

APPENDIX A:
LIST OF PREPARERS

APPENDIX A. LIST OF PREPARERS

This appendix lists the preparers of this noise study report.

Preparers with HMMH are as follows:

- Christopher Menge, Project Manager
- Christopher Bajdek, noise measurements, analysis and reporting
- Ruth Anne Mazur, noise measurements, analysis and reporting
- Hayden Jubera, noise analysis
- Zachary Weiss, noise analysis
- Christopher Nottoli, noise analysis
- Ramon Magsanoc, noise analysis
- Michael Hamilton, GIS support, report graphics

Preparers with RK&K are as follows:

- Joseph Rauseo, noise analysis
- Kevin Hughes, noise analysis
- David Ward, GIS support, noise analysis
- George Tye, noise analysis
- Priscilla Brownlow, noise analysis

TNM Certification of HMMH's Project Manager, Christopher Menge, is on file in VDOT's offices.

APPENDIX B:
TRAFFIC DATA USED IN NOISE ANALYSIS

APPENDIX B: TRAFFIC DATA USED IN NOISE ANALYSIS

This appendix includes the loudest-hour traffic data used in all of the noise modeling. As discussed in more detail in Section 4.3 of the main report, the volumes during AM peak hour were found to represent the loudest condition for all of the interstate highways, so all of the data used in the modeling and shown in the tables are for the AM peak period. Speeds are the free-flow or posted speeds. The data in the tables were taken directly from the TNM files used to compute the predicted sound levels for the noise impact assessment. As such, the roadway names are the same as they appear in the TNM files. Roadway names that begin with a three-digit number are mainline highway segments; the three-digit numbers are unique identifiers for those roadway segments across all alternatives. Roadway names that begin with R followed by a number are ramps, and those with an I followed by a number are local street segments, the volumes having been derived from intersection data. All traffic data were developed by RK&K.

Table B-1 provides the 2015 traffic data for the Existing Conditions, Table B-2 for the 2040 No-build Alternative, Table B-3 for 2040 Build Alternative B, Table B-4 for 2040 Build Alternative C, and Table B-5 for 2040 Build Alternative D.

Table B-1: 2015 Existing Conditions Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
I2_164_SB_College Dr_ENT	576	8	26	50
I4_164_NB_College Dr_ENT	517	10	33	50
R31_164_WB_Off Ramp to SR 135	395	0	10	35
R4_164_EB_On Ramp from SR 135	259	0	10	25
R32_164_WB_Off Ramp to SR 135 NB	310	2	8	35
R5_164_EB_Off Ramp to Towne Pnt Rd	260	0	4	25
R6_164_EB_On Ramp from Towne Pnt R	581	0	9	30
R29_164_WB_Off Ramp to Towne Pnt R	214	0	10	25
R30_164_WB_On Ramp from Towne Pnt	510	0	4	35
I8_164_SB_Towne Point Rd_ENT	1141	3	11	35
I10_164_NB_Towne Point Rd_ENT	470	2	8	35
R7_164_EB_Off Ramp to Cedar Ln	766	0	9	35
R27_164_WB_Off Ramp to Cedar Ln	259	0	10	25
R8_164_EB_On Ramp from S Cedar Ln	194	0	6	25
R28_164_WB_On Ramp from Cedar Ln	460	1	14	25
703_164_EB_ML_RT164	926	2	67	65
R3_164_EB_On Ramp from I-664 NB	1013	12	76	60
I3_164_SB_College Dr_EXT	660	8	27	50
I5_164_SB_College Dr_EXT	482	6	22	50
I1_164_NB_College Dr_ENT	435	9	31	50

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Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
R33_164_WB_Off Ramp to SR 135 SB	82	1	3	25
705_164_EB_ML_RT164	1911	6	178	60
707_164_EB_ML_RT164	2179	6	180	60
709_164_EB_ML_RT164	1919	6	175	60
826_164_WB_ML_RT164	1346	5	104	60
824_164_WB_ML_RT164	1741	5	114	60
I11_164_SB_Towne Point Rd_EXT	679	4	12	35
I9_164_SB_Towne Point Rd_EXT	916	3	11	35
I7_164_NB_Towne Point Rd_EXT	312	3	10	35
I6_164_NB_Towne Point Rd_ENT	383	2	5	35
711_164_EB_ML_RT164	2500	6	184	60
822_164_WB_ML_RT164	1230	5	110	60
820_164_WB_ML_RT164	1444	6	120	60
I17_164_NB_Cedar Ln_ENT	607	5	18	35
I14_164_SB_Cedar Ln_ENT	700	7	23	35
R9_164_EB_On Ramp from N Cedar Ln	74	0	1	40
816_164_WB_ML_RT164	1244	5	116	60
713_164_EB_ML_RT164	1734	6	175	60
818_164_WB_ML_RT164	985	5	105	60
715_164_EB_ML_RT164	1928	6	181	60
I17_164_SB_Cedar Ln_EXT	783	6	21	35
I12_164_NB_Cedar Ln_ENT	959	6	20	35
I16_164_SB_Cedar Ln_ENT	442	5	18	35
717_164_EB_ML_RT164	2002	6	182	60
I13_164_NB_Cedar Ln_EXT	480	5	15	35
I15_164_SB_Cedar Ln_EXT	637	6	22	35
Rt 164 WB Extension	1244	5	116	60
Rt 164 EB Extension	2002	6	182	60
[14] railroad	438	0	14	10
[1] railroad NB/SB	875	0	27	10
[2] railroad	875	0	27	10
[1] railroad NB/SB-2	875	0	27	10
[1] railroad NB/SB-2	438	0	14	10
[1] railroad NB/SB-2-2	875	0	27	10
[2] railroad-2	438	0	14	10
Railroad EB east	875	0	27	10
Railroad EB west	875	0	27	10

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Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
R2_664_EB_On Ramp from I-64 EB	2670	25	115	50
R93_664_WB_Off Ramp to I-64	774	7	33	50
R3_64_EB_Off Ramp to SR 167S	527	1	2	35
654_664_WB_ML	1912	105	278	55
R34_64_WB_On Ramp from SR 134	1052	6	17	40
501_664_EB_ML	1524	8	23	50
R5_64_EB_On Ramp from SR 167N	34	0	1	25
R4_64_EB_On Ramp from SR 167S	66	1	3	25
R33_64_WB_Off Ramp to SR 167	66	1	3	25
R32_64_WB_Off Ramp to SR 134	263	2	5	35
R6_64_EB_Off Ramp to RipRap Rd	1043	7	30	40
229_64_WB_ML_Inner	1415	0	0	55
I64_Innes_Lanes_EB_1	2499	0	0	55
652_664_WB_ML	2686	65	359	60
503_664_EB_ML	4194	20	151	60
I2_64_NB_LaSalle_Ave_ENT	572	4	14	35
I3_64_SB_LaSalle_Ave_ENT	628	4	13	35
I6_64_EB_Armistead_Ave_ENT	550	6	19	45
I7_64_WB_Armistead_Ave_ENT	898	5	17	45
I4_64_NB_LaSalle_Ave_EXT	413	3	9	35
I5_64_SB_LaSalle_Ave_EXT	318	4	13	35
223_64_WB_ML	3632	50	133	55
I64 EB 2-I64 EB Outer Lanes 1-I64 EB 3	2498	80	213	55
I201_64_N_Rip Rap Rd	928	13	44	35
101_64_EB_ML_Outer	1570	23	107	55
102_64_EB_ML	3913	31	141	55
103_64_EB_ML	3387	30	138	55
104_64_EB_ML	3452	31	142	55
106_64_EB_ML	3486	31	143	55
108_64_EB_ML	2442	25	113	55
225_64_WB_ML	3368	48	129	55
227_64_WB_ML	3302	47	126	55
229_64_WB_ML	2830	45	120	55
I64 WB Outer Lanes 1-I64 WB 2-I64 WB 3-2-2-2-2	2918	44	200	55
101_64_EB_ML_Inner	1570	0	0	55
I64_Inner_Lanes_WB 1-2	2918	0	0	55
101_64_EB_ML	3140	23	107	55

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Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
229_64_WB_ML_Outer	1415	45	120	55
I202_64_S_Rip Rap Rd	749	13	43	35
I1_64_WB_Armistead Ave_EXT	1510	9	31	45
I8_64_EB_Armistead Ave_EXT	406	3	11	45
505_664_EB_ML	3907	18	135	60
650_664_WB_ML	2236	61	338	60
R3_664_EB_Off Ramp to Power PI Pkw	287	2	16	40
R92_664_WB_On Ramp from Power PI P	450	4	21	40
I1_664_WB_Powhatan Pkwy_EXT	329	6	20	45
I2_664_WB_Powhatan Pkwy_ENT	420	8	27	45
I3_664_EB_Powhatan Pkwy_ENT	313	6	21	45
I4_664_EB_Powhatan Pkwy_EXT	429	7	24	45
I6_664_EB_Powhatan Pkwy_EXT	540	10	35	45
I5_664_WB_Powhatan Pkwy_ENT	762	13	45	45
R4_664_EB_On Ramp from Power PI P	275	1	9	35
R91_664_WB_Off Ramp to Power PI Pk	224	2	9	40
106_64_EB_ML	3452	31	142	55
228_64_WB_ML	4353	54	143	55
217_64_WB_ML	3198	47	125	55
R28_64_WB_Off Ramp to SR 169	321	1	3	25
R7_64_EB_Off Ramp to SR 143/US 60	646	2	10	25
R31_64_WB_On Ramp from Route 60	697	4	10	25
R8_64_EB_On Ramp from SR 143/60	836	5	24	40
R30_64_WB_Off Ramp to Route 60	297	2	6	35
R29_64_WB_On Ramp from SR 169	350	3	7	25
R10_64_EB_On Ramp from SR 169	759	1	5	40
R9_64_EB_Off Ramp to SR169	103	0	2	20
114_64_EB_ML	3283	28	129	55
I15_64_WB_Settlers Landing Rd_EXT	293	4	13	35
I16_64_WB_Settlers Landing Rd_ENT	453	4	13	35
I13_64_EB_Settlers Landing Rd_ENT	957	5	18	35
I200_64_Mallory St	1130	3	12	36
110_64_EB_ML	2628	27	125	55
219_64_WB_ML	2877	46	122	55
221_64_WB_ML	3227	49	129	55
112_64_EB_ML	2524	27	124	55
I14_64_EB_Settlers Landing Rd_EXT	1055	9	31	35

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Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
217_64_WB_ML_2	3198	47	125	55
114_64_EB_ML_2	3283	28	129	55
19-EB_Off-Ramp-I64	395	1	4	35
10-WB_Off-Ramp-I64	117	1	2	35
21-EB_On-Ramp-I64	274	1	5	40
12-WB_On-Ramp-I64	435	3	8	40
Bayville Street	100	0	0	25
4th View Street-WB	659	1	5	35
4th View Street-EB	127	1	2	35
114-EB_ML-I64	3283	28	129	55
211-WB_ML-I64	2724	44	117	55
120-EB_ML-I64	2928	27	125	55
118-EB_ML-I64	3359	19	86	55
217-WB_ML-I64	3198	47	125	55
213-WB_ML-I64	2993	21	57	55
4th View Street-EB-2	256	1	3	35
4th View Street-EB-3	287	2	6	35
4th View Street-WB-2	302	1	2	35
4th View Street-WB-3	292	1	2	35
8-WB_Off-Ramp-I64	458	1	2	25
23-EB_On-Ramp-I64	292	2	7	40
Granby Street South SB-Granby Street SB_1	980	5	25	35
Bellinger_EB	312	1	4	30
118-EB_ML-I64	3323	28	129	55
207-WB_ML-I64	3298	46	121	55
Granby Street NB_2-Granby Street South NB-2-2	994	7	19	35
213-WB_ML-I64	3158	47	125	55
211-WB_ML-I64-2	2724	44	117	55
122-EB_ML-I64	3203	28	129	55
209-WB_ML-I64	2841	45	119	55
124-EB_ML-I64	3494	30	136	55
Bellinger_EB-2	312	1	4	30
6-WB_On-Ramp-I64	338	5	12	40
205-WB_ML-I64	2960	41	109	55
Granby Street NB_2-Granby Street South NB-2	994	7	19	35
I-564R-NB	549	1	3	55
Ramp - Granby St EB to I564 NB	328	5	13	25

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Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
Ramp - I64 NB to Granby St EB	343	2	5	35
Ramp - I564 SB to I64 NB-I-564S EXIT 0C-WB	254	4	12	55
I-564R EXIT 0A-WB-Ramp - I564 HOV to I64 HOV	387	4	15	55
Ramp - Granby St S to I64 NB	338	5	12	40
Ramp_I64_EB_to_I564_WB	672	5	23	40
Granby Street NB_2-Granby Street South NB	994	7	19	35
I-64E EXIT 276B-EB-2-I-64E EXIT 276B-EB	1147	9	39	40
I-64R EXIT 0A-I-64R-WB	466	4	0	55
I-564N-NB-I564 NB-I-564N-NB-I564 NB-2	2195	32	84	55
Ramp_I564_EB_to_I64_EB-I-564S-SB-I564 SB-2-I-564	269	3	13	55
I64-WB 11-I64-WB 9-I64-WB 7-I64-WB 5-I64-WB 6-I6	2584	37	99	55
I64-EB 10-I64-EB 7-I64-EB 6-I64-EB 5-I64-EB 8-I6-2	3494	30	136	55
Granby Street South SB-Granby Street SB_1-2	980	5	25	35
Ramp_I564_EB_to_I64_EB-I-564S-SB-I564 SB-2-I-564-2	920	9	41	55
I-564N-NB-I564 NB-I-564N-NB-I564 NB-2-2	3356	78	206	55
I-64E EXIT 276B-EB-2-I-64E EXIT 276B-EB-2	475	4	16	40
I64-EB 10-I64-EB 7-I64-EB 6-I64-EB 5-I64-EB 8-I6-2-2	2696	23	106	55
I64-EB 10-I64-EB 7-I64-EB 6-I64-EB 5-I64-EB 8-I6-2-2	3344	19	85	55
I64-WB 11-I64-WB 9-I64-WB 7-I64-WB 5-I64-WB 6-I6-2	2960	41	109	55
I64-WB 11-I64-WB 9-I64-WB 7-I64-WB 5-I64-WB 6-I6-2	2241	35	94	55
Ramp Pughsville Rd EB to I-664 NB	97	2	11	25
Ramp I-664 NB to Pughsville Rd EB or WB	463	6	35	30
Ramp I-664 NB to Pughsville WB	73	1	6	30
Ramp Pughsville Rd WB to I-664 NB	401	1	3	35
Pughsville Rd EB	522	4	14	40
Pughsville Rd WB	982	15	53	40
Ramp Pughsville Rd WB or EB to I-664 SB	748	4	28	30
Ramp I-664 SB to Pughsville Rd EB	219	3	23	40
Ramp Pughsville Rd EB to I-664 SB	230	1	9	30
Ramp I-664 NB to Bridge Rd EB	287	4	24	45
Ramp Bridge Rd WB to I-664 SB	353	1	6	40
Ramp Bridge Rd EB & WB to I-664 SB	951	2	17	40
Bridge Rd WB	663	4	13	45
Bridge Rd EB	1153	5	17	45
Ramp Portsmouth Rd EB to I-664 SB	274	2	14	40
Portsmouth Rd EB	849	6	45	40
Portsmouth Rd WB	806	7	38	40

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Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
Ramp I-664 SB to Portsmouth Rd WB	266	2	13	40
Ramp Portsmouth Rd WB to I-664 SB	280	1	8	25
Ramp I-664 SB to Portsmouth Rd EB	218	1	6	25
Ramp I-664 NB to Portsmouth Rd WB	135	2	13	25
Ramp Portsmouth Rd EB to I-664 NB	146	2	12	25
Ramp I-664 NB to Portsmouth Rd EB	322	3	15	40
Ramp Portsmouth Rd WB to I-664 NB	241	1	3	40
Ramp Bridge Rd EB to I-664 SB	598	1	11	40
Ramp I664 NB to Western Fwy EB	410	6	34	45
Ramp I-664 NB to Pughsville Rd EB	390	5	30	30
Ramp Pughsville Rd WB to I664 SB	518	3	19	30
Ramp I-664 SB to Pughsville Rd WB	214	3	23	40
I-664 Seg 5 SB	1739	17	129	60
I-664 Seg 5 NB-2	3298	77	420	60
Ramp I664 NB to Western Fwy EB and Bridge Rd EB-2	696	11	58	45
I-664 Seg 5 NB-2-2	2566	60	329	60
I-664 Seg 5 SB-2	2690	19	146	60
I-664 Seg 5 NB-2-2	3263	70	387	60
I-664 Seg 5 SB-2-2	2257	13	100	60
Ramp I-664 SB to Pughsville Rd WB or EB-2	433	6	46	40
I-664 Seg 5 NB-2-2	2861	70	384	60
I-664 Seg 5 NB-2-2	2765	68	372	60
I-664 Seg 5 NB-2-2	3228	74	408	60
I-664 Seg 5 NB-2-2	2987	74	404	60
I-664 Seg 5 SB-2-2-2	3006	17	127	60
I-664 Seg 5 SB-2-2-2-2	2802	16	117	60
I664 EB Ramp from SR 337N to Ramp fro	3076	18	131	60
Bridge Rd EB-2	553	3	9	45
Bridge Rd WB-2	314	1	5	45
Pughsville Rd WB-2	413	13	44	40
Pughsville Rd WB-2	677	11	37	40
Pughsville Rd EB-2	767	11	37	40
Pughsville Rd EB-2	461	9	30	40
Dock Landing Rd WB	519	6	20	40
Dock Landing Rd EB	506	4	15	40
Ramp I-664 SB to Dock Landing Rd WB	123	0	2	35
Ramp I-664 SB to Dock Landing Rd EB	44	0	1	35

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Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
Ramp Dock Landing Rd EB to I-664 SB	190	1	4	35
Ramp Dock Landing Rd WB to I-664 SB	224	1	5	35
Ramp Dock Landing Rd WB to I-664 NB	409	1	5	25
Ramp Dock Landing Rd EB to I-664 NB	217	0	3	25
Ramp I-664 NB to Dock Landing Rd WB	50	1	4	35
Ramp I-664 NB to Dock Landing Rd EB	87	1	7	35
Ramp Dock Landing Rd WB to I-664 NB 2	192	0	2	25
Ramp Dock Landing Rd to I-664 SB	414	1	10	35
Ramp I-664 SB to Dock Landing Rd WB 2	79	0	1	35
Ramp W Military Highway WB to I-664 NB	234	6	34	35
Ramp I-664 SB to W Military Highway WB	571	10	74	50
W Military Highway WB Seg 1	391	6	33	50
Ramp W Military Highway WB to I-664 SB	28	0	2	25
W Military Highway WB Seg 2	391	6	33	50
Ramp I-664 NB to W Military Highway WB	1229	19	103	50
Ramp I-664 SB to W Military Highway EB	212	2	16	25
Ramp W Mil Highway EB to I-664 SB	2238	25	187	50
Ramp W Military Highway EB to I-664 NB	620	13	72	25
W Military Highway EB	837	13	70	50
I-664 Seg 5 NB	2792	71	392	60
Ramp I-264 to I-64 towards VA Beach	359	2	14	50
I-664 to I-264 EB	4849	32	239	60
I-264 to I-664 WB	1076	18	101	60
I-64 to Suffolk to I-664 WB	2639	40	221	50
I-64 to Suffolk to I-264 EB	416	2	17	50
I-64 to VA Beach	1655	9	66	50
Military Hwy WB 2	226	4	20	35
Military Hwy EB 2	944	16	85	35
Military Hwy EB	673	11	61	35
I-664 Seg 5 SB-2	3006	17	127	60
I-664 Seg 5 SB-2-2	2802	16	117	60
I-664 Seg 5 NB-2	3228	74	408	60
I-664 Seg 5 SB-2-2-2	3076	18	131	60
I-664 Seg 5 NB-2	2987	74	404	60
I-664 Seg 5 SB-2-2-2-2	2953	17	130	60
I-664 Seg 5 SB-2-2-2-2-2	3367	19	139	60
I-664 Seg 5 NB-2	2889	76	415	60

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Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
Ramp I-664 NB to Dock Landing EB-2	137	2	11	35
I-664 Seg 5 SB-2-2-2-2-2	2796	9	65	60
I-664 Seg 5 NB-2	3026	78	426	60
I-664 to I-264 EB-2	1789	10	71	60
Ramp I-664 NB to W Military Highway EB	177	3	15	40
Dock Landing Rd WB-2	245	2	8	40
Dock Landing Rd EB-2	362	3	10	40
Dock Landing Rd WB-2	391	3	11	40
Dock Landing Rd EB-2-2	244	1	5	40
Military Hwy WB 2-2	235	4	21	35
Ramp I664 SB to Power Plant	287	2	16	40
Ramp Power Plant to I664 SB	275	1	9	35
Ramp I664 NB to Power Plant	224	2	9	40
Ramp Power Plant to I664 NB	450	4	21	40
Ramp I664 SB to Aberdeen Rd	581	4	30	40
Ramp Aberdeen Rd to I664 NB	280	5	25	35
Aberdeen Rd NB	466	8	26	40
Ramp I664 NB to Aberdeen Rd	224	2	9	40
Ramp Aberdeen Rd to I664 SB	240	2	14	40
Chestnut Ave NB	168	3	9	25
Chestnut Ave SB	307	3	10	25
Aberdeen Rd SB	504	16	55	40
Ramp Roanoke Ave to I664 SB	79	1	5	40
Ramp I664 NB to Roanoke Ave	115	1	4	35
Roanoke Ave NB	44	1	5	25
Roanoke Ave SB	153	3	9	25
W Pembroke Ave WB	261	2	7	35
Power Plant Pkwy NB	762	13	45	45
Power Plant Pkwy SB	313	6	21	45
I-664 Seg 1 SB	3907	18	135	60
I-664 Seg 1 NB-2	2164	59	327	60
39th St EB-3	206	3	11	35
I-664 Seg 1 SB-2	4182	19	144	60
Power Plant Pkwy SB-2	429	7	24	45
Power Plant Pkwy SB-2-2	540	10	35	45
Power Plant Pkwy NB-2	420	8	27	45
Power Plant Pkwy NB-2-2	329	6	20	45

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Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
I-664 Seg 1 NB-2-2	2452	61	337	60
I-664 Seg 1 SB-2-2	3601	15	114	60
I-664 Seg 1 NB-2-2	2460	63	347	60
Aberdeen Rd NB-2	825	12	43	40
Aberdeen Rd SB-2	480	17	58	40
Aberdeen Rd SB-2-2	411	13	46	40
Aberdeen Rd NB-2	469	7	24	40
Aberdeen Rd NB-2	466	8	26	40
Aberdeen Rd SB-2-2-2	411	13	46	40
W Pembroke Ave EB-2-2	162	3	10	35
39th St WB	261	2	7	35
Ramp Aberdeen Rd to I664 SB-2	772	2	16	40
I-664 Seg 1 SB-2-2-2	3068	15	112	60
I-664 Seg 1 NB-2-2	2180	59	321	60
Ramp I664 NB to Aberdeen Rd-2	208	3	15	35
39th St WB-2	636	11	38	35
39th St WB-3	720	6	19	35
39th St EB-2	209	4	12	35
39th St EB	162	3	10	35
Chestnut Ave NB-2	241	2	7	25
Chestnut Ave NB-2-2	91	1	3	25
Chestnut Ave NB-2-2-2	407	12	41	25
Chestnut Ave SB-2	676	12	42	25
Chestnut Ave SB-2-2	209	1	5	25
Roanoke Ave NB-2	44	1	5	25
Roanoke Ave NB-2-2	99	1	5	25
Roanoke Ave NB-2-2-2	89	1	5	25
Roanoke Ave SB-2	96	2	7	25
Roanoke Ave SB-2-2	153	3	9	25
Roanoke Ave SB-2-2-2	95	2	8	25
Ramp I-664 SB to College Dr SB	320	1	4	25
Ramp College Dr SB to I-664 NB	131	1	3	25
Ramp I-664 NB to College Dr NB	163	1	6	25
Ramp College Dr NB to I-664 SB	179	1	5	25
Ramp I-664 SB to College Dr NB	162	1	7	35
Ramp College Dr NB to I-664 NB	463	2	10	35
Ramp I-664 NB to College Dr SB	593	1	6	50

Table B-1: 2015 Existing Conditions Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
Ramp College Dr SB to I-664 SB	115	1	8	45
Ramp I664 NB to Western Fwy EB and Bridge Rd EB	696	11	58	45
Ramp I-664 SB to Pughsville Rd WB or EB	433	6	46	40
Ramp I-664 SB to Pughsville Rd EB	214	7	24	40
Western Fwy WB	704	3	58	65
Ramp I-664 SB to Western Fwy WB	672	6	46	50
Western Fwy Seg 1 EB	1230	2	68	65
Ramp I-664 SB to Western Fwy EB	603	6	42	50
Ramp Western Fwy WB to I-664 NB	642	7	41	40
Ramp Western Fwy WB to I-664 SB	429	9	67	25
Ramp Western Fwy EB to I-664 NB	304	0	1	25
Ramp I-664 NB to Western Fwy EB	437	4	24	25
Ramp I664 NB & SB to Western Fwy EB	1013	12	76	60
Ramp I-664 SB to Pughsville Rd WB	210	7	23	40
I-664 Seg 3 NB	2483	62	340	60
I-664 Seg 3 SB	2170	14	106	60
I-664 Seg 4 NB	3076	63	346	60
I-664 Seg 4 SB	1983	14	108	60
College Ave Part 2 SB	576	8	26	50
College Ave Part 2 NB	517	10	33	50
Ramp Rt164 WB to College Dr	395	0	10	35
Ramp College Dr NB to Rt164 EB	259	0	10	25
Ramp Rt164 WB to College Dr NB	310	2	8	35
I-664 Seg 5 SB	1310	8	62	60
Western Fwy Seg 2 EB	1911	6	178	60
Western Fwy Seg 2 WB-2	1741	5	114	60
I-664 Seg 3 SB-2	2008	13	99	60
I-664 Seg 3 SB-2-2	1867	13	100	60
I-664 Seg 5 SB-2	1739	17	129	60
I-664 Seg 5 NB-2-2-2	2566	60	329	60
I-664 Seg 5 NB-2-2-2-2	2434	56	305	60
I-664 Seg 3 NB-2	2452	61	337	60
I-664 Seg 5 SB-2-2	2690	19	146	60
Ramp I-664 SB to Western Fwy WB-2	70	1	5	50
Western Fwy Seg 2 EB-2	2179	6	180	60
Western Fwy Seg 2 WB-2-2	1346	5	104	60
Ramp Rt164 WB to College Dr-2	82	1	3	25

Table B-1: 2015 Existing Conditions Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
College Ave Part 2 NB-2	435	9	31	50
College Ave Part 2 SB-2	660	8	27	50
College Ave Part 2 SB-2-2	482	6	22	50
Western Fwy WB-2	710	1	14	60
Western Fwy Seg 1 EB-2	926	2	67	65
I-664 Seg 2 NB	2915	63	347	60
I-664 Seg 2 SB	1625	14	101	60
Ramp Roanoke Ave to I664 SB	79	1	5	40

Table B-2: 2040 No-Build Alternative Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
College Ave Part 2 SB	841	11	38	50
College Ave Part 2 NB	711	13	46	50
Ramp Rt164 WB to College Dr	516	1	13	35
Ramp College Dr NB to Rt164 EB	362	0	3	35
Ramp Rt164 WB to College Dr NB	420	0	10	35
Ramp Rt164 EB to Towne Point Rd	329	0	6	25
Ramp Towne Point Rd to Rt164 EB	665	0	10	30
Ramp Rt164 WB to Towne Point Rd	262	1	12	25
Ramp Towne Point Rd to Rt164 WB	654	0	6	35
Towne Point Rd SB	1339	4	12	35
Towne Point Rd NB	534	2	9	35
Ramp Rt 164 EB to Cedar Ln	1058	0	12	35
Ramp Rt 164 WB to Cedar Ln SB	321	1	13	25
Ramp Cedar Ln SB to Rt 164 EB	238	0	7	25
Ramp Cedar Ln to Rt164 WB	639	1	20	25
Western Fwy Seg 2 EB-2	2507	8	235	60
Ramp I664 NB & SB to Western Fwy EB-2	1013	12	76	60
College Ave Part 2 SB-2	938	12	40	50
College Ave Part 2 SB-2-2	690	9	31	50
College Ave Part 2 NB-2	609	13	43	50
Ramp Rt164 WB to College Dr-2	98	0	2	35
Western Fwy Seg 2 EB-2-2	2507	8	235	60
Western Fwy Seg 2 EB-2-2-2	2870	8	237	60
Western Fwy Seg 2 EB-2-2-2-2	2540	8	232	60
Western Fwy Seg 2 WB-2	1699	5	116	60
Western Fwy Seg 2 WB-2	2215	6	129	60
Towne Point Rd SB-2	718	4	13	35
Towne Point Rd SB-2	990	3	12	35
Towne Point Rd NB-2	422	4	14	35
Towne Point Rd NB-2	467	2	6	35
Western Fwy Seg 2 EB-2-2-2-2-2	3204	9	242	60
Western Fwy Seg 2 WB-2	1561	6	123	60
Western Fwy Seg 2 WB-2	1823	6	136	60
Cedar Lane NB	804	7	24	35
Cedar Lane SB	889	8	28	35
Ramp Cedar Ln NB to Rt164 EB	134	0	1	40
Western Fwy Seg 2 WB	1505	6	129	60

Table B-2: 2040 No-Build Alternative Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
Western Fwy Seg 2 EB-2-2	2870	8	237	60
Western Fwy Seg 2 EB-2-2-2	2540	8	232	60
Western Fwy Seg 2 EB-2-2-2-2	3204	9	242	60
Towne Point Rd SB-2-2	718	4	13	35
Towne Point Rd NB-2-2	422	4	14	35
Western Fwy Seg 2 EB-2-2-2-2-2	2147	8	230	60
Western Fwy Seg 2 WB-2	1184	5	116	60
Western Fwy Seg 2 EB-2-2-2-2-2-2	2385	8	237	60
Cedar Lane SB-2	954	7	24	35
Cedar Lane NB-2	1279	8	28	35
Cedar Lane SB-2	442	5	18	35
Western Fwy Seg 2 EB-2-2-2-2-2-2-2	2519	8	238	60
Cedar Lane NB-2-2	677	6	22	35
Cedar Lane SB-2	741	8	26	35
R7_164_EB_Off Ramp to Cedar Ln	1058	0	12	35
I17_164_NB_Cedar Ln_EXT	804	7	24	35
I14_164_SB_Cedar Ln_EXT	889	8	28	35
R27_164_WB_Off Ramp to Cedar Ln	321	1	13	25
R8_164_EB_On Ramp from S Cedar Ln	238	0	7	25
R28_164_WB_On Ramp from Cedar Ln	639	1	20	25
R9_164_EB_On Ramp from N Cedar Ln	134	0	1	40
816_164_WB_ML_RT164	1505	6	129	60
713_164_EB_ML_RT164	1734	6	175	60
820_164_WB_ML_RT164	1444	6	120	60
818_164_WB_ML_RT164	985	5	105	60
715_164_EB_ML_RT164	2385	8	237	60
717_164_EB_ML_RT164	2519	8	238	60
I12_164_NB_Cedar Ln_EXT	1279	8	28	35
I13_164_NB_Cedar Ln_EXT	677	6	22	35
I15_164_SB_Cedar Ln_EXT	741	8	26	35
I16_164_SB_Cedar Ln_EXT	442	5	18	35
I17_164_SB_Cedar Ln_EXT	954	7	24	35
711_164_EB_ML_RT164	2500	6	184	60
Rt 164 WB Extension	1505	6	129	60
Rt 164 EB Extension	2519	8	238	60
Western Fwy Seg 2 EB-2-2	2147	8	230	60
Western Fwy Seg 2 EB-2-2-2	2385	8	237	60

Table B-2: 2040 No-Build Alternative Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
Western Fwy Seg 2 EB-2-2-2	2519	8	238	60
Cedar Lane SB-2-2	442	5	18	35
Cedar Lane SB-2-2-2	954	7	24	35
Western Fwy Seg 2 EB-2-2	3204	9	242	60
I-564R-NB	465	0	0	55
Ramp - Granby St EB to I564 NB	328	5	13	25
I-564R EXIT 0A-WB-Ramp - I564 HOV to I64 HOV	465	0	0	55
Ramp_I64_EB_to_I564_WB	931	7	32	40
Granby Street NB_2-Granby Street South NB	994	7	19	35
I-64E EXIT 276B to Granby St	1195	9	41	40
I-64R EXIT 0A-I-64R-WB	675	0	0	55
I-564N-NB-I564 NB-I-564N-NB-I564 NB-2	2390	34	91	55
Ramp_I564_EB_to_I64_EB-I-564S-SB-I564 SB-2-I-564	570	1	4	55
I64-EB 10-I64-EB 7-I64-EB 6-I64-EB 5-I64-EB 8-I6-2-2	3244	29	132	55
Granby Street South SB-Granby Street SB_1-2-2-2	980	5	25	35
I64-WB 11-I64-WB 9-I64-WB 7-I64-WB 5-I64-WB 6-I6	3149	45	121	55
[4] off-ramp	220	2	8	45
[5] I-564 EB	452	4	19	45
[6] I-564 WB (right lanes) part 1	1976	88	235	55
[7] I-564 WB (left lanes) part 1	1976	0	0	55
[8] I-564 WB (left lanes) part 2	1976	0	0	55
[9] I-564 WB (right lanes) part 2	1976	88	235	55
[10] I-564 WB part 1	2609	67	179	55
[11] I-564 EB part 2	774	4	17	55
[15] Off-ramp I-564 EB to Granby	59	0	1	45
[18] I-564 WB part 2	2609	67	179	55
[19] I-564 EB part 1	774	4	17	55
Ramp - I564 SB to I64 NB-2	379	3	8	40
Ramp - I564 SB to I64 NB-[12] I-564 EB off-ramp	204	3	13	50
[23] Terminal Blvd WB-[3] I-564 WB off-ramp	1343	21	56	25
[22] Terminal Blvd EB-[0] Flyover ramp fr Termin	670	6	29	45
[16] Granby St SB	980	5	25	35
[17] Granby St NB	994	7	19	35
Ramp_I564_EB_to_I64_EB-I-564S-SB-I564 SB-2-I-564-2	922	4	19	55
I-64E EXIT 276B to Granby St-2	264	2	9	40
I64-EB 10-I64-EB 7-I64-EB 6-I64-EB 5-I64-EB 8-I6-2-2-2	3244	29	132	55
I64-WB 11-I64-WB 9-I64-WB 7-I64-WB 5-I64-WB 6-I6-2	2807	43	115	55

Table B-2: 2040 No-Build Alternative Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
21-Terminal Ramp EB auto	671	0	0	25
21-Terminal Ramp EB truck	671	21	56	25
20-Terminal Ramp WB auto	335	6	29	45
20-Terminal Ramp WB truck	335	0	0	45
17-Hampton SB truck	73	3	7	40
17-Hampton SB auto	166	0	0	40
16-Hampton NB auto	1313	0	0	40
16-Hampton NB truck	577	26	54	40
1-564_EB-TB_IMC-I1_2_3	387	0	0	55
1-564_EB-TB_IMC-I4	387	4	17	55
2-564_WB-TB_IMC-I1	869	67	179	55
2-564_WB-TB_IMC-I2_3	870	0	0	55
2-564_WB-TB_IMC-I4	870	0	0	55
3-564_EB-ADB_IMC-I1	162	4	17	55
3-564_EB-ADB_IMC-I2_3	162	0	0	55
4-564_WB-ADB_IMC-I1	977	0	0	55
4-564_WB-ADB_IMC-I2_3	976	58	154	55
5-IMC_EB-I1	225	0	0	40
5-IMC_EB-I2	225	0	0	40
6-IMC_WB-I1	343	1	2	40
6-IMC_WB-I2	343	0	1	40
7-RampC-EoCVIS-I1	343	1	2	40
7-RampC-EoCVIS-I2	171	0	1	40
9-RampA	172	0	0	40
13-Seabee_exit	490	20	41	30
14-Seabee_WB-WoExSeabee	570	23	47	30
15-Seabee_EB-WoExSeabee	154	2	4	30
22-564_WB-TB_IMC-I1	1317	88	235	55
22-564_WB-TB_IMC-I2_3	1318	0	0	55
22-564_WB-TB_IMC-I4	1317	0	0	55
I-664E	3534	22	164	50
I-664W EXIT 1A	817	7	36	50
265A	527	1	2	35
I-664W	2541	73	401	55
PR134EXIT10A	1052	6	17	40
I-64W EXIT 264A	1592	9	24	50
SC 7035E EXIT 6A EB	34	0	1	25

Table B-2: 2040 No-Build Alternative Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
SC 7035W EXIT 6A EB On-ramp	66	1	3	25
I-64W EXIT 265A	66	1	3	25
I-64W EXIT 265B	263	2	5	35
I-64E EXIT 265C	1043	7	30	40
I64_Inner_Lanes_WB 1	1415	0	0	55
I64_Innes_Lanes_EB_1	2499	0	0	55
I664_NB	3358	80	437	60
I664_SB	5126	26	193	60
Lasalle Avenue 3_NB-Lasalle Ave NB-Lasalle Avenu	572	4	14	35
Lasalle Avenue 1_SB-Lasalle Ave SB-Lasalle Avenu	628	4	13	35
Armistead Avenue 2_EB-N Armistead Ave EB	550	6	19	45
N Armistead Ave WB-Armistead Avenue 1_WB	898	5	17	45
Lasalle Avenue 3_NB-Lasalle Ave NB-Lasalle Avenu-2	413	3	9	35
Lasalle Avenue 1_SB-Lasalle Ave SB-Lasalle Avenu-2-2	318	4	13	35
I64 WB Outer Lanes 1-I64 WB 2-I64 WB 3	3632	50	133	55
I64 EB 2-I64 EB Outer Lanes 1-I64 EB 3	2498	80	213	55
Rip Rap Rd-Rip Rap Rd-2	928	13	44	35
I64 EB 2-I64 EB Outer Lanes 1-I64 EB 3-2	2016	30	138	55
I64 EB 2-I64 EB Outer Lanes 1-I64 EB 3-2-2	3913	31	141	55
I64 EB 2-I64 EB Outer Lanes 1-I64 EB 3-2-2-2	4302	37	171	55
I64 EB 2-I64 EB Outer Lanes 1-I64 EB 3-2-2-2-2	3452	31	142	55
I64 EB 2-I64 EB Outer Lanes 1-I64 EB 3-2-2-2-2-2	3486	31	143	55
I64 EB 2-I64 EB Outer Lanes 1-I64 EB 3-2-2-2-2-2-2	2442	25	113	55
I64 WB Outer Lanes 1-I64 WB 2-I64 WB 3-2	3368	48	129	55
I64 WB Outer Lanes 1-I64 WB 2-I64 WB 3-2-2	3947	57	151	55
I64 WB Outer Lanes 1-I64 WB 2-I64 WB 3-2-2-2	3822	57	151	55
I64 WB Outer Lanes 1-I64 WB 2-I64 WB 3-2-2-2-2	2918	44	200	55
I64_Innes_Lanes_EB_1-2	2016	0	0	55
I64_Inner_Lanes_WB 1-2	2918	0	0	55
I64 EB 2-I64 EB Outer Lanes 1-I64 EB 3-2-2	4032	30	138	55
I64 WB Outer Lanes 1-I64 WB 2-I64 WB 3-2-2-2-2	1415	45	120	55
Rip Rap Rd-Rip Rap Rd-2-2	749	13	43	35
N Armistead Ave WB-Armistead Avenue 1_WB-2	1510	9	31	45
Armistead Avenue 2_EB-N Armistead Ave EB-2	406	3	11	45
Roadway137	4830	24	176	60
Roadway138	2898	76	416	60
Ramp I664 SB to Power Plant	296	2	17	40

Table B-2: 2040 No-Build Alternative Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
Ramp Power Plant to I664 NB	459	4	22	40
Power Plant Pkwy NB	365	7	23	45
Power Plant Pkwy NB-2	478	8	29	45
Roadway143	368	6	21	45
Power Plant Pkwy SB-	446	9	30	45
Power Plant Pkwy SB-3	581	10	34	45
Roadway147	789	14	47	45
Ramp Power Plant to I664 SB	333	1	11	35
Ramp I664 NB to Power Plan	277	2	11	40
R3_64_EB_Off Ramp to SR 167S	546	1	3	35
R34_64_WB_On Ramp from SR 134	1467	9	24	40
R5_64_EB_On Ramp from SR 167N	34	0	1	25
R4_64_EB_On Ramp from SR 167S	94	1	5	25
R33_64_WB_Off Ramp to SR 167	99	2	4	25
R32_64_WB_Off Ramp to SR 134	390	3	7	35
R6_64_EB_Off Ramp to RipRap Rd	1131	7	32	40
I2_64_NB_LaSalle Ave_ENT	755	6	19	35
I3_64_SB_LaSalle Ave_ENT	682	4	14	35
I6_64_EB_Armistead Ave_ENT	779	8	28	45
I7_64_WB_Armistead Ave_ENT	1108	6	21	45
I4_64_NB_LaSalle Ave_EXT	452	3	10	35
I5_64_SB_LaSalle Ave_EXT	393	5	17	35
I201_64_N_Rip Rap Rd	971	13	46	35
223_64_WB_ML	4437	61	162	55
102_64_EB_ML	4849	38	173	55
103_64_EB_ML	4302	37	171	55
227_64_WB_ML	3947	57	151	55
104_64_EB_ML	4397	38	175	55
225_64_WB_ML	4047	58	155	55
108_64_EB_ML	3300	31	144	55
106_64_EB_ML	4430	38	177	55
228_64_WB_ML	5414	66	175	55
I1_64_WB_Armistead Ave_EXT	1913	12	40	45
I8_64_EB_Armistead Ave_EXT	566	4	15	45
I64 WB 6	4038	58	154	55
I-64W EXIT 268A WB off-ramp	411	1	3	25
I-64E EXIT 267A	646	2	10	25

Table B-2: 2040 No-Build Alternative Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
US 60 EXIT 274B	697	4	10	25
US 60 EXIT 274A	851	5	24	40
I-64W EXIT 267A	389	3	8	35
SC 7057 EXIT 0B	365	3	7	25
SC 7057 EXIT 0A	784	1	5	40
I-64E EXIT 268A	143	0	2	20
I64 EB 6	3984	34	157	55
US 60W WB-2-2	603	6	21	35
US 60W WB-US 60W WB-2-US 60W WB-2	453	4	13	35
US 60E EB-2-2-US 60E EB-2-US 60E EB-2-US 60E EB	1082	6	22	35
Mallory Street 3_Both-South Malloy Street EW-2-2	1264	3	13	36
I64 EB 5-I64 EB 4-2-2-I64 EB 5-I64 EB 4-2	3342	34	154	55
I64 WB 4-I64 WB 5-I64 WB 4-I64 WB 5-2	3627	57	151	55
I64 WB 4-I64 WB 5-I64 WB 4-I64 WB 5-2-2	3993	59	158	55
I64 EB 5-I64 EB 4-2-2-I64 EB 5-I64 EB 4-2-2	3200	33	152	55
US 60E EB-2-2-US 60E EB-2-US 60E EB-2-US 60E EB-2	1282	11	37	35
I64 EB_Norfolk	3984	34	157	55
I64 WB_Norfolk	4038	58	154	55
19-EB_Off-Ramp-I64	514	1	5	35
10-WB_Off-Ramp-I64	151	1	3	35
21-EB_On-Ramp-I64	294	1	5	40
12-WB_On-Ramp-I64	513	3	9	40
Bayville Street	110	0	0	25
4th View Street-WB	736	4	15	35
4th View Street-EB	138	0	2	35
114-EB_ML-I64	3984	34	157	55
211-WB_ML-I64	3471	54	145	55
120-EB_ML-I64	3500	33	152	55
118-EB_ML-I64	4014	34	157	55
217-WB_ML-I64	4038	58	154	55
213-WB_ML-I64	3983	58	154	55
4th View Street-EB-2	317	2	6	35
4th View Street-EB-3	365	2	8	35
4th View Street-WB-2	331	1	3	35
4th View Street-WB-3	366	1	3	35
8-WB_Off-Ramp-I64	562	1	2	25
23-EB_On-Ramp-I64	296	2	7	40

Table B-2: 2040 No-Build Alternative Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
Granby Street South SB-Granby Street SB_1	980	5	25	35
Bellinger_EB	312	1	4	30
207-WB_ML-I64	4184	56	150	55
Granby Street NB_2-Granby Street South NB-2-2	994	7	19	35
211-WB_ML-I64-2	3471	54	145	55
122-EB_ML-I64	3794	34	157	55
209-WB_ML-I64	3622	55	148	55
124-EB_ML-I64	4090	36	164	55
Bellinger_EB-2	312	1	4	30
6-WB_On-Ramp-I64	342	5	13	40
205-WB_ML-I64	3842	51	137	55
Granby Street NB_2-Granby Street South NB-2	994	7	19	35
Ramp - I64 NB to Granby St EB	343	2	5	35
Ramp - I564 SB to I64 NB-I-564S EXIT 0C-WB	379	3	8	40
Ramp - Granby St S to I64 NB	342	5	13	40
I-64E EXIT 276B-EB-2-I-64E EXIT 276B-EB	1195	9	41	40
I64-EB 10-I64-EB 7-I64-EB 6-I64-EB 5-I64-EB 8-I6-2	4090	36	164	55
Granby Street South SB-Granby Street SB_1-2	980	5	25	35
Ramp_I564_EB_to_I64_EB-I-564S-SB-I564 SB-2-I-564-2	1021	5	24	55
I-564N-NB-I564 NB-I-564N-NB-I564 NB-2-2	3183	39	104	55
I-64E EXIT 276B-EB-2-I-64E EXIT 276B-EB-2	264	2	9	40
I64-WB 11-I64-WB 9-I64-WB 7-I64-WB 5-I64-WB 6-I6-2	3842	51	137	55
I-564N-NB-I564 NB-I-564N-NB-I564 NB-2-2-2	3952	88	235	55
Ramp_I564_EB_to_I64_EB-I-564S-SB-I564 SB-2-I-564-2-2	922	4	19	55
Ramp Pughsville Rd EB to I-664 NB	163	3	19	25
Ramp I-664 NB to Pughsville Rd EB or WB	573	8	44	30
Ramp I-664 NB to Pughsville WB	97	1	7	30
Ramp Pughsville Rd WB to I-664 NB	564	1	5	35
Pughsville Rd EB	778	6	21	40
Pughsville Rd WB	1326	20	69	40
Ramp Pughsville Rd WB or EB to I-664 SB	983	5	37	30
Ramp I-664 SB to Pughsville Rd EB	313	4	33	40
Ramp Pughsville Rd EB to I-664 SB	389	2	14	30
Ramp I-664 NB to Bridge Rd EB	364	6	30	45
Ramp Bridge Rd WB to I-664 SB	431	1	8	40
Ramp Bridge Rd EB & WB to I-664 SB	951	2	17	40
Bridge Rd WB	918	5	17	45

Table B-2: 2040 No-Build Alternative Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
Bridge Rd EB	1584	7	24	45
Ramp Portsmouth Rd EB to I-664 SB	391	3	21	40
Portsmouth Rd EB	1151	8	60	40
Portsmouth Rd WB	1090	9	51	40
Ramp I-664 SB to Portsmouth Rd WB	385	2	18	40
Ramp Portsmouth Rd WB to I-664 SB	381	2	12	25
Ramp I-664 SB to Portsmouth Rd EB	305	1	9	25
Ramp I-664 NB to Portsmouth Rd WB	189	3	18	25
Ramp Portsmouth Rd EB to I-664 NB	210	3	17	25
Ramp I-664 NB to Portsmouth Rd EB	436	4	20	40
Ramp Portsmouth Rd WB to I-664 NB	334	1	5	40
Ramp Bridge Rd EB to I-664 SB	740	2	13	40
Ramp I664 NB to Western Fwy EB	519	8	43	45
Ramp I-664 NB to Pughsville Rd EB	477	7	36	30
Ramp Pughsville Rd WB to I664 SB	595	3	22	30
Ramp I-664 SB to Pughsville Rd WB	321	5	34	40
I-664 Seg 5 SB	2307	24	179	60
I-664 Seg 5 NB-2	3633	94	518	60
Ramp I664 NB to Western Fwy EB and Bridge Rd EB-2	883	14	73	45
I-664 Seg 5 NB-2-2	3396	75	414	60
I-664 Seg 5 SB-2	3478	27	200	60
I-664 Seg 5 NB-2-2	4278	89	488	60
I-664 Seg 5 SB-2-2	2845	18	132	60
Ramp I-664 SB to Pughsville Rd WB or EB-2	633	9	68	40
I-664 Seg 5 NB-2-2	3551	85	464	60
I-664 Seg 5 NB-2-2	4124	93	508	60
I-664 Seg 5 NB-2-2	3790	92	503	60
I-664 Seg 5 SB-2-2-2	3828	23	169	60
I-664 Seg 5 SB-2-2-2-2	3521	21	153	60
I664 EB Ramp from SR 337N to Ramp fro	3913	23	174	60
Bridge Rd EB-2	1243	4	13	45
Bridge Rd WB-2	490	2	8	45
Pughsville Rd WB-2	606	19	65	40
Pughsville Rd WB-2	886	14	50	40
Pughsville Rd EB-2	1023	14	48	40
Pughsville Rd EB-2	693	13	44	40
Ramp Portsmouth Rd EB to I-664 NB	146	2	12	25

Table B-2: 2040 No-Build Alternative Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
Dock Landing Rd WB	804	6	20	40
Dock Landing Rd EB	685	6	19	40
Ramp I-664 SB to Dock Landing Rd WB	251	0	4	35
Ramp I-664 SB to Dock Landing Rd EB	64	0	1	35
Ramp Dock Landing Rd EB to I-664 SB	238	1	6	35
Ramp Dock Landing Rd WB to I-664 SB	277	1	7	35
Ramp Dock Landing Rd WB to I-664 NB	572	1	7	25
Ramp Dock Landing Rd EB to I-664 NB	300	1	4	25
Ramp I-664 NB to Dock Landing Rd WB	104	2	9	35
Ramp I-664 NB to Dock Landing Rd EB	123	2	10	35
Ramp Dock Landing Rd WB to I-664 NB 2	271	1	3	25
Ramp Dock Landing Rd to I-664 SB	516	2	12	35
Ramp I-664 SB to Dock Landing Rd WB 2	187	0	3	35
Ramp W Military Highway WB to I-664 NB	443	12	65	35
Ramp I-664 SB to W Military Highway WB	759	13	98	50
W Military Highway WB Seg 1	646	17	46	50
Ramp W Military Highway WB to I-664 SB	37	0	3	25
W Military Highway WB Seg 2	391	6	33	50
Ramp I-664 NB to W Military Highway WB	1508	0	2	25
Ramp I-664 SB to W Military Highway EB	304	3	23	25
Ramp W Mil Highway EB to I-664 SB	2730	31	229	50
Ramp W Military Highway EB to I-664 NB	849	18	98	25
W Military Highway EB	1152	22	101	50
I-664 Seg 5 NB	3418	86	471	60
Ramp I-264 to I-64 towards VA Beach	777	4	33	50
I-664 to I-264 EB	4849	32	239	60
I-264 to I-664 WB	1165	20	110	60
I-64 to Suffolk to I-664 WB	3172	48	265	50
I-64 to Suffolk to I-264 EB	977	6	42	50
I-64 to VA Beach	3098	23	174	50
Military Hwy WB 2	275	2	13	40
Military Hwy EB 2	1355	12	64	40
Military Hwy EB	767	7	36	40
I-664 Seg 5 SB-2	3828	23	169	60
I-664 Seg 5 SB-2-2	2802	16	117	60
I-664 Seg 5 NB-2	3790	92	503	60
I-664 Seg 5 SB-2-2-2	3913	23	174	60

Table B-2: 2040 No-Build Alternative Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
I-664 Seg 5 NB-2	2987	74	404	60
I-664 Seg 5 SB-2-2-2-2	3662	23	170	60
I-664 Seg 5 NB-2	4205	95	525	60
I-664 Seg 5 SB-2-2-2-2-2	4178	24	183	60
Ramp I-664 NB to Dock Landing EB-2	229	3	18	35
I-664 Seg 5 SB-2-2-2-2-2-2	3420	11	84	60
I-664 Seg 5 NB-2	3861	98	536	60
I-664 to I-264 EB-2	2192	13	95	60
Ramp I-664 NB to W Military Highway EB	260	0	0	25
Dock Landing Rd WB-2	556	4	15	40
Dock Landing Rd EB-2	511	4	15	40
Dock Landing Rd WB-2	643	6	21	40
Dock Landing Rd EB-2-2	339	5	16	40
Military Hwy WB 2-2	284	2	13	40
Ramp I664 NB to Power Plant	277	2	11	40
Ramp I664 SB to Aberdeen Rd	756	5	39	40
Ramp Aberdeen Rd to I664 NB	343	6	31	35
Aberdeen Rd NB	583	8	29	40
Ramp I664 NB to Aberdeen Rd	286	2	12	40
Ramp Aberdeen Rd to I664 SB	347	3	20	40
Chestnut Ave NB	197	2	6	25
Chestnut Ave SB	355	3	12	25
Aberdeen Rd SB	707	24	84	40
Ramp Roanoke Ave to I664 SB	140	1	9	40
Ramp I664 NB to Roanoke Ave	173	1	6	35
Roanoke Ave NB	77	3	10	25
Roanoke Ave SB	173	4	13	25
W Pembroke Ave WB	310	6	19	35
Power Plant Pkwy NB	789	14	47	45
Power Plant Pkwy SB	368	6	21	45
I-664 Seg 1 SB	4830	24	176	60
I-664 Seg 1 NB-2	2846	74	405	60
39th St EB-3	225	5	15	35
I-664 Seg 1 SB-2	5163	25	187	60
Power Plant Pkwy SB-2	446	9	30	45
Power Plant Pkwy SB-2-2	581	10	34	45
Power Plant Pkwy NB-2-2	365	7	23	45

Table B-2: 2040 No-Build Alternative Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
I-664 Seg 1 NB-2-2	2898	76	416	60
I-664 Seg 1 SB-2-2	4407	20	148	60
I-664 Seg 1 NB-2-2	3175	78	427	60
Aberdeen Rd NB-2	1134	17	59	40
Aberdeen Rd SB-2	617	21	72	40
Aberdeen Rd SB-2-2	552	11	37	40
Aberdeen Rd NB-2	634	9	32	40
Aberdeen Rd NB-2	583	8	29	40
Aberdeen Rd SB-2-2-2	552	11	37	40
W Pembroke Ave EB-2-2	177	3	10	35
39th St WB	310	6	19	35
Ramp Aberdeen Rd to I664 SB-2	900	2	18	40
I-664 Seg 1 SB-2-2-2	3856	20	149	60
I-664 Seg 1 NB-2-2	2832	72	396	60
Ramp I664 NB to Aberdeen Rd-2	300	4	21	35
39th St WB-2	724	6	20	35
39th St WB-3	788	7	25	35
39th St EB-2	228	4	13	35
39th St EB	177	3	10	35
Chestnut Ave NB-2	281	4	15	25
Chestnut Ave NB-2-2	98	2	5	25
Chestnut Ave NB-2-2-2	531	4	15	25
Chestnut Ave SB-2	688	5	17	25
Chestnut Ave SB-2-2	242	3	10	25
Roanoke Ave NB-2	70	2	8	25
Roanoke Ave NB-2-2	148	3	9	25
Roanoke Ave NB-2-2-2	117	2	6	25
Roanoke Ave SB-2	97	2	6	25
Roanoke Ave SB-2-2	187	4	14	25
Roanoke Ave SB-2-2-2	128	4	13	25
Ramp I-664 SB to College Dr SB	418	1	6	25
Ramp College Dr SB to I-664 NB	190	1	4	25
Ramp I-664 NB to College Dr NB	268	2	10	25
Ramp College Dr NB to I-664 SB	252	1	7	25
Ramp I-664 SB to College Dr NB	229	1	10	35
Ramp College Dr NB to I-664 NB	643	3	14	35
Ramp I-664 NB to College Dr SB	844	2	9	50

Table B-2: 2040 No-Build Alternative Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
Ramp College Dr SB to I-664 SB	184	2	14	45
Ramp I664 NB to Western Fwy EB and Bridge Rd EB	883	14	73	45
Ramp I-664 SB to Pughsville Rd WB or EB	633	9	68	40
Western Fwy WB	945	3	62	65
Ramp I-664 SB to Western Fwy WB	816	8	56	50
Western Fwy Seg 1 EB	1605	4	101	60
Ramp I-664 SB to Western Fwy EB	709	7	49	50
Ramp Western Fwy WB to I-664 NB	753	9	48	40
Ramp Western Fwy WB to I-664 SB	429	9	67	25
Ramp Western Fwy EB to I-664 NB	485	0	0	25
Ramp I-664 NB to Western Fwy EB	555	5	30	25
Ramp Bridge Rd EB & WB to I-664 SB	1171	3	21	40
Ramp I664 NB & SB to Western Fwy EB	1196	5	134	45
I-664 Seg 3 NB	3235	77	423	60
I-664 Seg 3 SB	2794	20	146	60
I-664 Seg 4 NB	4079	79	432	60
I-664 Seg 4 SB	2584	20	151	60
I-664 Seg 5 SB	1767	13	95	60
Western Fwy Seg 2 EB	2507	8	235	60
I-664 Seg 5 NB-2	4124	93	508	60
I-664 Seg 3 SB-2	2566	18	136	60
I-664 Seg 3 SB-2-2	2400	18	137	60
I-664 Seg 5 SB-2	2307	24	179	60
I-664 Seg 5 NB-2-2-2	3396	75	414	60
I-664 Seg 5 NB-2-2-2-2	3326	70	384	60
I-664 Seg 3 NB-2	3157	76	417	60
I-664 Seg 5 SB-2-2	3478	27	200	60
Ramp I-664 SB to Western Fwy WB-2	107	1	7	50
Western Fwy Seg 2 EB-2	2870	8	237	60
Western Fwy Seg 2 WB-2-2	1699	5	116	60
Western Fwy WB-2	958	0	7	60
Western Fwy Seg 1 EB-2	1310	4	101	65
I-664 Seg 3 NB-2-2	3799	79	432	60
I-664 Seg 2 NB	3799	79	432	60
I-664 Seg 2 SB	2045	18	137	60
Ramp 664SB/Aberdeen Turn Ln	591	4	30	40
Chestnut Ave SB	343	6	21	25

Table B-2: 2040 No-Build Alternative Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
Ramp I664 to Warwick Blvd	1009	1	10	35
Ramp Lane I664 SB to 26th/27th	943	1	11	35
Ramp Lane I664 SB to 27th	203	0	2	35
Ramp Lane I664 SB to 26th	740	1	9	35
Ramp Lane 26th St to I664 NB or 36th	289	1	5	35
Ramp I664 NB to 26th St	378	1	6	25
Ramp I664 NB or 26th St to 26th St	378	1	6	25
W Pembroke Ave EB	225	5	15	35
Ramp 23rd St to I664 SB	138	0	2	35
Ramp 23rd St	118	0	2	35
23rd St	74	0	1	35
Ramp I664 NB to Terminal Ave	136	2	12	25
Ramp Terminal Ave to I664 NB	57	1	7	25
Jefferson Ave Seg 2 NB	345	7	23	25
Jefferson Ave Seg 2 SB	237	4	14	25
Jefferson Ave Seg 1 SB	172	4	14	25
Jefferson Ave Seg 1 NB	345	7	23	25
Ramp Jefferson Ave to I64 SB	332	0	3	35
Ramp 26th St to I64 SB	79	0	1	35
28th St	190	2	8	30
I-664 Seg 1 NB	3018	75	412	60
I-664 Seg 1 SB-2	4407	20	148	60
I-664 Seg 2 NB-2	3664	76	420	60
I-664 Seg 2 NB-2-2	3720	78	427	60
I-664 Seg 2 NB-2-2-2	3720	78	427	60
I-664 Seg 2 NB-2-2-2-2	3257	75	413	60
Ramp I664 NB to E and W 26th St-2	472	1	7	25
I-664 Seg 2 NB-2-2-2-2-2	2743	61	336	60
Ramp Lane 26th St to I664 NB or 36th-2	447	1	7	25
I-664 Seg 2 NB-2-2-2-2-2	2626	74	405	60
Ramp I664 NB to Roanoke Ave-2	173	1	6	35
I-664 Seg 1 SB-2-2	3996	21	158	60
I-664 Seg 1 SB-2-2	3856	20	149	60
Ramp I664 NB to Aberdeen Rd-2-2	300	4	21	35
I-664 Seg 1 NB-2-2-2	2832	72	396	60
I-664 Seg 1 SB-2-2	3840	17	128	60
I-664 Seg 1 SB-2-2-2	2987	20	148	60

Table B-2: 2040 No-Build Alternative Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
I-664 Seg 2 SB-2	2805	20	150	60
I-664 Seg 2 SB-2	2593	19	143	60
I-664 Seg 2 SB-2-2	2708	19	143	60
Ramp I664 SB to Aberdeen Rd-2	165	1	9	40
Chestnut Ave NB-2	531	4	15	25
Chestnut Ave NB-2	93	3	9	25
Chestnut Ave SB-2	782	7	26	25
W Pembroke Ave WB-2	723	6	21	35
W Pembroke Ave EB-2	177	3	10	35
W Pembroke Ave EB-2	227	4	14	35
W Pembroke Ave WB-2-2	788	7	25	35
Roanoke Ave SB-2	128	4	13	25
Chestnut Ave SB-2-2	688	5	17	25
Ramp I664 to Warwick Blvd-2	722	1	7	35
Jefferson Ave Seg 1 NB-2	348	6	21	25
Jefferson Ave Seg 1 SB-2	237	4	14	25
Jefferson Ave Seg 1 NB-2-2	199	6	20	25
Jefferson Ave Seg 1 SB-2	182	4	14	25
Jefferson Ave Seg 1 SB-2-2	228	4	13	25
Jefferson Ave Seg 1 NB-2-2	328	6	21	25
Ramp Huntington Ave to 35th St-2	44	0	1	40
Ramp Huntington Ave to I664 NB-2	392	1	7	40
Ramp Huntington Ave to 35th St-2-2	44	0	1	40
I-664 Seg 1 NB-3	3132	76	417	60
Ramp Huntington Ave to 35th St-2	652	2	11	40

Table B-3: 2040 Build Alternative B Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
I2_164_SB_College Dr_ENT	837	11	37	50
I4_164_NB_College Dr_ENT	724	14	47	50
R32_164_WB_Off Ramp to SR 135 NB	438	1	11	35
I8_164_SB_Towne Point Rd_ENT	1363	4	13	35
I10_164_NB_Towne Point Rd_ENT	515	2	8	35
I17_164_NB_Cedar Ln_ENT	858	7	25	35
I14_164_SB_Cedar Ln_ENT	807	7	26	35
Ramp Cedar Ln NB to Rt164 EB	654	1	20	25
R3_164_EB_On Ramp from I-664 NB	1376	5	154	45
I3_164_SB_College Dr_EXT	943	12	40	50
I5_164_SB_College Dr_EXT	690	9	31	50
I1_164_NB_College Dr_ENT	614	13	43	50
R33_164_WB_Off Ramp to SR 135 SB	107	0	3	25
I11_164_SB_Towne Point Rd_EXT	738	4	13	35
I9_164_SB_Towne Point Rd_EXT	1039	4	12	35
I7_164_NB_Towne Point Rd_EXT	417	4	14	35
I6_164_NB_Towne Point Rd_ENT	467	2	6	50
703_164_EB_ML	1664	4	122	60
705_164_EB_ML	3039	10	276	60
R4_164_EB_On Ramp from SR 135	377	0	3	35
R31_164_WB_Off Ramp to SR 135	546	1	13	35
826_164_WB_ML	1973	5	112	60
707_164_EB_ML	3416	10	279	60
R30_164_WB_On Ramp from Towne Pnt	635	0	5	35
R5_164_EB_Off Ramp to Towne Pnt Rd	344	0	6	25
R6_164_EB_On Ramp from Towne Pnt R	690	0	10	30
R29_164_WB_Off Ramp to Towne Pnt R	262	1	12	25
709_164_EB_ML	3072	10	273	60
711_164_EB_ML	3761	10	284	60
824_164_WB_ML	2518	6	126	60
822_164_WB_ML	1884	6	120	60
820_164_WB_ML	2147	6	132	60
R28_164_WB_On Ramp from Cedar Ln	654	1	20	25
R7_164_EB_Off Ramp to Cedar Ln	998	0	12	35
R27_164_WB_Off Ramp to Cedar Ln	302	1	12	25
761_164_EB_ML	2763	10	272	60
I13_164_NB_Cedar Ln_EXT	619	6	20	35

Table B-3: 2040 Build Alternative B Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
I15_164_SB_Cedar Ln_EXT	679	7	24	35
I16_164_SB_Cedar Ln_ENT	674	8	28	35
NB Cedar Ln Overpass	1274	8	28	35
818_164_WB_ML	1493	5	112	60
College Ave SB	943	12	40	50
College Ave NB	614	13	43	50
R9_164_EB_On Ramp from N Cedar Ln	733	2	70	40
I17_164_SB_Cedar Ln_EXT	858	7	25	35
I12_164_NB_Cedar Ln_ENT	1274	8	28	35
Interchange VA 164C EB	999	7	149	25
Interchange VA 164C EB 2	852	2	66	50
Interchange VA 164C WB	372	5	98	40
Interchange VA 164C WB 2	1014	3	73	40
Interchange VA 164 EB Ramp 2	301	1	38	40
Interchange VA 164 EB Ramp 3	892	5	129	50
Interchange VA 164 EB Ramp 4	20	0	5	40
Interchange VA 164 WB Ramp 2	14	1	20	40
Interchange VA 164 WB Ramp 3	104	4	82	35
Interchange VA 164C WB-2	352	4	93	40
812_164_WB_ML	1767	8	180	60
Interchange VA 164C EB-2	1930	5	150	55
Interchange VA 164C EB-2	1078	3	84	55
Interchange VA 164 EB Ramp 3-2	40	2	63	50
Interchange VA 164 EB Ramp 4-2	228	4	123	40
Interchange VA 164 WB Ramp 3-2	90	3	62	40
Interchange VA 164C WB-2-2	733	3	69	40
763_164_EB_ML	1872	5	143	60
764_164_EB_ML	2604	8	213	60
865_164_WB_ML	1795	6	124	60
864_164_WB_ML	782	2	51	60
862_164_WB_ML	767	1	32	60
College Ave Part 2 SB	943	12	40	50
College Ave Part 2 NB	614	13	43	50
SB Towne Point Rd N of VA164 WB Ra	1363	4	13	35
NB Towne Point Rd S of VA164 EB Ram	515	2	8	35
I17_164_NB_Cedar Ln_ENT	607	5	18	35
I14_164_SB_Cedar Ln_ENT	700	7	23	35

Table B-3: 2040 Build Alternative B Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
R9_164_EB_On Ramp from N Cedar Ln	301	1	38	40
Ramp I664 NB & SB to Western Fwy EB-2	1376	5	154	45
I12_164_NB_Cedar Ln_ENT	959	6	20	35
I13_164_NB_Cedar Ln_EXT	480	5	15	35
I15_164_SB_Cedar Ln_EXT	637	6	22	35
I16_164_SB_Cedar Ln_ENT	442	5	18	35
I17_164_SB_Cedar Ln_EXT	783	6	21	35
Rt 164 EB Extension	2398	7	205	60
VA 164C EB	1930	5	150	55
VA 164C WB	1386	8	171	55
VA 164C WB 2	1386	8	171	55
Ramp Towne Point Rd to Rt164 WB	635	0	5	35
Ramp Rt164 EB to Towne Point Rd	344	0	6	25
R28_164_WB_On Ramp from Cedar Ln	460	1	14	25
Interchange VA 164 EB Ramp 2-2	341	4	101	40
Interchange VA 164C EB-3	952	2	56	25
Rt 164 WB Extension	1401	7	157	60
VA 164C EB 2	1930	5	150	55
SB Towne Point Rd Overpass	1039	4	12	35
NB Towne Point Rd N of VA164 WB Ra	417	4	14	35
SB Towne Point Rd S of VA164 EB Ram	738	4	13	35
NB Towne Point Rd Overpass	467	2	6	50
I-564R-NB	525	0	0	55
Ramp - Granby St EB to I564 NB	452	6	17	25
I-564R EXIT 0A-WB-Ramp - I564 HOV to I64 HOV	525	0	0	55
Ramp_I64_EB_to_I564_WB	878	7	30	40
Granby Street NB_2-Granby Street South NB	730	10	35	35
I-64E EXIT 276B to Granby St	1195	9	41	40
I-64R EXIT 0A-I-64R-WB	670	0	0	55
I-564N-NB-I564 NB-I-564N-NB-I564 NB-2	3144	85	91	55
Ramp_I564_EB_to_I64_EB-I-564S-SB-I564 SB-2-I-564	570	1	4	55
I64-EB 10-I64-EB 7-I64-EB 6-I64-EB 5-I64-EB 8-I6-2-2	3244	29	132	55
Granby Street South SB-Granby Street SB_1-2-2-2	1035	6	19	35
I64-WB 11-I64-WB 9-I64-WB 7-I64-WB 5-I64-WB 6-I6	3396	49	130	55
[4] off-ramp	214	2	9	45
[5] I-564 EB	622	6	27	45
[6] I-564 WB (right lanes) part 1	2237	101	270	55

Table B-3: 2040 Build Alternative B Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
[7] I-564 WB (left lanes) part 1	2237	0	0	55
[8] I-564 WB (left lanes) part 2	2237	0	0	55
[9] I-564 WB (right lanes) part 2	1976	88	235	55
[10] I-564 WB part 1	3178	81	216	55
[15] Off-ramp I-564 EB to Granby	79	0	1	45
[18] I-564 WB part 2	3178	81	216	55
Ramp - I564 SB to I64 NB-2	355	3	7	40
Ramp - I564 SB to I64 NB-[12] I-564 EB off-ramp	204	3	13	50
[23] Terminal Blvd WB-[3] I-564 WB off-ramp	1296	20	54	25
[22] Terminal Blvd EB-[0] Flyover ramp fr Termin	836	8	36	45
[16] Granby St SB	1035	6	19	35
[17] Granby St NB	730	10	35	35
Ramp_I564_EB_to_I64_EB-I-564S-SB-I564 SB-2-I-564-2	1527	15	68	55
I-64E EXIT 276B to Granby St-2	317	2	11	40
I64-EB 10-I64-EB 7-I64-EB 6-I64-EB 5-I64-EB 8-I6-2-2-2	3799	32	149	55
I64-WB 11-I64-WB 9-I64-WB 7-I64-WB 5-I64-WB 6-I6-2	2980	46	124	55
[19] I-564 EB part 1-[11] I-564 EB part 2	1109	12	54	55
Ramp_I564_EB_to_I64_EB-I-564S-SB-I564 SB-2-I-564-2-2	1389	14	62	55
21-Terminal Ramp EB auto	648	0	0	25
21-Terminal Ramp EB truck	648	20	54	25
20-Terminal Ramp WB auto	418	7	36	45
20-Terminal Ramp WB truck	419	0	0	45
17-Hampton SB truck	157	6	14	40
17-Hampton SB auto	313	0	0	40
16-Hampton NB auto	1382	0	0	40
16-Hampton NB truck	461	19	39	40
1-564_EB-TB_IMC-I1_2_3	555	0	0	55
1-564_EB-TB_IMC-I4	554	12	54	55
2-564_WB-TB_IMC-I1	1059	81	216	55
2-564_WB-TB_IMC-I2_3	1060	0	0	55
2-564_WB-TB_IMC-I4	1060	0	0	55
3-564_EB-ADB_IMC-I1	84	2	9	55
3-564_EB-ADB_IMC-I2_3	85	0	0	55
4-564_WB-ADB_IMC-I1	623	0	0	55
4-564_WB-ADB_IMC-I2_3	622	53	142	55
14-Seabee_WB-WoExSeabee	570	23	47	30
15-Seabee_EB-WoExSeabee	154	2	4	30

Table B-3: 2040 Build Alternative B Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
22-564_WB-TB_IMC-I1	1491	101	270	55
22-564_WB-TB_IMC-I2_3	1492	0	0	55
22-564_WB-TB_IMC-I4	1492	0	0	55
on-ramp from IC to I-564 Conn EB	228	2	10	45
off-ramp frm I-564C WB to Hampton Blvd	617	9	24	35
I-564 Conn EB GP lanes at IC pt 2	705	9	41	55
I-564 Conn WB GP lanes from I-564 to IC	1933	28	74	40
off-ramp from I-564C WB to IC (autos)	300	0	0	35
Off-ramp from I-564C WB to IC/Hmptn Bl	926	50	133	55
I-564 Conn WB GP to CIC	1428	61	161	55
I-564 Conn EB GP from CIC	1965	34	156	55
I-564 Conn EB from IC to I-564	940	10	45	40
I-564 Conn WB GP lanes from IC to CIC-2	906	45	119	55
I-564 Conn WB GP lanes from I-564	926	0	0	55
I-564 Conn EB GP lanes at IC pt 2-2	940	10	45	40
R2_664_EB_On Ramp from I-64 EB	3292	20	153	50
R94_664_WB_Off Ramp to I-64	802	7	36	50
R3_64_EB_Off Ramp to SR 167S	527	1	2	35
654_664_WB_ML	2328	68	374	55
R42_64_WB_On Ramp from SR 134	1467	9	24	40
501_664_EB_ML	1568	4	28	55
R5_64_EB_On Ramp from SR 167N	34	0	1	25
R4_64_EB_On Ramp from SR 167S	66	1	3	25
R41_64_WB_Off Ramp to SR 167	123	2	5	25
R32_64_WB_Off Ramp to SR 134	449	3	8	35
R6_64_EB_Off Ramp to RipRap Rd	1131	7	32	40
229_64_WB_ML_Inner	2046	0	0	55
I64_Innes_Lanes_EB_1	3758	0	0	55
652_664_WB_ML	3130	75	410	60
503_664_EB_ML	4860	24	181	60
I2_64_NB_LaSalle Ave_ENT	740	6	19	35
I3_64_SB_LaSalle Ave_ENT	647	4	14	35
I6_64_EB_Armistead Ave_ENT	808	8	29	45
I7_64_WB_Armistead Ave_ENT	1147	6	22	45
I4_64_NB_LaSalle Ave_EXT	447	3	10	35
I5_64_SB_LaSalle Ave_EXT	432	5	18	35
223_64_WB_ML	4764	66	175	55

Table B-3: 2040 Build Alternative B Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
I64 EB 2-I64 EB Outer Lanes 1-I64 EB 3	3757	120	320	55
I201_64_N_Rip Rap Rd	988	14	48	35
101_64_EB_ML_Outer	2155	32	147	55
102_64_EB_ML	5113	40	182	55
103_64_EB_ML	4586	39	180	55
104_64_EB_ML	4695	40	185	55
106_64_EB_ML	4728	41	186	55
108_64_EB_ML	3597	34	154	55
225_64_WB_ML	4315	63	167	55
227_64_WB_ML	4192	61	162	55
229_64_WB_ML	4092	61	162	55
I64 WB Outer Lanes 1-I64 WB 2-I64 WB 3-2-2-2-2	3400	51	233	55
101_64_EB_ML_Inner	2156	0	0	55
I64_Inner_Lanes_WB 1-2	3401	0	0	55
101_64_EB_ML	4311	32	147	55
229_64_WB_ML_Outer	2046	61	162	55
I202_64_S_Rip Rap Rd	799	14	47	35
I1_64_WB_Armistead Ave_EXT	1898	12	40	45
I8_64_EB_Armistead Ave_EXT	566	4	15	45
505_664_EB_ML	4573	22	165	60
650_664_WB_ML	2690	71	389	60
R3_664_EB_Off Ramp to Power PI Pkw	287	2	16	40
R93_664_WB_On Ramp from Power PI P	440	4	21	40
I1_664_WB_Powhatan Pkwy_EXT	328	6	21	45
I2_664_WB_Powhatan Pkwy_ENT	420	8	27	45
I3_664_EB_Powhatan Pkwy_ENT	354	6	20	45
I4_664_EB_Powhatan Pkwy_EXT	436	9	30	45
I6_664_EB_Powhatan Pkwy_EXT	600	10	35	45
I5_664_WB_Powhatan Pkwy_ENT	766	13	46	45
R4_664_EB_On Ramp from Power PI P	323	1	11	35
R92_664_WB_Off Ramp to Power PI Pk	277	2	11	40
R34_64_WB_On Ramp from SR 134	1467	9	24	40
R4_64_EB_On Ramp from SR 167S	109	1	5	25
R40_64_WB_Off Ramp to SR 134	449	3	8	35
228_64_WB_ML	5659	70	186	55
I201_64_N_Rip Rap Rd-2	799	14	47	35
217_64_WB_ML	4459	63	168	55

Table B-3: 2040 Build Alternative B Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
R36_64_WB_Off Ramp to SR 169	396	1	3	25
R7_64_EB_Off Ramp to SR 143/US 60	690	3	12	25
R39_64_WB_On Ramp from Route 60	790	4	11	40
R8_64_EB_On Ramp from SR 143/60	1035	6	29	40
R38_64_WB_Off Ramp to Route 60	438	3	9	25
R37_64_WB_On Ramp from SR 169	350	3	7	25
R10_64_EB_On Ramp from SR 169	759	1	5	40
R9_64_EB_Off Ramp to SR169	148	0	2	20
114_64_EB_ML	4553	38	174	55
I15_64_WB_Settlers Landing Rd_EXT	477	6	22	35
I16_64_WB_Settlers Landing Rd_ENT	627	6	22	35
I13_64_EB_Settlers Landing Rd_ENT	1270	8	27	35
I200_64_Mallory St	1140	3	12	36
110_64_EB_ML	2907	31	142	55
219_64_WB_ML	4062	62	166	55
221_64_WB_ML	3975	61	164	55
112_64_EB_ML	3794	37	169	55
I14_64_EB_Settlers Landing Rd_EXT	1370	11	39	35
217_64_WB_ML_2	4459	63	168	55
I200_64_Mallory St	1130	3	12	36
114_64_EB_ML_2	4553	38	174	55
R13_64_EB_Off Ramp to 4th View St	514	1	5	35
R24_64_WB_Off Ramp to 4thView St	151	1	3	35
R14_64_EB_On Ramp from 4th View S	294	1	5	40
R25_64_WB_On Ramp from 4th View S	513	3	9	40
Bayville Street	110	0	0	25
I21_64_WB_4th View St_ENT	736	4	15	35
I22_64_EB_4th View St_ENT	138	0	2	35
114_64_EB_ML	3036	38	174	55
211_64_WB_ML	2545	59	158	55
120_64_EB_ML	2683	37	168	55
118_64_EB_ML	3036	38	174	55
217_64_WB_ML	4038	58	154	55
213_64_WB_ML	2936	63	168	55
I23_64_EB_4th View St_EXT	317	2	6	35
I24_64_EB_4th View St_EXT	365	2	8	35
I20_64_WB_4th View St_ENT	331	1	3	35

Table B-3: 2040 Build Alternative B Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
I19_64_WB_4th View St_EXT	366	1	3	35
114_64_EB_ML_autos	1517	0	0	55
211_64_WB_ML_autos	1273	0	0	55
118_64_EB_ML_autos	1517	0	0	55
120_64_EB_ML_autos	1342	0	0	55
213_64_WB_ML_autos	1468	0	0	55
217_64_WB_ML-2_autos	1486	0	0	55
217_64_WB_ML-2	2973	63	168	55
R13_64_EB_Off Ramp to 4th View St	559	1	5	35
R24_64_WB_Off Ramp to 4thView St	166	1	3	35
R23_64_WB_Off Ramp to Bellinger Bl	507	1	2	25
R15_64_EB_On Ramp from SR 8623	291	2	7	40
R14_64_EB_On Ramp from 4th View S	329	1	5	40
R25_64_WB_On Ramp from 4th View S	586	4	10	40
I21_64_WB_4th View St_ENT	853	5	17	35
I22_64_EB_4th View St_ENT	133	0	2	35
118_64_EB_ML	3055	38	174	55
207_64_WB_ML	2293	61	164	55
122_64_EB_ML	2902	38	174	55
209_64_WB_ML	2655	61	161	55
124_64_EB_ML	3097	39	181	55
I20_64_WB_4th View St_ENT	381	1	3	35
I19_64_WB_4th View St_EXT	391	1	3	35
I23_64_EB_4th View St_EXT	347	2	6	35
I24_64_EB_4th View St_EXT	403	3	9	35
207_64_WB_ML_Auto	1497	0	0	55
118_64_EB_ML_Auto	1528	0	0	55
120_64_EB_ML_Auto	1343	0	0	55
213_64_WB_ML_Auto	1468	0	0	55
122_64_EB_ML_Auto	1451	0	0	55
211_64_WB_ML_Auto	1273	0	0	55
209_64_WB_ML_Auto	1328	0	0	55
124_64_EB_ML_Auto	1548	0	0	55
209_64_WB_ML-2	2655	61	161	55
122_64_EB_ML-2	2902	38	174	55
R22_64_WB_On Ramp from US 460	504	7	19	40
I27_64_SB_Granby St_ENT	1143	6	21	35

Table B-3: 2040 Build Alternative B Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
Bellinger_EB	312	1	4	30
205_64_WB_ML	2658	54	145	55
I26_64_NB_Granby St_ENT	730	10	35	35
207_64_WB_ML	2993	61	164	55
209_64_WB_ML	2656	61	161	55
Bellinger_EB-2	312	1	4	30
205_64_WB_ML_Auto	1328	0	0	55
209_64_WB_ML_Auto	1327	0	0	55
I25_64_NB_Granby St_EXT	332	5	18	35
I28_64_SB_Granby St_EXT	1035	6	19	35
209_64_WB_ML-2	2656	61	161	55
124_64_EB_ML-2	3097	39	181	55
209_64_WB_ML	2656	55	148	55
209_64_WB_ML-2	2656	55	148	55
R13_564_WB_I64 HOV WB to I564 WB2	525	0	0	55
R3_564_On Ramp from SR 406_WB	452	6	17	25
R20_64_WB_Off Ramp to US 460	417	2	6	35
R10_564_Terminal Rd to I64 WB_NB	355	3	7	40
R13_564_WB_I64 HOV WB to I564 WB	525	0	0	55
R17a_64_EB_Off Ramp to I-564 NB	878	7	30	40
R17_64_EB_Off Ramp to I-564N/Granby	1195	9	41	40
R12_564_I64 WB HOV to I64 WB	670	0	0	55
401_564_WB_ML	3144	85	226	55
305_564_EB_ML	905	9	41	55
201_64_WB_ML	3396	49	130	55
125_64_EB_ML	3097	39	181	55
307_564_EB_ML	1527	15	68	55
402_564_WB_ML	3596	91	243	55
R17b_64_EB_Off Ramp to Gransby Rd	317	2	11	40
127_64_EB_ML	3799	32	149	55
126_64_EB_ML	3244	29	132	55
203_64_WB_ML	2980	46	124	55
403_564_WB_ML	4474	101	270	55
309_564_EB_ML	1389	14	62	55
125_64_EB_ML_Auto	1548	0	0	55
R10_564_Terminal Rd to I64 WB_NB-2	355	3	7	40
R69_664_WB_Off Ramp to SR 164N	987	15	83	45

Table B-3: 2040 Build Alternative B Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
R24_664_EB_Off Ramp to SR 164S	612	13	95	50
701_164_EB_ML	1944	4	122	60
R24a_664_EB_Off Ramp to SR 164S EB	816	8	56	50
R25_664_EB_On Ramp from SR 164S	1308	3	24	25
R27_664_EB_On Ramp from US 17 WB	461	1	8	40
R26_664_EB_On Ramp from US 17	848	2	15	40
I53_664_EB_Bridge Rd_ENT	1590	7	23	45
R28_664_EB_On Ramp From US 17 EB	848	2	15	40
533_664_EB_ML	1307	10	73	60
535_664_EB_ML	1919	23	168	60
622_664_WB_ML	3170	70	385	60
624_664_WB_ML	2986	64	350	60
537_664_EB_ML	2767	25	183	60
R24b_664_EB_Off Ramp to SR 164S W	97	1	7	50
I54_664_EB_Bridge Rd_EXT	1170	3	12	45
I52_664_WB_Bridge Rd_EXT	461	2	7	45
830_164_WB_ML	1115	0	0	60
539_664_EB_ML	2767	25	183	60
R72_664_WB_On Ramp from SR 164N	450	0	0	25
R73_664_WB_Off Ramp to SR 164S	635	6	34	25
622_664_WB_ML-2	3170	70	385	60
R74_664_WB_On Ramp from SR 164S	865	10	55	40
R71_664_WB_Off Ramp to VA 164	596	9	50	45
626_664_WB_ML	3850	74	406	60
531_664_EB_ML	2221	18	136	60
I57_664_SB_College Dr_ENT	837	11	37	50
I59_664_NB_College Dr_ENT	614	13	43	50
I55_664_NB_College Dr_ENT	614	13	43	50
I58_664_SB_College Dr_EXT	943	12	40	50
I60_664_SB_College Dr_EXT	690	9	31	50
828_164_WB_ML	1108	2	50	65
533_664_EB_ML-2	1307	10	73	60
R24a_664_EB_Off Ramp to SR 164S EB-2	816	8	56	50
R70_664_WB_Off Ramp to US 17	391	6	33	45
I51_664_WB_Bridge Rd_ENT	918	5	17	45
I54_664_EB_Bridge Rd_EXT-2	1170	3	12	45

Table B-4: 2040 Build Alternative C Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
I17_164_NB_Cedar Ln_ENT	917	6	22	35
I14_164_SB_Cedar Ln_ENT	725	7	23	35
R27_164_WB_Off Ramp to Cedar Ln	324	1	15	25
R8_164_EB_On Ramp from S Cedar Ln	194	0	6	25
R28_164_WB_On Ramp from Cedar Ln	552	1	17	25
R9_164_EB_On Ramp from N Cedar Ln	425	2	53	40
820_164_WB_ML_RT164	1444	6	120	60
I12_164_NB_Cedar Ln_ENT	1145	7	23	35
I13_164_NB_Cedar Ln_EXT	504	5	16	35
I15_164_SB_Cedar Ln_EXT	713	7	25	35
I16_164_SB_Cedar Ln_ENT	723	5	17	35
I17_164_SB_Cedar Ln_EXT	723	5	17	35
711_164_EB_ML_RT164	2500	6	184	60
Interchange VA 164 EB Ramp 3	448	2	65	50
Interchange VA 164 EB Ramp 2	425	2	53	40
761_164_EB_ML	1992	8	220	60
Interchange VA 164 EB Ramp 3-2	29	2	45	50
864_164_WB_ML	680	6	119	60
865_164_WB_ML	1146	7	152	65
818_164_WB_ML	819	7	139	60
R7_164_EB_Off Ramp to Cedar Ln	508	0	36	25
Rt 164 EB Extension	2369	8	233	60
VA 164C EB	967	3	75	55
VA 164C WB	930	5	115	55
Interchange VA 164C EB	515	4	77	25
Interchange VA 164C EB 2	407	1	32	50
VA 164C WB 2	930	5	115	55
Interchange VA 164C WB 2	465	2	33	40
Interchange VA 164 EB Ramp 4	20	0	5	40
Interchange VA 164 WB Ramp 2	20	1	28	40
Interchange VA 164 WB Ramp 3	98	4	78	35
Interchange VA 164 WB Ramp 3-2	75	2	52	40
Interchange VA 164 EB Ramp 2-2	425	4	125	40
Interchange VA 164C EB-2	560	2	43	55
Interchange VA 164C WB-2	411	5	109	40
Interchange VA 164 EB Ramp 4-2	304	6	165	40
Interchange VA 164C EB-3	448	1	26	25

Table B-4: 2040 Build Alternative C Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
Interchange VA 164C WB-2-2	915	4	86	40
763_164_EB_ML	1422	5	138	60
764_164_EB_ML	2460	8	237	60
862_164_WB_ML	647	3	70	60
812_164_WB_ML	1191	7	152	60
Rt 164 WB Extension	1083	7	145	60
Interchange VA 164C WB	431	5	114	40
VA 164C EB 2	967	3	75	55
R7_164_EB_Off Ramp to Cedar Ln	766	0	9	35
I-564R-NB	570	0	0	55
Ramp - Granby St EB to I564 NB	470	1	24	25
I-564R EXIT 0A-WB-Ramp - I564 HOV to I64 HOV	570	0	0	55
Ramp_I64_EB_to_I564_WB	744	6	25	40
Granby Street NB_2-Granby Street South NB	621	9	30	35
I-64E EXIT 276B to Granby St	917	7	31	40
I-64R EXIT 0A-I-64R-WB	1215	0	0	55
I-564N-NB-I564 NB-I-564N-NB-I564 NB-2	3617	98	260	55
Ramp_I564_EB_to_I64_EB-I-564S-SB-I564 SB-2-I-564	1314	13	58	55
I64-EB 10-I64-EB 7-I64-EB 6-I64-EB 5-I64-EB 8-I6-2-2	2951	28	126	55
Granby Street South SB-Granby Street SB_1-2-2-2	933	5	17	35
I64-WB 11-I64-WB 9-I64-WB 7-I64-WB 5-I64-WB 6-I6	2812	40	108	55
[4] off-ramp	233	0	12	45
[5] I-564 EB	508	1	26	45
[6] I-564 WB (right lanes) part 1	2416	113	300	55
[7] I-564 WB (left lanes) part 1	2416	0	0	55
[8] I-564 WB (left lanes) part 2	2416	0	0	55
[9] I-564 WB (right lanes) part 2	2416	113	300	55
[10] I-564 WB part 1	3645	94	251	55
[15] Off-ramp I-564 EB to Granby	64	0	1	45
[18] I-564 WB part 2	3645	94	251	55
Ramp - I564 SB to I64 NB-2	287	2	6	40
Ramp - I564 SB to I64 NB-[12] I-564 EB off-ramp	107	2	7	50
[23] Terminal Blvd WB-[3] I-564 WB off-ramp	1187	3	65	25
[22] Terminal Blvd EB-[0] Flyover ramp fr Termin	741	1	38	45
[16] Granby St SB	933	5	17	35
[17] Granby St NB	621	9	30	35
Ramp_I564_EB_to_I64_EB-I-564S-SB-I564 SB-2-I-564-2	1822	18	80	55

Table B-4: 2040 Build Alternative C Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
I-64E EXIT 276B to Granby St-2	173	1	6	40
I64-EB 10-I64-EB 7-I64-EB 6-I64-EB 5-I64-EB 8-I6-2-2-2	2951	28	126	55
I64-WB 11-I64-WB 9-I64-WB 7-I64-WB 5-I64-WB 6-I6-2	2327	38	100	55
[19] I-564 EB part 1-[11] I-564 EB part 2	1421	14	65	55
Ramp_I564_EB_to_I64_EB-I564S-SB-I564 SB-2-I-564-2-2	1685	16	74	55
21-Terminal Ramp EB auto	594	0	0	25
21-Terminal Ramp EB truck	593	3	65	25
20-Terminal Ramp WB auto	370	7	32	45
20-Terminal Ramp WB truck	371	0	0	45
17-Hampton SB truck	250	9	21	40
17-Hampton SB auto	500	0	0	40
16-Hampton NB auto	1033	0	0	40
16-Hampton NB truck	117	21	44	40
1-564_EB-TB_IMC-I1_2_3	711	0	0	55
1-564_EB-TB_IMC-I4	710	14	65	55
14-Seabee_WB-WoExSeabee	570	23	47	30
15-Seabee_EB-WoExSeabee	154	2	4	30
22-564_WB-TB_IMC-I1	1206	98	260	55
22-564_WB-TB_IMC-I2_3	1206	0	0	55
22-564_WB-TB_IMC-I4	1206	0	0	55
on-ramp from IC to I-564 Conn EB	372	0	7	45
off-ramp frm I-564C WB to Hampton Blvd	544	0	11	35
I-564 Conn EB GP lanes at IC pt 2	865	11	90	55
off-ramp from I-564C WB to IC (autos)	211	0	0	35
Off-ramp from I-564C WB to IC/Hmptn Bl	1062	52	139	55
I-564 Conn WB GP to CIC	2238	55	147	55
I-564 Conn EB GP from CIC	3450	20	90	55
I-564 EB relocated outside lanes at I-564	94	1	6	55
I-564 EB relocated inside lanes at I-564C	94	0	0	55
I-564 Conn WB GP lanes from I-564 to IC	1822	94	251	55
I-564 WB relocated outside lanes @ I-564	1822	0	0	55
I-564 WB relocated inside lanes at I-564	1822	0	0	55
I-564 Conn EB GP lanes from IC to I-564	1233	13	59	55
I-564 Conn WB GP lanes from I-564 to IC-2	2124	52	139	55
I-564 WB relocated outside lanes @ I-564-2	760	42	112	55
I-564 WB relocated inside lanes at I-564-2	761	0	0	55

Table B-4: 2040 Build Alternative C Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
I-564 Conn WB GP lanes from IC to CIC-2	1369	48	128	55
I-564 Conn WB GP lanes from I-564	1062	0	0	55
I-564 Conn WB TRANSIT lane from I-564 to CIC-2-2	685	0	0	55
R2_664_EB_On Ramp from I-64 EB	3786	24	176	50
R93_664_WB_Off Ramp to I-64	803	7	36	50
654_664_WB_ML	2688	77	425	55
501_664_EB_ML	1568	4	28	55
R5_64_EB_On Ramp from SR 167N	34	0	1	25
R32_64_WB_Off Ramp to SR 134	263	2	5	35
229_64_WB_ML_Inner	1660	0	0	55
I64_Innes_Lanes_EB_1	3790	0	0	55
I64 EB 2-I64 EB Outer Lanes 1-I64 EB 3	3789	57	259	55
101_64_EB_ML_Outer	1877	28	128	55
102_64_EB_ML	4556	36	163	55
102_64_EB_ML 2	4556	36	163	55
229_64_WB_ML 2	3319	51	135	55
229_64_WB_ML	3319	51	135	55
I64 WB Outer Lanes 1-I64 WB 2-I64 WB 3-2-2-2-2	3170	97	257	55
101_64_EB_ML_Inner	1877	0	0	55
I64_Inner_Lanes_WB 1-2	3171	0	0	55
101_64_EB_ML	3754	28	128	55
229_64_WB_ML_Outer	1659	51	135	55
I1_664_WB_Powhatan Pkwy_EXT	389	7	24	45
I2_664_WB_Powhatan Pkwy_ENT	489	9	32	45
I3_664_EB_Powhatan Pkwy_ENT	386	8	26	45
I4_664_EB_Powhatan Pkwy_EXT	439	7	24	45
I6_664_EB_Powhatan Pkwy_EXT	572	11	37	45
I5_664_WB_Powhatan Pkwy_ENT	773	13	44	45
I-664 NB Inner Lane	1117	0	0	60
I-664 SB Inner Lane	1785	0	0	60
Ramp I664 SB to Power Plant	296	2	17	40
Ramp Power Plant to I664 SB	362	2	12	35
Ramp Power Plant to I664 NB-2	426	4	20	40
Ramp Power Plant to I664 NB	426	4	20	40
I-664 NB Outer Lane Sect 6	2042	80	441	60
I-664 NB Outer Lane Sect 5	2233	82	453	60
Ramp I664 NB to Power Plant	286	2	12	40

Table B-4: 2040 Build Alternative C Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
I-664 SB Outer Lane Sect 1	3569	27	204	60
I-664 SB Outer Lane Sect 2	3372	25	187	60
I-664 SB Outer Lane Sect 1-2	3372	25	187	60
I-664 SB Inner Lane-2	1686	0	0	60
I-664 NB Inner Lane-2	1164	0	0	60
I-664 NB Outer Lane Sect 6-2	2326	84	461	60
I-664 NB Outer Lane Sect 5-2	2042	80	441	60
I-664 NB Inner Lane-2	1022	0	0	60
I-664 SB Outer Lane Sect 2-2	3612	27	199	60
I-664 SB Inner Lane-2-2	1807	0	0	60
R65_664_WB_Off Ramp to Pughsville Rd	105	1	8	30
I63_664_EB_Pughsville Rd_ENT	748	14	48	40
I65_664_WB_Pughsville Rd_ENT	1277	31	107	40
R31_664_EB_Off Ramp to Pughsville Rd E	312	4	33	40
R33_664_EB_On Ramp from Pughsville R	389	2	14	30
R70_664_WB_Off Ramp to US 17	391	6	33	45
R27_664_EB_On Ramp from US 17 WB	466	1	8	40
I51_664_WB_Bridge Rd_ENT	917	4	14	45
I53_664_EB_Bridge Rd_ENT	1666	8	26	45
R95_664_EB_Portsmouth Blvd	1180	8	42	40
R94_664_WB_Portsmouth Blvd	1114	9	52	40
Dock Landing Rd WB E of I664	743	8	29	40
Dock Landing Rd EB W of I664	684	6	20	40
Ramp I-664 SB to Dock Landing Rd EB	84	0	1	35
Ramp Dock Landing Rd EB to I-664 NB	320	1	4	25
R28_664_EB_On Ramp From US 17 EB	877	2	16	40
R71_664_WB_Off Ramp to VA 164	378	6	32	45
R66_664_WB_Off Ramp to Pughsville Rd	477	7	36	30
R34_664_EB_On Ramp from Pughsville R	595	3	22	30
R30_664_EB_Off Ramp to Pughsville Rd	388	6	41	40
Ramp Dock Landing Rd WB to I-664 NB 2	286	1	3	25
Ramp I-664 SB to Dock Landing Rd WB 2	221	0	3	35
I54_664_EB_Bridge Rd_EXT	790	3	12	45
I52_664_WB_Bridge Rd_EXT	450	2	8	45
I62_664_WB_Pughsville Rd_EXT	713	12	40	40
I61_664_WB_Pughsville Rd_ENT	831	27	92	40
I66_664_EB_Pughsville Rd_EXT	998	16	56	40

Table B-4: 2040 Build Alternative C Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
I64_664_EB_Pughsville Rd_EXT	729	6	20	40
535_664_EB_ML	2351	28	206	60
611_664_WB_ML	4538	96	526	60
Ramp Dock Landing Rd WB to I-664 NB	286	1	3	25
Ramp I-664 SB to Dock Landing Rd WB	221	0	3	35
546_664_EB_ML	4009	26	195	60
615_664_WB_ML	4170	92	508	60
R38_664_EB_On Ramp from SR 337N	392	3	21	40
R60_664_WB_Off Ramp to SR 337N	408	3	19	40
R35_664_EB_Off Ramp to ST 337S	403	3	19	40
R63_664_WB_On Ramp from SR 337S	344	1	5	40
R62_664_WB_Off Ramp to SR 337S	189	3	18	25
R61_664_WB_On Ramp from SR 337N	228	3	18	25
R37_664_EB_Off Ramp to SR 337N	315	1	9	25
R36_664_EB_On Ramp from SR 337S	358	1	11	25
617_664_WB_ML	4514	93	513	60
545_664_EB_ML	3618	23	174	60
541_664_EB_ML	3977	26	192	60
619_664_WB_ML	3932	85	468	60
R67_664_WB_On Ramp from N Pughsville	180	4	21	25
R64_664_WB_Off Ramp to Pughsville Rd	582	8	44	30
R32_664_EB_On Ramp from Pughsville R	983	5	37	30
620_664_WB_ML	4112	89	489	60
621_664_WB_ML 1	2343	45	247	60
621_664_WB_ML 2	2343	45	247	60
539_664_EB_ML	2994	21	155	60
R29_664_EB_Off Ramp to Pughsville Rd	700	10	75	40
R68_664_WB_On Ramp from S Pughsville	574	1	5	35
622_664_WB_ML	3917	78	430	60
537_664_EB_ML 1	1847	16	115	60
537_664_EB_ML 2	1847	16	115	60
R69_664_WB_Off Ramp to SR 164N	769	12	64	45
R26_664_EB_On Ramp from US 17	1343	3	24	40
Dock Landing Rd WB W of I664	533	5	17	40
Dock Landing Rd EB E of I664	381	2	7	40
Dock Landing Rd EB Overpass	564	5	16	40
Dock Landing Rd WB Overpass	567	4	14	40

Table B-4: 2040 Build Alternative C Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
R95_664_EB_Portsmouth Blvd	1180	8	42	30
Ramp Dock Landing Rd EB to I-664 SB	205	1	5	35
Ramp Dock Landing Rd WB to I-664 SB	248	1	6	35
Ramp I-664 NB to Dock Landing Rd WB	87	1	7	35
Ramp I-664 NB to Dock Landing Rd EB	119	2	10	35
R96_664_WB_W Military Hwy	391	6	33	50
R96_664_WB_W Military Hwy_(2)	391	6	33	50
R56_664_WB_On Ramp from US 58N	893	19	103	25
R97_664_EB_W Military Hwy	837	13	70	50
R49_664_EB_On ramp I264 to I64	765	0	0	50
R52_664_WB_On Ramp from I-64	3117	47	261	50
R48_664_EB_Off ramp I64 to I264	965	0	0	20
R47_664_EB_Off ramp to I64	3168	24	178	50
R98_664_WB_W Military Hwy, south of	199	3	18	35
R99_664_EB_W Military Hwy, south of	1043	17	94	35
Military Hwy EB	465	8	42	35
559_664_EB_ML	1792	10	78	60
R55_664_WB_Off Ramp to W Military H	163	3	19	40
605_664_WB_ML	3639	84	462	60
550_664_EB_ML	4157	27	201	60
609_664_WB_ML	3932	94	519	60
548_664_EB_ML	3704	25	191	60
R59_664_WB_On Ramp from Dock Land	606	1	7	25
R39_664_EB_Off Ramp to Dock Land Rd-2	305	1	4	35
R40_664_EB_On Ramp from Dock Land	453	1	11	35
R58_664_WB_Off Ramp to Dock Landin	205	3	17	35
607_664_WB_ML	4137	97	536	60
552_664_EB_ML	3267	12	86	60
R57_664_WB_On Ramp from 58S	498	13	73	35
R41_664_EB_Off Ramp to US 58S	889	15	115	50
R44_664_EB_On Ramp from US 58N	2621	29	219	50
R54_664_WB_Off Ramp to W Military H	1100	23	127	50
R42_664_EB_On Ramp from US 58S	28	0	2	25
R43_664_EB_Off Ramp to US 58N	345	4	26	25
556_664_EB_ML	5570	38	282	60
R98_664_WB_W Military Hwy, south of -2	208	3	19	35
601_664_WB_ML	1062	18	100	60

Table B-4: 2040 Build Alternative C Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
Ramp 664SB/Aberdeen Turn Ln	609	4	31	40
Aberdeen Rd NB	575	9	31	40
Chestnut Ave NB	187	3	10	25
Chestnut Ave SB	307	3	10	25
Aberdeen Rd SB	734	25	86	40
Roanoke Ave NB	70	2	8	25
Roanoke Ave SB	173	3	9	25
W Pembroke Ave WB	327	3	10	35
Power Plant Pkwy NB	773	13	44	45
Power Plant Pkwy SB	386	8	26	45
39th St EB-3	219	4	12	35
Power Plant Pkwy SB-2	439	7	24	45
Power Plant Pkwy SB-2-2	572	11	37	45
Power Plant Pkwy NB-2	489	9	32	45
Power Plant Pkwy NB-2-2	389	7	24	45
Aberdeen Rd NB-2	1157	18	60	40
Aberdeen Rd SB-2	613	21	71	40
Aberdeen Rd SB-2-2	512	18	60	40
Aberdeen Rd NB-2	666	10	34	40
Aberdeen Rd NB-2	575	9	31	40
Aberdeen Rd SB-2-2-2	512	18	60	40
W Pembroke Ave EB-2-2	181	3	11	35
39th St WB	327	3	10	35
39th St WB-2	696	12	42	35
39th St WB-3	778	6	21	35
39th St EB-2	223	4	13	35
39th St EB	181	3	11	35
Chestnut Ave NB-2	288	3	9	25
Chestnut Ave NB-2-2	120	1	4	25
Chestnut Ave NB-2-2-2	371	11	38	25
Chestnut Ave SB-2	696	8	26	25
Chestnut Ave SB-2-2	257	2	6	25
Roanoke Ave NB-2	73	3	9	25
Roanoke Ave NB-2-2	178	3	9	25
Roanoke Ave NB-2-2-2	140	2	8	25
Roanoke Ave SB-2	59	1	5	25
Roanoke Ave SB-2-2	141	3	11	25

Table B-4: 2040 Build Alternative C Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
Roanoke Ave SB-2-2-2	194	6	20	25
I-664 NB Inner Lane	1119	0	0	60
Ramp I664 SB to Aberdeen Rd	770	5	40	40
Roadway123	770	5	40	40
Ramp Aberdeen Rd to I664 NB	330	5	30	35
Ramp Chestnut Ave to I664 NB	223	2	10	40
Ramp I664 NB to Aberdeen Rd-2	318	4	23	35
Ramp Aberdeen Rd to I664 SB	404	3	23	40
Ramp Roanoke Ave to I664 SB	164	1	10	40
Ramp I664 NB to Roanoke Ave-2	249	2	9	35
Ramp I664 SB to Chestnut Ave	738	2	15	40
I-664 NB Outer Lane Sect 3	2236	81	444	60
I-664 NB Outer Lane Sect 4	2226	81	445	60
I-664 NB Outer Lane Sect 5	2013	77	423	60
I-664 SB Outer Lane Sect 3	3100	21	159	60
I-664 SB Outer Lane Sect 4	2877	22	167	60
Ramp I664 NB to Roanoke Ave	249	2	9	35
Ramp Roanoke Ave to I664 SB-2	164	1	10	40
Roadway150	330	5	30	35
I-664 SB Outer Lane Sect 2-2-2	3100	21	159	60
I-664 SB Inner Lane-2-2-2	1550	0	0	60
I-664 NB Outer Lane Sect 5-2	2233	82	453	60
I-664 NB Inner Lane-2	1117	0	0	60
I-664 NB Outer Lane Sect 4-2	2013	77	423	60
I-664 NB Inner Lane-2	1007	0	0	60
I-664 SB Inner Lane-2-2-2-2	1685	0	0	60
I-664 SB Outer Lane Sect 3-2	3369	24	182	60
I-664 SB Inner Lane-2-2-2-2-2	1439	0	0	60
I-664 NB Inner Lane-2	1113	0	0	60
I-664 NB Outer Lane Sect 3-2	2070	79	435	60
I-664 NB Inner Lane-2	1036	0	0	60
Ramp I664 SB to Aberdeen Rd-2	161	1	8	40
Ramp I-664 NB to Pughsville WB	105	1	8	30
Pughsville Rd EB W of I664	998	16	56	40
Pughsville Rd WB E of I664	1277	31	107	40
Ramp Pughsville Rd EB to I-664 SB	389	2	14	30
828_164_WB_ML	704	3	58	65

Table B-4: 2040 Build Alternative C Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
701_164_EB_ML	1230	2	68	65
R24a_664_EB_Off Ramp to SR 164S EB	589	5	41	50
R72_664_WB_On Ramp from SR 164N	765	0	0	25
R3_164_EB_On Ramp from I-664 NB	1013	12	76	60
Ramp I-664 NB to Pughsville Rd EB	477	7	36	30
Ramp Pughsville Rd WB to I664 SB	574	1	5	35
R30_664_EB_Off Ramp to Pugsville Rd	388	6	41	40
I57_664_SB_College Dr_ENT	862	11	37	50
I59_664_NB_College Dr_ENT	688	14	48	50
R31_164_WB_Off Ramp to SR 135	395	0	10	35
R4_164_EB_On Ramp from SR 135	259	0	10	25
R32_164_WB_Off Ramp to SR 135 NB	310	2	8	35
705_164_EB_ML	1911	6	178	60
824_164_WB_ML	1741	5	114	60
R24b_664_EB_Off Ramp to SR 164S W	172	2	12	50
707_164_EB_ML	2179	6	180	60
826_164_WB_ML	1346	5	104	60
R33_164_WB_Off Ramp to SR 135 SB	82	1	3	25
I55_664_NB_College Dr_ENT	622	10	33	50
I58_664_SB_College Dr_EXT	936	12	42	50
I60_664_SB_College Dr_EXT	714	7	24	50
830_164_WB_ML	710	1	14	60
703_164_EB_ML	926	2	67	65
525_664_EB_ML 1	1541	13	99	60
628_664_WB_ML 2	1907	38	210	60
622_664_WB_ML 1	1959	39	215	60
Ramp Pughsville Rd WB or EB to I-664 SB	180	4	21	25
Ramp I-664 NB to Pughsville Rd EB or WB	105	1	8	30
539_664_EB_ML 1	1497	11	78	60
622_664_WB_ML 2	1959	39	215	60
R69_664_WB_Off Ramp to SR 164-2	769	12	64	45
539_664_EB_ML 2	1497	11	78	60
R73_664_WB_Off Ramp to SR 164S	649	6	35	25
R25_664_EB_On Ramp from SR 164S	391	8	61	25
624_664_WB_ML	4033	72	395	60
626_664_WB_ML 1	2275	39	214	60
626_664_WB_ML 2	2275	39	214	60

Table B-4: 2040 Build Alternative C Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
533_664_EB_ML	1961	19	145	60
R24_664_EB_Off Ramp to SR 164S	760	7	53	50
R74_664_WB_On Ramp from SR 164S	516	6	33	40
628_664_WB_ML 1	1907	38	210	60
531_664_EB_ML 1	1361	13	99	60
531_664_EB_ML 2	1361	13	99	60
525_664_EB_ML 2	1541	13	99	60
R22_664_EB_Off Ramp to SR 135S	320	1	4	25
R21_664_EB_On Ramp from SR 135N	266	1	8	25
R76_664_WB_On Ramp from SR 135S	229	1	5	25
R77_664_WB_Off Ramp to SR 135N	268	2	10	25
529_664_EB_ML 2	1262	12	92	60
529_664_EB_ML 1	1262	12	92	60
630_664_WB_ML 1	2241	38	208	60
630_664_WB_ML 2	2241	38	208	60
R78_664_WB_On Ramp from SR 135N	706	3	16	35
R20_664_EB_Off Ramp to SR 135N-2	333	2	15	35
527_664_EB_ML 1	1375	12	91	60
527_664_EB_ML 2	1375	12	91	60
R23_664_EB_On Ramp from SR 135S	199	2	15	45
R75_664_WB_Off Ramp to SR 135S	736	1	8	50
Pughsville Rd WB Overpass	831	27	92	40
Pughsville Rd WB W of I664	713	12	40	40
Pughsville Rd EB Overpass	729	6	20	40
Pughsville Rd EB E of I664	998	16	56	40
Aberdeen Rd SB	504	16	55	40
Ramp Huntington Ave to 35th St	614	14	47	25
Ramp Lane I664 SB to 27th	242	0	3	35
Ramp Lane I664 SB to 26th	750	1	9	35
Ramp I664 NB to 26th St	511	3	16	25
Ramp I664 NB or 26th St to 26th St	579	3	18	25
W Pembroke Ave EB	219	4	12	35
Ramp 23rd St	78	1	6	25
23rd St	78	1	6	25
Jefferson Ave Seg 2 NB	292	5	18	25
Jefferson Ave Seg 2 SB	176	3	11	25
Jefferson Ave Seg 1 NB	167	3	10	25

Table B-4: 2040 Build Alternative C Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
Ramp Jefferson Ave to I664 SB	331	0	3	35
Ramp 26th St to I64 SB	78	0	1	25
28th St	171	2	7	30
Aberdeen Rd NB-2	825	12	43	40
Aberdeen Rd NB-2	469	7	24	40
Aberdeen Rd SB-2	480	17	58	40
W Pembroke Ave EB-2	181	3	11	35
W Pembroke Ave WB-2	327	3	10	35
W Pembroke Ave WB-2-2	696	12	42	35
W Pembroke Ave EB-2	223	4	13	35
W Pembroke Ave WB-2-2-2	778	6	21	35
Chestnut Ave NB-2-2-2	120	1	4	25
Chestnut Ave NB-2-2-2-2	371	11	38	25
Roanoke Ave SB-2	141	3	11	25
Roanoke Ave SB-2-2	194	6	20	25
Jefferson Ave Seg 1 SB-3	178	4	13	25
Jefferson Ave Seg 1 SB-2	314	7	24	25
Jefferson Ave Seg 1 NB-2	161	4	15	25
Roanoke Ave NB-2-2	140	2	8	25
I-664 NB Inner Lane	1512	0	0	65
I-664 SB Inner Lane	1550	0	0	60
Ramp Huntington Ave to I664 NB	402	1	7	40
Ramp I664 NB to Huntington Ave	578	2	10	40
Ramp I664 to Warwick Blvd	969	1	10	35
Ramp I664 SB to Aberdeen Rd-2	770	5	40	40
Ramp Aberdeen Rd to I664 NB-2	330	5	30	35
Roadway150	738	2	15	40
Ramp Lane I664 SB to 26th/27th	992	2	11	35
Ramp Lane 26th St to I664 NB or 36th	358	1	6	35
Ramp I664 NB to E and W 26th St	676	4	21	25
Ramp 23rd St to I664 SB	221	1	4	25
Ramp I664 NB to Terminal Ave	82	1	7	25
Ramp Terminal Ave to I664 NB	13	0	2	25
I-664 NB Outer Lane Sect 1	3022	86	475	65
I-664 NB Outer Lane Sect 3	2526	82	448	60
I-664 SB Outer Lane Sect 2	3100	21	159	60
I-664 SB Inner Lane-2	1685	0	0	60

Table B-4: 2040 Build Alternative C Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
I-664 SB Inner Lane-2-2	1439	0	0	60
I-664 SB Outer Lane Sect 4-2	2986	24	177	60
I-664 SB Inner Lane-2-2-2	1493	0	0	60
I-664 NB Outer Lane Sect 3-2	2236	81	444	60
I-664 NB Inner Lane-2	1119	0	0	60
I-664 SB Outer Lane Sect 4-2-2	2340	22	168	60
I-664 SB Inner Lane-2-2-2-2	1170	0	0	60
I-664 SB Outer Lane Sect 4-2-2-2	1678	21	156	60
I-664 SB Inner Lane-2-2-2-2-2	840	0	0	60
Ramp Lane 26th St to I664 NB or 36th-2	1190	4	21	50
I-664 NB Outer Lane Sect 3-2	1968	80	437	60
I-664 NB Inner Lane-2	985	0	0	60
Ramp 23rd St to I664 SB-2	295	1	6	40
Ramp I664 SB to Aberdeen Rd-2-2	161	1	8	40
I-664 SB Outer Lane Sect 4-2-2-2-2	2054	22	162	60
I-664 SB Outer Lane Sect 4-561	2257	23	171	60
I-664 SB Inner Lane-2-2-2-2-2-2	1027	0	0	60
I-664 SB Inner Lane-561	1129	0	0	60
I-664 NB Outer Lane Sect 1-2	2968	85	467	60
I-664 NB Inner Lane-2	1485	0	0	60
I-664 NB Outer Lane Sect 2-2	2977	85	469	60
I-664 NB Inner Lane-2-2	1489	0	0	60
I-664 NB Outer Lane Sect 2-2-2	2526	82	448	60
I-664 NB Inner Lane-2-2-2	1264	0	0	60
Ramp Lane 26th St to I664 NB or 36th-2-2	612	2	11	40
Jefferson Ave Seg 1 SB	299	6	20	25
Jefferson Ave Seg 1 NB-3	250	6	19	25

Table B-5: 2040 Build Alternative D Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
I2_164_SB_College Dr_ENT	860	11	39	50
I4_164_NB_College Dr_ENT	692	13	45	50
R32_164_WB_Off Ramp to SR 135 NB	487	1	12	35
I8_164_SB_Towne Point Rd_ENT	1304	4	12	35
I10_164_NB_Towne Point Rd_ENT	505	2	8	35
Cedar Lane NB	1198	7	25	35
Cedar Lane SB	733	7	25	35
R3_164_EB_On Ramp from I-664 NB	967	4	109	45
I3_164_SB_College Dr_EXT	943	12	40	50
I5_164_SB_College Dr_EXT	704	9	32	50
I1_164_NB_College Dr_ENT	605	12	43	50
R33_164_WB_Off Ramp to SR 135 SB	487	1	12	35
I11_164_SB_Towne Point Rd_EXT	505	2	8	35
I9_164_SB_Towne Point Rd_EXT	1029	4	12	35
I7_164_NB_Towne Point Rd_EXT	376	3	11	35
I6_164_NB_Towne Point Rd_ENT	447	2	6	35
703_164_EB_ML	1346	4	120	60
705_164_EB_ML	2313	8	229	60
R4_164_EB_On Ramp from SR 135	338	0	2	35
R31_164_WB_Off Ramp to SR 135	575	0	5	35
826_164_WB_ML	1307	6	122	60
707_164_EB_ML	2651	8	231	60
R30_164_WB_On Ramp from Towne Pnt	228	1	11	25
R5_164_EB_Off Ramp to Towne Pnt Rd	334	0	6	25
R6_164_EB_On Ramp from Towne Pnt R	576	0	9	30
R29_164_WB_Off Ramp to Towne Pnt R	566	1	18	25
709_164_EB_ML	2316	8	226	60
711_164_EB_ML	2893	8	234	60
824_164_WB_ML	1795	6	134	60
822_164_WB_ML	1220	6	129	60
820_164_WB_ML	1448	7	140	60
R28_164_WB_On Ramp from Cedar Ln	21	1	28	40
R7_164_EB_Off Ramp to Cedar Ln	885	0	10	35
R27_164_WB_Off Ramp to Cedar Ln	511	2	37	40
761_164_EB_ML	2008	8	224	60
818_164_WB_ML	882	6	122	60
College Ave SB	943	12	40	50

Table B-5: 2040 Build Alternative D Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
College Ave NB	605	12	43	50
I17_164_NB_Cedar Ln_ENT	979	7	24	35
I14_164_SB_Cedar Ln_ENT	739	7	24	35
R9_164_EB_On Ramp from N Cedar Ln	434	2	54	40
I11_164_SB_Towne Point Rd_EXT	841	4	15	35
I17_164_SB_Cedar Ln_EXT	923	6	21	35
I12_164_NB_Cedar Ln_ENT	1198	7	25	35
I16_164_SB_Cedar Ln_ENT	739	7	24	35
I13_164_NB_Cedar Ln_EXT	542	5	18	35
I15_164_SB_Cedar Ln_EXT	733	7	25	35
Interchange VA 164C EB-3	509	1	30	25
Interchange VA 164C EB 2	421	1	33	50
Interchange VA 164C WB	974	6	120	55
Interchange VA 164C WB 2	512	2	37	40
Interchange VA 164 EB Ramp 2	434	2	54	40
Interchange VA 164 EB Ramp 3	461	2	67	50
Interchange VA 164 EB Ramp 4	20	0	5	40
Interchange VA 164 WB Ramp 2	20	1	28	40
Interchange VA 164 WB Ramp 3	101	4	80	35
Interchange VA 164C WB-3	411	5	109	40
R31_164_WB_Off Ramp to SR 135	487	1	12	35
R27_164_WB_Off Ramp to Cedar Ln	331	1	13	25
R28_164_WB_On Ramp from Cedar Ln	566	1	18	25
812_164_WB_ML	1244	7	154	60
Interchange VA 164C EB-2	1046	3	81	55
Interchange VA 164C EB-2	625	2	48	55
Interchange VA 164C WB-2	411	5	109	40
Interchange VA 164C WB-4	915	4	86	40
Interchange VA 164 EB Ramp 4-2	308	6	166	40
Interchange VA 164 EB Ramp 3-2	29	2	45	50
Interchange VA 164 EB Ramp 2-2	433	4	128	40
Interchange VA 164 WB Ramp 3-2	78	3	54	40
Interchange VA 164C WB-2	431	5	114	40
763_164_EB_ML	1546	6	158	60
764_164_EB_ML	2461	9	245	60
865_164_WB_ML	1213	6	136	60
862_164_WB_ML	681	3	71	60

Table B-5: 2040 Build Alternative D Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
College Ave Part 2 SB	943	12	40	50
College Ave Part 2 NB	605	12	43	50
SB Towne Point Rd N of VA164 WB Ra	1304	4	12	35
NB Towne Point Rd S of VA164 EB Ram	505	2	8	35
Ramp I664 NB & SB to Western Fwy EB-2	967	4	109	45
Rt 164 EB Extension	2361	8	241	60
VA 164C EB	1046	3	81	55
VA 164C WB	974	6	120	55
Interchange VA 164C EB	562	4	84	25
VA 164C WB 2	974	6	120	55
Ramp Towne Point Rd to Rt164 WB	575	0	5	35
Ramp Rt164 EB to Towne Point Rd	334	0	6	25
R29_164_WB_Off Ramp to Towne Pnt R	228	1	11	25
Interchange VA 164C WB-2-2	915	4	86	40
864_164_WB_ML	701	5	99	60
Rt 164 WB Extension	1145	7	148	60
Interchange VA 164C WB	431	5	114	40
VA 164C EB 2	1046	3	81	55
SB Towne Point Rd S of VA164 EB Ram	841	4	15	35
NB Towne Point Rd Overpass	447	2	6	35
SB Towne Point Rd Overpass	1029	4	12	35
NB Towne Point Rd N of VA164 WB Ra	376	3	11	35
I-564R-NB	560	0	0	55
Ramp - Granby St EB to I564 NB	465	7	18	25
I-564R EXIT 0A-WB-Ramp - I564 HOV to I64 HOV	560	0	0	55
Ramp_I64_EB_to_I564_WB	735	5	25	40
Granby Street NB_2-Granby Street South NB	552	7	26	35
I-64E EXIT 276B to Granby St	1046	8	36	40
I-64R EXIT 0A-I-64R-WB	670	0	0	55
I-564N-NB-I564 NB-I-564N-NB-I564 NB-2	3585	97	258	55
Ramp_I564_EB_to_I64_EB-I-564S-SB-I564 SB-2-I-564	1307	13	60	55
I64-EB 10-I64-EB 7-I64-EB 6-I64-EB 5-I64-EB 8-I6-2-2	3525	30	140	55
Granby Street South SB-Granby Street SB_1-2-2-2	1007	5	18	35
I64-WB 11-I64-WB 9-I64-WB 7-I64-WB 5-I64-WB 6-I6	3254	47	124	55
[4] off-ramp	252	2	11	45
[5] I-564 EB	494	5	21	45
[6] I-564 WB (right lanes) part 1	2392	112	298	55

Table B-5: 2040 Build Alternative D Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
[7] I-564 WB (left lanes) part 1	2393	0	0	55
[8] I-564 WB (left lanes) part 2	2393	0	0	55
[9] I-564 WB (right lanes) part 2	2392	112	298	55
[10] I-564 WB part 1	3660	94	251	55
[15] Off-ramp I-564 EB to Granby	88	0	2	45
[18] I-564 WB part 2	3660	94	251	55
Ramp - I564 SB to I64 NB-2	302	2	6	40
Ramp - I564 SB to I64 NB-[12] I-564 EB off-ramp	125	2	8	50
[23] Terminal Blvd WB-[3] I-564 WB off-ramp	1125	18	47	25
[22] Terminal Blvd EB-[0] Flyover ramp fr Termin	746	7	32	45
[16] Granby St SB	1007	5	18	35
[17] Granby St NB	552	7	26	35
Ramp_I564_EB_to_I64_EB-I-564S-SB-I564 SB-2-I-564-2	1800	18	82	55
I-64E EXIT 276B to Granby St-2	312	2	11	40
I64-EB 10-I64-EB 7-I64-EB 6-I64-EB 5-I64-EB 8-I6-2-2-2	3525	30	140	55
I64-WB 11-I64-WB 9-I64-WB 7-I64-WB 5-I64-WB 6-I6-2	2833	44	118	55
[19] I-564 EB part 1-[11] I-564 EB part 2	1432	15	68	55
Ramp_I564_EB_to_I64_EB-I-564S-SB-I564 SB-2-I-564-2-2	1659	16	75	55
21-Terminal Ramp EB auto	563	0	0	25
21-Terminal Ramp EB truck	562	18	47	25
20-Terminal Ramp WB auto	373	7	31	45
20-Terminal Ramp WB truck	374	0	0	45
17-Hampton SB truck	245	10	21	40
17-Hampton SB auto	489	0	0	40
16-Hampton NB auto	1047	0	0	40
16-Hampton NB truck	523	26	54	40
1-564_EB-TB_IMC-I1_2_3	654	0	0	55
1-564_EB-TB_IMC-I4	653	13	60	55
2-564_WB-TB_IMC-I1	869	67	179	55
2-564_WB-TB_IMC-I2_3	870	0	0	55
2-564_WB-TB_IMC-I4	870	0	0	55
3-564_EB-ADB_IMC-I1	116	2	11	55
3-564_EB-ADB_IMC-I2_3	116	0	0	55
4-564_WB-ADB_IMC-I1	764	0	0	55
4-564_WB-ADB_IMC-I2_3	763	64	169	55
14-Seabee_WB-WoExSeabee	570	23	47	30

Table B-5: 2040 Build Alternative D Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
15-Seabee_EB-WoExSeabee	154	2	4	30
22-564_WB-TB_IMC-I1	1595	112	298	55
22-564_WB-TB_IMC-I2_3	1595	0	0	55
22-564_WB-TB_IMC-I4	1595	0	0	55
on-ramp from IC to I-564 Conn EB	377	2	6	45
off-ramp frm I-564C WB to Hampton Blvd	534	3	8	35
I-564 Conn EB GP lanes at IC pt 2	824	11	50	55
I-564 Conn WB GP lanes from I-564 to IC	2132	31	82	40
off-ramp from I-564C WB to IC (autos)	201	0	0	35
I-564 Conn WB GP to CIC	2203	54	143	55
I-564 Conn EB GP from CIC	2395	20	90	55
I-564 Conn EB from IC to I-564	1197	13	60	55
I-564 Conn WB GP lanes from IC to CIC-2	1325	46	125	55
I-564 Conn EB GP lanes at IC pt 2-2	1197	13	60	55
R2_664_EB_On Ramp from I-64 EB	3601	22	167	50
R93_664_WB_Off Ramp to I-64	746	6	33	50
R3_64_EB_Off Ramp to SR 167S	408	0	2	35
654_664_WB_ML	2655	135	360	55
R34_64_WB_On Ramp from SR 134	1052	6	17	40
501_664_EB_ML	1460	4	26	50
R5_64_EB_On Ramp from SR 167N	34	0	1	25
R4_64_EB_On Ramp from SR 167S	113	1	6	25
R33_64_WB_Off Ramp to SR 167	127	2	6	25
R32_64_WB_Off Ramp to SR 134	449	3	8	35
R6_64_EB_Off Ramp to RipRap Rd	1212	8	35	40
229_64_WB_ML_Inner	1216	0	0	55
I64_Innes_Lanes_EB_1	2405	0	0	55
I2_64_NB_LaSalle Ave_ENT	687	5	18	35
I3_64_SB_LaSalle Ave_ENT	638	4	13	35
I6_64_EB_Armistead Ave_ENT	817	9	26	45
I7_64_WB_Armistead Ave_ENT	1162	6	22	45
I4_64_NB_LaSalle Ave_EXT	426	3	11	35
I5_64_SB_LaSalle Ave_EXT	446	5	19	35
223_64_WB_ML	4335	61	164	55
I64 EB 2-I64 EB Outer Lanes 1-I64 EB 3	4809	121	325	55
I201_64_N_Rip Rap Rd	1030	14	46	35
101_64_EB_ML_Outer	2732	31	140	55

Table B-5: 2040 Build Alternative D Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
102_64_EB_ML	4844	38	173	55
103_64_EB_ML	4438	37	170	55
104_64_EB_ML	4551	38	176	55
106_64_EB_ML	3486	31	143	55
108_64_EB_ML	3371	31	143	55
225_64_WB_ML	3886	58	156	55
227_64_WB_ML	3759	56	150	55
229_64_WB_ML	3648	57	150	55
I64 WB Outer Lanes 1-I64 WB 2-I64 WB 3-2-2-2-2	4670	51	230	55
101_64_EB_ML_Inner	1367	0	0	55
I64_Inner_Lanes_WB 1-2	2335	0	0	55
101_64_EB_ML	4099	31	140	55
229_64_WB_ML_Outer	2432	57	150	55
I202_64_S_Rip Rap Rd	827	13	45	35
I1_64_WB_Armistead Ave_EXT	1885	11	39	45
I8_64_EB_Armistead Ave_EXT	546	4	15	45
I1_664_WB_Powhatan Pkwy_EXT	371	7	22	45
I2_664_WB_Powhatan Pkwy_ENT	490	9	31	45
I3_664_EB_Powhatan Pkwy_ENT	381	8	26	45
I4_664_EB_Powhatan Pkwy_EXT	443	7	25	45
I6_664_EB_Powhatan Pkwy_EXT	591	11	38	45
I5_664_WB_Powhatan Pkwy_ENT	773	13	44	45
I-664 NB Outer Lane	2187	80	439	60
I-664 NB Inner Lane	1094	0	0	60
I-664 SB Outer Lane	3374	26	193	60
I-664 SB Inner Lane	1687	0	0	60
Ramp I664 SB to Power Plant	291	2	17	40
Ramp Power Plant to I664 SB	366	2	12	35
Ramp I664 NB to Power Plant	291	2	12	40
Ramp Power Plant to I664 NB-2	417	4	20	40
Ramp Power Plant to I664 NB	417	4	20	40
I-664 SB Outer Lane-2	3179	24	177	60
I-664 SB Inner Lane-2	1590	0	0	60
I-664 NB Inner Lane-2	1136	0	0	60
I-664 NB Outer Lane-2	2272	81	446	60
I-664 SB Outer Lane-2-2	3424	25	189	60
I-664 SB Inner Lane-2-2	1712	0	0	60

Table B-5: 2040 Build Alternative D Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
I-664 NB Inner Lane-2	997	0	0	60
I-664 NB Outer Lane-2	1993	78	427	60
654_664_WB_ML	2662	75	413	55
R42_64_WB_On Ramp from SR 134	1467	9	24	40
501_664_EB_ML	1460	4	26	55
R41_64_WB_Off Ramp to SR 167	127	2	6	25
229_64_WB_ML_Inner	1824	0	0	55
I64_Innes_Lanes_EB_1	3807	0	0	55
652_664_WB_ML	3408	81	446	60
503_664_EB_ML	5061	26	193	60
I6_64_EB_Armistead Ave_ENT	817	9	29	45
I64 EB 2-I64 EB Outer Lanes 1-I64 EB 3	3807	122	324	55
101_64_EB_ML_Outer	2049	31	140	55
106_64_EB_ML	4584	39	177	55
I64 WB Outer Lanes 1-I64 WB 2-I64 WB 3-2-2-2	3362	50	230	55
101_64_EB_ML_Inner	2050	0	0	55
I64_Inner_Lanes_WB 1-2	3362	0	0	55
229_64_WB_ML_Outer	1824	57	150	55
505_664_EB_ML	4769	24	177	60
650_664_WB_ML	2990	78	427	60
R3_664_EB_Off Ramp to Power PI Pkw	291	2	17	40
R93_664_WB_On Ramp from Power PI P	417	4	20	40
R4_664_EB_On Ramp from Power PI P	366	2	12	35
R91_664_WB_Off Ramp to Power PI Pk	291	2	12	40
R40_64_WB_Off Ramp to SR 134	449	3	8	35
228_64_WB_ML	5108	65	172	55
I201_64_N_Rip Rap Rd-2	827	13	45	35
217_64_WB_ML	4039	59	157	55
R36_64_WB_Off Ramp to SR 169	426	1	3	25
R7_64_EB_Off Ramp to SR 143/US 60	695	3	12	25
R39_64_WB_On Ramp from Route 60	785	4	11	40
R8_64_EB_On Ramp from SR 143/60	1005	6	29	40
R38_64_WB_Off Ramp to Route 60	409	3	8	25
R37_64_WB_On Ramp from SR 169	345	3	7	25
R10_64_EB_On Ramp from SR 169	590	1	4	40
R9_64_EB_Off Ramp to SR169	153	0	2	20
114_64_EB_ML	4120	35	160	55

Table B-5: 2040 Build Alternative D Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
I15_64_WB_Settlers Landing Rd_EXT	519	7	24	35
I16_64_WB_Settlers Landing Rd_ENT	669	7	24	35
I13_64_EB_Settlers Landing Rd_ENT	1236	8	26	35
I200_64_Mallory St	884	3	8	36
110_64_EB_ML	2677	28	130	55
219_64_WB_ML	3614	58	153	55
221_64_WB_ML	3551	57	152	55
112_64_EB_ML	3529	34	157	55
I14_64_EB_Settlers Landing Rd_EXT	1341	11	38	35
217_64_WB_ML_2	4039	59	157	55
114_64_EB_ML_2	4120	35	160	55
R13_64_EB_Off Ramp to 4th View St	524	1	5	35
R32_64_WB_Off Ramp to 4thView St	171	1	3	35
R14_64_EB_On Ramp from 4th View S	368	1	6	40
R25_64_WB_On Ramp from 4th View S	479	3	8	40
Bayville Street	110	0	0	25
I21_64_WB_4th View St_ENT	807	4	14	35
I22_64_EB_4th View St_ENT	142	1	2	35
211_64_WB_ML	2336	56	149	55
120_64_EB_ML	2417	34	155	55
118_64_EB_ML	2766	35	161	55
217_64_WB_ML	4038	58	154	55
213_64_WB_ML	2656	59	157	55
I23_64_EB_4th View St_EXT	327	2	6	35
I24_64_EB_4th View St_EXT	398	3	9	35
I20_64_WB_4th View St_ENT	431	1	3	35
I19_64_WB_4th View St_EXT	396	1	3	35
114_64_EB_ML_autos	1347	0	0	55
211_64_WB_ML_autos	1169	0	0	55
118_64_EB_ML_autos	1383	0	0	55
120_64_EB_ML_autos	1209	0	0	55
213_64_WB_ML_autos	1328	0	0	55
Roadway167-2-2	1328	0	0	55
217_64_WB_ML-2_autos	1346	0	0	55
217_64_WB_ML-2	1346	59	157	55
I64_Bridge_Lanes_1	1374	0	0	55
I64_Bridge_Lanes_2	2746	35	160	55

Table B-5: 2040 Build Alternative D Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
R31_64_WB_Off Ramp to Bellinger Bl	532	1	2	25
R15_64_EB_On Ramp from SR 8623	229	1	5	40
207_64_WB_ML	2805	58	154	55
122_64_EB_ML	2662	35	162	55
209_64_WB_ML	2450	57	152	55
124_64_EB_ML	2814	36	167	55
207_64_WB_ML_Auto	1403	0	0	55
118_64_EB_ML_Auto	1383	0	0	55
120_64_EB_ML_Auto	1209	0	0	55
213_64_WB_ML_Auto	1328	0	0	55
122_64_EB_ML_Auto	1331	0	0	55
211_64_WB_ML_Auto	1169	0	0	55
209_64_WB_ML_Auto	1226	0	0	55
124_64_EB_ML_Auto	1408	0	0	55
209_64_WB_ML-2	2450	57	152	55
122_64_EB_ML-2	2662	35	162	55
R22_64_WB_On Ramp from US 460	423	6	16	40
I27_64_SB_Granby St_ENT	1075	6	19	35
Bellinger_EB	312	1	4	30
205_64_WB_ML	2523	52	138	55
I26_64_NB_Granby St_ENT	552	7	26	35
Bellinger_EB-2	312	1	4	30
205_64_WB_ML_Auto	1262	0	0	55
I25_64_NB_Granby St_EXT	196	3	11	35
I28_64_SB_Granby St_EXT	1007	5	18	35
124_64_EB_ML-2	2814	36	167	55
R13_564_WB_I64 HOV WB to I564 WB2	560	0	0	55
R2_564_On Ramp from SR 406_WB	465	7	18	25
R26_64_WB_Off Ramp to US 460	422	2	6	35
R28_64_WB_On Ramp from I-564 SB	302	2	6	40
R13_564_WB_I64 HOV WB to I564 WB	560	0	0	55
R30_64_WB_On Ramp from US 460	423	6	16	40
R17a_64_EB_Off Ramp to I-564 NB	735	5	25	40
R17_64_EB_Off Ramp to I-564N/Granby	1046	8	36	40
R29_64_WB_On Ramp from I-64 WB HO	670	0	0	55
401_564_WB_ML	3585	97	258	55
305_564_EB_ML	1307	13	60	55

Table B-5: 2040 Build Alternative D Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
201_64_WB_ML	3254	47	124	55
125_64_EB_ML	3047	38	176	55
307_564_EB_ML	1800	18	82	55
402_564_WB_ML	4050	104	276	55
R17b_64_EB_Off Ramp to Gransby Rd	312	2	11	40
127_64_EB_ML	3525	30	140	55
126_64_EB_ML	3525	30	140	55
203_64_WB_ML	2833	44	118	55
403_564_WB_ML	4785	112	298	55
309_564_EB_ML	1659	16	75	55
125_64_EB_ML_Auto	1524	0	0	55
R28_64_WB_On Ramp from I-564 SB-2	302	2	6	40
R65_664_WB_Off Ramp to Pughsville Rd	105	1	8	30
I63_664_EB_Pughsville Rd_ENT	748	14	48	40
I65_664_WB_Pughsville Rd_ENT	1268	31	106	40
R31_664_EB_Off Ramp to Pughsville Rd E	312	4	33	40
R33_664_EB_On Ramp from Pughsville R	389	2	14	30
R70_664_WB_Off Ramp to US 17	382	6	32	45
R27_664_EB_On Ramp from US 17 WB	456	1	8	40
I51_664_WB_Bridge Rd_ENT	926	4	15	45
I53_664_EB_Bridge Rd_ENT	1678	5	17	45
R95_664_EB_Portsmouth Blvd	1012	7	36	30
R94_664_WB_Portsmouth Blvd	1332	11	62	40
Dock Landing Rd WB E of I664	748	8	29	40
Dock Landing Rd EB W of I664	684	6	20	40
Ramp I-664 SB to Dock Landing Rd EB	84	0	1	35
Ramp Dock Landing Rd EB to I-664 NB	320	1	4	25
R28_664_EB_On Ramp From US 17 EB	877	2	16	40
R71_664_WB_Off Ramp to VA 164	369	6	31	45
R66_664_WB_Off Ramp to Pughsville Rd	463	6	35	30
R34_664_EB_On Ramp from Pughsville R	585	3	22	30
R30_664_EB_Off Ramp to Pughsville Rd	397	6	42	40
Ramp Dock Landing Rd WB to I-664 NB 2	286	1	3	25
Ramp I-664 SB to Dock Landing Rd WB 2	221	0	3	35
I54_664_EB_Bridge Rd_EXT	1202	5	18	45
I52_664_WB_Bridge Rd_EXT	468	3	9	45
I62_664_WB_Pughsville Rd_EXT	723	12	40	40

Table B-5: 2040 Build Alternative D Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
I61_664_WB_Pughsville Rd_ENT	823	26	91	40
I66_664_EB_Pughsville Rd_EXT	983	16	56	40
I64_664_EB_Pughsville Rd_EXT	729	6	20	40
535_664_EB_ML	2333	26	196	60
611_664_WB_ML	4493	95	522	60
Ramp Dock Landing Rd WB to I-664 NB	286	1	3	25
Ramp I-664 SB to Dock Landing Rd WB	221	0	3	35
546_664_EB_ML	3956	25	184	60
615_664_WB_ML	4120	92	503	60
R38_664_EB_On Ramp from SR 337N	392	3	21	40
R60_664_WB_Off Ramp to SR 337N	408	3	19	40
R35_664_EB_Off Ramp to ST 337S	403	3	19	40
R63_664_WB_On Ramp from SR 337S	344	1	5	40
R62_664_WB_Off Ramp to SR 337S	189	3	18	25
R61_664_WB_On Ramp from SR 337N	224	3	18	25
R37_664_EB_Off Ramp to SR 337N	315	1	9	25
R36_664_EB_On Ramp from SR 337S	353	1	11	25
617_664_WB_ML	4464	93	508	60
545_664_EB_ML	3565	22	163	60
541_664_EB_ML	3930	24	181	60
619_664_WB_ML	3895	85	465	60
R67_664_WB_On Ramp from N Pughsville	180	4	21	25
R64_664_WB_Off Ramp to Pughsville Rd	569	8	43	30
R32_664_EB_On Ramp from Pughsville R	974	5	36	30
620_664_WB_ML	4077	88	485	60
621_664_WB_ML 1	2326	45	245	60
621_664_WB_ML 2	2326	45	245	60
539_664_EB_ML	2957	19	144	60
R29_664_EB_Off Ramp to Pughsville Rd	709	10	76	40
R68_664_WB_On Ramp from S Pughsville	574	1	5	35
622_664_WB_ML	3900	78	427	60
537_664_EB_ML 1	1833	15	110	60
537_664_EB_ML 2	1833	15	110	60
R69_664_WB_Off Ramp to SR 164N	751	11	63	45
R26_664_EB_On Ramp from US 17	1333	3	24	40
Dock Landing Rd WB Overpass	567	4	14	40
Dock Landing Rd WB W of I664	533	5	17	40

Table B-5: 2040 Build Alternative D Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
Dock Landing Rd EB E of I664	376	2	7	40
Dock Landing Rd EB Overpass	564	5	16	40
Ramp Dock Landing Rd EB to I-664 SB	205	1	5	35
Ramp Dock Landing Rd WB to I-664 SB	248	1	6	35
Ramp I-664 NB to Dock Landing Rd WB	82	1	7	35
Ramp I-664 NB to Dock Landing Rd EB	114	2	9	35
R96_664_WB_W Military Hwy	391	6	33	50
R96_664_WB_W Military Hwy_(2)	391	6	33	50
R56_664_WB_On Ramp from US 58N	620	13	72	25
R97_664_EB_W Military Hwy	837	13	70	50
R49_664_EB_On ramp I264 to I64	755	0	0	50
R52_664_WB_On Ramp from I-64	3099	47	259	50
R48_664_EB_Off ramp I64 to I264	950	0	0	20
R47_664_EB_Off ramp to I64	3032	23	171	50
R98_664_WB_W Military Hwy, south of	199	3	18	35
R99_664_EB_W Military Hwy, south of	1030	17	93	35
Military Hwy EB	479	8	43	35
559_664_EB_ML	1782	9	69	60
R55_664_WB_Off Ramp to W Military H	163	3	19	40
605_664_WB_ML	3597	84	459	60
550_664_EB_ML	4105	25	190	60
609_664_WB_ML	3886	94	515	60
548_664_EB_ML	3651	24	180	60
R59_664_WB_On Ramp from Dock Land	606	1	7	25
R39_664_EB_Off Ramp to Dock Land Rd-2	305	1	4	35
R40_664_EB_On Ramp from Dock Land	453	1	11	35
R58_664_WB_Off Ramp to Dock Landin	196	3	16	35
607_664_WB_ML	4083	97	530	60
552_664_EB_ML	3220	10	75	60
R57_664_WB_On Ramp from 58S	486	13	71	35
R41_664_EB_Off Ramp to US 58S	885	15	115	50
R44_664_EB_On Ramp from US 58N	2585	29	216	50
R54_664_WB_Off Ramp to W Military H	1104	23	127	50
R42_664_EB_On Ramp from US 58S	28	0	2	25
R43_664_EB_Off Ramp to US 58N	341	3	26	25
556_664_EB_ML	5491	36	268	60
601_664_WB_ML	1044	18	98	60

Table B-5: 2040 Build Alternative D Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
R5_664_EB_Off Ramp to AberdeenRd R	591	4	30	40
Aberdeen Rd NB	537	9	29	40
I19_664_WB_Chestnut Ave_ENT	172	3	10	25
I14a_664_EB_Chestnut Ave_ENT	355	3	12	26
I9_664_EB_Aberdeen Rd_ENT	714	25	86	40
I31_664_WB_Roanoke Ave_ENT	70	2	8	25
I25_664_EB_Roanoke Ave_ENT	188	3	9	25
I17_664_SB_39th St_ENT2	308	3	9	35
I27_664_NB_39th St_ENT	214	4	12	35
I7_664_WB_Aberdeen Rd_EXT	1135	17	58	40
I10_664_EB_Aberdeen Rd_EXT	599	21	70	40
I12_664_EB_Aberdeen Rd_EXT	481	17	57	40
I8_664_WB_Aberdeen Rd_ENT	642	10	33	40
I11_664_WB_Aberdeen Rd_ENT	537	9	29	40
Aberdeen Rd SB-2-2-2	481	17	57	40
I16_664_NB_39th St_EXT2	176	3	11	35
I17_664_SB_39th St_ENT	308	3	9	35
I18_664_SB_39th St_EXT	677	12	41	35
I30_664_SB_39th St_EXT	763	6	21	35
I15_664_NB_39th St_ENT	218	4	13	35
I16_664_NB_39th St_EXT	176	3	11	35
I20_664_WB_Chestnut Ave_EXT	275	2	8	25
I20a_664_WB_Chestnut Ave_ENT	115	1	4	25
I13_664_WB_Chestnut Ave_EXT	371	11	38	25
I14_664_EB_Chestnut Ave_EXT	741	13	46	25
I22_664_EB_Chestnut Ave_EXT	257	2	6	25
I32_664_WB_Roanoke Ave_EXT	70	2	8	25
I23_664_WB_Roanoke Ave_ENT	165	2	8	25
I24_664_WB_Roanoke Ave_EXT	158	3	9	25
I26_664_EB_Roanoke Ave_EXT	96	2	7	25
I33_664_EB_Roanoke Ave_ENT	152	4	14	25
I34_664_EB_Roanoke Ave_EXT	97	2	6	25
I-664 NB Outer Lane	2027	77	422	60
I-664 NB Inner Lane	1014	0	0	60
R92_664_WB_On Ramp from Power Pl 2	417	4	20	40
R92_664_WB_On Ramp from Power Pl P	417	4	20	40
R5_664_EB_Off Ramp to Aberdeen Rd	737	5	38	40

Table B-5: 2040 Build Alternative D Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
R5_664_EB_Off Ramp to Aberdeen Rd2	737	5	38	40
R90_664_WB_On Ramp from Aberdeen	307	5	28	35
R90_664_WB_On Ramp from Aberdeen2	307	5	28	35
R88_664_WB_On Ramp from Chestnut 2	224	2	9	40
R89_664_WB_Off Ramp to Aberdeen R	291	4	21	35
R88_664_WB_On Ramp from Chestnut	224	2	9	40
R6_664_EB_On Ramp from Aberdeen R	367	3	21	40
R8_664_EB_On Ramp from Roanoke A2	122	1	7	40
R8_664_EB_On Ramp from Roanoke Av	122	1	7	40
R87_664_WB_Off Ramp to Roanoke A2	153	1	6	35
R87_664_WB_Off Ramp to Roanoke Av	153	1	6	35
R7_664_EB_Off Ramp to Chestnut Ave2	743	2	15	40
I-664 SB Outer Lane-2-2-2	2932	20	151	60
I-664 SB Inner Lane-2-2-2	1467	0	0	60
I-664 NB Inner Lane-2	1094	0	0	60
I-664 NB Outer Lane-2	2187	80	439	60
R7_664_EB_Off Ramp to Chestnut Ave	743	2	15	40
I-664 SB Outer Lane-2-2-2-2	2681	21	157	60
I-664 SB Inner Lane-2-2-2-2	1341	0	0	60
I-664 NB Inner Lane-2	992	0	0	60
I-664 NB Outer Lane-2	1982	75	411	60
R89_664_WB_Off Ramp to Aberdeen2	291	4	21	35
R5_664_EB_Off Ramp to Aberdeen Rd L	146	1	8	40
I21_664_EB_Chestnut Ave_ENT	696	8	26	25
Ramp I-664 NB to Pughsville WB	397	6	42	40
Pughsville Rd EB W of I664	748	14	48	40
Pughsville Rd WB E of I664	1268	31	106	40
Ramp Pughsville Rd EB to I-664 SB	389	2	14	30
828_164_WB_ML	749	4	82	65
701_164_EB_ML	1934	4	122	60
R24a_664_EB_Off Ramp to SR 164S EB	626	6	43	50
R72_664_WB_On Ramp from SR 164N	780	0	0	25
Ramp I-664 NB to Pughsville Rd EB	312	4	33	40
Ramp Pughsville Rd WB to I664 SB	585	3	22	30
R30_664_EB_Off Ramp to Pughsville Rd	397	6	42	40
I57_664_SB_College Dr_ENT	862	11	37	50
I59_664_NB_College Dr_ENT	688	14	48	50

Table B-5: 2040 Build Alternative D Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
R24b_664_EB_Off Ramp to SR 164S W	172	2	12	50
I55_664_NB_College Dr_ENT	617	10	33	50
I58_664_SB_College Dr_EXT	941	12	42	50
I60_664_SB_College Dr_EXT	714	7	24	50
830_164_WB_ML	1399	6	120	65
525_664_EB_ML 1	1543	13	95	60
619_664_WB_ML	1948	43	233	60
628_664_WB_ML 2	1930	38	210	60
622_664_WB_ML 1	1950	39	214	60
Ramp Pughsville Rd WB or EB to I-664 SB	974	5	36	30
Ramp I-664 NB to Pughsville Rd EB or WB	709	10	76	40
539_664_EB_ML 1	1479	10	72	60
622_664_WB_ML 2	1950	39	214	60
R69_664_WB_Off Ramp to SR 164-2	751	11	63	45
539_664_EB_ML 2	1479	10	72	60
R73_664_WB_Off Ramp to SR 164S	649	6	35	25
R25_664_EB_On Ramp from SR 164S	387	8	60	25
624_664_WB_ML	4032	71	392	60
626_664_WB_ML 1	2295	39	214	60
626_664_WB_ML 2	2295	39	214	60
533_664_EB_ML	1946	18	136	60
R24_664_EB_Off Ramp to SR 164S	798	7	55	50
R74_664_WB_On Ramp from SR 164S	558	6	36	40
628_664_WB_ML 1	1930	38	210	60
531_664_EB_ML 1	1372	13	96	60
531_664_EB_ML 2	1372	13	96	60
525_664_EB_ML 2	1543	13	95	60
R22_664_EB_Off Ramp to SR 135S	199	2	15	45
R21_664_EB_On Ramp from SR 135N	266	1	8	25
R76_664_WB_On Ramp from SR 135S	229	1	5	25
R77_664_WB_Off Ramp to SR 135N	268	2	10	25
529_664_EB_ML 2	1273	12	88	60
529_664_EB_ML 1	1273	12	88	60
630_664_WB_ML 1	2266	38	208	60
630_664_WB_ML 2	2266	38	208	60
R78_664_WB_On Ramp from SR 135N	711	3	16	35
R20_664_EB_Off Ramp to SR 135N-2	314	2	14	35

Table B-5: 2040 Build Alternative D Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
527_664_EB_ML 1	1386	12	88	60
527_664_EB_ML 2	1386	12	88	60
R23_664_EB_On Ramp from SR 135S	199	2	15	45
R75_664_WB_Off Ramp to SR 135S	731	1	8	50
Pughsville Rd WB W of I664	723	12	40	40
Pughsville Rd EB Overpass	729	6	20	40
Pughsville Rd WB Overpass	823	26	91	40
Pughsville Rd EB E of I664	983	16	56	40
Ramp 664SB/Aberdeen Turn Ln	591	4	30	40
Chestnut Ave NB	172	3	10	25
Chestnut Ave SB	355	3	12	26
Aberdeen Rd SB	714	25	86	40
Roanoke Ave NB	70	2	8	25
Roanoke Ave SB	188	3	9	25
Ramp Lane I664 SB to 27th	202	0	2	35
Ramp Lane I664 SB to 26th	716	1	8	35
Ramp I664 NB to 26th St	511	3	16	25
Ramp I664 NB or 26th St to 26th St	270	2	8	25
W Pembroke Ave EB-4	214	4	12	35
W Pembroke Ave WB	481	17	57	40
Ramp 23rd St	78	2	5	25
23rd St	78	2	5	25
Jefferson Ave Seg 2 NB	191	3	11	25
Jefferson Ave Seg 2 SB	200	3	12	25
Jefferson Ave Seg 1 SB	167	3	10	25
Jefferson Ave Seg 1 NB	348	6	21	25
Ramp Jefferson Ave to I64 SB	573	1	6	40
Ramp 26th St to I64 SB	72	2	6	25
28th St	171	2	7	30
Aberdeen Rd NB-2	1135	17	58	40
Aberdeen Rd NB-2	642	10	33	40
Aberdeen Rd SB-2	599	21	70	40
Aberdeen Rd SB-2-2	481	17	57	40
W Pembroke Ave EB-2	176	3	11	35
W Pembroke Ave WB-2	308	3	9	35
W Pembroke Ave EB-2-3	176	3	11	35
W Pembroke Ave WB-2-2	677	12	41	35

Table B-5: 2040 Build Alternative D Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
W Pembroke Ave WB-2-2-2	763	6	21	35
Chestnut Ave NB-2	275	2	8	25
Chestnut Ave NB-2-2-2-2	371	11	38	25
Chestnut Ave SB-2	741	13	46	25
Roanoke Ave SB-2	152	4	14	25
Roanoke Ave SB-2-2	97	2	6	25
Roanoke Ave SB-2	96	2	7	25
Jefferson Ave Seg 1 NB-3	192	4	14	25
Jefferson Ave Seg 1 NB-2	314	7	24	25
Jefferson Ave Seg 1 SB-2	157	4	14	25
Jefferson Ave Seg 1 SB-2-2	191	3	11	25
Jefferson Ave Seg 1 NB-2	345	7	23	25
Jefferson Ave Seg 1 SB-2-2-2	200	3	12	25
Roanoke Ave NB-2	70	2	8	25
Roanoke Ave NB-2-2	158	3	9	25
I-664 NB Outer Lane	2935	83	459	65
I-664 NB Inner Lane	1468	0	0	65
I-664 SB Inner Lane	1467	0	0	60
I-664 SB Outer Lane	2932	20	151	60
Ramp Huntington Ave to I664 NB	683	2	16	30
Ramp I664 NB to Huntington Ave	592	1	7	25
Ramp I664 to Warwick Blvd	935	1	9	35
Ramp I664 SB to Aberdeen Rd-2	737	5	38	40
Ramp I664 SB to Aberdeen Rd	737	5	38	40
Ramp Aberdeen Rd to I664 NB	307	5	28	35
Ramp Aberdeen Rd to I664 NB-2	307	5	28	35
Ramp I664 NB to Aberdeen Rd	224	2	9	40
Ramp Chestnut Ave to I664 NB	224	2	9	40
Ramp I664 NB to Aberdeen Rd-2	291	4	21	35
Ramp Aberdeen Rd to I664 SB	367	3	21	40
Roadway150	743	2	15	40
Ramp Roanoke Ave to I664 SB-2	122	1	7	40
Ramp Roanoke Ave to I664 SB	122	1	7	40
Ramp I664 NB to Roanoke Ave	153	1	6	35
Ramp I664 NB to Roanoke Ave-2	153	1	6	35
Ramp Lane I664 SB to 26th/27th	918	1	11	35
Ramp Lane 26th St to I664 NB or 36th	318	1	6	35

Table B-5: 2040 Build Alternative D Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
Ramp I664 NB to E and W 26th St	675	4	21	25
Ramp 23rd St to I664 SB	216	1	4	25
Ramp I664 NB to Terminal Ave	82	1	7	25
Ramp Terminal Ave to I664 NB	13	0	2	25
I-664 SB Outer Lane-2	2762	22	164	60
I-664 SB Inner Lane-2	1382	0	0	60
I-664 NB Outer Lane-2	2129	78	428	60
I-664 NB Inner Lane-2	1065	0	0	60
I-664 SB Outer Lane-2-2	2139	21	155	60
I-664 SB Inner Lane-2-2	1070	0	0	60
I-664 SB Outer Lane-2-2-2	1528	19	144	60
I-664 SB Inner Lane-2-2-2	764	0	0	60
I-664 NB Outer Lane-2	2881	82	451	60
I-664 NB Inner Lane-2	1441	0	0	60
I-664 NB Outer Lane-2-2	2890	82	453	60
I-664 SB Outer Lane-2-2-2-2	2103	21	159	60
I-664 SB Inner Lane-2-2-2-2	1052	0	0	60
I-664 NB Outer Lane-2-2-2	2438	79	433	60
I-664 NB Inner Lane-2-2-2-2	1445	0	0	60
I-664 NB Inner Lane-2-2-2	1445	0	0	60
I-664 SB Outer Lane-2	2681	21	157	60
I-664 SB Inner Lane-2	1341	0	0	60
Ramp Aberdeen Rd to I664 SB-2	743	2	15	40
I-664 NB Inner Lane-2-2	992	0	0	60
I-664 NB Outer Lane-2-2	1982	75	411	60
Chestnut Ave NB-2-2-2	115	1	4	25
Chestnut Ave SB-2-2	696	8	26	25
Chestnut Ave SB-2-2-2	257	2	6	25
Roanoke Ave NB-2-2	165	2	8	25
I-664 NB Inner Lane-2-2	1014	0	0	60
I-664 NB Outer Lane-2-2	2027	77	422	60
Ramp I664 SB to Aberdeen Rd-2-2	146	1	8	40
Ramp Lane 26th St to I664 NB or 36th-2	583	2	10	25
Ramp Lane 26th St to I664 NB or 36th-2	1175	3	17	25
Ramp Huntington Ave to I664 NB-2	392	1	7	40
Ramp 23rd St to I664 SB-2	290	1	9	40
I-664 NB Outer Lane-2-2-2-2	2438	79	433	60

Table B-5: 2040 Build Alternative D Loudest-hour Traffic Data for All Roadways

Roadway Name and Location	Vehicle Volume in Loudest Hour (vph)			Speed (mph)
	Autos	Medium Trucks	Heavy Trucks	
I-664 NB Inner Lane-2-2-2-2-2	934	0	0	60
W Pembroke Ave EB 22	218	4	13	35

APPENDIX C:
PREDICTED NOISE LEVELS

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Table C-1: Predicted Noise Levels for I-64 in Hampton

CNA Site No.	Address	Recp. Unit	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		IL
										No-Barrier	With-Barrier	
AC-01	Waterside Dr, Row 1 Flr. 2	7	B	Res.	67	67	68	68	69	69	63	6
AC-02	Waterside Dr, Row 1 Flr. 2	7	B	Res.	67	66	67	67	67	67	60	7
AC-03	Waterside Dr, Row 1 Flr. 2	7	B	Res.	67	68	69	69	69	69	62	7
AC-04	1 Greenhill Ln, Row 1 Flr. 2	1	B	Res.	67	70	71	71	71	72	63	8
AC-05	1 Greenhill Ln, Row 1 Flr. 2	1	B	Res.	67	67	68	68	68	69	63	6
AC-06	Waterside Dr, Row 1 Flr. 2	1	B	Res.	67	67	68	68	68	69	62	7
AC-07	Waterside Dr, Row 1 Flr. 2	5	B	Res.	67	70	71	71	71	71	64	7
AC-08	Waterside Dr, Row 1 Flr. 2	5	B	Res.	67	68	70	70	70	70	63	6
AC-09	Waterside Dr, Row 1 Flr. 2	5	B	Res.	67	69	70	70	70	70	63	7
AC-10	Waterside Dr, Row 2 Flr. 2	5	B	Res.	67	67	68	68	69	69	62	6
AC-11	Waterside Dr, Row 2 Flr. 2	7	B	Res.	67	65	66	66	66	66	61	5
AC-12	Waterside Dr, Row 2 Flr. 2	7	B	Res.	67	64	65	65	65	66	60	6
AC-13	Waterside Dr, Row 2 Flr. 2	7	B	Res.	67	67	68	68	68	68	62	7
AC-14	Hampton Coliseum, 1000 Coliseum Dr, Row 1 Flr. 1	1	D	Int.	52	44	45	45	45	45	NA	NA
AD-01	68 Red Robin Turn, Row 1 Flr. 2	1	B	Res.	67	63	64	64	64	64	59	5
AD-02	66 Red Robin Turn, Row 1 Flr. 1	1	B	Res.	67	63	64	64	64	65	59	6
AD-03	64 Red Robin Turn, Row 1 Flr. 1	1	B	Res.	67	64	65	65	65	65	59	6
AD-04	62 Red Robin Turn, Row 1 Flr. 2	1	B	Res.	67	64	65	65	65	65	59	7
AD-05	60 Red Robin Turn, Row 1 Flr. 2	1	B	Res.	67	64	65	65	65	65	59	7
AD-06	58 Red Robin Turn, Row 1 Flr. 2	1	B	Res.	67	64	65	65	65	66	59	7
AD-07	56 Red Robin Turn, Row 1 Flr. 2	1	B	Res.	67	65	66	66	66	66	59	8
AD-08	54 Red Robin Turn, Row 1 Flr. 1	1	B	Res.	67	65	66	66	66	67	58	8
AD-09	52 Red Robin Turn, Row 1 Flr. 2	1	B	Res.	67	65	66	66	66	67	59	8
AD-10	50 Red Robin Turn, Row 1 Flr. 1	1	B	Res.	67	66	67	67	67	67	59	8
AD-11	48 Red Robin Turn, Row 1 Flr. 2	1	B	Res.	67	66	67	67	67	67	59	8
AD-12	46 Red Robin Turn, Row 1 Flr. 2	1	B	Res.	67	66	67	67	67	68	59	8
AD-13	44 Red Robin Turn, Row 1 Flr. 2	1	B	Res.	67	66	67	67	67	68	59	8
AD-14	42 Red Robin Turn, Row 1 Flr. 2	1	B	Res.	67	67	67	67	68	68	60	8
AD-15	40 Red Robin Turn, Row 1 Flr. 2	1	B	Res.	67	66	67	67	67	67	60	7
AD-16	38 Red Robin Turn, Row 1 Flr. 2	1	B	Res.	67	65	66	65	66	66	60	6
AD-17	36 Red Robin Turn, Row 1 Flr. 1	1	B	Res.	67	62	63	62	63	64	59	5
AD-18	48 Red Robin Turn, Row 1 Flr. 1	0	B	Res.	67	60	61	61	61	62	57	4
AD-19	70 Red Robin Turn, Row 1 Flr. 1	1	B	Res.	67	62	63	63	63	64	59	5
AD-20	72 Red Robin Turn, Row 1 Flr. 1	1	B	Res.	67	61	62	62	62	63	58	4
AE-01	Basketball Court, 607 MICHIGAN DR, Row 1 Flr. 1	1	C	Rec.	67	67	68	NA	68	68	61	7
AE-02	607 MICHIGAN DR, Row 1 Flr. 1	0	B	Res.	67	61	61	NA	62	62	NA	NA
AE-03	Swing Set, 607 MICHIGAN DR, Row 1 Flr. 1	1	C	Rec.	67	65	66	NA	66	67	62	5
AE-04	607 Michigan Dr, Row 1 Flr. 1	16	B	Res.	67	63	64	NA	64	65	NA	NA
AE-05	607 Michigan Dr, Row 1 Flr. 1	16	B	Res.	67	62	63	NA	63	64	NA	NA
AE-06	607 Michigan Dr, Row 1 Flr. 1	8	B	Res.	67	63	64	NA	64	64	NA	NA
AE-07	607 Michigan Dr, Row 2 Flr. 1	16	B	Res.	67	60	61	NA	61	62	NA	NA
AE-08	607 Michigan Dr, Row 2 Flr. 1	16	B	Res.	67	60	61	NA	61	61	NA	NA
AE-09	607 Michigan Dr, Row 2 Flr. 1	16	B	Res.	67	60	61	NA	61	61	NA	NA

Table C-1: Predicted Noise Levels for I-64 in Hampton

CNA Site No.	Address	Recp. Unit	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
AE-10	607 Michigan Dr, Row 1 Flr. 1	16	B	Res.	67	62	63	NA	63	63	NA	NA
AE-11	607 Michigan Dr, Row 2 Flr. 1	16	B	Res.	67	59	60	NA	60	61	NA	NA
AE-12	607 Michigan Dr, Row 1 Flr. 1	16	B	Res.	67	61	61	NA	62	62	NA	NA
AF-01	Perfecting Saints, 508 Patterson Ave, Row 1 Flr. 1	1	D	Int.	52	40	41	NA	41	41	59	7
AF-02	500 Patterson Ave, Row 3 Flr. 1	1	B	Res.	67	61	62	NA	62	62	55	7
AF-03	504 Patterson Ave, Row 2 Flr. 1	1	B	Res.	67	62	63	NA	63	63	56	7
AF-04	747 N Back River Rd, Row 1 Flr. 1	1	B	Res.	67	65	66	NA	66	66	59	7
AF-05	818 Griffin St, Row 3 Flr. 1	1	B	Res.	67	62	63	NA	63	63	55	7
AF-06	527 Owens St, Row 1 Flr. 1	1	B	Res.	67	69	70	NA	70	70	67	3
AF-07	745 N Back River Rd, Row 2 Flr. 1	1	B	Res.	67	65	66	NA	66	66	59	7
AF-08	741 N Back River Rd, Row 2 Flr. 1	2	B	Res.	67	64	64	NA	64	65	58	7
AF-09	742 N Back River Rd, Row 1 Flr. 1	1	B	Res.	67	67	68	NA	68	68	65	4
AF-10	737 N Back River Rd, Row 3 Flr. 1	1	B	Res.	67	63	64	NA	64	64	58	7
AF-11	740 N Back River Rd, Row 2 Flr. 1	1	B	Res.	67	67	68	NA	68	69	66	3
AF-12	Hampton Family Ymca	1	D	Int.	52	40	41	NA	41	41	34	7
AG-01	916 N Armistead Ave, Row 1 Flr. 1	1	B	Res.	67	71	72	NA	72	72	64	9
AG-02	506 Bassette St, Row 2 Flr. 1	2	B	Res.	67	66	67	NA	67	67	61	6
AG-03	932 Langley Ave, Row 2 Flr. 1	2	B	Res.	67	65	66	NA	66	67	60	7
AG-04	424 Bassette St, Row 1 Flr. 2	1	B	Res.	67	69	70	NA	70	71	59	12
AG-05	924 Langley Ave, Row 2 Flr. 1	2	B	Res.	67	67	68	NA	68	68	59	10
AG-06	922 Langley Ave, Row 2 Flr. 1	1	B	Res.	67	68	69	NA	69	70	59	11
AG-07	920 Langley Ave, Row 1 Flr. 1	1	B	Res.	67	69	70	NA	70	71	61	10
AG-08	931 Langley Ave, Row 3 Flr. 1	2	B	Res.	67	63	64	NA	64	64	60	4
AG-09	912 Langley Ave, Row 1 Flr. 2	1	B	Res.	67	72	73	NA	73	73	63	10
AG-10	910 Langley Ave, Row 1 Flr. 2	1	B	Res.	67	73	74	NA	74	74	61	13
AG-11	908 Langley Ave, Row 1 Flr. 1	1	B	Res.	67	74	75	NA	75	75	61	14
AG-12	925 Langley Ave, Row 3 Flr. 1	2	B	Res.	67	64	65	NA	65	65	60	6
AG-13	917 Langley Ave, Row 3 Flr. 1	1	B	Res.	67	66	67	NA	67	68	61	7
AG-14	915 Langley Ave, Row 2 Flr. 1	2	B	Res.	67	69	70	NA	70	70	63	8
AG-15	907 Langley Ave, Row 1 Flr. 1	1	B	Res.	67	70	71	NA	71	71	63	10
AG-16	905 Langley Ave, Row 1 Flr. 1	1	B	Res.	67	71	72	NA	72	72	61	14
AG-17	414 Heffelfinger Ave, Row 3 Flr. 1	1	B	Res.	67	63	64	NA	64	64	61	4
AG-18	1105 Thomas St, Row 1 Flr. 2	2	B	Res.	67	70	71	NA	71	71	61	10
AG-19	406 Heffelfinger Ave, Row 3 Flr. 1	2	B	Res.	67	66	67	NA	67	67	61	8
AG-20	402 Heffelfinger Ave, Row 2 Flr. 1	1	B	Res.	67	69	70	NA	70	70	62	10
AG-21	1103 Thomas St, Row 1 Flr. 1	1	B	Res.	67	70	71	NA	71	72	60	13
AG-22	1016 Thomas St, Row 1 Flr. 1	1	B	Res.	67	73	74	NA	74	74	60	14
AG-23	1014 Thomas St, Row 1 Flr. 1	1	B	Res.	67	72	73	NA	73	73	60	13
AG-24	903 Langley Ave, Row 1 Flr. 1	0	B	Res.	67	70	71	NA	71	71	61	10
AH-01	1321 Willnew Dr, Row 1 Flr. 1	1	B	Res.	67	67	68	NA	68	68	66	4
AH-02	1319 Willnew Dr, Row 1 Flr. 1	1	B	Res.	67	67	68	NA	68	68	62	8
AH-03	1318 Willnew Dr, Row 2 Flr. 1	1	B	Res.	67	63	64	NA	64	65	63	2
AH-04	1317 Willnew Dr, Row 1 Flr. 1	1	B	Res.	67	67	68	NA	68	68	62	8

Table C-1: Predicted Noise Levels for I-64 in Hampton

CNA Site No.	Address	Recp. Unit	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
AH-05	1315 Willnew Dr, Row 1 Flr. 1	1	B	Res.	67	67	68	NA	68	68	61	8
AH-06	1314 Willnew Dr, Row 2 Flr. 1	3	B	Res.	67	64	65	NA	65	65	62	4
AH-07	1335 Thomas St, Row 3 Flr. 1	5	B	Res.	67	61	61	NA	61	62	60	3
AH-08	1313 Willnew Dr, Row 1 Flr. 1	1	B	Res.	67	66	67	NA	67	67	61	8
AH-09	1311 Willnew Dr, Row 1 Flr. 1	1	B	Res.	67	65	66	NA	66	66	60	8
AH-10	1309 Willnew Dr, Row 1 Flr. 1	1	B	Res.	67	64	64	NA	64	65	60	8
AH-11	1308 Willnew Dr, Row 2 Flr. 1	2	B	Res.	67	63	64	NA	64	64	61	4
AH-12	1307 Willnew Dr, Row 1 Flr. 1	1	B	Res.	67	62	63	NA	63	64	60	7
AH-13	502 Patrick Ct, Row 3 Flr. 1	3	B	Res.	67	59	60	NA	60	60	58	3
AH-14	1305 Willnew Dr, Row 1 Flr. 1	1	B	Res.	67	62	62	NA	62	63	60	7
AH-15	1303 Willnew Dr, Row 1 Flr. 1	1	B	Res.	67	62	63	NA	63	63	60	7
AH-16	1301 Willnew Dr, Row 1 Flr. 1	1	B	Res.	67	62	63	NA	63	63	59	6
AH-17	1306 Patrick St, Row 2 Flr. 1	3	B	Res.	67	61	62	NA	62	62	59	5
AH-18	1303 Patrick Ct, Row 1 Flr. 1	1	B	Res.	67	60	61	NA	61	61	59	6
AH-19	1309 Thomas St, Row 3 Flr. 1	3	B	Res.	67	58	59	NA	59	59	57	5
AH-20	1302 Patrick St, Row 2 Flr. 1	1	B	Res.	67	61	62	NA	62	62	59	6
AH-21	1300 Patrick St, Row 1 Flr. 1	1	B	Res.	67	61	62	NA	62	62	59	7
AH-22	1301 Thomas St, Row 2 Flr. 1	2	B	Res.	67	59	60	NA	60	61	57	6
AH-23	1213 Thomas St, Row 1 Flr. 1	1	B	Res.	67	62	63	NA	63	63	60	10
AH-24	1303 Patrick Ct, Row 1 Flr. 1	0	B	Res.	67	61	61	NA	61	62	59	6
AI-01	321 Bassette St, Row 1 Flr. 1	1	B	Res.	67	66	66	NA	66	67	62	13
AI-02	325 Bassette St, Row 2 Flr. 1	1	B	Res.	67	63	64	NA	64	64	60	11
AI-03	YH Thomas Park, 1300 Thomas St, Row 1 Flr. 1	1	C	Rec.	67	55	56	NA	56	56	51	7
AI-04	329 Bassette St, Row 2 Flr. 1	2	B	Res.	67	62	63	NA	63	63	58	11
AI-05	335 Bassette St, Row 2 Flr. 1	1	B	Res.	67	60	61	NA	61	61	57	9
AI-06	810 Langley Ave, Row 1 Flr. 2	1	B	Res.	67	64	65	NA	65	65	60	13
AI-07	1215 Guy St, Row 3 Flr. 2	1	B	Res.	67	57	58	NA	58	59	55	7
AI-08	806 Langley Ave, Row 2 Flr. 2	1	B	Res.	67	64	65	NA	65	66	60	12
AI-09	802 Langley Ave, Row 2 Flr. 2	2	B	Res.	67	62	63	NA	63	63	59	10
AI-10	809 Langley Ave, Row 1 Flr. 1	1	B	Res.	67	67	68	NA	68	69	63	14
AI-11	724 Langley Ave, Row 3 Flr. 1	3	B	Res.	67	59	59	NA	59	60	55	8
AI-12	807 Langley Ave, Row 1 Flr. 1	1	B	Res.	67	66	67	NA	67	68	62	13
AI-13	805 Langley Ave, Row 2 Flr. 1	1	B	Res.	67	65	66	NA	66	67	62	12
AI-14	716 Langley Ave, Row 3 Flr. 1	5	B	Res.	67	57	58	NA	58	58	54	7
AI-15	801 Langley Ave, Row 2 Flr. 1	1	B	Res.	67	65	65	NA	65	66	61	11
AI-16	1104 Guy St, Row 1 Flr. 2	1	B	Res.	67	66	67	NA	67	67	62	13
AI-17	719 Langley Ave, Row 2 Flr. 1	2	B	Res.	67	61	62	NA	62	63	58	9
AI-18	717 Langley Ave, Row 2 Flr. 1	2	B	Res.	67	60	61	NA	61	62	57	8
AI-19	Langley Ave, Row 3 Flr. 1	1	B	Res.	67	59	60	NA	60	60	54	9
AI-20	707 Langley Ave, Row 3 Flr. 1	1	B	Res.	67	58	59	NA	59	59	54	9
AI-21	220 Albert E Simpso*, Row 1 Flr. 1	1	B	Res.	67	65	66	NA	66	66	61	11
AI-22	218 Albert E Simpso*, Row 1 Flr. 2	1	B	Res.	67	63	64	NA	64	64	59	11
AI-23	216 Albert E Simpso*, Row 2 Flr. 1	1	B	Res.	67	62	63	NA	63	63	58	11

Table C-1: Predicted Noise Levels for I-64 in Hampton

CNA Site No.	Address	Recp. Unit	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
Al-24	214 Albert E Simpson*, Row 2 Flr. 1	2	B	Res.	67	61	62	NA	62	62	56	10
Al-25	1011 Carver St, Row 1 Flr. 1	1	B	Res.	67	64	65	NA	65	65	60	10
Al-26	1125 Rowe St, Row 3 Flr. 1	5	B	Res.	67	56	57	NA	57	57	53	8
Al-27	208 Albert E Simpson*, Row 2 Flr. 1	2	B	Res.	67	59	60	NA	60	61	55	9
Al-28	1012 Carver St, Row 2 Flr. 1	1	B	Res.	67	61	62	NA	62	62	57	10
Al-29	1009 Carver St, Row 1 Flr. 1	1	B	Res.	67	63	64	NA	64	65	61	10
Al-30	1010 Carver St, Row 2 Flr. 1	1	B	Res.	67	62	63	NA	63	63	57	10
Al-31	1008 Carver St, Row 2 Flr. 2	1	B	Res.	67	62	63	NA	63	63	57	10
Al-32	1011 Rowe St, Row 3 Flr. 1	3	B	Res.	67	61	62	NA	62	62	55	11
Al-33	1006 Carver St, Row 1 Flr. 1	1	B	Res.	67	63	64	NA	64	64	58	9
Al-34	1004 Carver St, Row 1 Flr. 1	1	B	Res.	67	63	64	NA	64	64	59	10
Al-35	1007 Rowe St, Row 2 Flr. 1	1	B	Res.	67	62	63	NA	63	63	56	10
Al-36	1002 Carver St, Row 1 Flr. 1	1	B	Res.	67	63	64	NA	64	65	59	9
Al-37	1005 Rowe St, Row 2 Flr. 1	1	B	Res.	67	63	64	NA	64	64	57	9
Al-38	1003 Rowe St, Row 1 Flr. 1	1	B	Res.	67	64	65	NA	65	65	58	9
Al-39	1008 Rowe St, Row 3 Flr. 2	2	B	Res.	67	60	60	NA	60	61	54	8
Al-40	1004 Rowe St, Row 2 Flr. 1	1	B	Res.	67	61	62	NA	62	62	55	8
Al-41	1002 Rowe St, Row 2 Flr. 1	1	B	Res.	67	62	63	NA	63	63	57	7
Al-42	232 Rip Rap Rd, Row 2 Flr. 1	1	B	Res.	67	68	68	NA	68	68	66	3
Al-43	230 Rip Rap Rd, Row 2 Flr. 1	1	B	Res.	67	67	68	NA	68	68	66	2
Al-44	228 Rip Rap Rd, Row 2 Flr. 1	1	B	Res.	67	67	68	NA	68	68	66	2
Al-45	226 Rip Rap Rd, Row 2 Flr. 1	1	B	Res.	67	67	67	NA	67	68	66	2
Al-46	938 Spring St, Row 1 Flr. 1	1	B	Res.	67	68	69	NA	69	69	61	8
Al-47	Humble Beginnings, 220 Rip Rap Rd, Row 3 Flr. 1	1	C	Rec.	67	65	66	NA	66	66	64	2
Al-48	940 Spring St, Row 1 Flr. 1	1	B	Res.	67	69	69	NA	69	70	60	9
Al-49	947 Mason St, Row 2 Flr. 1	1	B	Res.	67	68	69	NA	69	69	67	1
Al-50	941 Mason St, Row 2 Flr. 2	1	B	Res.	67	66	66	NA	66	67	61	5
Al-51	939 Mason St, Row 2 Flr. 1	1	B	Res.	67	66	66	NA	66	67	59	7
Al-52	937 Mason St, Row 1 Flr. 1	1	B	Res.	67	66	67	NA	67	68	59	8
Al-53	935 Mason St, Row 1 Flr. 1	1	B	Res.	67	67	68	NA	68	69	59	8
Al-54	940 Mason St, Row 2 Flr. 1	3	B	Res.	67	62	63	NA	63	63	58	4
Al-55	213 Rip Rap Rd, Row 3 Flr. 1	2	B	Res.	67	62	62	NA	63	63	61	2
Al-56	933 Mason St, Row 1 Flr. 1	1	B	Res.	67	69	70	NA	70	70	62	6
Al-57	931 Mason St, Row 1 Flr. 1	1	B	Res.	67	72	73	NA	73	73	60	10
Al-58	930 Mason St, Row 2 Flr. 1	3	B	Res.	67	65	66	NA	66	66	56	8
Al-59	926 Mason St, Row 2 Flr. 1	1	B	Res.	67	68	69	NA	69	70	57	10
Al-60	924 Mason St, Row 1 Flr. 2	1	B	Res.	67	70	71	NA	70	71	58	11
Al-61	941 Quash St, Row 3 Flr. 2	2	B	Res.	67	59	60	NA	60	61	54	6
Al-62	920 Mason St, Row 1 Flr. 1	1	B	Res.	67	71	72	NA	72	72	59	13
Al-63	935 Quash St, Row 2 Flr. 1	4	B	Res.	67	61	62	NA	62	63	55	7
Al-64	921 Quash St, Row 1 Flr. 1	1	B	Res.	67	64	65	NA	65	66	57	8
Al-65	917 Quash St, Row 1 Flr. 2	1	B	Res.	67	65	66	NA	66	66	58	8
Al-66	926 Quash St, Row 3 Flr. 2	3	B	Res.	67	60	61	NA	61	61	55	6

Table C-1: Predicted Noise Levels for I-64 in Hampton

CNA Site No.	Address	Recp. Unit	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		IL
										No-Barrier	With-Barrier	
AI-67	915 Quash St, Row 1 Flr. 1	1	B	Res.	67	65	66	NA	66	67	59	8
AI-68	913 Quash St, Row 1 Flr. 2	1	B	Res.	67	65	66	NA	66	66	59	7
AI-69	907 Quash St, Row 1 Flr. 2	1	B	Res.	67	67	68	NA	68	68	60	8
AI-70	905 Quash St, Row 1 Flr. 2	1	B	Res.	67	68	69	NA	69	70	61	8
AI-71	914 Quash St, Row 2 Flr. 1	1	B	Res.	67	61	62	NA	62	63	57	6
AI-72	903 Quash St, Row 1 Flr. 2	1	B	Res.	67	68	69	NA	69	70	61	8
AI-73	843 Quash St, Row 1 Flr. 1	1	B	Res.	67	68	69	NA	69	69	61	8
AI-74	904 Quash St, Row 2 Flr. 1	3	B	Res.	67	63	64	NA	64	64	59	6
AI-75	842 Quash St, Row 2 Flr. 2	1	B	Res.	67	64	65	NA	65	65	59	6
AI-76	840 Quash St, Row 2 Flr. 1	1	B	Res.	67	65	66	NA	66	66	59	7
AI-77	Quash St, Row 2 Flr. 1	1	B	Res.	67	66	67	NA	67	67	60	7
AI-78	13 Kempton St, Row 3 Flr. 2	3	B	Res.	67	62	63	NA	63	63	57	6
AI-79	Hampton Rds Realty, 813 N King St, Row 1 Flr. 2	1	E	Com.	72	66	67	NA	67	68	59	9
AI-80	811 N King St, Row 1 Flr. 2	1	B	Res.	67	67	68	NA	68	69	59	9
AI-81	834 N King St, Row 3 Flr. 1	1	B	Res.	67	62	63	NA	63	63	56	8
AI-82	832 N King St, Row 2 Flr. 1	1	B	Res.	67	63	64	NA	64	65	56	8
AI-83	814 N King St, Row 2 Flr. 1	1	B	Res.	67	64	65	NA	65	65	57	8
AI-84	812 N King St, Row 1 Flr. 2	1	B	Res.	67	65	66	NA	66	66	57	9
AI-85	804 N King St, Row 1 Flr. 2	1	B	Res.	67	67	68	NA	68	68	59	9
AI-86	100 Spanish Tr, Row 1 Flr. 3	15	B	Res.	67	64	65	NA	65	65	58	8
AI-87	931 Mason St, Row 1 Flr. 1	0	B	Res.	67	69	70	NA	70	71	58	10
AI-88	100 Spanish Tr, Row 1 Flr. 1	0	B	Res.	67	64	65	NA	65	66	59	8
AI-89	100 Spanish Tr, Row 2 Flr. 1	14	B	Res.	67	45	46	NA	46	47	43	4
AI-90	810 Langley Av, Row 1 Flr. 1	0	B	Res.	67	66	66	NA	66	67	62	13
AJ-01	112 Colbert Ave, Row 1 Flr. 2	1	B	Res.	67	62	63	NA	63	64	59	5
AJ-02	326 Poplar Ave, Row 1 Flr. 1	0	B	Res.	67	67	68	NA	68	68	57	11
AJ-03	113 Poplar Ave, Row 2 Flr. 1	1	B	Res.	67	59	60	NA	60	61	57	4
AJ-04	108 Colbert Ave, Row 1 Flr. 1	1	B	Res.	67	63	64	NA	64	64	58	6
AJ-05	115 Poplar Ave, Row 2 Flr. 1	1	B	Res.	67	58	59	NA	59	59	55	3
AJ-06	617 Eaton St, Row 1 Flr. 1	1	B	Res.	67	63	64	NA	64	64	58	6
AJ-07	125 Poplar Ave, Row 1 Flr. 1	1	B	Res.	67	60	61	NA	61	62	54	8
AJ-08	613 Eaton St, Row 1 Flr. 1	1	B	Res.	67	62	63	NA	63	63	56	8
AJ-09	524 Eaton St, Row 2 Flr. 1	1	B	Res.	67	59	60	NA	60	61	55	6
AJ-10	520 Eaton St, Row 1 Flr. 1	1	B	Res.	67	59	60	NA	60	61	54	6
AJ-11	607 Washington St, Row 1 Flr. 2	1	B	Res.	67	63	64	NA	64	64	54	11
AJ-12	605 Washington St, Row 1 Flr. 1	1	B	Res.	67	63	64	NA	64	65	54	11
AJ-13	603 Washington St, Row 1 Flr. 2	1	B	Res.	67	62	63	NA	63	64	54	10
AJ-14	525 Washington St, Row 2 Flr. 1	2	B	Res.	67	61	62	NA	62	62	54	9
AJ-15	509 Washington St, Row 3 Flr. 1	1	B	Res.	67	60	61	NA	61	62	54	8
AJ-16	606 Washington St, Row 1 Flr. 2	1	B	Res.	67	67	68	NA	68	69	57	11
AJ-17	602 Washington St, Row 1 Flr. 2	1	B	Res.	67	66	67	NA	67	67	57	11
AJ-18	303 Elm Ave, Row 2 Flr. 2	2	B	Res.	67	61	62	NA	62	62	56	6
AJ-19	304 Poplar Ave, Row 1 Flr. 2	2	B	Res.	67	64	65	NA	65	65	55	10

Table C-1: Predicted Noise Levels for I-64 in Hampton

CNA Site No.	Address	Recp. Unit	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		IL
										No-Barrier	With-Barrier	
AJ-20	314 Poplar Ave, Row 1 Flr. 2	1	B	Res.	67	65	66	NA	66	66	59	7
AJ-21	317 Elm Ave, Row 2 Flr. 2	2	B	Res.	67	62	63	NA	63	63	55	8
AJ-22	324 Poplar Ave, Row 1 Flr. 2	1	B	Res.	67	66	67	NA	67	67	57	11
AJ-23	325 Elm Ave, Row 2 Flr. 2	3	B	Res.	67	63	64	NA	64	64	57	7
AJ-24	326 Poplar Ave, Row 1 Flr. 1	1	B	Res.	67	67	68	NA	68	68	57	11
AJ-25	326 Elm Ave, Row 2 Flr. 2	1	B	Res.	67	62	63	NA	63	63	55	8
AJ-26	509 Marshall St, Row 1 Flr. 2	2	B	Res.	67	65	66	NA	66	66	57	9
AJ-27	511 Marshall St, Row 1 Flr. 1	1	B	Res.	67	66	67	NA	67	68	58	10
AJ-28	501 Marshall St, Row 1 Flr. 2	2	B	Res.	67	65	66	NA	66	67	57	10
AJ-29	349 E Pembroke Ave, Row 2 Flr. 1	2	B	Res.	67	63	64	NA	64	65	56	9
AJ-30	418 Marshall St, Row 2 Flr. 2	1	B	Res.	67	66	67	NA	67	67	57	10
AJ-31	403 E Pembroke Ave, Row 2 Flr. 2	1	B	Res.	67	65	66	NA	66	66	56	10
AJ-32	502 Marshall St, Row 1 Flr. 2	1	B	Res.	67	68	69	NA	69	69	58	10
AJ-33	415 E Pembroke Ave, Row 1 Flr. 2	1	B	Res.	67	67	68	NA	68	68	58	10
AJ-34	410 E Pembroke Ave, Row 2 Flr. 2	1	B	Res.	67	63	64	NA	64	65	58	8
AJ-35	421 E Pembroke Ave, Row 1 Flr. 2	1	B	Res.	67	67	68	NA	68	68	58	10
AJ-36	316 Marshall St, Row 1 Flr. 1	1	B	Res.	67	63	64	NA	64	65	59	7
AJ-37	314 Marshall St, Row 1 Flr. 1	1	B	Res.	67	63	64	NA	64	64	59	6
AJ-38	433 E Pembroke Ave, Row 1 Flr. 2	1	B	Res.	67	68	69	NA	69	69	58	10
AJ-39	440 E Pembroke Ave, Row 1 Flr. 2	1	B	Res.	67	66	67	NA	67	67	59	8
AJ-40	442 E Pembroke Ave, Row 1 Flr. 2	1	B	Res.	67	67	68	NA	68	69	60	8
AK-02	295 Creek Ave, Row 1 Flr. 1	1	B	Res.	67	65	66	NA	66	66	66	5
AK-03	297 Creek Ave, Row 1 Flr. 2	1	B	Res.	67	63	64	NA	64	65	65	6
AK-04	200 Cooper St, Row 1 Flr. 2	1	B	Res.	67	65	66	NA	66	67	67	8
AK-05	299 Creek Ave, Row 2 Flr. 1	1	B	Res.	67	63	64	NA	64	64	64	6
AK-06	202 Cooper St, Row 1 Flr. 2	1	B	Res.	67	65	66	NA	66	66	66	10
AK-07	301 Creek Ave, Row 2 Flr. 2	1	B	Res.	67	62	62	NA	63	63	63	5
AK-08	304 Creek Ave, Row 1 Flr. 1	1	B	Res.	67	65	66	NA	66	66	66	8
AK-09	305 Creek Ave, Row 2 Flr. 1	2	B	Res.	67	61	62	NA	62	62	62	5
AK-10	305 Cooper St, Row 1 Flr. 1	1	B	Res.	67	65	66	NA	66	66	66	9
AK-11	308 Creek Ave, Row 2 Flr. 2	1	B	Res.	67	61	62	NA	62	63	63	7
AK-12	307 Cooper St, Row 1 Flr. 1	1	B	Res.	67	65	66	NA	66	66	66	7
AK-13	309 Cooper St, Row 1 Flr. 1	1	B	Res.	67	64	65	NA	65	65	65	6
AK-14	341 Creek Ave, Row 3 Flr. 2	5	B	Res.	67	58	59	NA	59	59	59	4
AK-15	311 Cooper St, Row 1 Flr. 1	1	B	Res.	67	63	64	NA	64	64	64	6
AK-16	312 Creek Ave, Row 2 Flr. 2	2	B	Res.	67	60	61	NA	61	61	61	5
AK-17	310 Cooper St, Row 1 Flr. 1	1	B	Res.	67	65	66	NA	66	66	66	9
AK-18	313 Cooper St, Row 2 Flr. 1	1	B	Res.	67	62	63	NA	63	63	63	6
AK-19	312 Cooper St, Row 1 Flr. 1	1	B	Res.	67	64	65	NA	65	65	65	7
AK-20	811 Marshall St, Row 3 Flr. 1	2	B	Res.	67	59	60	NA	60	60	60	4
AK-21	807 Marshall St, Row 2 Flr. 1	1	B	Res.	67	61	62	NA	62	63	63	5
AK-22	314 Cooper St, Row 1 Flr. 1	1	B	Res.	67	65	66	NA	66	66	66	6
AK-23	403 Creek Ave, Row 3 Flr. 1	2	B	Res.	67	57	58	NA	58	58	58	3

Table C-1: Predicted Noise Levels for I-64 in Hampton

CNA Site No.	Address	Recp. Unit	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
AK-24	316 Cooper St, Row 1 Flr. 1	1	B	Res.	67	64	65	NA	65	66	66	5
AK-25	812 Marshall St, Row 3 Flr. 2	1	B	Res.	67	58	59	NA	59	59	59	4
AK-26	808 Marshall St, Row 2 Flr. 2	1	B	Res.	67	60	60	NA	60	61	61	5
AK-27	718 Marshall St, Row 1 Flr. 1	1	B	Res.	67	63	64	NA	64	64	64	5
AK-28	415 Colbert Ave, Row 1 Flr. 2	1	B	Res.	67	62	63	NA	63	63	63	7
AK-29	429 Cooper St, Row 2 Flr. 2	1	B	Res.	67	59	60	NA	60	60	60	5
AK-30	434 Creek Ave, Row 3 Flr. 1	1	B	Res.	67	57	58	NA	58	58	58	4
AK-31	421 Colbert Ave, Row 1 Flr. 2	1	B	Res.	67	62	63	NA	63	63	63	6
AK-32	422 Cooper St, Row 2 Flr. 1	2	B	Res.	67	61	62	NA	62	62	62	4
AK-33	423 Colbert Ave, Row 1 Flr. 1	1	B	Res.	67	63	64	NA	64	64	64	4
AK-34	438 Creek Ave, Row 3 Flr. 1	4	B	Res.	67	57	58	NA	58	59	59	4
AK-35	719 River St, Row 2 Flr. 1	2	B	Res.	67	60	61	NA	61	61	61	5
AK-36	425 Colbert Ave, Row 1 Flr. 1	1	B	Res.	67	62	63	NA	63	63	63	4
AK-37	424 Colbert Ave, Row 1 Flr. 2	1	B	Res.	67	62	63	NA	63	63	63	5
AK-38	623 River St, Row 1 Flr. 2	1	B	Res.	67	62	63	NA	63	63	63	5
AK-39	437 Colbert Ave, Row 2 Flr. 1	1	B	Res.	67	61	62	NA	62	62	62	5
AK-40	720 River St, Row 3 Flr. 2	2	B	Res.	67	58	59	NA	59	60	60	4
AK-41	628 River St, Row 2 Flr. 2	2	B	Res.	67	60	61	NA	61	61	61	5
AK-42	544 River St, Row 1 Flr. 1	1	B	Res.	67	60	61	NA	61	61	61	6
AK-43	716 River St, Row 2 Flr. 2	1	B	Res.	67	59	60	NA	60	60	60	5
AK-44	542 River St, Row 1 Flr. 2	1	B	Res.	67	59	60	NA	60	61	61	7
AK-45	540 River St, Row 1 Flr. 1	1	B	Res.	67	58	59	NA	59	59	59	8
AK-46	538 River St, Row 1 Flr. 2	1	B	Res.	67	57	58	NA	58	58	58	12
AK-47	415 Colbert Ave, Row 1 Flr. 1	0	B	Res.	67	63	64	NA	64	64	64	6
AL-01	River Street Park, Row 1	1	C	Rec.	67	54	55	NA	55	56	56	9
AL-02	River Street Park, Row 1	1	C	Rec.	67	63	64	NA	64	65	NA	NA
AL-03	River Street Park, Row 1	1	C	Rec.	67	63	64	NA	64	65	NA	NA
AL-04	River St, Row 1 Flr. 1	1	C	Rec.	67	69	70	NA	70	70	58	10
AL-05	441 E Pembroke Ave, Row 1 Flr. 1	1	C	Rec.	67	55	56	NA	56	56	56	10
AL-06	534 River St, Row 2 Flr. 1	1	C	Rec.	67	68	69	NA	69	70	59	10
AL-07	River St, Row 1 Flr. 1	1	C	Rec.	67	59	60	NA	60	60	60	7
AL-08	534 River St, Row 1 Flr. 1	1	C	Rec.	67	69	70	NA	70	70	59	9
AM-01	Brough Ln, Row 1 Flr. 1	2	B	Res.	67	57	58	NA	58	58	56	2
AM-02	Brough Ln, Row 1 Flr. 2	2	B	Res.	67	58	59	NA	59	59	58	1
AM-03	Brough Ln, Row 1 Flr. 3	2	B	Res.	67	60	61	NA	60	61	59	1
AM-04	Brough Ln, Row 1 Flr. 1	3	B	Res.	67	62	62	NA	62	62	56	6
AM-05	Brough Ln, Row 1 Flr. 2	3	B	Res.	67	63	64	NA	63	64	58	6
AM-06	Brough Ln, Row 1 Flr. 3	3	B	Res.	67	65	66	NA	65	65	59	6
AM-07	Brough Ln, Row 1 Flr. 1	2	B	Res.	67	57	58	NA	57	57	55	2
AM-08	Brough Ln, Row 1 Flr. 2	2	B	Res.	67	58	59	NA	59	59	56	3
AM-09	Brough Ln, Row 1 Flr. 3	2	B	Res.	67	60	61	NA	60	61	58	3
AM-10	22 Brough Ln, Row 1 Flr. 2	1	B	Res.	67	63	64	NA	64	64	55	9
AM-11	Brough Ln, Row 1 Flr. 1	2	B	Res.	67	59	60	NA	59	60	53	6

Table C-1: Predicted Noise Levels for I-64 in Hampton

CNA Site No.	Address	Recp. Unit	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		IL
										No-Barrier	With-Barrier	
AM-12	Brough Ln, Row 1 Flr. 2	2	B	Res.	67	60	61	NA	61	61	55	6
AM-13	Brough Ln, Row 1 Flr. 3	2	B	Res.	67	62	63	NA	62	63	56	6
AM-14	20 Brough Ln, Row 1 Flr. 1	1	B	Res.	67	65	66	NA	65	66	58	8
AM-15	Brough Ln, Row 1 Flr. 1	3	B	Res.	67	62	63	NA	62	63	56	6
AM-16	Brough Ln, Row 1 Flr. 2	3	B	Res.	67	64	65	NA	64	65	58	7
AM-17	Brough Ln, Row 1 Flr. 3	3	B	Res.	67	66	67	NA	66	66	59	7
AM-18	16 Brough Ln, Row 1 Flr. 2	1	B	Res.	67	67	67	NA	67	67	57	11
AM-19	Brough Ln, Row 1 Flr. 1	1	B	Res.	67	69	70	NA	69	70	57	12
AM-20	17 Brough Ln, Row 1 Flr. 2	1	B	Res.	67	65	66	NA	65	65	55	10
AM-21	15 Brough Ln, Row 1 Flr. 2	1	B	Res.	67	67	68	NA	67	67	56	11
AM-22	107 S Boxwood St, Row 1 Flr. 2	1	B	Res.	67	62	63	NA	63	63	55	8
AM-23	21 Brough Ln, Row 1 Flr. 2	1	B	Res.	67	65	66	NA	65	66	56	9
AM-24	13 Brough Ln, Row 1 Flr. 2	1	B	Res.	67	67	68	NA	68	68	57	11
AM-25	Brough Ln, Row 1 Flr. 1	1	B	Res.	67	68	69	NA	69	69	58	11
AM-26	105 S Boxwood St, Row 1 Flr. 1	1	B	Res.	67	64	65	NA	64	64	55	8
AM-27	11 Brough Ln, Row 1 Flr. 2	1	B	Res.	67	68	69	NA	68	68	57	11
AM-28	103 S Boxwood St, Row 1 Flr. 1	1	B	Res.	67	65	66	NA	66	66	55	10
AM-29	101 S Boxwood St, Row 1 Flr. 1	1	B	Res.	67	68	69	NA	68	69	57	11
AM-30	101 S Boxwood St, Row 1 Flr. 1	0	B	Res.	67	69	70	NA	69	69	57	11
AM-31	Hampton River Marina	1	C	Rec.	67	69	70	NA	69	70	58	10
AM-32	Hampton River Marina	1	C	Rec.	67	68	69	NA	68	69	58	10
AM-33	Hampton River Marina	1	C	Rec.	67	66	67	NA	66	67	58	9
AM-34	Hampton River Marina	1	C	Rec.	67	65	66	NA	65	65	57	8
AM-35	Hampton River Marina	1	C	Rec.	67	69	70	NA	69	70	57	11
AM-36	Hampton River Marina	1	C	Rec.	67	68	69	NA	68	68	57	11
AM-37	Hampton River Marina	1	C	Rec.	67	66	67	NA	66	67	57	10
AM-38	Hampton River Marina	1	C	Rec.	67	69	70	NA	69	70	57	11
AM-39	Hampton River Marina	1	C	Rec.	67	67	68	NA	68	68	57	11
AM-40	Hampton River Marina	1	C	Rec.	67	66	67	NA	66	66	57	10
AN-01	25 Magnolia Pl, Row 1 Flr. 2	1	B	Res.	67	62	62	NA	62	62	59	3
AN-02	8 Graham Heights Rd, Row 1 Flr. 1	1	B	Res.	67	68	69	NA	69	69	63	5
AN-03	10 Graham Heights Rd, Row 1 Flr. 2	1	B	Res.	67	66	66	NA	66	66	61	5
AN-04	24 Magnolia Pl, Row 1 Flr. 1	1	B	Res.	67	62	63	NA	63	63	59	4
AN-05	3 Garland St, Row 1 Flr. 1	1	B	Res.	67	68	69	NA	68	69	63	5
AN-06	7 Garland St, Row 2 Flr. 1	1	B	Res.	67	66	67	NA	66	67	61	5
AN-07	9 Garland St, Row 3 Flr. 1	2	B	Res.	67	64	65	NA	64	65	60	5
AN-08	2 Graham Heights Rd, Row 1 Flr. 1	1	B	Res.	67	68	69	NA	68	68	63	5
AN-09	6 Garland St, Row 2 Flr. 1	1	B	Res.	67	66	67	NA	66	67	61	5
AN-10	74 S Boxwood St, Row 1 Flr. 1	1	B	Res.	67	68	69	NA	68	69	63	6
AN-11	12 Garland St, Row 3 Flr. 1	3	B	Res.	67	63	64	NA	64	64	58	6
AN-12	72 S Boxwood St, Row 1 Flr. 1	1	B	Res.	67	67	68	NA	67	68	61	6
AN-13	70 S Boxwood St, Row 2 Flr. 1	2	B	Res.	67	65	66	NA	65	66	60	5
AN-14	66 S Boxwood St, Row 3 Flr. 1	2	B	Res.	67	64	65	NA	64	65	58	6

Table C-1: Predicted Noise Levels for I-64 in Hampton

CNA Site No.	Address	Recp. Unit	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
AN-15	68 S Bocwood St, Row 1, Flr 1	0	B	Res.	67	67	68	NA	67	68	60	7
AO-01	Woodlands Golf Course, 9 Woodland Rd, Row 1 Flr. 1	1	C	Rec.	67	68	69	NA	68	68	60	9
AO-02	Woodlands Golf Course, 9 Woodland Rd, Row 1 Flr. 1	1	C	Rec.	67	68	69	NA	68	68	60	9
AO-03	Woodlands Golf Course, 9 Woodland Rd, Row 1 Flr. 1	1	C	Rec.	67	66	67	NA	66	67	59	7
AO-04	Woodlands Golf Course, 9 Woodland Rd, Row 1 Flr. 1	1	C	Rec.	67	67	67	NA	67	67	59	8
AO-05	Woodlands Golf Course, 9 Woodland Rd, Row 1 Flr. 1	1	C	Rec.	67	67	68	NA	67	68	59	8
AO-06	Woodlands Golf Course, 9 Woodland Rd, Row 2 Flr. 1	1	C	Rec.	67	64	65	NA	64	65	59	6
AO-07	Woodlands Golf Course, 9 Woodland Rd, Row 2 Flr. 1	1	C	Rec.	67	65	66	NA	65	66	59	7
AO-08	Woodlands Golf Course, 9 Woodland Rd, Row 1 Flr. 1	1	C	Rec.	67	67	68	NA	67	68	59	7
AO-09	Woodlands Golf Course, 9 Woodland Rd, Row 2 Flr. 1	1	C	Rec.	67	65	66	NA	66	66	59	7
AO-10	Woodlands Golf Course, 9 Woodland Rd, Row 1 Flr. 1	1	C	Rec.	67	67	68	NA	68	68	59	7
AO-11	Woodlands Golf Course, 9 Woodland Rd, Row 2 Flr. 1	1	C	Rec.	67	65	66	NA	66	66	58	8
AO-12	Woodlands Golf Course, 9 Woodland Rd, Row 1 Flr. 1	1	C	Rec.	67	67	68	NA	67	68	60	7
AO-13	Woodlands Golf Course, 9 Woodland Rd, Row 2 Flr. 1	1	C	Rec.	67	64	65	NA	64	64	58	6
AO-14	Woodlands Golf Course, 9 Woodland Rd, Row 1 Flr. 1	1	C	Rec.	67	67	68	NA	67	68	60	6
AO-15	Woodlands Golf Course, 9 Woodland Rd, Row 1 Flr. 1	1	C	Rec.	67	66	67	NA	67	67	59	8
AO-16	Woodlands Golf Course, 9 Woodland Rd, Row 1 Flr. 1	1	C	Rec.	67	66	67	NA	67	67	59	8
AO-17	Woodlands Golf Course, 9 Woodland Rd, Row 1 Flr. 1	1	C	Rec.	67	66	67	NA	66	67	60	6
AO-18	Woodlands Golf Course, 9 Woodland Rd, Row 1 Flr. 1	1	C	Rec.	67	66	67	NA	66	67	59	8
AO-19	Woodlands Golf Course, 9 Woodland Rd, Row 2 Flr. 1	1	C	Rec.	67	65	66	NA	65	66	58	7
AO-20	Woodlands Golf Course, W County St, Row 1 Flr. 1	1	C	Rec.	67	66	67	NA	67	67	60	7
AO-21	Woodlands Golf Course, 9 Woodland Rd, Row 2 Flr. 1	1	C	Rec.	67	65	66	NA	65	66	58	7
AO-22	Woodlands Golf Course, 9 Woodland Rd, Row 1 Flr. 1	1	C	Rec.	67	65	66	NA	66	66	59	7
AO-23	Woodlands Golf Course, W County St, Row 1 Flr. 1	1	C	Rec.	67	66	67	NA	67	67	60	7
AO-24	Woodlands Golf Course, 9 Woodland Rd, Row 2 Flr. 1	1	C	Rec.	67	65	66	NA	65	66	58	8
AO-25	Woodlands Golf Course, 9 Woodland Rd, Row 1 Flr. 1	1	C	Rec.	67	65	66	NA	65	66	59	7
AO-26	Woodlands Golf Course, 9 Woodland Rd, Row 2 Flr. 1	1	C	Rec.	67	64	65	NA	64	65	59	6
AO-27	Woodlands Golf Course, W County St, Row 1 Flr. 1	1	C	Rec.	67	66	67	NA	67	67	60	9
AO-28	Woodlands Golf Course, 9 Woodland Rd, Row 2 Flr. 1	1	C	Rec.	67	64	65	NA	65	65	58	7
AO-29	Woodlands Golf Course, 9 Woodland Rd, Row 1 Flr. 1	1	C	Rec.	67	64	65	NA	65	65	59	7
AO-30	Woodlands Golf Course, 9 Woodland Rd, Row 2 Flr. 1	1	C	Rec.	67	63	64	NA	64	64	58	6
AO-31	Woodlands Golf Course, 9 Woodland Rd, Row 3 Flr. 1	1	C	Rec.	67	62	63	NA	63	63	58	6
AO-32	Woodlands Golf Course, W County St, Row 1 Flr. 1	1	C	Rec.	67	67	68	NA	68	68	60	8
AO-33	Woodlands Golf Course, 9 Woodland Rd, Row 2 Flr. 1	1	C	Rec.	67	64	64	NA	64	64	58	7
AO-34	Woodlands Golf Course, 9 Woodland Rd, Row 2 Flr. 1	1	C	Rec.	67	63	64	NA	63	64	58	6
AO-35	Woodlands Golf Course, 9 Woodland Rd, Row 1 Flr. 1	1	C	Rec.	67	64	65	NA	65	65	59	6
AO-36	Woodlands Golf Course, W County St, Row 1 Flr. 1	1	C	Rec.	67	68	69	NA	69	69	60	8
AO-37	Woodlands Golf Course, 9 Woodland Rd, Row 2 Flr. 1	1	C	Rec.	67	63	64	NA	64	64	58	6
AO-38	Woodlands Golf Course, 9 Woodland Rd, Row 2 Flr. 1	1	C	Rec.	67	63	64	NA	63	64	58	6
AO-39	Woodlands Golf Course, W County St, Row 1 Flr. 1	1	C	Rec.	67	66	66	NA	66	66	59	6
AO-40	Woodlands Golf Course, 9 Woodland Rd, Row 2 Flr. 1	1	C	Rec.	67	63	64	NA	63	64	58	6
AO-41	Woodlands Golf Course, W County St, Row 1 Flr. 1	1	C	Rec.	67	68	68	NA	68	68	60	8
AO-42	Woodlands Golf Course, W County St, Row 1 Flr. 1	1	C	Rec.	67	65	66	NA	65	66	60	6

Table C-1: Predicted Noise Levels for I-64 in Hampton

CNA Site No.	Address	Recp. Unit	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
AO-43	Woodlands Golf Course, 9 Woodland Rd, Row 2 Flr. 1	1	C	Rec.	67	62	63	NA	62	63	57	5
AO-44	Woodlands Golf Course, W County St, Row 1 Flr. 1	1	C	Rec.	67	67	68	NA	67	68	61	7
AO-45	Woodlands Golf Course, 9 Woodland Rd, Row 2 Flr. 1	1	C	Rec.	67	63	64	NA	64	64	58	6
AO-46	Woodlands Golf Course, W County St, Row 1 Flr. 1	1	C	Rec.	67	65	66	NA	65	66	60	6
AO-47	Woodlands Golf Course, 9 Woodland Rd, Row 2 Flr. 1	1	C	Rec.	67	62	63	NA	62	63	57	5
AO-48	Woodlands Golf Course, W County St, Row 1 Flr. 1	1	C	Rec.	67	67	68	NA	67	68	61	7
AO-49	Woodlands Golf Course, 9 Woodland Rd, Row 2 Flr. 1	1	C	Rec.	67	63	64	NA	63	64	59	5
AO-50	Woodlands Golf Course, W County St, Row 1 Flr. 1	1	C	Rec.	67	64	65	NA	65	65	60	5
AO-51	Woodlands Golf Course, 9 Woodland Rd, Row 2 Flr. 1	1	C	Rec.	67	62	63	NA	62	63	58	5
AO-52	Woodlands Golf Course, W County St, Row 1 Flr. 1	1	C	Rec.	67	67	68	NA	68	68	61	7
AO-53	Woodlands Golf Course, W County St, Row 2 Flr. 1	1	C	Rec.	67	63	64	NA	63	63	59	5
AO-54	Woodlands Golf Course, W County St, Row 1 Flr. 1	1	C	Rec.	67	65	66	NA	66	66	61	6
AO-55	Woodlands Golf Course, W County St, Row 2 Flr. 1	1	C	Rec.	67	63	64	NA	64	64	59	5
AO-56	Woodlands Golf Course, W County St, Row 1 Flr. 1	1	C	Rec.	67	65	66	NA	66	66	61	5
AO-57	Woodlands Golf Course, W County St, Row 2 Flr. 1	1	C	Rec.	67	63	64	NA	64	64	60	5
AO-58	Woodlands Golf Course, W County St, Row 1 Flr. 1	1	C	Rec.	67	65	66	NA	65	66	61	5
AO-59	Woodlands Golf Course, W County St, Row 2 Flr. 1	1	C	Rec.	67	63	64	NA	63	64	60	4
AO-60	Woodlands Golf Course, 140 W County St, Row 1 Flr. 1	1	C	Rec.	67	64	65	NA	64	65	61	5
AO-61	Woodlands Golf Course, 140 W County St, Row 2 Flr. 1	1	C	Rec.	67	63	64	NA	63	64	60	4
AO-62	Woodlands Golf Course, 140 W County St, Row 1 Flr. 1	1	C	Rec.	67	65	65	NA	65	65	62	4
AO-63	Woodlands Golf Course, 140 W County St, Row 1 Flr. 1	1	C	Rec.	67	63	64	NA	64	64	61	3
AO-64	Woodlands Golf Course, 140 W County St, Row 2 Flr. 1	1	C	Rec.	67	62	63	NA	63	63	60	3
AO-65	Woodlands Golf Course, 140 W County St, Row 1 Flr. 1	1	C	Rec.	67	64	65	NA	65	65	62	4
AO-66	Woodlands Golf Course, 140 W County St, Row 1 Flr. 1	1	C	Rec.	67	63	64	NA	63	64	61	3
AO-67	Woodlands Golf Course, 140 W County St, Row 1 Flr. 1	1	C	Rec.	67	63	64	NA	63	64	61	3
AO-68	Woodlands Golf Course, 130 W County St, Row 1 Flr. 1	1	C	Rec.	67	63	64	NA	64	64	61	4
AO-69	Woodlands Golf Course, 140 W County St, Row 1 Flr. 1	1	C	Rec.	67	62	63	NA	62	63	60	3
AO-70	Woodlands Golf Course, 124 W County St, Row 1 Flr. 1	1	C	Rec.	67	63	64	NA	63	64	60	4
AO-71	Woodlands Golf Course, 140 W County St, Row 1 Flr. 1	1	C	Rec.	67	61	62	NA	62	62	60	3
AO-72	Woodlands Golf Course, 9 Woodland Rd, Row 1 Flr. 1	1	C	Rec.	67	64	65	NA	65	65	59	6
AO-73	Woodlands Golf Course, 17 Woodland Rd, Row 1 Flr. 1	1	C	Rec.	67	62	63	NA	63	63	60	3
AO-74	Woodlands Golf Course, Woodland Rd, Row 2 Flr. 1	1	C	Rec.	67	60	61	NA	61	61	58	3
AO-75	Woodlands Golf Course, 17 Woodland Rd, Row 1 Flr. 1	1	C	Rec.	67	63	64	NA	65	65	58	7
AP-01	W Tyler St, Row 2 Flr. 1	6	C	Rec.	67	57	58	NA	58	58	NA	NA
AQ-01	Hampton Institute, W Tyler St, Row 1 Flr. 1	1	C	Rec.	67	62	63	NA	63	63	58	5
AQ-02	Hampton Institute, W Tyler St, Row 1 Flr. 1	1	C	Rec.	67	61	62	NA	61	62	57	5
AQ-03	Hampton Institute, W Tyler St, Row 1 Flr. 1	1	C	Rec.	67	65	66	NA	65	65	59	7
AQ-04	Hampton Institute, W Tyler St, Row 1 Flr. 1	1	C	Rec.	67	65	66	NA	65	66	57	8
AQ-05	Hampton Institute, W Tyler St, Row 1 Flr. 1	1	C	Rec.	67	66	67	NA	67	67	59	8
AQ-06	Hampton Institute, W Tyler St, Row 1 Flr. 1	1	C	Rec.	67	67	68	NA	67	67	59	8
AQ-07	Hampton Institute, W Tyler St, Row 1 Flr. 1	1	C	Rec.	67	68	69	NA	68	69	59	10
AQ-08	Hampton Institute, W Tyler St, Row 1 Flr. 1	1	C	Rec.	67	69	70	NA	69	70	59	11
AQ-09	Hampton Institute, W Tyler St, Row 1 Flr. 1	1	C	Rec.	67	70	71	NA	70	70	59	11

Table C-1: Predicted Noise Levels for I-64 in Hampton

CNA Site No.	Address	Recp. Unit	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
AQ-10	W Tyler St, Row 1 Flr. 1	0	B	Res.	67	64	65	NA	64	65	57	7
AR-01	W Tyler St, Row 1 Flr. 1	1	B	Res.	67	74	75	NA	75	75	60	15
AR-02	W Tyler St, Row 1 Flr. 1	1	B	Res.	67	73	74	NA	73	74	59	14
AR-03	W Tyler St, Row 1 Flr. 1	1	B	Res.	67	72	73	NA	72	73	60	12
AR-04	W Tyler St, Row 1 Flr. 1	1	B	Res.	67	70	71	NA	71	71	62	9
AS-01	McClellan Ave, Row 1 Flr. 1	24	C	Rec.	67	60	61	NA	61	61	NA	NA
AT-01	Hampton National Cemet, 101 W County St, Row 2 Flr. 1	1	C	Rec.	67	59	60	NA	59	60	53	6
AT-02	Hampton National Cemet, 101 W County St, Row 2 Flr. 1	1	C	Rec.	67	60	61	NA	61	61	54	7
AT-03	Hampton National Cemet, 101 W County St, Row 2 Flr. 1	1	C	Rec.	67	62	63	NA	63	64	56	8
AT-04	Hampton National Cemet*, 101 W County St, Row 4 Flr. 1	1	C	Rec.	67	63	64	NA	63	63	58	5
AT-05	Hampton National Cemet*, 101 W County St, Row 1 Flr. 1	1	C	Rec.	67	64	65	NA	65	65	57	8
AT-06	Hampton National Cemet*, 101 W County St, Row 1 Flr. 1	1	C	Rec.	67	75	76	NA	76	76	62	13
AT-07	Hampton National Cemet*, 101 W County St, Row 2 Flr. 1	1	C	Rec.	67	68	69	NA	68	68	59	8
AT-08	Hampton National Cemet*, 101 W County St, Row 2 Flr. 1	1	C	Rec.	67	60	61	NA	61	62	55	7
AT-09	Hampton National Cemet*, 101 W County St, Row 1 Flr. 1	1	C	Rec.	67	61	62	NA	62	62	55	7
AT-10	Hampton National Cemet*, 101 W County St, Row 1 Flr. 1	1	C	Rec.	67	70	70	NA	70	70	59	10
AT-11	Hampton National Cemet*, 101 W County St, Row 1 Flr. 1	1	C	Rec.	67	62	63	NA	63	63	56	7
AT-12	Hampton National Cemet*, 101 W County St, Row 1 Flr. 1	1	C	Rec.	67	67	68	NA	68	68	60	8
AT-13	Hampton National Cemet*, 101 W County St, Row 4 Flr. 1	1	C	Rec.	67	62	63	NA	63	63	57	6
AT-14	Hampton National Cemet*, 108 Carnegie St, Row 1 Flr. 1	1	C	Rec.	67	63	64	NA	64	64	56	8
AT-15	Hampton National Cemet*, 101 W County St, Row 2 Flr. 1	1	C	Rec.	67	61	62	NA	62	62	56	7
AT-16	Hampton National Cemet*, 101 W County St, Row 3 Flr. 1	1	C	Rec.	67	64	65	NA	64	65	58	6
AT-17	Hampton National Cemet*, 101 W County St, Row 3 Flr. 1	1	C	Rec.	67	64	65	NA	65	65	58	7
AT-18	Hampton National Cemet*, 101 W County St, Row 2 Flr. 1	1	C	Rec.	67	66	67	NA	66	67	59	7
AT-19	Hampton National Cemet*, 101 W County St, Row 2 Flr. 1	1	C	Rec.	67	70	71	NA	70	71	60	10
AT-20	Hampton National Cemet*, 101 W County St, Row 2 Flr. 1	1	C	Rec.	67	61	62	NA	61	62	55	7
AT-21	Hampton National Cemet*, 101 W County St, Row 2 Flr. 1	1	C	Rec.	67	67	68	NA	68	68	59	9
AT-22	Hampton National Cemet*, 101 W County St, Row 1 Flr. 1	1	C	Rec.	67	60	61	NA	60	61	54	7
AT-23	Hampton National Cemet*, 101 W County St, Row 2 Flr. 1	1	C	Rec.	67	62	63	NA	63	63	56	7
AT-24	Hampton National Cemet*, 101 W County St, Row 2 Flr. 1	1	C	Rec.	67	63	64	NA	64	64	56	7
AT-25	Hampton National Cemet*, 101 W County St, Row 3 Flr. 1	1	C	Rec.	67	64	65	NA	64	65	58	6
AT-26	Hampton National Cemet*, 101 W County St, Row 1 Flr. 1	1	C	Rec.	67	72	73	NA	72	73	60	12
AT-27	Hampton National Cemet*, 101 W County St, Row 4 Flr. 1	1	C	Rec.	67	61	62	NA	62	62	58	4
AT-28	Hampton National Cemet*, 108 Carnegie St, Row 1 Flr. 1	1	C	Rec.	67	62	63	NA	62	63	55	7
AT-29	Hampton National Cemet*, 101 W County St, Row 2 Flr. 1	1	C	Rec.	67	65	66	NA	66	66	59	7
AT-30	Hampton National Cemet*, 101 W County St, Row 1 Flr. 1	1	C	Rec.	67	72	73	NA	72	73	60	11
AT-31	Hampton National Cemet*, 101 W County St, Row 3 Flr. 1	1	C	Rec.	67	62	63	NA	63	63	57	6
AT-32	Hampton National Cemet*, 101 W County St, Row 2 Flr. 1	1	C	Rec.	67	63	64	NA	63	64	59	4
AT-33	Hampton National Cemet*, 101 W County St, Row 1 Flr. 1	1	C	Rec.	67	61	62	NA	61	62	55	7
AT-34	Hampton National Cemet*, 101 W County St, Row 1 Flr. 1	1	C	Rec.	67	69	70	NA	70	70	60	10
AT-35	Hampton National Cemet*, 101 W County St, Row 3 Flr. 1	1	C	Rec.	67	66	67	NA	66	67	58	8
AT-36	Hampton National Cemet*, 101 W County St, Row 1 Flr. 1	1	C	Rec.	67	60	61	NA	61	61	54	7
AT-37	Hampton National Cemet*, 101 W County St, Row 3 Flr. 1	1	C	Rec.	67	62	63	NA	63	63	59	4

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						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
AT-38	Hampton National Cemet*, 101 W County St, Row 2 Flr. 1	1	C	Rec.	67	65	66	NA	66	66	58	8
AT-39	Hampton National Cemet*, 101 W County St, Row 1 Flr. 1	1	C	Rec.	67	67	68	NA	67	68	58	9
AU-01	112 Cameron St, Row 1 Flr. 2	2	B	Res.	67	65	66	NA	66	67	59	8
AU-02	112 Cameron St, Row 1 Flr. 2	2	B	Res.	67	63	64	NA	64	65	58	7
AU-03	112 Cameron St, Row 2 Flr. 2	4	B	Res.	67	62	63	NA	63	64	57	7
AU-04	112 Cameron St, Row 1 Flr. 2	2	B	Res.	67	62	62	NA	63	63	57	6
AU-05	112 Cameron St, Row 1 Flr. 2	2	B	Res.	67	61	62	NA	62	62	57	5
AU-06	112 Cameron St, Row 2 Flr. 2	4	B	Res.	67	60	61	NA	61	61	56	5
AU-07	112 Cameron St, Row 2 Flr. 2	2	B	Res.	67	59	60	NA	59	60	55	5
AU-08	112 Cameron St, Row 1 Flr. 2	2	B	Res.	67	59	60	NA	60	60	56	4
AU-09	112 Cameron St, Row 1 Flr. 2	2	B	Res.	67	57	58	NA	58	58	56	3
AU-10	112 Cameron St, Row 2 Flr. 2	2	B	Res.	67	58	59	NA	59	59	54	5
AU-11	112 Cameron St, Row 1 Flr. 2	2	B	Res.	67	57	58	NA	57	58	56	3
AU-12	112 Cameron St, Row 2 Flr. 2	2	B	Res.	67	56	57	NA	57	57	54	3
AU-13	112 Cameron St, Row 1 Flr. 1	0	B	Res.	67	65	66	NA	66	66	58	8
AV-01	236 S Mallory St, Row 2 Flr. 1	8	E	Com.	72	62	63	NA	62	63	NA	NA
AW-01	3 Home Pl, Row 1 Flr. 2	1	B	Res.	67	61	62	NA	61	62	62	0
AW-02	Home Pl, Row 1 Flr. 1	1	B	Res.	67	61	61	NA	61	62	62	0
AW-03	9 Home Pl, Row 1 Flr. 2	1	B	Res.	67	60	61	NA	61	62	62	0
AW-04	6 Segar St, Row 2 Flr. 1	1	B	Res.	67	60	61	NA	60	61	61	0
AW-05	16 Segar St, Row 2 Flr. 2	1	B	Res.	67	58	59	NA	59	59	59	0
AW-06	22 Segar St, Row 1 Flr. 1	1	B	Res.	67	60	61	NA	61	62	62	0
AW-07	408 S Hope St, Row 1 Flr. 1	1	B	Res.	67	61	62	NA	62	62	62	0
AW-08	406 S Hope St, Row 1 Flr. 1	1	B	Res.	67	59	60	NA	60	61	61	0
AW-09	404 S Hope St, Row 1 Flr. 2	1	B	Res.	67	59	59	NA	59	60	60	0
AW-10	248 Bickford St, Row 3 Flr. 1	1	B	Res.	67	60	61	NA	60	61	60	0
AW-11	413 S Hope St, Row 1 Flr. 2	1	B	Res.	67	62	63	NA	63	63	63	0
AW-12	23 Segar St, Row 2 Flr. 1	1	B	Res.	67	57	58	NA	57	58	58	0
AW-13	112 Segar St, Row 1 Flr. 2	1	B	Res.	67	61	62	NA	62	62	62	0
AW-14	322 S Hope St, Row 2 Flr. 2	1	B	Res.	67	57	58	NA	58	58	58	0
AW-15	114 Segar St, Row 1 Flr. 1	1	B	Res.	67	61	62	NA	62	62	62	0
AW-16	318 S Hope St, Row 3 Flr. 1	1	B	Res.	67	57	57	NA	57	58	57	0
AW-17	323 S Hope St, Row 2 Flr. 2	1	B	Res.	67	58	59	NA	59	59	59	0
AW-18	116 Segar St, Row 1 Flr. 1	1	B	Res.	67	61	62	NA	62	62	62	0
AW-19	118 Segar St, Row 1 Flr. 1	1	B	Res.	67	61	62	NA	62	63	62	0
AW-20	321 S Hope St, Row 2 Flr. 2	1	B	Res.	67	55	55	NA	55	56	55	1
AW-21	111 Segar St, Row 2 Flr. 2	1	B	Res.	67	58	59	NA	59	59	58	1
AW-22	406 S Curry St, Row 1 Flr. 2	1	B	Res.	67	61	62	NA	62	62	62	0
AW-23	113 Segar St, Row 2 Flr. 2	1	B	Res.	67	58	59	NA	59	59	58	1
AW-24	404 S Curry St, Row 1 Flr. 1	1	B	Res.	67	60	61	NA	61	62	61	1
AW-25	119 Segar St, Row 2 Flr. 1	4	B	Res.	67	58	59	NA	59	59	58	1
AW-26	207 National Ave, Row 1 Flr. 1	1	B	Res.	67	60	61	NA	61	62	61	1
AW-27	401 S Curry St, Row 1 Flr. 2	1	B	Res.	67	59	60	NA	60	61	60	1

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						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
AW-28	328 S Curry St, Row 2 Flr. 1	2	B	Res.	67	58	59	NA	59	60	58	2
AW-29	206 Segar St, Row 1 Flr. 1	1	B	Res.	67	59	59	NA	59	60	59	1
AW-30	322 S Curry St, Row 3 Flr. 1	1	B	Res.	67	54	55	NA	55	55	54	1
AW-31	320 S Curry St, Row 3 Flr. 1	1	B	Res.	67	54	55	NA	55	55	54	1
AW-32	211 National Ave, Row 1 Flr. 2	1	B	Res.	67	61	62	NA	62	62	59	3
AW-33	325 S Curry St, Row 2 Flr. 2	2	B	Res.	67	59	59	NA	59	60	57	3
AW-34	215 National Ave, Row 1 Flr. 2	1	B	Res.	67	60	61	NA	61	62	58	4
AW-35	321 S Curry St, Row 3 Flr. 2	3	B	Res.	67	54	55	NA	55	55	54	1
AW-36	211 Segar St, Row 2 Flr. 2	1	B	Res.	67	59	60	NA	60	60	56	4
AW-37	220 Segar St, Row 1 Flr. 3	1	B	Res.	67	61	62	NA	62	62	57	5
AW-38	217 Segar St, Row 2 Flr. 2	3	B	Res.	67	58	59	NA	59	60	56	4
AW-39	313 S Curry St, Row 3 Flr. 2	1	B	Res.	67	58	59	NA	59	60	55	5
AW-40	326 S Willard Ave, Row 2 Flr. 2	1	B	Res.	67	59	60	NA	60	61	56	5
AW-41	322 S Willard Ave, Row 2 Flr. 1	1	B	Res.	67	56	56	NA	57	57	54	3
AW-42	320 S Willard Ave, Row 3 Flr. 2	1	B	Res.	67	55	55	NA	56	56	52	4
AW-43	325 S Willard Ave, Row 1 Flr. 1	1	B	Res.	67	67	68	NA	68	68	58	10
AW-44	323 S Willard Ave, Row 1 Flr. 2	1	B	Res.	67	65	66	NA	66	66	59	7
AW-45	321 S Willard Ave, Row 2 Flr. 2	1	B	Res.	67	61	62	NA	62	63	59	4
AW-46	9 Home Pl, Row 1 Flr. 1	0	B	Res.	67	61	62	NA	62	62	62	0
AW-47	325 S Willard Ave, Row 1 Flr. 1	0	B	Res.	67	66	67	NA	67	67	60	7
AW-48	316 S Hope St, Row 3 Flr. 1	2	B	Res.	67	56	57	NA	57	57	57	0
AW-49	310 S Hope St, Row 4 Flr. 1	4	B	Res.	67	55	56	NA	56	56	56	0
AW-50	22 Downes St, Row 5 Flr. 1	2	B	Res.	67	55	55	NA	55	56	55	0
AW-51	306 S Hope St, Row 5 Flr. 1	2	B	Res.	67	54	55	NA	55	55	55	0
AW-52	225 S Mallory St, Row 2 Flr. 1	1	B	Res.	67	61	61	NA	60	61	61	0
AW-53	228 S Hope St, Row 6 Flr. 1	3	B	Res.	67	55	55	NA	55	56	55	0
AW-54	313 S Hope St, Row 3 Flr. 1	1	B	Res.	67	54	55	NA	55	56	54	1
AW-55	311 S Hope St, Row 4 Flr. 1	2	B	Res.	67	54	55	NA	54	55	53	1
AW-56	102 Downes St, Row 5 Flr. 1	2	B	Res.	67	53	54	NA	54	54	53	1
AW-57	314 S Curry St, Row 3 Flr. 1	2	B	Res.	67	54	55	NA	55	55	53	2
AW-58	114 Downes St, Row 5 Flr. 1	3	B	Res.	67	54	54	NA	54	55	53	2
AW-59	120 Downes St, Row 4 Flr. 1	3	B	Res.	67	53	54	NA	54	54	53	1
AW-60	101 Downes St, Row 4 Flr. 1	1	B	Res.	67	53	54	NA	54	54	54	0
AW-61	107 Downes St, Row 4 Flr. 1	3	B	Res.	67	52	53	NA	53	53	53	1
AW-62	115 Downes St, Row 4 Flr. 1	3	B	Res.	67	52	53	NA	53	53	52	1
AW-63	219 S Hope St, Row 5 Flr. 1	3	B	Res.	67	53	54	NA	54	54	54	1
AW-64	213 S Hope St, Row 5 Flr. 1	3	B	Res.	67	53	54	NA	54	54	53	1
AW-65	121 Downes St, Row 4 Flr. 1	2	B	Res.	67	53	54	NA	54	55	52	3
AW-66	218 S Hope St, Row 5 Flr. 1	2	B	Res.	67	53	54	NA	54	54	54	1
AW-67	212 S Hope St, Row 5 Flr. 1	3	B	Res.	67	53	54	NA	54	54	54	1
AW-68	8 Williams St, Row 6 Flr. 1	1	B	Res.	67	58	58	NA	57	58	58	0
AX-01	Old Point Comfort, 100 Mcnair Dr, Row 1 Flr. 1	1	C	Rec.	67	58	59	NA	59	59	NA	NA
AX-02	Fort Monroe, 1006 Mcnair Dr, Row 1 Flr. 1	1	C	Rec.	67	55	56	NA	56	57	NA	NA

Table C-1: Predicted Noise Levels for I-64 in Hampton

CNA Site No.	Address	Recp. Unit	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
AX-03	Fort Monroe, Mcnair Dr, Row 1 Flr. 1	1	C	Rec.	67	57	58	NA	58	58	NA	NA
AY-01	Fort Wool, Fort Wool, Row 1 Flr. 1	1	C	Rec.	67	56	57	NA	57	57	NA	NA
AY-02	Fort Wool, Fort Wool, Row 1 Flr. 1	1	C	Rec.	67	56	57	NA	57	57	NA	NA

* Cat. Refers to FHWA Activity Category. Res.= Residential, Rec.= Recreational, Mon.= Noise Monitoring Site, Com.= Commercial, Int.=Interior Institutional

** Red numbers indicate noise impact due to NAC or Substantial Increase in existing noise levels. Some subtractions may appear to be incorrect due to rounding of decibels. NA or 0 indicates receptors not behind barriers, or set back and not impacted where benefits were not determined.

Source: HMMH, 2016

Table C-2 Predicted Noise Levels for I-64 in Norfolk

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative B		
									No-Barrier	With-Barrier	IL
AZ-1	1525 Bayville Street, Row 1 Flr. 1	1	C	Rec.	67	65	66	67	65	64	1
AZ-2	1525 Bayville Street, Row 1 Flr. 1	1	C	Rec.	67	66	67	69	67	66	1
AZ-3	1525 Bayville Street, Row 1 Flr. 1	1	C	Rec.	67	65	66	67	65	65	1
AZ-4	1525 Bayville Street, Row 1 Flr. 1	1	C	Rec.	67	66	67	69	67	66	1
AZ-5	1525 Bayville Street, Row 1 Flr. 1	1	C	Rec.	67	65	66	68	66	64	2
AZ-6	1525 Bayville Street, Row 1 Flr. 1	1	C	Rec.	67	66	67	68	67	65	2
AZ-7	1525 Bayville Street, Row 1 Flr. 1	1	C	Rec.	67	66	67	68	66	64	2
AZ-8	1525 Bayville Street, Row 1 Flr. 1	1	C	Rec.	67	65	66	67	66	63	3
AZ-9	1525 Bayville Street, Row 1 Flr. 1	1	C	Rec.	67	63	65	65	65	62	3
AZ-10	1525 Bayville Street, Row 1 Flr. 1	1	C	Rec.	67	65	66	67	66	62	4
AZ-11	1525 Bayville Street, Row 1 Flr. 1	1	C	Rec.	67	64	65	65	65	61	4
AZ-12	1525 Bayville Street, Row 1 Flr. 1	1	C	Rec.	67	65	67	67	67	60	6
AZ-13	1525 Bayville Street, Row 1 Flr. 1	1	C	Rec.	67	64	65	65	65	60	5
AZ-14	1525 Bayville Street, Row 1 Flr. 1	1	C	Rec.	67	66	67	67	67	59	8
AZ-15	1525 Bayville Street, Row 1 Flr. 1	1	C	Rec.	67	64	65	65	65	59	7
AZ-16	1525 Bayville Street, Row 1 Flr. 1	1	C	Rec.	67	67	68	68	68	58	10
AZ-17	1525 Bayville Street, Row 1 Flr. 1	1	C	Rec.	67	64	66	65	66	58	8
AZ-18	1525 Bayville Street, Row 1 Flr. 1	1	C	Rec.	67	68	69	68	69	57	12
AZ-19	1525 Bayville Street, Row 1 Flr. 1	1	C	Rec.	67	65	66	66	66	57	10
AZ-20	1525 Bayville Street, Row 2 Flr. 1	1	C	Rec.	67	63	64	66	64	63	1
AZ-21	1525 Bayville Street, Row 2 Flr. 1	1	C	Rec.	67	62	63	64	64	62	1
AZ-22	1525 Bayville Street, Row 2 Flr. 1	1	C	Rec.	67	64	65	66	64	63	1
AZ-23	1525 Bayville Street, Row 2 Flr. 1	1	C	Rec.	67	62	63	64	64	62	1
AZ-24	1525 Bayville Street, Row 2 Flr. 1	1	C	Rec.	67	64	65	66	65	63	2
AZ-25	1525 Bayville Street, Row 2 Flr. 1	1	C	Rec.	67	63	64	65	64	62	2
AZ-26	1525 Bayville Street, Row 2 Flr. 1	1	C	Rec.	67	64	65	66	65	63	2
AZ-27	1525 Bayville Street, Row 2 Flr. 1	1	C	Rec.	67	63	64	65	64	62	2
AZ-28	1525 Bayville Street, Row 2 Flr. 1	1	C	Rec.	67	62	63	63	64	61	2
AZ-29	1525 Bayville Street, Row 2 Flr. 1	1	C	Rec.	67	61	62	62	63	60	2
AZ-30	1525 Bayville Street, Row 2 Flr. 1	1	C	Rec.	67	62	64	63	64	61	3
AZ-31	1525 Bayville Street, Row 2 Flr. 1	1	C	Rec.	67	61	62	62	63	60	3
AZ-32	1525 Bayville Street, Row 2 Flr. 1	1	C	Rec.	67	62	64	64	64	60	4
AZ-33	1525 Bayville Street, Row 2 Flr. 1	1	C	Rec.	67	61	63	63	63	59	3
AZ-34	1525 Bayville Street, Row 2 Flr. 1	1	C	Rec.	67	62	64	64	64	59	5
AZ-35	1525 Bayville Street, Row 2 Flr. 1	1	C	Rec.	67	61	63	63	63	59	4
AZ-36	1525 Bayville Street, Row 2 Flr. 1	1	C	Rec.	67	63	64	64	64	58	6
AZ-37	1525 Bayville Street, Row 2 Flr. 1	1	C	Rec.	67	61	63	63	63	58	5

Table C-2 Predicted Noise Levels for I-64 in Norfolk

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative B		
									No-Barrier	With-Barrier	IL
AZ-38	1525 Bayville Street, Row 2 Flr. 1	1	C	Rec.	67	63	64	64	64	57	7
AZ-39	1525 Bayville Street, Row 2 Flr. 1	1	C	Rec.	67	61	63	63	63	57	6
AZ-40	1525 Bayville Street, Row 3 Flr. 1	1	C	Rec.	67	62	63	63	63	61	2
AZ-41	1525 Bayville Street, Row 3 Flr. 1	1	C	Rec.	67	61	62	62	62	61	2
AZ-42	1525 Bayville Street, Row 3 Flr. 1	1	C	Rec.	67	62	63	63	63	61	2
AZ-43	1525 Bayville Street, Row 3 Flr. 1	1	C	Rec.	67	61	62	62	62	60	2
AZ-44	1525 Bayville Street, Row 3 Flr. 1	1	C	Rec.	67	60	61	61	62	60	2
AZ-45	1525 Bayville Street, Row 3 Flr. 1	1	C	Rec.	67	60	61	61	62	59	2
AZ-46	1525 Bayville Street, Row 3 Flr. 1	1	C	Rec.	67	59	61	60	61	59	2
AZ-47	1525 Bayville Street, Row 3 Flr. 1	1	C	Rec.	67	60	62	61	62	59	3
AZ-48	1525 Bayville Street, Row 3 Flr. 1	1	C	Rec.	67	59	61	61	61	58	3
AZ-49	1525 Bayville Street, Row 3 Flr. 1	1	C	Rec.	67	60	62	62	62	59	3
AZ-50	1525 Bayville Street, Row 3 Flr. 1	1	C	Rec.	67	59	61	61	61	58	3
AZ-51	1525 Bayville Street, Row 3 Flr. 1	1	C	Rec.	67	60	62	62	62	58	4
AZ-52	1525 Bayville Street, Row 3 Flr. 1	1	C	Rec.	67	59	61	61	61	58	3
AZ-53	1525 Bayville Street, Row 3 Flr. 1	1	C	Rec.	67	60	62	62	62	58	5
AZ-54	1525 Bayville Street, Row 3 Flr. 1	1	C	Rec.	67	60	61	61	61	57	4
AZ-55	1525 Bayville Street, Row 4 Flr. 1	1	C	Rec.	67	60	61	61	61	60	2
AZ-56	1525 Bayville Street, Row 4 Flr. 1	1	C	Rec.	67	60	61	61	62	60	2
AZ-57	1525 Bayville Street, Row 4 Flr. 1	1	C	Rec.	67	59	60	60	60	58	2
AZ-58	1525 Bayville Street, Row 4 Flr. 1	1	C	Rec.	67	58	59	59	59	57	2
AZ-59	1525 Bayville Street, Row 4 Flr. 1	1	C	Rec.	67	59	60	60	60	58	3
AZ-60	1525 Bayville Street, Row 4 Flr. 1	1	C	Rec.	67	58	59	59	60	57	2
AZ-61	1525 Bayville Street, Row 4 Flr. 1	1	C	Rec.	67	59	60	60	60	57	3
AZ-62	1525 Bayville Street, Row 4 Flr. 1	1	C	Rec.	67	58	59	59	60	57	3
AZ-63	1525 Bayville Street, Row 4 Flr. 1	1	C	Rec.	67	59	60	60	60	57	3
AZ-64	1525 Bayville Street, Row 4 Flr. 1	1	C	Rec.	67	58	60	59	60	57	3
BA-1	1501 Bayville St, Row 1 Flr. 1	1	B	Res.	67	71	73	72	73	58	15
BA-2	1459 Bayville St, Row 1 Flr. 1	1	B	Res.	67	71	72	71	72	57	14
BA-3	1455 Bayville St, Row 1 Flr. 1	1	B	Res.	67	69	71	69	69	57	13
BA-4	1449 Bayville St, Row 1 Flr. 1	1	B	Res.	67	69	71	69	70	57	13
BA-5	1445 Bayville St, Row 1 Flr. 1	1	B	Res.	67	71	73	71	71	57	14
BA-6	1441 Bayville St, Row 1 Flr. 1	2	B	Res.	67	72	74	72	72	58	15
BA-7	1439 Bayville St, Row 1 Flr. 1	1	B	Res.	67	73	74	73	74	58	16
BA-8	1435 Bayville St, Row 1 Flr. 1	1	B	Res.	67	72	74	73	73	58	16
BA-9	1416 Bayville Ct, Row 1 Flr. 1	1	B	Res.	67	71	72	72	72	57	16
BA-10	1407 Bayville St, Row 1 Flr. 1	5	B	Res.	67	70	72	72	72	57	15

Table C-2 Predicted Noise Levels for I-64 in Norfolk

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative B		
									No-Barrier	With-Barrier	IL
BA-11	9629 14th View St, Row 1 Flr. 1	1	B	Res.	67	69	71	71	72	57	15
BA-12	1403 Bayville Ct, Row 1 Flr. 1	1	B	Res.	67	64	66	66	66	56	10
BA-13	1403 Bayville Ct, Row 1 Flr. 1	3	B	Res.	67	68	69	69	70	56	14
BA-14	1353 Bayville Court, Row 1 Flr. 1	0	B	Res.	67	66	67	67	68	56	12
BA-15	1349 Bayville St, Row 1 Flr. 1	3	B	Res.	67	69	70	70	71	57	14
BA-16	1349 Bayville St, Row 1 Flr. 2	3	B	Res.	67	70	72	72	72	58	14
BA-17	1349 Bayville St, Row 1 Flr. 3	3	B	Res.	67	70	72	72	72	58	14
BA-18	1349 Bayville St, Row 1 Flr. 1	2	B	Res.	67	68	70	70	70	57	14
BA-19	1349 Bayville St, Row 1 Flr. 2	2	B	Res.	67	70	71	71	72	59	13
BA-20	1349 Bayville St, Row 1 Flr. 3	2	B	Res.	67	70	72	72	72	59	13
BA-21	1347 Bayville Ct, Row 1 Flr. 1	1	B	Res.	67	66	68	68	68	57	11
BA-22	1345 Bayville Ct, Row 1 Flr. 1	2	B	Res.	67	66	68	68	68	58	11
BA-23	1343 Bayville St, Row 1 Flr. 1	1	B	Res.	67	66	68	68	69	58	11
BA-24	1337 Bayville St, Row 1 Flr. 1	1	B	Res.	67	66	68	68	68	58	10
BA-25	1333 Bayville St, Row 1 Flr. 1	1	B	Res.	67	64	66	67	67	59	8
BA-26	1331 Bayville St, Row 1 Flr. 1	1	B	Res.	67	67	68	69	69	60	9
BA-27	1325 Bayville St, Row 1 Flr. 1	1	B	Res.	67	66	68	68	69	60	9
BA-28	1321 Bayville St, Row 1 Flr. 1	1	B	Res.	67	65	67	67	67	61	7
BA-29	1311 Bayville St, Row 1 Flr. 1	1	C	Rec.	67	66	68	68	68	62	7
BA-30	9630 13th View St, Row 1 Flr. 1	1	B	Res.	67	68	69	68	68	61	7
BA-31	1405 Bayville Ct, Row 2 Flr. 1	1	B	Res.	67	60	62	62	62	56	6
BA-32	1407 Bayville Ct, Row 2 Flr. 1	1	B	Res.	67	63	65	65	65	55	10
BA-33	1405 Bayville Ct, Row 2 Flr. 1	1	B	Res.	67	63	65	65	66	55	11
BA-34	1403 Bayville Ct, Row 1 Flr. 2	1	B	Res.	67	66	68	68	68	57	11
BA-35	1403 Bayville Ct, Row 1 Flr. 3	1	B	Res.	67	68	69	70	70	58	12
BA-36	1349 Bayville St, Row 2 Flr. 1	12	B	Res.	67	62	64	63	64	58	6
BA-37	1341 Bayville St, Row 2 Flr. 1	1	B	Res.	67	62	64	64	64	58	6
BA-38	1339 Bayville St, Row 2 Flr. 1	1	B	Res.	67	63	64	65	65	58	7
BA-39	1335 Bayville St, Row 2 Flr. 1	1	B	Res.	67	63	65	66	66	59	7
BB-1	Willoughby Bay, Row 3 Flr. 1	1	C	Rec.	67	66	67	67	68	58	9
BB-2	1562 Chela Ave, Row 1 Flr. 1	1	C	Rec.	67	71	71	70	71	57	13
BB-3	Willoughby Bay, Row 1 Flr. 1	1	C	Rec.	67	68	69	68	70	57	12
BB-4	Willoughby Bay, Row 2 Flr. 1	1	C	Rec.	67	67	68	68	69	57	11
BB-5	Willoughby Bay, Row 2 Flr. 1	1	C	Rec.	67	66	67	67	68	57	10
BB-6	Willoughby Bay, Row 2 Flr. 1	1	C	Rec.	67	66	67	67	68	57	11
BB-7	Willoughby Bay, Row 3 Flr. 1	1	C	Rec.	67	66	67	66	67	57	9
BB-8	Willoughby Bay, Row 3 Flr. 1	1	C	Rec.	67	66	67	65	66	57	9

Table C-2 Predicted Noise Levels for I-64 in Norfolk

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative B		
									No-Barrier	With-Barrier	IL
BC-1	1560 Chela Ave, Row 1 Flr. 1	4	B	Res.	67	67	68	67	68	56	11
BC-2	1564 Chela Av, Row 1 Flr. 1	4	B	Res.	67	67	68	68	68	57	10
BC-3	1560 Chela Ave, Row 1 Flr. 1	0	B	Res.	67	69	70	68	69	57	11
BC-4	1549 Chela Av, Row 1 Flr. 1	1	B	Res.	67	70	71	71	72	58	14
BC-5	1547 Chela Av, Row 1 Flr. 1	1	B	Res.	67	70	71	70	72	57	14
BC-6	1545 Chela Av, Row 1 Flr. 1	2	B	Res.	67	69	70	70	71	57	14
BC-7	1541 Chela Av, Row 1 Flr. 1	1	B	Res.	67	69	70	70	71	57	14
BC-8	1525 Chela Av, Row 1 Flr. 1	2	B	Res.	67	68	70	69	71	58	13
BC-9	1522 W Ocean View Av, Row 1 Flr. 1	1	B	Res.	67	70	71	71	72	59	14
BC-10	1518 W Ocean View Av, Row 1 Flr. 1	1	B	Res.	67	70	71	71	72	58	13
BC-11	1514 W Ocean View Av, Row 1 Flr. 1	4	B	Res.	67	68	70	69	70	59	11
BC-12	1508 W Ocean View Av, Row 1 Flr. 1	4	B	Res.	67	68	69	69	70	61	9
BC-13	1504 W Ocean View Av, Row 1 Flr. 1	2	B	Res.	67	67	68	68	69	62	7
BC-14	1500 W Ocean View Av, Row 1 Flr. 1	3	B	Res.	67	66	68	67	68	63	6
BC-15	1560 Chela Av, Row 2 Flr. 1	1	B	Res.	67	70	71	68	69	57	12
BC-16	1552 Chela Av, Row 2 Flr. 1	2	B	Res.	67	65	66	65	66	55	10
BC-17	1540 Chela Av A1, Row 2 Flr. 1	5	B	Res.	67	63	65	64	65	55	9
BC-18	1530 Chela Av, Row 2 Flr. 1	1	B	Res.	67	63	64	63	64	56	8
BC-19	1526 Chela Av, Row 2 Flr. 1	1	B	Res.	67	63	64	63	64	56	8
BC-20	1518 Chela Av A1, Row 2 Flr. 1	12	B	Res.	67	63	64	63	64	57	7
BC-21	1518 Chela Av A1, Row 2 Flr. 2	12	B	Res.	67	68	69	69	69	61	9
BC-22	1518 Chela Av A1, Row 2 Flr. 3	12	B	Res.	67	68	70	69	70	61	9
BC-23	N S Chela Av, Row 2 Flr. 1	6	B	Res.	67	62	63	63	64	58	6
BC-24	1500 Chela Av, Row 2 Flr. 1	1	B	Res.	67	62	63	63	63	59	4
BC-25	1561 Lea View Av, Row 3 Flr. 1	2	B	Res.	67	66	67	66	66	53	12
BC-26	1551 Lea View Av, Row 3 Flr. 1	2	B	Res.	67	64	65	64	64	53	10
BC-27	1541 Lea View Av, Row 3 Flr. 1	5	B	Res.	67	62	63	62	62	53	8
BC-28	1527 Lea View Av, Row 3 Flr. 1	1	B	Res.	67	61	62	61	61	53	7
BC-29	1521 Lea View Av, Row 3 Flr. 1	7	B	Res.	67	60	61	60	61	53	7
BC-30	1507 Lea View Av, Row 3 Flr. 1	2	B	Res.	67	59	60	59	60	54	5
BC-31	1560 Lea View Av, Row 4 Flr. 1	3	B	Res.	67	63	64	62	63	56	7
BC-32	1542 Lea View Av, Row 4 Flr. 1	1	B	Res.	67	63	64	63	64	56	7
BD-1	9700-9718 15th View St, Row 1 Flr. 1	5	B	Res.	67	63	64	64	65	63	2
BD-2	1452 W Ocean View Av, Row 1 Flr. 1	5	B	Res.	67	64	66	65	66	63	3
BD-3	1451 W Ocean View Av, Row 1 Flr. 1	2	B	Res.	67	69	71	70	71	60	10
BD-4	1447 W Ocean View Av, Row 1 Flr. 1	4	B	Res.	67	68	70	70	70	60	10
BD-5	1443 W Ocean View Av, Row 1 Flr. 1	4	B	Res.	67	68	69	69	70	60	10

Table C-2 Predicted Noise Levels for I-64 in Norfolk

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative B		
									No-Barrier	With-Barrier	IL
BD-6	1439 W Ocean View Av, Row 1 Flr. 1	4	B	Res.	67	66	68	68	68	60	8
BD-7	9663 Rallston St, Row 1 Flr. 1	11	B	Res.	67	70	72	72	72	63	14
BD-8	9663 Rallston St, Row 1 Flr. 2	11	B	Res.	67	75	77	77	77	63	14
BD-9	9663 Rallston St, Row 1 Flr. 3	11	B	Res.	67	75	76	76	77	63	14
BD-10	1427 W Ocean View Av, Row 1 Flr. 1	4	B	Res.	67	68	70	70	70	60	10
BD-11	1423 W Ocean View Av, Row 1 Flr. 1	4	B	Res.	67	68	70	69	70	59	10
BD-12	1411 W Ocean View Av, Row 1 Flr. 1	14	B	Res.	67	69	70	70	71	60	11
BD-13	1407 W Ocean View Av A, Row 1 Flr. 1	5	B	Res.	67	66	68	68	69	59	9
BD-14	9655 14th View St, Row 1 Flr. 1	1	B	Res.	67	67	68	68	69	60	9
BD-15	9659 14th View St, Row 1 Flr. 1	1	B	Res.	67	66	68	68	68	59	9
BD-16	1410 Little Bay Av, Row 1 Flr. 1	2	B	Res.	67	69	71	71	72	60	12
BD-17	Inter Of 14th View And Little Bay Ave, Row 1 Flr. 1	0	B	Res.	67	68	70	70	70	61	10
BD-18	1352 Little Bay Av, Row 1 Flr. 1	4	B	Res.	67	68	70	70	70	61	9
BD-19	1346 Little Bay Av, Row 1 Flr. 1	4	B	Res.	67	67	69	69	70	61	9
BD-20	1342 Little Bay Av A, Row 1 Flr. 1	1	B	Res.	67	65	67	67	68	59	9
BD-21	1342 Little Bay Av A, Row 1 Flr. 2	1	B	Res.	67	70	72	72	72	61	12
BD-22	1336 Little Bay Av, Row 1 Flr. 1	4	B	Res.	67	66	68	68	69	60	9
BD-23	1330 Little Bay Av, Row 1 Flr. 1	1	B	Res.	67	66	68	68	68	59	9
BD-24	1324 Little Bay Av, Row 1 Flr. 1	4	B	Res.	67	65	67	67	67	58	9
BD-25	1315 Little Bay Av, Row 1 Flr. 1	12	B	Res.	67	66	69	69	69	59	10
BD-26	1305 Little Bay Av, Row 1 Flr. 1	2	B	Res.	67	67	69	69	70	58	11
BD-27	1301 Little Bay Av, Row 1 Flr. 1	2	B	Res.	67	67	69	70	70	58	12
BD-28	1442 W Ocean View Av, Row 2 Flr. 1	3	B	Res.	67	62	64	64	64	60	4
BD-29	1432 W Ocean View Av, Row 2 Flr. 1	1	B	Res.	67	62	63	63	64	59	4
BD-30	1426 W Ocean View Av, Row 2 Flr. 1	12	B	Res.	67	60	62	62	63	58	5
BD-31	1426 W Ocean View Av, Row 2 Flr. 2	12	B	Res.	67	66	68	68	68	61	8
BD-32	1420 W Ocean View Av, Row 2 Flr. 1	2	B	Res.	67	60	62	62	63	57	5
BD-33	1406 W Ocean View Av, Row 2 Flr. 1	2	B	Res.	67	60	62	62	62	57	6
BD-34	1401 W Ocean View Av, Row 2 Flr. 1	1	B	Res.	67	63	65	65	65	58	8
BD-35	9654 14th View St, Row 2 Flr. 1	1	B	Res.	67	67	68	68	69	58	10
BD-36	1381 W Ocean View Av, Row 2 Flr. 1	6	B	Res.	67	61	63	63	63	55	8
BD-37	1371 W Ocean View Av, Row 2 Flr. 1	6	B	Res.	67	60	62	62	63	56	7
BD-38	9657 Richview St, Row 2 Flr. 1	1	B	Res.	67	60	62	62	62	55	7
BD-39	9656 Richview St, Row 2 Flr. 1	5	B	Res.	67	59	61	61	61	55	7
BD-40	1318 Little Bay Av, Row 2 Flr. 1	12	B	Res.	67	63	65	65	65	57	9
BD-41	1306 Little Bay Av, Row 2 Flr. 1	2	B	Res.	67	62	64	64	65	56	8
BD-42	1416 W Ocean View Av, Row 3 Flr. 1	2	B	Res.	67	58	60	59	60	57	4

Table C-2 Predicted Noise Levels for I-64 in Norfolk

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative B		
									No-Barrier	With-Barrier	IL
BD-43	1412 A W Ocean View Av, Row 3 Flr. 1	1	B	Res.	67	58	59	59	60	56	4
BD-44	1384 W Ocean View Av, Row 3 Flr. 1	1	B	Res.	67	59	61	61	61	56	5
BD-45	1372 W Ocean View Av, Row 3 Flr. 1	6	B	Res.	67	59	60	60	61	55	6
BD-46	1372 W Ocean View Av, Row 3 Flr. 2	6	B	Res.	67	63	65	65	65	57	8
BD-47	1353 W Ocean View Av, Row 3 Flr. 1	1	B	Res.	67	59	61	61	62	55	6
BD-48	9659 Richview St, Row 3 Flr. 1	5	B	Res.	67	58	60	60	60	54	6
BD-49	1323 W Ocean View Av, Row 3 Flr. 1	4	B	Res.	67	58	60	60	60	55	6
BD-50	1311 W Ocean View Av, Row 3 Flr. 1	5	B	Res.	67	59	61	61	61	54	7
BD-51	9659 13th View St, Row 3 Flr. 1	1	B	Res.	67	59	61	61	62	54	8
BD-52	1303 W Ocean View Av, Row 4 Flr. 1	1	B	Res.	67	59	61	61	62	54	8
BE-1	9630 13th View St, Row 1 Flr. 1	1	B	Res.	67	67	69	70	70	58	12
BE-2	9634 13th View St, Row 1 Flr. 1	1	B	Res.	67	66	68	68	68	57	11
BE-3	1283 Little Bay Av, Row 1 Flr. 1	1	B	Res.	67	66	68	68	68	57	11
BE-4	1281 Little Bay Av, Row 1 Flr. 1	12	B	Res.	67	67	69	69	69	58	11
BE-5	1275 Little Bay Av, Row 1 Flr. 1	1	B	Res.	67	66	67	67	68	57	11
BE-6	1275 Little Bay Av, Row 1 Flr. 1	1	B	Res.	67	69	70	70	71	60	10
BE-7	1273 Little Bay Av, Row 1 Flr. 1	1	B	Res.	67	66	68	68	68	57	11
BE-8	1263 Little Bay Av, Row 1 Flr. 1	2	B	Res.	67	66	68	67	68	56	11
BE-9	1269 Little Bay Av, Row 1 Flr. 1	2	B	Res.	67	66	68	67	67	56	11
BE-10	1256 Bayville St, Row 1 Flr. 1	1	B	Res.	67	68	70	68	68	57	11
BE-11	1254 Willoughby Bay Av, Row 1 Flr. 1	1	B	Res.	67	70	72	68	68	57	11
BE-12	1250 Willoughby Bay Av, Row 1 Flr. 1	1	B	Res.	67	69	71	68	68	57	11
BE-13	1241 Little Bay Av, Row 1 Flr. 1	1	B	Res.	67	67	69	68	69	57	12
BE-14	1237 Little Bay Av, Row 1 Flr. 1	1	B	Res.	67	67	69	68	69	57	12
BE-15	1233 Little Bay Av, Row 1 Flr. 1	1	B	Res.	67	67	69	68	69	56	12
BE-16	1227 Little Bay Av, Row 1 Flr. 1	1	B	Res.	67	67	69	68	69	56	12
BE-17	1223 Little Bay Av, Row 1 Flr. 1	1	B	Res.	67	67	69	68	69	56	12
BE-18	1217 Little Bay Av, Row 1 Flr. 1	2	B	Res.	67	64	66	66	66	55	11
BE-19	1215 Little Bay Av, Row 1 Flr. 1	1	B	Res.	67	64	66	66	66	55	12
BE-20	1209 Little Bay Av, Row 1 Flr. 1	2	B	Res.	67	66	67	67	68	56	12
BE-21	1205 Little Bay Av, Row 1 Flr. 1	2	B	Res.	67	65	67	67	68	56	12
BE-22	1201 Little Bay Av, Row 1 Flr. 1	2	B	Res.	67	65	67	67	67	55	12
BE-23	1163 Little Bay Av, Row 1 Flr. 1	2	B	Res.	67	65	67	67	67	55	12
BE-24	1158 Willoughby Bay Av, Row 1 Flr. 1	2	B	Res.	67	65	67	66	67	55	12
BE-25	1155 Little Bay Av, Row 1 Flr. 1	1	B	Res.	67	65	66	66	67	55	12
BE-26	1151 Little Bay Av, Row 1 Flr. 1	1	B	Res.	67	59	60	60	60	52	9
BE-27	1147 Little Bay Av, Row 1 Flr. 1	1	B	Res.	67	65	66	66	66	55	12

Table C-2 Predicted Noise Levels for I-64 in Norfolk

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative B		
									No-Barrier	With-Barrier	IL
BE-28	1143 Little Bay Av, Row 1 Flr. 1	2	B	Res.	67	64	66	66	66	55	12
BE-29	1139 Little Bay Av, Row 1 Flr. 1	1	B	Res.	67	64	66	66	66	55	11
BE-30	1135 Little Bay Av, Row 1 Flr. 1	1	B	Res.	67	64	66	66	66	55	11
BE-31	1129 Little Bay Av, Row 1 Flr. 1	1	B	Res.	67	64	66	66	66	55	11
BE-32	1125 Little Bay Av, Row 1 Flr. 1	5	B	Res.	67	64	66	66	66	55	11
BE-33	1123 Little Bay Av, Row 1 Flr. 1	1	B	Res.	67	64	66	66	66	55	11
BE-34	1119 Little Bay Av, Row 1 Flr. 1	1	B	Res.	67	64	66	66	66	55	11
BE-35	1115 Little Bay Av, Row 1 Flr. 1	1	B	Res.	67	64	66	66	66	55	11
BE-36	1109 Little Bay Av, Row 1 Flr. 1	1	B	Res.	67	64	66	65	66	55	11
BE-37	1107 Little Bay Av, Row 1 Flr. 1	3	B	Res.	67	64	66	65	66	55	11
BE-38	1100 Willoughby Bay Av, Row 1 Flr. 1	1	B	Res.	67	64	66	65	66	55	11
BE-39	1064 Willoughby Bay Av, Row 1 Flr. 1	1	B	Res.	67	64	66	65	66	54	11
BE-40	1064 Willoughby Bay Av, Row 1 Flr. 1	1	B	Res.	67	64	66	65	65	54	11
BE-41	Little Bay Av, Row 1 Flr. 1	6	B	Res.	67	64	66	66	66	55	11
BE-42	Little Bay Av, Row 1 Flr. 1	1	B	Res.	67	67	68	66	67	55	12
BE-43	Little Bay Av, Row 1 Flr. 2	1	B	Res.	67	67	69	69	70	55	15
BE-44	1055 Little Bay Av A, Row 1 Flr. 1	2	B	Res.	67	67	68	67	67	55	13
BE-45	1055 Little Bay Av A, Row 1 Flr. 2	2	B	Res.	67	67	69	69	70	55	15
BE-46	1051 Little Bay Av, Row 1 Flr. 1	1	B	Res.	67	65	67	65	65	54	11
BE-47	1045 Little Bay Av, Row 1 Flr. 1	1	B	Res.	67	66	67	65	65	54	11
BE-48	1043 Little Bay Av, Row 1 Flr. 1	2	B	Res.	67	66	67	65	66	55	11
BE-49	1039 Little Bay Av, Row 1 Flr. 1	1	B	Res.	67	64	66	66	66	55	11
BE-50	1033 Little Bay Av, Row 1 Flr. 1	5	B	Res.	67	66	67	65	65	55	10
BE-51	1027 Little Bay Av, Row 1 Flr. 1	2	B	Res.	67	66	68	65	66	55	11
BE-52	1023 Little Bay Av, Row 1 Flr. 1	5	B	Res.	67	66	67	64	65	54	11
BE-53	1021 Little Bay Av, Row 1 Flr. 1	1	B	Res.	67	66	68	65	65	54	11
BE-54	1019 Little Bay Av, Row 1 Flr. 1	1	B	Res.	67	66	67	64	65	54	11
BE-55	1019 Little Bay Av, Row 1 Flr. 1	1	B	Res.	67	65	67	64	65	54	11
BE-56	1001 Little Bay Av, Row 1 Flr. 1	5	B	Res.	67	65	67	64	64	53	11
BE-57	955 Little Bay Av, Row 1 Flr. 1	1	B	Res.	67	66	67	65	65	54	11
BE-58	951 Little Bay Av, Row 1 Flr. 1	1	B	Res.	67	66	68	65	65	54	11
BE-59	947 Little Bay Av, Row 1 Flr. 1	1	B	Res.	67	66	68	65	65	54	11
BE-60	937 Little Bay Av, Row 1 Flr. 1	1	B	Res.	67	66	67	64	65	54	11
BE-61	933 Little Bay Av, Row 1 Flr. 1	1	B	Res.	67	66	67	64	65	54	11
BE-62	931 Little Bay Av, Row 1 Flr. 1	1	B	Res.	67	66	67	65	65	54	11
BE-63	925 Little Bay Av, Row 1 Flr. 1	5	B	Res.	67	66	67	64	65	53	11
BE-64	921 Little Bay Av, Row 1 Flr. 1	1	B	Res.	67	66	68	65	65	54	12

Table C-2 Predicted Noise Levels for I-64 in Norfolk

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative B		
									No-Barrier	With-Barrier	IL
BE-65	905 Little Bay Av, Row 1 Flr. 1	12	B	Res.	67	66	67	65	65	53	12
BE-66	9601 9th View St, Row 1 Flr. 1	1	B	Res.	67	67	69	67	67	55	13
BE-67	9601 9th View St, Row 1 Flr. 2	1	B	Res.	67	68	70	70	70	55	15
BE-68	9601 9th View St, Row 1 Flr. 3	1	B	Res.	67	68	70	70	70	55	15
BE-69	9601 9th View St, Row 1 Flr. 1	5	B	Res.	67	65	67	67	67	55	12
BE-70	9601 9th View St, Row 1 Flr. 1	1	B	Res.	67	65	67	65	65	53	13
BE-71	9601 9th View St, Row 1 Flr. 2	1	B	Res.	67	66	67	67	68	53	15
BE-72	Near Pier @ Willoughby Boat Club, Row 1 Flr. 1	0	B	Res.	67	66	68	68	69	56	13
BE-73	863 Little Bay Av 1, Row 1 Flr. 1	2	B	Res.	67	67	69	67	67	54	13
BE-74	863 Little Bay Av 1, Row 1 Flr. 1	4	B	Res.	67	64	66	64	64	51	13
BE-75	861 Little Bay Av, Row 1 Flr. 1	2	B	Res.	67	61	62	63	63	51	12
BE-76	833 Little Bay Av #17, Row 1 Flr. 1	3	B	Res.	67	72	73	71	71	58	14
BE-77	833 Little Bay Av #17, Row 1 Flr. 2	3	B	Res.	67	72	74	73	74	58	16
BE-78	833 Little Bay Av #17, Row 1 Flr. 1	1	B	Res.	67	61	63	63	63	53	10
BE-79	833 Little Bay Av #17, Row 1 Flr. 1	6	B	Res.	67	66	68	65	66	54	12
BE-80	833 Little Bay Av #17, Row 1 Flr. 2	6	B	Res.	67	69	70	71	71	56	15
BE-81	833 Little Bay Av #17, Row 1 Flr. 2	3	B	Res.	67	71	73	73	73	57	16
BE-82	833 Little Bay Av #17, Row 1 Flr. 1	3	B	Res.	67	70	72	70	71	57	13
BE-83	833 Little Bay Av #17, Row 1 Flr. 2	6	B	Res.	67	69	70	70	71	56	15
BE-84	833 Little Bay Av #17, Row 1 Flr. 1	6	B	Res.	67	66	68	65	65	53	12
BE-85	9640 13th View St A, Row 2 Flr. 1	4	B	Res.	67	62	64	65	65	55	10
BE-86	1274 Little Bay Av, Row 2 Flr. 1	1	B	Res.	67	62	64	65	65	55	10
BE-87	1268 Little Bay Av 1, Row 2 Flr. 1	3	B	Res.	67	64	66	66	66	55	11
BE-88	1268 Little Bay Av 1, Row 2 Flr. 1	3	B	Res.	67	64	65	65	65	54	11
BE-89	1260 Little Bay Av, Row 2 Flr. 1	1	B	Res.	67	62	64	64	64	54	11
BE-90	1259 Little Bay Av, Row 2 Flr. 1	2	B	Res.	67	65	67	67	67	56	11
BE-91	1255 Little Bay Av, Row 2 Flr. 1	1	B	Res.	67	63	65	65	66	56	10
BE-92	1226 Little Bay Av, Row 2 Flr. 1	5	B	Res.	67	62	64	63	64	53	11
BE-93	1216 Little Bay Av, Row 2 Flr. 1	5	B	Res.	67	62	64	63	63	53	11
BE-94	1105 Little Bay Av, Row 2 Flr. 1	6	B	Res.	67	61	63	61	62	52	10
BE-95	1067 Little Bay Av, Row 2 Flr. 1	1	B	Res.	67	64	65	63	63	53	10
BE-96	1063 Little Bay Av, Row 2 Flr. 1	6	B	Res.	67	62	64	62	63	53	10
BE-97	1015 Little Bay Av, Row 2 Flr. 1	10	B	Res.	67	65	67	64	64	53	11
BE-98	949 Little Bay Av, Row 2 Flr. 1	2	B	Res.	67	63	64	61	62	51	11
BE-99	927 Little Bay Av, Row 2 Flr. 1	2	B	Res.	67	61	63	60	61	50	11
BE-100	847 Little Bay Av, Row 2 Flr. 1	2	B	Res.	67	62	63	63	64	52	11
BE-101	843 Little Bay Av, Row 2 Flr. 1	1	B	Res.	67	62	63	63	63	53	11

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CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative B		
									No-Barrier	With-Barrier	IL
BE-102	9648 13th View St, Row 3 Flr. 1	1	B	Res.	67	61	63	64	64	54	10
BE-103	9652 13th View St, Row 3 Flr. 1	1	B	Res.	67	61	62	63	64	54	10
BE-104	1250 Little Bay Av, Row 3 Flr. 1	5	B	Res.	67	61	63	63	64	54	10
BE-105	1251 Little Bay Av, Row 3 Flr. 1	3	B	Res.	67	61	63	63	63	54	9
BE-106	1240 Little Bay Av, Row 3 Flr. 1	2	B	Res.	67	62	63	63	64	53	10
BE-107	9656 13th View St, Row 4 Flr. 1	2	B	Res.	67	60	62	62	63	54	9
BE-108	1287 W Ocean View Av, Row 4 Flr. 1	8	B	Res.	67	60	62	62	62	54	8
BE-109	1273 W Ocean View Av, Row 4 Flr. 1	3	B	Res.	67	59	61	61	62	53	9
BE-110	9627 Leclair St, Row 4 Flr. 1	5	B	Res.	67	57	58	58	59	51	7
BF-1	800 Little Bay Av, Row 1 Flr. 1	1	C	Rec.	67	69	71	70	70	58	13
BF-2	800 Little Bay Av, Row 1 Flr. 1	1	C	Rec.	67	69	71	69	70	58	12
BF-3	800 Little Bay Av, Row 1 Flr. 1	1	C	Rec.	67	66	68	68	69	56	13
BF-4	800 Little Bay Av, Row 1 Flr. 1	1	C	Rec.	67	66	68	68	68	56	12
BF-5	800 Little Bay Av, Row 2 Flr. 1	1	C	Rec.	67	65	66	66	67	54	12
BF-6	800 Little Bay Av, Row 2 Flr. 1	1	C	Rec.	67	65	66	64	65	53	11
BF-7	800 Little Bay Av, Row 2 Flr. 1	0	C	Rec.	67	64	66	66	66	54	12
BF-8	Playground at Captains Qtrs Waterfront Pa, Row 2	0	C	Rec.	67	64	66	65	66	54	12
BF-9	800 Little Bay Av, Row 2 Flr. 1	1	C	Rec.	67	65	66	66	67	55	12
BF-10	800 Little Bay Av, Row 2 Flr. 1	1	C	Rec.	67	65	66	65	65	54	11
BG-1	799 W Ocean View Av, Row 1 Flr. 1	5	B	Res.	67	63	65	62	62	52	11
BG-2	793 W Ocean View Av, Row 1 Flr. 1	1	B	Res.	67	63	65	62	63	52	11
BG-3	783 W Ocean View Av, Row 1 Flr. 1	1	B	Res.	67	64	65	62	63	52	11
BG-4	771 W Ocean View Av, Row 1 Flr. 1	1	B	Res.	67	65	67	64	65	54	11
BG-5	765 W Ocean View Av, Row 1 Flr. 1	1	B	Res.	67	65	67	65	65	54	11
BG-6	759 W Ocean View Av, Row 1 Flr. 1	1	B	Res.	67	63	65	64	65	54	10
BG-7	755 W Ocean View Av, Row 1 Flr. 1	2	B	Res.	67	64	66	65	65	55	11
BG-8	751 W Ocean View Av, Row 1 Flr. 1	2	B	Res.	67	64	65	65	65	55	10
BG-9	747 Willoughby Bay Av A, Row 1 Flr. 1	4	B	Res.	67	63	65	65	65	55	10
BG-10	743 W Ocean View Av, Row 1 Flr. 1	2	B	Res.	67	63	65	65	65	55	10
BG-11	739 W Ocean View Av, Row 1 Flr. 1	2	B	Res.	67	63	65	65	65	55	10
BG-12	729 W Ocean View Av, Row 1 Flr. 1	1	B	Res.	67	64	65	65	65	56	10
BG-13	727 W Ocean View Av, Row 1 Flr. 1	1	B	Res.	67	64	65	64	65	56	9
BG-14	717 W Ocean View Av, Row 1 Flr. 1	16	B	Res.	67	63	65	65	65	56	9
BG-15	709 W Ocean View Av, Row 1 Flr. 1	1	B	Res.	67	63	64	64	64	55	9
BG-16	707 W Ocean View Av, Row 1 Flr. 1	1	B	Res.	67	63	65	64	65	56	9
BG-17	705 W Ocean View Av, Row 1 Flr. 1	1	B	Res.	67	63	64	64	64	56	8
BG-18	649 W Ocean View Av, Row 1 Flr. 1	1	B	Res.	67	62	64	63	64	56	8

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CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative B		
									No-Barrier	With-Barrier	IL
BG-19	639 W Ocean View Av, Row 1 Flr. 1	1	B	Res.	67	62	63	63	64	56	7
BG-20	635 W Ocean View Av, Row 1 Flr. 1	1	B	Res.	67	62	64	63	64	56	7
BG-21	627 W Ocean View Av, Row 1 Flr. 1	2	B	Res.	67	62	64	63	64	57	7
BG-22	615 W Ocean View Av, Row 1 Flr. 1	4	B	Res.	67	64	65	65	65	59	7
BG-23	605 W Ocean View Av, Row 1 Flr. 1	12	B	Res.	67	63	65	65	65	58	7
BG-24	9605 6th View St, Row 1 Flr. 1	1	B	Res.	67	63	65	64	65	59	6
BG-25	9605 6th View Street, Row 1 Flr. 1	0	B	Res.	67	63	65	64	65	59	6
BG-26	583 W Ocean View Av A, Row 1 Flr. 1	4	B	Res.	67	64	65	66	66	61	5
BG-27	583 W Ocean View Av A, Row 1 Flr. 2	4	B	Res.	67	66	67	67	68	62	5
BG-28	581 W Ocean View Av, Row 1 Flr. 1	2	B	Res.	67	62	64	64	64	60	4
BG-29	573 W Ocean View Av, Row 1 Flr. 1	2	B	Res.	67	63	64	63	64	60	4
BG-30	569 W Ocean View Av, Row 1 Flr. 1	2	B	Res.	67	61	63	63	63	59	4
BG-31	545 W Ocean View Av, Row 1 Flr. 1	1	B	Res.	67	61	63	63	63	59	4
BG-32	541 W Ocean View Av, Row 1 Flr. 1	1	B	Res.	67	61	62	62	62	58	4
BG-33	533 W Ocean View Av, Row 1 Flr. 1	12	B	Res.	67	60	62	62	62	58	4
BG-34	529 W Ocean View Av, Row 1 Flr. 1	4	B	Res.	67	60	61	61	61	57	4
BG-35	517 W Ocean View Av A, Row 1 Flr. 1	9	B	Res.	67	60	61	62	62	57	5
BG-36	517 W Ocean View Av A, Row 1 Flr. 1	7	B	Res.	67	59	60	61	62	56	5
BG-37	509 W Ocean View Av,	5	B	Res.	67	57	58	59	59	54	4
BG-38	507 W Ocean View Av, Row 1 Flr. 1	1	B	Res.	67	57	58	58	59	54	4
BG-39	791 W Ocean View Av, Row 2 Flr. 1	2	B	Res.	67	57	59	56	57	50	7
BG-40	777 W Ocean View Av, Row 2 Flr. 1	1	B	Res.	67	57	59	57	57	51	7
BG-41	769 W Ocean View Av, Row 2 Flr. 1	2	B	Res.	67	57	59	57	57	50	7
BG-42	757 W Ocean View Av, Row 2 Flr. 1	4	B	Res.	67	57	59	58	58	51	7
BG-43	741 W Ocean View Ave Row 2 Flr. 1	4	B	Res.	67	57	59	58	59	51	7
BG-44	731 W Ocean View Av, Row 2 Flr. 1	4	B	Res.	67	61	62	62	62	55	8
BG-45	625 W Ocean View Av, Row 2 Flr. 1	1	B	Res.	67	59	61	61	61	55	6
BG-46	613 W Ocean View Av, Row 2 Flr. 1	4	B	Res.	67	58	60	59	59	53	7
BG-47	9609 6th View St, Row 2 Flr. 1	1	B	Res.	67	57	58	59	59	55	4
BG-48	595 W Ocean View Av, Row 2 Flr. 1	4	B	Res.	67	60	62	63	63	56	6
BG-49	585 W Ocean View Av, Row 2 Flr. 1	1	B	Res.	67	59	60	61	61	55	6
BG-50	571 W Ocean View Av, Row 2 Flr. 1	2	B	Res.	67	58	59	59	60	55	5
BG-51	551 W Ocean View Av, Row 2 Flr. 1	2	B	Res.	67	58	59	59	59	55	5
BG-52	539 W Ocean View Av, Row 2 Flr. 1	2	B	Res.	67	58	59	59	60	55	5
BG-53	603 W Ocean View Av, Row 3 Flr. 1	1	B	Res.	67	57	59	59	60	55	5
BH-1	Norfolk Visitors Center, Row 1 Flr. 1	1	C	Rec.	67	63	64	63	64	NA	NA
BH-2	Norfolk Visitors Center, Row 1 Flr. 1	1	C	Rec.	67	63	64	64	64	NA	NA

Table C-2 Predicted Noise Levels for I-64 in Norfolk

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative B		
									No-Barrier	With-Barrier	IL
BI-1	Lincoln Military Housing, Row 1 Flr. 1	6	B	Res.	67	62	63	63	63	61	2
BI-2	Lincoln Military Housing, Row 1 Flr. 1	0	B	Res.	67	62	63	63	63	61	2
BI-3	Lincoln Military Housing, Row 1 Flr. 1	6	B	Res.	67	65	66	65	66	58	8
BI-4	Lincoln Military Housing, Row 1 Flr. 1	12	B	Res.	67	65	66	65	66	57	9
BI-5	Lincoln Military Housing, Row 1 Flr. 1	6	B	Res.	67	66	67	67	67	57	10
BI-6	Lincoln Military Housing, Row 1 Flr. 1	6	B	Res.	67	62	63	63	63	54	9
BI-7	Lincoln Military Housing, Row 2 Flr. 1	6	B	Res.	67	60	61	61	61	57	4
BI-8	Lincoln Military Housing, Row 2 Flr. 1	6	B	Res.	67	59	60	60	60	53	8
BI-9	Lincoln Military Housing, Row 2 Flr. 1	6	B	Res.	67	61	62	62	62	53	9
BJ-1	384 Orange Av, Row 1 Flr. 1	1	B	Res.	67	67	68	68	68	56	12
BJ-2	382 Orange Av, Row 1 Flr. 1	1	B	Res.	67	69	70	69	70	57	13
BJ-3	378 Orange Av, Row 1 Flr. 1	1	B	Res.	67	70	71	71	71	57	14
BJ-4	374 Orange Av, Row 1 Flr. 1	2	B	Res.	67	72	72	72	73	58	15
BJ-5	370 Orange Av, Row 1 Flr. 1	2	B	Res.	67	73	74	74	75	59	16
BJ-6	9291 Atwood Av, Row 1 Flr. 1	1	B	Res.	67	71	72	72	72	57	15
BJ-7	9289 Atwood Av, Row 1 Flr. 1	1	B	Res.	67	69	70	69	70	63	6
BJ-8	9284 Atwood Av, Row 1 Flr. 1	1	B	Res.	67	71	71	71	72	58	14
BJ-9	9280 Atwood Av, Row 1 Flr. 1	1	B	Res.	67	69	70	70	70	56	14
BJ-10	9279 Coleman Ave., Row 1 Flr. 1	0	B	Res.	67	70	71	71	71	58	13
BJ-11	9279 Coleman Av, Row 1 Flr. 1	2	B	Res.	67	68	69	69	70	57	13
BJ-12	9275 Coleman Av, Row 1 Flr. 1	1	B	Res.	67	69	70	70	70	58	13
BJ-13	9271 Coleman Av, Row 1 Flr. 1	1	B	Res.	67	68	69	69	69	57	12
BJ-14	9269 Coleman Av, Row 1 Flr. 1	2	B	Res.	67	67	68	68	68	56	12
BJ-15	9263 Coleman Av, Row 1 Flr. 1	1	B	Res.	67	66	67	67	67	55	12
BJ-16	9264 Coleman Av, Row 1 Flr. 1	1	B	Res.	67	69	70	69	70	58	12
BJ-17	9260 Coleman Av, Row 1 Flr. 1	2	B	Res.	67	68	69	69	69	57	12
BJ-18	9257 Phillip Av, Row 1 Flr. 1	1	B	Res.	67	67	68	67	67	56	11
BJ-19	9257 Phillip Av, Row 1 Flr. 1	1	B	Res.	67	68	69	69	69	57	12
BJ-20	9253 Phillip Av, Row 1 Flr. 1	1	B	Res.	67	67	68	68	68	56	11
BJ-21	9245 Phillip Av, Row 1 Flr. 1	1	B	Res.	67	66	66	66	67	55	12
BJ-22	9241 Phillip Av, Row 1 Flr. 1	2	B	Res.	67	65	65	65	66	54	11
BJ-23	9242 Phillip Av, Row 1 Flr. 1	1	B	Res.	67	69	70	69	70	58	12
BJ-24	9238 Phillip Av, Row 1 Flr. 1	1	B	Res.	67	66	67	67	67	56	11
BJ-25	9239 Mason Creek Rd, Row 1 Flr. 1	1	B	Res.	67	69	69	69	70	57	12
BJ-26	9235 Mason Creek Rd, Row 1 Flr. 1	2	B	Res.	67	68	68	68	68	57	11
BJ-27	9227 Mason Creek Rd, Row 1 Flr. 1	1	B	Res.	67	66	67	67	67	56	11
BJ-28	9226 Mason Creek Rd, Row 1 Flr. 1	1	B	Res.	67	69	70	69	69	59	10

Table C-2 Predicted Noise Levels for I-64 in Norfolk

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative B		
									No-Barrier	With-Barrier	IL
BJ-29	9218 Mason Creek Rd, Row 1 Flr. 1	1	B	Res.	67	67	68	68	68	58	10
BJ-30	9215 Hickory St, Row 1 Flr. 1	1	B	Res.	67	68	69	69	69	59	10
BJ-31	9213 Hickory St, Row 1 Flr. 1	1	B	Res.	67	67	68	68	68	60	8
BJ-32	240 Ridgewell Av, Row 1 Flr. 1	1	B	Res.	67	66	67	67	67	60	7
BJ-33	9200 Hickory St, Row 1 Flr. 1	2	B	Res.	67	68	68	69	69	62	7
BJ-34	373 Orange Av, Row 2 Flr. 1	1	B	Res.	67	68	68	68	69	55	13
BJ-35	9283 Atwood Av, Row 2 Flr. 1	2	B	Res.	67	66	67	67	67	54	13
BJ-36	9276 Atwood Av, Row 2 Flr. 1	1	B	Res.	67	67	68	68	68	55	13
BJ-37	9266 Atwood Av, Row 2 Flr. 1	1	B	Res.	67	65	66	66	66	54	12
BJ-38	9259 Coleman Av, Row 2 Flr. 1	1	B	Res.	67	65	65	65	65	54	12
BJ-39	9250 Coleman Av, Row 2 Flr. 1	1	B	Res.	67	65	66	65	66	55	11
BJ-40	9246 Coleman Av, Row 2 Flr. 1	2	B	Res.	67	63	63	63	64	53	11
BJ-41	9237 Phillip Av, Row 2 Flr. 1	1	B	Res.	67	63	64	64	64	54	11
BJ-42	9226 Phillip Av, Row 2 Flr. 1	4	B	Res.	67	64	65	65	65	54	11
BJ-43	9223 Mason Creek Rd, Row 2 Flr. 1	1	B	Res.	67	65	66	66	66	56	10
BJ-44	9214 Mason Creek Rd, Row 2 Flr. 1	2	B	Res.	67	66	67	67	67	58	10
BJ-45	9210 Mason Creek Rd, Row 2 Flr. 1	1	B	Res.	67	65	66	65	66	57	9
BJ-46	246 Ridgewell Av, Row 2 Flr. 1	1	B	Res.	67	64	65	64	65	57	7
BJ-47	9284 Rippard Av, Row 3 Flr. 1	2	B	Res.	67	65	66	66	66	54	12
BJ-48	9274 Rippard Av, Row 3 Flr. 1	3	B	Res.	67	63	64	64	64	53	11
BJ-49	9271 Atwood Av, Row 3 Flr. 1	2	B	Res.	67	64	65	64	65	53	12
BJ-50	9263 Atwood Av, Row 3 Flr. 1	2	B	Res.	67	62	63	63	63	52	11
BJ-51	9258 Atwood Av, Row 3 Flr. 1	2	B	Res.	67	63	64	64	64	53	11
BJ-52	9251 Coleman Av, Row 3 Flr. 1	1	B	Res.	67	63	64	64	64	53	11
BJ-53	9247 Coleman Av, Row 3 Flr. 1	2	B	Res.	67	61	62	62	62	52	11
BJ-54	9236 Coleman Av, Row 3 Flr. 1	1	B	Res.	67	62	62	62	63	52	11
BJ-55	9225 Phillip Av, Row 3 Flr. 1	2	B	Res.	67	62	63	63	63	53	10
BJ-56	9214 Phillip Av, Row 3 Flr. 1	2	B	Res.	67	62	63	63	63	53	10
BJ-57	9217 Mason Creek Rd, Row 3 Flr. 1	1	B	Res.	67	64	65	65	65	55	10
BJ-58	9200 Mason Creek Rd, Row 3 Flr. 1	1	B	Res.	67	60	61	61	61	53	8
BJ-59	9250 Atwood Av, Row 4 Flr. 1	1	B	Res.	67	62	63	63	63	52	11
BJ-60	9230 Coleman Av, Row 4 Flr. 1	1	B	Res.	67	60	61	61	61	52	10
BJ-61	9210 Phillip Av, Row 4 Flr. 1	1	B	Res.	67	61	62	62	62	53	9
BJ-62	300 Ridgewell Av, Row 4 Flr. 1	1	B	Res.	67	62	63	63	63	55	8
BK-1	First View Church, 9124 1St View St, Row 1 Flr. 1	1	D	Int.	52	41	42	42	42	58	9
BK-2	256 Burgoyne Rd, Row 1 Flr. 1	1	B	Res.	67	65	66	66	66	58	9
BK-3	252 Burgoyne Rd, Row 1 Flr. 1	1	B	Res.	67	66	67	67	67	58	9

Table C-2 Predicted Noise Levels for I-64 in Norfolk

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative B		
									No-Barrier	With-Barrier	IL
BK-4	248 Burgoyne Rd, Row 1 Flr. 1	1	B	Res.	67	68	69	68	69	59	10
BK-5	244 Burgoyne Rd, Row 1 Flr. 1	1	B	Res.	67	68	69	69	69	59	10
BK-6	240 Burgoyne Rd, Row 1 Flr. 1	1	B	Res.	67	69	70	69	70	60	10
BK-7	239 Burgoyne Rd, Row 1 Flr. 1	1	B	Res.	67	67	68	68	68	60	8
BK-8	235 Burgoyne Rd, Row 1 Flr. 1	1	B	Res.	67	68	68	68	68	61	7
BK-9	235 Burgoyne Road, Row 1 Flr. 1	0	B	Res.	67	65	66	66	66	60	6
BK-10	231 Burgoyne Rd, Row 1 Flr. 1	1	B	Res.	67	69	70	69	69	61	8
BK-11	268 Burgoyne Rd, Row 2 Flr. 1	1	B	Res.	67	63	64	64	64	57	8
BK-12	264 Burgoyne Rd, Row 2 Flr. 1	1	B	Res.	67	64	65	65	65	57	8
BK-13	260 Burgoyne Rd, Row 2 Flr. 1	1	B	Res.	67	64	65	65	66	58	8
BK-14	254 W Bay Av, Row 2 Flr. 1	6	B	Res.	67	63	64	64	64	57	7
BK-15	254 W Bay Av, Row 2 Flr. 2	6	B	Res.	67	67	68	68	68	60	8
BK-16	247 Burgoyne Rd, Row 2 Flr. 1	2	B	Res.	67	66	67	67	67	59	8
BK-17	254 W Bay Av, Row 2 Flr. 2	6	B	Res.	67	69	70	69	69	61	8
BK-18	254 W Bay Av, Row 2 Flr. 1	6	B	Res.	67	64	65	65	65	58	7
BK-19	254 W Bay Av, Row 2 Flr. 1	2	B	Res.	67	59	60	59	59	53	6
BK-20	254 W Bay Av, Row 2 Flr. 2	2	B	Res.	67	62	63	62	62	56	7
BK-21	254 W Bay Av, Row 2 Flr. 1	4	B	Res.	67	60	61	60	60	56	4
BK-22	254 W Bay Av, Row 2 Flr. 2	4	B	Res.	67	65	65	64	65	59	6
BK-23	254 W Bay Av, Row 2 Flr. 1	6	B	Res.	67	66	67	66	66	60	7
BK-24	254 W Bay Av, Row 2 Flr. 2	6	B	Res.	67	69	70	69	69	62	8
BK-25	254 W Bay Av, Row 2 Flr. 1	1	B	Res.	67	65	66	65	65	59	6
BK-26	254 W Bay Av, Row 3 Flr. 1	4	B	Res.	67	58	59	59	59	53	7
BK-27	254 W Bay Av, Row 3 Flr. 2	4	B	Res.	67	64	64	64	64	58	7
BK-28	254 W Bay Av, Row 3 Flr. 1	6	B	Res.	67	58	59	59	59	53	6
BK-29	254 W Bay Av, Row 3 Flr. 2	6	B	Res.	67	62	63	62	62	57	6
BK-30	254 W Bay Av, Row 4 Flr. 1	8	B	Res.	67	58	59	59	59	53	7
BK-31	254 W Bay Av, Row 4 Flr. 2	8	B	Res.	67	64	64	64	64	57	7
BK-32	254 W Bay Av, Row 4 Flr. 1	4	B	Res.	67	57	57	57	58	53	5
BK-33	254 W Bay Av, Row 4 Flr. 1	10	B	Res.	67	57	58	58	58	52	6
BK-34	254 W Bay Av, Row 4 Flr. 2	10	B	Res.	67	64	65	64	64	57	7
BK-35	254 W Bay Av, Row 4 Flr. 1	2	B	Res.	67	58	58	58	58	54	4
BK-36	254 W Bay Av, Row 4 Flr. 2	2	B	Res.	67	62	63	62	62	57	5
BK-37	254 W Bay Av, Row 4 Flr. 1	4	B	Res.	67	55	56	56	56	52	5
BK-38	254 W Bay Av, Row 4 Flr. 2	4	B	Res.	67	59	60	59	60	54	6
BK-39	254 W Bay Av, Row 4 Flr. 1	2	B	Res.	67	58	58	57	57	54	3
BK-40	254 W Bay Av, Row 4 Flr. 2	2	B	Res.	67	61	61	59	60	57	4

Table C-2 Predicted Noise Levels for I-64 in Norfolk

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative B		
									No-Barrier	With-Barrier	IL
BK-41	254 W Bay Av, Row 5 Flr. 1	4	B	Res.	67	58	59	59	59	52	7
BK-42	254 W Bay Av, Row 5 Flr. 2	4	B	Res.	67	63	64	63	63	56	7
BK-43	254 W Bay Av, Row 5 Flr. 1	4	B	Res.	67	57	58	58	58	52	6
BK-44	254 W Bay Av, Row 5 Flr. 2	4	B	Res.	67	63	64	63	63	56	7
BK-45	254 W Bay Av, Row 5 Flr. 2	4	B	Res.	67	61	61	60	61	56	5
BK-46	254 W Bay Av, Row 5 Flr. 1	4	B	Res.	67	52	53	53	53	51	2
BK-47	254 W Bay Av, Row 5 Flr. 2	4	B	Res.	67	59	60	59	59	55	5
BK-48	254 W Bay Av, Row 5 Flr. 1	2	B	Res.	67	54	54	53	54	51	3
BK-49	254 W Bay Av, Row 5 Flr. 2	2	B	Res.	67	61	61	60	60	56	5
BK-50	254 W Bay Av, Row 6 Flr. 1	4	B	Res.	67	56	57	57	58	52	5
BK-51	254 W Bay Av, Row 6 Flr. 2	4	B	Res.	67	62	63	62	62	56	6
BK-52	254 W Bay Av, Row 6 Flr. 1	0	B	Res.	67	54	55	52	52	49	3
BK-53	254 W Bay Av, Row 7 Flr. 1	4	B	Res.	67	55	55	55	55	50	5
BK-54	254 W Bay Av, Row 7 Flr. 2	4	B	Res.	67	59	60	58	59	54	5
BK-55	254 W Bay Av, Row 8 Flr. 1	8	B	Res.	67	52	52	50	51	49	2
BK-56	254 W Bay Av, Row 8 Flr. 2	8	B	Res.	67	57	58	56	57	53	4
BK-57	254 W Bay Av, Row 9 Flr. 1	4	B	Res.	67	52	52	49	50	48	2
BK-58	254 W Bay Av, Row 9 Flr. 2	4	B	Res.	67	56	57	55	56	52	4
BL-1	9500 4th View St, Row 1 Flr. 1	1	D	Int.	52	36	37	38	38	NA	NA
BM-1	9501 Mason Creek Rd, Row 1 Flr. 1	1	C	Rec.	67	58	59	59	59	NA	NA
BM-2	9501 Mason Creek Rd, Row 1 Flr. 1	1	C	Rec.	67	57	58	58	58	NA	NA
BM-3	9501 Mason Creek Rd, Row 1 Flr. 1	1	C	Rec.	67	58	59	59	59	NA	NA
BM-4	9501 Mason Creek Rd, Row 1 Flr. 1	1	C	Rec.	67	56	57	57	57	NA	NA
BM-5	9501 Mason Creek Rd, Row 1 Flr. 1	1	C	Rec.	67	57	58	58	58	NA	NA
BM-6	9501 Mason Creek Rd, Row 1 Flr. 1	1	C	Rec.	67	58	59	59	59	NA	NA
BM-7	9501 Mason Creek Rd, Row 1 Flr. 1	1	C	Rec.	67	55	56	56	56	NA	NA
BM-8	9501 Mason Creek Rd, Row 1 Flr. 1	1	C	Rec.	67	56	57	57	58	NA	NA
BM-9	9501 Mason Creek Rd, Row 1 Flr. 1	1	C	Rec.	67	57	58	58	58	NA	NA
BM-10	9501 Mason Creek Rd, Row 1 Flr. 1	1	C	Rec.	67	58	59	59	60	NA	NA
BM-11	9501 Mason Creek Rd, Row 1 Flr. 1	1	C	Rec.	67	54	55	55	55	NA	NA
BM-12	9501 Mason Creek Rd, Row 1 Flr. 1	1	C	Rec.	67	55	56	56	57	NA	NA
BM-13	9501 Mason Creek Rd, Row 1 Flr. 1	1	C	Rec.	67	56	57	57	57	NA	NA
BM-14	9501 Mason Creek Rd, Row 1 Flr. 1	1	C	Rec.	67	57	58	58	59	NA	NA
BM-15	9501 Mason Creek Rd, Row 1 Flr. 1	1	C	Rec.	67	59	60	60	60	NA	NA
BM-16	9501 Mason Creek Rd, Row 1 Flr. 1	1	C	Rec.	67	55	55	55	56	NA	NA
BM-17	9501 Mason Creek Rd, Row 1 Flr. 1	1	C	Rec.	67	56	57	57	57	NA	NA
BM-18	9501 Mason Creek Rd, Row 1 Flr. 1	1	C	Rec.	67	56	57	57	58	NA	NA

Table C-2 Predicted Noise Levels for I-64 in Norfolk

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative B		
									No-Barrier	With-Barrier	IL
BM-19	9501 Mason Creek Rd, Row 1 Flr. 1	1	C	Rec.	67	58	59	59	59	NA	NA
BM-20	9501 Mason Creek Rd, Row 1 Flr. 1	1	C	Rec.	67	59	60	60	60	NA	NA
BM-21	9501 Mason Creek Rd, Row 1 Flr. 1	1	C	Rec.	67	54	55	55	55	NA	NA
BM-22	9501 Mason Creek Rd, Row 1 Flr. 1	1	C	Rec.	67	55	56	56	56	NA	NA
BM-23	9501 Mason Creek Rd, Row 1 Flr. 1	1	C	Rec.	67	56	57	57	57	NA	NA
BM-24	9501 Mason Creek Rd, Row 1 Flr. 1	1	C	Rec.	67	56	57	58	58	NA	NA
BM-25	9501 Mason Creek Rd, Row 1 Flr. 1	1	C	Rec.	67	58	59	59	59	NA	NA
BM-26	9501 Mason Creek Rd, Row 1 Flr. 1	1	C	Rec.	67	54	55	55	55	NA	NA
BM-27	9501 Mason Creek Rd, Row 1 Flr. 1	1	C	Rec.	67	55	56	56	56	NA	NA
BM-28	9501 Mason Creek Rd, Row 1 Flr. 1	1	C	Rec.	67	56	56	57	57	NA	NA
BM-29	9501 Mason Creek Rd, Row 1 Flr. 1	1	C	Rec.	67	57	58	58	58	NA	NA
BM-30	9501 Mason Creek Rd, Row 1 Flr. 1	1	C	Rec.	67	54	55	55	55	NA	NA
BM-31	9501 Mason Creek Rd, Row 1 Flr. 1	1	C	Rec.	67	55	56	56	56	NA	NA
BM-32	9501 Mason Creek Rd, Row 1 Flr. 1	1	C	Rec.	67	56	56	57	57	NA	NA
BM-33	9501 Mason Creek Rd, Row 1 Flr. 1	1	C	Rec.	67	55	56	56	56	NA	NA
BM-34	9501 Mason Creek Rd, Row 1 Flr. 1	1	C	Rec.	67	53	54	54	55	NA	NA
BN-1	365 W Government Av, Row 1 Flr. 1	2	B	Res.	67	58	59	59	60	NA	NA
BN-2	9466 Garrett Av, Row 1 Flr. 1	1	B	Res.	67	58	59	59	60	NA	NA
BN-3	9460 Garrett Av, Row 1 Flr. 1	1	B	Res.	67	58	59	60	60	NA	NA
BN-4	9456 Garrett Av, Row 1 Flr. 1	1	B	Res.	67	58	59	59	60	NA	NA
BN-5	9450 Garrett Av, Row 1 Flr. 1	1	B	Res.	67	58	59	59	60	NA	NA
BN-6	9442 Garrett Av, Row 1 Flr. 1	2	B	Res.	67	59	60	60	60	NA	NA
BN-7	381 Cherry Street, Row 1 Flr. 1	0	B	Res.	67	60	60	61	61	NA	NA
BN-8	381 Cherry St, Row 1 Flr. 1	2	B	Res.	67	60	61	61	61	NA	NA
BN-9	379 Cherry St, Row 1 Flr. 1	2	B	Res.	67	59	60	60	61	NA	NA
BN-10	365 Cherry St, Row 1 Flr. 1	2	B	Res.	67	58	59	59	60	NA	NA
BN-11	363 Cherry St, Row 1 Flr. 1	2	B	Res.	67	58	58	59	59	NA	NA
BN-12	361 Cherry St, Row 1 Flr. 1	2	B	Res.	67	57	58	58	58	NA	NA
BN-13	9421 Atwood Av, Row 1 Flr. 1	2	B	Res.	67	58	59	59	59	NA	NA
BN-14	9417 Atwood Av, Row 1 Flr. 1	2	B	Res.	67	58	59	59	60	NA	NA
BN-15	9413 Atwood Av, Row 1 Flr. 1	2	B	Res.	67	59	59	60	60	NA	NA
BN-16	9409 Atwood Av, Row 1 Flr. 1	2	B	Res.	67	59	60	60	60	NA	NA
BN-17	9405 Atwood Av, Row 1 Flr. 1	2	B	Res.	67	60	61	61	61	NA	NA
BN-18	9401 Atwood Av, Row 1 Flr. 1	1	B	Res.	67	60	61	61	62	NA	NA
BN-19	Corner Of Duvall And Hickory Street, Row 1 Flr. 1	0	B	Res.	67	60	61	61	62	NA	NA
BN-20	348 Maple Av, Row 1 Flr. 1	1	B	Res.	67	58	59	59	60	NA	NA
BN-21	9326 Atwood Av, Row 1 Flr. 1	1	B	Res.	67	59	60	60	60	NA	NA

Table C-2 Predicted Noise Levels for I-64 in Norfolk

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative B		
									No-Barrier	With-Barrier	IL
BN-22	9324 Atwood Av, Row 1 Flr. 1	1	B	Res.	67	60	61	61	61	NA	NA
BN-23	343 Maple Av, Row 1 Flr. 1	1	B	Res.	67	58	59	59	59	NA	NA
BN-24	9329 Phillip Av, Row 1 Flr. 1	1	B	Res.	67	57	58	58	58	NA	NA
BN-25	9325 Phillip Av, Row 1 Flr. 1	1	B	Res.	67	57	58	58	58	NA	NA
BN-26	9323 Phillip Av, Row 1 Flr. 1	1	B	Res.	67	57	58	58	59	NA	NA
BN-27	9319 Phillip Av, Row 1 Flr. 1	1	B	Res.	67	57	58	58	59	NA	NA
BN-28	9315 Phillip Av, Row 1 Flr. 1	1	B	Res.	67	58	58	59	59	NA	NA
BN-29	9311 Phillip Av, Row 1 Flr. 1	1	B	Res.	67	59	60	60	60	NA	NA
BN-30	9301 Phillip Av, Row 1 Flr. 1	4	B	Res.	67	59	60	60	60	NA	NA
BN-31	9301 Phillip Av, Row 1 Flr. 1	4	B	Res.	67	60	60	60	61	NA	NA
BN-32	9308 Phillip Av, Row 1 Flr. 1	1	B	Res.	67	56	57	57	58	NA	NA
BN-33	9302 Phillip Av, Row 1 Flr. 1	2	B	Res.	67	57	58	58	58	NA	NA
BN-34	9294 Phillip Av, Row 1 Flr. 1	1	B	Res.	67	58	59	59	59	NA	NA
BN-35	9290 Phillip Av, Row 1 Flr. 1	1	B	Res.	67	58	59	59	59	NA	NA
BN-36	9286 Phillip Av, Row 1 Flr. 1	1	B	Res.	67	59	60	60	60	NA	NA
BN-37	9284 Phillip Av, Row 1 Flr. 1	1	B	Res.	67	59	60	60	60	NA	NA
BN-38	9281 Mason Creek Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	59	59	NA	NA
BN-39	9277 Mason Creek Rd, Row 1 Flr. 1	1	B	Res.	67	59	59	59	60	NA	NA
BN-40	9273 Mason Creek Rd, Row 1 Flr. 1	1	B	Res.	67	59	59	59	60	NA	NA
BN-41	9272 Mason Creek Rd, Row 1 Flr. 1	1	B	Res.	67	57	58	57	58	NA	NA
BN-42	9268 Mason Creek Rd, Row 1 Flr. 1	1	B	Res.	67	57	58	58	58	NA	NA
BN-43	9264 Mason Creek Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	59	59	NA	NA
BN-44	9260 Mason Creek Rd, Row 1 Flr. 1	1	B	Res.	67	59	59	59	60	NA	NA
BN-45	9261 Hickory St, Row 1 Flr. 1	1	B	Res.	67	57	58	58	58	NA	NA
BN-46	9255 Hickory St, Row 1 Flr. 1	1	B	Res.	67	58	59	59	59	NA	NA
BN-47	9251 Hickory St, Row 1 Flr. 1	1	B	Res.	67	58	59	59	59	NA	NA
BN-48	9250 Hickory St, Row 1 Flr. 1	2	B	Res.	67	57	58	58	58	NA	NA
BN-49	9246 Hickory St, Row 1 Flr. 1	1	B	Res.	67	58	59	59	59	NA	NA
BN-50	9242 Hickory St, Row 1 Flr. 1	2	B	Res.	67	58	59	59	60	NA	NA
BN-51	9243 Peachtree St, Row 1 Flr. 1	2	B	Res.	67	56	57	57	58	NA	NA
BN-52	9239 Peachtree St, Row 1 Flr. 1	1	B	Res.	67	56	57	57	57	NA	NA
BN-53	9235 Peachtree St, Row 1 Flr. 1	1	B	Res.	67	58	59	59	60	NA	NA
BN-54	9238 Peachtree St, Row 1 Flr. 1	1	B	Res.	67	57	58	58	58	NA	NA
BN-55	9234 Peachtree St, Row 1 Flr. 1	1	B	Res.	67	58	59	59	59	NA	NA
BN-56	9230 Peachtree St, Row 1 Flr. 1	1	B	Res.	67	58	59	59	59	NA	NA
BN-57	9226 Peachtree St, Row 1 Flr. 1	1	B	Res.	67	59	60	59	60	NA	NA
BN-58	9220 Peachtree St, Row 1 Flr. 1	1	B	Res.	67	59	60	60	61	NA	NA

Table C-2 Predicted Noise Levels for I-64 in Norfolk

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative B		
									No-Barrier	With-Barrier	IL
BN-59	9209 1St View St, Row 1 Flr. 1	1	B	Res.	67	62	63	62	63	NA	NA
BN-60	9200 1St View St, Row 1 Flr. 1	1	B	Res.	67	67	68	67	68	59	9
BN-61	202 Ridgewell Cir, Row 1 Flr. 1	1	B	Res.	67	69	70	68	68	58	9
BN-62	204 Ridgewell Cir, Row 1 Flr. 1	1	B	Res.	67	67	68	67	68	58	10
BN-63	206 Ridgewell Cir, Row 1 Flr. 1	1	B	Res.	67	67	68	67	67	58	10
BN-64	208 Ridgewell Cir, Row 1 Flr. 1	1	B	Res.	67	66	67	66	67	57	11
BN-65	209 Ridgewell Cir, Row 1 Flr. 1	1	B	Res.	67	68	69	68	68	59	11
BN-66	211 Ridgewell Cir, Row 1 Flr. 1	1	B	Res.	67	69	70	69	70	59	11
BN-67	215 Ridgewell Cir, Row 1 Flr. 1	1	B	Res.	67	69	69	70	70	59	11
BN-68	217 Ridgewell Cir, Row 1 Flr. 1	1	B	Res.	67	69	70	70	70	60	11
BN-69	219 Ridgewell Cir, Row 1 Flr. 1	1	B	Res.	67	70	71	70	71	61	10
BN-70	220 Ridgewell Cir, Row 1 Flr. 1	1	B	Res.	67	68	69	69	69	59	10
BN-71	222 Ridgewell Cir, Row 1 Flr. 1	1	B	Res.	67	70	71	70	70	61	10
BN-72	362 Cherry St, Row 2 Flr. 1	1	B	Res.	67	56	57	57	57	NA	NA
BN-73	9447 Atwood Av, Row 2 Flr. 1	1	B	Res.	67	55	56	56	57	NA	NA
BN-74	358 Cherry St, Row 2 Flr. 1	1	B	Res.	67	55	56	56	56	NA	NA
BN-75	359 Cherry St, Row 2 Flr. 1	2	B	Res.	67	57	57	58	58	NA	NA
BN-76	9418 Atwood Av, Row 2 Flr. 1	2	B	Res.	67	55	56	57	57	NA	NA
BN-77	9410 Atwood Av, Row 2 Flr. 1	2	B	Res.	67	57	57	58	58	NA	NA
BN-78	342 Maple Av, Row 2 Flr. 1	2	B	Res.	67	56	57	57	57	NA	NA
BN-79	9331 Phillip Av, Row 2 Flr. 1	1	B	Res.	67	57	58	58	58	NA	NA
BN-80	319 Maple Av, Row 2 Flr. 1	2	B	Res.	67	54	54	54	55	NA	NA
BN-81	9322 Phillip Av, Row 2 Flr. 1	2	B	Res.	67	55	56	56	56	NA	NA
BN-82	9312 Phillip Av, Row 2 Flr. 1	1	B	Res.	67	56	57	57	57	NA	NA
BN-83	9309 Mason Creek Rd, Row 2 Flr. 1	2	B	Res.	67	54	55	55	55	NA	NA
BN-84	9301 Mason Creek Rd, Row 2 Flr. 1	2	B	Res.	67	55	56	56	56	NA	NA
BN-85	9285 Mason Creek Rd, Row 2 Flr. 1	2	B	Res.	67	57	58	58	58	NA	NA
BN-86	9276 Mason Creek Rd, Row 2 Flr. 1	3	B	Res.	67	55	56	56	56	NA	NA
BN-87	9269 Hickory St, Row 2 Flr. 1	2	B	Res.	67	56	57	57	57	NA	NA
BN-88	9265 Hickory St, Row 2 Flr. 1	1	B	Res.	67	57	58	58	58	NA	NA
BN-89	9256 Hickory St, Row 2 Flr. 1	2	B	Res.	67	55	56	56	56	NA	NA
BN-90	9253 Peachtree St, Row 2 Flr. 1	1	B	Res.	67	56	57	57	57	NA	NA
BN-91	9246 Peachtree St, Row 2 Flr. 1	3	B	Res.	67	56	57	57	57	NA	NA
BN-92	9219 1St View St, Row 2 Flr. 1	3	B	Res.	67	60	60	60	61	NA	NA
BN-93	9208 1St View St, Row 2 Flr. 1	1	B	Res.	67	63	64	64	64	56	8
BN-94	189 Bearden Rd, Row 2 Flr. 1	1	B	Res.	67	65	66	65	66	57	9
BN-95	185 Bearden Rd, Row 2 Flr. 1	2	B	Res.	67	64	65	65	65	57	9

Table C-2 Predicted Noise Levels for I-64 in Norfolk

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative B		
									No-Barrier	With-Barrier	IL
BN-96	177 Bearden Rd, Row 2 Flr. 1	1	B	Res.	67	64	65	64	65	56	10
BN-97	214 Ridgewell Cir, Row 2 Flr. 1	3	B	Res.	67	67	68	68	68	58	11
BN-98	218 Ridgewell Cir, Row 2 Flr. 1	1	B	Res.	67	68	68	68	69	58	11
BN-99	9131 Mace Arch, Row 2 Flr. 1	1	B	Res.	67	62	63	62	62	54	9
BN-100	9127 Mace Arch, Row 2 Flr. 1	1	B	Res.	67	63	64	63	64	55	9
BN-101	349 Cherry St, Row 3 Flr. 1	2	B	Res.	67	56	56	57	57	NA	NA
BN-102	9401 Phillip Av, Row 3 Flr. 1	3	B	Res.	67	54	55	55	56	NA	NA
BN-103	9317 Mason Creek Rd, Row 3 Flr. 1	1	B	Res.	67	53	54	54	55	NA	NA
BN-104	9284 Mason Creek Rd, Row 3 Flr. 1	2	B	Res.	67	55	55	56	56	NA	NA
BN-105	9275 Hickory St, Row 3 Flr. 1	2	B	Res.	67	55	56	56	56	NA	NA
BN-106	9270 Hickory St, Row 3 Flr. 1	2	B	Res.	67	55	56	56	56	NA	NA
BN-107	9257 Peachtree St, Row 3 Flr. 1	2	B	Res.	67	55	56	56	56	NA	NA
BN-108	9241 1St View St, Row 3 Flr. 1	2	B	Res.	67	56	57	57	57	NA	NA
BN-109	9228 1St View St, Row 3 Flr. 1	2	B	Res.	67	59	60	60	60	55	6
BN-110	9226 1St View St, Row 3 Flr. 1	1	B	Res.	67	60	61	61	61	55	7
BN-111	188 Bearden Rd, Row 3 Flr. 1	1	B	Res.	67	63	63	63	63	56	9
BN-112	184 Bearden Rd, Row 3 Flr. 1	1	B	Res.	67	62	63	62	63	55	9
BN-113	E S Bearden Rd, Row 3 Flr. 1	1	B	Res.	67	60	61	61	61	53	8
BN-114	W S Bearden Rd, Row 3 Flr. 1	1	B	Res.	67	60	61	61	61	54	8
BN-115	9135 Mace Arch, Row 3 Flr. 1	1	B	Res.	67	60	61	61	61	53	9
BN-116	251 Orange Av, Row 4 Flr. 1	1	B	Res.	67	54	55	54	55	NA	NA
BN-117	9266 Hickory St, Row 4 Flr. 1	2	B	Res.	67	54	55	55	55	NA	NA
BO-1	9121 Mace Arch, Row 1 Flr. 1	1	B	Res.	67	66	67	66	66	58	9
BO-2	9115 Mace Arch, Row 1 Flr. 1	1	B	Res.	67	66	67	67	67	58	9
BO-3	9101 Mace Arch, Row 1 Flr. 1	1	B	Res.	67	63	64	64	64	58	7
BO-4	200 W Ocean Av, Row 1 Flr. 1	1	B	Res.	67	65	66	65	65	58	7
BO-5	194 W Ocean Av, Row 1 Flr. 1	1	B	Res.	67	63	64	63	63	54	9
BO-6	195 W Ocean Av, Row 1 Flr. 1	2	B	Res.	67	65	65	64	64	55	10
BO-7	194 W Bay Av, Row 1 Flr. 1	2	B	Res.	67	66	67	66	66	56	9
BO-8	203 W Bay Av, Row 1 Flr. 1	1	B	Res.	67	71	72	71	71	60	10
BO-9	201 W Bay Av, Row 1 Flr. 1	1	B	Res.	67	69	70	69	69	58	10
BO-10	193 W Bay Av, Row 1 Flr. 1	1	B	Res.	67	68	69	67	68	57	10
BO-11	189 W Bay Av, Row 1 Flr. 1	1	B	Res.	67	67	67	66	66	56	10
BO-12	179 W Bay Av, Row 1 Flr. 1	1	B	Res.	67	65	66	65	65	56	9
BO-13	8957 Saint George Av, Row 1 Flr. 1	2	B	Res.	67	59	60	60	60	NA	NA
BO-14	9123 Mace Arch, Row 2 Flr. 1	1	B	Res.	67	64	65	65	65	57	9
BO-15	9108 Mace Arch, Row 2 Flr. 1	1	B	Res.	67	63	63	63	63	55	9

Table C-2 Predicted Noise Levels for I-64 in Norfolk

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative B		
									No-Barrier	With-Barrier	IL
BO-16	9104 Mace Arch, Row 2 Flr. 1	1	B	Res.	67	63	64	64	64	55	9
BO-17	9100 Mace Arch, Row 2 Flr. 1	1	B	Res.	67	63	64	63	64	56	8
BO-18	191 W Randall Av, Row 2 Flr. 1	2	B	Res.	67	59	60	59	60	52	8
BO-19	194 W Leicester Av, Row 2 Flr. 1	1	B	Res.	67	61	62	62	62	54	8
BO-20	195 W Leicester Av, Row 2 Flr. 1	1	B	Res.	67	61	62	62	62	54	9
BO-21	187 W Ocean Av, Row 2 Flr. 1	2	B	Res.	67	61	62	61	61	52	9
BO-22	184 W Bay Av, Row 2 Flr. 1	2	B	Res.	67	65	65	65	65	NA	NA
BO-23	183 W Bay Av, Row 2 Flr. 1	1	B	Res.	67	64	65	64	65	55	9
BO-24	177 W Bay Av, Row 2 Flr. 1	1	B	Res.	67	62	63	63	63	NA	NA
BO-25	8965 Saint George Av, Row 2 Flr. 1	2	B	Res.	67	61	62	62	62	NA	NA
BO-26	9108 Mace Arch, Row 3 Flr. 1	1	B	Res.	67	62	62	62	62	54	9
BO-27	9119 Mace Av, Row 3 Flr. 1	3	B	Res.	67	61	62	61	62	54	8
BO-28	183 W Randall Av, Row 3 Flr. 1	3	B	Res.	67	56	57	57	58	50	8
BO-29	182 W Leicester Av, Row 3 Flr. 1	3	B	Res.	67	57	58	58	58	50	9
BO-30	185 W Leicester Av, Row 3 Flr. 1	2	B	Res.	67	58	59	59	59	51	8
BO-31	186 W Ocean Av, Row 3 Flr. 1	3	B	Res.	67	60	61	60	61	52	9
BO-32	169 W Ocean Av, Row 3 Flr. 1	4	B	Res.	67	58	59	58	58	50	9
BO-33	176 W Bay Av, Row 3 Flr. 1	2	B	Res.	67	63	64	63	63	NA	NA
BO-34	8973 Saint George Av, Row 3 Flr. 1	2	B	Res.	67	61	62	61	62	NA	NA
BO-35	195 W Lorengo Av, Row 4 Flr. 1	1	B	Res.	67	59	59	59	60	52	8
BO-36	190 W Randall Av, Row 4 Flr. 1	2	B	Res.	67	57	58	58	58	50	9
BO-37	171 W Randall Av, Row 4 Flr. 1	3	B	Res.	67	54	55	55	55	48	7
BO-38	168 W Leicester Av, Row 4 Flr. 1	3	B	Res.	67	55	56	56	56	49	8
BO-39	171 W Leicester Av, Row 4 Flr. 1	3	B	Res.	67	56	56	56	57	49	8
BO-40	172 W Ocean Av, Row 4 Flr. 1	3	B	Res.	67	57	58	58	59	50	9
BO-41	168 W Bay Av, Row 4 Flr. 1	2	B	Res.	67	62	62	62	62	NA	NA
BO-42	183 W Lorengo Av, Row 5 Flr. 1	3	B	Res.	67	55	56	56	56	50	7
BO-43	182 W Randall Av, Row 5 Flr. 1	3	B	Res.	67	56	56	56	56	50	7
BO-44	171 W Lorengo Av, Row 6 Flr. 1	3	B	Res.	67	54	55	55	55	48	7
BO-45	170 W Randall Av, Row 6 Flr. 1	2	B	Res.	67	54	55	55	55	48	7
BP-1	199 W Bay Av, Row 1 Flr. 1	2	B	Res.	67	63	64	63	64	NA	NA
BP-2	199 W Bay Av, Row 1 Flr. 1	2	B	Res.	67	60	61	61	61	NA	NA
BP-3	199 W Bay Av, Row 2 Flr. 1	4	B	Res.	67	62	63	62	62	NA	NA
BP-4	199 W Bay Av, Row 2 Flr. 1	4	B	Res.	67	59	60	60	60	NA	NA
BP-5	199 W Bay Av, Row 2 Flr. 1	2	B	Res.	67	52	53	53	53	NA	NA
BP-6	199 W Bay Av, Row 3 Flr. 1	4	B	Res.	67	60	61	60	61	NA	NA
BP-7	199 W Bay Av, Row 3 Flr. 1	6	B	Res.	67	56	57	57	57	NA	NA

Table C-2 Predicted Noise Levels for I-64 in Norfolk

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative B		
									No-Barrier	With-Barrier	IL
BP-8	199 W Bay Av, Row 3 Flr. 1	4	B	Res.	67	54	54	55	55	NA	NA
BP-9	199 W Bay Av, Row 4 Flr. 1	2	B	Res.	67	59	60	60	60	NA	NA
BP-10	199 W Bay Av, Row 4 Flr. 1	2	B	Res.	67	56	57	57	57	NA	NA
BP-11	199 W Bay Av, Row 4 Flr. 1	4	B	Res.	67	54	55	55	55	NA	NA
BP-12	199 W Bay Av, Row 4 Flr. 1	4	B	Res.	67	52	53	53	53	NA	NA
BP-13	199 W Bay Av, Row 5 Flr. 1	4	B	Res.	67	59	59	59	59	NA	NA
BP-14	199 W Bay Av, Row 5 Flr. 1	2	B	Res.	67	55	55	56	56	NA	NA
BP-15	199 W Bay Av, Row 5 Flr. 1	4	B	Res.	67	52	53	53	54	NA	NA
BP-16	199 W Bay Av, Row 5 Flr. 1	6	B	Res.	67	50	51	51	52	NA	NA
BP-17	199 W Bay Av, Row 6 Flr. 1	4	B	Res.	67	58	58	58	58	NA	NA
BP-18	199 W Bay Av, Row 6 Flr. 1	4	B	Res.	67	54	54	54	54	NA	NA
BP-19	199 W Bay Av, Row 6 Flr. 1	6	B	Res.	67	50	51	52	52	NA	NA
BP-20	199 W Bay Av, Row 7 Flr. 1	4	B	Res.	67	57	57	57	57	NA	NA
BP-21	199 W Bay Av, Row 7 Flr. 1	6	B	Res.	67	52	53	53	53	NA	NA
BQ-1	198 Commodore Dr, Row 1 Flr. 1	1	B	Res.	67	66	67	68	68	59	9
BQ-2	194 Commodore Dr, Row 1 Flr. 1	1	B	Res.	67	67	68	69	69	58	11
BQ-3	192 Commodore Dr, Row 1 Flr. 1	1	B	Res.	67	67	67	68	69	58	11
BQ-4	190 Commodore Dr, Row 1 Flr. 1	1	B	Res.	67	56	57	58	58	NA	NA
BQ-5	186 Commodore Dr, Row 1 Flr. 1	1	B	Res.	67	57	58	59	59	NA	NA
BQ-6	184 Commodore Dr, Row 1 Flr. 1	1	B	Res.	67	57	58	59	59	NA	NA
BQ-7	180 Commodore Dr, Row 1 Flr. 1	1	B	Res.	67	57	58	59	60	NA	NA
BQ-8	178 Commodore Dr, Row 1 Flr. 1	1	B	Res.	67	57	58	58	58	NA	NA
BQ-9	176 Commodore Dr, Row 1 Flr. 1	1	B	Res.	67	57	58	58	58	NA	NA
BQ-10	174 Commodore Dr, Row 1 Flr. 1	1	B	Res.	67	57	58	58	59	NA	NA
BQ-11	172 Commodore Dr, Row 1 Flr. 1	1	B	Res.	67	56	57	57	57	NA	NA
BQ-12	160 Commodore Dr, Row 1 Flr. 1	1	B	Res.	67	58	59	59	59	NA	NA
BQ-13	165 Commodore Dr, Row 1 Flr. 1	1	B	Res.	67	58	59	59	59	NA	NA
BQ-14	158 Burrage Rd, Row 1 Flr. 1	1	B	Res.	67	59	59	59	60	NA	NA
BQ-15	157 Burrage Road, Row 1 Flr. 1	0	B	Res.	67	57	58	58	59	NA	NA
BQ-16	159 Burrage Rd, Row 1 Flr. 1	1	B	Res.	67	57	57	58	58	NA	NA
BQ-17	157 Burrage Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	59	59	NA	NA
BQ-18	154 Rodman Rd, Row 1 Flr. 1	1	B	Res.	67	57	58	58	59	NA	NA
BQ-19	152 Rodman Rd, Row 1 Flr. 1	1	B	Res.	67	59	60	60	60	NA	NA
BQ-20	153 Rodman Rd, Row 1 Flr. 1	1	B	Res.	67	59	59	59	60	NA	NA
BQ-21	150 Swanson Rd, Row 1 Flr. 1	1	B	Res.	67	57	58	58	58	NA	NA
BQ-22	148 Swanson Rd, Row 1 Flr. 1	1	B	Res.	67	59	60	60	60	NA	NA
BQ-23	149 Swanson Rd, Row 1 Flr. 1	1	B	Res.	67	57	58	58	58	NA	NA

Table C-2 Predicted Noise Levels for I-64 in Norfolk

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative B		
									No-Barrier	With-Barrier	IL
BQ-24	8709 Executive Dr, Row 1 Flr. 1	1	B	Res.	67	59	59	59	60	NA	NA
BQ-25	8707 Executive Dr, Row 1 Flr. 1	1	B	Res.	67	58	59	59	60	NA	NA
BQ-26	140 W Evans St, Row 1 Flr. 1	1	B	Res.	67	58	59	59	59	NA	NA
BQ-27	141 W Evans St, Row 1 Flr. 1	1	B	Res.	67	58	59	59	59	NA	NA
BQ-28	N S Lembla St, Row 1 Flr. 1	1	B	Res.	67	60	61	60	61	NA	NA
BQ-29	137 Lembla St, Row 1 Flr. 1	1	B	Res.	67	60	61	61	61	NA	NA
BQ-30	134 W Bayview Blvd, Row 1 Flr. 1	1	B	Res.	67	60	61	61	61	NA	NA
BQ-31	8831 Commodore Dr, Row 2 Flr. 1	1	B	Res.	67	64	65	66	66	61	6
BQ-32	8829 Commodore Dr, Row 2 Flr. 1	1	B	Res.	67	61	61	63	63	NA	NA
BQ-33	193 Commodore Dr, Row 2 Flr. 1	2	B	Res.	67	61	62	63	63	NA	NA
BQ-34	189 Commodore Dr, Row 2 Flr. 1	2	B	Res.	67	60	61	62	63	NA	NA
BQ-35	185 Commodore Dr, Row 2 Flr. 1	3	B	Res.	67	59	59	61	61	NA	NA
BQ-36	179 Commodore Dr, Row 2 Flr. 1	3	B	Res.	67	56	57	59	59	NA	NA
BQ-37	170 Commodore Dr, Row 2 Flr. 1	1	B	Res.	67	56	57	57	57	NA	NA
BQ-38	167 Commodore Dr, Row 2 Flr. 1	1	B	Res.	67	55	56	56	57	NA	NA
BQ-39	160 Burrage Rd, Row 2 Flr. 1	1	B	Res.	67	56	57	57	57	NA	NA
BQ-40	161 Burrage Rd, Row 2 Flr. 1	1	B	Res.	67	55	56	56	56	NA	NA
BQ-41	156 Rodman Rd, Row 2 Flr. 1	1	B	Res.	67	56	57	57	57	NA	NA
BQ-42	155 Rodman Rd, Row 2 Flr. 1	1	B	Res.	67	56	57	57	57	NA	NA
BQ-43	152 Swanson Rd, Row 2 Flr. 1	1	B	Res.	67	55	56	56	57	NA	NA
BQ-44	151 Swanson Rd, Row 2 Flr. 1	1	B	Res.	67	56	56	57	57	NA	NA
BQ-45	144 W Evans St, Row 2 Flr. 1	1	B	Res.	67	57	58	58	58	NA	NA
BQ-46	145 W Evans St, Row 2 Flr. 1	1	B	Res.	67	56	56	57	57	NA	NA
BQ-47	8621 Executive Dr, Row 2 Flr. 1	1	B	Res.	67	58	58	58	59	NA	NA
BQ-48	144 Lembla St, Row 2 Flr. 1	1	B	Res.	67	55	56	56	56	NA	NA
BQ-49	8609 Executive Dr, Row 2 Flr. 1	2	B	Res.	67	57	58	58	58	NA	NA
BQ-50	140 W Bayview Blvd, Row 2 Flr. 1	1	B	Res.	67	57	58	58	58	NA	NA
BQ-51	173 Commodore Dr, Row 3 Flr. 1	2	B	Res.	67	55	56	58	58	NA	NA
BQ-52	169 Commodore Dr, Row 3 Flr. 1	2	B	Res.	67	54	55	57	57	NA	NA
BQ-53	164 Burrage Rd, Row 3 Flr. 1	1	B	Res.	67	54	55	55	55	NA	NA
BQ-54	163 Burrage Rd, Row 3 Flr. 1	2	B	Res.	67	54	55	55	55	NA	NA
BQ-55	158 Rodman Rd, Row 3 Flr. 1	1	B	Res.	67	54	55	55	55	NA	NA
BQ-56	157 Rodman Rd, Row 3 Flr. 1	1	B	Res.	67	55	56	56	56	NA	NA
BQ-57	154 Swanson Rd, Row 3 Flr. 1	1	B	Res.	67	54	55	55	55	NA	NA
BQ-58	153 Swanson Rd, Row 3 Flr. 1	1	B	Res.	67	55	56	56	56	NA	NA
BQ-59	148 W Evans St, Row 3 Flr. 1	1	B	Res.	67	55	56	56	56	NA	NA
BQ-60	149 W Evans St, Row 3 Flr. 1	1	B	Res.	67	55	56	56	56	NA	NA

Table C-2 Predicted Noise Levels for I-64 in Norfolk

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative B		
									No-Barrier	With-Barrier	IL
BQ-61	148 Lembla St, Row 3 Flr. 1	1	B	Res.	67	55	56	56	56	NA	NA
BQ-62	147 Lembla St, Row 3 Flr. 1	1	B	Res.	67	55	55	56	56	NA	NA
BQ-63	144 W Bayview Blvd, Row 3 Flr. 1	1	B	Res.	67	56	57	56	56	NA	NA
BQ-64	164 Burrage Rd, Row 4 Flr. 1	2	B	Res.	67	54	55	55	56	NA	NA
BQ-65	165 Burrage Rd, Row 4 Flr. 1	1	B	Res.	67	53	54	54	54	NA	NA
BQ-66	160 Rodman Rd, Row 4 Flr. 1	2	B	Res.	67	53	54	54	55	NA	NA
BQ-67	159 Rodman Rd, Row 4 Flr. 1	2	B	Res.	67	53	54	54	54	NA	NA
BQ-68	156 Swanson Rd, Row 4 Flr. 1	1	B	Res.	67	54	54	54	55	NA	NA
BQ-69	155 Swanson Rd, Row 4 Flr. 1	1	B	Res.	67	54	55	55	55	NA	NA
BQ-70	152 W Evans St, Row 4 Flr. 1	2	B	Res.	67	54	54	54	55	NA	NA
BQ-71	153 W Evans St, Row 4 Flr. 1	1	B	Res.	67	54	55	55	55	NA	NA
BQ-72	150 Lembla St, Row 4 Flr. 1	1	B	Res.	67	54	55	55	55	NA	NA
BQ-73	151 Lembla St, Row 4 Flr. 1	1	B	Res.	67	54	55	55	55	NA	NA
BQ-74	148 W Bayview Blvd, Row 4 Flr. 1	1	B	Res.	67	56	57	56	56	NA	NA
BR-1	8598 Executive Dr, Row 1 Flr. 1	1	B	Res.	67	60	61	61	61	NA	NA
BR-2	133 W Bayview Blvd, Row 1 Flr. 1	1	B	Res.	67	61	62	62	62	NA	NA
BR-3	8594 Executive Dr, Row 1 Flr. 1	1	B	Res.	67	59	60	60	60	NA	NA
BR-4	8586 Executive Dr, Row 1 Flr. 1	2	B	Res.	67	59	59	60	60	NA	NA
BR-5	8580 Executive Dr, Row 1 Flr. 1	1	B	Res.	67	57	58	58	59	NA	NA
BR-6	8576 Executive Dr, Row 1 Flr. 1	5	B	Res.	67	63	64	60	61	NA	NA
BR-7	8562 Executive Dr, Row 1 Flr. 1	8	B	Res.	67	64	65	65	66	59	7
BR-8	8554 Executive Dr, Row 1 Flr. 1	20	B	Res.	67	71	72	68	69	61	8
BR-9	Executive Manor Apts, Row 1 Flr. 1	0	B	Res.	67	69	70	66	66	58	8
BR-10	143 W Bayview Blvd, Row 2 Flr. 1	1	B	Res.	67	58	58	58	58	NA	NA
BR-11	140 Blades St, Row 2 Flr. 1	1	B	Res.	67	59	59	58	58	NA	NA
BR-12	141 Blades St, Row 2 Flr. 1	1	B	Res.	67	59	60	60	60	NA	NA
BR-13	147 W Bayview Blvd, Row 3 Flr. 1	1	B	Res.	67	57	58	56	57	NA	NA
BR-14	142 Blades St, Row 3 Flr. 1	1	B	Res.	67	58	59	57	57	NA	NA
BR-15	147 Blades St, Row 3 Flr. 1	1	B	Res.	67	59	59	59	59	NA	NA
BR-16	8562 Executive Dr, Row 3 Flr. 1	4	B	Res.	67	60	61	60	61	55	6
BR-17	8562 Executive Dr, Row 3 Flr. 2	4	B	Res.	67	66	67	66	66	59	7
BR-18	8562 Executive Dr, Row 3 Flr. 1	4	B	Res.	67	60	60	60	60	55	5
BR-19	8562 Executive Dr, Row 3 Flr. 2	4	B	Res.	67	67	68	66	66	58	9
BR-20	146 Blades St, Row 4 Flr. 1	1	B	Res.	67	58	59	58	58	NA	NA
BR-21	151 Blades St, Row 4 Flr. 1	1	B	Res.	67	59	60	59	59	NA	NA
BS-1	Military Baseball Field, Row 1	1	C	Rec.	67	65	66	66	66	57	9
BS-2	Military Baseball Field, Row 1	1	C	Rec.	67	66	67	67	67	57	9

Table C-2 Predicted Noise Levels for I-64 in Norfolk

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative B		
									No-Barrier	With-Barrier	IL
BS-3	Military Baseball Field, Row 1	1	C	Rec.	67	64	65	65	65	56	9
BS-4	Military Baseball Field, Row 1	1	C	Rec.	67	65	66	66	66	57	10
BS-5	Military Baseball Field, Row 1	1	C	Rec.	67	63	64	64	65	56	9
BS-6	Military Baseball Field, Row 1	1	C	Rec.	67	65	65	65	66	57	10
BS-7	Military Baseball Field, Row 1	1	C	Rec.	67	62	63	64	64	56	9
BS-8	Military Baseball Field, Row 1	1	C	Rec.	67	64	65	65	65	56	10
BS-9	Military Baseball Field, Row 2	1	C	Rec.	67	63	64	64	65	55	8
BS-10	Military Baseball Field, Row 2	1	C	Rec.	67	64	65	66	66	56	8
BS-11	Military Baseball Field, Row 2	1	C	Rec.	67	62	63	64	64	55	8
BS-12	Military Baseball Field, Row 2	1	C	Rec.	67	64	64	65	65	56	9
BS-13	Military Baseball Field, Row 2	1	C	Rec.	67	61	62	63	63	55	9
BS-14	Military Baseball Field, Row 2	1	C	Rec.	67	63	64	64	64	55	9
BS-15	Military Baseball Field, Row 2	1	C	Rec.	67	61	62	63	63	54	9
BS-16	Military Baseball Field, Row 2	1	C	Rec.	67	62	63	63	64	55	9
BS-17	Military Baseball Field, Row 2	1	C	Rec.	67	61	61	62	62	54	9
BS-18	Military Baseball Field, Row 2	1	C	Rec.	67	61	62	63	63	55	9
BS-19	Military Baseball Field, Row 3	1	C	Rec.	67	61	62	63	63	54	8
BS-20	Military Baseball Field, Row 3	1	C	Rec.	67	60	61	61	61	53	8
BS-21	Military Baseball Field, Row 3	1	C	Rec.	67	60	61	62	62	54	8
BS-22	Military Baseball Field, Row 3	1	C	Rec.	67	60	61	61	61	53	8
BS-23	Military Baseball Field, Row 3	1	C	Rec.	67	60	61	62	62	54	8
BS-24	Military Baseball Field, Row 3	1	C	Rec.	67	60	60	60	60	53	8
BS-25	Military Baseball Field, Row 3	1	C	Rec.	67	60	61	61	61	54	8
BT-1	Military Baseball Field, Row 1	1	C	Rec.	67	63	64	64	64	58	6
BT-2	Military Baseball Field, Row 1	1	C	Rec.	67	66	66	66	67	59	8
BT-3	Military Baseball Field, Row 1	1	C	Rec.	67	64	64	64	64	58	6
BT-4	Military Baseball Field, Row 1	1	C	Rec.	67	65	66	66	66	58	9
BT-5	Military Baseball Field, Row 1	1	C	Rec.	67	64	64	65	65	58	6
BT-6	Military Baseball Field, Row 1	1	C	Rec.	67	66	66	66	67	58	8
BT-7	Military Baseball Field, Row 1	1	C	Rec.	67	64	65	65	65	59	7
BT-8	Military Baseball Field, Row 1	1	C	Rec.	67	66	66	66	67	58	9
BT-9	Military Baseball Field, Row 1	1	C	Rec.	67	64	65	66	66	58	7
BT-10	Military Baseball Field, Row 1	1	C	Rec.	67	67	67	67	67	58	9
BT-11	Military Baseball Field, Row 1	1	C	Rec.	67	63	63	65	65	59	6
BT-12	Military Baseball Field, Row 2	1	C	Rec.	67	61	61	62	62	58	4
BT-13	Military Baseball Field, Row 2	1	C	Rec.	67	62	63	63	63	58	5
BT-14	Military Baseball Field, Row 2	1	C	Rec.	67	61	62	62	62	58	4

Table C-2 Predicted Noise Levels for I-64 in Norfolk

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative B		
									No-Barrier	With-Barrier	IL
BT-15	Military Baseball Field, Row 2	1	C	Rec.	67	62	63	63	63	58	5
BT-16	Military Baseball Field, Row 2	1	C	Rec.	67	61	62	63	63	58	5
BT-17	Military Baseball Field, Row 2	1	C	Rec.	67	62	63	64	63	58	5
BT-18	Military Baseball Field, Row 2	1	C	Rec.	67	62	62	64	63	58	5
BT-19	Military Baseball Field, Row 2	1	C	Rec.	67	63	63	64	64	58	6
BT-20	Military Baseball Field, Row 2	1	C	Rec.	67	63	64	65	65	58	6
BU-1	158 W Chester St, Row 1 Flr. 1	1	B	Res.	67	64	65	65	65	NA	NA
BU-2	156 W Chester St, Row 1 Flr. 1	1	B	Res.	67	61	62	62	62	NA	NA
BU-3	155 W Chester St, Row 1 Flr. 1	1	B	Res.	67	59	60	60	60	NA	NA
BU-4	153 W Chester St, Row 1 Flr. 1	1	B	Res.	67	59	59	60	60	NA	NA
BU-5	147 Commodore Pl, Row 1 Flr. 1	1	B	Res.	67	59	60	60	60	NA	NA
BU-6	149 Commodore Pl, Row 1 Flr. 1	1	B	Res.	67	59	60	60	61	NA	NA
BU-7	151 Commodore Pl, Row 1 Flr. 1	1	B	Res.	67	59	60	60	60	NA	NA
BU-8	153 Commodore Pl, Row 1 Flr. 1	1	B	Res.	67	59	60	60	60	NA	NA
BU-9	146 Burrage Rd, Row 1 Flr. 1	1	B	Res.	67	59	60	59	60	NA	NA
BU-10	145 Burrage Rd, Row 1 Flr. 1	1	B	Res.	67	59	60	60	61	NA	NA
BU-11	Behind 145 Burrage Road, Row 1 Flr. 1	0	B	Res.	67	60	60	60	61	NA	NA
BU-12	8724 Gramel St, Row 1 Flr. 1	1	B	Res.	67	58	59	59	59	NA	NA
BU-13	8722 Gramel St, Row 1 Flr. 1	1	B	Res.	67	58	59	59	59	NA	NA
BU-14	8720 Gramel St, Row 1 Flr. 1	1	B	Res.	67	58	59	59	59	NA	NA
BU-15	8717 Semmes Av, Row 1 Flr. 1	1	B	Res.	67	57	58	58	58	NA	NA
BU-16	8715 Semmes Av, Row 1 Flr. 1	1	B	Res.	67	58	58	58	59	NA	NA
BU-17	8713 Semmes Av, Row 1 Flr. 1	1	B	Res.	67	58	58	58	59	NA	NA
BU-18	8711 Semmes Av, Row 1 Flr. 1	1	B	Res.	67	58	59	59	59	NA	NA
BU-19	119 Landale Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	59	59	NA	NA
BU-20	116 W Evans St, Row 1 Flr. 1	1	B	Res.	67	58	59	59	59	NA	NA
BU-21	111 W Evans St, Row 1 Flr. 1	1	B	Res.	67	60	60	60	60	NA	NA
BU-22	N S Cap La, Row 1 Flr. 1	1	B	Res.	67	61	62	62	62	NA	NA
BU-23	101 Cap La, Row 1 Flr. 1	1	B	Res.	67	63	64	63	64	NA	NA
BU-24	8611 Granby St, Row 1 Flr. 1	1	B	Res.	67	64	65	65	65	NA	NA
BU-25	104 W Bayview Blvd, Row 1 Flr. 1	1	B	Res.	67	65	66	66	66	60	6
BU-26	154 W Chester St, Row 2 Flr. 1	1	B	Res.	67	61	62	62	62	NA	NA
BU-27	143 Commodore Pl, Row 2 Flr. 1	1	B	Res.	67	60	61	61	61	NA	NA
BU-28	145 Commodore Pl, Row 2 Flr. 1	1	B	Res.	67	60	61	61	61	NA	NA
BU-29	8817 Gramel St, Row 2 Flr. 1	2	B	Res.	67	56	57	57	57	NA	NA
BU-30	8809 Gramel St, Row 2 Flr. 1	2	B	Res.	67	57	58	58	58	NA	NA
BU-31	8805 Gramel St, Row 2 Flr. 1	1	B	Res.	67	57	58	58	58	NA	NA

Table C-2 Predicted Noise Levels for I-64 in Norfolk

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative B		
									No-Barrier	With-Barrier	IL
BU-32	8801 Gramel St, Row 2 Flr. 1	1	B	Res.	67	58	58	59	59	NA	NA
BU-33	8804 Gramel St, Row 2 Flr. 1	1	B	Res.	67	56	57	57	57	NA	NA
BU-34	8802 Gramel St, Row 2 Flr. 1	1	B	Res.	67	57	57	57	58	NA	NA
BU-35	8800 Gramel St, Row 2 Flr. 1	1	B	Res.	67	57	58	58	58	NA	NA
BU-36	8723 Semmes Av, Row 2 Flr. 1	1	B	Res.	67	57	57	57	58	NA	NA
BU-37	8719 Semmes Av, Row 2 Flr. 1	2	B	Res.	67	57	57	58	58	NA	NA
BU-38	8718 Semmes Av, Row 2 Flr. 1	2	B	Res.	67	56	57	57	57	NA	NA
BU-39	8714 Semmes Av, Row 2 Flr. 1	1	B	Res.	67	56	57	57	57	NA	NA
BU-40	115 Landale Rd, Row 2 Flr. 1	1	B	Res.	67	58	58	58	59	NA	NA
BU-41	112 W Evans St, Row 2 Flr. 1	1	B	Res.	67	59	60	59	60	NA	NA
BU-42	107 W Evans St, Row 2 Flr. 1	1	B	Res.	67	61	62	61	62	NA	NA
BU-43	8629 Granby St, Row 2 Flr. 1	1	B	Res.	67	66	66	66	66	NA	NA
BU-44	8621 Granby St, Row 2 Flr. 1	1	B	Res.	67	65	65	65	65	NA	NA
BU-45	100 W Bayview Blvd, Row 2 Flr. 1	1	B	Res.	67	68	69	68	68	65	3
BU-46	150 W Chester St, Row 3 Flr. 1	2	B	Res.	67	60	61	60	61	NA	NA
BU-47	8819 Gramel St, Row 3 Flr. 1	1	B	Res.	67	58	59	59	59	NA	NA
BU-48	8808 Gramel St, Row 3 Flr. 1	2	B	Res.	67	55	56	56	56	NA	NA
BU-49	8806 Gramel St, Row 3 Flr. 1	1	B	Res.	67	56	57	56	57	NA	NA
BU-50	8803 Semmes Av, Row 3 Flr. 1	2	B	Res.	67	55	56	56	56	NA	NA
BU-51	N S Semmes Av, Row 3 Flr. 1	1	B	Res.	67	57	57	57	57	NA	NA
BU-52	8722 Semmes Av, Row 3 Flr. 1	3	B	Res.	67	57	58	57	57	NA	NA
BU-53	8715 Granby St, Row 3 Flr. 1	2	B	Res.	67	62	62	61	62	NA	NA
BU-54	8711 Granby St, Row 3 Flr. 1	1	B	Res.	67	60	60	60	60	NA	NA
BU-55	111 Landale Rd, Row 3 Flr. 1	1	B	Res.	67	60	60	59	60	NA	NA
BU-56	8701 Granby St, Row 3 Flr. 1	2	B	Res.	67	62	62	62	62	NA	NA
BU-57	8620 Granby St, Row 3 Flr. 1	2	B	Res.	67	67	67	65	66	NA	NA
BU-58	First Church Of God, Row 3 Flr. 1	1	D	Int.	52	41	41	39	40	NA	NA
BU-59	148 W Chester St, Row 4 Flr. 1	1	B	Res.	67	59	60	60	60	NA	NA
BU-60	8707 Granby St, Row 4 Flr. 1	2	B	Res.	67	62	62	61	62	NA	NA
BV-1	101 W Bayview Blvd, Row 1 Flr. 1	1	B	Res.	67	68	69	70	70	62	7
BV-2	8591 Granby St, Row 1 Flr. 1	1	B	Res.	67	68	69	69	69	62	7
BV-3	8587 Granby St, Row 1 Flr. 1	1	B	Res.	67	68	69	68	69	62	7
BV-4	8587 Granby Street, Row 1 Flr. 1	0	B	Res.	67	68	69	69	69	62	6
BV-5	8585 Granby St, Row 1 Flr. 1	1	B	Res.	67	68	69	69	69	63	6
BV-6	8577 Granby St, Row 1 Flr. 1	1	B	Res.	67	69	69	68	69	65	4
BV-7	8562 Granby St, Row 1 Flr. 1	1	B	Res.	67	68	69	67	67	NA	NA
BV-8	8552 Granby St, Row 1 Flr. 1	1	B	Res.	67	69	69	67	68	NA	NA

Table C-2 Predicted Noise Levels for I-64 in Norfolk

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative B		
									No-Barrier	With-Barrier	IL
BV-9	8548 Granby St, Row 1 Flr. 1	1	B	Res.	67	70	70	68	68	NA	NA
BV-10	8540 Granby St, Row 1 Flr. 1	1	B	Res.	67	70	70	67	68	NA	NA
BV-11	8592 Granby St, Row 2 Flr. 1	1	B	Res.	67	67	68	66	67	NA	NA
BV-12	8580 Granby St, Row 2 Flr. 1	1	B	Res.	67	69	69	68	68	NA	NA
BV-13	8576 Granby St, Row 2 Flr. 1	1	B	Res.	67	68	68	67	67	NA	NA
BV-14	8568 Granby St, Row 2 Flr. 1	1	B	Res.	67	68	69	67	68	NA	NA
BV-15	8562 Granby St, Row 2 Flr. 1	1	B	Res.	67	62	63	61	62	NA	NA
BV-16	8556 Granby St, Row 2 Flr. 1	1	B	Res.	67	63	63	62	62	NA	NA
BV-17	8544 Granby St, Row 2 Flr. 1	1	B	Res.	67	63	64	62	62	NA	NA
BV-18	109 E Bayview Blvd, Row 3 Flr. 1	1	B	Res.	67	63	63	62	63	NA	NA
BV-19	8584 Granby St, Row 3 Flr. 1	1	B	Res.	67	60	61	60	61	NA	NA
BW-1	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	67	67	67	68	64	4
BW-2	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	66	66	66	66	59	7
BW-3	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	67	67	68	68	64	4
BW-4	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	65	66	66	66	59	7
BW-5	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	67	67	67	68	64	4
BW-6	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	65	66	66	66	59	7
BW-7	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	67	67	67	68	64	4
BW-8	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	65	65	65	66	60	5
BW-9	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	67	67	67	68	64	4
BW-10	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	64	65	65	65	60	6
BW-11	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	67	67	67	68	64	4
BW-12	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	65	65	65	66	60	6
BW-13	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	67	67	67	67	64	4
BW-14	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	64	65	65	65	59	6
BW-15	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	67	67	67	68	64	4
BW-16	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	64	65	65	65	59	6
BW-17	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	67	68	67	68	64	4
BW-18	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	64	65	65	65	59	6
BW-19	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	67	68	68	68	64	4
BW-20	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	65	66	65	65	59	6
BW-21	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	68	69	68	69	65	3
BW-22	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	65	66	65	66	60	6
BW-23	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	68	69	68	69	65	4
BW-24	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	65	66	65	66	60	6
BW-25	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	68	69	68	69	65	4
BW-26	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	65	66	66	66	60	6

Table C-2 Predicted Noise Levels for I-64 in Norfolk

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative B		
									No-Barrier	With-Barrier	IL
BW-27	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	68	69	68	69	65	4
BW-28	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	65	66	65	66	60	6
BW-29	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	69	69	68	69	65	3
BW-30	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	65	66	65	66	60	6
BW-31	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	68	69	68	69	65	3
BW-32	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	65	65	65	65	60	6
BW-33	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	68	69	68	68	65	3
BW-34	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	65	65	65	65	60	6
BW-35	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	68	69	68	68	65	3
BW-36	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	65	65	65	65	60	6
BW-37	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	68	69	68	68	65	3
BW-38	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	68	68	68	68	65	3
BW-39	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	65	65	65	65	60	5
BW-40	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	68	68	68	68	65	3
BW-41	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	65	65	65	65	60	5
BW-42	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	68	68	68	68	65	3
BW-43	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	65	65	65	65	60	5
BW-44	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	68	68	68	68	65	3
BW-45	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	65	65	65	65	60	5
BW-46	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	68	68	68	68	65	3
BW-47	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	65	65	65	65	60	5
BW-48	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	68	68	67	68	65	3
BW-49	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	65	65	65	65	60	5
BW-50	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	67	68	67	68	65	3
BW-51	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	64	65	64	65	60	5
BW-52	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	68	68	67	68	65	3
BW-53	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	64	65	65	65	60	5
BW-54	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	68	68	67	68	65	3
BW-55	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	64	65	65	65	61	4
BW-56	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	67	68	67	67	65	2
BW-57	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	64	65	65	65	61	4
BW-58	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	67	67	67	67	65	2
BW-59	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	67	67	67	67	65	3
BW-60	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	64	65	64	65	60	5
BW-61	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	67	68	67	67	65	2
BW-62	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	65	65	65	65	62	3
BW-63	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	68	68	67	67	62	5

Table C-2 Predicted Noise Levels for I-64 in Norfolk

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative B		
									No-Barrier	With-Barrier	IL
BW-64	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	65	66	65	65	61	4
BW-65	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	66	67	65	65	60	5
BW-66	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	66	67	66	66	58	8
BW-67	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	65	66	65	65	59	6
BW-68	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	65	66	65	66	58	8
BW-69	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	65	65	65	65	58	7
BW-70	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	65	66	66	66	57	9
BW-71	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	64	65	65	65	57	8
BW-72	E S Granby St, Row 1 Flr. 1	1	C	Rec.	67	65	66	66	66	57	9
BW-73	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	65	65	65	66	57	8
BW-74	E S Granby St, Row 1 Flr. 1	1	C	Rec.	67	66	66	67	67	57	10
BW-75	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	65	66	66	66	57	9
BW-76	E S Granby St, Row 1 Flr. 1	1	C	Rec.	67	66	67	68	68	57	10
BW-77	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	66	66	67	67	58	9
BW-78	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	68	69	69	69	58	12
BW-79	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	67	67	68	68	58	11
BW-80	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	66	67	67	67	58	10
BW-81	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	68	68	69	69	58	11
BW-82	8100 Granby St, Row 1 Flr. 1	1	C	Rec.	67	67	67	68	68	58	10
BW-83	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	64	65	65	65	58	7
BW-84	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	64	65	65	65	58	7
BW-85	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	63	64	64	64	58	7
BW-86	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	63	64	64	64	57	7
BW-87	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	63	64	64	64	57	7
BW-88	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	63	64	64	64	57	7
BW-89	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	64	64	64	64	57	7
BW-90	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	64	64	64	64	57	7
BW-91	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	63	64	64	64	57	7
BW-92	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	63	64	64	64	57	7
BW-93	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	63	64	63	64	57	7
BW-94	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	63	64	63	64	57	7
BW-95	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	63	64	63	63	57	7
BW-96	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	63	63	63	63	57	6
BW-97	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	62	63	63	63	57	6
BW-98	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	62	63	63	63	57	6
BW-99	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	62	63	63	63	57	6
BW-100	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	62	63	63	63	57	6

Table C-2 Predicted Noise Levels for I-64 in Norfolk

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative B		
									No-Barrier	With-Barrier	IL
BW-101	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	62	63	63	63	57	6
BW-102	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	62	63	63	63	57	6
BW-103	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	62	63	63	63	58	6
BW-104	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	62	63	63	63	58	5
BW-105	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	62	62	62	62	56	6
BW-106	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	62	62	62	62	56	6
BW-107	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	63	64	63	64	58	6
BW-108	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	62	62	62	62	56	6
BW-109	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	62	63	63	63	56	6
BW-110	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	63	64	64	64	61	3
BW-111	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	64	65	64	64	60	4
BW-112	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	63	64	63	63	60	4
BW-113	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	64	65	64	64	59	5
BW-114	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	63	64	64	64	59	5
BW-115	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	64	65	64	64	58	6
BW-116	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	63	64	63	63	58	6
BW-117	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	63	63	63	63	57	6
BW-118	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	64	64	64	64	57	7
BW-119	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	63	63	63	64	57	6
BW-120	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	64	65	65	65	57	8
BW-121	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	63	64	64	64	57	7
BW-122	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	64	65	65	65	57	8
BW-123	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	64	65	66	66	57	8
BW-124	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	64	64	65	65	57	8
BW-125	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	65	66	66	66	58	9
BW-126	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	64	64	65	65	57	8
BW-127	8100 Granby St, Row 2 Flr. 1	1	C	Rec.	67	65	66	66	66	57	9
BW-128	8100 Granby St, Row 3 Flr. 1	1	C	Rec.	67	61	62	62	62	56	6
BW-129	8100 Granby St, Row 3 Flr. 1	1	C	Rec.	67	61	62	62	62	55	7
BW-130	8100 Granby St, Row 3 Flr. 1	1	C	Rec.	67	62	63	62	62	59	4
BW-131	8100 Granby St, Row 3 Flr. 1	1	C	Rec.	67	62	63	63	63	58	5
BW-132	8100 Granby St, Row 3 Flr. 1	1	C	Rec.	67	61	62	62	62	58	4
BW-133	8100 Granby St, Row 3 Flr. 1	1	C	Rec.	67	62	63	62	63	58	5
BW-134	8100 Granby St, Row 3 Flr. 1	1	C	Rec.	67	62	62	63	63	57	6
BW-135	8100 Granby St, Row 3 Flr. 1	1	C	Rec.	67	62	63	63	63	57	6
BW-136	8100 Granby St, Row 3 Flr. 1	1	C	Rec.	67	63	63	64	64	57	6
BW-137	8100 Granby St, Row 3 Flr. 1	1	C	Rec.	67	62	62	63	63	58	5

Table C-2 Predicted Noise Levels for I-64 in Norfolk

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative B		
									No-Barrier	With-Barrier	IL
BW-138	8100 Granby St, Row 3 Flr. 1	1	C	Rec.	67	63	63	64	64	58	6
BW-139	Camp Apasus (Girl Scouts of the Colonial Coast)	1	C	Rec.	67	66	66	66	66	63	3
BW-140	Camp Apasus (Girl Scouts of the Colonial Coast)	1	C	Rec.	67	67	67	67	67	63	4
BW-141	Camp Apasus (Girl Scouts of the Colonial Coast)	1	C	Rec.	67	67	67	67	68	64	4
BW-142	Camp Apasus (Girl Scouts of the Colonial Coast)	1	C	Rec.	67	63	64	64	64	59	6
BW-143	Camp Apasus (Girl Scouts of the Colonial Coast)	1	C	Rec.	67	63	64	64	64	59	6
BW-144	Camp Apasus (Girl Scouts of the Colonial Coast)	1	C	Rec.	67	64	65	65	65	59	6

* Cat. Refers to FHWA Activity Category. Res.= Residential, Rec.= Recreational, Mon.= Noise Monitoring Site, Com.= Commercial, Int.=Interior Institutional

** Red numbers indicate noise impact due to NAC or Substantial Increase in existing noise levels. Some subtractions may appear to be incorrect due to rounding of decibels. NA or 0 indicates receptors not behind barriers, or set back and not impacted where benefits were not determined.

Source: HMMH, 2016

Table C-3: Predicted Noise Levels for I-564 in Norfolk

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. B No-Barrier	Alt. D No-Barrier	Alternative C		
										No-Barrier	With-Barrier	IL
BZ-1	7817 Sheryl Dr, Row 1 Flr. 1	1	B	Res.	67	60	60	60	61	61	58	3
BZ-2	428 Bradford Av, Row 1 Flr. 1	1	B	Res.	67	61	61	61	61	61	59	3
BZ-3	424 Bradford Av, Row 1 Flr. 1	1	B	Res.	67	61	61	61	62	62	59	3
BZ-4	420 Bradford Av, Row 1 Flr. 1	1	B	Res.	67	61	62	62	62	62	60	3
BZ-5	416 Bradford Av, Row 1 Flr. 1	1	B	Res.	67	62	62	62	63	63	60	3
BZ-6	412 Bradford Av, Row 1 Flr. 1	1	B	Res.	67	62	63	63	63	63	60	4
BZ-7	408 Bradford Av, Row 1 Flr. 1	1	B	Res.	67	63	63	63	64	64	60	4
BZ-8	404 Bradford Av, Row 1 Flr. 1	1	B	Res.	67	63	64	64	65	65	61	4
BZ-9	400 Bradford Av, Row 1 Flr. 1	1	B	Res.	67	64	64	65	65	65	61	4
BZ-10	340 Bradford Av, Row 1 Flr. 1	1	B	Res.	67	64	65	66	66	66	61	5
BZ-11	336 Bradford Av, Row 1 Flr. 1	1	B	Res.	67	65	65	66	67	67	61	6
BZ-12	332 Bradford Av, Row 1 Flr. 1	1	B	Res.	67	65	66	67	67	67	62	6
BZ-13	328 Bradford Av, Row 1 Flr. 1	1	B	Res.	67	65	66	66	67	67	61	6
BZ-14	324 Bradford Av, Row 1 Flr. 1	1	B	Res.	67	65	66	67	67	67	60	7
BZ-15	320 Bradford Av, Row 1 Flr. 1	1	B	Res.	67	66	66	67	68	68	60	7
BZ-16	316 Bradford Av, Row 1 Flr. 1	1	B	Res.	67	65	66	67	68	68	60	7
BZ-17	312 Bradford Av, Row 1 Flr. 1	1	B	Res.	67	65	66	66	67	67	60	6
BZ-18	308 Bradford Av, Row 1 Flr. 1	1	B	Res.	67	65	66	66	67	67	60	6
BZ-19	304 Bradford Av, Row 1 Flr. 1	1	B	Res.	67	65	65	66	66	66	60	6
BZ-20	300 Bradford Av, Row 1 Flr. 1	1	B	Res.	67	64	64	65	66	66	59	6
BZ-21	230 Bradford Av, Row 1 Flr. 1	1	B	Res.	67	64	65	65	66	66	60	6
BZ-22	226 Bradford Av, Row 1 Flr. 1	1	B	Res.	67	64	64	65	66	66	60	6
BZ-23	224 Bradford Av, Row 1 Flr. 1	1	B	Res.	67	64	64	65	66	66	60	6
BZ-24	222 Bradford Av, Row 1 Flr. 1	1	B	Res.	67	64	64	65	65	65	60	5
BZ-25	218 Bradford Av, Row 1 Flr. 1	1	B	Res.	67	64	64	65	65	65	60	5
BZ-26	214 Bradford Av, Row 1 Flr. 1	1	B	Res.	67	64	64	64	65	65	60	4
BZ-27	200 Bradford Av, Row 1 Flr. 1	1	B	Res.	67	63	63	64	64	64	60	4
BZ-28	124 W Little Creek Rd, Row 1 Flr. 1	8	B	Res.	67	62	62	63	63	63	60	3
BZ-29	124 W Little Creek Rd, Row 1 Flr. 1	8	B	Res.	67	59	60	60	61	61	59	2
BZ-30	124 W Little Creek Rd, Row 1 Flr. 1	8	B	Res.	67	60	60	61	62	62	60	2
BZ-31	124 W Little Creek Rd, Row 1 Flr. 1	8	B	Res.	67	62	62	62	63	63	61	2
BZ-32	124 W Little Creek Rd, Row 1 Flr. 1	8	B	Res.	67	63	63	63	64	64	63	1
BZ-33	425 Bradford Av, Row 2 Flr. 1	1	B	Res.	67	59	59	59	60	60	56	4
BZ-34	7815 Michael Dr, Row 2 Flr. 1	1	B	Res.	67	59	60	60	61	61	57	4
BZ-35	7811 Michael Dr, Row 3 Flr. 1	1	B	Res.	67	58	58	58	59	59	55	4
BZ-36	7807 Michael Dr, Row 3 Flr. 1	1	B	Res.	67	57	57	57	58	58	54	4

Table C-3: Predicted Noise Levels for I-564 in Norfolk

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. B No-Barrier	Alt. D No-Barrier	Alternative C		
										No-Barrier	With-Barrier	IL
BZ-37	407 Bradford Av, Row 2 Flr. 1	1	B	Res.	67	61	61	61	62	62	58	4
BZ-38	7816 Michael Dr, Row 2 Flr. 1	1	B	Res.	67	58	59	59	60	60	55	4
BZ-39	7812 Michael Dr, Row 3 Flr. 1	1	B	Res.	67	57	58	58	59	59	54	4
BZ-40	7808 Michael Dr, Row 3 Flr. 1	1	B	Res.	67	57	57	57	58	58	54	4
BZ-41	7804 Michael Dr, Row 3 Flr. 1	1	B	Res.	67	56	56	57	57	57	53	4
BZ-42	403 Bradford Av, Row 2 Flr. 1	1	B	Res.	67	61	61	62	62	63	58	4
BZ-43	7749 Newport Av, Row 2 Flr. 1	1	B	Res.	67	60	60	61	61	61	57	5
BZ-44	7745 Newport Av, Row 2 Flr. 1	1	B	Res.	67	58	59	60	60	60	55	5
BZ-45	7741 Newport Av, Row 3 Flr. 1	1	B	Res.	67	57	58	59	59	59	54	5
BZ-46	7737 Newport Av, Row 3 Flr. 1	1	B	Res.	67	56	57	57	58	58	53	5
BZ-47	7733 Newport Av, Row 3 Flr. 1	1	B	Res.	67	56	56	57	57	57	52	5
BZ-48	7740 Newport Av, Row 2 Flr. 1	1	B	Res.	67	61	62	62	63	63	57	6
BZ-49	7736 Newport Av, Row 2 Flr. 1	1	B	Res.	67	60	60	61	62	62	56	6
BZ-50	7732 Newport Av, Row 2 Flr. 1	1	B	Res.	67	58	59	60	60	60	54	6
BZ-51	7728 Newport Av, Row 3 Flr. 1	1	B	Res.	67	57	58	58	59	59	54	5
BZ-52	7724 Newport Av, Row 3 Flr. 1	1	B	Res.	67	56	57	57	58	58	52	6
BZ-53	7720 Newport Av, Row 3 Flr. 1	1	B	Res.	67	55	56	56	57	57	52	5
BZ-54	7725 Gloucester Av, Row 2 Flr. 1	1	B	Res.	67	61	62	62	63	63	57	6
BZ-55	7721 Gloucester Av, Row 2 Flr. 1	1	B	Res.	67	60	61	61	62	62	56	6
BZ-56	7719 Gloucester Av, Row 2 Flr. 1	1	B	Res.	67	59	59	60	61	61	55	6
BZ-57	7717 Gloucester Av, Row 3 Flr. 1	1	B	Res.	67	57	58	59	59	59	54	5
BZ-58	7715 Gloucester Av, Row 3 Flr. 1	1	B	Res.	67	56	57	58	58	58	52	6
BZ-59	7711 Gloucester Av, Row 3 Flr. 1	1	B	Res.	67	56	56	57	58	58	52	6
BZ-60	7716 Gloucester Av, Row 2 Flr. 1	1	B	Res.	67	61	61	62	63	63	56	7
BZ-61	7714 Gloucester Av, Row 2 Flr. 1	1	B	Res.	67	59	60	61	61	61	55	6
BZ-62	7712 Gloucester Av, Row 2 Flr. 1	1	B	Res.	67	58	58	59	60	60	54	6
BZ-63	7710 Gloucester Av, Row 3 Flr. 1	1	B	Res.	67	56	57	58	58	58	52	6
BZ-64	7708 Gloucester Av, Row 3 Flr. 1	1	B	Res.	67	56	56	57	58	58	52	5
BZ-65	7706 Gloucester Av, Row 3 Flr. 1	1	B	Res.	67	55	55	56	57	57	51	6
BZ-66	7725 Fayver Av, Row 2 Flr. 1	1	B	Res.	67	61	61	62	63	63	56	6
BZ-67	7721 Fayver Av, Row 2 Flr. 1	1	B	Res.	67	59	59	60	61	61	54	7
BZ-68	7717 Fayver Av, Row 2 Flr. 1	1	B	Res.	67	58	58	59	60	60	54	6
BZ-69	7713 Fayver Av, Row 3 Flr. 1	1	B	Res.	67	56	57	58	59	59	53	6
BZ-70	7709 Fayver Av, Row 3 Flr. 1	1	B	Res.	67	55	56	57	57	57	53	4
BZ-71	7705 Fayver Av, Row 3 Flr. 1	1	B	Res.	67	55	55	56	57	57	54	3
BZ-72	7720 Fayver Av, Row 2 Flr. 1	1	B	Res.	67	60	61	62	62	62	57	6

Table C-3: Predicted Noise Levels for I-564 in Norfolk

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. B No-Barrier	Alt. D No-Barrier	Alternative C		
										No-Barrier	With-Barrier	IL
BZ-73	7716 Fayver Av, Row 2 Flr. 1	1	B	Res.	67	58	59	59	60	60	53	7
BZ-74	7712 Fayver Av, Row 2 Flr. 1	1	B	Res.	67	56	56	57	58	58	53	5
BZ-75	7708 Fayver Av, Row 3 Flr. 1	1	B	Res.	67	55	55	56	57	57	53	4
BZ-76	7704 Fayver Av, Row 3 Flr. 1	1	B	Res.	67	54	55	56	57	57	52	5
BZ-77	7700 Fayver Av, Row 3 Flr. 1	1	B	Res.	67	53	54	55	55	55	51	4
BZ-78	7603 Bondale Av, Row 2 Flr. 1	16	B	Res.	67	60	61	61	62	62	56	6
BZ-79	7603 Bondale Av, Row 2 Flr. 1	24	B	Res.	67	59	59	60	61	61	56	5
BZ-79a	7603 Bondale Av, Row 2 Flr. 1	4	B	Res.	67	59	60	61	61	61	57	4
BZ-79b	7603 Bondale Av, Row 2 Flr. 1	4	B	Res.	67	59	59	60	61	61	56	5
BZ-80	7603 Bondale Av, Row 2 Flr. 1	16	B	Res.	67	59	59	60	61	61	56	5
BZ-81	7603 Bondale Av, Row 3 Flr. 1	16	B	Res.	67	53	54	55	56	56	52	3
BZ-82	7603 Bondale Av, Row 3 Flr. 1	16	B	Res.	67	54	54	55	56	56	53	3
BZ-83	7603 Bondale Av, Row 2 Flr. 1	16	B	Res.	67	54	55	55	56	56	54	1
BZ-83a	7603 Bondale Av, Row 2 Flr. 1	4	B	Res.	67	53	53	54	55	55	54	0
BZ-84	7603 Bondale Av, Row 3 Flr. 1	8	B	Res.	67	51	51	52	52	52	51	1
BZ-85	7603 Bondale Av, Row 3 Flr. 1	16	B	Res.	67	54	54	55	56	56	55	1
BZ-86	7603 Bondale Av, Row 3 Flr. 1	9	B	Res.	67	55	55	56	57	57	55	1
BZ-87	7603 Bondale Av, Row 3 Flr. 1	9	B	Res.	67	51	51	52	53	53	52	1
BZ-88	124 W Little Creek Rd, Row 2 Flr. 1	9	B	Res.	67	57	57	58	59	59	57	2
BZ-89	124 W Little Creek Rd, Row 2 Flr. 1	9	B	Res.	67	58	58	59	59	59	58	2
BZ-90	124 W Little Creek Rd, Row 2 Flr. 1	9	B	Res.	67	58	58	60	60	60	59	1
BZ-91	124 W Little Creek Rd, Row 2 Flr. 1	9	B	Res.	67	55	56	56	57	57	56	1
BZ-92	124 W Little Creek Rd, Row 2 Flr. 1	9	B	Res.	67	56	56	58	58	58	57	1
BZ-93	124 W Little Creek Rd, Row 3, POOL	0	C	Rec.	67	55	55	56	57	57	55	1
BZ-94	124 W Little Creek Rd, Row 3 Flr. 1	9	B	Res.	67	55	55	55	56	56	55	1
BZ-95	124 W Little Creek Rd, Row 2 Flr. 1	9	B	Res.	67	55	55	56	56	56	55	1
BZ-96	124 W Little Creek Rd, Row 3 Flr. 1	9	B	Res.	67	54	54	55	56	56	54	1
BZ-97	124 W Little Creek Rd, Row 2 Flr. 1	9	B	Res.	67	53	53	54	55	55	54	1
CA-1	100 Elementary Dr, Row 1 Flr. 1	1	C	Rec.	67	61	61	61	62	62	NA	NA
CA-2	100 Elementary Dr, Row 1 Flr. 1	1	C	Rec.	67	61	61	61	62	62	NA	NA
CA-3	100 Elementary Dr, Row 1 Flr. 1	1	C	Rec.	67	61	61	61	62	62	NA	NA
CA-4	100 Elementary Dr, Row 1 Flr. 1	1	C	Rec.	67	61	61	61	62	62	NA	NA
CA-5	100 Elementary Dr, Row 1 Flr. 1	1	C	Rec.	67	60	59	60	60	60	NA	NA
CA-6	100 Elementary Dr, Row 2 Flr. 1	1	C	Rec.	67	60	59	60	61	60	NA	NA
CA-7	100 Elementary Dr, Row 2 Flr. 1	1	C	Rec.	67	60	59	60	61	60	NA	NA
CA-8	100 Elementary Dr, Row 2 Flr. 1	1	C	Rec.	67	60	60	60	61	60	NA	NA

Table C-3: Predicted Noise Levels for I-564 in Norfolk

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. B No-Barrier	Alt. D No-Barrier	Alternative C		
										No-Barrier	With-Barrier	IL
CA-9	100 Elementary Dr, Row 2 Flr. 1	1	C	Rec.	67	60	60	60	61	61	NA	NA
CA-10	100 Elementary Dr, Row 2 Flr. 1	1	C	Rec.	67	60	60	60	61	61	NA	NA
CA-11	100 Elementary Dr, Row 1 Flr. 1	1	C	Rec.	67	59	58	59	59	59	NA	NA
CA-12	100 Elementary Dr, Row 2 Flr. 1	1	C	Rec.	67	59	58	59	59	59	NA	NA
CA-13	100 Elementary Dr, Row 2 Flr. 1	1	C	Rec.	67	58	57	58	59	59	NA	NA
CA-14	5Th Ave, Row 1 Flr. 1	1	C	Rec.	67	61	60	61	62	61	NA	NA
CA-15	5Th Ave, Row 1 Flr. 1	1	B	Res.	67	61	60	61	62	61	NA	NA
CA-16	604 Mogadishu St, Row 1 Flr. 1	1	C	Rec.	67	68	63	69	71	69	63	8
CA-17	604 Mogadishu St, Row 1 Flr. 1	1	C	Rec.	67	68	62	69	71	69	62	8
CA-18	604 Mogadishu St, Row 1 Flr. 1	1	C	Rec.	67	68	62	69	71	69	63	7
CA-19	604 Mogadishu St, Row 1 Flr. 1	1	C	Rec.	67	67	62	69	71	69	63	8
CA-20	604 Mogadishu St, Row 2 Flr. 1	1	C	Rec.	67	65	61	66	68	66	62	6
CA-21	604 Mogadishu St, Row 2 Flr. 1	1	C	Rec.	67	65	60	66	68	66	61	7
CA-22	604 Mogadishu St, Row 2 Flr. 1	1	C	Rec.	67	65	60	66	67	66	61	7
CA-23	604 Mogadishu St, Row 2 Flr. 1	1	C	Rec.	67	65	61	66	67	66	61	6
CA-24	8168 Diven Arch, Row 2 Flr. 1	2	B	Res.	67	55	53	55	55	55	54	1
CA-25	8168 Diven Arch, Row 2 Flr. 2	2	B	Res.	67	56	53	55	56	56	54	2
CA-26	8168 Diven Arch, Row 2 Flr. 3	1	B	Res.	67	59	57	59	60	59	57	3
CA-27	8172 Diven Arch, Row 1 Flr. 1	2	B	Res.	67	57	55	56	57	56	55	1
CA-28	8172 Diven Arch, Row 1 Flr. 2	2	B	Res.	67	58	55	57	57	57	56	1
CA-29	8172 Diven Arch, Row 1 Flr. 3	1	B	Res.	67	60	58	60	61	60	59	2
CA-30	8176 Diven Arch, Row 1 Flr. 1	2	B	Res.	67	58	55	56	57	57	56	1
CA-31	8176 Diven Arch, Row 1 Flr. 2	2	B	Res.	67	59	56	57	58	58	56	1
CA-32	8176 Diven Arch, Row 1 Flr. 3	1	B	Res.	67	61	58	60	61	61	59	2
CA-33	8180 Diven Arch, Row 1 Flr. 1	2	B	Res.	67	58	55	56	57	56	56	1
CA-34	8180 Diven Arch, Row 1 Flr. 2	2	B	Res.	67	59	56	57	57	57	56	1
CA-35	8180 Diven Arch, Row 1 Flr. 3	1	B	Res.	67	61	58	60	61	60	59	2
CA-36	8064 Diven Arch, Row 1 Flr. 1	2	B	Res.	67	64	58	59	60	59	59	1
CA-37	8064 Diven Arch, Row 1 Flr. 2	2	B	Res.	67	64	60	60	61	61	60	1
CA-38	8064 Diven Arch, Row 1 Flr. 3	1	B	Res.	67	63	62	63	63	63	63	1
CA-39	8060 Diven Arch, Row 1 Flr. 1	2	B	Res.	67	64	58	59	60	60	59	1
CA-40	8060 Diven Arch, Row 1 Flr. 2	2	B	Res.	67	64	59	61	62	61	60	1
CA-41	8060 Diven Arch, Row 1 Flr. 3	2	B	Res.	67	63	62	63	63	63	62	1
CA-42	8056 Diven Arch, Row 1 Flr. 1	2	B	Res.	67	64	58	59	60	59	59	1
CA-43	8056 Diven Arch, Row 1 Flr. 2	2	B	Res.	67	65	59	60	61	61	60	1
CA-44	8056 Diven Arch, Row 1 Flr. 3	1	B	Res.	67	63	62	62	63	63	62	1

Table C-3: Predicted Noise Levels for I-564 in Norfolk

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. B No-Barrier	Alt. D No-Barrier	Alternative C		
										No-Barrier	With-Barrier	IL
CA-45	8052 Diven Arch, Row 1 Flr. 1	2	B	Res.	67	64	58	59	60	59	58	1
CA-46	8052 Diven Arch, Row 1 Flr. 2	2	B	Res.	67	65	59	60	61	61	60	1
CA-47	8052 Diven Arch, Row 1 Flr. 3	2	B	Res.	67	63	62	62	63	63	62	1
CA-48	8048 Diven Arch, Row 1 Flr. 1	2	B	Res.	67	64	58	59	59	59	58	1
CA-49	8048 Diven Arch, Row 1 Flr. 2	2	B	Res.	67	65	59	60	61	61	60	1
CA-50	8048 Diven Arch, Row 1 Flr. 3	1	B	Res.	67	63	61	62	63	63	62	1
CA-51	8044 Diven Arch, Row 1 Flr. 1	2	B	Res.	67	64	58	58	59	59	58	1
CA-52	8044 Diven Arch, Row 1 Flr. 2	2	B	Res.	67	64	59	60	61	61	60	1
CA-53	8044 Diven Arch, Row 1 Flr. 3	2	B	Res.	67	63	61	62	63	63	62	0
CA-54	8040 Diven Arch, Row 1 Flr. 1	2	B	Res.	67	64	57	58	59	59	58	1
CA-55	8040 Diven Arch, Row 1 Flr. 2	2	B	Res.	67	65	59	60	61	61	60	1
CA-56	8040 Diven Arch, Row 1 Flr. 3	1	B	Res.	67	63	61	62	63	63	62	1
CA-57	8036 Diven Arch, Row 2 Flr. 1	2	B	Res.	67	61	54	55	55	56	55	0
CA-58	8036 Diven Arch, Row 2 Flr. 2	2	B	Res.	67	61	56	56	56	57	56	0
CA-59	8036 Diven Arch, Row 2 Flr. 3	1	B	Res.	67	62	58	59	59	59	59	0
CA-60	8032 Diven Arch, Row 2 Flr. 1	2	B	Res.	67	59	53	53	53	54	53	0
CA-61	8032 Diven Arch, Row 2 Flr. 2	2	B	Res.	67	60	54	55	55	55	54	0
CA-62	8032 Diven Arch, Row 2 Flr. 3	1	B	Res.	67	61	56	57	57	58	57	0
CA-63	8028 Diven Arch, Row 3 Flr. 1	2	B	Res.	67	57	51	52	52	52	51	0
CA-64	8028 Diven Arch, Row 3 Flr. 2	2	B	Res.	67	59	53	53	53	54	53	0
CA-65	8028 Diven Arch, Row 3 Flr. 3	2	B	Res.	67	59	55	56	56	56	55	0
CA-66	8100 Diven Arch, Row 2 Flr. 1	36	B	Res.	67	56	53	55	55	55	54	1
CA-67	8100 Diven Arch, Row 2 Flr. 1	24	B	Res.	67	57	54	55	55	55	54	1
CA-68	606 Ruthven Rd, Row 1 Flr. 1	1	C	Rec.	67	67	62	62	62	62	62	0
CA-69	606 Ruthven Rd, Row 1 Flr. 1	1	C	Rec.	67	65	61	62	62	62	62	0
CA-70	606 Ruthven Rd, Row 1 Flr. 1	1	C	Rec.	67	67	62	62	62	62	62	0
CA-71	606 Ruthven Rd, Row 1 Flr. 1	1	C	Rec.	67	67	62	62	62	62	62	0
CA-72	606 Ruthven Rd, Row 1 Flr. 1	1	C	Rec.	67	68	62	62	62	63	62	0
CA-73	606 Ruthven Rd, Row 1 Flr. 1	1	C	Rec.	67	68	62	62	62	63	62	0
CA-74	606 Ruthven Rd, Row 1 Flr. 1	1	C	Rec.	67	68	62	62	62	63	62	0
CA-75	606 Ruthven Rd, Row 1 Flr. 1	1	C	Rec.	67	67	62	62	62	62	62	0
CA-76	606 Ruthven Rd, Row 1 Flr. 1	1	C	Rec.	67	67	62	62	62	62	62	0
CA-77	606 Ruthven Rd, Row 1 Flr. 1	1	C	Rec.	67	64	61	62	62	62	62	0
CA-78	606 Ruthven Rd, Row 1 Flr. 1	1	C	Rec.	67	67	61	62	62	62	62	0
CA-79	606 Ruthven Rd, Row 1 Flr. 1	1	C	Rec.	67	65	60	60	60	61	60	0
CA-80	606 Ruthven Rd, Row 1 Flr. 1	1	C	Rec.	67	66	61	62	62	62	62	0

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CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. B No-Barrier	Alt. D No-Barrier	Alternative C		
										No-Barrier	With-Barrier	IL
CA-81	606 Ruthven Rd, Row 1 Flr. 1	1	C	Rec.	67	65	62	62	62	62	62	0
CA-82	606 Ruthven Rd, Row 1 Flr. 1	1	C	Rec.	67	64	61	62	62	62	62	0
CA-83	606 Ruthven Rd, Row 1 Flr. 1	1	C	Rec.	67	64	62	62	62	62	62	0
CA-84	606 Ruthven Rd, Row 1 Flr. 1	1	C	Rec.	67	67	62	62	62	63	62	0
CA-85	606 Ruthven Rd, Row 1 Flr. 1	1	C	Rec.	67	67	62	63	63	63	62	0
CA-86	606 Ruthven Rd, Row 1 Flr. 1	1	C	Rec.	67	67	63	63	63	63	63	0
CA-87	606 Ruthven Rd, Row 1 Flr. 1	1	C	Rec.	67	65	62	63	63	63	63	0
CA-88	606 Ruthven Rd, Row 2 Flr. 1	1	C	Rec.	67	61	57	58	58	58	57	0
CA-89	606 Ruthven Rd, Row 2 Flr. 1	1	C	Rec.	67	63	57	57	57	58	57	0
CA-90	606 Ruthven Rd, Row 2 Flr. 1	1	C	Rec.	67	63	57	57	57	58	57	0
CA-91	606 Ruthven Rd, Row 2 Flr. 1	1	C	Rec.	67	63	56	57	57	58	57	0
CA-92	606 Ruthven Rd, Row 2 Flr. 1	1	C	Rec.	67	64	57	58	58	59	58	0
CA-93	606 Ruthven Rd, Row 2 Flr. 1	1	C	Rec.	67	65	58	59	58	60	58	0
CA-94	606 Ruthven Rd, Row 2 Flr. 1	1	C	Rec.	67	65	58	59	59	60	59	0
CA-95	606 Ruthven Rd, Row 2 Flr. 1	1	C	Rec.	67	65	58	58	58	59	58	0
CA-96	606 Ruthven Rd, Row 2 Flr. 1	1	C	Rec.	67	65	58	59	58	60	58	0
CA-97	606 Ruthven Rd, Row 2 Flr. 1	1	C	Rec.	67	64	57	58	58	59	58	0
CA-98	606 Ruthven Rd, Row 2 Flr. 1	1	C	Rec.	67	61	57	58	58	59	57	0
CA-99	606 Ruthven Rd, Row 2 Flr. 1	1	C	Rec.	67	60	57	58	58	59	58	0
CA-100	606 Ruthven Rd, Row 2 Flr. 1	1	C	Rec.	67	60	57	58	58	59	58	0
CA-101	606 Ruthven Rd, Row 2 Flr. 1	1	C	Rec.	67	62	58	58	58	59	58	0
CA-102	606 Ruthven Rd, Row 2 Flr. 1	1	C	Rec.	67	61	59	59	59	60	59	0
CA-103	606 Ruthven Rd, Row 2 Flr. 1	1	C	Rec.	67	62	58	59	58	59	58	0
CA-104	606 Ruthven Rd, Row 2 Flr. 1	1	C	Rec.	67	65	58	59	59	60	59	0
CA-105	606 Ruthven Rd, Row 2 Flr. 1	1	C	Rec.	67	65	59	60	59	60	59	0
CA-106	606 Ruthven Rd, Row 2 Flr. 1	1	C	Rec.	67	65	59	59	59	60	59	0
CA-107	606 Ruthven Rd, Row 2 Flr. 1	1	C	Rec.	67	65	59	60	60	60	60	0
CA-108	606 Ruthven Rd, Row 2 Flr. 1	1	C	Rec.	67	65	60	60	60	61	60	0
CA-109	606 Ruthven Rd, Row 2 Flr. 1	1	C	Rec.	67	64	60	60	61	61	60	0
CA-110	606 Ruthven Rd, Row 3 Flr. 1	1	C	Rec.	67	60	54	55	55	56	51	4
CA-111	606 Ruthven Rd, Row 3 Flr. 1	1	C	Rec.	67	61	54	55	55	56	55	0
CA-112	606 Ruthven Rd, Row 3 Flr. 1	1	C	Rec.	67	60	54	55	55	56	54	0
CA-113	606 Ruthven Rd, Row 3 Flr. 1	1	C	Rec.	67	62	55	56	56	57	56	0
CA-114	606 Ruthven Rd, Row 3 Flr. 1	1	C	Rec.	67	62	55	56	56	57	56	0
CA-115	606 Ruthven Rd, Row 3 Flr. 1	1	C	Rec.	67	63	56	57	57	58	56	0
CA-116	606 Ruthven Rd, Row 3 Flr. 1	1	C	Rec.	67	63	56	57	57	58	57	0

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CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. B No-Barrier	Alt. D No-Barrier	Alternative C		
										No-Barrier	With-Barrier	IL
CA-117	606 Ruthven Rd, Row 3 Flr. 1	1	C	Rec.	67	63	56	57	56	58	56	0
CA-118	606 Ruthven Rd, Row 3 Flr. 1	1	C	Rec.	67	63	56	57	56	58	56	0
CA-119	606 Ruthven Rd, Row 3 Flr. 1	1	C	Rec.	67	63	56	56	56	57	56	0
CA-120	606 Ruthven Rd, Row 3 Flr. 1	1	C	Rec.	67	63	56	56	56	57	56	0
CA-121	606 Ruthven Rd, Row 3 Flr. 1	1	C	Rec.	67	62	56	56	56	57	56	0
CA-122	606 Ruthven Rd, Row 3 Flr. 1	1	C	Rec.	67	59	56	56	56	57	56	0
CA-123	606 Ruthven Rd, Row 3 Flr. 1	1	C	Rec.	67	60	56	56	56	57	56	0
CA-124	606 Ruthven Rd, Row 3 Flr. 1	1	C	Rec.	67	60	56	56	56	57	56	0
CA-125	606 Ruthven Rd, Row 3 Flr. 1	1	C	Rec.	67	62	56	57	57	58	56	0
CA-126	606 Ruthven Rd, Row 3 Flr. 1	1	C	Rec.	67	63	56	57	56	57	56	0
CA-127	606 Ruthven Rd, Row 3 Flr. 1	1	C	Rec.	67	62	56	57	56	57	56	0
CA-128	606 Ruthven Rd, Row 3 Flr. 1	1	C	Rec.	67	61	57	57	57	58	57	0
CA-129	606 Ruthven Rd, Row 3 Flr. 1	1	C	Rec.	67	61	57	58	58	58	58	0
CA-130	606 Ruthven Rd, Row 3 Flr. 1	1	C	Rec.	67	61	58	58	58	59	58	0
CA-131	606 Ruthven Rd, Row 3 Flr. 1	1	C	Rec.	67	61	58	59	59	59	59	0
CA-132	606 Ruthven Rd, Row 4 Flr. 1	1	C	Rec.	67	58	53	53	54	54	53	0
CA-133	606 Ruthven Rd, Row 4 Flr. 1	1	C	Rec.	67	58	52	53	53	54	53	0
CA-134	606 Ruthven Rd, Row 4 Flr. 1	1	C	Rec.	67	60	53	54	54	55	54	0
CA-135	606 Ruthven Rd, Row 4 Flr. 1	1	C	Rec.	67	60	54	55	54	55	54	0
CA-136	606 Ruthven Rd, Row 4 Flr. 1	1	C	Rec.	67	61	54	55	55	56	54	0
CA-137	606 Ruthven Rd, Row 4 Flr. 1	1	C	Rec.	67	61	54	55	55	56	54	0
CA-138	606 Ruthven Rd, Row 4 Flr. 1	1	C	Rec.	67	61	55	55	55	56	55	0
CA-139	606 Ruthven Rd, Row 4 Flr. 1	1	C	Rec.	67	61	55	56	55	57	55	0
CA-140	606 Ruthven Rd, Row 4 Flr. 1	1	C	Rec.	67	61	55	55	55	56	55	0
CA-141	606 Ruthven Rd, Row 4 Flr. 1	1	C	Rec.	67	61	55	55	55	56	55	0
CA-142	606 Ruthven Rd, Row 4 Flr. 1	1	C	Rec.	67	61	54	55	55	56	55	0
CA-143	606 Ruthven Rd, Row 4 Flr. 1	1	C	Rec.	67	60	54	55	55	56	55	0
CA-144	606 Ruthven Rd, Row 4 Flr. 1	1	C	Rec.	67	59	54	55	55	56	55	0
CA-145	606 Ruthven Rd, Row 4 Flr. 1	1	C	Rec.	67	59	54	55	55	56	54	0
CA-146	606 Ruthven Rd, Row 4 Flr. 1	1	C	Rec.	67	58	54	55	54	55	54	0
CA-147	606 Ruthven Rd, Row 4 Flr. 1	1	C	Rec.	67	60	54	55	54	55	54	0
CA-148	606 Ruthven Rd, Row 4 Flr. 1	1	C	Rec.	67	59	54	55	55	56	55	0
CA-149	606 Ruthven Rd, Row 4 Flr. 1	1	C	Rec.	67	58	54	55	54	55	54	0
CA-150	606 Ruthven Rd, Row 4 Flr. 1	1	C	Rec.	67	58	55	55	55	56	55	0
CA-151	606 Ruthven Rd, Row 4 Flr. 1	1	C	Rec.	67	58	56	57	57	57	56	0
CA-152	606 Ruthven Rd, Row 4 Flr. 1	1	C	Rec.	67	59	56	57	57	58	57	0

Table C-3: Predicted Noise Levels for I-564 in Norfolk

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. B No-Barrier	Alt. D No-Barrier	Alternative C		
										No-Barrier	With-Barrier	IL
CA-153	606 Ruthven Rd, Row 4 Flr. 1	1	C	Rec.	67	59	57	58	58	58	57	0
CB-1	8600 Glen Myrtle Av, Row 1 Flr. 1	1	C	Rec.	67	50	50	54	55	55	NA	NA
CB-2	8600 Glen Myrtle Av, Row 1 Flr. 1	1	C	Rec.	67	51	51	55	56	56	NA	NA
CB-3	8600 Glen Myrtle Av, Row 1 Flr. 1	8	B	Res.	67	51	51	55	57	57	NA	NA
CB-4	8600 Glen Myrtle Av, Row 1 Flr. 1	24	B	Res.	67	51	52	57	58	58	NA	NA
CB-5	8600 Glen Myrtle Av B, Row 1 Flr. 1	24	B	Res.	67	52	53	57	59	59	NA	NA
CB-6	8600 Glen Myrtle Av B, Row 1 Flr. 1	36	B	Res.	67	52	52	58	59	59	NA	NA
CB-7	8600 Glen Myrtle Av B, Row 1 Flr. 1	24	B	Res.	67	52	52	58	59	59	NA	NA
CB-8	8600 Glen Myrtle Av B, Row 1 Flr. 1	36	B	Res.	67	52	53	58	59	59	NA	NA
CC-1	9000 Hampton Blvd, Row 2 Flr. 1	1	C	Rec.	67	56	58	60	60	60	NA	NA
CC-2	9000 Hampton Blvd, Row 2 Flr. 1	1	C	Rec.	67	56	58	60	60	60	NA	NA
CC-3	9000 Hampton Blvd, Row 2 Flr. 1	1	C	Rec.	67	55	58	60	60	60	NA	NA
CC-4	9000 Hampton Blvd, Row 1 Flr. 1	1	C	Rec.	67	56	58	60	61	61	NA	NA
CC-5	9000 Hampton Blvd, Row 1 Flr. 1	1	C	Rec.	67	55	59	61	61	61	NA	NA

* Cat. Refers to FHWA Activity Category. Res.= Residential, Rec.= Recreational, Mon.= Noise Monitoring Site, Com.= Commercial, Int.=Interior Institutional
 ** Red numbers indicate noise impact due to NAC or Substantial Increase in existing noise levels. Some subtractions may appear to be incorrect due to rounding of decibels. NA or 0 indicates receptors not behind barriers, or set back and not impacted where benefits were not determined.
 Source: HMMH, 2016

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
CY-001	Old Dominion University, 0, Row 1 Flr. 1	1	D	Int.	52	39	40	NA	38	39	NA	NA
CY-002	4015 Magnolia Dr, Row 5 Flr. 1	1	B	Res.	67	57	58	NA	59	59	NA	NA
CY-003	4013 Magnolia Dr, Row 5 Flr. 1	1	B	Res.	67	57	58	NA	58	59	NA	NA
CY-004	Spine Center Of Hampton Roads, 1040 University Blvd, Row 1 Flr. 1	1	D	Int.	52	36	37	NA	38	39	NA	NA
CY-005	4011 Magnolia Dr, Row 5 Flr. 1	1	B	Res.	67	56	57	NA	58	59	NA	NA
CY-006	4009 Magnolia Dr, Row 5 Flr. 1	1	B	Res.	67	55	56	NA	57	58	NA	NA
CY-007	4007 Magnolia Dr, Row 5 Flr. 1	1	B	Res.	67	54	55	NA	56	57	NA	NA
CY-008	4005 Magnolia Dr, Row 5 Flr. 1	1	B	Res.	67	53	55	NA	56	57	55	2
CZ-001	3841 Magnolia Dr, Row 5 Flr. 1	1	B	Res.	67	52	54	NA	55	56	54	2
CZ-002	3960 Old Farm Rd, Row 1 Flr. 1	1	B	Res.	67	53	54	NA	66	67	56	11
CZ-003	3964 Old Farm Rd, Row 1 Flr. 1	1	B	Res.	67	54	55	NA	69	70	65	6
CZ-004	3964 Two Oaks Rd, Row 3 Flr. 1	1	B	Res.	67	54	55	NA	59	59	57	2
CZ-005	3965 Two Oaks Rd, Row 3 Flr. 1	1	B	Res.	67	54	55	NA	61	62	58	3
CZ-006	3839 Magnolia Dr, Row 5 Flr. 1	1	B	Res.	67	52	53	NA	54	55	53	2
CZ-007	3965 Old Farm Rd, Row 1 Flr. 1	1	B	Res.	67	57	58	NA	72	73	63	10
CZ-008	3956 Old Farm Rd, Row 2 Flr. 1	1	B	Res.	67	53	54	NA	65	66	59	7
CZ-009	3961 Two Oaks Rd, Row 3 Flr. 1	1	B	Res.	67	53	54	NA	62	62	55	7
CZ-010	3960 Two Oaks Rd, Row 4 Flr. 1	1	B	Res.	67	51	52	NA	57	58	54	4
CZ-011	3837 Magnolia Dr, Row 5 Flr. 1	1	B	Res.	67	51	52	NA	54	55	53	2
CZ-012	3961 Old Farm Rd, Row 1 Flr. 1	1	B	Res.	67	57	59	NA	74	75	61	14
CZ-013	3952 Old Farm Rd, Row 2 Flr. 1	1	B	Res.	67	54	55	NA	67	67	60	7
CZ-014	3957 Two Oaks Rd, Row 3 Flr. 1	1	B	Res.	67	51	52	NA	61	62	57	6
CZ-015	3956 Two Oaks Rd, Row 4 Flr. 1	1	B	Res.	67	52	53	NA	57	57	54	3
CZ-016	3835 Magnolia Dr, Row 5 Flr. 1	1	B	Res.	67	50	51	NA	53	54	52	2
CZ-017	3957 Old Farm Rd, Row 1 Flr. 1	1	B	Res.	67	57	58	NA	74	74	60	14
CZ-018	3950 Old Farm Rd, Row 2 Flr. 1	1	B	Res.	67	54	55	NA	67	68	60	8
CZ-019	3953 Two Oaks Rd, Row 3 Flr. 1	1	B	Res.	67	50	52	NA	61	61	55	6
CZ-020	3952 Two Oaks Rd, Row 4 Flr. 1	1	B	Res.	67	51	52	NA	56	57	53	3
CZ-021	3833 Magnolia Dr, Row 5 Flr. 1	1	B	Res.	67	49	50	NA	53	54	51	3
CZ-022	3949 Two Oaks Rd, Row 3 Flr. 1	1	B	Res.	67	50	51	NA	59	60	53	7
CZ-023	3948 Old Farm Rd, Row 2 Flr. 1	1	B	Res.	67	54	55	NA	67	68	59	8
CZ-024	3953 Old Farm Rd, Row 1 Flr. 1	1	B	Res.	67	57	58	NA	73	74	60	15
CZ-025	3948 Two Oaks Rd, Row 4 Flr. 1	1	B	Res.	67	50	51	NA	55	56	53	3
CZ-026	3831 Magnolia Dr, Row 5 Flr. 1	1	B	Res.	67	49	50	NA	53	53	50	3
CZ-027	3945 Two Oaks Rd, Row 3 Flr. 1	1	B	Res.	67	50	51	NA	59	60	54	6
CZ-028	3944 Old Farm Ct, Row 2 Flr. 1	1	B	Res.	67	54	55	NA	67	68	59	9
CZ-029	3944 Two Oaks Rd, Row 4 Flr. 1	1	B	Res.	67	50	51	NA	55	56	52	4
CZ-030	3949 Old Farm Rd, Row 1 Flr. 1	1	B	Res.	67	57	58	NA	73	74	59	15
CZ-031	3942 Old Farm Ct, Row 2 Flr. 1	1	B	Res.	67	51	52	NA	63	64	54	10
CZ-032	3829 Magnolia Dr, Row 5 Flr. 1	1	B	Res.	67	48	49	NA	52	53	50	3
CZ-033	3940 Old Farm Ct, Row 2 Flr. 1	1	B	Res.	67	51	52	NA	62	62	53	9
CZ-034	3941 Two Oaks Rd, Row 3 Flr. 1	1	B	Res.	67	49	51	NA	58	59	53	6
CZ-035	3940 Two Oaks Rd, Row 4 Flr. 1	1	B	Res.	67	49	50	NA	54	55	51	4
CZ-036	3938 Old Farm Ct, Row 2 Flr. 1	1	B	Res.	67	51	52	NA	62	63	54	9

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
CZ-037	3945 Old Farm Rd, Row 1 Flr. 1	1	B	Res.	67	57	58	NA	73	74	59	15
CZ-038	3827 Magnolia Dr, Row 5 Flr. 1	1	B	Res.	67	47	49	NA	52	53	49	4
CZ-039	3937 Two Oaks Rd, Row 3 Flr. 1	1	B	Res.	67	50	51	NA	59	59	53	7
CZ-040	3936 Two Oaks Rd, Row 4 Flr. 1	1	B	Res.	67	48	50	NA	54	55	50	4
CZ-041	3936 Old Farm Ct, Row 2 Flr. 1	1	B	Res.	67	51	52	NA	63	64	55	9
CZ-042	3941 Old Farm Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	NA	74	75	60	15
CZ-043	3825 Magnolia Dr, Row 5 Flr. 1	1	B	Res.	67	47	48	NA	52	53	49	4
CZ-044	3933 Two Oaks Rd, Row 3 Flr. 1	1	B	Res.	67	50	51	NA	59	60	52	8
CZ-045	3932 Two Oaks Rd, Row 4 Flr. 1	1	B	Res.	67	48	49	NA	54	55	50	5
CZ-046	3932 Old Farm Rd, Row 2 Flr. 1	1	B	Res.	67	54	55	NA	67	68	56	12
CZ-047	3937 Old Farm Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	NA	73	74	59	15
CZ-048	3823 Magnolia Dr, Row 5 Flr. 1	1	B	Res.	67	47	48	NA	52	53	48	4
CZ-049	3704 Kenny Ln, Row 3 Flr. 1	1	B	Res.	67	51	52	NA	62	63	53	10
CZ-050	3929 Two Oaks Rd, Row 3 Flr. 1	1	B	Res.	67	49	50	NA	59	60	52	8
CZ-051	3928 Two Oaks Rd, Row 4 Flr. 1	1	B	Res.	67	47	49	NA	53	54	49	5
CZ-052	3700 Kenny Ln, Row 2 Flr. 1	1	B	Res.	67	54	55	NA	67	68	57	11
CZ-053	3708 Kenny Ln, Row 3 Flr. 1	1	B	Res.	67	49	50	NA	59	60	51	9
CZ-054	3821 Magnolia Dr, Row 5 Flr. 1	1	B	Res.	67	46	48	NA	52	53	48	5
CZ-055	3933 Old Farm Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	NA	74	74	59	15
CZ-056	3924 Two Oaks Rd, Row 4 Flr. 1	1	B	Res.	67	47	48	NA	54	55	49	6
CZ-057	3925 Two Oaks Rd, Row 3 Flr. 1	1	B	Res.	67	49	50	NA	57	58	50	9
CZ-058	3819 Magnolia Dr, Row 5 Flr. 1	1	B	Res.	67	46	47	NA	52	53	47	5
CZ-059	3924 Old Farm Rd, Row 2 Flr. 1	1	B	Res.	67	54	56	NA	67	68	57	11
CZ-060	3929 Old Farm Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	NA	74	75	59	16
CZ-061	3920 Two Oaks Rd, Row 4 Flr. 1	1	B	Res.	67	48	49	NA	55	56	49	7
CZ-062	3705 Kenny Ln, Row 3 Flr. 1	1	B	Res.	67	51	52	NA	61	62	52	10
CZ-063	3917 Two Oaks Rd, Row 3 Flr. 1	1	B	Res.	67	49	50	NA	58	59	49	10
CZ-064	3709 Kenny Ln, Row 3 Flr. 1	1	B	Res.	67	50	51	NA	60	61	51	10
CZ-065	3925 Old Farm Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	NA	74	75	59	16
CZ-066	3817 Magnolia Dr, Row 5 Flr. 1	1	B	Res.	67	45	46	NA	51	52	47	6
CZ-067	3920 Old Farm Rd, Row 2 Flr. 1	1	B	Res.	67	54	55	NA	66	67	56	11
CZ-068	3916 Two Oaks Rd, Row 4 Flr. 1	1	B	Res.	67	47	48	NA	54	55	48	7
CZ-069	3913 Two Oaks Rd, Row 3 Flr. 1	1	B	Res.	67	49	50	NA	58	59	49	10
CZ-070	3 Two Oaks Ct, Row 3 Flr. 1	1	B	Res.	67	51	52	NA	61	62	51	11
CZ-071	3921 Old Farm Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	NA	74	75	59	16
CZ-072	3815 Magnolia Dr, Row 5 Flr. 1	1	B	Res.	67	44	45	NA	51	52	46	6
CZ-073	3916 Old Farm Rd, Row 2 Flr. 1	1	B	Res.	67	54	55	NA	66	67	56	11
CZ-074	3912 Two Oaks Rd, Row 4 Flr. 1	1	B	Res.	67	46	47	NA	53	54	47	7
CZ-075	3909 Two Oaks Rd, Row 3 Flr. 1	1	B	Res.	67	48	49	NA	57	58	49	9
CZ-076	3917 Old Farm Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	NA	74	75	59	16
CZ-077	5 Two Oaks Ct, Row 3 Flr. 1	1	B	Res.	67	51	52	NA	62	62	52	11
CZ-078	3912 Old Farm Rd, Row 2 Flr. 1	1	B	Res.	67	54	55	NA	66	67	56	11
CZ-079	3813 Magnolia Dr, Row 5 Flr. 1	1	B	Res.	67	44	45	NA	51	52	46	6
CZ-080	3908 Two Oaks Rd, Row 4 Flr. 1	1	B	Res.	67	47	48	NA	54	55	47	8

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
CZ-081	3913 Old Farm Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	NA	74	75	59	16
CZ-082	3908 Old Farm Rd, Row 2 Flr. 1	1	B	Res.	67	54	55	NA	66	67	56	11
CZ-083	3904 Two Oaks Rd, Row 4 Flr. 1	1	B	Res.	67	46	48	NA	54	55	47	8
CZ-084	6 Two Oaks Ct, Row 3 Flr. 1	1	B	Res.	67	51	52	NA	61	62	51	11
CZ-085	3905 Two Oaks Rd, Row 3 Flr. 1	1	B	Res.	67	47	48	NA	56	57	47	10
CZ-086	4 Two Oaks Ct, Row 3 Flr. 1	1	B	Res.	67	49	50	NA	59	60	49	11
CZ-087	3720 Red Barn Rd, Row 5 Flr. 1	1	B	Res.	67	44	46	NA	51	52	46	6
CZ-088	3909 Old Farm Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	NA	74	75	59	16
CZ-089	3904 Old Farm Rd, Row 2 Flr. 1	1	B	Res.	67	54	55	NA	66	67	56	11
CZ-090	3900 Two Oaks Rd, Row 4 Flr. 1	1	B	Res.	67	47	48	NA	55	56	49	7
CZ-091	3712 Red Barn Rd, Row 3 Flr. 1	1	B	Res.	67	48	49	NA	56	57	47	10
CZ-092	3708 Red Barn Rd, Row 3 Flr. 1	1	B	Res.	67	50	51	NA	59	59	49	10
CZ-093	3704 Red Barn Rd, Row 3 Flr. 1	1	B	Res.	67	51	52	NA	61	62	51	10
CZ-094	3905 Old Farm Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	NA	74	75	59	16
CZ-095	3900 Old Farm Rd, Row 2 Flr. 1	1	B	Res.	67	54	55	NA	66	67	56	12
CZ-096	1 Little Church Rd, Row 5 Flr. 1	1	B	Res.	67	45	46	NA	51	52	46	6
CZ-097	3898 Two Oaks Rd, Row 4 Flr. 1	1	B	Res.	67	47	48	NA	55	56	48	8
CZ-098	3901 Old Farm Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	NA	74	75	59	16
CZ-099	3717 Red Barn Rd, Row 4 Flr. 1	1	B	Res.	67	45	47	NA	55	56	48	8
CZ-100	3 Little Church Rd, Row 5 Flr. 1	1	B	Res.	67	44	45	NA	51	52	46	5
CZ-101	3713 Red Barn Rd, Row 4 Flr. 1	1	B	Res.	67	47	48	NA	57	58	49	9
CZ-102	3709 Red Barn Rd, Row 3 Flr. 1	1	B	Res.	67	48	49	NA	59	60	50	10
CZ-103	3840 Two Oaks Rd, Row 4 Flr. 1	1	B	Res.	67	46	47	NA	54	55	47	8
CZ-104	3705 Red Barn Rd, Row 3 Flr. 1	1	B	Res.	67	50	51	NA	61	62	51	11
CZ-105	3899 Old Farm Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	NA	74	75	59	16
CZ-106	5 Little Church Rd, Row 5 Flr. 1	1	B	Res.	67	44	45	NA	50	51	45	6
CZ-107	3701 Red Barn Rd, Row 2 Flr. 1	1	B	Res.	67	54	55	NA	66	67	55	12
CZ-108	3836 Two Oaks Rd, Row 4 Flr. 1	1	B	Res.	67	46	47	NA	54	55	47	8
CZ-109	1 Pine Needles Cir, Row 4 Flr. 1	1	B	Res.	67	46	47	NA	55	56	47	9
CZ-110	3 Pine Needles Cir, Row 4 Flr. 1	1	B	Res.	67	47	48	NA	57	58	48	10
CZ-111	5 Pine Needles Cir, Row 3 Flr. 1	1	B	Res.	67	48	49	NA	59	60	49	11
CZ-112	3841 Old Farm Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	NA	74	75	58	16
CZ-113	7 Little Church Rd, Row 5 Flr. 1	1	B	Res.	67	44	45	NA	50	51	45	6
CZ-114	3840 Old Farm Rd, Row 2 Flr. 1	1	B	Res.	67	54	55	NA	66	67	55	12
CZ-115	3832 Two Oaks Rd, Row 4 Flr. 1	1	B	Res.	67	45	46	NA	53	54	46	8
CZ-116	7 Pine Needles Cir, Row 3 Flr. 1	1	B	Res.	67	50	51	NA	61	62	51	11
CZ-117	3837 Old Farm Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	NA	74	75	58	16
CZ-118	3836 Old Farm Rd, Row 2 Flr. 1	1	B	Res.	67	54	55	NA	66	67	55	11
CZ-119	3828 Two Oaks Rd, Row 4 Flr. 1	1	B	Res.	67	45	46	NA	52	53	46	7
CZ-120	9 Little Church Rd, Row 5 Flr. 1	1	B	Res.	67	43	44	NA	49	50	44	6
CZ-121	9 Pine Needles Cir, Row 3 Flr. 1	1	B	Res.	67	51	52	NA	62	63	52	11
CZ-122	17 Pine Needles Cir, Row 4 Flr. 1	1	B	Res.	67	44	45	NA	53	54	46	8
CZ-123	3833 Old Farm Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	NA	74	75	58	17
CZ-124	15 Pine Needles Cir, Row 4 Flr. 1	1	B	Res.	67	45	46	NA	56	57	47	10

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
CZ-125	3832 Old Farm Rd, Row 2 Flr. 1	1	B	Res.	67	54	55	NA	66	67	56	12
CZ-126	3824 Two Oaks Rd, Row 4 Flr. 1	1	B	Res.	67	44	45	NA	51	52	45	7
CZ-127	11 Pine Needles Cir, Row 3 Flr. 1	1	B	Res.	67	51	52	NA	62	63	52	11
CZ-128	3829 Old Farm Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	NA	74	75	58	17
CZ-129	13 Pine Needles Cir, Row 3 Flr. 1	1	B	Res.	67	47	48	NA	59	59	50	10
CZ-130	33 Old Church Cir, Row 5 Flr. 1	1	B	Res.	67	44	45	NA	49	50	44	6
CZ-131	3828 Old Farm Rd, Row 2 Flr. 1	1	B	Res.	67	54	55	NA	66	67	56	11
CZ-132	3819 Two Oaks Rd, Row 4 Flr. 1	1	B	Res.	67	45	46	NA	55	56	47	8
CZ-133	3820 Two Oaks Rd, Row 4 Flr. 1	1	B	Res.	67	44	45	NA	52	53	46	7
CZ-134	3825 Old Farm Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	NA	74	75	57	18
CZ-135	7 Cammy Cir, Row 3 Flr. 1	1	B	Res.	67	49	50	NA	61	62	51	11
CZ-136	1 Cammy Cir, Row 4 Flr. 1	1	B	Res.	67	45	46	NA	55	56	47	8
CZ-137	3824 Old Farm Rd, Row 2 Flr. 1	1	B	Res.	67	54	55	NA	67	68	55	12
CZ-138	5 Cammy Cir, Row 3 Flr. 1	1	B	Res.	67	47	48	NA	59	59	49	10
CZ-139	3 Cammy Cir, Row 4 Flr. 1	1	B	Res.	67	46	47	NA	57	57	48	9
CZ-140	35 Old Church Cir, Row 5 Flr. 1	1	B	Res.	67	43	45	NA	50	51	45	6
CZ-141	3816 Two Oaks Rd, Row 4 Flr. 1	1	B	Res.	67	45	46	NA	54	55	47	8
CZ-142	3820 Old Farm Rd, Row 2 Flr. 1	1	B	Res.	67	54	55	NA	67	67	55	12
CZ-143	3821 Old Farm Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	NA	74	75	57	18
CZ-144	9 Cammy Cir, Row 3 Flr. 1	1	B	Res.	67	50	52	NA	62	63	52	10
CZ-145	3812 Two Oaks Rd, Row 4 Flr. 1	1	B	Res.	67	44	45	NA	53	54	46	7
CZ-146	37 Old Church Cir, Row 5 Flr. 1	1	B	Res.	67	43	44	NA	50	51	45	6
CZ-147	3816 Old Farm Rd, Row 2 Flr. 1	1	B	Res.	67	54	55	NA	67	67	55	12
CZ-148	3817 Old Farm Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	NA	74	75	57	18
CZ-149	3808 Two Oaks Rd, Row 4 Flr. 1	1	B	Res.	67	46	47	NA	53	54	47	7
CZ-150	39 Old Church Cir, Row 5 Flr. 1	1	B	Res.	67	43	45	NA	49	50	45	5
CZ-151	11 Cammy Cir, Row 3 Flr. 1	1	B	Res.	67	50	51	NA	63	64	53	11
CZ-152	21 Cammy Cir, Row 4 Flr. 1	1	B	Res.	67	45	46	NA	54	55	47	8
CZ-153	3810 Old Farm Rd, Row 2 Flr. 1	1	B	Res.	67	54	55	NA	67	68	55	12
CZ-154	3813 Old Farm Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	NA	74	75	57	18
CZ-155	3804 Two Oaks Rd, Row 4 Flr. 1	1	B	Res.	67	45	46	NA	53	54	47	7
CZ-156	19 Cammy Cir, Row 4 Flr. 1	1	B	Res.	67	45	46	NA	55	56	48	8
CZ-157	17 Cammy Cir, Row 4 Flr. 1	1	B	Res.	67	47	48	NA	56	57	48	8
CZ-158	13 Cammy Cir, Row 3 Flr. 1	1	B	Res.	67	50	51	NA	62	63	53	10
CZ-159	3732 Pinebark Rd, Row 5 Flr. 1	1	B	Res.	67	46	47	NA	50	51	46	5
CZ-160	15 Cammy Cir, Row 3 Flr. 1	1	B	Res.	67	47	48	NA	59	59	50	10
CZ-161	3806 Old Farm Rd, Row 2 Flr. 1	1	B	Res.	67	54	55	NA	67	67	55	12
CZ-162	3809 Old Farm Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	NA	74	75	57	18
CZ-163	3800 Two Oaks Rd, Row 4 Flr. 1	1	B	Res.	67	46	47	NA	53	54	47	7
CZ-164	3724 Pinebark Rd, Row 4 Flr. 1	1	B	Res.	67	46	47	NA	54	55	47	7
CZ-165	3720 Pinebark Rd, Row 4 Flr. 1	1	B	Res.	67	46	48	NA	55	56	48	8
CZ-166	3805 Old Farm Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	NA	74	75	57	18
CZ-167	3716 Pinebark Rd, Row 4 Flr. 1	1	B	Res.	67	47	48	NA	57	58	49	9
CZ-168	3700 Pinebark Rd, Row 2 Flr. 1	1	B	Res.	67	54	55	NA	67	68	55	12

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
CZ-169	3712 Pinebark Rd, Row 3 Flr. 1	1	B	Res.	67	48	49	NA	59	60	50	9
CZ-170	3708 Pinebark Rd, Row 3 Flr. 1	1	B	Res.	67	49	50	NA	61	62	51	10
CZ-171	3704 Pinebark Rd, Row 3 Flr. 1	1	B	Res.	67	51	52	NA	62	63	52	11
CZ-172	3735 Pinebark Rd, Row 5 Flr. 1	1	B	Res.	67	44	45	NA	50	51	46	5
CZ-173	3801 Old Farm Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	NA	74	75	56	18
CZ-174	3733 Pinebark Rd, Row 4 Flr. 1	1	B	Res.	67	45	46	NA	50	51	47	5
CZ-175	3741 Woodmere Dr, Row 5 Flr. 1	1	B	Res.	67	44	45	NA	50	51	46	5
CZ-176	3729 Pinebark Rd, Row 4 Flr. 1	1	B	Res.	67	45	46	NA	51	52	47	5
CZ-177	3725 Pinebark Rd, Row 4 Flr. 1	1	B	Res.	67	45	46	NA	52	53	47	6
CZ-178	3799 Old Farm Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	NA	74	75	57	18
CZ-179	3721 Pinebark Rd, Row 4 Flr. 1	1	B	Res.	67	46	47	NA	54	54	48	6
CZ-180	3717 Pinebark Rd, Row 3 Flr. 1	1	B	Res.	67	47	48	NA	55	56	49	6
CZ-181	3713 Pinebark Rd, Row 3 Flr. 1	1	B	Res.	67	47	48	NA	56	57	49	7
CZ-182	3709 Pinebark Rd, Row 3 Flr. 1	1	B	Res.	67	48	49	NA	58	59	50	8
CZ-183	3737 Woodmere Dr, Row 5 Flr. 1	1	B	Res.	67	45	46	NA	50	50	46	4
CZ-184	3705 Pinebark Rd, Row 2 Flr. 1	1	B	Res.	67	49	50	NA	61	62	51	11
CZ-185	Pepperwood Townhomes, 3768 Pepperwood Ct, Row 4 Flr. 1	2	B	Res.	67	45	46	NA	51	52	46	5
CZ-186	Pepperwood Townhomes, 3770 Pepperwood Ct, Row 4 Flr. 1	2	B	Res.	67	45	46	NA	51	52	47	5
CZ-187	3701 Pinebark Rd, Row 2 Flr. 1	1	B	Res.	67	52	53	NA	65	66	53	12
CZ-188	Pepperwood Townhomes, 3772 Pepperwood Ct, Row 4 Flr. 1	2	B	Res.	67	45	46	NA	51	52	47	5
CZ-189	3795 Old Farm Rd, Row 1 Flr. 1	1	B	Res.	67	58	58	NA	74	75	57	18
CZ-190	Pepperwood Townhomes, 65 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	48	49	NA	57	58	50	7
CZ-191	Pepperwood Townhomes, 63 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	49	50	NA	58	59	50	8
CZ-192	Pepperwood Townhomes, 67 Pepperwood Pl, Row 1 Flr. 1	1	B	Res.	67	47	48	NA	58	59	50	9
CZ-193	Pepperwood Townhomes, 69 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	47	48	NA	59	59	50	9
CZ-194	Pepperwood Townhomes, 71 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	48	49	NA	59	60	50	9
CZ-195	3733 Woodmere Dr, Row 5 Flr. 1	1	B	Res.	67	45	46	NA	49	50	46	4
CZ-196	Pepperwood Townhomes, 73 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	48	49	NA	59	60	51	9
CZ-197	Pepperwood Townhomes, 75 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	49	50	NA	60	61	51	9
CZ-198	Pepperwood Townhomes, 61 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	49	50	NA	58	59	51	8
CZ-199	Pepperwood Townhomes, 77 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	49	51	NA	60	61	51	9
CZ-200	Pepperwood Townhomes, 79 Pepperwood Pl, Row 2 Flr. 1	1	B	Res.	67	49	50	NA	61	62	51	10
CZ-201	Pepperwood Townhomes, 81 Pepperwood Pl, Row 2 Flr. 1	1	B	Res.	67	49	51	NA	61	62	52	10
CZ-202	Pepperwood Townhomes, 83 Pepperwood Pl, Row 2 Flr. 1	1	B	Res.	67	50	51	NA	62	63	52	10
CZ-203	Pepperwood Townhomes, 85 Pepperwood Pl, Row 2 Flr. 1	1	B	Res.	67	50	51	NA	63	64	52	12
CZ-204	Pepperwood Townhomes, 59 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	49	50	NA	58	59	50	8
CZ-205	Pepperwood Townhomes, 87 Pepperwood Pl, Row 2 Flr. 1	1	B	Res.	67	51	52	NA	64	65	53	11
CZ-206	Pepperwood Townhomes, 89 Pepperwood Pl, Row 2 Flr. 1	1	B	Res.	67	53	54	NA	65	66	54	11
CZ-207	Pepperwood Townhomes, 103 Pepperwood Pl, Row 1 Flr. 1	1	B	Res.	67	57	58	NA	73	74	57	16
CZ-208	Pepperwood Townhomes, 57 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	48	49	NA	58	58	50	8
CZ-209	Pepperwood Townhomes, 101 Pepperwood Pl, Row 1 Flr. 1	1	B	Res.	67	57	58	NA	73	74	57	16
CZ-210	Pepperwood Townhomes, 55 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	48	49	NA	57	58	49	8
CZ-211	Pepperwood Townhomes, 3774 Pepperwood Ct, Row 3 Flr. 1	1	B	Res.	67	44	45	NA	50	51	45	5
CZ-212	3729 Woodmere Dr, Row 5 Flr. 1	1	B	Res.	67	45	46	NA	49	50	46	3

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
CZ-213	Pepperwood Townhomes, 99 Pepperwood Pl, Row 1 Flr. 1	1	B	Res.	67	57	58	NA	73	74	57	16
CZ-214	Pepperwood Townhomes, 53 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	47	48	NA	55	56	48	7
CZ-215	Pepperwood Townhomes, 97 Pepperwood Pl, Row 1 Flr. 1	1	B	Res.	67	57	58	NA	73	74	57	16
CZ-216	Pepperwood Townhomes, 3776 Pepperwood Ct, Row 3 Flr. 1	1	B	Res.	67	44	45	NA	49	50	45	5
CZ-217	Pepperwood Townhomes, 51 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	49	50	NA	58	59	50	8
CZ-218	Pepperwood Townhomes, 95 Pepperwood Pl, Row 1 Flr. 1	1	B	Res.	67	57	58	NA	73	74	57	15
CZ-219	Pepperwood Townhomes, 3778 Pepperwood Ct, Row 3 Flr. 1	1	B	Res.	67	44	45	NA	49	50	45	5
CZ-220	Pepperwood Townhomes, 49 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	49	50	NA	58	58	50	8
CZ-221	Pepperwood Townhomes, 93 Pepperwood Pl, Row 1 Flr. 1	1	B	Res.	67	57	58	NA	73	74	57	14
CZ-222	Pepperwood Townhomes, 131 Pepperwood Pl, Row 1 Flr. 1	1	B	Res.	67	48	49	NA	58	59	49	7
CZ-223	Pepperwood Townhomes, 129 Pepperwood Pl, Row 1 Flr. 1	1	B	Res.	67	48	49	NA	58	59	49	8
CZ-224	Pepperwood Townhomes, 127 Pepperwood Pl, Row 1 Flr. 1	1	B	Res.	67	48	49	NA	59	60	49	8
CZ-225	Pepperwood Townhomes, 3780 Pepperwood Ct, Row 3 Flr. 1	1	B	Res.	67	44	45	NA	49	50	45	5
CZ-226	Pepperwood Townhomes, 125 Pepperwood Pl, Row 1 Flr. 1	1	B	Res.	67	49	50	NA	60	61	50	8
CZ-227	Pepperwood Townhomes, 47 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	48	49	NA	56	57	49	7
CZ-228	Pepperwood Townhomes, 91 Pepperwood Pl, Row 1 Flr. 1	1	B	Res.	67	57	58	NA	73	74	57	14
CZ-229	Pepperwood Townhomes, 123 Pepperwood Pl, Row 1 Flr. 1	1	B	Res.	67	49	50	NA	61	62	51	9
CZ-230	3725 Woodmere Dr, Row 5 Flr. 1	1	B	Res.	67	45	46	NA	49	50	46	3
CZ-231	Pepperwood Townhomes, 121 Pepperwood Pl, Row 1 Flr. 1	1	B	Res.	67	50	51	NA	63	64	51	9
CZ-232	Pepperwood Townhomes, 119 Pepperwood Pl, Row 1 Flr. 1	1	B	Res.	67	51	52	NA	64	65	52	10
CZ-233	Pepperwood Townhomes, 117 Pepperwood Pl, Row 1 Flr. 1	1	B	Res.	67	53	54	NA	65	66	54	10
CZ-234	Pepperwood Townhomes, 115 Pepperwood Pl, Row 1 Flr. 1	1	B	Res.	67	53	54	NA	65	66	54	9
CZ-235	Pepperwood Townhomes, 3782 Pepperwood Ct, Row 3 Flr. 1	1	B	Res.	67	44	45	NA	48	49	44	4
CZ-236	Pepperwood Townhomes, 45 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	47	48	NA	54	55	49	5
CZ-237	Pepperwood Townhomes, 113 Pepperwood Pl, Row 1 Flr. 1	1	B	Res.	67	52	53	NA	65	66	53	10
CZ-238	Pepperwood Townhomes, 3760 Pepperwood Ct, Row 4 Flr. 1	2	B	Res.	67	45	46	NA	49	50	47	3
CZ-239	Pepperwood Townhomes, 111 Pepperwood Pl, Row 1 Flr. 1	1	B	Res.	67	52	53	NA	66	67	53	10
CZ-240	Pepperwood Townhomes, 109 Pepperwood Pl, Row 1 Flr. 1	1	B	Res.	67	53	54	NA	67	68	54	11
CZ-241	Pepperwood Townhomes, 43 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	47	48	NA	54	54	48	5
CZ-242	Pepperwood Townhomes, 107 Pepperwood Pl, Row 1 Flr. 1	1	B	Res.	67	54	55	NA	69	70	55	11
CZ-243	Pepperwood Townhomes, 105 Pepperwood Pl, Row 1 Flr. 1	1	B	Res.	67	56	57	NA	71	72	56	12
CZ-244	Pepperwood Townhomes, 41 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	47	48	NA	53	54	48	4
CZ-245	Pepperwood Townhomes, 3756 Pepperwood Ct, Row 4 Flr. 1	2	B	Res.	67	45	46	NA	50	50	47	3
CZ-246	Pepperwood Townhomes, 39 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	47	48	NA	53	54	48	5
CZ-247	Pepperwood Townhomes, 139 Pepperwood Pl, Row 1 Flr. 1	1	B	Res.	67	53	54	NA	63	64	53	8
CZ-248	Pepperwood Townhomes, 11 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	45	46	NA	50	51	47	4
CZ-249	3721 Woodmere Dr, Row 5 Flr. 1	1	B	Res.	67	45	46	NA	49	50	47	2
CZ-250	Pepperwood Townhomes, 13 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	45	46	NA	50	51	46	4
CZ-251	Pepperwood Townhomes, 15 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	45	46	NA	50	51	46	4
CZ-252	Pepperwood Townhomes, 37 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	47	48	NA	54	55	48	6
CZ-253	Pepperwood Townhomes, 17 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	45	46	NA	50	51	46	5
CZ-254	Pepperwood Townhomes, 19 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	44	45	NA	50	51	45	5
CZ-255	Pepperwood Townhomes, 23 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	43	44	NA	48	49	44	5
CZ-256	Pepperwood Townhomes, 137 Pepperwood Pl, Row 1 Flr. 1	1	B	Res.	67	53	54	NA	63	64	53	8

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
CZ-257	Pepperwood Townhomes, 3752 Pepperwood Ct, Row 4 Flr. 1	2	B	Res.	67	46	47	NA	49	50	47	3
CZ-258	Pepperwood Townhomes, 25 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	43	44	NA	49	50	44	5
CZ-259	Pepperwood Townhomes, 27 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	43	44	NA	49	50	44	6
CZ-260	Pepperwood Townhomes, 35 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	47	48	NA	54	55	48	7
CZ-261	Pepperwood Townhomes, 29 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	44	45	NA	50	51	45	5
CZ-262	Pepperwood Townhomes, 31 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	45	46	NA	50	51	46	5
CZ-263	Pepperwood Townhomes, 33 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	46	47	NA	51	52	47	5
CZ-264	Pepperwood Townhomes, 135 Pepperwood Pl, Row 1 Flr. 1	1	B	Res.	67	53	54	NA	63	64	54	8
CZ-265	Pepperwood Townhomes, 3748 Pepperwood Ct, Row 4 Flr. 1	1	B	Res.	67	46	47	NA	49	50	47	3
CZ-266	Pepperwood Townhomes, 133 Pepperwood Pl, Row 1 Flr. 1	1	B	Res.	67	53	54	NA	63	64	54	8
CZ-267	3717 Woodmere Dr, Row 5 Flr. 1	1	B	Res.	67	46	47	NA	49	50	47	2
CZ-268	Pepperwood Townhomes, 147 Pepperwood Pl, Row 1 Flr. 1	1	B	Res.	67	53	54	NA	63	64	54	8
CZ-269	Pepperwood Townhomes, 3746 Pepperwood Ct, Row 4 Flr. 1	2	B	Res.	67	46	47	NA	49	50	47	2
CZ-270	Pepperwood Townhomes, 145 Pepperwood Pl, Row 1 Flr. 1	1	B	Res.	67	53	54	NA	63	64	54	8
CZ-271	Pepperwood Townhomes, 143 Pepperwood Pl, Row 1 Flr. 1	1	B	Res.	67	53	54	NA	63	64	54	8
CZ-272	Pepperwood Townhomes, 171 Pepperwood Pl, Row 2 Flr. 1	1	B	Res.	67	48	49	NA	52	52	49	2
CZ-273	Pepperwood Townhomes, 3742 Pepperwood Ct, Row 4 Flr. 1	2	B	Res.	67	46	47	NA	49	50	48	2
CZ-274	Pepperwood Townhomes, 193 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	46	47	NA	48	49	47	1
CZ-275	Pepperwood Townhomes, 141 Pepperwood Pl, Row 1 Flr. 1	1	B	Res.	67	53	54	NA	63	64	54	8
CZ-276	Pepperwood Townhomes, 191 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	46	47	NA	48	49	47	1
CZ-277	Pepperwood Townhomes, 189 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	46	47	NA	48	49	47	1
CZ-278	Pepperwood Townhomes, 187 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	46	47	NA	48	48	47	1
CZ-279	Pepperwood Townhomes, 169 Pepperwood Pl, Row 2 Flr. 1	1	B	Res.	67	49	50	NA	54	55	50	2
CZ-280	Pepperwood Townhomes, 185 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	45	46	NA	47	48	46	0
CZ-281	3713 Woodmere Dr, Row 5 Flr. 1	1	B	Res.	67	46	47	NA	49	50	48	1
CZ-282	Pepperwood Townhomes, 183 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	45	46	NA	47	47	46	0
CZ-283	Pepperwood Townhomes, 179 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	44	45	NA	46	47	45	0
CZ-284	Pepperwood Townhomes, 149 Pepperwood Pl, Row 1 Flr. 1	1	B	Res.	67	53	54	NA	63	64	54	8
CZ-285	Pepperwood Townhomes, 181 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	45	46	NA	47	47	46	0
CZ-286	Pepperwood Townhomes, 177 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	44	45	NA	46	47	45	0
CZ-287	Pepperwood Townhomes, 3738 Pepperwood Ct, Row 4 Flr. 1	2	B	Res.	67	47	48	NA	49	50	48	1
CZ-288	Pepperwood Townhomes, 175 Pepperwood Pl, Row 3 Flr. 1	1	B	Res.	67	45	46	NA	48	48	46	2
CZ-289	Pepperwood Townhomes, 167 Pepperwood Pl, Row 2 Flr. 1	1	B	Res.	67	49	50	NA	55	56	50	2
CZ-290	Pepperwood Townhomes, 151 Pepperwood Pl, Row 1 Flr. 1	1	B	Res.	67	53	54	NA	63	64	54	8
CZ-291	Pepperwood Townhomes, 3790 Pepperwood Ct, Row 2 Flr. 1	1	B	Res.	67	50	51	NA	56	57	51	3
CZ-292	Pepperwood Townhomes, 153 Pepperwood Pl, Row 1 Flr. 1	1	B	Res.	67	53	54	NA	63	64	54	7
CZ-293	Pepperwood Townhomes, 165 Pepperwood Pl, Row 2 Flr. 1	1	B	Res.	67	50	51	NA	57	58	51	4
CZ-294	3715 Pepperwood Pl, Row 1 Flr. 1	1	B	Res.	67	56	57	NA	68	69	56	10
CZ-295	Pepperwood Townhomes, 155 Pepperwood Pl, Row 1 Flr. 1	1	B	Res.	67	53	54	NA	63	64	54	7
CZ-296	Pepperwood Townhomes, 163 Pepperwood Pl, Row 2 Flr. 1	1	B	Res.	67	50	51	NA	57	58	51	5
CZ-297	3709 Woodmere Dr, Row 5 Flr. 1	1	B	Res.	67	47	47	NA	49	50	48	1
CZ-298	Pepperwood Townhomes, 161 Pepperwood Pl, Row 2 Flr. 1	1	B	Res.	67	51	52	NA	58	59	51	5
CZ-299	Pepperwood Townhomes, 3734 Pepperwood Ct, Row 4 Flr. 1	2	B	Res.	67	47	48	NA	50	51	49	1
CZ-300	Pepperwood Townhomes, 159 Pepperwood Pl, Row 2 Flr. 1	1	B	Res.	67	51	52	NA	58	59	52	5

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
CZ-301	Pepperwood Townhomes, 3730 Pepperwood Ct, Row 4 Flr. 1	2	B	Res.	67	48	49	NA	50	51	49	1
CZ-302	Pepperwood Townhomes, 157 Pepperwood Pl, Row 2 Flr. 1	1	B	Res.	67	51	52	NA	58	59	52	5
CZ-303	Pepperwood Townhomes Pool, 3790 Pepperwood Ct, Row 3 Flr. 1	1	C	Rec.	67	48	49	NA	54	54	49	3
CZ-304	3705 Woodmere Dr, Row 5 Flr. 1	1	B	Res.	67	47	48	NA	49	50	48	1
CZ-305	Pepperwood Townhomes, 3726 Pepperwood Ct, Row 3 Flr. 1	2	B	Res.	67	48	49	NA	51	52	50	1
CZ-306	Pepperwood Townhomes, 41 Pepperwood Ln, Row 2 Flr. 1	1	B	Res.	67	51	53	NA	58	59	53	4
CZ-307	Pepperwood Townhomes, 39 Pepperwood Ln, Row 2 Flr. 1	1	B	Res.	67	52	53	NA	58	59	53	5
CZ-308	Pepperwood Townhomes, 37 Pepperwood Ln, Row 2 Flr. 1	1	B	Res.	67	51	52	NA	57	58	52	4
CZ-309	Pepperwood Townhomes, 49 Pepperwood Ln, Row 1 Flr. 1	1	B	Res.	67	52	53	NA	57	58	53	2
CZ-310	Pepperwood Townhomes, 51 Pepperwood Ln, Row 1 Flr. 1	1	B	Res.	67	52	53	NA	56	57	53	1
CZ-311	Pepperwood Townhomes, 3722 Pepperwood Ct, Row 3 Flr. 1	2	B	Res.	67	49	50	NA	51	52	50	1
CZ-312	Pepperwood Townhomes, 53 Pepperwood Ln, Row 1 Flr. 1	1	B	Res.	67	52	53	NA	56	57	53	0
CZ-313	Pepperwood Townhomes, 43 Pepperwood Ln, Row 1 Flr. 1	1	B	Res.	67	51	52	NA	54	55	52	2
CZ-314	Pepperwood Townhomes, 45 Pepperwood Ln, Row 1 Flr. 1	1	B	Res.	67	51	52	NA	55	56	52	3
CZ-315	Pepperwood Townhomes, 47 Pepperwood Ln, Row 1 Flr. 1	1	B	Res.	67	51	52	NA	56	57	53	3
CZ-316	Pepperwood Townhomes, 55 Pepperwood Ln, Row 1 Flr. 1	1	B	Res.	67	52	53	NA	58	59	54	0
CZ-317	Pepperwood Townhomes, 1 Pepperwood Ln, Row 3 Flr. 1	1	B	Res.	67	50	50	NA	52	53	51	2
CZ-318	Pepperwood Townhomes, 35 Pepperwood Ln, Row 2 Flr. 1	1	B	Res.	67	51	52	NA	56	57	52	3
CZ-319	Pepperwood Townhomes, 3 Pepperwood Ln, Row 3 Flr. 1	1	B	Res.	67	50	50	NA	52	53	51	2
CZ-320	Pepperwood Townhomes, 5 Pepperwood Ln, Row 3 Flr. 1	1	B	Res.	67	50	51	NA	52	53	51	2
CZ-321	Pepperwood Townhomes, 57 Pepperwood Ln, Row 1 Flr. 1	1	B	Res.	67	53	54	NA	60	61	54	0
CZ-322	Pepperwood Townhomes, 59 Pepperwood Ln, Row 1 Flr. 1	1	B	Res.	67	54	55	NA	62	63	55	5
CZ-323	Pepperwood Townhomes, 61 Pepperwood Ln, Row 1 Flr. 1	1	B	Res.	67	55	56	NA	64	66	56	5
CZ-324	Pepperwood Townhomes, 7 Pepperwood Ln, Row 3 Flr. 1	1	B	Res.	67	50	51	NA	52	53	51	2
CZ-325	Pepperwood Townhomes, 9 Pepperwood Ln, Row 3 Flr. 1	1	B	Res.	67	49	50	NA	52	53	50	2
CZ-326	Pepperwood Townhomes, 11 Pepperwood Ln, Row 3 Flr. 1	1	B	Res.	67	46	47	NA	49	50	46	2
CZ-327	Pepperwood Townhomes, 13 Pepperwood Ln, Row 3 Flr. 1	1	B	Res.	67	44	45	NA	47	48	44	3
CZ-328	Pepperwood Townhomes, 33 Pepperwood Ln, Row 2 Flr. 1	1	B	Res.	67	51	52	NA	56	56	52	3
CZ-329	Pepperwood Townhomes, 15 Pepperwood Ln, Row 3 Flr. 1	1	B	Res.	67	43	44	NA	47	48	45	2
CZ-330	Pepperwood Townhomes, 17 Pepperwood Ln, Row 3 Flr. 1	1	B	Res.	67	43	44	NA	45	46	44	2
CZ-331	Pepperwood Townhomes, 19 Pepperwood Ln, Row 3 Flr. 1	1	B	Res.	67	43	44	NA	45	46	44	2
CZ-332	Pepperwood Townhomes, 21 Pepperwood Ln, Row 3 Flr. 1	1	B	Res.	67	44	45	NA	46	47	46	1
CZ-333	Pepperwood Townhomes, 23 Pepperwood Ln, Row 3 Flr. 1	1	B	Res.	67	47	48	NA	48	49	48	1
CZ-334	Pepperwood Townhomes, 3718 Pepperwood Ct, Row 3 Flr. 1	2	B	Res.	67	49	50	NA	51	52	51	1
CZ-335	Pepperwood Townhomes, 31 Pepperwood Ln, Row 2 Flr. 1	1	B	Res.	67	51	52	NA	55	56	52	2
CZ-336	3701 Woodmere Dr, Row 5 Flr. 1	1	B	Res.	67	48	49	NA	50	51	49	1
CZ-337	Pepperwood Townhomes, 29 Pepperwood Ln, Row 2 Flr. 1	1	B	Res.	67	51	52	NA	55	55	52	2
CZ-338	Pepperwood Townhomes, 27 Pepperwood Ln, Row 2 Flr. 1	1	B	Res.	67	52	53	NA	55	55	53	2
CZ-339	Pepperwood Townhomes, 25 Pepperwood Ln, Row 2 Flr. 1	1	B	Res.	67	52	53	NA	55	55	53	2
CZ-340	Pepperwood Townhomes, 3714 Pepperwood Ct, Row 3 Flr. 1	2	B	Res.	67	50	51	NA	52	52	51	1
CZ-341	Pepperwood Townhomes, 75 Pepperwood Ln, Row 1 Flr. 1	1	B	Res.	67	51	52	NA	52	53	53	0
CZ-342	Pepperwood Townhomes, 73 Pepperwood Ln, Row 1 Flr. 1	1	B	Res.	67	52	53	NA	52	53	53	0
CZ-343	Pepperwood Townhomes, 67 Pepperwood Ln, Row 1 Flr. 1	1	B	Res.	67	53	54	NA	58	59	54	2
CZ-344	Pepperwood Townhomes, 71 Pepperwood Ln, Row 1 Flr. 1	1	B	Res.	67	52	53	NA	53	54	53	0

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
CZ-345	Pepperwood Townhomes, 65 Pepperwood Ln, Row 1 Flr. 1	1	B	Res.	67	53	54	NA	58	59	54	3
CZ-346	Pepperwood Townhomes, 69 Pepperwood Ln, Row 1 Flr. 1	1	B	Res.	67	52	53	NA	56	57	54	0
CZ-347	Pepperwood Townhomes, 63 Pepperwood Ln, Row 1 Flr. 1	1	B	Res.	67	53	54	NA	59	60	54	3
CZ-348	Pepperwood Townhomes, 3708 Pepperwood Ct, Row 3 Flr. 1	2	B	Res.	67	51	51	NA	52	52	52	0
CZ-349	Pepperwood Townhomes, 77 Pepperwood Ln, Row 1 Flr. 1	1	B	Res.	67	52	53	NA	57	58	54	2
CZ-350	Pepperwood Townhomes, 79 Pepperwood Ln, Row 1 Flr. 1	1	B	Res.	67	52	53	NA	56	57	54	2
CZ-351	3721 Towne Point Rd, Row 2 Flr. 1	1	B	Res.	67	53	54	NA	54	55	54	1
CZ-352	Pepperwood Townhomes, 81 Pepperwood Ln, Row 1 Flr. 1	1	B	Res.	67	52	53	NA	56	57	54	2
CZ-353	Pepperwood Townhomes, 3706 Pepperwood Ct, Row 3 Flr. 1	2	B	Res.	67	52	53	NA	53	53	53	0
CZ-354	Pepperwood Townhomes, 83 Pepperwood Ln, Row 1 Flr. 1	1	B	Res.	67	52	53	NA	56	57	54	2
CZ-355	Pepperwood Townhomes, 85 Pepperwood Ln, Row 1 Flr. 1	1	B	Res.	67	53	54	NA	56	57	54	1
CZ-356	Pepperwood Townhomes, 3700 Pepperwood Ct, Row 3 Flr. 1	2	B	Res.	67	52	53	NA	53	54	53	0
CZ-357	Pepperwood Townhomes, 87 Pepperwood Ln, Row 1 Flr. 1	1	B	Res.	67	54	55	NA	57	57	55	1
CZ-358	Pepperwood Townhomes, 89 Pepperwood Ln, Row 1 Flr. 1	1	B	Res.	67	54	55	NA	57	58	55	1
CZ-359	Pepperwood Townhomes, 3705 Pepperwood Ct, Row 2 Flr. 1	3	B	Res.	67	56	56	NA	56	57	NA	NA
CZ-360	The Village Church Of Portsmouth, 3723 Towne Point Rd, Row 1 Flr. 1	1	D	Int.	52	32	33	NA	33	34	NA	NA
DB-001	3620 Forest Haven Ln, Row 1 Flr. 1	1	B	Res.	67	60	61	NA	72	73	62	11
DB-002	3616 Forest Haven Ln, Row 2 Flr. 1	1	B	Res.	67	59	60	NA	70	71	62	8
DB-003	3612 Forest Haven Ln, Row 2 Flr. 1	1	B	Res.	67	58	59	NA	67	68	62	6
DB-004	3600 Forest Haven Ln, Row 4 Flr. 1	1	B	Res.	67	55	56	NA	61	62	59	3
DB-005	3604 Forest Haven Ln, Row 3 Flr. 1	1	B	Res.	67	57	58	NA	63	64	60	4
DB-006	3625 Forest Haven Ln, Row 1 Flr. 1	1	B	Res.	67	59	60	NA	73	74	60	14
DB-007	3621 Forest Haven Ln, Row 2 Flr. 1	1	B	Res.	67	56	57	NA	69	70	58	12
DB-008	3617 Forest Haven Ln, Row 2 Flr. 1	1	B	Res.	67	53	54	NA	64	65	56	9
DB-009	3613 Forest Haven Ln, Row 3 Flr. 1	1	B	Res.	67	52	53	NA	61	62	54	7
DB-010	3609 Forest Haven Ln, Row 3 Flr. 1	1	B	Res.	67	51	52	NA	59	60	53	7
DB-011	3605 Forest Haven Ln, Row 4 Flr. 1	1	B	Res.	67	50	51	NA	58	59	53	6
DB-012	3630 Kenny Ct, Row 2 Flr. 1	1	B	Res.	67	56	58	NA	69	70	58	11
DB-013	3632 Kenny Ct, Row 1 Flr. 1	1	B	Res.	67	60	61	NA	74	75	61	14
DB-014	3626 Kenny Ln, Row 2 Flr. 1	1	B	Res.	67	54	55	NA	64	65	57	8
DB-015	3620 Kenny Ln, Row 3 Flr. 1	1	B	Res.	67	52	54	NA	62	62	55	7
DB-016	3616 Kenny Ln, Row 3 Flr. 1	1	B	Res.	67	52	53	NA	60	61	55	6
DB-017	3612 Kenny Ln, Row 4 Flr. 1	1	B	Res.	67	51	52	NA	58	59	54	6
DB-018	3628 Kenny Ln, Row 2 Flr. 1	1	B	Res.	67	54	55	NA	65	66	57	9
DB-019	3634 Kenny Ct, Row 1 Flr. 1	1	B	Res.	67	60	61	NA	75	76	62	15
DB-020	3636 Kenny Ln, Row 1 Flr. 1	1	B	Res.	67	59	61	NA	74	75	61	14
DB-021	3621 Kenny Ln, Row 3 Flr. 1	1	B	Res.	67	50	51	NA	58	59	51	7
DB-022	3617 Kenny Ln, Row 3 Flr. 1	1	B	Res.	67	49	50	NA	57	58	51	7
DB-023	3625 Kenny Ln, Row 2 Flr. 1	1	B	Res.	67	51	52	NA	60	61	53	8
DB-024	3629 Kenny Ln, Row 2 Flr. 1	1	B	Res.	67	58	60	NA	66	67	57	10
DB-025	3613 Kenny Ln, Row 4 Flr. 1	1	B	Res.	67	48	49	NA	55	56	50	6
DB-026	3640 Kenny Ln, Row 1 Flr. 1	1	B	Res.	67	60	61	NA	76	77	62	15
DB-027	Sleep Inn & Suites, 3280 Western Branch Blvd, Row 3 Flr. 1	1	E	Com.	72	49	50	NA	57	58	51	7
DB-028	Churchland Square Apts, 6801 Kenny Ln, Row 2 Flr. 1	12	B	Res.	67	54	55	NA	65	66	56	10

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
DB-029	Churchland Square Apts, 6800 Kenny Ln, Row 1 Flr. 1	8	B	Res.	67	60	61	NA	75	76	62	14
DB-030	Churchland Square Apts, 6800 Kenny Ln, Row 1 Flr. 1	8	B	Res.	67	61	62	NA	77	78	61	16
DB-031	Churchland Square Apts, 6801 Kenny Ln, Row 2 Flr. 1	8	B	Res.	67	52	53	NA	61	62	54	8
DB-032	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 1	2	B	Res.	67	48	50	NA	56	57	50	6
DB-033	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 2	2	B	Res.	67	51	52	NA	61	62	53	9
DB-034	Churchland Square Apts, 6800 Kenny Ln, Row 1 Flr. 1	10	B	Res.	67	60	61	NA	74	75	61	14
DB-035	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 1	2	B	Res.	67	46	47	NA	52	53	48	5
DB-036	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 2	2	B	Res.	67	49	50	NA	57	58	51	7
DB-037	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 1	2	B	Res.	67	44	45	NA	51	51	47	4
DB-038	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 2	2	B	Res.	67	47	49	NA	55	56	50	6
DB-039	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 1	2	B	Res.	67	43	44	NA	49	50	46	4
DB-040	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 2	2	B	Res.	67	47	48	NA	54	55	49	6
DB-041	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 1	2	B	Res.	67	49	50	NA	56	57	51	6
DB-042	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 2	2	B	Res.	67	51	52	NA	61	62	53	9
DB-043	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 1	2	B	Res.	67	46	47	NA	52	53	48	5
DB-044	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 2	2	B	Res.	67	48	49	NA	57	58	51	7
DB-045	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 1	2	B	Res.	67	43	44	NA	47	48	45	2
DB-046	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 2	2	B	Res.	67	46	47	NA	50	51	48	2
DB-047	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 1	2	B	Res.	67	42	43	NA	45	46	45	2
DB-048	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 2	2	B	Res.	67	45	47	NA	49	50	48	2
DB-049	Churchland Square Apts, 6801 Kenny Ln, Row 2 Flr. 1	8	B	Res.	67	52	53	NA	62	63	54	9
DB-050	Churchland Square Apts, 6800 Kenny Ln, Row 1 Flr. 1	10	B	Res.	67	60	61	NA	74	75	61	14
DB-051	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 1	2	B	Res.	67	48	49	NA	55	56	50	6
DB-052	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 2	2	B	Res.	67	50	51	NA	59	60	52	8
DB-053	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 1	2	B	Res.	67	46	47	NA	51	52	48	5
DB-054	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 2	2	B	Res.	67	48	50	NA	56	57	51	6
DB-055	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 1	2	B	Res.	67	43	44	NA	45	46	45	1
DB-056	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 2	2	B	Res.	67	46	47	NA	48	49	48	1
DB-057	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 1	2	B	Res.	67	41	42	NA	43	44	43	1
DB-058	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 2	2	B	Res.	67	44	46	NA	46	47	47	0
DB-059	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 1	2	B	Res.	67	47	48	NA	54	54	49	5
DB-060	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 2	2	B	Res.	67	49	50	NA	58	59	51	8
DB-061	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 1	2	B	Res.	67	45	46	NA	51	52	47	4
DB-062	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 2	2	B	Res.	67	48	49	NA	55	56	50	6
DB-063	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 1	2	B	Res.	67	43	44	NA	47	48	46	2
DB-064	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 2	2	B	Res.	67	46	47	NA	50	51	48	3
DB-065	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 1	2	B	Res.	67	42	43	NA	44	45	44	1
DB-066	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 2	2	B	Res.	67	44	46	NA	47	48	46	1
DB-067	Churchland Square Apts, 6800 Kenny Ln, Row 1 Flr. 1	10	B	Res.	67	61	62	NA	77	77	61	16
DB-068	Churchland Square Apts, 6801 Kenny Ln, Row 2 Flr. 1	10	B	Res.	67	49	50	NA	56	57	50	6
DB-069	Churchland Square Apts, 6801 Kenny Ln, Row 2 Flr. 1	8	B	Res.	67	52	53	NA	61	62	53	8
DB-070	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 1	2	B	Res.	67	49	50	NA	56	56	50	6
DB-071	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 2	2	B	Res.	67	51	52	NA	60	61	52	9
DB-072	Churchland Square Apts, 6800 Kenny Ln, Row 1 Flr. 1	10	B	Res.	67	60	61	NA	74	75	61	14

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
DB-073	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 1	2	B	Res.	67	43	44	NA	48	49	45	3
DB-074	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 2	2	B	Res.	67	46	47	NA	52	53	48	5
DB-075	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 1	2	B	Res.	67	49	50	NA	56	57	51	6
DB-076	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 2	2	B	Res.	67	51	52	NA	61	62	53	9
DB-077	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 1	2	B	Res.	67	42	43	NA	45	46	45	1
DB-078	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 2	2	B	Res.	67	46	47	NA	48	49	48	1
DB-079	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 1	1	B	Res.	67	44	45	NA	49	50	46	3
DB-080	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 1	2	B	Res.	67	49	50	NA	56	57	50	6
DB-081	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 2	2	B	Res.	67	51	52	NA	60	61	53	9
DB-082	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 1	2	B	Res.	67	42	44	NA	46	47	44	3
DB-083	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 2	2	B	Res.	67	44	46	NA	48	49	46	3
DB-084	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 1	2	B	Res.	67	43	44	NA	47	48	45	3
DB-085	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 2	2	B	Res.	67	46	47	NA	50	51	48	3
DB-086	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 1	2	B	Res.	67	49	50	NA	56	57	51	6
DB-087	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 2	2	B	Res.	67	51	52	NA	61	62	53	9
DB-088	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 1	2	B	Res.	67	45	46	NA	50	51	47	4
DB-089	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 2	2	B	Res.	67	47	48	NA	55	56	49	7
DB-090	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 1	2	B	Res.	67	43	44	NA	48	49	44	4
DB-091	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 2	2	B	Res.	67	45	46	NA	51	52	47	5
DB-092	Churchland Square Apts, 6800 Kenny Ln, Row 1 Flr. 1	8	B	Res.	67	59	60	NA	73	74	60	14
DB-093	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 1	2	B	Res.	67	42	43	NA	46	47	44	3
DB-094	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 2	2	B	Res.	67	45	46	NA	50	50	47	3
DB-095	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 1	2	B	Res.	67	45	46	NA	50	51	47	4
DB-096	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 2	2	B	Res.	67	48	49	NA	55	56	49	7
DB-097	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 1	2	B	Res.	67	41	42	NA	45	46	44	3
DB-098	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 2	2	B	Res.	67	45	46	NA	49	50	47	3
DB-099	Churchland Square Apts, 6801 Kenny Ln, Row 2 Flr. 1	8	B	Res.	67	53	54	NA	63	64	54	9
DB-100	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 1	2	B	Res.	67	45	46	NA	51	52	47	5
DB-101	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 2	2	B	Res.	67	47	48	NA	56	57	48	8
DB-102	Churchland Square Apts, 6800 Kenny Ln, Row 1 Flr. 1	8	B	Res.	67	61	62	NA	76	77	61	16
DB-103	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 1	2	B	Res.	67	48	49	NA	55	56	49	6
DB-104	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 2	2	B	Res.	67	50	51	NA	59	60	51	9
DB-105	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 1	2	B	Res.	67	42	43	NA	45	46	43	2
DB-106	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 2	2	B	Res.	67	44	45	NA	48	48	45	3
DB-107	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 1	2	B	Res.	67	46	47	NA	52	53	48	5
DB-108	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 2	2	B	Res.	67	47	48	NA	55	56	49	7
DB-109	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 1	2	B	Res.	67	45	46	NA	51	52	47	5
DB-110	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 2	2	B	Res.	67	47	48	NA	56	57	49	8
DB-111	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 1	2	B	Res.	67	41	42	NA	44	45	44	1
DB-112	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 2	2	B	Res.	67	44	45	NA	48	49	47	2
DB-113	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 1	2	B	Res.	67	42	43	NA	43	44	44	0
DB-114	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 2	2	B	Res.	67	44	45	NA	45	46	45	1
DB-115	Churchland Square Apts, 6801 Kenny Ln, Row 2 Flr. 1	10	B	Res.	67	50	51	NA	58	59	51	8
DB-116	Churchland Square Apts, 6800 Kenny Ln, Row 1 Flr. 1	8	B	Res.	67	59	60	NA	74	75	60	15

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
DB-117	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 1	2	B	Res.	67	45	46	NA	51	52	47	5
DB-118	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 2	2	B	Res.	67	47	48	NA	56	57	49	8
DB-119	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 1	2	B	Res.	67	39	40	NA	42	43	42	1
DB-120	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 2	2	B	Res.	67	43	45	NA	46	47	46	1
DB-121	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 1	2	B	Res.	67	48	49	NA	55	56	50	7
DB-122	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 2	2	B	Res.	67	49	50	NA	60	61	51	10
DB-123	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 1	2	B	Res.	67	42	43	NA	44	45	44	1
DB-124	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 2	2	B	Res.	67	44	46	NA	47	48	46	2
DB-125	Churchland Square Apts, 6801 Kenny Ln, Row 2 Flr. 1	8	B	Res.	67	53	54	NA	63	64	55	9
DB-126	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 1	2	B	Res.	67	45	46	NA	52	53	47	6
DB-127	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 2	2	B	Res.	67	47	48	NA	57	57	49	8
DB-128	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 1	2	B	Res.	67	49	50	NA	58	59	51	8
DB-129	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 2	2	B	Res.	67	51	52	NA	62	63	52	10
DB-130	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 1	2	B	Res.	67	38	39	NA	40	41	40	1
DB-131	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 2	2	B	Res.	67	42	43	NA	44	45	44	1
DB-132	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 1	2	B	Res.	67	44	45	NA	51	52	46	6
DB-133	Arbour Reach Apts, 3624 Tejo Ln, Row 3 Flr. 2	2	B	Res.	67	46	47	NA	54	55	48	8
DB-134	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 1	2	B	Res.	67	46	47	NA	52	53	48	6
DB-135	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 2	2	B	Res.	67	48	49	NA	57	58	50	8
DB-136	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 1	2	B	Res.	67	38	39	NA	41	41	40	1
DB-137	Arbour Reach Apts, 3624 Tejo Ln, Row 4 Flr. 2	2	B	Res.	67	42	43	NA	44	45	44	1
DB-138	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	52	53	NA	61	62	53	9
DB-139	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	53	54	NA	65	66	54	12
DB-140	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	53	54	NA	62	63	54	9
DB-141	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	54	55	NA	66	67	55	12
DB-142	Churchland Forest Apts, 2 Willow Bend Ct, Row 5 Flr. 1	8	B	Res.	67	51	52	NA	55	56	47	6
DB-143	Churchland Forest Apts, 2 Willow Bend Ct, Row 4 Flr. 1	8	B	Res.	67	46	47	NA	53	54	48	6
DB-144	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	47	48	NA	55	56	48	8
DB-145	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	47	48	NA	59	60	49	11
DB-146	Churchland Forest Apts, 2 Willow Bend Ct, Row 3 Flr. 1	8	B	Res.	67	47	48	NA	55	55	49	7
DB-147	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 1	1	B	Res.	67	58	59	NA	71	72	59	13
DB-148	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	60	61	NA	72	73	61	12
DB-149	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	49	50	NA	59	60	51	9
DB-150	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	50	51	NA	62	63	52	12
DB-151	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 1	1	B	Res.	67	58	59	NA	72	73	60	13
DB-152	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	60	61	NA	72	73	62	12
DB-153	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 1	1	B	Res.	67	54	55	NA	66	67	55	12
DB-154	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	56	57	NA	68	69	57	11
DB-155	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	49	50	NA	58	59	50	10
DB-156	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	50	51	NA	62	63	51	12
DB-157	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 1	1	B	Res.	67	53	54	NA	67	68	55	13
DB-158	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	55	56	NA	68	69	57	12
DB-159	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	53	54	NA	62	63	54	9
DB-160	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	53	54	NA	65	66	55	12

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
DB-161	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	45	46	NA	53	54	46	7
DB-162	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	47	48	NA	57	58	48	9
DB-163	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 1	1	B	Res.	67	55	56	NA	66	67	56	11
DB-164	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	57	58	NA	67	68	57	11
DB-165	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	52	53	NA	61	62	53	9
DB-166	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	52	53	NA	65	66	54	12
DB-167	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 1	1	B	Res.	67	57	58	NA	71	72	59	13
DB-168	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	59	60	NA	72	73	61	12
DB-169	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 1	1	B	Res.	67	54	55	NA	66	67	56	11
DB-170	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	56	57	NA	68	69	58	10
DB-171	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 1	1	B	Res.	67	56	57	NA	70	71	58	13
DB-172	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	58	59	NA	71	72	60	12
DB-173	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 1	1	B	Res.	67	58	59	NA	72	73	60	13
DB-174	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	60	61	NA	72	73	62	12
DB-175	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 1	1	B	Res.	67	58	60	NA	73	74	60	14
DB-176	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	61	62	NA	73	74	62	12
DB-177	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 1	1	B	Res.	67	51	52	NA	61	61	53	8
DB-178	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 2	1	B	Res.	67	52	53	NA	64	65	53	12
DB-179	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 1	1	B	Res.	67	54	55	NA	67	68	55	12
DB-180	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	56	57	NA	68	69	58	11
DB-181	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 1	1	B	Res.	67	52	53	NA	61	62	53	8
DB-182	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 2	1	B	Res.	67	52	53	NA	65	66	54	12
DB-183	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	54	55	NA	66	67	55	11
DB-184	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	57	58	NA	68	69	58	11
DB-185	Churchland Forest Apts, 2 Willow Bend Ct, Row 3 Flr. 1	8	B	Res.	67	49	50	NA	56	57	50	7
DB-186	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 1	1	B	Res.	67	55	56	NA	67	68	56	12
DB-187	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	56	57	NA	68	69	58	11
DB-188	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 1	1	B	Res.	67	44	45	NA	47	48	45	3
DB-189	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 2	1	B	Res.	67	46	47	NA	50	50	47	3
DB-190	Churchland Forest Apts, 2 Willow Bend Ct, Row 4 Flr. 1	8	B	Res.	67	53	54	NA	55	56	55	1
DB-191	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	54	55	NA	66	67	55	12
DB-192	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	56	57	NA	68	69	58	11
DB-193	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 1	1	B	Res.	67	52	53	NA	61	62	54	8
DB-194	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 2	1	B	Res.	67	53	54	NA	65	66	54	12
DB-195	Churchland Forest Apts, 2 Willow Bend Ct, Row 5 Flr. 1	8	B	Res.	67	48	49	NA	53	53	49	4
DB-196	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 1	1	B	Res.	67	44	45	NA	47	48	45	3
DB-197	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 2	1	B	Res.	67	46	47	NA	50	50	47	3
DB-198	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	54	55	NA	65	66	55	11
DB-199	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	57	58	NA	67	68	58	11
DB-200	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 1	1	B	Res.	67	52	53	NA	62	63	54	8
DB-201	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 2	1	B	Res.	67	53	54	NA	65	66	55	11
DB-202	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	54	55	NA	65	66	56	11
DB-203	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	57	58	NA	68	69	59	10
DB-204	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 1	1	B	Res.	67	44	45	NA	47	48	45	3

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
DB-205	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 2	1	B	Res.	67	46	47	NA	50	51	47	4
DB-206	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 1	1	B	Res.	67	52	53	NA	63	64	54	9
DB-207	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 2	1	B	Res.	67	54	55	NA	66	67	55	11
DB-208	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 1	1	B	Res.	67	44	45	NA	48	49	45	4
DB-209	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 2	1	B	Res.	67	46	47	NA	50	51	47	4
DB-210	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 1	1	B	Res.	67	52	53	NA	63	64	54	10
DB-211	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 2	1	B	Res.	67	54	55	NA	66	67	56	12
DB-212	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 1	1	B	Res.	67	44	45	NA	49	50	45	4
DB-213	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 2	1	B	Res.	67	46	47	NA	51	52	47	5
DB-214	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 1	1	B	Res.	67	57	59	NA	71	72	59	13
DB-215	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	60	61	NA	72	73	62	11
DB-216	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 1	1	B	Res.	67	46	47	NA	54	55	47	8
DB-217	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 2	1	B	Res.	67	48	49	NA	58	59	49	10
DB-218	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 1	1	B	Res.	67	58	59	NA	72	73	60	13
DB-219	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	60	61	NA	72	74	62	11
DB-220	Churchland Forest Apts, 2 Willow Bend Ct, Row 4 Flr. 1	8	B	Res.	67	46	47	NA	51	52	49	3
DB-221	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 1	1	B	Res.	67	54	55	NA	66	68	56	12
DB-222	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	57	58	NA	68	69	58	11
DB-223	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	49	50	NA	61	62	51	10
DB-224	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	52	53	NA	64	65	54	11
DB-225	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 1	1	B	Res.	67	57	58	NA	71	72	59	13
DB-226	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	60	61	NA	71	72	61	11
DB-227	Churchland Forest Apts, 2 Willow Bend Ct, Row 5 Flr. 1	8	B	Res.	67	44	45	NA	49	50	45	5
DB-228	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	54	55	NA	66	67	56	11
DB-229	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	57	58	NA	68	69	59	10
DB-230	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	48	49	NA	59	60	50	9
DB-231	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	51	52	NA	62	63	52	11
DB-232	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 1	1	B	Res.	67	58	59	NA	71	72	59	13
DB-233	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	60	61	NA	72	73	62	11
DB-234	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	55	56	NA	66	67	56	11
DB-235	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	57	58	NA	68	69	58	10
DB-236	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 1	1	B	Res.	67	58	59	NA	72	73	60	13
DB-237	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	61	62	NA	73	74	62	12
DB-238	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	48	49	NA	58	59	50	9
DB-239	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	50	51	NA	61	62	52	10
DB-240	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 1	1	B	Res.	67	58	59	NA	67	69	57	12
DB-241	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	59	60	NA	68	69	59	10
DB-242	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	54	55	NA	65	66	56	10
DB-243	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	56	57	NA	67	68	58	11
DB-244	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 1	1	B	Res.	67	56	57	NA	69	70	58	12
DB-245	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	58	59	NA	70	71	60	11
DB-246	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	47	48	NA	57	58	49	8
DB-247	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	50	51	NA	60	61	51	10
DB-248	Churchland Forest Apts, 2 Willow Bend Ct, Row 3 Flr. 1	1	B	Res.	67	50	51	NA	56	57	51	6

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
DB-249	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	54	55	NA	64	65	55	9
DB-250	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	55	56	NA	67	68	57	11
DB-251	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 1	1	B	Res.	67	51	52	NA	60	61	53	8
DB-252	Churchland Forest Apts, 2 Willow Bend Ct, Row 4 Flr. 1	8	B	Res.	67	47	48	NA	53	54	48	5
DB-253	Churchland Forest Apts, 2 Willow Bend Ct, Row 5 Flr. 1	8	B	Res.	67	44	45	NA	50	51	46	5
DB-254	Churchland Forest Apts, 2 Willow Bend Ct, Row 3 Flr. 1	8	B	Res.	67	49	50	NA	57	58	50	7
DB-255	Churchland Forest Apts, 2 Willow Bend Ct, Row 4 Flr. 1	8	B	Res.	67	46	47	NA	52	53	48	5
DB-256	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 1	1	B	Res.	67	51	52	NA	60	61	52	8
DB-257	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 2	1	B	Res.	67	52	53	NA	64	65	54	11
DB-258	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	53	54	NA	63	64	54	9
DB-259	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	54	55	NA	66	67	56	11
DB-260	Churchland Forest Apts, 2 Willow Bend Ct, Row 5 Flr. 1	8	B	Res.	67	44	45	NA	49	50	45	4
DB-261	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 1	1	B	Res.	67	51	52	NA	60	61	52	8
DB-262	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 2	1	B	Res.	67	52	53	NA	64	65	54	11
DB-263	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 1	1	B	Res.	67	57	58	NA	70	71	59	11
DB-264	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	60	61	NA	71	72	61	11
DB-265	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	53	54	NA	63	64	55	9
DB-266	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	55	56	NA	66	67	57	11
DB-267	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	46	47	NA	48	49	47	2
DB-268	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	47	48	NA	50	51	49	2
DB-269	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 1	1	B	Res.	67	58	59	NA	71	72	60	12
DB-270	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	60	61	NA	71	72	62	10
DB-271	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	54	55	NA	65	66	56	10
DB-272	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	56	57	NA	67	68	57	11
DB-273	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 1	1	B	Res.	67	57	58	NA	68	70	58	11
DB-274	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	59	60	NA	69	70	60	10
DB-275	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	46	47	NA	48	49	48	1
DB-276	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	48	49	NA	51	52	50	2
DB-277	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	55	56	NA	66	67	56	10
DB-278	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	56	57	NA	67	68	58	11
DB-279	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 1	1	B	Res.	67	57	58	NA	69	70	59	11
DB-280	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	59	61	NA	70	71	61	10
DB-281	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	47	48	NA	49	50	48	2
DB-282	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	49	50	NA	51	52	50	3
DB-283	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	50	51	NA	58	59	51	8
DB-284	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	51	52	NA	60	61	53	8
DB-285	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 1	1	B	Res.	67	45	46	NA	54	55	47	7
DB-286	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 2	1	B	Res.	67	46	47	NA	56	57	48	9
DB-287	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 1	1	B	Res.	67	51	52	NA	60	61	53	8
DB-288	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 2	1	B	Res.	67	52	53	NA	62	63	54	9
DB-289	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 1	1	B	Res.	67	54	55	NA	67	68	56	12
DB-290	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	57	58	NA	68	69	58	11
DB-291	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 1	1	B	Res.	67	42	43	NA	46	47	43	3
DB-292	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 2	1	B	Res.	67	44	45	NA	48	49	45	3

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
DB-293	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 1	1	B	Res.	67	57	58	NA	68	69	59	11
DB-294	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	60	61	NA	69	70	62	9
DB-295	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	52	53	NA	62	63	54	8
DB-296	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	54	55	NA	64	65	56	10
DB-297	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 1	1	B	Res.	67	51	52	NA	59	60	53	6
DB-298	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 2	1	B	Res.	67	52	53	NA	61	62	54	8
DB-299	Churchland Forest Apts, 2 Willow Bend Ct, Row 3 Flr. 1	8	B	Res.	67	47	48	NA	52	53	49	4
DB-300	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 1	1	B	Res.	67	56	57	NA	64	65	54	10
DB-301	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	57	58	NA	65	66	56	10
DB-302	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 1	1	B	Res.	67	41	42	NA	45	46	43	3
DB-303	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 2	1	B	Res.	67	44	45	NA	47	48	45	3
DB-304	Churchland Forest Apts, 2 Willow Bend Ct, Row 4 Flr. 1	8	B	Res.	67	47	48	NA	51	52	49	3
DB-305	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	52	53	NA	63	64	54	8
DB-306	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	54	55	NA	64	66	56	10
DB-307	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 1	1	B	Res.	67	56	57	NA	66	67	58	9
DB-308	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	59	60	NA	67	68	60	8
DB-309	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 1	1	B	Res.	67	51	52	NA	58	59	53	5
DB-310	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 2	1	B	Res.	67	53	54	NA	61	62	54	7
DB-311	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 1	1	B	Res.	67	51	52	NA	62	63	53	10
DB-312	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	53	54	NA	64	65	55	9
DB-313	Churchland Forest Apts, 2 Willow Bend Ct, Row 5 Flr. 1	8	B	Res.	67	45	46	NA	48	49	46	3
DB-314	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	52	53	NA	60	61	54	7
DB-315	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	53	54	NA	63	64	55	8
DB-316	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 1	1	B	Res.	67	43	44	NA	47	48	44	3
DB-317	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 2	1	B	Res.	67	46	47	NA	50	51	47	4
DB-318	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 1	1	B	Res.	67	55	57	NA	64	65	57	9
DB-319	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	58	59	NA	65	66	59	8
DB-320	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	52	53	NA	61	62	54	7
DB-321	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	54	55	NA	63	64	56	8
DB-322	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 1	1	B	Res.	67	51	52	NA	56	57	52	4
DB-323	Preston Trails Apts, 6501 Bickford Ln, Row 3 Flr. 2	1	B	Res.	67	52	53	NA	60	61	54	7
DB-324	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 1	1	B	Res.	67	52	53	NA	61	62	54	8
DB-325	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	54	55	NA	63	64	56	8
DB-326	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 1	1	B	Res.	67	55	56	NA	63	64	56	7
DB-327	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	57	58	NA	64	65	58	7
DB-328	Churchland Forest Apts, 2 Willow Bend Ct, Row 5 Flr. 1	8	B	Res.	67	46	46	NA	48	49	47	2
DB-329	Churchland Forest Apts, 2 Willow Bend Ct, Row 3 Flr. 1	8	B	Res.	67	51	52	NA	54	55	52	3
DB-330	Churchland Forest Apts, 2 Willow Bend Ct, Row 4 Flr. 1	8	B	Res.	67	50	51	NA	52	53	51	2
DB-331	Churchland Forest Apts, 2 Willow Bend Ct, Row 5 Flr. 1	8	B	Res.	67	48	49	NA	50	51	49	2
DB-332	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	52	53	NA	57	58	54	5
DB-333	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	53	54	NA	60	61	55	7
DB-334	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	52	53	NA	58	59	54	5
DB-335	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	54	55	NA	61	62	55	7
DB-336	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	48	49	NA	48	49	49	0

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
DB-337	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	50	51	NA	51	52	51	0
DB-338	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	53	54	NA	59	60	55	5
DB-339	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	54	55	NA	61	62	56	6
DB-340	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	48	49	NA	49	50	49	0
DB-341	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	51	51	NA	51	52	52	0
DB-342	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	53	54	NA	59	60	55	4
DB-343	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	55	56	NA	61	62	56	6
DB-344	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	49	50	NA	49	50	50	0
DB-345	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	51	52	NA	52	53	52	0
DB-346	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 1	1	B	Res.	67	54	55	NA	59	60	55	4
DB-347	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	55	56	NA	60	61	57	5
DB-348	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 1	1	B	Res.	67	50	51	NA	51	51	51	0
DB-349	Preston Trails Apts, 6501 Bickford Ln, Row 2 Flr. 2	1	B	Res.	67	52	53	NA	53	54	53	0
DB-350	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 1	1	B	Res.	67	54	55	NA	59	60	55	5
DB-351	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	55	56	NA	60	61	57	5
DB-352	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 1	1	B	Res.	67	53	54	NA	58	59	55	4
DB-353	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	55	56	NA	60	61	56	5
DB-354	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 1	1	B	Res.	67	53	54	NA	58	59	55	4
DB-355	Preston Trails Apts, 6501 Bickford Ln, Row 1 Flr. 2	1	B	Res.	67	55	56	NA	60	61	56	4
DB-356	Churchland Forest Apts, 2 Willow Bend Ct, Row 3 Flr. 1	8	B	Res.	67	50	51	NA	52	53	52	0
DB-357	Churchland Forest Apts, 2 Willow Bend Ct, Row 4 Flr. 1	8	B	Res.	67	50	51	NA	52	53	51	1
DB-358	Churchland Forest Apts, 2 Willow Bend Ct, Row 5 Flr. 1	8	B	Res.	67	49	50	NA	52	52	51	1
DC-001	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 1	1	B	Res.	67	55	56	NA	58	59	56	2
DC-002	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 2	1	B	Res.	67	58	59	NA	61	62	58	3
DC-003	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 1	1	B	Res.	67	54	55	NA	58	59	55	3
DC-004	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 2	1	B	Res.	67	57	58	NA	61	62	57	4
DC-005	Churchland North Baptist Church, 6201 Centenary Rd, Row 1 Flr. 1	1	D	Int.	52	28	29	NA	30	31	29	2
DC-006	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 1	1	B	Res.	67	55	56	NA	59	60	55	3
DC-007	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 2	1	B	Res.	67	58	59	NA	62	63	57	4
DC-008	Stone Ridge Apts, 6200 Hightower Rd, Row 3 Flr. 1	6	B	Res.	67	52	53	NA	53	54	53	1
DC-009	Stone Ridge Apts, 6200 Hightower Rd, Row 3 Flr. 2	6	B	Res.	67	55	56	NA	56	57	56	1
DC-010	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 1	6	B	Res.	67	55	56	NA	60	61	56	3
DC-011	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 2	6	B	Res.	67	58	59	NA	63	64	58	5
DC-012	Stone Ridge Apts, 6200 Hightower Rd, Row 3 Flr. 1	6	B	Res.	67	49	50	NA	50	50	50	0
DC-013	Stone Ridge Apts, 6200 Hightower Rd, Row 3 Flr. 2	6	B	Res.	67	51	52	NA	52	52	52	0
DC-014	Stone Ridge Apts, 6200 Hightower Rd, Row 2 Flr. 1	6	B	Res.	67	52	53	NA	55	56	52	3
DC-015	Stone Ridge Apts, 6200 Hightower Rd, Row 2 Flr. 2	6	B	Res.	67	54	55	NA	58	59	54	3
DC-016	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 1	6	B	Res.	67	56	57	NA	62	63	56	4
DC-017	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 2	6	B	Res.	67	60	61	NA	66	67	58	7
DC-018	Stone Ridge Apts, 6200 Hightower Rd, Row 3 Flr. 1	6	B	Res.	67	47	48	NA	48	48	48	1
DC-019	Stone Ridge Apts, 6200 Hightower Rd, Row 3 Flr. 2	6	B	Res.	67	48	49	NA	49	49	49	0
DC-020	Stone Ridge Apts, 6200 Hightower Rd, Row 2 Flr. 1	6	B	Res.	67	51	52	NA	54	55	51	4
DC-021	Stone Ridge Apts, 6200 Hightower Rd, Row 2 Flr. 2	6	B	Res.	67	53	54	NA	56	57	53	4
DC-022	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 1	6	B	Res.	67	57	58	NA	65	66	56	7

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
DC-023	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 2	6	B	Res.	67	61	62	NA	70	70	58	11
DC-024	Stone Ridge Apts, 6200 Hightower Rd, Row 2 Flr. 1	6	B	Res.	67	51	52	NA	54	54	50	5
DC-025	Stone Ridge Apts, 6200 Hightower Rd, Row 2 Flr. 2	6	B	Res.	67	53	54	NA	56	57	52	6
DC-026	Stone Ridge Apts, 6200 Hightower Rd, Row 3 Flr. 1	6	B	Res.	67	47	48	NA	48	49	47	2
DC-027	Stone Ridge Apts, 6200 Hightower Rd, Row 3 Flr. 2	6	B	Res.	67	48	49	NA	49	50	49	1
DC-028	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 1	6	B	Res.	67	58	59	NA	67	68	56	10
DC-029	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 2	6	B	Res.	67	63	64	NA	71	72	57	15
DC-030	Stone Ridge Apts, 6200 Hightower Rd, Row 3 Flr. 1	6	B	Res.	67	46	47	NA	48	48	47	2
DC-031	Stone Ridge Apts, 6200 Hightower Rd, Row 3 Flr. 2	6	B	Res.	67	48	49	NA	49	50	49	1
DC-032	Stone Ridge Apts, 6200 Hightower Rd, Row 2 Flr. 1	6	B	Res.	67	52	53	NA	55	56	50	7
DC-033	Stone Ridge Apts, 6200 Hightower Rd, Row 2 Flr. 2	6	B	Res.	67	53	54	NA	58	59	51	9
DC-034	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 1	6	B	Res.	67	59	60	NA	70	71	56	13
DC-035	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 2	6	B	Res.	67	64	65	NA	72	73	57	16
DC-036	Stone Ridge Apts, 6200 Hightower Rd, Row 2 Flr. 1	6	B	Res.	67	51	52	NA	55	56	49	8
DC-037	Stone Ridge Apts, 6200 Hightower Rd, Row 2 Flr. 2	6	B	Res.	67	53	54	NA	58	59	50	10
DC-038	Stone Ridge Apts, 6200 Hightower Rd, Row 3 Flr. 1	6	B	Res.	67	47	47	NA	48	48	46	3
DC-039	Stone Ridge Apts, 6200 Hightower Rd, Row 3 Flr. 2	6	B	Res.	67	48	49	NA	49	50	47	3
DC-040	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 1	6	B	Res.	67	58	59	NA	69	70	56	15
DC-041	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 2	6	B	Res.	67	63	64	NA	71	72	57	16
DC-042	Stone Ridge Apts, 6200 Hightower Rd, Row 2 Flr. 1	6	B	Res.	67	51	52	NA	54	55	48	8
DC-043	Stone Ridge Apts, 6200 Hightower Rd, Row 2 Flr. 2	6	B	Res.	67	53	54	NA	58	59	50	10
DC-044	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 1	6	B	Res.	67	57	58	NA	68	69	56	15
DC-045	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 2	6	B	Res.	67	61	62	NA	70	71	57	15
DC-046	Stone Ridge Apts, 6200 Hightower Rd, Row 2 Flr. 1	6	B	Res.	67	50	51	NA	54	55	48	8
DC-047	Stone Ridge Apts, 6200 Hightower Rd, Row 2 Flr. 2	6	B	Res.	67	51	52	NA	57	58	49	10
DC-048	Stone Ridge Apts, 6200 Hightower Rd, Row 2 Flr. 1	6	B	Res.	67	51	52	NA	55	55	49	8
DC-049	Stone Ridge Apts, 6200 Hightower Rd, Row 2 Flr. 2	6	B	Res.	67	53	54	NA	59	60	50	10
DC-050	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 1	6	B	Res.	67	56	57	NA	66	67	56	15
DC-051	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 2	6	B	Res.	67	60	61	NA	69	70	57	15
DC-052	Stone Ridge Apts, 6200 Hightower Rd, Row 2 Flr. 1	6	B	Res.	67	49	50	NA	54	54	47	8
DC-053	Stone Ridge Apts, 6200 Hightower Rd, Row 2 Flr. 2	6	B	Res.	67	50	51	NA	56	57	48	10
DC-054	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 1	6	B	Res.	67	51	52	NA	57	58	51	11
DC-055	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 2	6	B	Res.	67	54	55	NA	62	63	51	14
DC-056	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 1	6	B	Res.	67	56	57	NA	65	66	55	14
DC-057	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 2	6	B	Res.	67	60	61	NA	68	69	56	15
DC-058	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 1	6	B	Res.	67	55	56	NA	64	65	54	14
DC-059	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 2	6	B	Res.	67	59	60	NA	67	68	55	15
DC-060	Stone Ridge Apts, 6200 Hightower Rd, Row 2 Flr. 1	6	B	Res.	67	49	50	NA	53	54	47	8
DC-061	Stone Ridge Apts, 6200 Hightower Rd, Row 2 Flr. 2	6	B	Res.	67	50	51	NA	56	57	48	9
DC-062	3601 Gateway Dr, Row 3 Flr. 1	3	B	Res.	67	51	52	NA	53	53	47	7
DC-063	3601 Gateway Dr, Row 3 Flr. 1	3	B	Res.	67	41	42	NA	44	45	42	3
DC-064	Stone Ridge Apts, 6200 Hightower Rd, Row 2 Flr. 1	6	B	Res.	67	52	53	NA	58	59	48	11
DC-065	Stone Ridge Apts, 6200 Hightower Rd, Row 2 Flr. 2	6	B	Res.	67	54	55	NA	61	62	50	12
DC-066	3601 Gateway Dr, Row 3 Flr. 1	3	B	Res.	67	51	52	NA	53	54	47	7

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
DC-067	3601 Gateway Dr, Row 3 Flr. 1	3	B	Res.	67	41	42	NA	45	46	40	5
DC-068	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 1	6	B	Res.	67	59	60	NA	68	69	56	15
DC-069	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 2	6	B	Res.	67	62	63	NA	70	71	57	15
DC-070	3601 Gateway Dr, Row 3 Flr. 1	3	B	Res.	67	52	53	NA	53	54	47	7
DC-071	3601 Gateway Dr, Row 3 Flr. 1	3	B	Res.	67	42	43	NA	47	48	41	5
DC-072	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 1	6	B	Res.	67	54	55	NA	61	62	49	12
DC-073	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 2	6	B	Res.	67	56	57	NA	63	64	51	13
DC-074	3601 Gateway Dr, Row 3 Flr. 1	3	B	Res.	67	51	52	NA	52	53	46	7
DC-075	3601 Gateway Dr, Row 3 Flr. 1	3	B	Res.	67	43	44	NA	47	48	42	6
DC-076	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 1	6	B	Res.	67	60	61	NA	71	72	56	16
DC-077	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 2	6	B	Res.	67	64	65	NA	72	73	57	16
DC-078	3601 Gateway Dr, Row 2 Flr. 1	3	B	Res.	67	42	43	NA	43	44	42	2
DC-079	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 1	6	B	Res.	67	56	57	NA	64	65	51	14
DC-080	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 2	6	B	Res.	67	58	59	NA	66	67	52	14
DC-081	3601 Gateway Dr, Row 2 Flr. 1	3	B	Res.	67	42	43	NA	43	44	42	2
DC-082	3601 Gateway Dr, Row 2 Flr. 1	3	B	Res.	67	42	43	NA	43	44	42	2
DC-083	3601 Gateway Dr, Row 2 Flr. 1	3	B	Res.	67	56	57	NA	57	58	48	10
DC-084	3601 Gateway Dr, Row 2 Flr. 1	3	B	Res.	67	39	40	NA	41	41	41	1
DC-085	3601 Gateway Dr, Row 2 Flr. 1	3	B	Res.	67	54	55	NA	55	56	47	9
DC-086	3601 Gateway Dr, Row 2 Flr. 1	3	B	Res.	67	51	52	NA	54	55	48	7
DC-087	3601 Gateway Dr, Row 4 Flr. 1	3	B	Res.	67	45	46	NA	48	49	43	6
DC-088	3601 Gateway Dr, Row 2 Flr. 1	3	B	Res.	67	50	51	NA	53	54	47	7
DC-089	3601 Gateway Dr, Row 4 Flr. 1	3	B	Res.	67	41	42	NA	46	47	40	6
DC-090	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 1	6	B	Res.	67	56	57	NA	67	68	53	15
DC-091	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 2	6	B	Res.	67	60	61	NA	69	70	55	15
DC-092	3601 Gateway Dr, Row 4 Flr. 1	3	B	Res.	67	46	47	NA	48	49	44	5
DC-093	3601 Gateway Dr, Row 4 Flr. 1	3	B	Res.	67	43	44	NA	47	48	41	7
DC-094	3601 Gateway Dr, Row 3 Flr. 1	3	B	Res.	67	45	46	NA	49	50	44	7
DC-095	3601 Gateway Dr, Row 4 Flr. 1	3	B	Res.	67	43	44	NA	48	48	42	7
DC-096	3601 Gateway Dr, Row 1 Flr. 1	3	B	Res.	67	53	54	NA	56	57	47	10
DC-097	3601 Gateway Dr, Row 3 Flr. 1	3	B	Res.	67	46	47	NA	50	51	44	7
DC-098	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 1	6	B	Res.	67	64	65	NA	71	72	56	16
DC-099	Stone Ridge Apts, 6200 Hightower Rd, Row 1 Flr. 2	6	B	Res.	67	66	67	NA	72	73	57	16
DC-100	3601 Gateway Dr, Row 3 Flr. 1	3	B	Res.	67	43	44	NA	48	49	41	8
DC-101	3601 Gateway Dr, Row 1 Flr. 1	3	B	Res.	67	45	46	NA	46	47	43	4
DC-102	3601 Gateway Dr, Row 4 Flr. 1	3	B	Res.	67	44	45	NA	48	48	43	6
DC-103	3601 Gateway Dr, Row 1 Flr. 1	3	B	Res.	67	45	46	NA	46	47	43	4
DC-104	3601 Gateway Dr, Row 1 Flr. 1	3	B	Res.	67	44	45	NA	46	47	43	4
DC-105	3601 Gateway Dr, Row 3 Flr. 1	3	B	Res.	67	43	44	NA	48	49	42	7
DC-106	3601 Gateway Dr, Row 3 Flr. 1	3	B	Res.	67	48	49	NA	52	52	45	8
DC-107	3601 Gateway Dr, Row 1 Flr. 1	3	B	Res.	67	59	60	NA	61	62	50	12
DC-108	3601 Gateway Dr, Row 3 Flr. 1	3	B	Res.	67	42	43	NA	48	49	42	6
DC-109	3601 Gateway Dr, Row 1 Flr. 1	3	B	Res.	67	51	52	NA	56	57	46	11
DC-110	3601 Gateway Dr, Row 1 Flr. 1	3	B	Res.	67	48	49	NA	54	55	45	10

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
DC-111	3601 Gateway Dr, Row 3 Flr. 1	3	B	Res.	67	50	51	NA	53	54	45	10
DC-112	3601 Gateway Dr, Row 1 Flr. 1	3	B	Res.	67	48	49	NA	52	53	44	9
DC-113	3601 Gateway Dr, Row 1 Flr. 1	3	B	Res.	67	47	48	NA	49	50	43	7
DC-114	3601 Gateway Dr, Row 1 Flr. 1	3	B	Res.	67	47	48	NA	50	51	42	9
DC-115	3601 Gateway Dr, Row 1 Flr. 1	3	B	Res.	67	46	47	NA	48	49	42	7
DC-116	3601 Gateway Dr, Row 4 Flr. 1	3	B	Res.	67	45	46	NA	50	51	43	8
DC-117	3601 Gateway Dr, Row 3 Flr. 1	3	B	Res.	67	51	52	NA	55	56	46	10
DC-118	3601 Gateway Dr, Row 3 Flr. 1	3	B	Res.	67	43	44	NA	49	50	42	8
DC-119	3601 Gateway Dr, Row 1 Flr. 1	3	B	Res.	67	46	47	NA	47	48	41	7
DC-120	3601 Gateway Dr, Row 4 Flr. 1	3	B	Res.	67	47	48	NA	51	51	43	9
DC-121	3601 Gateway Dr, Row 3 Flr. 1	3	B	Res.	67	43	44	NA	50	50	43	8
DC-122	3601 Gateway Dr, Row 3 Flr. 1	3	B	Res.	67	54	55	NA	56	57	47	10
DC-123	3601 Gateway Dr, Row 1 Flr. 1	3	B	Res.	67	62	63	NA	64	65	52	13
DC-124	3601 Gateway Dr, Row 1 Flr. 1	3	B	Res.	67	61	62	NA	63	64	51	13
DC-125	3601 Gateway Dr, Row 1 Flr. 1	3	B	Res.	67	60	61	NA	62	62	50	13
DC-126	3601 Gateway Dr, Row 3 Flr. 1	3	B	Res.	67	53	54	NA	55	56	46	11
DC-127	3601 Gateway Dr, Row 1 Flr. 1	3	B	Res.	67	59	60	NA	61	62	49	12
DC-128	3521 Willow Breeze Dr, Row 4 Flr. 1	1	B	Res.	67	46	47	NA	48	49	43	6
DC-129	3601 Gateway Dr, Row 2 Flr. 1	3	B	Res.	67	56	57	NA	58	59	48	11
DC-130	3601 Gateway Dr, Row 3 Flr. 1	3	B	Res.	67	51	52	NA	54	55	45	10
DC-131	3601 Gateway Dr, Row 2 Flr. 1	3	B	Res.	67	48	49	NA	53	54	44	10
DC-132	3601 Gateway Dr, Row 3 Flr. 1	3	B	Res.	67	46	47	NA	51	52	42	11
DC-133	3601 Gateway Dr, Row 2 Flr. 1	3	B	Res.	67	57	58	NA	59	60	50	11
DC-134	3601 Gateway Dr, Row 2 Flr. 1	3	B	Res.	67	52	53	NA	55	56	45	12
DC-135	3601 Gateway Dr, Row 1 Flr. 1	3	B	Res.	67	62	63	NA	64	65	51	14
DC-136	3601 Gateway Dr, Row 1 Flr. 1	3	B	Res.	67	58	59	NA	61	62	50	12
DC-137	3601 Gateway Dr, Row 1 Flr. 1	3	B	Res.	67	57	58	NA	59	60	49	12
DC-138	3601 Gateway Dr, Row 3 Flr. 1	3	B	Res.	67	50	51	NA	52	53	44	9
DC-139	3601 Gateway Dr, Row 1 Flr. 1	3	B	Res.	67	55	56	NA	58	59	48	11
DC-140	3601 Gateway Dr, Row 3 Flr. 1	3	B	Res.	67	52	53	NA	53	54	45	9
DC-141	3601 Gateway Dr, Row 1 Flr. 1	3	B	Res.	67	57	58	NA	60	61	48	11
DC-142	3601 Gateway Dr, Row 1 Flr. 1	3	B	Res.	67	67	68	NA	68	69	55	15
DC-143	3601 Gateway Dr, Row 1 Flr. 1	3	B	Res.	67	65	65	NA	67	68	53	15
DC-144	3601 Gateway Dr, Row 1 Flr. 1	3	B	Res.	67	52	53	NA	55	56	46	10
DC-145	3601 Gateway Dr, Row 1 Flr. 1	3	B	Res.	67	63	64	NA	66	67	53	14
DC-146	3601 Gateway Dr, Row 1 Flr. 1	3	B	Res.	67	62	63	NA	65	66	52	13
DC-147	3601 Gateway Dr, Row 1 Flr. 1	3	B	Res.	67	67	68	NA	69	70	55	15
DC-148	3601 Gateway Dr, Row 1 Flr. 1	3	B	Res.	67	59	60	NA	63	64	52	12
DC-149	3601 Gateway Dr, Row 2 Flr. 1	3	B	Res.	67	55	56	NA	59	59	47	11
DC-150	3601 Gateway Dr, Row 2 Flr. 1	3	B	Res.	67	59	60	NA	61	62	48	14
DC-151	3601 Gateway Dr, Row 1 Flr. 1	3	B	Res.	67	66	67	NA	68	69	54	15
DC-152	3601 Gateway Dr, Row 1 Flr. 1	3	B	Res.	67	58	59	NA	62	63	51	12
DC-153	3601 Gateway Dr, Row 2 Flr. 1	3	B	Res.	67	50	51	NA	53	53	44	9
DC-154	3601 Gateway Dr, Row 2 Flr. 1	3	B	Res.	67	54	55	NA	57	58	46	12

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
DC-155	3601 Gateway Dr, Row 1 Flr. 1	3	B	Res.	67	68	69	NA	70	71	55	15
DC-156	3601 Gateway Dr, Row 2 Flr. 1	3	B	Res.	67	49	50	NA	52	52	44	9
DC-157	3601 Gateway Dr, Row 1 Flr. 1	3	B	Res.	67	67	68	NA	69	70	55	15
DC-158	3601 Gateway Dr, Row 2 Flr. 1	3	B	Res.	67	57	58	NA	61	62	50	12
DC-159	3601 Gateway Dr, Row 2 Flr. 1	3	B	Res.	67	60	61	NA	64	65	52	14
DC-160	3601 Gateway Dr, Row 2 Flr. 1	3	B	Res.	67	47	48	NA	52	53	44	9
DC-161	3601 Gateway Dr, Row 2 Flr. 1	3	B	Res.	67	56	57	NA	61	62	50	11
DC-162	3601 Gateway Dr, Row 2 Flr. 1	3	B	Res.	67	60	61	NA	64	65	51	14
DC-163	3601 Gateway Dr, Row 2 Flr. 1	3	B	Res.	67	55	56	NA	60	61	49	11
DC-164	3601 Gateway Dr, Row 3 Flr. 1	3	B	Res.	67	50	51	NA	54	55	47	8
DC-165	3601 Gateway Dr, Row 2 Flr. 1	3	B	Res.	67	55	56	NA	59	60	49	11
DC-166	3601 Gateway Dr, Row 3 Flr. 1	3	B	Res.	67	52	53	NA	56	57	47	9
DC-167	3601 Gateway Dr, Row 3 Flr. 1	3	B	Res.	67	51	52	NA	54	55	47	8
DC-168	3601 Gateway Dr, Row 3 Flr. 1	3	B	Res.	67	52	53	NA	55	56	47	9
DC-169	5 Hardwood Ct, Row 5 Flr. 1	1	B	Res.	67	50	51	50	53	54	46	7
DC-170	3 Hardwood Ct, Row 4 Flr. 1	1	B	Res.	67	50	51	51	54	55	46	8
DC-171	3936 Hardwood Ln, Row 1 Flr. 1	1	B	Res.	67	56	57	56	59	60	50	10
DC-172	1 Hardwood Ct, Row 4 Flr. 1	1	B	Res.	67	51	52	51	53	54	46	8
DC-173	3940 Hardwood Ln, Row 1 Flr. 1	1	B	Res.	67	58	59	59	64	64	52	12
DC-174	3932 Hardwood Ln, Row 2 Flr. 1	1	B	Res.	67	51	51	51	54	55	46	9
DC-175	3928 Hardwood Ln, Row 2 Flr. 1	1	B	Res.	67	51	52	51	54	55	46	8
DC-176	2 Hardwood Ct, Row 5 Flr. 1	1	B	Res.	67	49	50	49	52	53	44	8
DC-177	3924 Hardwood Ln, Row 3 Flr. 1	1	B	Res.	67	50	51	51	53	54	46	8
DC-178	3920 Hardwood Ln, Row 5 Flr. 1	1	B	Res.	67	50	51	50	52	53	45	7
DC-179	3941 Hardwood Ln, Row 1 Flr. 1	1	B	Res.	67	59	60	59	66	67	53	13
DC-180	3912 Hardwood Ln, Row 5 Flr. 1	1	B	Res.	67	45	46	46	49	50	43	6
DC-181	3937 Hardwood Ln, Row 2 Flr. 1	1	B	Res.	67	54	55	54	62	63	51	12
DC-182	3933 Hardwood Ln, Row 2 Flr. 1	1	B	Res.	67	53	54	53	60	61	50	12
DC-183	3908 Hardwood Ln, Row 6 Flr. 1	1	B	Res.	67	45	46	45	49	50	43	6
DC-184	5 Vista Ct, Row 1 Flr. 1	1	B	Res.	67	61	61	60	71	72	56	17
DC-185	3929 Hardwood Ln, Row 3 Flr. 1	1	B	Res.	67	52	53	52	59	60	49	12
DC-186	7 Vista Ct, Row 2 Flr. 1	1	B	Res.	67	57	58	57	65	66	53	13
DC-187	3925 Hardwood Ln, Row 3 Flr. 1	1	B	Res.	67	52	53	52	58	59	48	12
DC-188	3921 Hardwood Ln, Row 4 Flr. 1	1	B	Res.	67	50	51	50	57	57	47	11
DC-189	3917 Hardwood Ln, Row 5 Flr. 1	1	B	Res.	67	49	50	49	54	55	47	8
DC-190	4029 Kalona Rd, Row 2 Flr. 1	1	B	Res.	67	54	55	54	63	64	51	12
DC-191	4025 Kalona Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	58	66	67	54	13
DC-192	3913 Hardwood Ln, Row 5 Flr. 1	1	B	Res.	67	49	50	49	54	55	47	9
DC-193	4033 Kalona Rd, Row 3 Flr. 1	1	B	Res.	67	53	54	53	62	63	50	11
DC-194	3909 Hardwood Ln, Row 5 Flr. 1	1	B	Res.	67	48	49	48	53	54	46	8
DC-195	4037 Kalona Rd, Row 3 Flr. 1	1	B	Res.	67	52	53	52	60	61	50	12
DC-196	4021 Kalona Rd, Row 1 Flr. 1	1	B	Res.	67	59	59	59	73	74	56	18
DC-197	3905 Hardwood Ln, Row 6 Flr. 1	1	B	Res.	67	47	48	47	52	53	46	7
DC-198	4041 Kalona Rd, Row 4 Flr. 1	1	B	Res.	67	51	52	51	59	60	49	12

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
DC-199	4016 Kalona Rd, Row 2 Flr. 1	1	B	Res.	67	54	55	54	64	65	52	13
DC-200	4012 Kalona Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	57	67	67	54	14
DC-201	3 Wyngate Ct, Row 5 Flr. 1	1	B	Res.	67	49	50	49	52	52	45	8
DC-202	1 Wyngate Ct, Row 4 Flr. 1	1	B	Res.	67	51	52	51	57	58	48	11
DC-203	4040 Kalona Rd, Row 3 Flr. 1	1	B	Res.	67	53	54	53	61	62	50	12
DC-204	5505 Greenbrook Dr, Row 6 Flr. 1	1	B	Res.	67	47	48	47	52	52	45	7
DC-205	5 Wyngate Ct, Row 6 Flr. 1	1	B	Res.	67	45	46	45	49	50	44	7
DC-206	4 Kalona Ct, Row 2 Flr. 1	1	B	Res.	67	55	56	55	65	66	52	13
DC-207	4008 Kalona Rd, Row 1 Flr. 1	1	B	Res.	67	58	58	57	70	71	56	16
DC-208	5501 Greenbrook Dr, Row 6 Flr. 1	1	B	Res.	67	46	47	46	51	52	45	7
DC-209	4044 Kalona Rd, Row 3 Flr. 1	1	B	Res.	67	50	51	50	57	58	48	10
DC-210	7 Wyngate Ct, Row 5 Flr. 1	1	B	Res.	67	50	51	50	55	56	47	9
DC-211	6 Kalona Ct, Row 2 Flr. 1	1	B	Res.	67	54	55	53	63	64	51	12
DC-212	8 Kalona Ct, Row 3 Flr. 1	1	B	Res.	67	52	53	52	60	61	50	12
DC-213	5413 Greenbrook Dr, Row 6 Flr. 1	1	B	Res.	67	47	48	47	52	53	45	8
DC-214	4048 Kalona Rd, Row 3 Flr. 1	1	B	Res.	67	51	52	51	59	60	49	11
DC-215	4004 Kalona Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	58	71	72	56	16
DC-216	4053 Kalona Rd, Row 5 Flr. 1	1	B	Res.	67	47	48	46	52	53	45	7
DC-217	5409 Greenbrook Dr, Row 6 Flr. 1	1	B	Res.	67	48	49	48	53	54	46	8
DC-218	4052 Kalona Rd, Row 3 Flr. 1	1	B	Res.	67	52	53	52	61	62	50	12
DC-219	5408 Greenbrook Dr, Row 6 Flr. 1	1	B	Res.	67	45	46	45	50	51	44	7
DC-220	4057 Kalona Rd, Row 5 Flr. 1	1	B	Res.	67	47	48	47	53	53	46	8
DC-221	3920 Merrifields Blvd, Row 1 Flr. 1	1	B	Res.	67	56	57	56	67	68	53	15
DC-222	3916 Merrifields Blvd, Row 1 Flr. 1	1	B	Res.	67	58	59	58	72	72	56	16
DC-223	5405 Greenbrook Dr, Row 5 Flr. 1	1	B	Res.	67	48	49	48	54	54	46	9
DC-224	3924 Merrifields Blvd, Row 2 Flr. 1	1	B	Res.	67	55	56	54	64	65	52	13
DC-225	4061 Kalona Rd, Row 4 Flr. 1	1	B	Res.	67	48	49	48	54	54	46	9
DC-226	4056 Kalona Rd, Row 3 Flr. 1	1	B	Res.	67	54	54	53	62	63	51	12
DC-227	5404 Greenbrook Dr, Row 6 Flr. 1	1	B	Res.	67	45	46	45	51	52	44	7
DC-228	5401 Greenbrook Dr, Row 5 Flr. 1	1	B	Res.	67	48	49	48	54	55	46	9
DC-229	3928 Kalona Rd, Row 1 Flr. 1	1	B	Res.	67	59	60	59	72	73	56	17
DC-230	3923 Merrifields Blvd, Row 2 Flr. 1	1	B	Res.	67	56	57	56	66	67	53	14
DC-231	3932 Merrifields Blvd, Row 3 Flr. 1	1	B	Res.	67	52	53	52	59	60	49	11
DC-232	5400 Greenbrook Dr, Row 5 Flr. 1	1	B	Res.	67	46	47	46	51	52	45	7
DC-233	4100 Kalona Rd, Row 2 Flr. 1	1	B	Res.	67	56	57	56	64	65	52	13
DC-234	3936 Merrifields Blvd, Row 4 Flr. 1	1	B	Res.	67	48	49	47	54	55	46	9
DC-235	3924 Kalona Rd, Row 1 Flr. 1	1	B	Res.	67	60	61	60	73	74	56	17
DC-236	4104 Kalona Rd, Row 2 Flr. 1	1	B	Res.	67	57	57	57	66	67	54	14
DC-237	4101 Kalona Rd, Row 3 Flr. 1	1	B	Res.	67	50	51	50	58	59	48	11
DC-238	4000 Merrifields Blvd, Row 5 Flr. 1	1	B	Res.	67	45	46	45	50	51	44	7
DC-239	3 Timberland Ct, Row 6 Flr. 1	1	B	Res.	67	45	46	45	49	50	43	7
DC-240	3920 Kalona Rd, Row 1 Flr. 1	1	B	Res.	67	60	61	60	73	74	56	18
DC-241	4105 Kalona Rd, Row 3 Flr. 1	1	B	Res.	67	54	55	54	62	62	50	12
DC-242	4004 Merrifields Blvd, Row 5 Flr. 1	1	B	Res.	67	47	48	47	53	54	46	8

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
DC-243	3935 Merrifields Blvd, Row 3 Flr. 1	1	B	Res.	67	51	52	51	58	59	49	10
DC-244	4108 Kalona Rd, Row 2 Flr. 1	1	B	Res.	67	57	58	57	66	67	54	14
DC-245	4008 Merrifields Blvd, Row 6 Flr. 1	1	B	Res.	67	46	46	46	52	53	45	8
DC-246	3916 Kalona Rd, Row 1 Flr. 1	1	B	Res.	67	61	61	61	74	75	56	18
DC-247	4109 Kalona Rd, Row 2 Flr. 1	1	B	Res.	67	57	57	57	64	65	52	13
DC-248	5325 Greenbrook Dr, Row 3 Flr. 1	1	B	Res.	67	53	54	53	60	61	50	11
DC-249	4003 Merrifields Blvd, Row 4 Flr. 1	1	B	Res.	67	47	48	47	53	54	46	8
DC-250	4012 Merrifields Blvd, Row 6 Flr. 1	1	B	Res.	67	45	45	44	50	51	44	7
DC-251	5321 Greenbrook Dr, Row 3 Flr. 1	1	B	Res.	67	54	55	54	62	63	51	12
DC-252	4005 Merrifields Blvd, Row 4 Flr. 1	1	B	Res.	67	47	48	47	54	54	46	8
DC-253	3912 Kalona Rd, Row 1 Flr. 1	1	B	Res.	67	60	61	60	72	73	56	17
DC-254	3908 Kalona Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	58	68	69	54	15
DC-255	4009 Merrifields Blvd, Row 5 Flr. 1	1	B	Res.	67	47	48	47	54	55	46	9
DC-256	5320 Greenbrook Dr, Row 4 Flr. 1	1	B	Res.	67	48	49	47	54	55	46	8
DC-257	5317 Greenbrook Dr, Row 1 Flr. 1	1	B	Res.	67	54	55	54	62	63	51	12
DC-258	3904 Kalona Rd, Row 1 Flr. 1	1	B	Res.	67	56	57	56	65	66	53	12
DC-259	4013 Merrifields Blvd, Row 5 Flr. 1	1	B	Res.	67	46	47	46	53	54	46	8
DC-260	5316 Greenbrook Dr, Row 3 Flr. 1	1	B	Res.	67	48	49	48	55	56	47	9
DC-261	4024 Timberland Dr, Row 5 Flr. 1	1	B	Res.	67	48	48	47	54	55	46	9
DC-262	3913 Kalona Rd, Row 1 Flr. 1	1	B	Res.	67	61	61	61	74	75	56	19
DC-263	4029 Timberland Dr, Row 6 Flr. 1	1	B	Res.	67	45	46	45	51	52	45	7
DC-264	3909 Kalona Rd, Row 1 Flr. 1	1	B	Res.	67	59	60	59	71	72	56	16
DC-265	5308 Greenbrook Dr, Row 3 Flr. 1	1	B	Res.	67	49	50	49	56	57	47	10
DC-266	4020 Timberland Dr, Row 4 Flr. 1	1	B	Res.	67	48	49	48	55	56	47	10
DC-267	4025 Timberland Dr, Row 6 Flr. 1	1	B	Res.	67	45	46	45	51	52	45	7
DC-268	3905 Kalona Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	58	69	70	54	15
DC-269	5313 Greenbrook Dr, Row 2 Flr. 1	1	B	Res.	67	56	57	56	66	67	53	13
DC-270	4016 Timberland Dr, Row 4 Flr. 1	1	B	Res.	67	50	50	49	56	57	47	10
DC-271	5252 Crabtree Pl, Row 1 Flr. 1	1	B	Res.	67	60	61	60	75	76	55	20
DC-272	4021 Timberland Dr, Row 5 Flr. 1	1	B	Res.	67	46	47	46	52	52	45	7
DC-273	5304 Greenbrook Dr, Row 3 Flr. 1	1	B	Res.	67	53	54	53	61	62	51	11
DC-274	4017 Timberland Dr, Row 5 Flr. 1	1	B	Res.	67	47	47	47	52	53	46	8
DC-275	5309 Greenbrook Dr, Row 2 Flr. 1	1	B	Res.	67	56	57	56	66	67	53	14
DC-276	4028 Tarnywood Dr, Row 6 Flr. 1	1	B	Res.	67	45	46	45	50	51	44	7
DC-277	5252 Crabtree Pl, Row 1 Flr. 1	1	B	Res.	67	59	60	59	71	72	56	16
DC-278	4012 Timberland Dr, Row 3 Flr. 1	1	B	Res.	67	49	49	49	56	56	48	9
DC-279	4024 Tarnywood Dr, Row 6 Flr. 1	1	B	Res.	67	45	46	45	51	51	44	7
DC-280	4013 Timberland Dr, Row 4 Flr. 1	1	B	Res.	67	47	48	47	54	55	47	8
DC-281	5305 Greenbrook Dr, Row 2 Flr. 1	1	B	Res.	67	55	56	56	65	66	53	13
DC-282	4000 Timberland Dr, Row 3 Flr. 1	1	B	Res.	67	49	49	49	57	58	49	9
DC-283	5248 Crabtree Pl, Row 1 Flr. 1	1	B	Res.	67	59	60	59	72	73	56	16
DC-284	4020 Tarnywood Dr, Row 5 Flr. 1	1	B	Res.	67	45	46	45	51	52	45	7
DC-285	4009 Timberland Dr, Row 4 Flr. 1	1	B	Res.	67	47	48	47	55	56	48	8
DC-286	5301 Greenbrook Dr, Row 2 Flr. 1	1	B	Res.	67	55	56	55	66	67	53	13

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
DC-287	4016 Tarnywood Dr, Row 5 Flr. 1	1	B	Res.	67	45	46	45	52	52	45	7
DC-288	4005 Timberland Dr, Row 3 Flr. 1	1	B	Res.	67	49	50	49	57	58	49	9
DC-289	5240 Crabtree Pl, Row 1 Flr. 1	1	B	Res.	67	58	59	58	71	72	56	16
DC-290	4021 Tarnywood Dr, Row 6 Flr. 1	1	B	Res.	67	44	45	44	49	50	44	6
DC-291	4012 Tarnywood Dr, Row 4 Flr. 1	1	B	Res.	67	46	47	46	53	53	46	7
DC-292	5229 Greenbrook Dr, Row 2 Flr. 1	1	B	Res.	67	55	56	55	65	66	53	12
DC-293	4001 Timberland Dr, Row 3 Flr. 1	1	B	Res.	67	50	51	50	59	60	50	10
DC-294	4017 Tarnywood Dr, Row 6 Flr. 1	1	B	Res.	67	45	46	45	50	51	45	6
DC-295	4008 Tarnywood Dr, Row 4 Flr. 1	1	B	Res.	67	46	47	46	52	53	47	6
DC-296	5225 Greenbrook Dr, Row 2 Flr. 1	1	B	Res.	67	54	55	54	64	64	53	11
DC-297	4013 Tarnywood Dr, Row 5 Flr. 1	1	B	Res.	67	45	46	45	51	52	45	6
DC-298	5232 Crabtree Pl, Row 1 Flr. 1	1	B	Res.	67	56	57	57	67	68	55	13
DC-299	4016 Forresthills Dr, Row 6 Flr. 1	1	B	Res.	67	44	45	44	48	49	44	5
DC-300	4009 Tarnywood Dr, Row 5 Flr. 1	1	B	Res.	67	46	47	46	52	53	47	6
DC-301	5229 Crabtree Pl, Row 1 Flr. 1	1	B	Res.	67	59	60	59	73	74	56	18
DC-302	5221 Greenbrook Dr, Row 3 Flr. 1	1	B	Res.	67	53	54	53	62	63	53	10
DC-303	5218 Greenbrook Dr, Row 4 Flr. 1	1	B	Res.	67	49	50	49	57	58	49	8
DC-304	4012 Forresthills Dr, Row 5 Flr. 1	1	B	Res.	67	45	46	45	49	50	45	5
DC-305	5228 Crabtree Pl, Row 2 Flr. 1	1	B	Res.	67	56	57	56	66	67	55	12
DC-306	4005 Tarnywood Dr, Row 4 Flr. 1	1	B	Res.	67	47	48	47	54	54	48	7
DC-307	5217 Greenbrook Dr, Row 3 Flr. 1	1	B	Res.	67	53	54	53	62	63	53	9
DC-308	4008 Forresthills Dr, Row 5 Flr. 1	1	B	Res.	67	45	46	45	50	51	46	5
DC-309	5225 Crabtree Pl, Row 1 Flr. 1	1	B	Res.	67	59	60	59	73	74	57	17
DC-310	5224 Crabtree Pl, Row 2 Flr. 1	1	B	Res.	67	56	57	56	65	66	54	11
DC-311	4001 Tarnywood Dr, Row 4 Flr. 1	1	B	Res.	67	48	49	49	55	56	49	7
DC-312	5213 Greenbrook Dr, Row 3 Flr. 1	1	B	Res.	67	52	53	53	60	61	52	9
DC-313	4004 Forresthills Dr, Row 5 Flr. 1	1	B	Res.	67	46	47	46	50	51	46	5
DC-314	5220 Crabtree Pl, Row 3 Flr. 1	1	B	Res.	67	53	54	54	61	62	52	10
DC-315	5221 Crabtree Pl, Row 1 Flr. 1	1	B	Res.	67	59	60	59	72	73	56	17
DC-316	5209 Greenbrook Dr, Row 3 Flr. 1	1	B	Res.	67	51	52	52	58	59	51	8
DC-317	5216 Crabtree Pl, Row 3 Flr. 1	1	B	Res.	67	51	52	51	58	59	52	7
DC-318	5217 Crabtree Pl, Row 1 Flr. 1	1	B	Res.	67	59	60	59	72	74	57	17
DC-319	5205 Greenbrook Dr, Row 3 Flr. 1	1	B	Res.	67	51	52	51	58	59	52	6
DC-320	4000 Forresthills Dr, Row 4 Flr. 1	1	B	Res.	67	48	49	49	54	55	49	5
DC-321	5208 Crabtree Pl, Row 2 Flr. 1	1	B	Res.	67	56	57	57	65	66	55	10
DC-322	4005 Forresthills Dr, Row 5 Flr. 1	1	B	Res.	67	44	45	44	48	49	45	3
DC-323	5212 Crabtree Pl, Row 3 Flr. 1	1	B	Res.	67	52	53	53	59	59	53	7
DC-324	5213 Crabtree Pl, Row 1 Flr. 1	1	B	Res.	67	59	60	60	73	74	57	17
DC-325	5201 Greenbrook Dr, Row 3 Flr. 1	1	B	Res.	67	50	51	51	57	58	51	7
DC-326	3912 Forresthills Dr, Row 3 Flr. 1	1	B	Res.	67	52	52	52	58	59	52	7
DC-327	5204 Crabtree Pl, Row 2 Flr. 1	1	B	Res.	67	56	57	57	65	66	56	10
DC-328	5128 Greenbrook Dr, Row 5 Flr. 1	1	B	Res.	67	45	46	45	49	50	46	4
DC-329	3908 Forresthills Dr, Row 3 Flr. 1	1	B	Res.	67	52	53	52	59	60	52	7
DC-330	5209 Crabtree Pl, Row 1 Flr. 1	1	B	Res.	67	59	60	60	73	74	57	17

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
DC-331	3904 Forresthills Dr, Row 3 Flr. 1	1	B	Res.	67	53	54	54	61	62	54	8
DC-332	3900 Forresthills Dr, Row 2 Flr. 1	1	B	Res.	67	57	58	57	65	66	56	9
DC-333	5124 Greenbrook Dr, Row 5 Flr. 1	1	B	Res.	67	45	46	45	48	49	45	3
DC-334	5129 Greenbrook Dr, Row 4 Flr. 1	1	B	Res.	67	50	51	51	55	55	51	4
DC-335	5205 Crabtree Pl, Row 1 Flr. 1	1	B	Res.	67	60	60	60	73	74	57	17
DC-336	5201 Crabtree Pl, Row 1 Flr. 1	1	B	Res.	67	60	61	60	73	74	59	14
DC-337	3913 Forresthills Dr, Row 4 Flr. 1	1	B	Res.	67	52	53	52	55	56	53	2
DC-338	5120 Greenbrook Dr, Row 5 Flr. 1	1	B	Res.	67	49	49	48	51	52	48	3
DC-339	3909 Forresthills Dr, Row 3 Flr. 1	1	B	Res.	67	53	54	53	56	57	54	3
DC-340	3905 Forresthills Dr, Row 3 Flr. 1	1	B	Res.	67	53	54	53	58	59	53	4
DC-341	5121 Greenbrook Dr, Row 4 Flr. 1	1	B	Res.	67	49	50	50	53	54	50	3
DC-342	3901 Forresthills Dr, Row 2 Flr. 1	1	B	Res.	67	53	54	53	60	61	53	5
DC-343	8 Crabtree Ct, Row 4 Flr. 1	1	B	Res.	67	53	53	53	55	56	53	2
DC-344	5141 Crabtree Pl, Row 1 Flr. 1	1	B	Res.	67	60	61	60	72	73	61	6
DC-345	6 Crabtree Ct, Row 3 Flr. 1	1	B	Res.	67	53	54	54	57	58	54	4
DC-346	10 Crabtree Ct, Row 4 Flr. 1	1	B	Res.	67	50	51	51	53	54	51	2
DC-347	5117 Greenbrook Dr, Row 4 Flr. 1	1	B	Res.	67	50	50	50	53	53	51	3
DC-348	5137 Crabtree Pl, Row 1 Flr. 1	1	B	Res.	67	60	61	60	71	72	60	12
DC-349	5132 Crabtree Pl, Row 2 Flr. 1	1	B	Res.	67	56	57	57	62	62	57	4
DC-350	4 Crabtree Ct, Row 3 Flr. 1	1	B	Res.	67	53	54	53	57	58	53	4
DC-351	7 Crabtree Ct, Row 4 Flr. 1	1	B	Res.	67	51	52	51	53	54	52	2
DC-352	5113 Greenbrook Dr, Row 4 Flr. 1	1	B	Res.	67	50	51	50	52	53	50	2
DC-353	5133 Crabtree Pl, Row 1 Flr. 1	1	B	Res.	67	59	60	60	68	69	60	9
DC-354	2 Crabtree Ct, Row 2 Flr. 1	1	B	Res.	67	56	57	56	61	62	57	3
DC-355	5 Crabtree Ct, Row 4 Flr. 1	1	B	Res.	67	51	52	51	54	55	52	2
DC-356	5129 Crabtree Pl, Row 1 Flr. 1	1	B	Res.	67	59	60	59	65	66	60	6
DC-357	3 Crabtree Ct, Row 3 Flr. 1	1	B	Res.	67	53	54	53	55	56	54	1
DC-358	5109 Greenbrook Dr, Row 3 Flr. 1	1	B	Res.	67	51	51	50	52	53	51	2
DC-359	1 Crabtree Ct, Row 2 Flr. 1	1	B	Res.	67	55	56	55	58	59	56	2
DC-360	5125 Crabtree Pl, Row 1 Flr. 1	1	B	Res.	67	58	59	58	63	64	59	2
DC-361	5108 Crabtree Pl, Row 3 Flr. 1	1	B	Res.	67	51	51	51	52	53	51	1
DC-362	5105 Greenbrook Dr, Row 3 Flr. 1	1	B	Res.	67	50	51	50	52	53	51	1
DC-363	5112 Crabtree Pl, Row 2 Flr. 1	1	B	Res.	67	54	55	54	55	56	55	1
DC-364	5104 Crabtree Pl, Row 3 Flr. 1	1	B	Res.	67	51	52	51	52	53	52	1
DC-365	5121 Crabtree Pl, Row 1 Flr. 1	1	B	Res.	67	57	58	57	61	62	58	2
DC-366	5100 Greenbrook Dr, Row 3 Flr. 1	1	B	Res.	67	49	50	49	51	52	50	1
DC-367	5101 Greenbrook Dr, Row 2 Flr. 1	1	B	Res.	67	51	52	51	52	53	51	1
DC-368	5100 Crabtree Pl, Row 3 Flr. 1	1	B	Res.	67	52	52	52	52	53	52	0
DC-369	5117 Crabtree Pl, Row 1 Flr. 1	1	B	Res.	67	56	57	57	59	60	57	2
DC-370	5101 Crabtree Pl, Row 2 Flr. 1	1	B	Res.	67	52	53	52	54	54	53	0
DC-371	5037 Greenbrook Dr, Row 2 Flr. 1	1	B	Res.	67	51	52	51	52	53	52	1
DC-372	5113 Crabtree Pl, Row 1 Flr. 1	1	B	Res.	67	55	56	56	57	58	56	1
DC-373	5105 Crabtree Pl, Row 1 Flr. 1	1	B	Res.	67	53	54	53	54	55	54	0
DC-374	5109 Crabtree Pl, Row 1 Flr. 1	1	B	Res.	67	55	55	55	56	57	56	1

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
DC-375	5032 Greenbrook Dr, Row 2 Flr. 1	1	B	Res.	67	50	51	49	51	52	50	1
DC-376	5033 Greenbrook Dr, Row 1 Flr. 1	1	B	Res.	67	51	52	51	52	53	52	0
DC-377	5029 Greenbrook Dr, Row 1 Flr. 1	1	B	Res.	67	52	53	52	53	53	53	0
DC-378	4000 Oakhurst Rd, Row 2 Flr. 1	1	B	Res.	67	50	51	49	51	52	50	1
DC-379	5025 Greenbrook Dr, Row 1 Flr. 1	1	B	Res.	67	52	53	52	53	54	53	0
DC-380	5021 Greenbrook Dr, Row 1 Flr. 1	1	B	Res.	67	52	53	52	53	54	NA	NA
DC-381	5017 Greenbrook Dr, Row 1 Flr. 1	1	B	Res.	67	52	53	52	53	54	NA	NA
DC-382	3950 Cedar Ln, Row 1 Flr. 1	1	B	Res.	67	55	56	55	56	56	NA	NA
DC-383	5013 Greenbrook Dr, Row 1 Flr. 1	1	B	Res.	67	53	54	53	54	54	NA	NA
DC-384	5009 Greenbrook Dr, Row 1 Flr. 1	1	B	Res.	67	54	56	54	55	56	NA	NA
DC-385	5005 Greenbrook Dr, Row 1 Flr. 1	1	B	Res.	67	57	58	57	57	58	NA	NA
DC-386	5001 Greenbrook Dr, Row 1 Flr. 1	1	B	Res.	67	62	63	62	62	63	NA	NA
DD-001	6310 Dunkirk St, Row 4 Flr. 1	1	B	Res.	67	57	57	NA	58	58	57	1
DD-002	6303 Arthur Ave, Row 1 Flr. 1	1	B	Res.	67	53	54	NA	56	57	54	2
DD-003	6308 Dunkirk St, Row 4 Flr. 1	1	B	Res.	67	55	55	NA	56	56	55	1
DD-004	6301 Arthur Ave, Row 1 Flr. 1	1	B	Res.	67	52	53	NA	56	57	53	2
DD-005	3607 Pierce St, Row 3 Flr. 1	1	B	Res.	67	52	53	NA	56	56	53	2
DD-006	6306 Dunkirk St, Row 4 Flr. 1	1	B	Res.	67	53	54	NA	55	56	54	2
DD-007	3605 Pierce St, Row 3 Flr. 1	1	B	Res.	67	52	53	NA	54	54	53	1
DD-008	6304 Dunkirk St, Row 4 Flr. 1	1	B	Res.	67	52	53	NA	55	56	53	3
DD-009	6208 Arthur Ave, Row 1 Flr. 1	1	B	Res.	67	52	53	NA	57	58	54	3
DD-010	6300 Dunkirk St, Row 4 Flr. 1	1	B	Res.	67	51	52	NA	54	55	52	3
DD-011	6207 Arthur Ave, Row 2 Flr. 1	1	B	Res.	67	52	53	NA	57	58	53	3
DD-012	3604 Pierce St, Row 3 Flr. 1	1	B	Res.	67	51	51	NA	56	57	52	5
DD-013	6204 Arthur Ave, Row 1 Flr. 1	1	B	Res.	67	53	54	NA	60	61	54	4
DD-014	6205 Arthur Ave, Row 2 Flr. 1	1	B	Res.	67	51	52	NA	59	60	53	5
DD-015	6208 Dunkirk St, Row 4 Flr. 1	1	B	Res.	67	48	49	NA	54	55	50	5
DD-016	3600 Pierce St, Row 3 Flr. 1	1	B	Res.	67	48	49	NA	55	56	50	6
DD-017	6209 Dunkirk St, Row 5 Flr. 1	1	B	Res.	67	49	50	NA	51	52	50	1
DD-018	6206 Dunkirk St, Row 4 Flr. 1	1	B	Res.	67	48	49	NA	54	55	50	5
DD-019	6203 Arthur Ave, Row 2 Flr. 1	1	B	Res.	67	51	52	NA	58	59	52	6
DD-020	3606 Blaine St, Row 3 Flr. 1	1	B	Res.	67	50	50	NA	57	58	51	6
DD-021	6204 Dunkirk St, Row 4 Flr. 1	1	B	Res.	67	48	49	NA	54	55	50	5
DD-022	3604 Blaine St, Row 3 Flr. 1	1	B	Res.	67	49	50	NA	55	56	51	5
DD-023	6207 Dunkirk St, Row 5 Flr. 1	1	B	Res.	67	47	48	NA	50	51	48	2
DD-024	6201 Arthur Ave, Row 2 Flr. 1	1	B	Res.	67	51	52	NA	58	59	52	6
DD-025	6202 Dunkirk St, Row 4 Flr. 1	1	B	Res.	67	49	50	NA	55	56	50	5
DD-026	6205 Dunkirk St, Row 5 Flr. 1	1	B	Res.	67	47	47	NA	50	51	48	3
DD-027	6110 Arthur Ave, Row 1 Flr. 1	1	B	Res.	67	53	54	NA	63	64	55	6
DD-028	6200 Dunkirk St, Row 4 Flr. 1	1	B	Res.	67	48	49	NA	55	56	50	6
DD-029	6108 Arthur Ave, Row 1 Flr. 1	1	B	Res.	67	53	54	NA	63	64	54	7
DD-030	3609 Blaine St, Row 3 Flr. 1	1	B	Res.	67	49	50	NA	56	57	51	5
DD-031	0 Dunkirk St, Row 5 Flr. 1	1	B	Res.	67	46	47	NA	50	51	48	4
DD-032	3615 Blaine St, Row 2 Flr. 1	1	B	Res.	67	51	52	NA	59	60	52	8

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
DD-033	3605 Blaine St, Row 3 Flr. 1	1	B	Res.	67	48	49	NA	55	56	49	6
DD-034	6201 Dunkirk St, Row 5 Flr. 1	1	B	Res.	67	46	47	NA	52	53	48	5
DD-035	3601 Blaine St, Row 4 Flr. 1	1	B	Res.	67	48	49	NA	54	55	49	5
DD-036	6106 Arthur Ave, Row 1 Flr. 1	1	B	Res.	67	53	54	NA	65	66	54	10
DD-037	3707 Harvey St, Row 1 Flr. 1	1	B	Res.	67	54	55	NA	65	66	55	9
DD-038	6104 Arthur Ave, Row 1 Flr. 1	1	B	Res.	67	53	54	NA	64	65	55	8
DD-039	6105 Arthur Ave, Row 2 Flr. 1	1	B	Res.	67	51	52	NA	61	61	52	9
DD-040	6106 Dunkirk St, Row 4 Flr. 1	1	B	Res.	67	47	48	NA	55	55	48	7
DD-041	3610 Harvey St, Row 2 Flr. 1	1	B	Res.	67	51	52	NA	61	62	52	10
DD-042	3519 Blaine St, Row 5 Flr. 1	1	B	Res.	67	46	47	NA	51	52	50	2
DD-043	3517 Blaine St, Row 5 Flr. 1	1	B	Res.	67	46	47	NA	51	52	47	5
DD-044	3606 Harvey St, Row 3 Flr. 1	1	B	Res.	67	48	49	NA	56	57	49	8
DD-045	3604 Harvey St, Row 3 Flr. 1	1	B	Res.	67	47	48	NA	55	56	49	7
DD-046	6102 Dunkirk St, Row 4 Flr. 1	1	B	Res.	67	47	48	NA	55	56	49	7
DD-047	Pentecostal Holiness Church, 6000 Arthur Ave, Row 1 Flr. 1	1	D	Int.	52	28	29	NA	41	42	29	13
DD-048	Pentecostal Holiness Church Cemetery, 6000 Arthur Ave, Row 1 Flr. 1	1	C	Rec.	67	54	55	NA	70	71	56	16
DD-049	6015 Arthur Ave, Row 2 Flr. 1	1	B	Res.	67	51	52	NA	62	63	53	11
DD-050	6103 Dunkirk St, Row 5 Flr. 1	1	B	Res.	67	46	47	NA	52	53	47	5
DD-051	6100 Dunkirk St, Row 4 Flr. 1	1	B	Res.	67	47	48	NA	55	56	49	7
DD-052	Pentecostal Holiness Church Cemetery, 6000 Arthur Ave, Row 1 Flr. 1	1	C	Rec.	67	53	54	NA	67	68	55	14
DD-053	6101 Dunkirk St, Row 5 Flr. 1	1	B	Res.	67	46	47	NA	52	53	47	6
DD-054	6011 Arthur Ave, Row 2 Flr. 1	1	B	Res.	67	51	52	NA	63	64	53	11
DD-055	3609 Harvey St, Row 3 Flr. 1	1	B	Res.	67	48	49	NA	57	58	49	9
DD-056	3601 Harvey St, Row 4 Flr. 1	1	B	Res.	67	47	48	NA	56	56	48	9
DD-057	3605 Harvey St, Row 3 Flr. 1	1	B	Res.	67	47	48	NA	56	57	48	9
DD-058	Pentecostal Holiness Church Cemetery, 6000 Arthur Ave, Row 1 Flr. 1	1	C	Rec.	67	54	55	NA	70	71	56	16
DD-059	6006 Dunkirk St, Row 4 Flr. 1	1	B	Res.	67	47	48	NA	55	56	48	8
DD-060	Pentecostal Holiness Church Cemetery, 6000 Arthur Ave, Row 1 Flr. 1	1	C	Rec.	67	53	54	NA	67	68	55	14
DD-061	6005 Arthur Ave, Row 2 Flr. 1	1	B	Res.	67	51	52	NA	63	64	52	11
DD-062	6007 Dunkirk St, Row 5 Flr. 1	1	B	Res.	67	47	48	NA	54	55	48	7
DD-063	6002 Dunkirk St, Row 4 Flr. 1	1	B	Res.	67	47	48	NA	57	58	49	9
DD-064	6001 Arthur Ave, Row 2 Flr. 1	1	B	Res.	67	51	52	NA	63	63	52	11
DD-065	6005 Dunkirk St, Row 5 Flr. 1	1	B	Res.	67	47	48	NA	55	55	48	8
DD-066	3705 Polk St, Row 1 Flr. 1	1	B	Res.	67	53	54	NA	66	67	56	14
DD-067	3703 Polk St, Row 1 Flr. 1	1	B	Res.	67	51	52	NA	63	64	54	13
DD-068	3701 Polk St, Row 1 Flr. 1	1	B	Res.	67	50	51	NA	62	63	54	10
DD-069	6000 Dunkirk St, Row 4 Flr. 1	1	B	Res.	67	47	48	NA	56	57	48	9
DD-070	3707 Bowden St, Row 1 Flr. 1	1	B	Res.	67	54	55	NA	66	67	57	12
DD-071	New Beginning Christian Center, 5900 Arthur Ave, Row 1 Flr. 1	1	D	Int.	52	27	28	NA	39	40	29	12
DD-072	3512 Academy Ave, Row 5 Flr. 1	1	B	Res.	67	46	47	NA	54	55	48	8
DD-073	3610 Academy Ave, Row 3 Flr. 1	1	B	Res.	67	49	50	NA	59	60	50	10
DD-074	5918 Dunkirk St, Row 4 Flr. 1	1	B	Res.	67	47	48	NA	56	57	48	9
DD-075	3616 Bowden St, Row 1 Flr. 1	1	B	Res.	67	56	57	NA	70	71	56	12
DD-076	3610 Bowden St, Row 1 Flr. 1	1	B	Res.	67	53	54	NA	65	66	55	11

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
DD-077	5929 Eric St, Row 3 Flr. 1	1	B	Res.	67	50	51	NA	59	60	50	10
DD-078	3706 Bowden St, Row 1 Flr. 1	1	B	Res.	67	52	53	NA	64	65	53	11
DD-079	5917 Eric St, Row 3 Flr. 1	1	B	Res.	67	49	50	NA	58	59	50	10
DD-080	5915 Eric St, Row 3 Flr. 1	1	B	Res.	67	48	49	NA	57	58	49	9
DD-081	5928 Eric St, Row 2 Flr. 1	1	B	Res.	67	50	51	NA	61	62	51	11
DD-082	3703 Academy Ave, Row 1 Flr. 1	1	B	Res.	67	50	51	NA	63	64	51	13
DD-083	5924 Eric St, Row 2 Flr. 1	1	B	Res.	67	50	51	NA	61	62	51	11
DD-084	5906 Dunkirk St, Row 4 Flr. 1	1	B	Res.	67	46	47	NA	54	55	47	9
DD-085	5911 Eric St, Row 3 Flr. 1	1	B	Res.	67	48	49	NA	56	57	49	9
DD-086	5920 Eric St, Row 2 Flr. 1	1	B	Res.	67	49	50	NA	60	61	50	11
DD-087	5904 Dunkirk St, Row 4 Flr. 1	1	B	Res.	67	46	46	NA	54	55	46	8
DD-088	5909 Eric St, Row 3 Flr. 1	1	B	Res.	67	47	48	NA	56	57	48	9
DD-089	3705 Academy Ave, Row 2 Flr. 1	1	B	Res.	67	51	52	NA	63	64	52	13
DD-090	5914 Eric St, Row 3 Flr. 1	1	B	Res.	67	48	49	NA	59	60	50	11
DD-091	5907 Eric St, Row 3 Flr. 1	1	B	Res.	67	47	48	NA	55	56	48	8
DD-092	5902 Dunkirk St, Row 4 Flr. 1	1	B	Res.	67	45	46	NA	54	55	46	8
DD-093	5910 Eric St, Row 3 Flr. 1	1	B	Res.	67	48	49	NA	58	59	49	10
DD-094	5909 Fawkes St, Row 2 Flr. 1	1	B	Res.	67	51	52	NA	63	64	52	13
DD-095	5905 Eric St, Row 3 Flr. 1	1	B	Res.	67	47	48	NA	56	57	48	9
DD-096	5906 Eric St, Row 3 Flr. 1	1	B	Res.	67	48	49	NA	58	59	49	10
DD-097	5907 Fawkes St, Row 2 Flr. 1	1	B	Res.	67	50	51	NA	62	63	51	13
DD-098	5906 Fawkes St, Row 1 Flr. 1	1	B	Res.	67	53	54	NA	66	67	53	13
DD-099	3608 Tyre Neck Rd, Row 3 Flr. 1	2	B	Res.	67	47	48	NA	56	57	48	9
DD-100	5901 Fawkes St, Row 2 Flr. 1	1	B	Res.	67	50	51	NA	62	63	51	12
DD-101	5900 Fawkes St, Row 1 Flr. 1	1	B	Res.	67	52	53	NA	65	66	53	13
DD-102	New Community Temple Church, 3615 Tyre Neck Rd, Row 1 Flr. 1	1	D	Int.	52	23	24	NA	33	34	25	10
DD-103	3609 Tyre Neck Rd, Row 4 Flr. 1	1	B	Res.	67	45	46	NA	53	54	46	8
DD-104	5816 Fawkes St, Row 1 Flr. 1	1	B	Res.	67	52	53	NA	64	65	52	13
DD-105	5812 Fawkes St, Row 1 Flr. 1	1	B	Res.	67	51	52	NA	63	64	52	12
DD-106	Ebony Heights Park, 3625 Tyre Neck Rd, Row 1 Flr. 1	1	C	Rec.	67	55	56	NA	71	72	56	16
DD-107	Ebony Heights Park, 3625 Tyre Neck Rd, Row 1 Flr. 1	1	C	Rec.	67	57	58	NA	74	75	58	17
DD-108	5810 Fawkes St, Row 1 Flr. 1	1	B	Res.	67	51	52	NA	63	64	52	12
DD-109	5811 Eric St, Row 4 Flr. 1	1	B	Res.	67	44	45	NA	51	52	45	7
DD-110	5808 Fawkes St, Row 1 Flr. 1	1	B	Res.	67	51	52	NA	62	63	52	12
DD-111	5808 Eric St, Row 3 Flr. 1	1	B	Res.	67	46	46	NA	56	57	46	10
DD-112	5807 Fawkes St, Row 2 Flr. 1	1	B	Res.	67	47	48	NA	57	58	48	9
DD-113	5806 Fawkes St, Row 1 Flr. 1	1	B	Res.	67	50	51	NA	61	62	51	11
DD-114	5806 Eric St, Row 3 Flr. 1	1	B	Res.	67	45	46	NA	55	56	46	10
DD-115	5805 Fawkes St, Row 2 Flr. 1	1	B	Res.	67	46	47	NA	54	55	47	8
DD-116	5804 Eric St, Row 3 Flr. 1	1	B	Res.	67	45	46	NA	55	56	46	10
DD-117	5802 Fawkes St, Row 1 Flr. 1	1	B	Res.	67	50	51	NA	61	62	51	11
DD-118	5803 Fawkes St, Row 2 Flr. 1	1	B	Res.	67	45	46	NA	53	54	46	8
DD-119	5800 Fawkes St, Row 1 Flr. 1	1	B	Res.	67	49	50	NA	60	61	50	11
DD-120	5801 Fawkes St, Row 2 Flr. 1	1	B	Res.	67	45	46	NA	54	54	46	8

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
DD-121	5800 Eric St, Row 3 Flr. 1	1	B	Res.	67	45	46	NA	54	55	46	9
DD-122	3624 Wright Rd, Row 4 Flr. 1	1	B	Res.	67	46	47	45	55	55	47	9
DD-123	3636 Wright Rd, Row 2 Flr. 1	1	B	Res.	67	49	50	48	59	60	50	10
DD-124	3632 Wright Rd, Row 3 Flr. 1	1	B	Res.	67	48	49	47	57	58	49	9
DD-125	3640 Wright Rd, Row 2 Flr. 1	1	B	Res.	67	50	51	49	61	62	51	11
DD-126	3644 Wright Rd, Row 1 Flr. 1	1	B	Res.	67	51	52	51	64	65	52	13
DD-127	3648 Wright Rd, Row 1 Flr. 1	1	B	Res.	67	54	55	53	69	70	54	16
DD-128	3628 Wright Rd, Row 3 Flr. 1	1	B	Res.	67	47	48	46	56	57	48	9
DD-129	5621 Pond Ln, Row 1 Flr. 1	1	B	Res.	67	56	57	56	72	73	57	17
DD-130	5617 Pond Ln, Row 1 Flr. 1	1	B	Res.	67	54	55	54	70	71	55	16
DD-131	3641 Wright Rd, Row 2 Flr. 1	1	B	Res.	67	51	52	50	63	64	51	13
DD-132	3637 Wright Rd, Row 3 Flr. 1	1	B	Res.	67	48	49	48	60	61	49	12
DD-133	3633 Wright Rd, Row 3 Flr. 1	1	B	Res.	67	47	48	46	58	59	48	12
DD-134	3629 Wright Rd, Row 4 Flr. 1	1	B	Res.	67	46	47	46	56	57	47	11
DD-135	5613 Pond Ln, Row 1 Flr. 1	1	B	Res.	67	54	55	54	70	71	55	16
DD-136	3625 Wright Rd, Row 4 Flr. 1	1	B	Res.	67	45	46	44	55	56	46	10
DD-137	3621 Wright Rd, Row 4 Flr. 1	1	B	Res.	67	44	45	43	54	54	45	9
DD-138	5604 Pond Ln, Row 2 Flr. 1	1	B	Res.	67	50	51	50	62	63	51	13
DD-139	5609 Pond Ln, Row 1 Flr. 1	1	B	Res.	67	53	54	53	68	69	54	15
DD-140	3632 Moore Rd, Row 3 Flr. 1	2	B	Res.	67	47	48	46	58	59	47	11
DD-141	3628 Moore Rd, Row 3 Flr. 1	1	B	Res.	67	45	46	45	56	57	49	8
DD-142	3624 Moore Rd, Row 4 Flr. 1	1	B	Res.	67	45	46	44	55	55	46	10
DD-143	5605 Pond Ln, Row 1 Flr. 1	1	B	Res.	67	52	53	53	66	67	53	14
DD-144	5601 Pond Ln, Row 1 Flr. 1	1	B	Res.	67	52	53	53	66	67	53	14
DD-145	3641 Moore Rd, Row 2 Flr. 1	1	B	Res.	67	48	49	48	60	61	49	12
DD-146	3637 Moore Rd, Row 3 Flr. 1	1	B	Res.	67	47	48	47	58	59	47	11
DD-147	3633 Moore Rd, Row 3 Flr. 1	1	B	Res.	67	46	46	45	56	57	46	11
DD-148	3629 Moore Rd, Row 4 Flr. 1	1	B	Res.	67	45	45	44	54	55	45	10
DD-149	3618 Lilac Dr, Row 2 Flr. 1	1	B	Res.	67	48	49	48	59	60	49	11
DD-150	3616 Lilac Dr, Row 3 Flr. 1	1	B	Res.	67	46	47	46	57	58	47	11
DD-151	3614 Lilac Dr, Row 4 Flr. 1	1	B	Res.	67	45	46	45	55	56	46	10
DD-152	3620 Lilac Dr, Row 1 Flr. 1	1	B	Res.	67	50	51	50	63	64	50	14
DD-153	3700 Lilac Dr, Row 1 Flr. 1	1	B	Res.	67	54	55	54	70	71	55	16
DD-154	3704 Lilac Dr, Row 1 Flr. 1	1	B	Res.	67	55	56	56	72	73	56	17
DD-155	3619 Gentle Rd, Row 3 Flr. 1	1	B	Res.	67	45	46	45	55	56	46	10
DD-156	3611 Lilac Dr, Row 4 Flr. 1	1	B	Res.	67	41	42	41	49	50	42	8
DD-157	3708 Lilac Dr, Row 1 Flr. 1	1	B	Res.	67	56	57	56	73	74	57	17
DD-158	3621 Lilac Dr, Row 3 Flr. 1	1	B	Res.	67	48	49	48	59	60	48	11
DD-159	3610 Gentle Rd, Row 4 Flr. 1	1	B	Res.	67	43	44	42	52	52	43	9
DD-160	3617 Gentle Rd, Row 3 Flr. 1	1	B	Res.	67	45	46	45	55	56	46	10
DD-161	3712 Lilac Dr, Row 1 Flr. 1	1	B	Res.	67	57	58	57	74	75	57	18
DD-162	3709 Lilac Dr, Row 2 Flr. 1	1	B	Res.	67	51	52	52	66	67	52	15
DD-163	3716 Lilac Dr, Row 1 Flr. 1	1	B	Res.	67	57	58	57	74	75	57	18
DD-164	3615 Gentle Rd, Row 4 Flr. 1	1	B	Res.	67	45	46	45	55	55	46	9

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
DD-165	14 Savage Ct, Row 3 Flr. 1	1	B	Res.	67	47	48	47	58	59	50	9
DD-166	3713 Lilac Dr, Row 2 Flr. 1	1	B	Res.	67	51	52	52	66	67	52	15
DD-167	12 Savage Ct, Row 3 Flr. 1	1	B	Res.	67	46	47	46	56	57	48	9
DD-168	3720 Lilac Dr, Row 1 Flr. 1	1	B	Res.	67	57	58	57	74	75	57	18
DD-169	3613 Gentle Rd, Row 4 Flr. 1	1	B	Res.	67	44	45	44	54	55	45	9
DD-170	3717 Lilac Dr, Row 2 Flr. 1	1	B	Res.	67	51	52	52	66	67	52	15
DD-171	3724 Lilac Dr, Row 1 Flr. 1	1	B	Res.	67	56	57	57	73	74	57	17
DD-172	3611 Gentle Rd, Row 4 Flr. 1	1	B	Res.	67	44	45	43	53	54	44	9
DD-173	10 Savage Ct, Row 3 Flr. 1	1	B	Res.	67	46	47	46	56	57	47	11
DD-174	3721 Lilac Dr, Row 2 Flr. 1	1	B	Res.	67	51	52	51	65	66	52	14
DD-175	3725 Lilac Dr, Row 2 Flr. 1	1	B	Res.	67	51	52	51	65	66	52	14
DD-176	3728 Lilac Dr, Row 1 Flr. 1	1	B	Res.	67	56	57	57	73	74	57	17
DD-177	8 Savage Ct, Row 3 Flr. 1	1	B	Res.	67	46	47	46	57	58	47	11
DD-178	3732 Lilac Dr, Row 1 Flr. 1	1	B	Res.	67	55	56	56	72	73	56	17
DD-179	3729 Lilac Dr, Row 2 Flr. 1	1	B	Res.	67	51	52	51	64	65	52	13
DD-180	6 Savage Ct, Row 3 Flr. 1	1	B	Res.	67	46	47	46	56	57	47	10
DD-181	3733 Lilac Dr, Row 2 Flr. 1	1	B	Res.	67	50	51	51	63	64	51	13
DD-182	3736 Lilac Dr, Row 1 Flr. 1	1	B	Res.	67	55	56	55	71	72	55	16
DD-183	4 Savage Ct, Row 3 Flr. 1	1	B	Res.	67	45	46	45	55	56	46	9
DD-184	3737 Lilac Dr, Row 2 Flr. 1	1	B	Res.	67	50	51	50	62	63	51	12
DD-185	2 Savage Ct, Row 4 Flr. 1	1	B	Res.	67	44	45	44	53	53	45	8
DD-186	5400 Lilac Cres, Row 1 Flr. 1	1	B	Res.	67	52	53	53	67	68	53	15
DD-187	3741 Lilac Dr, Row 2 Flr. 1	1	B	Res.	67	49	50	49	60	61	50	12
DD-188	5404 Lilac Cres, Row 1 Flr. 1	1	B	Res.	67	54	55	54	70	71	55	16
DD-189	3 Savage Ct, Row 4 Flr. 1	1	B	Res.	67	46	47	46	56	57	47	10
DD-190	5408 Lilac Cres, Row 1 Flr. 1	1	B	Res.	67	55	56	56	71	72	56	16
DD-191	3745 Lilac Dr, Row 3 Flr. 1	1	B	Res.	67	48	49	48	60	61	49	11
DD-192	1 Savage Ct, Row 4 Flr. 1	1	B	Res.	67	45	46	45	54	55	46	8
DD-193	5412 Lilac Cres, Row 1 Flr. 1	1	B	Res.	67	56	57	57	73	74	57	17
DD-194	3749 Lilac Dr, Row 3 Flr. 1	1	B	Res.	67	47	48	48	59	60	49	11
DD-195	5401 Lilac Cres, Row 2 Flr. 1	1	B	Res.	67	49	50	49	61	62	50	12
DD-196	5417 Lilac Cres, Row 2 Flr. 1	1	B	Res.	67	53	54	53	65	66	53	13
DD-197	3628 Hosiers Oaks Dr, Row 4 Flr. 1	1	B	Res.	67	45	46	45	54	55	47	7
DD-198	3753 Lilac Dr, Row 3 Flr. 1	1	B	Res.	67	47	48	47	58	59	48	10
DD-199	5416 Lilac Cres, Row 1 Flr. 1	1	B	Res.	67	57	58	58	74	75	57	18
DD-200	3748 Lilac Dr, Row 2 Flr. 1	1	B	Res.	67	50	51	50	60	61	50	11
DD-201	5421 Lilac Cres, Row 2 Flr. 1	1	B	Res.	67	53	54	53	65	66	54	12
DD-202	3632 Hosiers Oaks Dr, Row 4 Flr. 1	1	B	Res.	67	46	47	46	53	54	47	7
DD-203	3757 Lilac Dr, Row 3 Flr. 1	1	B	Res.	67	47	48	47	57	58	49	9
DD-204	5420 Lilac Cres, Row 1 Flr. 1	1	B	Res.	67	60	61	58	73	74	57	17
DD-205	3752 Lilac Dr, Row 2 Flr. 1	1	B	Res.	67	49	50	49	61	62	51	11
DD-206	5425 Lilac Cres, Row 2 Flr. 1	1	B	Res.	67	53	54	53	65	66	54	12
DD-207	3636 Hosiers Oaks Dr, Row 4 Flr. 1	1	B	Res.	67	46	47	46	53	54	47	6
DD-208	3761 Lilac Dr, Row 3 Flr. 1	1	B	Res.	67	47	48	47	56	57	49	8

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
DD-209	5424 Lilac Cres, Row 1 Flr. 1	1	B	Res.	67	57	58	57	73	74	57	16
DD-210	3756 Lilac Dr, Row 2 Flr. 1	1	B	Res.	67	49	50	49	60	61	51	10
DD-211	3640 Hosiers Oaks Dr, Row 4 Flr. 1	1	B	Res.	67	46	47	46	52	53	48	5
DD-212	3765 Lilac Dr, Row 3 Flr. 1	1	B	Res.	67	47	48	47	56	57	49	7
DD-213	5429 Lilac Cres, Row 2 Flr. 1	1	B	Res.	67	53	54	53	64	65	54	10
DD-214	5428 Lilac Cres, Row 1 Flr. 1	1	B	Res.	67	57	58	57	72	73	57	15
DD-215	3644 Hosiers Oaks Dr, Row 4 Flr. 1	1	B	Res.	67	46	47	46	51	52	47	4
DD-216	3769 Lilac Dr, Row 3 Flr. 1	1	B	Res.	67	48	49	48	55	56	49	6
DD-217	5432 Lilac Cres, Row 1 Flr. 1	1	B	Res.	67	56	57	57	71	72	57	11
DD-218	3760 Lilac Dr, Row 2 Flr. 1	1	B	Res.	67	50	51	50	59	60	51	8
DD-219	5433 Lilac Cres, Row 2 Flr. 1	1	B	Res.	67	53	54	53	63	64	54	9
DD-220	3773 Lilac Dr, Row 3 Flr. 1	1	B	Res.	67	49	49	49	56	57	50	5
DD-221	5436 Lilac Cres, Row 1 Flr. 1	1	B	Res.	67	56	57	57	71	72	57	8
DD-222	3764 Lilac Dr, Row 2 Flr. 1	1	B	Res.	67	49	50	49	58	59	50	7
DD-223	5437 Lilac Cres, Row 2 Flr. 1	1	B	Res.	67	52	53	53	61	62	54	7
DD-224	3777 Lilac Dr, Row 3 Flr. 1	1	B	Res.	67	49	50	50	56	57	51	5
DD-225	6 Herbert Ct, Row 3 Flr. 1	1	B	Res.	67	46	47	46	51	52	47	4
DD-226	5440 Lilac Cres, Row 1 Flr. 1	1	B	Res.	67	55	56	56	68	69	56	7
DD-227	3781 Lilac Dr, Row 3 Flr. 1	1	B	Res.	67	50	51	50	56	56	51	4
DD-228	5444 Lilac Cres, Row 1 Flr. 1	1	B	Res.	67	54	55	55	63	64	55	5
DD-229	7 Herbert Ct, Row 3 Flr. 1	1	B	Res.	67	48	49	48	52	53	49	3
DD-230	5448 Lilac Cres, Row 1 Flr. 1	1	B	Res.	67	53	54	54	59	60	54	2
DD-231	3785 Lilac Dr, Row 3 Flr. 1	1	B	Res.	67	50	51	51	56	57	52	4
DD-232	3784 Lilac Dr, Row 1 Flr. 1	1	B	Res.	67	53	54	53	59	60	54	4
DD-233	5 Herbert Ct, Row 3 Flr. 1	1	B	Res.	67	48	49	48	51	52	49	2
DD-234	3 Herbert Ct, Row 4 Flr. 1	1	B	Res.	67	48	49	48	51	51	49	2
DD-235	3789 Lilac Dr, Row 2 Flr. 1	1	B	Res.	67	51	52	51	56	57	52	4
DD-236	3788 Lilac Dr, Row 1 Flr. 1	1	B	Res.	67	53	54	53	58	59	54	3
DD-237	3793 Lilac Dr, Row 2 Flr. 1	1	B	Res.	67	51	52	52	55	56	52	3
DD-238	4 Picot Ct, Row 3 Flr. 1	1	B	Res.	67	47	48	48	51	52	48	2
DD-239	3792 Lilac Dr, Row 1 Flr. 1	1	B	Res.	67	53	53	53	57	58	54	3
DD-240	3797 Lilac Dr, Row 2 Flr. 1	1	B	Res.	67	51	52	51	55	56	52	3
DD-241	8 Picot Ct, Row 4 Flr. 1	1	B	Res.	67	49	50	49	51	52	50	1
DD-242	5 Picot Ct, Row 3 Flr. 1	1	B	Res.	67	50	51	50	53	53	51	2
DD-243	3796 Lilac Dr, Row 1 Flr. 1	1	B	Res.	67	50	51	51	54	55	51	3
DD-244	3 Picot Ct, Row 2 Flr. 1	1	B	Res.	67	51	52	52	53	54	52	1
DD-245	1 Picot Ct, Row 2 Flr. 1	1	B	Res.	67	49	50	50	52	52	50	1
DD-246	5316 Larkspur Rd, Row 2 Flr. 1	1	B	Res.	67	52	53	53	53	54	NA	NA
DD-247	5317 Larkspur Rd, Row 3 Flr. 1	1	B	Res.	67	51	52	51	53	53	NA	NA
DD-248	5312 Larkspur Rd, Row 1 Flr. 1	1	B	Res.	67	53	54	53	54	55	NA	NA
DD-249	5313 Larkspur Rd, Row 3 Flr. 1	1	B	Res.	67	52	53	52	53	54	NA	NA
DD-250	5308 Larkspur Rd, Row 1 Flr. 1	1	B	Res.	67	53	54	54	55	55	NA	NA
DD-251	Sweethaven Christian Academy, 5100 West Norfolk Rd, Row 3 Flr. 1	1	C	Rec.	67	49	50	49	51	51	NA	NA
DD-252	5309 Larkspur Rd, Row 2 Flr. 1	1	B	Res.	67	53	54	53	54	55	NA	NA

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
DD-253	5304 Larkspur Rd, Row 1 Flr. 1	1	B	Res.	67	55	56	56	56	57	NA	NA
DD-254	5305 Larkspur Rd, Row 2 Flr. 1	1	B	Res.	67	54	55	54	55	56	NA	NA
DD-255	5300 Larkspur Rd, Row 1 Flr. 1	1	B	Res.	67	57	58	58	58	59	NA	NA
DD-256	5301 Larkspur Rd, Row 2 Flr. 1	1	B	Res.	67	59	60	59	60	60	NA	NA
DE-001	Churchland House Assisted Living, 4916 West Norfolk Rd, Row 1 Flr. 1	1	D	Int.	52	29	30	29	30	30	NA	NA
DE-002	4904 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	54	55	53	54	55	NA	NA
DE-003	4900 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	55	55	54	54	55	NA	NA
DE-004	4838 West Norfolk Rd, Row 1 Flr. 1	2	B	Res.	67	55	56	54	54	55	NA	NA
DE-005	4832 West Norfolk Rd, Row 1 Flr. 1	2	B	Res.	67	56	57	54	54	55	NA	NA
DE-006	4828 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	57	58	55	55	56	NA	NA
DE-007	4824 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	57	58	55	55	56	NA	NA
DE-008	4820 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	56	56	56	NA	NA
DE-009	4833 West Norfolk Rd, Row 2 Flr. 1	1	B	Res.	67	56	57	54	54	55	NA	NA
DE-010	4829 West Norfolk Rd, Row 2 Flr. 1	1	B	Res.	67	57	58	54	55	55	NA	NA
DE-011	4816 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	59	60	57	57	57	NA	NA
DE-012	4825 West Norfolk Rd, Row 2 Flr. 1	1	B	Res.	67	58	59	55	55	56	NA	NA
DE-013	4812 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	60	61	57	57	57	NA	NA
DE-014	4824 Wycliff Rd, Row 3 Flr. 1	1	B	Res.	67	55	56	54	54	54	NA	NA
DE-015	4821 West Norfolk Rd, Row 2 Flr. 1	1	B	Res.	67	58	59	55	55	56	NA	NA
DE-016	4820 Wycliff Rd, Row 3 Flr. 1	1	B	Res.	67	56	57	54	54	55	NA	NA
DE-017	4804 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	61	62	57	58	58	NA	NA
DE-018	4817 West Norfolk Rd, Row 2 Flr. 1	1	B	Res.	67	59	60	56	56	56	NA	NA
DE-019	4816 Wycliff Rd, Row 3 Flr. 1	1	B	Res.	67	56	57	54	55	55	NA	NA
DE-020	4812 Wycliff Rd, Row 3 Flr. 1	1	B	Res.	67	57	58	55	55	55	NA	NA
DE-021	4813 West Norfolk Rd, Row 2 Flr. 1	1	B	Res.	67	59	60	56	56	57	NA	NA
DE-022	4800 West Norfolk Rd, Row 1 Flr. 1	2	B	Res.	67	62	63	58	58	57	NA	NA
DE-023	4808 Wycliff Rd, Row 3 Flr. 1	1	B	Res.	67	58	59	55	55	56	NA	NA
DE-024	4809 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	60	61	56	56	57	NA	NA
DE-025	4805 Wycliff Rd, Row 3 Flr. 1	1	B	Res.	67	56	57	54	54	55	NA	NA
DE-026	4804 Wycliff Rd, Row 2 Flr. 1	1	B	Res.	67	58	59	56	56	56	NA	NA
DE-027	4805 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	61	62	57	57	57	NA	NA
DE-028	4800 Wycliff Rd, Row 1 Flr. 1	1	B	Res.	67	57	58	55	55	56	NA	NA
DE-029	4801 Wycliff Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	55	55	55	NA	NA
DE-030	3925 Shannon Rd, Row 1 Flr. 1	1	B	Res.	67	57	58	54	54	55	NA	NA
DF-001	4709 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	65	66	64	64	64	NA	NA
DF-002	4707 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	65	66	63	63	63	NA	NA
DF-003	4703 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	65	66	61	61	61	NA	NA
DF-004	4708 Hunters Point Dr, Row 3 Flr. 1	1	B	Res.	67	56	57	54	54	54	NA	NA
DF-005	4704 Hunters Point Dr, Row 4 Flr. 1	1	B	Res.	67	55	56	54	54	54	NA	NA
DF-006	4636 Mallard Cres, Row 4 Flr. 1	1	B	Res.	67	54	55	53	54	53	NA	NA
DF-007	4620 Avocet Ct, Row 3 Flr. 1	1	B	Res.	67	56	57	54	55	54	NA	NA
DF-008	4616 Avocet Ct, Row 3 Flr. 1	1	B	Res.	67	59	60	57	57	57	NA	NA
DF-009	4624 Avocet Ct, Row 4 Flr. 1	1	B	Res.	67	53	54	52	53	52	NA	NA
DF-010	4632 Mallard Cres, Row 4 Flr. 1	1	B	Res.	67	55	56	54	54	54	NA	NA

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
DF-011	4647 West Norfolk Rd, Row 2 Flr. 1	1	B	Res.	67	59	60	57	58	57	NA	NA
DF-012	4612 Avocet Ct, Row 3 Flr. 1	1	B	Res.	67	60	61	58	58	57	NA	NA
DF-013	4643 West Norfolk Rd, Row 2 Flr. 1	1	B	Res.	67	59	60	57	57	57	NA	NA
DF-014	4608 Avocet Ct, Row 3 Flr. 1	1	B	Res.	67	59	60	58	58	57	NA	NA
DF-015	4629 Mallard Cres, Row 4 Flr. 1	1	B	Res.	67	50	51	50	50	50	NA	NA
DF-016	4650 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	66	67	62	63	62	NA	NA
DF-017	4624 Mallard Cres, Row 4 Flr. 1	1	B	Res.	67	56	57	55	55	55	NA	NA
DF-018	4641 West Norfolk Rd, Row 2 Flr. 1	1	B	Res.	67	59	60	57	57	57	NA	NA
DF-019	4604 Avocet Ct, Row 3 Flr. 1	1	B	Res.	67	59	60	58	58	57	NA	NA
DF-020	4625 Mallard Cres, Row 4 Flr. 1	1	B	Res.	67	50	51	50	50	50	NA	NA
DF-021	4620 Mallard Cres, Row 4 Flr. 1	1	B	Res.	67	53	54	52	52	52	NA	NA
DF-022	4600 Avocet Ct, Row 3 Flr. 1	1	B	Res.	67	59	60	57	57	57	NA	NA
DF-023	4637 West Norfolk Rd, Row 2 Flr. 1	1	B	Res.	67	58	59	57	57	57	NA	NA
DF-024	4646 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	63	64	61	61	60	NA	NA
DF-025	4621 Mallard Cres, Row 4 Flr. 1	1	B	Res.	67	50	51	50	51	50	NA	NA
DF-026	4616 Mallard Cres, Row 3 Flr. 1	1	B	Res.	67	57	58	56	56	56	NA	NA
DF-027	4633 West Norfolk Rd, Row 2 Flr. 1	1	B	Res.	67	58	59	57	57	57	NA	NA
DF-028	4617 Mallard Cres, Row 4 Flr. 1	1	B	Res.	67	50	51	51	51	51	NA	NA
DF-029	4642 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	66	67	63	64	63	NA	NA
DF-030	4612 Mallard Cres, Row 3 Flr. 1	1	B	Res.	67	58	59	57	57	57	NA	NA
DF-031	4613 Mallard Cres, Row 4 Flr. 1	1	B	Res.	67	51	52	51	51	51	NA	NA
DF-032	4629 West Norfolk Rd, Row 2 Flr. 1	1	B	Res.	67	58	59	57	57	56	NA	NA
DF-033	4638 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	66	67	63	63	63	NA	NA
DF-034	4608 Mallard Cres, Row 3 Flr. 1	1	B	Res.	67	58	59	57	57	57	NA	NA
DF-035	4609 Mallard Cres, Row 4 Flr. 1	1	B	Res.	67	51	52	51	51	51	NA	NA
DF-036	4604 Widgeon Cir, Row 3 Flr. 1	1	B	Res.	67	59	60	58	58	58	NA	NA
DF-037	4605 Mallard Cres, Row 4 Flr. 1	1	B	Res.	67	51	52	51	51	51	NA	NA
DF-038	4634 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	66	67	63	64	63	NA	NA
DF-039	4621 West Norfolk Rd, Row 2 Flr. 1	1	B	Res.	67	62	63	60	61	60	NA	NA
DF-040	3716 Goose Bay Dr, Row 4 Flr. 1	1	B	Res.	67	53	54	52	53	52	NA	NA
DF-041	4630 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	65	66	63	63	63	NA	NA
DF-042	4602 Widgeon Cir, Row 3 Flr. 1	1	B	Res.	67	59	60	58	58	58	NA	NA
DF-043	4617 West Norfolk Rd, Row 2 Flr. 1	1	B	Res.	67	62	63	60	61	60	NA	NA
DF-044	4604 Mallard Cres, Row 4 Flr. 1	1	B	Res.	67	53	54	52	52	52	NA	NA
DF-045	4600 Widgeon Cir, Row 3 Flr. 1	1	B	Res.	67	58	59	57	58	57	NA	NA
DF-046	4600 Mallard Cres, Row 4 Flr. 1	1	B	Res.	67	55	56	54	55	54	NA	NA
DF-047	4613 West Norfolk Rd, Row 2 Flr. 1	1	B	Res.	67	61	62	60	60	60	NA	NA
DF-048	4628 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	65	66	63	63	62	NA	NA
DF-049	3804 Goose Bay Dr, Row 4 Flr. 1	1	B	Res.	67	56	57	55	55	55	NA	NA
DF-050	4626 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	65	66	63	63	62	NA	NA
DF-051	3808 Goose Bay Dr, Row 3 Flr. 1	1	B	Res.	67	57	58	56	56	56	NA	NA
DF-052	4609 West Norfolk Rd, Row 2 Flr. 1	1	B	Res.	67	61	62	60	60	60	NA	NA
DF-053	4624 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	65	66	63	63	62	NA	NA
DF-054	3801 Goose Bay Dr, Row 4 Flr. 1	1	B	Res.	67	51	52	51	52	51	NA	NA

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
DF-055	4622 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	65	66	63	63	62	NA	NA
DF-056	3812 Goose Bay Dr, Row 3 Flr. 1	1	B	Res.	67	58	59	57	57	57	NA	NA
DF-057	4620 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	65	66	63	63	62	NA	NA
DF-058	4618 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	65	66	63	63	62	NA	NA
DF-059	4616 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	65	66	63	63	62	NA	NA
DF-060	4607 West Norfolk Rd, Row 2 Flr. 1	1	B	Res.	67	57	58	57	57	56	NA	NA
DF-061	4614 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	65	66	63	63	62	NA	NA
DF-062	3740 Linnet Ln, Row 4 Flr. 1	1	B	Res.	67	51	52	52	52	52	NA	NA
DF-063	4612 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	65	66	63	63	62	NA	NA
DF-064	4610 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	65	66	63	63	62	NA	NA
DF-065	4608 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	65	66	63	63	62	NA	NA
DF-066	3813 Goose Bay Dr, Row 3 Flr. 1	1	B	Res.	67	57	58	57	57	57	NA	NA
DF-067	4606 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	65	66	63	63	62	NA	NA
DF-068	3738 Linnet Ln, Row 4 Flr. 1	1	B	Res.	67	51	52	51	52	51	NA	NA
DF-069	4604 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	65	66	63	63	62	NA	NA
DF-070	4602 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	65	66	63	63	62	NA	NA
DF-071	4600 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	65	66	63	63	62	NA	NA
DF-072	3817 Goose Bay Dr, Row 2 Flr. 1	1	B	Res.	67	61	62	60	60	60	NA	NA
DF-073	3736 Linnet Ln, Row 4 Flr. 1	1	B	Res.	67	51	52	51	52	52	NA	NA
DF-074	3753 Linnet Ln, Row 3 Flr. 1	1	B	Res.	67	58	59	57	58	57	NA	NA
DF-075	4533 West Norfolk Rd, Row 2 Flr. 1	1	B	Res.	67	57	58	57	57	56	NA	NA
DF-076	3732 Linnet Ln, Row 4 Flr. 1	1	B	Res.	67	51	52	51	51	51	NA	NA
DF-077	3749 Linnet Ln, Row 3 Flr. 1	1	B	Res.	67	57	58	57	57	57	NA	NA
DF-078	4520 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	65	66	63	64	63	NA	NA
DF-079	4529 West Norfolk Rd, Row 2 Flr. 1	1	B	Res.	67	57	58	56	57	56	NA	NA
DF-080	3745 Linnet Ln, Row 3 Flr. 1	1	B	Res.	67	57	58	57	57	57	NA	NA
DF-081	3728 Linnet Ln, Row 4 Flr. 1	1	B	Res.	67	50	51	51	51	51	NA	NA
DF-082	3724 Linnet Ln, Row 4 Flr. 1	1	B	Res.	67	50	51	51	51	51	NA	NA
DF-083	4525 West Norfolk Rd, Row 2 Flr. 1	1	B	Res.	67	56	57	56	56	56	NA	NA
DF-084	3741 Linnet Ln, Row 3 Flr. 1	1	B	Res.	67	57	58	57	57	57	NA	NA
DF-085	4516 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	65	66	63	63	63	NA	NA
DF-086	4521 West Norfolk Rd, Row 2 Flr. 1	1	B	Res.	67	56	57	56	56	56	NA	NA
DF-087	3737 Linnet Ln, Row 3 Flr. 1	1	B	Res.	67	57	58	57	57	57	NA	NA
DF-088	4517 West Norfolk Rd, Row 2 Flr. 1	1	B	Res.	67	56	57	56	57	56	NA	NA
DF-089	3733 Linnet Ln, Row 4 Flr. 1	1	B	Res.	67	52	53	53	53	53	NA	NA
DF-090	4512 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	65	66	63	63	63	NA	NA
DF-091	3713 Bittern Ct, Row 3 Flr. 1	1	B	Res.	67	57	58	57	57	57	NA	NA
DF-092	4513 West Norfolk Rd, Row 2 Flr. 1	1	B	Res.	67	56	57	56	57	56	NA	NA
DF-093	3705 Bittern Ct, Row 4 Flr. 1	1	B	Res.	67	55	56	55	55	55	NA	NA
DF-094	4508 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	65	66	64	64	64	NA	NA
DF-095	4509 West Norfolk Rd, Row 2 Flr. 1	1	B	Res.	67	56	57	56	56	56	NA	NA
DF-096	3709 Bittern Ct, Row 3 Flr. 1	1	B	Res.	67	57	57	57	57	57	NA	NA
DF-097	43 Lantern Way, Row 4 Flr. 1	1	B	Res.	67	55	56	56	56	56	NA	NA
DF-098	41 Lantern Way, Row 4 Flr. 1	1	B	Res.	67	55	56	56	56	56	NA	NA

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
DF-099	4504 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	65	66	64	64	64	NA	NA
DF-100	39 Lantern Way, Row 4 Flr. 1	1	B	Res.	67	55	56	55	56	55	NA	NA
DF-101	4505 West Norfolk Rd, Row 2 Flr. 1	1	B	Res.	67	56	57	57	57	57	NA	NA
DF-102	37 Lantern Way, Row 4 Flr. 1	1	B	Res.	67	54	55	55	55	55	NA	NA
DF-103	20 Jordan Ln, Row 3 Flr. 1	1	B	Res.	67	57	58	57	57	57	NA	NA
DF-104	35 Lantern Way, Row 4 Flr. 1	1	B	Res.	67	55	56	55	55	55	NA	NA
DF-105	33 Lantern Way, Row 4 Flr. 1	1	B	Res.	67	55	56	55	55	55	NA	NA
DF-106	4502B West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	65	66	64	64	64	NA	NA
DF-107	31 Lantern Way, Row 4 Flr. 1	1	B	Res.	67	55	56	55	55	55	NA	NA
DF-108	4501 West Norfolk Rd, Row 2 Flr. 1	1	B	Res.	67	55	56	56	56	56	NA	NA
DF-109	29 Lantern Way, Row 4 Flr. 1	1	B	Res.	67	55	56	55	55	55	NA	NA
DF-110	4502A West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	64	65	64	64	64	NA	NA
DF-111	12 Jordan Ln, Row 3 Flr. 1	1	B	Res.	67	54	54	54	54	54	NA	NA
DF-112	27 Lantern Way, Row 4 Flr. 1	1	B	Res.	67	55	56	55	55	55	NA	NA
DF-113	3622 Jordan Ln, Row 2 Flr. 1	1	B	Res.	67	58	59	58	58	58	NA	NA
DF-114	11 Jordan Ln, Row 1 Flr. 1	1	B	Res.	67	58	58	58	58	58	NA	NA
DF-115	4500 West Norfolk Rd, Row 1 Flr. 1	1	B	Res.	67	64	65	64	64	64	NA	NA
DF-116	228 Jordan Ln, Row 3 Flr. 1	1	B	Res.	67	56	57	56	56	56	NA	NA
DF-117	3604 Jordan Ln, Row 1 Flr. 1	1	B	Res.	67	59	60	59	59	59	NA	NA
DF-118	51 Centre Port Cir, Row 4 Flr. 1	1	B	Res.	67	52	52	52	52	52	NA	NA
DF-119	3607 Jordan Ln, Row 3 Flr. 1	1	B	Res.	67	55	56	55	56	55	NA	NA
DF-120	49 Centre Port Cir, Row 3 Flr. 1	1	B	Res.	67	52	53	52	53	53	NA	NA
DF-121	First Baptist Church, 3605 Jordan Ln, Row 2 Flr. 1	1	D	Int.	52	31	32	32	32	32	NA	NA
DF-122	47 Centre Port Cir, Row 3 Flr. 1	1	B	Res.	67	52	53	53	53	53	NA	NA
DF-123	45 Centre Port Cir, Row 3 Flr. 1	1	B	Res.	67	53	54	54	54	54	NA	NA
DF-124	First Baptist Church West Norfolk, 3603 Jordan Ln, Row 1 Flr. 1	1	D	Int.	52	34	35	34	34	34	NA	NA
DF-125	50 Centre Port Cir, Row 4 Flr. 1	1	B	Res.	67	50	51	51	51	51	NA	NA
DF-126	43 Centre Port Cir, Row 2 Flr. 1	1	B	Res.	67	54	54	54	55	54	NA	NA
DF-127	48 Centre Port Cir, Row 4 Flr. 1	1	B	Res.	67	51	52	51	52	52	NA	NA
DF-128	41 Centre Port Cir, Row 2 Flr. 1	1	B	Res.	67	54	55	55	55	55	NA	NA
DF-129	46 Centre Port Cir, Row 3 Flr. 1	1	B	Res.	67	51	52	52	52	52	NA	NA
DF-130	39 Centre Port Cir, Row 2 Flr. 1	1	B	Res.	67	54	55	55	55	55	NA	NA
DF-131	44 Centre Port Cir, Row 3 Flr. 1	1	B	Res.	67	52	53	53	53	53	NA	NA
DF-132	0 Centre Port Cir, Row 4 Flr. 1	1	B	Res.	67	50	51	51	51	51	NA	NA
DF-133	37 Centre Port Cir, Row 1 Flr. 1	1	B	Res.	67	54	55	55	56	55	NA	NA
DF-134	42 Centre Port Cir, Row 3 Flr. 1	1	B	Res.	67	52	53	53	53	53	NA	NA
DF-135	35 Centre Port Cir, Row 1 Flr. 1	1	B	Res.	67	54	55	55	56	55	NA	NA
DF-136	16 Centre Port Cir, Row 4 Flr. 1	1	B	Res.	67	52	53	53	54	53	NA	NA
DF-137	18 Centre Port Cir, Row 4 Flr. 1	1	B	Res.	67	52	53	54	54	54	NA	NA
DF-138	20 Centre Port Cir, Row 3 Flr. 1	1	B	Res.	67	53	54	54	55	54	NA	NA
DF-139	22 Centre Port Cir, Row 3 Flr. 1	1	B	Res.	67	53	54	55	55	55	NA	NA
DF-140	24 Centre Port Cir, Row 2 Flr. 1	1	B	Res.	67	54	55	55	55	55	NA	NA
DF-141	26 Centre Port Cir, Row 2 Flr. 1	1	B	Res.	67	54	55	56	56	56	NA	NA
DF-142	33 Centre Port Cir, Row 1 Flr. 1	1	B	Res.	67	54	55	56	56	56	NA	NA

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
DF-143	31 Centre Port Cir, Row 1 Flr. 1	1	B	Res.	67	61	62	61	61	61	NA	NA
DF-144	13 Centre Port Cir, Row 4 Flr. 1	1	B	Res.	67	55	56	56	56	56	NA	NA
DF-145	15 Centre Port Cir, Row 4 Flr. 1	1	B	Res.	67	55	56	56	56	56	NA	NA
DF-146	17 Centre Port Cir, Row 4 Flr. 1	1	B	Res.	67	56	56	57	57	57	NA	NA
DF-147	19 Centre Port Cir, Row 3 Flr. 1	1	B	Res.	67	56	57	57	57	57	NA	NA
DF-148	21 Centre Port Cir, Row 3 Flr. 1	1	B	Res.	67	56	57	57	58	57	NA	NA
DF-149	23 Centre Port Cir, Row 2 Flr. 1	1	B	Res.	67	57	58	58	58	58	NA	NA
DF-150	29 Centre Port Cir, Row 1 Flr. 1	1	B	Res.	67	54	55	56	56	56	NA	NA
DF-151	25 Centre Port Cir, Row 2 Flr. 1	1	B	Res.	67	57	58	58	58	58	NA	NA
DF-152	27 Centre Port Cir, Row 1 Flr. 1	1	B	Res.	67	58	59	58	59	59	NA	NA
DF-153	127 Nautico Way, Row 4 Flr. 1	1	B	Res.	67	58	59	58	58	58	56	3
DF-154	129 Nautico Way, Row 4 Flr. 1	1	B	Res.	67	58	59	58	58	58	56	3
DF-155	131 Nautico Way, Row 4 Flr. 1	1	B	Res.	67	59	60	59	59	59	56	2
DF-156	133 Nautico Way, Row 3 Flr. 1	1	B	Res.	67	59	60	59	59	59	57	2
DF-157	135 Nautico Way, Row 3 Flr. 1	1	B	Res.	67	60	61	59	60	60	57	2
DF-158	137 Nautico Way, Row 2 Flr. 1	1	B	Res.	67	60	61	60	60	60	58	2
DF-159	139 Nautico Way, Row 1 Flr. 1	1	B	Res.	67	60	61	60	60	60	58	2
DF-160	141 Nautico Way, Row 1 Flr. 1	1	B	Res.	67	60	61	60	60	60	58	2
DF-161	143 Nautico Way, Row 1 Flr. 1	1	B	Res.	67	63	63	62	62	62	60	2
DF-162	120 Nautico Way, Row 5 Flr. 1	1	B	Res.	67	55	56	55	55	55	53	2
DF-163	122 Nautico Way, Row 5 Flr. 1	1	B	Res.	67	56	57	56	56	56	53	3
DF-164	124 Nautico Way, Row 5 Flr. 1	1	B	Res.	67	57	58	57	57	57	54	3
DF-165	126 Nautico Way, Row 4 Flr. 1	1	B	Res.	67	58	59	58	58	58	56	2
DF-166	128 Nautico Way, Row 4 Flr. 1	1	B	Res.	67	59	60	59	59	59	56	2
DF-167	130 Nautico Way, Row 4 Flr. 1	1	B	Res.	67	59	60	59	59	59	57	3
DF-168	132 Nautico Way, Row 3 Flr. 1	1	B	Res.	67	60	61	59	60	60	57	3
DF-169	134 Nautico Way, Row 3 Flr. 1	1	B	Res.	67	60	61	60	60	60	57	3
DF-170	136 Nautico Way, Row 2 Flr. 1	1	B	Res.	67	60	61	60	60	60	57	3
DF-171	138 Nautico Way, Row 2 Flr. 1	1	B	Res.	67	60	61	60	60	60	57	3
DF-172	145 Nautico Way, Row 1 Flr. 1	1	B	Res.	67	61	62	61	61	61	59	2
DF-173	109 Reflection Way, Row 5 Flr. 1	1	B	Res.	67	57	58	57	57	57	55	2
DF-174	111 Reflection Way, Row 5 Flr. 1	1	B	Res.	67	53	54	53	53	53	52	1
DF-175	113 Reflection Way, Row 5 Flr. 1	1	B	Res.	67	54	55	54	54	54	53	1
DF-176	147 Nautico Way, Row 1 Flr. 1	1	B	Res.	67	61	62	60	60	60	57	3
DF-177	115 Reflection Way, Row 4 Flr. 1	1	B	Res.	67	58	59	58	58	58	55	3
DF-178	149 Nautico Way, Row 1 Flr. 1	1	B	Res.	67	61	62	60	61	61	57	3
DF-179	150 Nautico Way, Row 2 Flr. 1	1	B	Res.	67	61	61	60	60	60	57	3
DF-180	151 Nautico Way, Row 1 Flr. 1	1	B	Res.	67	61	62	61	61	61	57	3
DF-181	152 Nautico Way, Row 2 Flr. 1	1	B	Res.	67	61	62	60	61	60	57	3
DF-184	110 Reflection Way, Row 5 Flr. 1	1	B	Res.	67	58	59	58	58	58	56	2
DF-185	112 Reflection Way, Row 4 Flr. 1	1	B	Res.	67	58	59	58	58	58	56	2
DF-187	114 Reflection Way, Row 4 Flr. 1	1	B	Res.	67	59	60	59	59	59	57	2
DF-188	154 Nautico Way, Row 2 Flr. 1	1	B	Res.	67	61	62	61	61	61	57	3
DF-189	153 Nautico Way, Row 1 Flr. 1	1	B	Res.	67	61	62	61	61	61	57	3

Table C-4: Predicted Noise Levels for VA-164 in Portsmouth

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. C No-Barrier	Alt. D No-Barrier	Alternative B		
										No-Barrier	With-Barrier	IL
DF-190	116 Reflection Way, Row 3 Flr. 1	1	B	Res.	67	59	60	59	59	59	57	2
DF-192	155 Nautico Way, Row 1 Flr. 1	1	B	Res.	67	61	62	61	61	61	57	3
DF-197	157 Nautico Way, Row 1 Flr. 1	1	B	Res.	67	62	63	61	61	61	57	4
DF-198	160 Nautico Way, Row 2 Flr. 1	1	B	Res.	67	61	61	60	60	60	57	3
DF-199	164 Nautico Way, Row 2 Flr. 1	1	B	Res.	67	60	61	60	60	60	57	3
DF-200	168 Nautico Way, Row 3 Flr. 1	1	B	Res.	67	60	61	60	60	60	57	3
DF-205	159 Nautico Way, Row 1 Flr. 1	1	B	Res.	67	62	63	62	62	62	58	3
DF-206	4207 Gail Ct, Row 1 Flr. 1	1	B	Res.	67	63	64	64	64	64	58	5
DF-212	161 Nautico Way, Row 1 Flr. 1	1	B	Res.	67	64	65	64	64	64	60	3
DF-213	163 Nautico Way, Row 1 Flr. 1	1	B	Res.	67	64	65	63	63	63	60	3
DF-215	167 Nautico Way, Row 1 Flr. 1	1	B	Res.	67	63	64	62	62	62	60	2
DF-216	169 Nautico Way, Row 1 Flr. 1	1	B	Res.	67	63	63	62	62	62	60	2
DF-217	171 Nautico Way, Row 1 Flr. 1	1	B	Res.	67	62	63	62	62	62	60	2
DF-218	165 Nautico Way, Row 1 Flr. 1	1	B	Res.	67	63	64	63	63	63	60	2
DF-220	173 Nautico Way, Row 1 Flr. 1	1	B	Res.	67	62	63	62	62	62	60	1
DF-221	177 Nautico Way, Row 1 Flr. 1	1	B	Res.	67	61	62	61	61	61	60	1
DF-223	175 Nautico Way, Row 1 Flr. 1	1	B	Res.	67	62	63	61	61	61	60	1
DF-228	4205 Gail Ct, Row 1 Flr. 1	1	B	Res.	67	67	68	67	67	67	58	8
DG-001	Churchland High School, 4301 Cedar Ln, Row 1 Flr. 1	1	C	Rec.	67	52	52	49	50	51	NA	NA
DG-002	Churchland High School Baseball Field	1	C	Rec.	67	52	52	58	58	59	NA	NA
DH-001	Coast Guard Patio, 4000 Coast Guard Blvd, Row 1 Flr. 1	1	C	Rec.	67	52	52	49	49	51	NA	NA

* Cat. Refers to FHWA Activity Category. Res.= Residential, Rec.= Recreational, Mon.= Noise Monitoring Site, Com.= Commercial, Int.=Interior Institutional

** Red numbers indicate noise impact due to NAC or Substantial Increase in existing noise levels. Some subtractions may appear to be incorrect due to rounding of decibels. NA or 0 indicates receptors not behind barriers, or set back and not impacted where benefits were not determined.

Source: HMMH, 2016

Table C-5: Predicted Noise Levels for I-664 in Chesapeake

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
CE-001	624 Homestead Rd, Row 1 Flr. 1	1	B	Res.	67	62	62	63	63	58	4
CE-002	703 Homestead Rd, Row 1 Flr. 1	1	B	Res.	67	68	68	69	69	62	6
CE-003	628 Homestead Rd, Row 1 Flr. 1	1	B	Res.	67	62	63	64	64	58	5
CE-004	632 Homestead Rd, Row 1 Flr. 1	1	B	Res.	67	63	63	64	64	59	5
CE-005	637 Homestead Rd, Row 2 Flr. 1	1	B	Res.	67	61	62	63	63	57	5
CE-006	645 Homestead Rd, Row 2 Flr. 1	1	B	Res.	67	62	63	64	64	58	5
CE-007	4661 Indiana Ave, Row 2 Flr. 1	1	B	Res.	67	64	64	65	65	59	6
CE-008	4652 Indiana Ave, Row 2 Flr. 1	1	B	Res.	67	65	65	67	67	60	7
CE-009	4540 S Military Hwy, Row 1 Flr. 1	1	B	Res.	67	69	70	72	72	67	4
CE-010	4640 Indiana Ave, Row 1 Flr. 1	1	B	Res.	67	65	65	67	68	61	5
CE-011	4532 S Military Hwy, Row 1 Flr. 1	1	B	Res.	67	70	70	71	71	67	3
CE-012	4633 Indiana Ave, Row 3 Flr. 1	1	B	Res.	67	59	60	61	61	56	5
CE-013	4636 Indiana Ave, Row 2 Flr. 1	1	B	Res.	67	64	65	67	67	61	5
CE-014	4625 Indiana Ave, Row 3 Flr. 1	1	B	Res.	67	59	59	60	60	56	4
CE-015	4624 Indiana Ave, Row 2 Flr. 2	1	B	Res.	67	64	65	66	66	63	2
CG-001	4629 Airline Blvd, Row 1 Flr. 1	1	B	Res.	67	67	67	69	69	70	0
CG-002	4539 Airline Blvd, Row 1 Flr. 1	1	B	Res.	67	62	62	63	63	NA	NA
CG-003	4539 Airline Blvd, Row 1 Flr. 1	1	B	Res.	67	61	61	62	62	NA	NA
CG-004	4539 Airline Blvd, Row 1 Flr. 1	1	B	Res.	67	60	61	61	61	NA	NA
CG-005	4539 Airline Blvd, Row 1 Flr. 1	1	B	Res.	67	60	60	61	61	NA	NA
CG-006	4539 Airline Blvd, Row 1 Flr. 1	1	B	Res.	67	60	60	61	61	NA	NA
CG-007	807 Ridgeway Ave, Row 1	1	B	Res.	67	63	64	64	64	NA	NA
CG-008	4538 Ridgeway Ave, Row 1	1	B	Res.	67	64	65	65	65	NA	NA
CG-009	4534 Ridgeway Ave, Row 1	1	B	Res.	67	64	65	65	65	NA	NA
CH-001	1237 Jolliff Rd, Row 1 Flr. 1	1	B	Res.	67	70	71	73	73	68	5
CH-002	1225 Jolliff Rd, Row 1 Flr. 1	1	B	Res.	67	65	66	68	68	62	6
CH-003	4712 Summerest Dr, Row 1 Flr. 1	1	B	Res.	67	72	73	71	71	63	8
CH-004	4712 Summerest Dr, Row 1 Flr. 1	1	B	Res.	67	69	70	69	69	62	8
CH-005	1204 Jolliff Rd, Row 1 Flr. 1	1	B	Res.	67	68	69	69	69	61	9
CH-006	1209 Jolliff Rd, Row 1 Flr. 1	1	B	Res.	67	64	65	67	67	60	6
CH-007	1205 Jolliff Rd, Row 2 Flr. 1	1	B	Res.	67	61	62	63	63	59	5
CH-008	1201 Jolliff Rd, Row 2 Flr. 1	1	B	Res.	67	62	63	64	64	59	5
CH-009	1149 Jolliff Rd, Row 2 Flr. 1	1	B	Res.	67	59	60	62	62	58	3
CH-010	1120 Jolliff Rd, Row 1 Flr. 1	1	B	Res.	67	62	63	63	63	NA	NA
CH-011	1116 Jolliff Rd, Row 1 Flr. 1	1	B	Res.	67	62	63	63	63	NA	NA
CH-012	1114 Jolliff Rd, Row 1 Flr. 1	1	B	Res.	67	62	62	62	62	NA	NA
CH-013	1100 Jolliff Rd, Row 1 Flr. 1	1	B	Res.	67	61	62	62	62	NA	NA
CH-014	Jolliff Middle School, 1021 Jolliff Rd, Row 1 Flr. 1	1	D	Int.	52	34	34	34	34	NA	NA
CH-015	Jolliff Middle School Field, 1021 Jolliff Rd, Row 1 Flr. 1	1	C	Rec.	67	60	60	61	61	NA	NA
CH-016	Jolliff Middle School Field, 1021 Jolliff Rd, Row 1 Flr. 1	1	C	Rec.	67	60	61	62	62	NA	NA
CH-017	Jolliff Middle School Field, 1021 Jolliff Rd, Row 1 Flr. 1	1	C	Rec.	67	60	61	62	62	NA	NA
CH-018	4624 Westborough Dr, Row 1 Flr. 1	1	B	Res.	67	63	64	65	65	NA	NA
CH-019	4616 Westborough Dr, Row 2 Flr. 1	1	B	Res.	67	60	60	62	62	NA	NA
CH-020	4617 Westborough Dr, Row 1 Flr. 1	1	B	Res.	67	63	63	65	65	NA	NA

Table C-5: Predicted Noise Levels for I-664 in Chesapeake

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
CH-021	949 Flintfield Cres, Row 2 Flr. 1	1	B	Res.	67	59	60	61	61	NA	NA
CH-022	4613 Westborough Dr, Row 1 Flr. 1	1	B	Res.	67	62	62	64	64	NA	NA
CH-023	4609 Westborough Dr, Row 1 Flr. 1	1	B	Res.	67	61	61	63	63	NA	NA
CH-024	4608 Westborough Dr, Row 2 Flr. 1	1	B	Res.	67	59	59	61	61	NA	NA
CH-025	4605 Westborough Dr, Row 1 Flr. 1	1	B	Res.	67	61	61	63	63	NA	NA
CH-026	4601 Westborough Dr, Row 1 Flr. 1	1	B	Res.	67	60	60	62	62	NA	NA
CH-027	4515 Westborough Dr, Row 1 Flr. 1	1	B	Res.	67	59	60	61	61	NA	NA
CI-001	1300 Jolliff Rd, Row 2	1	B	Res.	67	59	60	62	62	58	3
CI-002	1256 Jolliff Rd, Row 1 Flr. 1	1	B	Res.	67	60	61	63	64	59	5
CI-003	1261 Jolliff Rd, Row 1 Flr. 1	1	B	Res.	67	61	61	64	64	58	5
CI-004	1400 Branchview Way, Row 2 Flr. 1	1	B	Res.	67	61	62	64	64	59	5
CI-005	1257 Jolliff Rd, Row 1 Flr. 1	1	B	Res.	67	65	66	68	68	63	5
CI-006	1424 Branchview Way, Row 1 Flr. 1	1	B	Res.	67	66	67	68	68	60	7
CI-007	1456 Branchview Way, Row 1 Flr. 1	1	B	Res.	67	66	67	67	67	60	7
CI-008	1444 Branchview Way, Row 1 Flr. 1	1	B	Res.	67	68	69	69	69	60	9
CI-009	1432 Branchview Way, Row 1 Flr. 1	1	B	Res.	67	70	71	71	71	61	10
CJ-001	4355 Topsail Lndg, Row 1 Flr. 1	1	B	Res.	67	68	69	76	76	65	10
CJ-002	4351 Topsail Lndg, Row 1 Flr. 1	1	B	Res.	67	66	67	72	72	65	7
CJ-003	1612 Clarks Cir, Row 1 Flr. 1	1	B	Res.	67	61	62	69	69	59	9
CJ-004	1608 Clarks Cir, Row 1 Flr. 1	1	B	Res.	67	63	64	70	70	60	10
CJ-005	1600 Clarks Cir, Row 1 Flr. 1	1	B	Res.	67	64	65	70	70	61	9
CJ-006	1604 Clarks Cir, Row 1 Flr. 1	1	B	Res.	67	63	64	70	70	60	10
CJ-007	1616 Clarks Cir, Row 1 Flr. 1	1	B	Res.	67	61	62	67	67	58	9
CJ-008	4343 Topsail Lndg, Row 2 Flr. 1	1	B	Res.	67	64	65	70	70	64	6
CJ-009	1609 Clarks Cir, Row 2 Flr. 1	1	B	Res.	67	59	60	64	64	58	6
CJ-010	1620 Clarks Cir, Row 1 Flr. 1	1	B	Res.	67	60	61	64	64	56	8
CJ-011	4340 Topsail Lndg, Row 2 Flr. 1	1	B	Res.	67	59	60	64	64	57	7
CJ-012	1617 Clarks Cir, Row 2 Flr. 1	1	B	Res.	67	58	59	62	62	57	6
CJ-013	4336 Topsail Lndg, Row 2 Flr. 1	1	B	Res.	67	57	58	61	61	56	5
CJ-014	1624 Clarks Cir, Row 1 Flr. 1	1	B	Res.	67	60	61	62	62	56	6
CJ-015	4332 Topsail Lndg, Row 3 Flr. 1	1	B	Res.	67	56	57	60	60	55	5
CJ-016	1633 Clarks Cir, Row 3 Flr. 1	1	B	Res.	67	56	57	59	59	55	5
CJ-017	1628 Clarks Cir, Row 2 Flr. 1	1	B	Res.	67	59	61	61	61	56	5
CJ-018	1645 Clarks Cir, Row 3 Flr. 1	1	B	Res.	67	56	57	59	60	54	5
CJ-019	4328 Topsail Lndg, Row 3 Flr. 1	1	B	Res.	67	56	57	59	59	55	4
CJ-020	1632 Clarks Cir, Row 2 Flr. 1	1	B	Res.	67	60	62	62	62	60	2
CJ-021	1648 Clarks Cir, Row 4 Flr. 1	1	B	Res.	67	57	58	59	60	57	2
CJ-022	1644 Clarks Cir, Row 4 Flr. 1	1	B	Res.	67	56	57	59	59	56	2
CJ-023	1652 Clarks Cir, Row 4 Flr. 1	1	B	Res.	67	57	58	61	61	57	3
CJ-024	1640 Clarks Cir, Row 4 Flr. 1	1	B	Res.	67	56	57	58	59	56	2
CJ-025	1636 Clarks Cir, Row 3 Flr. 1	1	B	Res.	67	60	62	62	62	61	1
CJ-026	4319 Topsail Lndg, Row 2 Flr. 1	1	B	Res.	67	58	59	61	61	58	3
CJ-027	4316 Topsail Lndg, Row 4 Flr. 1	1	B	Res.	67	57	58	59	59	58	1
CJ-028	1600 Tapgallant Quay, Row 1 Flr. 1	1	B	Res.	67	58	59	61	61	NA	NA

Table C-5: Predicted Noise Levels for I-664 in Chesapeake

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
CJ-029	1604 Tapgallant Quay, Row 1 Flr. 1	1	B	Res.	67	57	58	60	60	NA	NA
CJ-030	1601 Tapgallant Quay, Row 1 Flr. 1	1	B	Res.	67	58	59	61	61	NA	NA
CJ-031	1605 Tapgallant Quay, Row 1 Flr. 1	1	B	Res.	67	57	58	60	60	NA	NA
CK-001	4913 Vico Dr, Row 3 Flr. 1	1	B	Res.	67	51	52	53	53	NA	NA
CK-002	4916 Manning Ct, Row 5 Flr. 1	1	B	Res.	67	51	52	53	53	NA	NA
CK-003	4920 Manning Ct, Row 5 Flr. 1	1	B	Res.	67	51	52	52	52	NA	NA
CK-004	4917 Vico Dr, Row 3 Flr. 1	1	B	Res.	67	51	52	53	53	NA	NA
CK-005	4929 Manning Ct, Row 5 Flr. 1	1	B	Res.	67	51	52	52	52	NA	NA
CK-006	4912 Vico Dr, Row 3 Flr. 1	1	B	Res.	67	53	54	54	54	NA	NA
CK-007	1708 Wampler Pl, Row 1 Flr. 1	1	B	Res.	67	58	60	60	60	60	0
CK-008	4924 Manning Ct, Row 5 Flr. 1	1	B	Res.	67	51	52	52	53	NA	NA
CK-009	4921 Vico Dr, Row 4 Flr. 1	1	B	Res.	67	51	52	53	53	NA	NA
CK-010	4928 Manning Ct, Row 5 Flr. 1	1	B	Res.	67	51	52	52	53	NA	NA
CK-011	1703 Wampler Pl, Row 3 Flr. 1	1	B	Res.	67	54	55	56	56	NA	NA
CK-012	4916 Vico Dr, Row 2 Flr. 1	1	B	Res.	67	53	54	55	55	NA	NA
CK-013	4925 Vico Dr, Row 4 Flr. 1	1	B	Res.	67	51	52	53	53	NA	NA
CK-014	4635 Goose Creek Flyway, Row 4 Flr. 1	1	B	Res.	67	51	52	53	53	52	0
CK-015	1700 Blue Goose Ct, Row 4 Flr. 1	1	B	Res.	67	51	52	53	53	NA	NA
CK-016	4920 Vico Dr, Row 2 Flr. 1	1	B	Res.	67	52	54	54	54	NA	NA
CK-017	1705 Wampler Pl, Row 2 Flr. 1	1	B	Res.	67	56	57	58	58	NA	NA
CK-018	1704 Blue Goose Ct, Row 4 Flr. 1	1	B	Res.	67	51	52	53	53	NA	NA
CK-019	4928 Vico Dr, Row 3 Flr. 1	1	B	Res.	67	52	53	53	53	NA	NA
CK-020	4924 Vico Dr, Row 2 Flr. 1	1	B	Res.	67	52	53	54	54	NA	NA
CK-021	1708 Blue Goose Ct, Row 4 Flr. 1	1	B	Res.	67	51	52	53	53	NA	NA
CK-022	4639 Goose Creek Flyway, Row 4 Flr. 1	1	B	Res.	67	52	53	53	53	52	0
CK-023	1709 Wampler Pl, Row 1 Flr. 1	1	B	Res.	67	59	60	61	61	61	0
CK-024	1712 Blue Goose Ct, Row 4 Flr. 1	1	B	Res.	67	52	53	53	53	NA	NA
CK-025	1728 Swan Lake Cres, Row 2 Flr. 1	1	B	Res.	67	53	54	55	55	NA	NA
CK-026	1737 Swan Lake Cres, Row 1 Flr. 1	1	B	Res.	67	57	58	58	58	NA	NA
CK-027	4643 Goose Creek Flyway, Row 4 Flr. 1	1	B	Res.	67	52	53	53	53	52	0
CK-028	1714 Blue Goose Ct, Row 3 Flr. 1	1	B	Res.	67	52	53	54	54	NA	NA
CK-029	1724 Swan Lake Cres, Row 2 Flr. 1	1	B	Res.	67	53	54	55	55	NA	NA
CK-030	1733 Swan Lake Cres, Row 1 Flr. 1	1	B	Res.	67	58	60	60	60	NA	NA
CK-031	1701 Blue Goose Ct, Row 3 Flr. 1	1	B	Res.	67	52	53	54	54	NA	NA
CK-032	1705 Blue Goose Ct, Row 3 Flr. 1	1	B	Res.	67	52	53	54	54	NA	NA
CK-033	4647 Goose Creek Flyway, Row 4 Flr. 1	1	B	Res.	67	52	53	54	54	53	0
CK-034	1709 Blue Goose Ct, Row 3 Flr. 1	1	B	Res.	67	52	53	54	54	NA	NA
CK-035	1713 Blue Goose Ct, Row 3 Flr. 1	1	B	Res.	67	52	53	53	53	NA	NA
CK-036	1720 Swan Lake Cres, Row 2 Flr. 1	1	B	Res.	67	52	54	54	54	NA	NA
CK-037	1604 Swan Lake Cres, Row 3 Flr. 1	1	B	Res.	67	53	54	54	54	53	0
CK-038	1729 Swan Lake Cres, Row 1 Flr. 1	1	B	Res.	67	57	58	58	58	NA	NA
CK-039	4651 Goose Creek Flyway, Row 3 Flr. 1	1	B	Res.	67	53	54	55	55	53	1
CK-040	1716 Swan Lake Cres, Row 2 Flr. 1	1	B	Res.	67	52	53	54	54	NA	NA
CK-041	4650 Goose Creek Flyway, Row 3 Flr. 1	1	B	Res.	67	52	53	54	54	NA	NA

Table C-5: Predicted Noise Levels for I-664 in Chesapeake

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
CK-042	1712 Swan Lake Cres, Row 2 Flr. 1	1	B	Res.	67	52	53	54	54	NA	NA
CK-043	1608 Swan Lake Cres, Row 3 Flr. 1	1	B	Res.	67	54	55	56	56	54	1
CK-044	1725 Swan Lake Cres, Row 1 Flr. 1	1	B	Res.	67	56	57	57	57	NA	NA
CK-045	1708 Swan Lake Cres, Row 2 Flr. 1	1	B	Res.	67	52	53	54	54	NA	NA
CK-046	4655 Goose Creek Flyway, Row 3 Flr. 1	1	B	Res.	67	53	54	55	55	53	1
CK-047	1704 Swan Lake Cres, Row 2 Flr. 1	1	B	Res.	67	52	53	54	54	NA	NA
CK-048	1721 Swan Lake Cres, Row 1 Flr. 1	1	B	Res.	67	54	55	55	56	NA	NA
CK-049	1612 Swan Lake Cres, Row 2 Flr. 1	1	B	Res.	67	54	55	56	56	55	1
CK-050	1700 Swan Lake Cres, Row 2 Flr. 1	1	B	Res.	67	53	54	54	54	NA	NA
CK-051	1605 Swan Lake Cres, Row 2 Flr. 1	1	B	Res.	67	55	56	56	56	56	0
CK-052	1717 Swan Lake Cres, Row 1 Flr. 1	1	B	Res.	67	52	54	54	54	NA	NA
CK-053	1620 Swan Lake Cres, Row 2 Flr. 1	1	B	Res.	67	53	54	55	55	54	1
CK-054	1713 Swan Lake Cres, Row 1 Flr. 1	1	B	Res.	67	52	54	54	54	NA	NA
CK-055	1616 Swan Lake Cres, Row 2 Flr. 1	1	B	Res.	67	54	55	55	55	55	1
CK-056	1709 Swan Lake Cres, Row 1 Flr. 1	1	B	Res.	67	53	54	55	55	NA	NA
CK-057	1705 Swan Lake Cres, Row 1 Flr. 1	1	B	Res.	67	54	55	55	55	NA	NA
CK-058	1701 Swan Lake Cres, Row 1 Flr. 1	1	B	Res.	67	55	56	56	56	NA	NA
CK-059	1609 Swan Lake Cres, Row 1 Flr. 1	1	B	Res.	67	56	57	57	57	57	1
CK-060	1623 Swan Lake Cres, Row 1 Flr. 1	1	B	Res.	67	55	56	57	57	NA	NA
CK-061	1613 Swan Lake Cres, Row 1 Flr. 1	1	B	Res.	67	56	57	58	58	57	1
CK-062	1617 Swan Lake Cres, Row 1 Flr. 1	1	B	Res.	67	57	58	58	59	56	1
CK-063	4602 Old Dock Landing Rd, Row 1 Flr. 1	1	B	Res.	67	57	58	60	60	NA	NA
CK-064	1502 James Lndg, Row 1 Flr. 1	1	B	Res.	67	57	58	59	59	58	1
CK-065	1504 James Lndg, Row 2 Flr. 1	1	B	Res.	67	58	59	61	61	60	1
CK-066	1506 James Lndg, Row 2 Flr. 1	1	B	Res.	67	57	58	60	60	58	2
CK-067	4633 Old Dock Landing Rd, Row 1 Flr. 1	1	B	Res.	67	57	58	58	58	NA	NA
CK-068	1508 James Lndg, Row 2 Flr. 1	1	B	Res.	67	58	59	60	60	58	2
CK-069	4609 Old Dock Landing Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	60	61	NA	NA
CK-070	1512 James Lndg, Row 2 Flr. 1	1	B	Res.	67	58	59	61	61	59	2
CK-071	4605 Old Dock Landing Rd, Row 1 Flr. 1	1	B	Res.	67	59	60	61	61	NA	NA
CK-072	1514 James Lndg, Row 2 Flr. 1	1	B	Res.	67	59	60	62	62	58	4
CK-073	1501 James Lndg, Row 1 Flr. 1	1	B	Res.	67	61	62	64	64	63	0
CK-074	1505 James Lndg, Row 1 Flr. 1	1	B	Res.	67	61	62	64	64	63	1
CK-075	1515 James Lndg, Row 1 Flr. 1	1	B	Res.	67	63	64	67	67	58	8
CK-076	1509 James Lndg, Row 1 Flr. 1	1	B	Res.	67	60	61	62	62	61	1
CK-077	1513 James Lndg, Row 1 Flr. 1	1	B	Res.	67	58	59	59	59	56	3
CL-001	1600 Swan Lake Cres, Row 3 Flr. 1	1	B	Res.	67	53	54	55	55	54	0
CL-002	4500 Woodland Dr, Row 1 Flr. 1	1	B	Res.	67	73	74	74	74	58	14
CL-003	4506 Woodland Dr, Row 1 Flr. 1	1	B	Res.	67	68	68	70	70	56	14
CL-004	1816 Reef Knot Ct, Row 1 Flr. 1	1	B	Res.	67	68	69	71	71	56	12
CL-005	1820 Reef Knot Ct, Row 1 Flr. 1	1	B	Res.	67	66	67	67	67	56	10
CL-006	1812 Reef Knot Ct, Row 1 Flr. 1	1	B	Res.	67	68	69	71	71	56	12
CL-007	1804 Reef Knot Ct, Row 1 Flr. 1	1	B	Res.	67	69	70	72	72	56	13
CL-008	1800 Reef Knot Ct, Row 1 Flr. 1	1	B	Res.	67	69	70	72	72	57	14

Table C-5: Predicted Noise Levels for I-664 in Chesapeake

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
CL-009	4441 Woodland Dr, Row 1 Flr. 1	1	B	Res.	67	69	70	72	72	57	14
CL-010	4421 Carrick Ct, Row 1 Flr. 1	1	B	Res.	67	70	71	73	73	57	15
CL-011	4417 Carrick Ct, Row 1 Flr. 1	1	B	Res.	67	70	71	73	73	57	15
CL-012	4413 Carrick Ct, Row 1 Flr. 1	1	B	Res.	67	69	70	72	72	58	15
CL-013	4409 Carrick Ct, Row 1 Flr. 1	1	B	Res.	67	69	70	72	72	58	15
CL-014	1821 Reef Knot Ct, Row 2 Flr. 1	1	B	Res.	67	62	63	64	64	53	11
CL-015	4423 Carrick Ct, Row 1 Flr. 1	1	B	Res.	67	65	66	68	68	55	13
CL-016	1813 Reef Knot Ct, Row 2 Flr. 1	1	B	Res.	67	62	63	64	65	53	11
CL-017	4405 Carrick Ct, Row 1 Flr. 1	1	B	Res.	67	67	68	70	70	56	13
CL-018	1809 Reef Knot Ct, Row 2 Flr. 1	1	B	Res.	67	62	63	65	65	53	11
CL-019	1801 Reef Knot Ct, Row 2 Flr. 1	1	B	Res.	67	63	64	67	67	54	12
CL-020	4426 Woodland Dr, Row 1 Flr. 1	1	B	Res.	67	63	64	67	67	54	13
CL-021	4412 Carrick Ct, Row 2 Flr. 1	1	B	Res.	67	62	63	65	65	53	11
CL-022	1803 Reef Knot Ct, Row 2 Flr. 1	1	B	Res.	67	61	62	64	64	52	11
CL-023	4420 Carrick Ct, Row 2 Flr. 1	1	B	Res.	67	61	62	65	65	53	11
CL-024	4401 Carrick Ct, Row 1 Flr. 1	1	B	Res.	67	65	66	67	68	55	12
CL-025	4423 Woodland Dr, Row 2 Flr. 1	1	B	Res.	67	63	64	66	66	53	12
CL-026	4416 Carrick Ct, Row 2 Flr. 1	1	B	Res.	67	61	62	65	65	53	11
CL-027	4424 Anchor Bend Ct, Row 3 Flr. 1	1	B	Res.	67	58	59	61	61	51	10
CL-028	4345 Mooring Ct, Row 1 Flr. 1	1	B	Res.	67	63	64	66	66	56	10
CL-029	4420 Woodland Dr, Row 2 Flr. 1	1	B	Res.	67	60	61	64	64	51	12
CL-030	1800 Dock Harbour Dr, Row 2 Flr. 1	1	B	Res.	67	60	61	63	63	53	10
CL-031	4419 Woodland Dr, Row 2 Flr. 1	1	B	Res.	67	60	61	64	64	51	12
CL-032	4408 Anchor Bend Ct, Row 2 Flr. 1	1	B	Res.	67	59	60	61	61	51	10
CL-033	4416 Anchor Bend Ct, Row 3 Flr. 1	1	B	Res.	67	58	59	61	61	50	10
CL-034	4429 Anchor Bend Ct, Row 3 Flr. 1	1	B	Res.	67	58	59	61	61	50	10
CL-035	4412 Anchor Bend Ct, Row 2 Flr. 1	1	B	Res.	67	59	59	61	61	50	10
CL-036	4404 Anchor Bend Ct, Row 2 Flr. 1	1	B	Res.	67	59	60	60	61	51	10
CL-037	1804 Dock Harbour Dr, Row 3 Flr. 1	1	B	Res.	67	59	60	62	62	52	10
CL-038	4341 Mooring Ct, Row 1 Flr. 1	1	B	Res.	67	62	63	65	65	57	7
CL-039	1808 Dock Harbour Dr, Row 3 Flr. 1	1	B	Res.	67	59	60	62	62	52	10
CL-040	4416 Woodland Dr, Row 2 Flr. 1	1	B	Res.	67	59	60	62	62	50	11
CL-041	4425 Anchor Bend Ct, Row 3 Flr. 1	1	B	Res.	67	57	58	60	60	49	10
CL-042	1812 Dock Harbour Dr, Row 3 Flr. 1	1	B	Res.	67	58	59	61	61	51	9
CL-043	4411 Woodland Dr, Row 3 Flr. 1	2	B	Res.	67	58	59	62	62	51	10
CL-044	4337 Mooring Ct, Row 1 Flr. 1	1	B	Res.	67	61	62	64	64	58	5
CL-045	4421 Anchor Bend Ct, Row 4 Flr. 1	1	B	Res.	67	56	57	59	59	48	9
CL-046	4400 Anchor Bend Ct, Row 2 Flr. 1	1	B	Res.	67	58	58	59	59	49	9
CL-047	4417 Anchor Bend Ct, Row 4 Flr. 1	1	B	Res.	67	55	56	58	58	48	9
CL-048	1800 Frederick Ct, Row 3 Flr. 1	1	B	Res.	67	57	58	60	61	49	10
CL-049	4413 Anchor Bend Ct, Row 3 Flr. 1	1	B	Res.	67	55	56	57	57	48	9
CL-050	4340 Mooring Ct, Row 3 Flr. 1	1	B	Res.	67	57	58	59	59	52	7
CL-051	4335 Mooring Ct, Row 2 Flr. 1	1	B	Res.	67	60	61	63	63	59	4
CL-052	4409 Anchor Bend Ct, Row 3 Flr. 1	1	B	Res.	67	55	56	57	57	48	9

Table C-5: Predicted Noise Levels for I-664 in Chesapeake

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
CL-053	1805 Dock Harbour Dr, Row 3 Flr. 1	1	B	Res.	67	57	58	59	59	52	7
CL-054	1804 Frederick Ct, Row 3 Flr. 1	2	B	Res.	67	55	56	57	58	48	9
CL-055	4405 Anchor Bend Ct, Row 3 Flr. 1	1	B	Res.	67	54	55	56	56	47	8
CL-056	1809 Dock Harbour Dr, Row 4 Flr. 1	1	B	Res.	67	56	57	58	59	51	7
CL-057	1815 Dock Harbour Dr, Row 4 Flr. 1	1	B	Res.	67	56	57	60	60	51	8
CL-058	1813 Dock Harbour Dr, Row 4 Flr. 1	1	B	Res.	67	56	57	59	59	51	7
CL-059	4333 Mooring Ct, Row 2 Flr. 1	1	B	Res.	67	59	60	62	62	59	3
CL-060	4336 Mooring Ct, Row 4 Flr. 1	1	B	Res.	67	55	56	58	58	51	6
CL-061	1817 Dock Harbour Dr, Row 4 Flr. 1	1	B	Res.	67	57	58	60	60	51	9
CL-062	4332 Mooring Ct, Row 4 Flr. 1	1	B	Res.	67	53	54	56	56	51	5
CL-063	4329 Mooring Ct, Row 3 Flr. 1	1	B	Res.	67	57	58	60	60	58	2
CL-064	Alexander Baptist Church, 4316 Pamela Ct, Row 1 Flr. 1	1	C	Rec.	67	56	58	58	58	NA	NA
CL-065	4328 Mooring Ct, Row 4 Flr. 1	1	B	Res.	67	53	54	56	56	51	5
CL-066	4325 Mooring Ct, Row 3 Flr. 1	1	B	Res.	67	56	57	59	59	57	2
CL-067	4312 Mooring Ct, Row 5 Flr. 1	1	B	Res.	67	52	53	54	55	50	4
CL-068	4308 Mooring Ct, Row 5 Flr. 1	1	B	Res.	67	52	53	54	54	49	4
CL-069	4324 Mooring Ct, Row 4 Flr. 1	1	B	Res.	67	53	54	56	56	52	3
CL-070	4323 Mooring Ct, Row 4 Flr. 1	1	B	Res.	67	55	56	58	58	56	2
CL-071	4304 Mooring Ct, Row 5 Flr. 1	1	B	Res.	67	52	53	53	53	49	5
CL-072	4317 Spincaster Ln, Row 1 Flr. 1	1	B	Res.	67	57	58	58	58	NA	NA
CL-073	4318 Spincaster Ln, Row 1 Flr. 1	1	B	Res.	67	54	56	56	56	NA	NA
CL-074	4315 Spincaster Ln, Row 1 Flr. 1	1	B	Res.	67	59	60	60	60	NA	NA
CL-075	4313 Spincaster Ln, Row 1 Flr. 1	1	B	Res.	67	60	61	62	62	NA	NA
CL-076	4311 Spincaster Ln, Row 1 Flr. 1	1	B	Res.	67	60	62	62	62	NA	NA
CL-077	4316 Spincaster Ln, Row 1 Flr. 1	1	B	Res.	67	54	55	56	56	NA	NA
CL-078	4309 Spincaster Ln, Row 1 Flr. 1	1	B	Res.	67	61	62	62	62	NA	NA
CL-079	4314 Spincaster Ln, Row 1 Flr. 1	1	B	Res.	67	54	56	56	56	NA	NA
CM-001	1905 Jolliff Rd, Row 2 Flr. 1	1	B	Res.	67	57	58	60	60	51	9
CM-002	1940 Old Jolliff Rd, Row 1 Flr. 1	1	B	Res.	67	59	59	62	62	53	8
CM-003	4625 Jaye Cir, Row 2 Flr. 1	1	B	Res.	67	58	59	61	61	52	9
CM-004	1909 Jolliff Rd, Row 2 Flr. 1	1	B	Res.	67	57	58	61	61	52	9
CM-005	1737 Jolliff Rd, Row 5 Flr. 1	1	B	Res.	67	58	60	61	61	60	1
CM-006	1837 Jolliff Rd, Row 2 Flr. 1	1	B	Res.	67	57	57	60	60	51	9
CM-007	1833 Jolliff Rd, Row 2 Flr. 1	1	B	Res.	67	56	57	59	59	51	9
CM-008	1801 Jolliff Rd, Row 5 Flr. 1	1	B	Res.	67	55	56	58	58	54	3
CM-009	1845 Quivers Keep, Row 5 Flr. 1	1	B	Res.	67	56	57	59	59	50	9
CM-010	4616 Old Woodland Dr, Row 1 Flr. 1	1	B	Res.	67	58	59	61	61	52	9
CM-011	4620 Jaye Cir, Row 1 Flr. 1	1	B	Res.	67	58	59	61	61	52	9
CM-012	4621 Jaye Cir, Row 2 Flr. 1	1	B	Res.	67	58	59	61	61	52	9
CM-013	1846 Quivers Keep, Row 5 Flr. 1	1	B	Res.	67	55	56	58	58	50	8
CM-014	4616 Jaye Cir, Row 1 Flr. 1	1	B	Res.	67	59	60	62	62	53	9
CM-015	1845 Jolliff Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	61	61	52	9
CM-016	1937 Old Jolliff Rd, Row 1 Flr. 1	1	B	Res.	67	60	61	63	63	54	10
CM-017	4612 Old Woodland Dr, Row 1 Flr. 1	1	B	Res.	67	60	60	62	63	53	9

Table C-5: Predicted Noise Levels for I-664 in Chesapeake

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
CM-018	1843 Quivers Keep, Row 4 Flr. 1	1	B	Res.	67	57	58	60	60	51	9
CM-019	4617 Jaye Cir, Row 1 Flr. 1	1	B	Res.	67	60	61	62	62	53	9
CM-020	4609 Moore Cir, Row 1 Flr. 1	1	B	Res.	67	60	60	63	63	53	9
CM-021	4612 Jaye Cir, Row 1 Flr. 1	1	B	Res.	67	61	61	63	63	54	10
CM-022	1844 Quivers Keep, Row 5 Flr. 1	1	B	Res.	67	55	55	58	58	50	8
CM-023	2017 Old Jolliff Rd, Row 1 Flr. 1	1	B	Res.	67	63	63	66	66	59	7
CM-024	1951 Old Jolliff Rd, Row 1 Flr. 1	1	B	Res.	67	63	63	66	66	56	9
CM-025	4608 Moore Cir, Row 1 Flr. 1	1	B	Res.	67	62	63	65	65	56	9
CM-026	4605 Moore Cir, Row 1 Flr. 1	1	B	Res.	67	61	62	64	64	55	10
CM-027	4605 Huntersbow Ct, Row 5 Flr. 1	1	B	Res.	67	54	55	57	57	52	6
CM-028	4613 Jaye Cir, Row 1 Flr. 1	1	B	Res.	67	61	62	64	64	55	10
CM-029	4604 Huntersbow Ct, Row 5 Flr. 1	1	B	Res.	67	55	56	58	58	51	7
CM-030	1835 Quivers Keep, Row 3 Flr. 1	1	B	Res.	67	57	58	60	60	52	9
CM-031	Union Bethel Baptist Chrch Cemetery, 1817 Jolliff Rd, Row 5 Flr. 1	1	C	Rec.	67	53	54	55	56	49	6
CM-032	4608 Jaye Cir, Row 1 Flr. 1	1	B	Res.	67	63	64	66	66	56	10
CM-033	4604 Moore Cir, Row 1 Flr. 1	1	B	Res.	67	65	65	68	68	58	10
CM-034	1712 Tether Wood Court, Row 4 Flr. 1	1	B	Res.	67	52	53	56	56	48	8
CM-035	4426 Old Woodland Dr, Row 5 Flr. 1	1	B	Res.	67	53	54	56	56	52	5
CM-036	1955 Old Jolliff Rd, Row 1 Flr. 1	1	B	Res.	67	66	66	68	68	58	10
CM-037	4609 Jaye Cir, Row 1 Flr. 1	1	B	Res.	67	63	64	66	66	56	10
CM-038	4601 Old Woodland Dr, Row 1 Flr. 1	1	B	Res.	67	60	61	63	63	54	9
CM-039	1833 Quivers Keep, Row 3 Flr. 1	1	B	Res.	67	59	60	61	62	53	9
CM-040	1708 Tether Wood Court, Row 4 Flr. 1	1	B	Res.	67	52	53	56	56	49	7
CM-041	1704 Tether Wood Court, Row 4 Flr. 1	1	B	Res.	67	53	54	57	57	49	8
CM-042	4600 Huntersbow Ct, Row 5 Flr. 1	1	B	Res.	67	54	55	57	58	49	8
CM-043	4430 Old Woodland Dr, Row 5 Flr. 1	1	B	Res.	67	55	56	57	58	52	6
CM-044	4604 Jaye Cir, Row 1 Flr. 1	1	B	Res.	67	65	66	68	68	58	10
CM-045	4601 Moore Cir, Row 1 Flr. 1	1	B	Res.	67	65	66	68	68	58	10
CM-046	4600 Moore Cir, Row 1 Flr. 1	1	B	Res.	67	66	67	69	69	59	10
CM-047	1831 Quivers Keep, Row 2 Flr. 1	1	B	Res.	67	60	61	63	63	54	9
CM-048	4434 Old Woodland Dr, Row 4 Flr. 1	1	B	Res.	67	54	56	57	57	54	4
CM-049	4605 Jaye Cir, Row 1 Flr. 1	1	B	Res.	67	66	67	69	69	58	11
CM-050	4418 Old Woodland Dr, Row 4 Flr. 1	1	B	Res.	67	55	56	59	59	50	9
CM-051	1808 Arrowhead Ct, Row 3 Flr. 1	1	B	Res.	67	56	57	59	59	56	3
CM-052	1804 Arrowhead Ct, Row 3 Flr. 1	1	B	Res.	67	59	61	62	62	61	1
CM-053	1700 Tether Wood Court, Row 4 Flr. 1	1	B	Res.	67	54	55	58	58	50	8
CM-054	4600 Jaye Cir, Row 1 Flr. 1	1	B	Res.	67	66	67	69	69	58	11
CM-055	1830 Quivers Keep, Row 3 Flr. 1	1	B	Res.	67	57	58	60	60	51	9
CM-056	4600 Old Woodland Dr, Row 1 Flr. 1	1	B	Res.	67	66	67	68	68	58	11
CM-057	1827 Quivers Keep, Row 2 Flr. 1	1	B	Res.	67	62	63	64	64	55	9
CM-058	1812 Arrowhead Ct, Row 3 Flr. 1	1	B	Res.	67	55	56	58	58	54	5
CM-059	4416 Old Woodland Dr, Row 4 Flr. 1	1	B	Res.	67	56	57	60	60	51	9
CM-060	1709 Tether Wood Court, Row 3 Flr. 1	1	B	Res.	67	58	59	61	61	52	9
CM-061	1800 Arrowhead Ct, Row 2 Flr. 1	1	B	Res.	67	59	61	62	62	60	2

Table C-5: Predicted Noise Levels for I-664 in Chesapeake

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
CM-062	4425 Old Woodland Dr, Row 4 Flr. 1	1	B	Res.	67	56	57	59	59	52	7
CM-063	4417 Old Woodland Dr, Row 4 Flr. 1	1	B	Res.	67	56	57	59	59	51	7
CM-064	1825 Quivers Keep, Row 1 Flr. 1	1	B	Res.	67	64	65	66	66	56	10
CM-065	1707 Tether Wood Court, Row 3 Flr. 1	1	B	Res.	67	58	59	61	61	52	10
CM-066	4429 Old Woodland Dr, Row 4 Flr. 1	1	B	Res.	67	56	57	60	60	52	7
CM-067	1703 Tether Wood Court, Row 3 Flr. 1	1	B	Res.	67	58	59	61	61	52	9
CM-068	1828 Quivers Keep, Row 3 Flr. 1	1	B	Res.	67	58	59	61	61	52	9
CM-069	4414 Old Woodland Dr, Row 3 Flr. 1	1	B	Res.	67	58	59	61	61	52	9
CM-070	4437 Old Woodland Dr, Row 3 Flr. 1	1	B	Res.	67	57	58	61	61	53	7
CM-071	1807 Arrowhead Ct, Row 1 Flr. 1	1	B	Res.	67	60	62	63	63	58	5
CM-072	1811 Arrowhead Ct, Row 2 Flr. 1	1	B	Res.	67	59	60	62	62	56	6
CM-073	1812 Crossbow Ct, Row 3 Flr. 1	1	B	Res.	67	56	57	59	59	51	8
CM-074	1808 Crossbow Ct, Row 3 Flr. 1	1	B	Res.	67	54	55	58	58	50	8
CM-075	4441 Old Woodland Dr, Row 3 Flr. 1	1	B	Res.	67	58	59	62	62	54	7
CM-076	1823 Quivers Keep, Row 1 Flr. 1	1	B	Res.	67	67	68	68	68	58	11
CM-077	4410 Old Woodland Dr, Row 3 Flr. 1	1	B	Res.	67	59	60	61	61	52	9
CM-078	1804 Crossbow Ct, Row 3 Flr. 1	1	B	Res.	67	58	59	61	61	54	7
CM-079	1820 Quivers Keep, Row 2 Flr. 1	1	B	Res.	67	63	64	65	65	56	9
CM-080	1816 Quivers Keep, Row 2 Flr. 1	1	B	Res.	67	63	64	65	66	56	10
CM-081	1812 Quivers Keep, Row 2 Flr. 1	1	B	Res.	67	63	64	65	65	56	9
CM-082	4444 Old Woodland Dr, Row 1 Flr. 1	1	B	Res.	67	62	63	65	65	57	7
CM-083	4445 Old Woodland Dr, Row 2 Flr. 1	1	B	Res.	67	60	61	63	63	55	8
CM-084	1808 Quivers Keep, Row 2 Flr. 1	1	B	Res.	67	63	64	65	66	56	9
CM-085	1804 Quivers Keep, Row 2 Flr. 1	1	B	Res.	67	63	64	65	65	56	9
CM-086	4406 Old Woodland Dr, Row 2 Flr. 1	1	B	Res.	67	63	64	65	65	56	9
CM-087	1821 Quivers Keep, Row 1 Flr. 1	1	B	Res.	67	71	72	73	73	61	12
CM-088	4446 Old Woodland Dr, Row 1 Flr. 1	1	B	Res.	67	63	64	67	67	58	8
CM-089	1800 Crossbow Ct, Row 2 Flr. 1	1	B	Res.	67	64	65	66	67	57	9
CM-090	4405 Old Woodland Dr, Row 2 Flr. 1	1	B	Res.	67	66	67	69	69	58	11
CM-091	1819 Quivers Keep, Row 1 Flr. 1	1	B	Res.	67	72	73	74	74	61	13
CM-092	4447 Old Woodland Dr, Row 1 Flr. 1	1	B	Res.	67	66	67	69	69	59	9
CM-093	1817 Quivers Keep, Row 1 Flr. 1	1	B	Res.	67	72	73	74	74	61	13
CM-094	1807 Crossbow Ct, Row 2 Flr. 1	1	B	Res.	67	66	67	68	68	58	10
CM-095	1813 Quivers Keep, Row 1 Flr. 1	1	B	Res.	67	72	73	74	74	61	13
CM-096	1809 Quivers Keep, Row 1 Flr. 1	1	B	Res.	67	72	73	73	73	61	12
CM-097	4448 Old Woodland Dr, Row 1 Flr. 1	1	B	Res.	67	66	67	69	69	58	10
CM-098	1805 Quivers Keep, Row 1 Flr. 1	1	B	Res.	67	72	73	73	73	61	11
CM-099	1803 Quivers Keep, Row 1 Flr. 1	1	B	Res.	67	71	72	73	73	61	11
CM-100	1801 Quivers Keep, Row 1 Flr. 1	1	B	Res.	67	71	72	73	73	61	12
CM-101	4451 Old Woodland Dr, Row 1 Flr. 1	1	B	Res.	67	68	69	71	71	60	11
CM-102	4401 Old Woodland Dr, Row 1 Flr. 1	1	B	Res.	67	72	73	75	75	62	13
CM-103	4455 Old Woodland Dr, Row 1 Flr. 1	1	B	Res.	67	71	72	73	73	61	12
CM-104	4459 Old Woodland Dr, Row 1 Flr. 1	1	B	Res.	67	72	73	74	74	62	12
CN-001	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 1	2	B	Res.	67	70	71	72	72	57	15

Table C-5: Predicted Noise Levels for I-664 in Chesapeake

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		IL
									No-Barrier	With-Barrier	
CN-002	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 1	2	B	Res.	67	71	71	72	73	58	14
CN-003	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 1	2	B	Res.	67	71	71	72	72	56	16
CN-004	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 1	2	B	Res.	67	71	71	72	73	57	15
CN-005	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 1	2	B	Res.	67	68	68	70	70	56	14
CN-006	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 2	2	B	Res.	67	69	69	71	71	58	13
CN-007	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 2	2	B	Res.	67	69	69	71	71	55	16
CN-008	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 1	2	B	Res.	67	70	70	71	71	56	15
CN-009	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 1	1	B	Res.	67	66	66	69	69	55	13
CN-010	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 1	1	B	Res.	67	68	68	69	69	57	12
CN-011	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 1	1	B	Res.	67	67	68	69	69	54	15
CN-012	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 2	1	B	Res.	67	69	69	70	70	55	15
CN-013	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 1	1	B	Res.	67	65	66	68	68	61	8
CN-014	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 2	1	B	Res.	67	69	69	70	70	63	7
CN-015	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 1	2	B	Res.	67	65	66	68	68	59	9
CN-016	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 2	2	B	Res.	67	69	69	70	70	61	9
CN-017	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 1	1	B	Res.	67	65	65	67	68	55	12
CN-018	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 2	1	B	Res.	67	67	67	69	69	56	12
CN-019	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 1	2	B	Res.	67	65	65	68	68	58	10
CN-020	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 2	2	B	Res.	67	68	69	70	70	60	10
CN-021	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 1	1	B	Res.	67	65	65	68	68	56	12
CN-022	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 2	1	B	Res.	67	68	68	69	69	58	11
CN-023	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 1	1	B	Res.	67	65	65	68	68	56	12
CN-024	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 2	1	B	Res.	67	68	68	69	69	57	12
CN-025	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 2	1	B	Res.	67	66	66	68	68	53	15
CN-026	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 1	1	B	Res.	67	68	68	69	69	54	15
CN-027	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 1	1	B	Res.	67	64	65	67	67	55	12
CN-028	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 2	1	B	Res.	67	68	68	69	69	57	12
CN-029	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 1	1	B	Res.	67	64	64	67	67	55	12
CN-030	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 2	1	B	Res.	67	67	67	68	68	56	12
CN-031	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 2	1	B	Res.	67	65	66	68	68	53	15
CN-032	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 1	1	B	Res.	67	67	67	68	68	54	15
CN-033	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 2	1	B	Res.	67	54	55	56	56	54	1
CN-034	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 1	1	B	Res.	67	57	57	58	59	58	1
CN-035	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 2	2	B	Res.	67	52	53	54	54	51	2
CN-036	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 1	2	B	Res.	67	54	55	55	55	53	2
CN-037	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 1	2	B	Res.	67	52	53	54	54	50	3
CN-038	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 1	2	B	Res.	67	54	54	55	55	52	3
CN-039	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 2	1	B	Res.	67	52	53	54	54	50	4
CN-040	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 2	1	B	Res.	67	54	54	55	55	51	4
CN-041	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 2	1	B	Res.	67	53	54	55	56	49	6
CN-042	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 1	1	B	Res.	67	54	55	56	56	51	5
CN-043	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 2	1	B	Res.	67	55	56	57	57	50	7
CN-044	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 2	1	B	Res.	67	56	57	58	58	51	7
CN-045	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 1	1	B	Res.	67	58	59	61	61	51	10

Table C-5: Predicted Noise Levels for I-664 in Chesapeake

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
CN-046	Sunstone Apts, 4600 Peek Trl, Row 1 Flr. 1	1	B	Res.	67	60	61	62	62	52	10
CN-047	2004 Waterstone Cv, Row 1 Flr. 1	1	B	Res.	67	60	61	62	62	59	2
CN-048	2006 Waterstone Cv, Row 1 Flr. 1	1	B	Res.	67	61	61	62	62	60	2
CN-049	2000 Waterstone Cv, Row 2 Flr. 1	1	B	Res.	67	59	60	61	61	58	2
CN-050	4601 Peek Trl, Row 2 Flr. 1	1	B	Res.	67	58	59	60	60	57	3
CN-051	4609 Peek Trl, Row 1 Flr. 1	1	B	Res.	67	63	64	66	66	53	13
CN-052	4720 Waterstone Way, Row 1 Flr. 1	1	B	Res.	67	59	59	60	60	58	1
CN-053	4716 Waterstone Way, Row 1 Flr. 1	1	B	Res.	67	56	57	58	58	56	1
CN-054	2003 Waterstone Cv, Row 2 Flr. 1	1	B	Res.	67	57	57	59	59	55	3
CN-055	4541 Peek Trl, Row 1 Flr. 1	1	B	Res.	67	56	57	57	57	NA	NA
CN-056	4712 Waterstone Way, Row 2 Flr. 1	1	B	Res.	67	55	56	57	57	55	2
CN-057	4516 Peek Trl, Row 1 Flr. 1	1	B	Res.	67	57	58	58	58	NA	NA
CN-058	2005 Waterstone Cv, Row 3 Flr. 1	1	B	Res.	67	55	56	57	57	53	4
CN-059	2035 River Pearl Way, Row 2 Flr. 1	1	B	Res.	67	58	58	60	60	54	6
CN-060	2037 River Pearl Way, Row 2 Flr. 1	1	B	Res.	67	57	58	59	59	54	5
CN-061	2033 River Pearl Way, Row 2 Flr. 1	1	B	Res.	67	58	59	61	61	53	7
CN-062	2031 River Pearl Way, Row 2 Flr. 1	1	B	Res.	67	59	59	61	61	53	9
CN-063	2029 River Pearl Way, Row 2 Flr. 1	1	B	Res.	67	59	59	62	62	52	10
CN-064	4708 Waterstone Way, Row 2 Flr. 1	1	B	Res.	67	55	56	57	57	54	3
CN-065	2039 River Pearl Way, Row 2 Flr. 1	1	B	Res.	67	56	57	59	59	55	4
CN-066	4613 Peek Trl, Row 1 Flr. 1	1	B	Res.	67	61	61	63	64	51	12
CN-067	2027 River Pearl Way, Row 1 Flr. 1	1	B	Res.	67	59	60	62	62	52	10
CN-068	4705 Waterstone Way, Row 3 Flr. 1	1	B	Res.	67	55	56	57	57	53	4
CN-069	4520 Peek Trl, Row 1 Flr. 1	1	B	Res.	67	58	59	59	59	NA	NA
CN-070	2025 River Pearl Way, Row 1 Flr. 1	1	B	Res.	67	59	60	62	62	51	11
CN-071	2023 River Pearl Way, Row 1 Flr. 1	1	B	Res.	67	59	59	62	62	51	11
CN-072	4704 Waterstone Way, Row 3 Flr. 1	1	B	Res.	67	55	56	57	57	54	2
CN-073	4543 Peek Trl, Row 2 Flr. 1	1	B	Res.	67	55	56	56	56	NA	NA
CN-074	4701 Waterstone Way, Row 3 Flr. 1	1	B	Res.	67	54	54	56	56	53	3
CN-075	2032 River Pearl Way, Row 3 Flr. 1	1	B	Res.	67	53	54	55	55	51	5
CN-076	2036 River Pearl Way, Row 3 Flr. 1	1	B	Res.	67	53	54	55	55	51	4
CN-077	2030 River Pearl Way, Row 3 Flr. 1	1	B	Res.	67	53	54	55	55	50	5
CN-078	4700 Feldspar Quay, Row 3 Flr. 1	1	B	Res.	67	54	54	55	56	50	6
CN-079	2038 River Pearl Way, Row 3 Flr. 1	1	B	Res.	67	53	54	55	55	51	4
CN-080	2102 Cyprine Cv, Row 3 Flr. 1	1	B	Res.	67	54	54	56	56	53	3
CN-081	2100 Cyprine Cv, Row 4 Flr. 1	1	B	Res.	67	53	54	55	55	52	3
CN-082	2104 Cyprine Cv, Row 3 Flr. 1	1	B	Res.	67	53	54	55	55	52	3
CN-083	4508 Peek Trl, Row 2 Flr. 1	1	B	Res.	67	61	62	60	61	NA	NA
CN-084	2044 River Pearl Way, Row 4 Flr. 1	1	B	Res.	67	53	54	55	55	51	4
CN-085	2106 Cyprine Cv, Row 4 Flr. 1	1	B	Res.	67	53	54	55	55	52	2
CN-086	2103 Cyprine Cv, Row 4 Flr. 1	1	B	Res.	67	53	54	55	55	51	3
CN-087	2105 Cyprine Cv, Row 4 Flr. 1	1	B	Res.	67	53	54	55	55	51	3
CN-088	Believers Church Play Area, 4500 Peek Trl, Row 2 Flr. 1	1	C	Rec.	67	63	64	63	63	NA	NA
CN-089	2047 River Pearl Way, Row 5 Flr. 1	1	B	Res.	67	53	53	54	54	51	3

Table C-5: Predicted Noise Levels for I-664 in Chesapeake

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
CO-001	2300 Jolliff Rd, Row 2 Flr. 1	1	B	Res.	67	56	57	60	60	NA	NA
CO-002	2256 Jolliff Rd, Row 2 Flr. 1	1	B	Res.	67	56	57	59	59	NA	NA
CO-003	2300 Jolliff Rd, Row 2 Flr. 1	1	B	Res.	67	57	58	61	61	NA	NA
CO-004	2300 Jolliff Rd, Row 2 Flr. 1	1	B	Res.	67	57	58	60	61	NA	NA
CO-005	2300 Jolliff Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	61	61	NA	NA
CO-006	2300 Jolliff Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	61	61	NA	NA
CO-007	2300 Jolliff Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	62	62	NA	NA
CO-008	2300 Jolliff Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	62	62	NA	NA
CO-009	Jolliff Rd, Row 1 Flr. 1	1	B	Res.	67	68	69	71	71	66	5
CO-010	2352 Jolliff Rd, Row 1 Flr. 1	1	B	Res.	67	71	72	71	72	65	7
CO-011	2046 River Pearl Way, Row 5 Flr. 1	1	B	Res.	67	53	54	55	55	51	4
CP-001	Holiday Inn Express & Suites Chesapeake, 2436 Gum Rd, Row 1 Flr. 1	1	E	Com.	72	58	59	60	60	NA	NA
CP-002	2432 Gum Rd, Row 1 Flr. 1	1	B	Res.	67	60	61	61	61	NA	NA
CP-003	Horizon Community Church, 2430 Gum Rd, Row 1 Flr. 1	1	D	Int.	52	33	35	35	35	NA	NA
CP-004	2428 Gum Rd, Row 2 Flr. 1	1	B	Res.	67	63	64	64	64	NA	NA
CQ-001	4630 Old Fox Trl, Row 1 Flr. 1	1	B	Res.	67	69	70	70	70	60	9
CQ-002	3028 Trappers Run, Row 1 Flr. 1	1	B	Res.	67	68	69	69	69	59	9
CQ-003	3030 Trappers Run, Row 1 Flr. 1	1	B	Res.	67	69	70	69	69	59	9
CQ-004	3014 Trappers Run, Row 1 Flr. 1	1	B	Res.	67	68	69	69	69	59	10
CQ-005	3006 Trappers Run, Row 1 Flr. 1	1	B	Res.	67	68	69	69	70	60	10
CQ-006	3016 Trappers Run, Row 1 Flr. 1	1	B	Res.	67	68	69	69	69	59	10
CQ-007	3020 Trappers Run, Row 1 Flr. 1	1	B	Res.	67	68	69	69	69	59	9
CQ-008	3012 Trappers Run, Row 1 Flr. 1	1	B	Res.	67	68	69	69	69	59	10
CQ-009	3004 Trappers Run, Row 1 Flr. 1	1	B	Res.	67	68	69	70	70	60	10
CQ-010	4626 Old Fox Trl, Row 1 Flr. 1	1	B	Res.	67	68	69	69	69	58	9
CQ-011	4611 Trapshoot Ct, Row 1 Flr. 1	1	B	Res.	67	69	70	70	70	60	10
CQ-012	4615 Trapshoot Ct, Row 1 Flr. 1	1	B	Res.	67	69	70	70	70	60	9
CQ-013	2730 Big Bend Ct, Row 1 Flr. 1	1	B	Res.	67	73	74	72	72	62	9
CQ-014	2904 Tracker Ln, Row 1 Flr. 1	1	B	Res.	67	71	72	71	71	61	9
CQ-015	2728 Big Bend Ct, Row 1 Flr. 1	1	B	Res.	67	73	74	72	72	62	9
CQ-016	4628 Olde Stone Way, Row 1 Flr. 1	1	B	Res.	67	70	71	70	71	61	9
CQ-017	Chesapeake Public Trail, Bromay St, Row 1 Flr. 2	3	C	Rec.	67	69	70	69	69	59	8
CQ-018	2912 Tracker Ln, Row 1 Flr. 1	1	B	Res.	67	71	72	71	71	61	9
CQ-019	2718 Big Bend Ct, Row 1 Flr. 1	1	B	Res.	67	74	75	72	72	62	10
CQ-020	2716 Big Bend Ct, Row 1 Flr. 1	1	B	Res.	67	74	75	72	72	62	10
CQ-021	2906 Tracker Ln, Row 1 Flr. 1	1	B	Res.	67	70	71	71	71	61	9
CQ-022	2706 Big Bend Ct, Row 1 Flr. 1	1	B	Res.	67	75	76	73	73	62	10
CQ-023	2704 Big Bend Ct, Row 1 Flr. 1	1	B	Res.	67	75	76	73	73	62	10
CQ-024	4641 Hunting Wood Rd, Row 1 Flr. 1	1	B	Res.	67	69	70	70	70	60	9
CQ-025	4612 Hunt Trl, Row 1 Flr. 1	1	B	Res.	67	72	73	72	72	62	10
CQ-026	4640 Hunting Wood Rd, Row 1 Flr. 1	1	B	Res.	67	68	69	70	70	60	9
CQ-027	4637 Hunting Wood Rd, Row 1 Flr. 1	1	B	Res.	67	69	70	70	70	60	9
CQ-028	4632 Olde Stone Way, Row 1 Flr. 1	1	B	Res.	67	69	70	70	70	60	9
CQ-029	2732 Big Bend Ct, Row 1 Flr. 1	1	B	Res.	67	72	73	72	72	62	10

Table C-5: Predicted Noise Levels for I-664 in Chesapeake

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
CQ-030	2726 Big Bend Ct, Row 1 Flr. 1	1	B	Res.	67	72	73	72	72	62	10
CQ-031	4628 Old Fox Trl, Row 1 Flr. 1	1	B	Res.	67	68	69	68	69	59	8
CQ-032	3024 Trappers Run, Row 1 Flr. 1	1	B	Res.	67	63	64	64	64	55	9
CQ-033	3026 Trappers Run, Row 1 Flr. 1	1	B	Res.	67	64	65	65	65	56	8
CQ-034	2720 Big Bend Ct, Row 1 Flr. 1	1	B	Res.	67	71	72	72	72	62	9
CQ-035	4633 Hunting Wood Rd, Row 1 Flr. 1	1	B	Res.	67	69	70	70	70	60	9
CQ-036	2714 Big Bend Ct, Row 1 Flr. 1	1	B	Res.	67	71	72	72	72	62	10
CQ-037	2914 Tracker Ln, Row 1 Flr. 1	1	B	Res.	67	69	70	70	70	60	9
CQ-038	2708 Big Bend Ct, Row 1 Flr. 1	1	B	Res.	67	71	72	72	72	62	10
CQ-039	4624 Old Fox Trl, Row 1 Flr. 1	1	B	Res.	67	66	67	67	67	57	9
CQ-040	4609 Trapshoot Ct, Row 1 Flr. 1	1	B	Res.	67	67	68	69	69	59	10
CQ-041	2702 Big Bend Ct, Row 1 Flr. 1	1	B	Res.	67	71	72	72	72	62	10
CQ-042	4610 Hunt Trl, Row 1 Flr. 1	1	B	Res.	67	70	71	71	71	61	10
CQ-043	4613 Trapshoot Ct, Row 1 Flr. 1	1	B	Res.	67	67	68	69	69	59	9
CQ-044	4626 Olde Stone Way, Row 1 Flr. 1	1	B	Res.	67	69	70	70	70	60	9
CQ-045	2908 Tracker Ln, Row 1 Flr. 1	1	B	Res.	67	69	70	70	70	61	9
CQ-046	3018 Trappers Run, Row 1 Flr. 1	1	B	Res.	67	63	64	65	65	56	8
CQ-047	3022 Trappers Run, Row 1 Flr. 1	1	B	Res.	67	63	64	65	65	56	8
CQ-048	4630 Olde Stone Way, Row 1 Flr. 1	1	B	Res.	67	67	68	68	68	58	9
CQ-049	4636 Hunting Wood Rd, Row 1 Flr. 1	1	B	Res.	67	68	69	69	69	58	9
CQ-050	3010 Trappers Run, Row 1 Flr. 1	1	B	Res.	67	63	64	65	65	56	8
CQ-051	3000 Trappers Run, Row 1 Flr. 1	1	B	Res.	67	63	64	65	65	56	9
CQ-052	3008 Trappers Run, Row 1 Flr. 1	1	B	Res.	67	63	64	65	65	56	8
CQ-053	3002 Trappers Run, Row 1 Flr. 1	1	B	Res.	67	65	66	66	66	57	9
CQ-054	4629 Hunting Wood Rd, Row 1 Flr. 1	1	B	Res.	67	67	68	68	68	58	9
CQ-055	2734 Big Bend Ct, Row 1 Flr. 1	1	B	Res.	67	66	67	67	67	59	9
CQ-056	2724 Big Bend Ct, Row 1 Flr. 1	1	B	Res.	67	65	66	66	66	59	7
CQ-057	2900 Tracker Ln, Row 1 Flr. 1	1	B	Res.	67	66	67	67	67	58	8
CQ-058	4608 Hunt Trl, Row 1 Flr. 1	1	B	Res.	67	69	71	70	71	61	10
CQ-059	2910 Tracker Ln, Row 1 Flr. 1	1	B	Res.	67	67	68	68	68	59	9
CQ-060	2902 Tracker Ln, Row 1 Flr. 1	1	B	Res.	67	65	66	66	66	58	8
CQ-061	2722 Big Bend Ct, Row 1 Flr. 1	1	B	Res.	67	64	65	66	66	57	8
CQ-062	2712 Big Bend Ct, Row 1 Flr. 1	1	B	Res.	67	65	66	66	66	57	8
CQ-063	2710 Big Bend Ct, Row 1 Flr. 1	1	B	Res.	67	65	66	66	66	58	8
CQ-064	2700 Big Bend Ct, Row 1 Flr. 1	1	B	Res.	67	66	67	67	67	59	8
CQ-065	4622 Old Fox Trl, Row 1 Flr. 1	1	B	Res.	67	66	67	67	67	59	8
CQ-066	2901 Tracker Ln, Row 1 Flr. 1	1	B	Res.	67	69	70	70	70	60	10
CQ-067	4618 Old Fox Trl, Row 1 Flr. 1	1	B	Res.	67	65	66	66	66	57	9
CQ-068	4606 Hunt Trl, Row 1 Flr. 1	1	B	Res.	67	69	70	70	70	60	10
CQ-069	4620 Olde Stone Way, Row 2 Flr. 1	1	B	Res.	67	67	68	68	69	58	9
CQ-070	4603 Trapshoot Ct, Row 2 Flr. 1	1	B	Res.	67	66	67	67	67	57	9
CQ-071	4607 Trapshoot Ct, Row 2 Flr. 1	1	B	Res.	67	65	66	66	66	56	10
CQ-072	4609 Hunt Trl, Row 1 Flr. 1	1	B	Res.	67	68	69	69	70	60	10
CQ-073	4625 Hunting Wood Rd, Row 2 Flr. 1	1	B	Res.	67	65	66	67	67	57	9

Table C-5: Predicted Noise Levels for I-664 in Chesapeake

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
CQ-074	4632 Hunting Wood Rd, Row 2 Flr. 1	1	B	Res.	67	64	65	65	65	55	10
CQ-075	4624 Olde Stone Way, Row 2 Flr. 1	1	B	Res.	67	65	66	66	66	56	10
CQ-076	Chesapeake Public Trail, Bromay St, Row 1 Flr. 1	4	C	Rec.	67	66	67	67	67	61	5
CQ-077	2909 Tracker Ln, Row 2 Flr. 1	1	B	Res.	67	67	68	68	68	58	9
CQ-078	4620 Old Fox Trl, Row 1 Flr. 1	1	B	Res.	67	65	66	66	66	59	7
CQ-079	2905 Tracker Ln, Row 2 Flr. 1	1	B	Res.	67	66	67	67	67	58	8
CQ-080	4619 Old Fox Trl, Row 2 Flr. 1	1	B	Res.	67	65	66	66	66	57	9
CQ-081	4618 Olde Stone Way, Row 3 Flr. 1	1	B	Res.	67	66	67	68	68	58	9
CQ-082	4622 Woodmark Trl, Row 2 Flr. 1	1	B	Res.	67	65	66	66	66	57	9
CQ-083	4616 Old Fox Trl, Row 1 Flr. 1	1	B	Res.	67	64	65	65	65	56	9
CQ-084	4619 Olde Stone Way, Row 2 Flr. 1	1	B	Res.	67	65	66	67	67	58	8
CQ-085	4623 Old Fox Trl, Row 2 Flr. 1	1	B	Res.	67	65	66	66	66	56	9
CQ-086	4618 Woodmark Trl, Row 2 Flr. 1	1	B	Res.	67	64	65	65	65	55	9
CQ-087	4601 Trapshoot Ct, Row 2 Flr. 1	1	B	Res.	67	65	66	66	66	56	9
CQ-088	2903 Tracker Ln, Row 2 Flr. 1	1	B	Res.	67	66	67	67	67	58	10
CQ-089	4621 Olde Stone Way, Row 2 Flr. 1	1	B	Res.	67	66	67	67	67	58	8
CQ-090	4623 Woodmark Trl, Row 2 Flr. 1	1	B	Res.	67	65	66	66	66	57	9
CQ-091	4605 Trapshoot Ct, Row 2 Flr. 1	1	B	Res.	67	64	65	65	65	55	10
CQ-092	4621 Hunting Wood Rd, Row 2 Flr. 1	1	B	Res.	67	64	65	66	66	56	9
CQ-093	4621 Woodmark Trl, Row 2 Flr. 1	1	B	Res.	67	65	66	66	66	57	9
CQ-094	4622 Olde Stone Way, Row 3 Flr. 1	1	B	Res.	67	64	65	65	65	55	10
CQ-095	3003 Trappers Run, Row 2 Flr. 1	1	B	Res.	67	65	66	66	66	56	9
CQ-096	4623 Olde Stone Way, Row 2 Flr. 1	1	B	Res.	67	66	67	67	67	58	8
CQ-097	3001 Trappers Run, Row 2 Flr. 1	1	B	Res.	67	65	66	66	66	56	10
CQ-098	4628 Hunting Wood Rd, Row 2 Flr. 1	1	B	Res.	67	63	64	64	64	55	9
CQ-099	4611 Hunt Trl, Row 2 Flr. 1	1	B	Res.	67	65	66	66	66	57	10
CQ-100	4617 Old Fox Trl, Row 2 Flr. 1	1	B	Res.	67	64	65	65	65	56	9
CQ-101	4620 Woodmark Trl, Row 2 Flr. 1	1	B	Res.	67	64	65	65	65	55	10
CQ-102	2800 Big Bend Dr, Row 2 Flr. 1	1	B	Res.	67	66	67	67	67	59	8
CQ-103	4621 Old Fox Trl, Row 2 Flr. 1	1	B	Res.	67	63	64	64	64	54	10
CQ-104	4616 Woodmark Trl, Row 2 Flr. 1	1	B	Res.	67	63	64	64	64	54	10
CQ-105	4619 Woodmark Trl, Row 2 Flr. 1	1	B	Res.	67	65	66	66	66	56	10
CQ-106	4614 Old Fox Trl, Row 2 Flr. 1	1	B	Res.	67	64	65	66	66	58	6
CQ-107	2908 Big Bend Dr, Row 2 Flr. 1	1	B	Res.	67	67	68	68	68	58	9
CQ-108	2801 Big Bend Dr, Row 2 Flr. 1	1	B	Res.	67	66	67	67	67	59	8
CQ-109	3000 Trail Bend Dr, Row 2 Flr. 1	1	B	Res.	67	63	64	64	64	55	9
CQ-110	3014 Trail Bend Dr, Row 3 Flr. 1	1	B	Res.	67	64	65	65	65	55	10
CQ-111	4617 Woodmark Trl, Row 2 Flr. 1	1	B	Res.	67	64	65	65	65	54	10
CQ-112	3007 Trappers Run, Row 2 Flr. 1	1	B	Res.	67	64	65	65	65	55	10
CQ-113	4610 Old Fox Trl, Row 2 Flr. 1	1	B	Res.	67	64	65	64	64	55	9
CQ-114	3005 Trappers Run, Row 2 Flr. 1	1	B	Res.	67	64	65	64	64	55	10
CQ-115	4617 Hunting Wood Rd, Row 3 Flr. 1	1	B	Res.	67	63	64	65	65	55	9
CQ-116	2906 Big Bend Dr, Row 2 Flr. 1	1	B	Res.	67	64	65	65	65	55	10
CQ-117	3002 Trail Bend Dr, Row 2 Flr. 1	1	B	Res.	67	63	64	64	65	55	9

Table C-5: Predicted Noise Levels for I-664 in Chesapeake

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
CQ-118	4613 Olde Stone Way, Row 3 Flr. 1	1	B	Res.	67	64	65	65	65	56	9
CQ-119	2911 Tracker Ln, Row 3 Flr. 1	1	B	Res.	67	64	65	65	65	55	10
CQ-120	3012 Trail Bend Dr, Row 3 Flr. 1	1	B	Res.	67	65	66	66	66	55	10
CQ-121	4612 Olde Stone Way, Row 3 Flr. 1	1	B	Res.	67	65	66	66	66	57	9
CQ-122	3004 Trail Bend Dr, Row 2 Flr. 1	1	B	Res.	67	63	64	64	65	55	9
CQ-123	4617 Olde Stone Way, Row 3 Flr. 1	1	B	Res.	67	62	63	63	63	54	9
CQ-124	2907 Tracker Ln, Row 3 Flr. 1	1	B	Res.	67	62	63	63	63	54	9
CQ-125	3006 Trail Bend Dr, Row 3 Flr. 1	1	B	Res.	67	64	65	65	65	55	9
CQ-126	2912 Big Bend Dr, Row 3 Flr. 1	1	B	Res.	67	64	65	65	65	56	10
CQ-127	3008 Trail Bend Dr, Row 3 Flr. 1	1	B	Res.	67	64	65	65	65	55	9
CQ-128	4615 Olde Stone Way, Row 3 Flr. 1	1	B	Res.	67	62	63	63	63	54	9
CQ-129	4616 Olde Stone Way, Row 3 Flr. 1	1	B	Res.	67	63	64	64	64	54	9
CQ-130	2916 Big Bend Dr, Row 3 Flr. 1	1	B	Res.	67	63	64	64	64	55	9
CQ-131	4612 Old Fox Trl, Row 2 Flr. 1	1	B	Res.	67	64	65	65	65	58	6
CQ-132	4607 Olde Stone Way, Row 3 Flr. 1	1	B	Res.	67	62	63	63	63	54	9
CQ-133	4613 Hunting Wood Rd, Row 3 Flr. 1	1	B	Res.	67	63	64	64	64	54	9
CQ-134	4608 Big Game Way, Row 3 Flr. 1	1	B	Res.	67	63	64	64	64	54	10
CQ-135	4608 Old Fox Trl, Row 2 Flr. 1	1	B	Res.	67	63	64	64	64	55	8
CQ-136	4610 Woodmark Trl, Row 3 Flr. 1	1	B	Res.	67	63	64	63	63	54	9
CQ-137	4609 Olde Stone Way, Row 3 Flr. 1	1	B	Res.	67	62	63	63	63	54	9
CQ-138	4611 Old Fox Trl, Row 3 Flr. 1	1	B	Res.	67	63	64	64	64	55	8
CQ-139	4610 Olde Stone Way, Row 4 Flr. 1	1	B	Res.	67	64	65	65	65	56	9
CQ-140	4608 Woodmark Trl, Row 3 Flr. 1	1	B	Res.	67	62	63	63	63	53	10
CQ-141	4615 Old Fox Trl, Row 3 Flr. 1	1	B	Res.	67	62	63	62	63	53	9
CQ-142	4611 Woodmark Trl, Row 3 Flr. 1	1	B	Res.	67	64	65	64	64	54	10
CQ-143	2805 Big Bend Dr, Row 2 Flr. 1	1	B	Res.	67	65	66	65	66	57	8
CQ-144	4611 Olde Stone Way, Row 3 Flr. 1	1	B	Res.	67	63	64	64	64	54	10
CQ-145	4614 Olde Stone Way, Row 4 Flr. 1	1	B	Res.	67	62	63	63	63	53	9
CQ-146	2910 Big Bend Dr, Row 2 Flr. 1	1	B	Res.	67	65	66	66	66	57	9
CQ-147	4615 Woodmark Trl, Row 3 Flr. 1	1	B	Res.	67	62	63	63	63	52	10
CQ-148	2904 Big Bend Dr, Row 2 Flr. 1	1	B	Res.	67	62	63	63	63	55	8
CQ-149	4609 Hunting Wood Rd, Row 4 Flr. 1	1	B	Res.	67	62	63	63	63	54	9
CQ-150	2812 Gum Rd, Row 1 Flr. 1	1	B	Res.	67	66	67	67	67	58	9
CQ-151	4606 Big Game Way, Row 3 Flr. 1	1	B	Res.	67	62	63	63	63	53	10
CQ-152	4614 Woodmark Trl, Row 3 Flr. 1	1	B	Res.	67	62	63	62	62	54	9
CQ-153	4609 Old Fox Trl, Row 3 Flr. 1	1	B	Res.	67	63	64	63	63	55	8
CQ-154	2914 Big Bend Dr, Row 3 Flr. 1	1	B	Res.	67	61	62	62	63	54	8
CQ-155	4612 Woodmark Trl, Row 3 Flr. 1	1	B	Res.	67	62	63	62	62	53	10
CQ-156	4609 Woodmark Trl, Row 3 Flr. 1	1	B	Res.	67	63	64	63	64	54	10
CQ-157	4613 Old Fox Trl, Row 3 Flr. 1	1	B	Res.	67	61	62	62	62	53	9
CQ-158	3001 Trail Bend Dr, Row 3 Flr. 1	1	B	Res.	67	61	62	62	62	53	9
CQ-159	4606 Old Fox Trl, Row 3 Flr. 1	1	B	Res.	67	63	64	64	64	58	5
CQ-160	2918 Big Bend Dr, Row 3 Flr. 1	1	B	Res.	67	61	62	62	62	53	8
CQ-161	4613 Woodmark Trl, Row 3 Flr. 1	1	B	Res.	67	61	62	62	62	52	9

Table C-5: Predicted Noise Levels for I-664 in Chesapeake

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
CQ-162	4602 Old Fox Trl, Row 3 Flr. 1	1	B	Res.	67	62	63	63	63	55	7
CQ-163	2504 Gum Tree Ct, Row 1 Flr. 1	1	B	Res.	67	72	73	72	72	65	7
CQ-164	3003 Trail Bend Dr, Row 3 Flr. 1	1	B	Res.	67	60	61	61	61	52	9
CQ-165	2521 Gum Rd, Row 1 Flr. 1	1	B	Res.	67	71	72	72	73	63	7
CQ-166	2508 Gum Tree Ct, Row 1 Flr. 1	1	B	Res.	67	72	73	72	73	65	7
CQ-167	4600 Olde Stone Way, Row 4 Flr. 1	1	B	Res.	67	63	64	64	64	55	9
CQ-168	3005 Trail Bend Dr, Row 3 Flr. 1	1	B	Res.	67	60	61	61	61	52	9
CQ-169	3015 Trail Bend Dr, Row 4 Flr. 1	1	B	Res.	67	62	63	62	62	53	9
CQ-170	Living Waters Christian Fellowship Play Area, 2700 Gum Rd, Row 1 Flr. 1	1	C	Rec.	67	67	68	70	70	59	10
CQ-171	3007 Trail Bend Dr, Row 3 Flr. 1	1	B	Res.	67	60	61	61	61	52	9
CQ-172	4601 Olde Stone Way, Row 4 Flr. 1	1	B	Res.	67	63	64	64	64	54	9
CQ-173	4605 Hunting Wood Rd, Row 4 Flr. 1	1	B	Res.	67	61	62	62	63	53	9
CQ-174	4605 Olde Stone Way, Row 4 Flr. 1	1	B	Res.	67	61	62	62	62	53	8
CQ-175	4604 Big Game Way, Row 4 Flr. 1	1	B	Res.	67	61	62	62	62	53	9
CQ-176	3013 Trail Bend Dr, Row 4 Flr. 1	1	B	Res.	67	61	62	61	61	53	8
CQ-177	4602 Olde Stone Way, Row 4 Flr. 1	1	B	Res.	67	61	62	62	62	53	9
CQ-178	4603 Olde Stone Way, Row 4 Flr. 1	1	B	Res.	67	62	63	63	63	54	9
CQ-179	Living Waters Christian Fellowship, 2700 Gum Rd, Row 1 Flr. 1	1	D	Int.	52	42	43	45	45	59	11
CQ-180	2813 Big Bend Dr, Row 3 Flr. 1	1	B	Res.	67	63	64	64	64	56	7
CQ-181	3009 Trail Bend Dr, Row 4 Flr. 1	1	B	Res.	67	60	61	61	61	52	9
CQ-182	3011 Trail Bend Dr, Row 4 Flr. 1	1	B	Res.	67	60	61	61	61	52	8
CQ-183	4603 Old Fox Trl, Row 4 Flr. 1	1	B	Res.	67	62	63	63	63	55	7
CQ-184	4604 Old Fox Trl, Row 3 Flr. 1	1	B	Res.	67	62	63	64	64	58	5
CQ-185	4607 Old Fox Trl, Row 4 Flr. 1	1	B	Res.	67	61	62	61	61	53	8
CQ-186	4606 Woodmark Trl, Row 4 Flr. 1	1	B	Res.	67	61	62	62	62	54	8
CQ-187	2809 Big Bend Dr, Row 3 Flr. 1	1	B	Res.	67	63	64	64	64	56	7
CQ-188	4600 Old Fox Trl, Row 3 Flr. 1	1	B	Res.	67	62	63	62	62	55	7
CQ-189	4602 Woodmark Trl, Row 4 Flr. 1	1	B	Res.	67	61	62	62	62	53	9
CQ-190	4604 Olde Stone Way, Row 4 Flr. 1	1	B	Res.	67	63	64	64	64	54	9
CQ-191	2901 Big Bend Dr, Row 3 Flr. 1	1	B	Res.	67	64	65	65	65	56	8
CQ-192	2905 Big Bend Dr, Row 3 Flr. 1	1	B	Res.	67	63	64	64	64	55	8
CQ-193	4606 Olde Stone Way, Row 4 Flr. 1	1	B	Res.	67	61	62	61	61	52	9
CQ-194	4602 Big Game Way, Row 4 Flr. 1	1	B	Res.	67	61	62	61	61	52	9
CQ-195	4601 Hunting Wood Rd, Row 4 Flr. 1	1	B	Res.	67	61	62	62	62	53	8
CQ-196	2909 Big Bend Dr, Row 3 Flr. 1	1	B	Res.	67	62	63	63	63	55	8
CQ-197	4603 Woodmark Trl, Row 4 Flr. 1	1	B	Res.	67	61	62	62	62	53	9
CQ-198	4601 Old Fox Trl, Row 4 Flr. 1	1	B	Res.	67	61	62	62	62	55	7
CQ-199	4607 Woodmark Trl, Row 4 Flr. 1	1	B	Res.	67	60	61	61	61	52	8
CQ-200	2913 Big Bend Dr, Row 4 Flr. 1	1	B	Res.	67	62	63	63	63	54	8
CQ-201	4605 Old Fox Trl, Row 4 Flr. 1	1	B	Res.	67	60	61	61	61	52	8
CQ-202	4604 Woodmark Trl, Row 4 Flr. 1	1	B	Res.	67	60	61	61	61	53	8
CQ-203	2808 Gum Rd, Row 1 Flr. 1	1	B	Res.	67	66	67	68	68	58	9
CQ-204	3000 Big Bend Dr, Row 4 Flr. 1	1	B	Res.	67	60	61	61	61	52	9

Table C-5: Predicted Noise Levels for I-664 in Chesapeake

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
CQ-205	4600 Woodmark Trl, Row 4 Flr. 1	1	B	Res.	67	60	61	61	61	52	9
CQ-206	2917 Big Bend Dr, Row 4 Flr. 1	1	B	Res.	67	61	62	62	62	54	8
CQ-207	2804 Gum Rd, Row 1 Flr. 1	1	B	Res.	67	66	67	68	68	58	8
CQ-208	3002 Big Bend Dr, Row 4 Flr. 1	1	B	Res.	67	58	59	59	59	50	8
CQ-209	4512 Winnie Dr, Row 1 Flr. 1	1	B	Res.	67	65	66	68	68	58	10
CQ-210	2921 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	61	62	63	63	54	9
CQ-211	3004 Big Bend Dr, Row 4 Flr. 1	1	B	Res.	67	57	58	58	58	50	8
CQ-212	3018 Big Bend Dr, Row 4 Flr. 1	1	B	Res.	67	59	60	60	60	52	8
CQ-213	4601 Woodmark Trl, Row 4 Flr. 1	1	B	Res.	67	61	62	62	62	53	8
CQ-214	4605 Woodmark Trl, Row 4 Flr. 1	1	B	Res.	67	60	61	60	60	52	8
CQ-215	3006 Big Bend Dr, Row 4 Flr. 1	1	B	Res.	67	57	58	58	58	50	8
CQ-216	3008 Big Bend Dr, Row 4 Flr. 1	1	B	Res.	67	57	58	58	58	50	8
CQ-217	2925 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	62	63	63	63	54	9
CQ-218	3010 Big Bend Dr, Row 4 Flr. 1	1	B	Res.	67	57	58	58	58	50	8
CQ-219	4600 Big Game Way, Row 4 Flr. 1	1	B	Res.	67	60	61	60	61	52	8
CQ-220	3012 Big Bend Dr, Row 4 Flr. 1	1	B	Res.	67	57	58	58	58	50	8
CQ-221	3016 Big Bend Dr, Row 4 Flr. 1	1	B	Res.	67	58	59	59	59	51	8
CQ-222	4509 Winnie Dr, Row 1 Flr. 1	1	B	Res.	67	65	66	68	68	59	9
CQ-223	2929 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	62	63	63	63	54	9
CQ-224	3127 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	62	63	63	63	57	5
CQ-225	2933 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	61	62	62	63	54	8
CQ-226	2730 Gum Rd, Row 1 Flr. 1	1	B	Res.	67	66	67	68	69	58	9
CQ-227	3125 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	61	62	62	62	57	5
CQ-228	2937 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	61	62	62	62	54	8
CQ-229	3119 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	61	62	62	62	56	5
CQ-230	2941 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	62	63	62	63	54	8
CQ-231	3117 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	61	62	62	62	56	6
CQ-232	3131 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	58	59	60	60	56	3
CQ-233	3111 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	61	62	62	62	55	6
CQ-234	2945 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	61	62	62	62	53	8
CQ-235	4508 Winnie Dr, Row 1 Flr. 1	1	B	Res.	67	62	63	65	65	56	9
CQ-236	3129 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	57	58	58	58	54	4
CQ-237	3109 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	61	62	62	62	55	7
CQ-238	3025 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	60	61	60	61	53	8
CQ-239	2949 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	61	62	62	62	53	8
CQ-240	3103 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	60	61	61	61	55	6
CQ-241	3123 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	56	57	57	57	53	4
CQ-242	3001 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	59	60	60	61	52	8
CQ-243	4505 Winnie Dr, Row 1 Flr. 1	1	B	Res.	67	63	64	65	66	57	8
CQ-244	3101 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	60	61	61	61	54	7
CQ-245	3121 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	56	57	57	57	52	4
CQ-246	3115 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	55	56	56	56	52	5
CQ-247	3003 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	57	58	59	59	51	7
CQ-248	3023 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	60	61	60	60	53	7

Table C-5: Predicted Noise Levels for I-664 in Chesapeake

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
CQ-249	3113 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	55	56	56	56	51	5
CQ-250	2604 Gum Rd, Row 1 Flr. 1	1	B	Res.	67	63	64	66	66	58	8
CQ-251	3005 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	56	57	58	58	50	7
CQ-252	3021 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	59	60	60	60	53	7
CQ-253	2714 Gum Rd, Row 1 Flr. 1	1	B	Res.	67	64	65	67	67	57	10
CQ-254	3107 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	55	56	56	56	51	5
CQ-255	3019 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	58	59	59	59	52	7
CQ-256	3007 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	56	57	58	58	50	7
CQ-257	2600 Gum Rd, Row 1 Flr. 1	1	B	Res.	67	63	64	65	65	57	8
CQ-258	3017 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	57	58	58	58	51	6
CQ-259	3009 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	56	57	58	58	50	7
CQ-260	2726 Gum Rd, Row 1 Flr. 1	1	B	Res.	67	63	64	66	67	56	9
CQ-261	3013 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	56	57	57	57	51	6
CQ-262	3105 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	55	56	56	56	51	5
CQ-263	3015 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	56	57	58	58	51	6
CQ-264	2718 Gum Rd, Row 1 Flr. 1	1	B	Res.	67	64	65	67	67	57	9
CQ-265	3011 Big Bend Dr, Row 5 Flr. 1	1	B	Res.	67	56	57	58	58	51	6
CQ-266	2644 Gum Rd, Row 1 Flr. 1	1	B	Res.	67	62	63	65	65	56	9
CQ-267	2722 Gum Rd, Row 1 Flr. 1	1	B	Res.	67	63	64	66	66	56	9
CQ-268	4504 Winnie Dr, Row 2 Flr. 1	1	B	Res.	67	60	61	63	63	55	8
CQ-269	2632 Gum Rd, Row 1 Flr. 1	1	B	Res.	67	62	63	65	65	56	9
CQ-270	2628 Gum Rd, Row 1 Flr. 1	1	B	Res.	67	62	63	65	65	56	9
CQ-271	2630 Gum Rd, Row 1 Flr. 1	1	B	Res.	67	61	63	64	64	56	9
CQ-272	2624 Gum Rd, Row 1 Flr. 1	1	B	Res.	67	61	62	64	64	56	9
CQ-273	4501 Winnie Dr, Row 2 Flr. 1	1	B	Res.	67	61	62	64	64	56	8
CQ-274	Hunters Cove Park, 2913 Gum Rd, Row 5 Flr. 1	1	C	Rec.	67	59	60	61	61	53	7
CQ-275	2800 Gum Rd, Row 2 Flr. 1	1	B	Res.	67	61	62	63	63	54	8
CQ-276	4500 Winnie Dr, Row 2 Flr. 1	1	B	Res.	67	59	60	62	62	54	8
CQ-277	2744 Gum Rd, Row 2 Flr. 1	1	B	Res.	67	60	61	62	63	54	7
CQ-278	2620 Gum Rd, Row 1 Flr. 1	1	B	Res.	67	60	61	63	63	54	8
CQ-279	2740 Gum Rd, Row 2 Flr. 1	1	B	Res.	67	60	61	62	62	54	7
CQ-280	3108 Deepspring Dr, Row 1 Flr. 1	1	B	Res.	67	61	62	64	64	55	9
CQ-281	2736 Gum Rd, Row 2 Flr. 1	1	B	Res.	67	60	61	62	62	54	7
CQ-282	3109 Deepspring Dr, Row 2 Flr. 1	1	B	Res.	67	60	61	63	63	54	9
CQ-283	3108 Caymon Ct, Row 2 Flr. 1	1	B	Res.	67	59	60	63	63	54	9
CQ-284	2733 Gum Rd, Row 2 Flr. 1	1	B	Res.	67	59	60	61	62	53	7
CQ-285	2717 Gum Rd, Row 2 Flr. 1	1	B	Res.	67	59	60	62	62	53	8
CQ-286	3104 Deepspring Dr, Row 2 Flr. 1	1	B	Res.	67	59	60	62	62	53	9
CQ-287	2719 Deerfield Cres, Row 2 Flr. 1	1	B	Res.	67	58	59	61	61	54	7
CQ-288	3105 Deepspring Dr, Row 2 Flr. 1	1	B	Res.	67	57	58	60	61	52	8
CQ-289	3109 Caymon Ct, Row 2 Flr. 1	1	B	Res.	67	59	60	62	62	54	8
CQ-290	3104 Caymon Ct, Row 2 Flr. 1	1	B	Res.	67	57	58	60	60	52	8
CQ-291	2724 Deerfield Cres, Row 2 Flr. 1	1	B	Res.	67	58	59	61	62	54	8
CQ-292	620 Fife St, Row 1 Flr. 1	1	B	Res.	67	58	59	61	61	55	5

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CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
CQ-293	2715 Deerfield Cres, Row 2 Flr. 1	1	B	Res.	67	57	58	60	61	53	7
CQ-294	2710 River Oaks Dr, Row 3 Flr. 1	1	B	Res.	67	58	59	61	61	52	9
CQ-295	3105 Caymon Ct, Row 3 Flr. 1	1	B	Res.	67	57	58	61	61	53	8
CQ-296	616 Fife St, Row 1 Flr. 1	1	B	Res.	67	57	58	60	60	55	5
CR-001	5036 Marta Ln, Row 3 Flr. 1	1	B	Res.	67	56	58	58	58	NA	NA
CR-002	5040 Marta Ln, Row 3 Flr. 1	1	B	Res.	67	57	58	58	58	NA	NA
CR-003	5032 Marta Ln, Row 3 Flr. 1	1	B	Res.	67	56	57	58	58	NA	NA
CR-004	5118 Old Pughsville Rd, Row 3 Flr. 1	1	B	Res.	67	57	58	58	58	NA	NA
CR-005	5124 Winery Dr, Row 3 Flr. 1	1	B	Res.	67	57	58	58	58	NA	NA
CR-006	5116 Old Pughsville Rd, Row 3 Flr. 1	1	B	Res.	67	57	58	58	58	NA	NA
CR-007	5028 Marta Ln, Row 3 Flr. 1	1	B	Res.	67	56	58	58	58	NA	NA
CR-008	5120 Winery Dr, Row 2 Flr. 1	1	B	Res.	67	58	59	59	59	NA	NA
CR-009	5024 Marta Ln, Row 3 Flr. 1	1	B	Res.	67	57	58	58	58	NA	NA
CR-010	5117 Old Pughsville Rd, Row 3 Flr. 1	1	B	Res.	67	58	59	59	59	NA	NA
CR-011	5108 Old Pughsville Rd, Row 2 Flr. 1	1	B	Res.	67	58	59	59	59	NA	NA
CR-012	5113 Old Pughsville Rd, Row 2 Flr. 1	1	B	Res.	67	58	59	60	60	NA	NA
CR-013	5115 Old Pughsville Rd, Row 1 Flr. 1	1	B	Res.	67	59	60	60	60	NA	NA
CR-014	5029 Marta Ln, Row 2 Flr. 1	1	B	Res.	67	58	59	59	59	NA	NA
CR-015	5104 Old Pughsville Rd, Row 2 Flr. 1	1	B	Res.	67	58	59	60	60	NA	NA
CR-016	5025 Marta Ln, Row 2 Flr. 1	1	B	Res.	67	58	59	59	59	NA	NA
CR-017	5109 Old Pughsville Rd, Row 1 Flr. 1	1	B	Res.	67	59	60	61	61	NA	NA
CR-018	3040 Gum Ct, Row 2 Flr. 1	1	B	Res.	67	59	60	61	61	NA	NA
CR-019	5100 Old Pughsville Rd, Row 2 Flr. 1	1	B	Res.	67	58	59	60	60	NA	NA
CR-020	5021 Marta Ln, Row 2 Flr. 1	1	B	Res.	67	58	60	60	60	NA	NA
CR-021	5016 Marta Ln, Row 3 Flr. 1	1	B	Res.	67	57	58	59	59	NA	NA
CR-022	3218 Calisha Ct, Row 3 Flr. 1	1	B	Res.	67	60	61	62	62	NA	NA
CR-023	3216 Calisha Ct, Row 3 Flr. 1	1	B	Res.	67	58	60	60	60	NA	NA
CR-024	5008 Marta Ln, Row 3 Flr. 1	1	B	Res.	67	58	59	59	59	NA	NA
CR-025	5024 Old Pughsville Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	60	60	NA	NA
CR-026	5017 Marta Ln, Row 2 Flr. 1	1	B	Res.	67	59	60	61	61	NA	NA
CR-027	3036 Gum Ct, Row 1 Flr. 1	1	B	Res.	67	60	61	61	62	NA	NA
CR-028	3217 Calisha Ct, Row 2 Flr. 1	1	B	Res.	67	61	62	63	63	NA	NA
CR-029	5004 Marta Ln, Row 3 Flr. 1	1	B	Res.	67	58	60	60	60	NA	NA
CR-030	5013 Marta Ln, Row 2 Flr. 1	1	B	Res.	67	60	61	61	61	NA	NA
CR-031	5020 Old Pughsville Rd, Row 1 Flr. 1	1	B	Res.	67	58	59	60	60	NA	NA
CR-032	5009 Marta Ln, Row 2 Flr. 1	1	B	Res.	67	61	62	62	62	NA	NA
CR-033	5000 Marta Ln, Row 2 Flr. 1	1	B	Res.	67	59	61	61	61	NA	NA
CR-034	3215 Calisha Ct, Row 1 Flr. 1	1	B	Res.	67	61	63	63	63	NA	NA
CR-035	5016 Old Pughsville Rd, Row 1 Flr. 1	1	B	Res.	67	59	60	61	61	NA	NA
CR-036	5005 Marta Ln, Row 2 Flr. 1	1	B	Res.	67	61	62	62	63	NA	NA
CR-037	5012 Old Pughsville Rd, Row 1 Flr. 1	1	B	Res.	67	61	62	62	62	NA	NA
CR-038	3213 Calisha Ct, Row 1 Flr. 1	1	B	Res.	67	62	63	63	63	NA	NA
CR-039	5001 Marta Ln, Row 2 Flr. 1	1	B	Res.	67	61	62	62	62	NA	NA
CR-040	5008 Old Pughsville Rd, Row 1 Flr. 1	1	B	Res.	67	61	63	63	63	NA	NA

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CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
CR-041	3211 Calisha Ct, Row 1 Flr. 1	1	B	Res.	67	62	63	63	63	NA	NA
CR-042	5004 Old Pughsville Rd, Row 1 Flr. 1	1	B	Res.	67	62	63	64	64	NA	NA
CR-043	3209 Calisha Ct, Row 1 Flr. 1	1	B	Res.	67	63	64	64	64	NA	NA
CR-044	5000 Old Pughsville Rd, Row 1 Flr. 1	1	B	Res.	67	63	64	64	64	NA	NA
CR-045	4956 Old Pughsville Rd, Row 1 Flr. 1	1	B	Res.	67	63	64	65	65	NA	NA
CR-046	4952 Old Pughsville Rd, Row 1 Flr. 1	1	B	Res.	67	64	65	65	65	NA	NA
CS-001	5032 Pearl St, Row 5 Flr. 1	1	B	Res.	67	53	54	55	55	53	0
CS-002	5033 Pearl St, Row 5 Flr. 1	1	B	Res.	67	53	54	55	55	NA	NA
CS-003	5029 Pearl St, Row 4 Flr. 1	1	B	Res.	67	53	54	55	55	NA	NA
CS-004	5012 Clifton St, Row 3 Flr. 1	1	B	Res.	67	52	53	54	54	53	0
CS-005	5009 Clifton St, Row 4 Flr. 1	1	B	Res.	67	53	54	55	55	54	0
CS-006	5036 John St, Row 4 Flr. 1	1	B	Res.	67	54	55	56	56	NA	NA
CS-007	5024 Pearl St, Row 4 Flr. 1	1	B	Res.	67	53	54	55	55	54	0
CS-008	5037 John St, Row 4 Flr. 1	1	B	Res.	67	54	55	56	56	NA	NA
CS-009	5007 Clifton St, Row 3 Flr. 1	1	B	Res.	67	53	54	55	55	54	0
CS-010	5024 James St, Row 4 Flr. 1	1	B	Res.	67	55	56	56	56	NA	NA
CS-011	5032 John St, Row 3 Flr. 1	1	B	Res.	67	54	56	56	56	NA	NA
CS-012	5016 Pearl St, Row 3 Flr. 1	1	B	Res.	67	54	55	56	56	55	0
CS-013	5008 Clifton St, Row 2 Flr. 1	1	B	Res.	67	52	53	54	54	53	0
CS-014	5033 John St, Row 4 Flr. 1	1	B	Res.	67	54	56	56	56	NA	NA
CS-015	5021 Pearl St, Row 3 Flr. 1	1	B	Res.	67	55	56	56	56	NA	NA
CS-016	5005 Clifton St, Row 3 Flr. 1	1	B	Res.	67	53	54	54	55	53	0
CS-017	5020 James St, Row 3 Flr. 1	1	B	Res.	67	55	57	57	57	NA	NA
CS-018	5028 John St, Row 3 Flr. 1	1	B	Res.	67	55	56	57	57	NA	NA
CS-019	5014 Pearl St, Row 3 Flr. 1	1	B	Res.	67	53	55	55	55	54	0
CS-020	3201 Wise St, Row 3 Flr. 1	1	B	Res.	67	58	60	60	60	NA	NA
CS-021	James St, Row 3 Flr. 1	1	B	Res.	67	57	59	59	59	NA	NA
CS-022	5029 John St, Row 3 Flr. 1	1	B	Res.	67	55	56	57	57	NA	NA
CS-023	5017 Pearl St, Row 3 Flr. 1	1	B	Res.	67	55	57	57	57	NA	NA
CS-024	5003 Clifton St, Row 2 Flr. 1	1	B	Res.	67	53	54	55	55	54	0
CS-025	5041 Charlotte St, Row 3 Flr. 1	1	B	Res.	67	58	60	60	60	NA	NA
CS-026	5016 James St, Row 2 Flr. 1	1	B	Res.	67	56	57	58	58	NA	NA
CS-027	5000 Clifton St, Row 1 Flr. 1	1	B	Res.	67	52	53	54	54	53	0
CS-028	5017 James St, Row 2 Flr. 1	1	B	Res.	67	58	60	60	60	NA	NA
CS-029	5025 John St, Row 2 Flr. 1	1	B	Res.	67	55	56	57	57	NA	NA
CS-030	5013 Pearl St, Row 2 Flr. 1	1	B	Res.	67	54	55	56	56	NA	NA
CS-031	5001 Clifton St, Row 1 Flr. 1	1	B	Res.	67	52	54	54	55	54	0
CS-032	5024 John St, Row 2 Flr. 1	1	B	Res.	67	55	56	57	57	NA	NA
CS-033	5012 James St, Row 2 Flr. 1	1	B	Res.	67	57	58	59	59	NA	NA
CS-034	5008 Pearl St, Row 2 Flr. 1	1	B	Res.	67	53	55	55	55	54	0
CS-035	5013 James St, Row 1 Flr. 1	1	B	Res.	67	59	61	61	61	NA	NA
CS-036	5009 Pearl St, Row 2 Flr. 1	1	B	Res.	67	54	55	56	56	NA	NA
CS-037	5021 John St, Row 2 Flr. 1	1	B	Res.	67	55	57	57	57	NA	NA
CS-038	5008 James St, Row 1 Flr. 1	1	B	Res.	67	58	59	60	60	NA	NA

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CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
CS-039	5004 Pearl St, Row 1 Flr. 1	1	B	Res.	67	53	54	55	55	55	0
CS-040	5009 James St, Row 1 Flr. 1	1	B	Res.	67	61	63	63	63	NA	NA
CS-041	5001 Pearl St, Row 1 Flr. 1	1	B	Res.	67	54	55	56	56	NA	NA
CS-042	5013 John St, Row 1 Flr. 1	1	B	Res.	67	56	58	58	58	NA	NA
CS-043	5008 John St, Row 1 Flr. 1	1	B	Res.	67	55	56	57	57	NA	NA
CS-044	3108 Iron Clad Ct, Row 3 Flr. 1	1	B	Res.	67	53	54	55	55	54	1
CS-045	3110 Iron Clad Ct, Row 3 Flr. 1	1	B	Res.	67	53	54	55	55	54	1
CS-046	5009 John St, Row 1 Flr. 1	1	B	Res.	67	58	59	60	60	60	0
CS-047	3104 Iron Clad Ct, Row 3 Flr. 1	1	B	Res.	67	54	55	56	56	55	1
CS-048	3109 Iron Clad Ct, Row 3 Flr. 1	1	B	Res.	67	53	54	55	55	54	1
CS-049	4944 Clifton St, Row 2 Flr. 1	1	B	Res.	67	54	55	56	56	55	1
CS-050	4949 Clifton St, Row 1 Flr. 1	1	B	Res.	67	56	57	58	58	57	0
CS-051	3100 Iron Clad Ct, Row 2 Flr. 1	1	B	Res.	67	54	56	56	56	55	1
CS-052	4947 Clifton St, Row 1 Flr. 1	1	B	Res.	67	57	59	59	59	58	0
CS-053	3105 Iron Clad Ct, Row 3 Flr. 1	1	B	Res.	67	53	54	55	55	54	1
CS-054	4945 Clifton St, Row 1 Flr. 1	1	B	Res.	67	58	59	60	60	59	0
CS-055	4943 Clifton St, Row 1 Flr. 1	1	B	Res.	67	58	60	60	60	59	0
CS-056	3101 Iron Clad Ct, Row 2 Flr. 1	1	B	Res.	67	55	56	57	57	55	1
CS-057	4941 Clifton St, Row 1 Flr. 1	1	B	Res.	67	58	60	60	60	59	0
CS-058	4939 Clifton St, Row 1 Flr. 1	1	B	Res.	67	58	60	61	61	60	0
CS-059	4936 Clifton St, Row 2 Flr. 1	1	B	Res.	67	55	56	57	57	56	1
CS-060	4937 Clifton St, Row 1 Flr. 1	1	B	Res.	67	59	60	61	61	60	0
CS-061	4934 Clifton St, Row 2 Flr. 1	1	B	Res.	67	55	56	57	57	56	2
CS-062	4935 Clifton St, Row 1 Flr. 1	1	B	Res.	67	60	61	62	62	61	1
CS-063	4932 Clifton St, Row 2 Flr. 1	1	B	Res.	67	55	57	57	57	55	2
CS-064	4933 Clifton St, Row 1 Flr. 1	1	B	Res.	67	60	61	62	62	61	1
CS-065	3108 Monitor Ct, Row 3 Flr. 1	1	B	Res.	67	54	55	56	56	53	4
CS-066	3110 Monitor Ct, Row 3 Flr. 1	1	B	Res.	67	54	55	56	56	52	4
CS-067	3104 Monitor Ct, Row 3 Flr. 1	1	B	Res.	67	55	56	57	57	53	4
CS-068	4931 Clifton St, Row 1 Flr. 1	1	B	Res.	67	61	62	63	63	62	1
CS-069	3100 Monitor Ct, Row 2 Flr. 1	1	B	Res.	67	56	57	58	58	55	4
CS-070	3109 Monitor Ct, Row 3 Flr. 1	1	B	Res.	67	55	56	57	57	53	5
CS-071	4929 Clifton St, Row 1 Flr. 1	1	B	Res.	67	62	63	64	64	62	2
CS-072	4927 Clifton St, Row 1 Flr. 1	1	B	Res.	67	63	64	65	65	60	6
CS-073	3105 Monitor Ct, Row 3 Flr. 1	1	B	Res.	67	57	58	59	59	54	5
CS-074	3108 Merrimac Ct, Row 3 Flr. 1	1	B	Res.	67	55	57	58	58	53	5
CS-075	3116 Merrimac Ct, Row 3 Flr. 1	1	B	Res.	67	55	56	58	58	54	4
CS-076	3112 Merrimac Ct, Row 3 Flr. 1	1	B	Res.	67	55	56	58	58	54	4
CS-077	3101 Monitor Ct, Row 2 Flr. 1	1	B	Res.	67	58	59	60	60	54	7
CS-078	4925 Clifton St, Row 1 Flr. 1	1	B	Res.	67	63	64	65	65	57	9
CS-079	3104 Merrimac Ct, Row 3 Flr. 1	1	B	Res.	67	56	58	59	59	54	6
CS-080	3117 Merrimac Ct, Row 3 Flr. 1	1	B	Res.	67	55	56	58	58	54	4
CS-081	3100 Merrimac Ct, Row 2 Flr. 1	1	B	Res.	67	58	59	61	61	55	6
CS-082	4923 Clifton St, Row 1 Flr. 1	1	B	Res.	67	63	65	66	66	56	10

Table C-5: Predicted Noise Levels for I-664 in Chesapeake

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
CS-083	4921 Clifton St, Row 1 Flr. 1	1	B	Res.	67	64	66	67	67	56	11
CS-084	3113 Merrimac Ct, Row 3 Flr. 1	1	B	Res.	67	57	58	61	61	57	4
CS-085	3109 Merrimac Ct, Row 3 Flr. 1	1	B	Res.	67	57	58	61	61	57	4
CS-086	3105 Merrimac Ct, Row 3 Flr. 1	1	B	Res.	67	57	58	61	61	55	6
CS-087	4919 Clifton St, Row 1 Flr. 1	1	B	Res.	67	65	66	68	68	57	11
CS-088	3101 Merrimac Ct, Row 2 Flr. 1	1	B	Res.	67	60	61	63	63	55	8
CS-089	4917 Clifton St, Row 1 Flr. 1	1	B	Res.	67	65	66	69	69	58	11
CS-090	4915 Clifton St, Row 1 Flr. 1	1	B	Res.	67	66	67	71	71	59	12
CS-091	4908 Clifton St, Row 2 Flr. 1	1	B	Res.	67	60	61	65	65	57	8
CS-092	4912 Clifton St, Row 2 Flr. 1	1	B	Res.	67	61	62	65	65	57	8
CS-093	4904 Clifton St, Row 2 Flr. 1	1	B	Res.	67	60	61	65	65	58	7
CS-094	4911 Clifton St, Row 1 Flr. 1	1	B	Res.	67	68	69	72	72	59	13
CS-095	4900 Clifton St, Row 1 Flr. 1	1	B	Res.	67	63	63	68	68	61	7
CS-096	4909 Clifton St, Row 1 Flr. 1	1	B	Res.	67	70	71	73	73	61	13
CS-097	4907 Clifton St, Row 1 Flr. 1	1	B	Res.	67	71	72	74	74	61	13
CS-098	4903 Clifton St, Row 1 Flr. 1	1	B	Res.	67	69	70	73	73	62	10
CS-099	4905 Clifton St, Row 1 Flr. 1	1	B	Res.	67	71	72	74	75	62	13
CT-001	Cemetery, 5000 Pughsville Rd, Row 1 Flr. 1	1	C	Rec.	67	66	67	66	66	59	6
CT-002	Cemetery, 5000 Pughsville Rd, Row 1 Flr. 1	1	C	Rec.	67	65	66	66	66	59	6
CT-003	Cemetery, 5000 Pughsville Rd, Row 1 Flr. 1	1	C	Rec.	67	66	67	67	67	58	8
CT-004	Cemetery, 5000 Pughsville Rd, Row 1 Flr. 1	1	C	Rec.	67	65	66	66	66	59	7
CT-005	4824 Station House Rd, Row 1 Flr. 1	1	B	Res.	67	59	60	60	60	55	5
CT-006	4820 Station House Rd, Row 1 Flr. 1	1	B	Res.	67	59	60	61	61	55	5
CT-007	4808 Station House Rd, Row 2 Flr. 1	1	B	Res.	67	59	60	60	60	57	4
CT-008	4800 Station House Rd, Row 2 Flr. 1	1	B	Res.	67	60	61	62	62	59	3
CU-001	3512 Chipada Ct, Row 1 Flr. 1	1	B	Res.	67	69	70	72	72	58	13
CU-002	3514 Chipada Ct, Row 1 Flr. 1	1	B	Res.	67	68	69	71	71	58	12
CU-003	3518 Chipada Ct, Row 1 Flr. 1	1	B	Res.	67	67	68	69	69	58	12
CU-004	3510 Chipada Ct, Row 1 Flr. 1	1	B	Res.	67	69	70	72	72	59	11
CU-005	3522 Chipada Ct, Row 1 Flr. 1	1	B	Res.	67	66	67	68	68	57	11
CU-006	3524 Chipada Ct, Row 1 Flr. 1	1	B	Res.	67	64	65	65	66	57	9
CU-007	3508 Chipada Ct, Row 1 Flr. 1	1	B	Res.	67	68	68	70	70	58	11
CU-008	3668 Mardean Dr, Row 1 Flr. 1	1	B	Res.	67	70	71	73	73	61	12
CU-009	3664 Mardean Dr, Row 1 Flr. 1	1	B	Res.	67	70	71	73	73	61	12
CU-010	3660 Mardean Dr, Row 1 Flr. 1	1	B	Res.	67	69	70	73	73	60	12
CU-011	3656 Mardean Dr, Row 1 Flr. 1	1	B	Res.	67	69	70	72	72	59	11
CU-012	3513 Chipada Ct, Row 2 Flr. 1	1	B	Res.	67	61	62	63	63	55	9
CU-013	3509 Chipada Ct, Row 2 Flr. 1	1	B	Res.	67	61	62	64	64	55	8
CU-014	3670 Mardean Dr, Row 1 Flr. 1	1	B	Res.	67	69	70	72	72	64	8
CU-015	3504 Chipada Ct, Row 1 Flr. 1	1	B	Res.	67	65	66	68	68	57	10
CU-016	3517 Chipada Ct, Row 2 Flr. 1	1	B	Res.	67	60	61	62	62	54	8
CU-017	3640 Mardean Dr, Row 1 Flr. 1	1	B	Res.	67	66	67	69	69	58	9
CU-018	3521 Chipada Ct, Row 2 Flr. 1	1	B	Res.	67	59	60	61	61	54	7
CU-019	3525 Chipada Ct, Row 1 Flr. 1	1	B	Res.	67	60	61	62	62	57	4

Table C-5: Predicted Noise Levels for I-664 in Chesapeake

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
CU-020	3505 Chipada Ct, Row 2 Flr. 1	1	B	Res.	67	60	61	62	62	54	8
CU-021	3636 Mardean Dr, Row 1 Flr. 1	1	B	Res.	67	65	66	68	68	57	10
CU-022	3632 Mardean Dr, Row 1 Flr. 1	1	B	Res.	67	64	65	67	67	57	10
CU-023	3663 Mardean Dr, Row 2 Flr. 1	1	B	Res.	67	63	64	65	65	57	8
CU-024	3671 Mardean Dr, Row 1 Flr. 1	1	B	Res.	67	65	66	68	68	62	6
CU-025	3624 Mardean Dr, Row 1 Flr. 1	1	B	Res.	67	62	63	65	65	55	8
CU-026	3628 Mardean Dr, Row 1 Flr. 1	1	B	Res.	67	63	64	66	66	56	9
CU-027	3659 Mardean Dr, Row 2 Flr. 1	1	B	Res.	67	63	64	65	65	57	7
CU-028	3655 Mardean Dr, Row 2 Flr. 1	1	B	Res.	67	64	65	67	67	58	8
CU-029	3651 Mardean Dr, Row 2 Flr. 1	1	B	Res.	67	64	65	67	67	58	8
CU-030	3667 Mardean Dr, Row 2 Flr. 1	1	B	Res.	67	62	63	64	64	60	4
CU-031	3616 Mardean Dr, Row 3 Flr. 1	1	B	Res.	67	57	58	59	59	52	7
CU-032	3612 Mardean Dr, Row 3 Flr. 1	1	B	Res.	67	56	57	59	59	52	7
CU-033	3647 Mardean Dr, Row 2 Flr. 1	1	B	Res.	67	63	64	66	66	57	7
CU-034	3643 Mardean Dr, Row 2 Flr. 1	1	B	Res.	67	62	63	64	64	56	8
CU-035	3524 Mardean Dr, Row 1 Flr. 1	1	B	Res.	67	58	59	60	60	57	3
CU-036	3608 Mardean Dr, Row 3 Flr. 1	1	B	Res.	67	56	57	59	59	52	6
CU-037	3520 Mardean Dr, Row 1 Flr. 1	1	B	Res.	67	58	59	60	60	59	2
CU-038	3516 Mardean Dr, Row 1 Flr. 1	1	B	Res.	67	58	59	60	60	59	1
CU-039	3508 Mardean Dr, Row 1 Flr. 1	1	B	Res.	67	59	60	60	60	60	1
CU-040	3600 Mardean Dr, Row 2 Flr. 1	1	B	Res.	67	57	58	59	59	55	4
CU-041	3504 Mardean Dr, Row 1 Flr. 1	1	B	Res.	67	60	61	62	62	61	1
CU-042	3512 Mardean Dr, Row 1 Flr. 1	1	B	Res.	67	58	59	60	60	59	1
CU-043	3639 Mardean Dr, Row 2 Flr. 1	1	B	Res.	67	60	61	62	62	55	7
CU-044	3604 Mardean Dr, Row 3 Flr. 1	1	B	Res.	67	56	57	59	59	54	5
CU-045	3635 Mardean Dr, Row 2 Flr. 1	1	B	Res.	67	59	60	61	61	54	7
CU-046	3631 Mardean Dr, Row 2 Flr. 1	1	B	Res.	67	58	59	61	61	54	6
CU-047	3627 Mardean Dr, Row 2 Flr. 1	1	B	Res.	67	58	59	61	61	54	7
CU-048	3312 Lynnhurst Blvd, Row 3 Flr. 1	1	B	Res.	67	59	60	62	62	58	4
CU-049	3623 Mardean Dr, Row 2 Flr. 1	1	B	Res.	67	58	59	60	60	54	6
CU-050	3308 Lynnhurst Blvd, Row 3 Flr. 1	1	B	Res.	67	59	60	62	62	57	5
CU-051	3316 Lynnhurst Blvd, Row 2 Flr. 1	1	B	Res.	67	60	61	62	63	59	4
CU-052	3619 Mardean Dr, Row 3 Flr. 1	1	B	Res.	67	57	58	59	60	53	6
CU-053	3320 Lynnhurst Blvd, Row 2 Flr. 1	1	B	Res.	67	60	61	63	63	60	3
CU-054	3500 Mardean Dr, Row 1 Flr. 1	1	B	Res.	67	61	62	63	63	63	0
CU-055	3304 Lynnhurst Blvd, Row 3 Flr. 1	1	B	Res.	67	59	60	62	62	56	5
CU-056	3615 Mardean Dr, Row 3 Flr. 1	1	B	Res.	67	56	57	58	58	53	5
CU-057	3611 Mardean Dr, Row 3 Flr. 1	1	B	Res.	67	55	56	57	57	53	5
CU-058	3300 Lynnhurst Blvd, Row 3 Flr. 1	1	B	Res.	67	59	60	62	62	55	6
CU-059	3232 Lynnhurst Blvd, Row 3 Flr. 1	1	B	Res.	67	59	59	61	61	54	6
CU-060	3324 Lynnhurst Blvd, Row 1 Flr. 1	1	B	Res.	67	60	61	63	63	60	3
CU-061	3607 Mardean Dr, Row 3 Flr. 1	1	B	Res.	67	55	56	57	57	53	4
CU-062	3230 Lynnhurst Blvd, Row 3 Flr. 1	1	B	Res.	67	57	58	60	60	53	6
CU-063	3603 Mardean Dr, Row 3 Flr. 1	1	B	Res.	67	55	56	57	57	54	3

Table C-5: Predicted Noise Levels for I-664 in Chesapeake

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
CU-064	3328 Lynnhurst Blvd, Row 1 Flr. 1	1	B	Res.	67	60	61	63	63	60	2
CU-065	3228 Lynnhurst Blvd, Row 3 Flr. 1	1	B	Res.	67	57	58	59	59	53	6
CU-066	3601 Mardean Dr, Row 2 Flr. 1	1	B	Res.	67	55	56	56	56	54	2
CU-067	3501 Mardean Dr, Row 2 Flr. 1	1	B	Res.	67	59	60	61	61	61	0
CU-068	3226 Lynnhurst Blvd, Row 3 Flr. 1	1	B	Res.	67	56	57	58	58	52	6
CU-069	3523 Mardean Dr, Row 2 Flr. 1	1	B	Res.	67	55	56	57	57	56	1
CU-070	3521 Mardean Dr, Row 2 Flr. 1	1	B	Res.	67	55	56	57	57	56	1
CU-071	3519 Mardean Dr, Row 2 Flr. 1	1	B	Res.	67	55	56	57	57	56	1
CU-072	3517 Mardean Dr, Row 2 Flr. 1	1	B	Res.	67	56	57	58	58	57	1
CU-073	3332 Lynnhurst Blvd, Row 1 Flr. 1	1	B	Res.	67	60	61	63	63	60	2
CU-074	3509 Mardean Dr, Row 2 Flr. 1	1	B	Res.	67	57	58	59	59	58	1
CU-075	3224 Lynnhurst Blvd, Row 3 Flr. 1	1	B	Res.	67	55	56	58	58	52	5
CU-076	3222 Lynnhurst Blvd, Row 3 Flr. 1	1	B	Res.	67	55	56	57	57	52	5
CU-077	3505 Mardean Dr, Row 2 Flr. 1	1	B	Res.	67	58	59	60	60	60	0
CU-078	3336 Lynnhurst Blvd, Row 1 Flr. 1	1	B	Res.	67	60	61	62	62	61	2
CU-079	3313 Lynnhurst Blvd, Row 3 Flr. 1	1	B	Res.	67	56	56	58	58	54	3
CU-080	3220 Lynnhurst Blvd, Row 3 Flr. 1	1	B	Res.	67	54	55	57	57	51	5
CU-081	3309 Lynnhurst Blvd, Row 3 Flr. 1	1	B	Res.	67	56	57	58	58	54	4
CU-082	3340 Lynnhurst Blvd, Row 1 Flr. 1	1	B	Res.	67	59	60	62	62	60	1
CU-083	3305 Lynnhurst Blvd, Row 3 Flr. 1	1	B	Res.	67	56	57	58	58	54	4
CU-084	3319 Lynnhurst Blvd, Row 3 Flr. 1	1	B	Res.	67	56	57	58	58	55	3
CU-085	3600 Gretna Ct, Row 4 Flr. 1	1	B	Res.	67	54	55	56	56	51	4
CU-086	3301 Lynnhurst Blvd, Row 3 Flr. 1	1	B	Res.	67	56	57	58	58	53	4
CU-087	3325 Lynnhurst Blvd, Row 2 Flr. 1	1	B	Res.	67	56	57	58	58	55	3
CU-088	3216 Lynnhurst Blvd, Row 4 Flr. 1	1	B	Res.	67	54	55	56	56	51	5
CU-089	3344 Lynnhurst Blvd, Row 1 Flr. 1	1	B	Res.	67	59	60	61	61	60	1
CU-090	3233 Lynnhurst Blvd, Row 4 Flr. 1	1	B	Res.	67	55	56	57	57	53	4
CU-091	3329 Lynnhurst Blvd, Row 2 Flr. 1	1	B	Res.	67	56	56	58	58	55	2
CU-092	3512 Rochelle Ct, Row 4 Flr. 1	1	B	Res.	67	54	55	56	56	52	4
CU-093	3333 Lynnhurst Blvd, Row 2 Flr. 1	1	B	Res.	67	55	56	57	57	55	2
CU-094	3348 Lynnhurst Blvd, Row 1 Flr. 1	1	B	Res.	67	58	59	60	60	59	1
CU-095	3225 Lynnhurst Blvd, Row 4 Flr. 1	1	B	Res.	67	53	54	55	55	51	3
CU-096	3337 Lynnhurst Blvd, Row 2 Flr. 1	1	B	Res.	67	55	56	57	57	55	2
CU-097	3528 Annandale Dr, Row 4 Flr. 1	1	B	Res.	67	53	54	55	55	51	4
CU-098	3221 Lynnhurst Blvd, Row 4 Flr. 1	1	B	Res.	67	52	53	54	55	50	4
CU-099	3504 Sun Jack Ct, Row 4 Flr. 1	1	B	Res.	67	53	54	55	55	52	3
CU-100	3505 Sun Jack Ct, Row 4 Flr. 1	1	B	Res.	67	53	53	54	55	51	3
CU-101	3341 Lynnhurst Blvd, Row 2 Flr. 1	1	B	Res.	67	55	56	57	57	55	2
CU-102	3352 Lynnhurst Blvd, Row 1 Flr. 1	1	B	Res.	67	57	58	60	60	59	1
CU-103	3500 Sun Jack Ct, Row 3 Flr. 1	1	B	Res.	67	53	54	54	55	52	2
CU-104	3509 Rochelle Ct, Row 4 Flr. 1	1	B	Res.	67	52	53	53	54	48	5
CU-105	3356 Lynnhurst Blvd, Row 1 Flr. 1	1	B	Res.	67	57	58	59	59	58	1
CU-106	3347 Lynnhurst Blvd, Row 2 Flr. 1	1	B	Res.	67	55	56	57	57	55	2
CU-107	3614 Elkton Dr, Row 3 Flr. 1	1	B	Res.	67	52	53	54	54	52	2

Table C-5: Predicted Noise Levels for I-664 in Chesapeake

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		IL
									No-Barrier	With-Barrier	
CU-108	3616 Elkton Dr, Row 3 Flr. 1	1	B	Res.	67	52	53	54	54	52	2
CU-109	3351 Lynnhurst Blvd, Row 2 Flr. 1	1	B	Res.	67	54	55	56	56	55	2
CU-110	3360 Lynnhurst Blvd, Row 1 Flr. 1	1	B	Res.	67	56	57	58	58	57	1
CU-111	3620 Elkton Dr, Row 3 Flr. 2	1	B	Res.	67	52	53	54	54	52	2
CU-112	3355 Lynnhurst Blvd, Row 2 Flr. 1	1	B	Res.	67	54	55	56	56	54	2
CU-113	3364 Lynnhurst Blvd, Row 1 Flr. 1	1	B	Res.	67	55	56	57	57	57	1
CU-114	3624 Elkton Dr, Row 3 Flr. 2	1	B	Res.	67	52	53	54	54	52	2

* Cat. Refers to FHWA Activity Category. Res.= Residential, Rec.= Recreational, Mon.= Noise Monitoring Site, Com.= Commercial, Int.=Interior Institutional

** Red numbers indicate noise impact due to NAC or Substantial Increase in existing noise levels. Some subtractions may appear to be incorrect due to rounding of decibels. NA or 0 indicates receptors not behind barriers, or set back and not impacted where benefits were not determined.

Source: HMMH, 2016

Table C-6: Predicted Noise Levels for I-664 in Suffolk

CNE Site No.	Address	Recp. Units	Cat.	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. B No-Barrier	Alt. C No-Barrier	Alternative D		
										No-Barrier	With-Barrier	IL
CV-001	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 1	1	B	Res.	67	54	54	55	54	55	55	0
CV-002	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 2	1	B	Res.	67	58	58	59	58	59	59	0
CV-003	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 3	1	B	Res.	67	59	59	60	59	60	60	0
CV-004	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 1	1	B	Res.	67	54	54	55	54	55	55	0
CV-005	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 2	1	B	Res.	67	58	58	59	58	59	59	0
CV-006	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 3	1	B	Res.	67	59	59	60	59	60	60	0
CV-007	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 1	1	B	Res.	67	56	56	57	56	57	57	0
CV-008	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 2	1	B	Res.	67	60	60	61	60	61	61	0
CV-009	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 3	1	B	Res.	67	60	61	61	61	62	61	1
CV-010	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 1	1	B	Res.	67	56	57	57	57	58	57	1
CV-011	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 2	1	B	Res.	67	60	61	61	61	62	61	1
CV-012	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 3	1	B	Res.	67	61	62	62	62	63	62	1
CV-013	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 1	1	B	Res.	67	53	55	54	55	55	51	4
CV-014	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 2	1	B	Res.	67	56	58	57	59	59	54	5
CV-015	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 3	1	B	Res.	67	59	60	59	61	61	55	6
CV-016	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 1	1	B	Res.	67	54	55	54	55	55	52	4
CV-017	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 2	1	B	Res.	67	57	58	57	59	59	54	5
CV-018	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 3	1	B	Res.	67	59	60	60	61	61	56	6
CV-019	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 1	1	B	Res.	67	56	57	56	57	57	55	3
CV-020	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 2	1	B	Res.	67	59	60	60	61	61	58	4
CV-021	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 3	1	B	Res.	67	61	62	61	62	63	59	4
CV-022	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 1	1	B	Res.	67	57	57	57	58	58	56	2
CV-023	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 2	1	B	Res.	67	60	61	61	62	62	59	3
CV-024	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 3	1	B	Res.	67	62	62	62	63	64	60	3
CV-025	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 1	1	B	Res.	67	54	55	55	56	56	52	4
CV-026	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 2	1	B	Res.	67	58	59	59	60	60	55	6
CV-027	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 3	1	B	Res.	67	59	61	60	61	62	56	5
CV-028	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 1	1	B	Res.	67	55	56	55	56	56	52	4
CV-029	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 2	1	B	Res.	67	58	59	59	60	60	55	6
CV-030	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 3	1	B	Res.	67	60	61	60	62	62	57	5
CV-031	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 1	1	B	Res.	67	54	55	55	55	55	52	4
CV-032	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 2	1	B	Res.	67	57	58	58	60	60	54	6
CV-033	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 3	1	B	Res.	67	59	60	60	61	61	56	6
CV-034	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 1	1	B	Res.	67	54	55	55	55	55	53	2
CV-035	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 2	1	B	Res.	67	57	58	58	58	59	56	3
CV-036	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 3	1	B	Res.	67	59	60	60	60	61	58	3
CV-037	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 1	1	B	Res.	67	54	55	55	55	56	52	4
CV-038	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 2	1	B	Res.	67	58	59	58	60	60	54	6
CV-039	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 3	1	B	Res.	67	59	60	60	61	62	56	6
CV-040	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 1	1	B	Res.	67	59	60	59	60	60	55	6
CV-041	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 2	1	B	Res.	67	62	63	63	64	65	57	7
CV-042	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 3	1	B	Res.	67	64	65	65	66	66	59	8
CV-043	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 1	1	B	Res.	67	53	54	54	54	55	53	2
CV-044	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 2	1	B	Res.	67	57	57	58	58	58	56	2
CV-045	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 3	1	B	Res.	67	58	59	59	59	60	57	2
CV-046	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 1	1	B	Res.	67	58	60	59	60	60	55	6

Table C-6: Predicted Noise Levels for I-664 in Suffolk

CNE Site No.	Address	Recp. Units	Cat.	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. B No-Barrier	Alt. C No-Barrier	Alternative D		
										No-Barrier	With-Barrier	IL
CV-047	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 2	1	B	Res.	67	62	63	63	64	64	57	8
CV-048	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 3	1	B	Res.	67	64	65	65	66	66	58	8
CV-049	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 1	1	B	Res.	67	55	56	56	56	57	53	4
CV-050	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 2	1	B	Res.	67	59	60	59	60	61	56	5
CV-051	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 3	1	B	Res.	67	60	61	61	62	62	58	5
CV-052	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 1	1	B	Res.	67	55	56	55	56	56	53	4
CV-053	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 2	1	B	Res.	67	59	60	59	60	61	56	5
CV-054	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 3	1	B	Res.	67	60	61	61	62	62	58	5
CV-055	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 1	1	B	Res.	67	55	56	55	56	56	52	4
CV-056	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 2	1	B	Res.	67	58	59	59	60	61	55	6
CV-057	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 3	1	B	Res.	67	60	61	61	62	62	56	6
CV-058	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 1	1	B	Res.	67	51	52	52	51	52	51	1
CV-059	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 2	1	B	Res.	67	54	54	55	55	55	54	1
CV-060	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 3	1	B	Res.	67	55	56	56	56	57	56	1
CV-061	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 1	1	B	Res.	67	55	56	56	56	56	52	4
CV-062	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 2	1	B	Res.	67	59	60	59	61	61	55	6
CV-063	Belleville Harbour Apts, 6000 Belleharbour CI Row 2 Flr. 3	1	B	Res.	67	60	62	61	62	63	57	6
CV-064	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 1	1	B	Res.	67	59	60	59	60	60	54	6
CV-065	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 2	1	B	Res.	67	62	63	63	64	64	56	8
CV-066	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 3	1	B	Res.	67	64	65	65	66	66	58	9
CV-067	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 1	1	B	Res.	67	50	51	51	51	51	50	1
CV-068	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 2	1	B	Res.	67	53	54	54	54	54	53	1
CV-069	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 3	1	B	Res.	67	54	55	55	55	56	55	1
CV-070	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 1	1	B	Res.	67	59	60	59	60	60	55	6
CV-071	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 2	1	B	Res.	67	63	64	63	64	65	57	8
CV-072	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 3	1	B	Res.	67	64	66	65	66	66	58	8
CV-073	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 1	1	B	Res.	67	50	51	51	52	52	48	4
CV-074	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 2	1	B	Res.	67	52	53	53	54	54	51	4
CV-075	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 3	1	B	Res.	67	55	56	55	56	56	52	4
CV-076	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 1	1	B	Res.	67	50	51	51	52	52	48	4
CV-077	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 2	1	B	Res.	67	52	53	53	54	54	51	3
CV-078	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 3	1	B	Res.	67	54	55	55	56	56	52	4
CV-079	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 1	1	B	Res.	67	50	51	51	52	52	49	4
CV-080	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 2	1	B	Res.	67	53	54	54	54	55	51	4
CV-081	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 3	1	B	Res.	67	55	56	55	56	57	53	4
CV-082	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 1	1	B	Res.	67	50	51	51	52	52	49	4
CV-083	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 2	1	B	Res.	67	53	54	54	54	55	51	3
CV-084	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 3	1	B	Res.	67	54	55	55	56	56	53	4
CV-085	5648 Plummer Bl Row 2 Flr. 1	1	B	Res.	67	56	58	57	57	57	54	3
CV-086	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 1	1	B	Res.	67	56	58	57	57	57	54	4
CV-087	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 2	1	B	Res.	67	60	62	61	63	63	57	6
CV-088	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 3	1	B	Res.	67	62	63	63	64	64	59	5
CV-089	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 1	1	B	Res.	67	49	50	50	50	51	49	2
CV-090	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 2	1	B	Res.	67	52	53	53	53	54	52	2
CV-091	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 3	1	B	Res.	67	54	55	55	55	55	54	2
CV-095	5649 Person St Row 2 Flr. 1	1	B	Res.	67	56	57	57	57	57	55	3

Table C-6: Predicted Noise Levels for I-664 in Suffolk

CNE Site No.	Address	Recp. Units	Cat.	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. B No-Barrier	Alt. C No-Barrier	Alternative D		
										No-Barrier	With-Barrier	IL
CV-096	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 1	1	B	Res.	67	50	50	50	50	51	49	2
CV-097	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 2	1	B	Res.	67	52	53	53	53	54	52	2
CV-098	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 3	1	B	Res.	67	54	55	55	55	56	54	2
CV-102	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 1	1	B	Res.	67	57	58	57	58	58	54	4
CV-103	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 2	1	B	Res.	67	61	62	61	63	63	57	6
CV-104	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 3	1	B	Res.	67	62	64	63	64	64	59	5
CV-105	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 1	1	B	Res.	67	52	53	52	53	53	52	2
CV-106	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 2	1	B	Res.	67	56	57	56	57	57	55	2
CV-107	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 3	1	B	Res.	67	58	59	58	59	59	58	1
CV-108	5648 Person St Row 2 Flr. 1	1	B	Res.	67	56	57	56	57	57	57	0
CV-109	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 1	1	B	Res.	67	53	54	54	54	54	52	3
CV-110	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 2	1	B	Res.	67	57	58	58	59	59	56	3
CV-111	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 3	1	B	Res.	67	59	60	60	61	61	58	3
CV-112	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 1	1	B	Res.	67	57	59	58	58	58	54	4
CV-113	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 2	1	B	Res.	67	61	62	62	64	64	58	6
CV-114	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 3	1	B	Res.	67	63	64	64	65	65	60	5
CV-115	5644 Frank St Row 2 Flr. 1	1	B	Res.	67	55	56	55	56	56	55	1
CV-116	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 1	1	B	Res.	67	58	59	58	59	59	54	4
CV-117	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 2	1	B	Res.	67	62	63	62	64	64	58	6
CV-118	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 3	1	B	Res.	67	63	65	64	65	65	60	5
CV-119	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 1	1	B	Res.	67	59	60	59	60	60	54	6
CV-120	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 2	1	B	Res.	67	63	64	63	65	65	57	8
CV-121	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 3	1	B	Res.	67	65	66	65	66	66	59	7
CV-125	5649 Frank St Row 2 Flr. 1	1	B	Res.	67	56	57	57	57	57	55	2
CV-126	5652 Plummer Bl Row 1 Flr. 1	1	B	Res.	67	57	58	57	58	58	55	3
CV-127	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 1	1	B	Res.	67	58	60	59	60	60	54	6
CV-128	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 2	1	B	Res.	67	63	64	63	64	65	57	8
CV-129	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 3	1	B	Res.	67	64	66	65	66	66	59	7
CV-133	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 1	1	B	Res.	67	58	59	59	59	59	54	6
CV-134	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 2	1	B	Res.	67	62	64	63	64	64	57	8
CV-135	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 3	1	B	Res.	67	64	66	65	66	66	59	7
CV-136	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 1	1	B	Res.	67	58	59	59	59	60	54	6
CV-137	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 2	1	B	Res.	67	62	64	63	64	64	57	7
CV-138	Belleville Harbour Apts, 6000 Belleharbour CI Row 1 Flr. 3	1	B	Res.	67	64	66	65	66	66	59	7
CV-139	5645 Nathaniel St Row 2 Flr. 1	1	B	Res.	67	56	57	56	57	57	56	1
CV-140	5653 Person St Row 1 Flr. 1	1	B	Res.	67	57	58	57	58	58	55	3
CV-141	5648 Frank St Row 2 Flr. 1	1	B	Res.	67	55	56	55	57	57	56	1
CV-142	5644 Nathaniel St Row 1 Flr. 1	1	B	Res.	67	56	57	56	57	57	56	1
CV-143	5652 Person St Row 1 Flr. 1	1	B	Res.	67	58	59	58	59	59	56	2
CV-144	5658 Person St Row 1 Flr. 1	1	B	Res.	67	58	59	58	59	59	56	3
CV-145	5649 Nathaniel St Row 2 Flr. 1	1	B	Res.	67	56	57	57	58	58	57	1
CV-146	5653 Frank St Row 1 Flr. 1	1	B	Res.	67	58	59	58	59	59	57	2
CV-147	5648 Nathaniel St Row 1 Flr. 1	1	B	Res.	67	57	58	57	58	58	57	1
CV-148	5652 Frank St Row 1 Flr. 1	1	B	Res.	67	58	59	58	59	59	58	2
CV-149	5658 Frank St Row 1 Flr. 1	1	B	Res.	67	58	60	59	60	60	58	2
CV-150	5653 Nathaniel St Row 1 Flr. 1	1	B	Res.	67	58	59	58	60	60	58	2

Table C-6: Predicted Noise Levels for I-664 in Suffolk

CNE Site No.	Address	Recp. Units	Cat.	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. B No-Barrier	Alt. C No-Barrier	Alternative D		
										No-Barrier	With-Barrier	IL
CV-151	5652 Nathaniel St Row 1 Flr. 1	1	B	Res.	67	59	60	59	60	60	59	1
CV-152	5658 Nathaniel St Row 1 Flr. 1	1	B	Res.	67	59	60	59	60	60	59	2
CV-153	Belleville Harbour Apartments Pool, 6000 Belleharbour Cl Row 1	1	C	Rec.	67	55	56	56	57	57	55	3
CW-001	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 1	1	B	Res.	67	49	50	46	50	50	44	3
CW-002	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 2	1	B	Res.	67	51	52	48	52	53	46	4
CW-003	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 3	1	B	Res.	67	52	53	50	54	55	47	4
CW-004	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 4	1	B	Res.	67	54	55	53	56	57	50	4
CW-005	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 1	1	B	Res.	67	49	50	47	50	51	44	3
CW-006	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 2	1	B	Res.	67	51	52	49	53	54	46	5
CW-007	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 3	1	B	Res.	67	53	54	51	55	55	47	5
CW-008	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 4	1	B	Res.	67	55	56	54	57	57	50	5
CW-009	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 1	1	B	Res.	67	59	60	60	60	63	57	5
CW-010	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 2	1	B	Res.	67	64	65	65	65	68	60	7
CW-011	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 3	1	B	Res.	67	65	65	66	66	68	61	7
CW-012	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 4	1	B	Res.	67	65	66	66	66	68	61	6
CW-013	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 1	1	B	Res.	67	50	51	48	52	52	46	4
CW-014	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 2	1	B	Res.	67	54	55	53	56	57	47	7
CW-015	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 3	1	B	Res.	67	56	57	55	58	59	48	8
CW-016	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 4	1	B	Res.	67	57	58	56	59	60	51	7
CW-017	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 1	1	B	Res.	67	59	60	60	61	63	56	6
CW-018	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 2	1	B	Res.	67	64	65	65	65	68	59	8
CW-019	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 3	1	B	Res.	67	65	65	66	66	68	60	7
CW-020	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 4	1	B	Res.	67	65	66	66	67	69	61	7
CW-021	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 1	1	B	Res.	67	52	53	51	54	55	48	5
CW-022	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 2	1	B	Res.	67	57	58	58	59	61	49	10
CW-023	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 3	1	B	Res.	67	59	60	59	61	62	50	11
CW-024	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 4	1	B	Res.	67	60	61	60	61	63	52	9
CW-025	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 1	1	B	Res.	67	59	60	60	61	63	56	6
CW-026	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 2	1	B	Res.	67	64	65	65	66	68	59	8
CW-027	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 3	1	B	Res.	67	65	66	66	66	69	60	8
CW-028	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 4	1	B	Res.	67	65	66	66	67	69	61	8
CW-029	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 1	1	B	Res.	67	60	60	61	61	63	56	7
CW-030	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 2	1	B	Res.	67	64	65	65	66	68	59	9
CW-031	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 3	1	B	Res.	67	65	66	66	67	69	60	9
CW-032	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 4	1	B	Res.	67	66	66	66	67	69	60	8
CW-033	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 1	1	B	Res.	67	53	53	53	54	56	50	4
CW-034	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 2	1	B	Res.	67	57	58	58	58	60	54	5
CW-035	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 3	1	B	Res.	67	58	58	58	59	61	55	5
CW-036	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 4	1	B	Res.	67	58	59	59	59	61	56	5
CW-037	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 1	1	B	Res.	67	50	51	49	51	52	50	1
CW-038	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 2	1	B	Res.	67	53	54	53	54	56	55	1
CW-039	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 3	1	B	Res.	67	54	54	54	55	57	55	1
CW-040	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 4	1	B	Res.	67	55	56	55	56	58	56	1
CW-041	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 1	1	B	Res.	67	50	51	50	53	53	48	5
CW-042	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 2	1	B	Res.	67	55	56	55	57	58	51	5
CW-043	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 3	1	B	Res.	67	58	59	58	60	61	52	7

Table C-6: Predicted Noise Levels for I-664 in Suffolk

CNE Site No.	Address	Recp. Units	Cat.	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. B No-Barrier	Alt. C No-Barrier	Alternative D		
										No-Barrier	With-Barrier	IL
CW-044	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 4	1	B	Res.	67	59	60	59	60	62	53	7
CW-045	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 1	1	B	Res.	67	53	54	53	54	56	46	10
CW-046	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 2	1	B	Res.	67	57	58	58	58	60	48	11
CW-047	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 3	1	B	Res.	67	58	59	59	59	62	49	11
CW-048	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 4	1	B	Res.	67	59	59	59	60	62	51	10
CW-049	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 1	1	B	Res.	67	51	51	50	51	53	44	7
CW-050	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 2	1	B	Res.	67	54	55	54	55	57	47	8
CW-051	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 3	1	B	Res.	67	55	56	55	56	58	48	8
CW-052	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 4	1	B	Res.	67	56	56	55	57	59	50	8
CW-053	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 1	1	B	Res.	67	60	61	61	61	63	54	8
CW-054	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 2	1	B	Res.	67	65	65	65	66	68	57	10
CW-055	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 3	1	B	Res.	67	65	66	66	67	69	58	10
CW-056	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 4	1	B	Res.	67	66	66	66	67	69	59	9
CW-057	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 1	1	B	Res.	67	50	51	47	50	51	43	5
CW-058	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 2	1	B	Res.	67	53	53	51	54	55	47	6
CW-059	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 3	1	B	Res.	67	54	55	52	55	56	48	6
CW-060	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 4	1	B	Res.	67	55	55	53	56	57	49	5
CW-061	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 1	1	B	Res.	67	50	51	47	51	52	47	1
CW-062	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 2	1	B	Res.	67	53	54	51	54	55	52	0
CW-063	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 3	1	B	Res.	67	54	55	52	56	56	53	0
CW-064	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 4	1	B	Res.	67	55	56	53	57	58	54	1
CW-065	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 1	1	B	Res.	67	60	60	60	61	63	54	8
CW-066	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 2	1	B	Res.	67	64	65	65	66	68	57	10
CW-067	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 3	1	B	Res.	67	65	66	66	67	69	58	10
CW-068	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 4	1	B	Res.	67	66	66	66	67	69	59	9
CW-069	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 1	1	B	Res.	67	59	60	60	61	62	54	9
CW-070	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 2	1	B	Res.	67	64	65	65	66	67	57	10
CW-071	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 3	1	B	Res.	67	65	66	66	67	68	57	10
CW-072	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 4	1	B	Res.	67	65	66	66	67	69	59	9
CW-073	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 1	1	B	Res.	67	57	58	57	58	60	52	8
CW-074	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 2	1	B	Res.	67	61	62	62	63	65	55	9
CW-075	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 3	1	B	Res.	67	63	63	64	64	66	56	9
CW-076	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 4	1	B	Res.	67	63	64	64	65	66	57	9
CW-077	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 1	1	B	Res.	67	56	57	56	57	59	51	7
CW-078	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 2	1	B	Res.	67	60	61	61	62	64	54	8
CW-079	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 3	1	B	Res.	67	62	62	62	63	65	55	9
CW-080	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 4	1	B	Res.	67	62	63	63	64	65	56	8
CW-081	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 1	1	B	Res.	67	56	56	55	56	58	50	7
CW-082	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 2	1	B	Res.	67	60	60	60	61	63	54	8
CW-083	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 3	1	B	Res.	67	61	61	61	62	64	55	9
CW-084	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 4	1	B	Res.	67	61	62	62	63	64	55	8
CW-085	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 1	1	B	Res.	67	55	56	55	56	57	50	7
CW-086	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 2	1	B	Res.	67	59	59	59	60	62	53	8
CW-087	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 3	1	B	Res.	67	60	61	60	61	63	54	8
CW-088	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 4	1	B	Res.	67	61	61	61	62	64	55	7
CW-089	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 1	1	B	Res.	67	57	58	58	58	60	50	10

Table C-6: Predicted Noise Levels for I-664 in Suffolk

CNE Site No.	Address	Recp. Units	Cat.	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. B No-Barrier	Alt. C No-Barrier	Alternative D		
										No-Barrier	With-Barrier	IL
CW-090	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 2	1	B	Res.	67	61	62	62	63	65	54	10
CW-091	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 3	1	B	Res.	67	62	63	63	63	66	54	11
CW-092	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 4	1	B	Res.	67	62	63	63	64	66	55	10
CW-093	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 1	1	B	Res.	67	55	56	56	56	58	50	9
CW-094	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 2	1	B	Res.	67	60	60	60	61	63	53	9
CW-095	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 3	1	B	Res.	67	60	61	61	61	63	54	9
CW-096	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 4	1	B	Res.	67	60	61	61	62	64	55	8
CW-097	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 1	1	B	Res.	67	54	55	54	55	57	50	7
CW-098	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 2	1	B	Res.	67	58	59	59	59	61	53	7
CW-099	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 3	1	B	Res.	67	59	59	59	60	62	54	7
CW-100	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 4	1	B	Res.	67	59	60	60	61	62	55	6
CW-101	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 1	1	B	Res.	67	54	54	54	55	56	50	6
CW-102	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 2	1	B	Res.	67	57	58	58	59	61	53	6
CW-103	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 3	1	B	Res.	67	58	59	59	60	61	54	6
CW-104	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 4	1	B	Res.	67	59	60	59	60	62	56	5
CW-105	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 1	1	B	Res.	67	53	54	51	54	55	48	5
CW-106	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 2	1	B	Res.	67	57	57	56	58	60	51	6
CW-107	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 3	1	B	Res.	67	58	59	58	60	61	52	7
CW-108	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 4	1	B	Res.	67	59	60	59	61	62	53	8
CW-109	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 1	1	B	Res.	67	53	54	51	53	55	48	4
CW-110	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 2	1	B	Res.	67	56	57	56	58	59	51	6
CW-111	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 3	1	B	Res.	67	58	59	58	60	61	53	6
CW-112	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 4	1	B	Res.	67	59	60	59	61	62	54	7
CW-113	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 1	1	B	Res.	67	53	54	52	54	55	50	3
CW-114	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 2	1	B	Res.	67	57	57	56	58	59	53	4
CW-115	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 3	1	B	Res.	67	58	59	58	60	61	55	4
CW-116	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 4	1	B	Res.	67	59	60	59	61	62	56	4
CW-117	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 1	1	B	Res.	67	55	56	54	57	57	51	3
CW-118	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 2	1	B	Res.	67	58	59	58	60	61	55	4
CW-119	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 3	1	B	Res.	67	60	61	59	62	62	57	4
CW-120	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 4	1	B	Res.	67	61	62	61	62	63	58	4
CW-121	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 1	1	B	Res.	67	60	61	61	63	65	53	10
CW-122	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 2	1	B	Res.	67	65	66	66	67	69	54	13
CW-123	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 3	1	B	Res.	67	66	67	67	68	70	55	14
CW-124	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 4	1	B	Res.	67	67	67	67	68	70	57	12
CW-125	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 1	1	B	Res.	67	59	60	60	62	63	52	9
CW-126	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 2	1	B	Res.	67	64	64	64	66	67	54	12
CW-127	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 3	1	B	Res.	67	66	66	66	67	69	54	13
CW-128	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 4	1	B	Res.	67	66	67	67	68	69	56	12
CW-129	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 1	1	B	Res.	67	58	58	58	60	62	52	8
CW-130	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 2	1	B	Res.	67	62	63	63	65	66	53	11
CW-131	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 3	1	B	Res.	67	65	65	65	66	68	54	13
CW-132	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 4	1	B	Res.	67	65	66	66	67	69	55	12
CW-133	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 1	1	B	Res.	67	57	58	57	59	61	51	7
CW-134	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 2	1	B	Res.	67	61	62	62	63	65	53	10
CW-135	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 3	1	B	Res.	67	63	64	64	65	67	53	12

Table C-6: Predicted Noise Levels for I-664 in Suffolk

CNE Site No.	Address	Recp. Units	Cat.	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. B No-Barrier	Alt. C No-Barrier	Alternative D		
										No-Barrier	With-Barrier	IL
CW-136	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 4	1	B	Res.	67	64	65	65	66	67	55	12
CW-137	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 1	1	B	Res.	67	56	57	55	58	59	50	6
CW-138	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 2	1	B	Res.	67	59	60	59	62	63	52	8
CW-139	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 3	1	B	Res.	67	61	62	61	63	64	54	9
CW-140	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 4	1	B	Res.	67	63	63	62	64	65	56	8
CW-141	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 1	1	B	Res.	67	56	57	56	59	60	51	6
CW-142	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 2	1	B	Res.	67	60	60	60	62	63	54	7
CW-143	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 3	1	B	Res.	67	62	63	62	64	65	56	8
CW-144	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 4	1	B	Res.	67	63	64	63	65	66	57	7
CW-145	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 1	1	B	Res.	67	56	57	57	60	61	51	8
CW-146	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 2	1	B	Res.	67	61	62	62	64	66	52	11
CW-147	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 3	1	B	Res.	67	64	65	65	66	68	52	14
CW-148	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 4	1	B	Res.	67	64	65	65	66	68	54	13
CW-149	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 1	1	B	Res.	67	57	58	56	59	60	52	5
CW-150	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 2	1	B	Res.	67	60	61	60	63	63	54	7
CW-151	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 3	1	B	Res.	67	63	64	63	65	66	56	8
CW-152	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 4	1	B	Res.	67	64	65	64	66	67	58	7
CW-153	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 1	1	B	Res.	67	55	56	55	58	60	49	7
CW-154	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 2	1	B	Res.	67	60	60	60	62	64	51	11
CW-155	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 3	1	B	Res.	67	61	62	62	63	65	52	12
CW-156	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 4	1	B	Res.	67	62	63	63	64	66	53	12
CW-157	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 1	1	B	Res.	67	57	58	57	60	60	53	5
CW-158	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 2	1	B	Res.	67	60	61	61	63	64	55	6
CW-159	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 3	1	B	Res.	67	63	64	63	66	66	57	7
CW-160	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 4	1	B	Res.	67	65	66	65	67	67	58	7
CW-161	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 1	1	B	Res.	67	55	56	55	57	59	49	7
CW-162	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 2	1	B	Res.	67	59	59	59	61	62	51	10
CW-163	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 3	1	B	Res.	67	60	61	61	62	64	51	11
CW-164	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 4	1	B	Res.	67	61	61	61	62	64	53	11
CW-165	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 1	1	B	Res.	67	55	56	55	57	59	48	7
CW-166	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 2	1	B	Res.	67	59	59	59	61	62	51	10
CW-167	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 3	1	B	Res.	67	60	61	60	62	63	51	11
CW-168	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 2 Flr. 4	1	B	Res.	67	61	62	61	63	64	53	10
CW-169	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 1	1	B	Res.	67	55	56	56	59	60	50	7
CW-170	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 2	1	B	Res.	67	58	59	59	62	63	51	9
CW-171	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 3	1	B	Res.	67	62	63	63	65	66	52	12
CW-172	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 4	1	B	Res.	67	64	65	65	66	67	53	13
CW-173	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 1	1	B	Res.	67	57	59	58	64	64	51	8
CW-174	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 2	1	B	Res.	67	62	63	63	67	68	52	12
CW-175	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 3	1	B	Res.	67	67	68	68	70	71	54	15
CW-176	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 4	1	B	Res.	67	68	69	69	70	72	56	14
CW-177	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 1	1	B	Res.	67	57	58	56	59	59	52	4
CW-178	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 2	1	B	Res.	67	60	61	60	63	63	55	4
CW-179	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 3	1	B	Res.	67	62	64	62	65	65	57	6
CW-180	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 4	1	B	Res.	67	64	65	64	66	66	59	6
CW-181	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 1	1	B	Res.	67	58	59	58	63	64	51	8

Table C-6: Predicted Noise Levels for I-664 in Suffolk

CNE Site No.	Address	Recp. Units	Cat.	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. B No-Barrier	Alt. C No-Barrier	Alternative D		
										No-Barrier	With-Barrier	IL
CW-182	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 2	1	B	Res.	67	62	63	63	66	67	52	12
CW-183	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 3	1	B	Res.	67	66	67	67	69	70	54	14
CW-184	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 4	1	B	Res.	67	68	68	68	70	71	56	14
CW-185	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 1	1	B	Res.	67	57	58	58	63	63	51	7
CW-186	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 2	1	B	Res.	67	61	62	62	66	66	52	12
CW-187	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 3	1	B	Res.	67	65	66	66	69	70	53	14
CW-188	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 4	1	B	Res.	67	67	68	68	70	71	56	14
CW-189	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 1	1	B	Res.	67	55	56	55	60	60	49	7
CW-190	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 2	1	B	Res.	67	58	59	59	62	63	49	10
CW-191	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 3	1	B	Res.	67	62	63	63	66	66	50	14
CW-192	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 4	1	B	Res.	67	65	66	65	67	68	52	14
CW-193	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 1	1	B	Res.	67	57	58	58	62	63	51	7
CW-194	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 2	1	B	Res.	67	61	62	62	65	66	51	12
CW-195	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 3	1	B	Res.	67	65	66	66	68	69	52	14
CW-196	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 4	1	B	Res.	67	67	68	68	69	70	55	14
CW-197	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 1	1	B	Res.	67	57	58	57	60	60	52	4
CW-198	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 2	1	B	Res.	67	60	61	60	63	63	55	5
CW-199	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 3	1	B	Res.	67	63	64	63	66	66	57	7
CW-200	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 4	1	B	Res.	67	65	66	65	67	67	58	7
CW-201	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 1	1	B	Res.	67	56	57	57	61	61	50	8
CW-202	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 2	1	B	Res.	67	59	60	60	63	64	49	12
CW-203	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 3	1	B	Res.	67	64	65	64	67	68	50	15
CW-204	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 4	1	B	Res.	67	66	67	66	68	69	53	14
CW-205	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 1	1	B	Res.	67	57	58	57	61	61	52	5
CW-206	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 2	1	B	Res.	67	60	62	61	64	64	55	5
CW-207	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 3	1	B	Res.	67	64	65	64	67	67	57	8
CW-208	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 4	1	B	Res.	67	66	67	66	68	68	58	8
CW-209	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 1	1	B	Res.	67	57	58	58	62	63	50	8
CW-210	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 2	1	B	Res.	67	61	61	62	65	65	50	12
CW-211	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 3	1	B	Res.	67	65	66	66	69	69	52	15
CW-212	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 4	1	B	Res.	67	67	68	68	70	70	54	15
CW-213	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 1	1	B	Res.	67	58	59	58	62	62	52	6
CW-214	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 2	1	B	Res.	67	61	62	61	64	65	55	6
CW-215	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 3	1	B	Res.	67	65	66	65	68	68	57	9
CW-216	New Harbour Towne/View, 7190 Harbour Towne Pkwy Row 1 Flr. 4	1	B	Res.	67	67	68	67	69	69	58	10
CWA-001	6119 Town Point Rd Row 1 Flr. 1	1	C	Rec.	67	64	65	65	65	67	61	5
CWA-002	6119 Town Point Rd Row 1 Flr. 1	1	C	Rec.	67	64	65	65	65	66	63	3
CWA-003	6119 Town Point Rd Row 1 Flr. 1	1	C	Rec.	67	66	67	67	67	68	66	1
CWA-004	6119 Town Point Rd Row 1 Flr. 1	1	C	Rec.	67	65	67	67	67	68	66	1
CX-001	6233 Skeet Rd Row 1 Flr. 1	1	B	Res.	67	74	75	75	75	75	60	15
CX-002	6250 Skeet Rd Row 1 Flr. 1	1	B	Res.	67	74	76	75	75	75	60	15
CX-003	4539 Magnolia Dr Row 1 Flr. 1	1	B	Res.	67	72	73	73	72	72	60	13
CX-004	4545 Magnolia Dr Row 1 Flr. 1	1	B	Res.	67	73	74	74	72	72	61	13
CX-005	5010 Huntersville Pl Row 1 Flr. 1	1	B	Res.	67	72	73	73	72	72	59	14
CX-006	6248 Skeet Rd Row 1 Flr. 1	1	B	Res.	67	73	74	74	74	74	59	15
CX-007	4549 Magnolia Dr Row 1 Flr. 1	1	B	Res.	67	72	73	72	71	71	60	13

Table C-6: Predicted Noise Levels for I-664 in Suffolk

CNE Site No.	Address	Recp. Units	Cat.	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. B No-Barrier	Alt. C No-Barrier	Alternative D		
										No-Barrier	With-Barrier	IL
CX-008	4553 Magnolia Dr Row 1 Flr. 1	1	B	Res.	67	71	72	71	71	71	60	13
CX-009	4557 Magnolia Dr Row 1 Flr. 1	1	B	Res.	67	70	71	71	71	71	60	13
CX-010	4541 Magnolia Dr Row 1 Flr. 1	1	B	Res.	67	71	72	72	71	71	58	14
CX-011	4561 Magnolia Dr Row 1 Flr. 1	1	B	Res.	67	70	71	70	70	70	60	14
CX-012	6244 Skeet Rd Row 1 Flr. 1	1	B	Res.	67	71	73	72	72	72	58	14
CX-013	5012 Huntersville Pl Row 1 Flr. 1	1	B	Res.	67	70	71	71	70	70	60	11
CX-014	6231 Skeet Rd Row 1 Flr. 1	1	B	Res.	67	71	72	72	71	71	58	14
CX-015	4565 Magnolia Dr Row 1 Flr. 1	1	B	Res.	67	69	70	69	69	69	59	13
CX-016	6107 Old Townpoint Rd Row 1 Flr. 1	1	B	Res.	67	70	71	71	71	71	57	14
CX-017	6114 Old Townpoint Rd Row 1 Flr. 1	1	B	Res.	67	69	71	70	70	70	57	13
CX-018	6225 Skeet Rd Row 1 Flr. 1	1	B	Res.	67	69	70	70	70	70	57	12
CX-019	4540 Magnolia Dr Row 2 Flr. 1	1	B	Res.	67	68	69	69	68	68	57	12
CX-020	5014 Huntersville Pl Row 1 Flr. 1	1	B	Res.	67	69	70	70	69	69	56	13
CX-021	6109 Old Townpoint Rd Row 1 Flr. 1	1	B	Res.	67	69	70	70	70	70	56	13
CX-022	6116 Old Townpoint Rd Row 1 Flr. 1	1	B	Res.	67	68	69	69	69	69	56	12
CX-023	6217 Skeet Rd Row 1 Flr. 1	1	B	Res.	67	68	69	69	69	69	56	12
CX-024	4548 Magnolia Dr Row 2 Flr. 1	1	B	Res.	67	63	65	64	64	64	56	8
CX-025	6232 Skeet Rd Row 1 Flr. 1	1	B	Res.	67	67	68	68	68	68	57	11
CX-026	6111 Old Townpoint Rd Row 1 Flr. 1	1	B	Res.	67	67	68	68	68	68	56	12
CX-027	4552 Magnolia Dr Row 2 Flr. 1	1	B	Res.	67	64	65	64	64	64	55	10
CX-028	6213 Skeet Rd Row 1 Flr. 1	1	B	Res.	67	67	68	68	68	68	56	12
CX-029	5013 Huntersville Pl Row 1 Flr. 1	1	B	Res.	67	67	68	67	67	67	55	13
CX-030	4556 Magnolia Dr Row 2 Flr. 1	1	B	Res.	67	63	64	64	64	64	55	9
CX-031	5016 Huntersville Pl Row 2 Flr. 1	1	B	Res.	67	66	67	67	66	66	55	12
CX-032	4569 Magnolia Dr Row 1 Flr. 1	1	B	Res.	67	66	67	66	67	67	57	11
CX-033	6113 Old Townpoint Rd Row 1 Flr. 1	1	B	Res.	67	66	67	67	67	67	55	12
CX-034	6230 Skeet Rd Row 1 Flr. 1	1	B	Res.	67	66	67	66	66	66	56	11
CX-035	6209 Skeet Rd Row 1 Flr. 1	1	B	Res.	67	66	67	67	67	67	55	11
CX-036	4572 Magnolia Dr Row 2 Flr. 1	1	B	Res.	67	63	64	63	63	63	55	9
CX-037	5015 Huntersville Pl Row 1 Flr. 1	1	B	Res.	67	65	66	66	66	66	55	11
CX-038	4544 Magnolia Dr Row 2 Flr. 1	1	B	Res.	67	63	64	63	63	63	52	11
CX-039	5018 Huntersville Pl Row 2 Flr. 1	1	B	Res.	67	64	65	64	64	64	53	11
CX-040	5023 Huntersville Pl Row 2 Flr. 1	1	B	Res.	67	63	64	63	64	64	52	11
CX-041	4573 Magnolia Dr Row 1 Flr. 1	1	B	Res.	67	64	65	64	64	64	55	10
CX-042	5017 Huntersville Pl Row 2 Flr. 1	1	B	Res.	67	63	64	64	64	64	53	11
CX-043	6216 Skeet Rd Row 2 Flr. 1	1	B	Res.	67	62	63	63	63	63	54	9
CX-044	4576 Magnolia Dr Row 3 Flr. 1	1	B	Res.	67	60	61	60	60	60	50	11
CX-045	6119 Old Townpoint Rd Row 2 Flr. 1	1	B	Res.	67	62	63	62	63	63	52	10
CX-046	5020 Huntersville Pl Row 3 Flr. 1	1	B	Res.	67	61	62	61	62	62	51	11
CX-047	6245 Freeman Av Row 2 Flr. 1	1	B	Res.	67	62	63	63	63	63	54	8
CX-048	4577 Magnolia Dr Row 1 Flr. 1	1	B	Res.	67	63	64	63	63	63	55	9
CX-049	6220 Freeman Av Row 2 Flr. 1	1	B	Res.	67	63	64	64	63	63	57	5
CX-050	6013 Green Ash Ct Row 3 Flr. 1	1	B	Res.	67	61	62	61	61	61	52	9
CX-051	6202 Old Townpoint Rd Row 2 Flr. 1	1	B	Res.	67	62	63	62	63	63	53	9
CX-052	6232 Freeman Av Row 2 Flr. 1	1	B	Res.	67	63	64	63	63	63	55	7
CX-053	6241 Freeman Av Row 2 Flr. 1	1	B	Res.	67	62	63	62	63	63	54	8

Table C-6: Predicted Noise Levels for I-664 in Suffolk

CNE Site No.	Address	Recp. Units	Cat.	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. B No-Barrier	Alt. C No-Barrier	Alternative D		
										No-Barrier	With-Barrier	IL
CX-054	6009 Green Ash Ct Row 3 Flr. 1	1	B	Res.	67	60	61	61	60	61	54	8
CX-055	5019 Huntersville Pl Row 3 Flr. 1	1	B	Res.	67	59	61	60	60	60	51	10
CX-056	6017 Green Ash Ct Row 3 Flr. 1	1	B	Res.	67	61	62	61	61	61	54	8
CX-057	6005 Green Ash Ct Row 3 Flr. 1	1	B	Res.	67	60	61	60	60	60	51	10
CX-058	6228 Freeman Av Row 2 Flr. 1	1	B	Res.	67	62	63	63	63	63	55	7
CX-059	6125 Townpoint Rd Row 2 Flr. 1	1	B	Res.	67	61	62	62	62	62	53	9
CX-060	6218 Freeman Av Row 2 Flr. 1	1	B	Res.	67	62	64	63	62	62	56	5
CX-061	6001 Green Ash Ct Row 3 Flr. 1	1	B	Res.	67	59	60	59	59	59	50	9
CX-062	4581 Magnolia Dr Row 2 Flr. 1	1	B	Res.	67	62	63	62	62	62	54	8
CX-063	6121 Old Townpoint Rd Row 3 Flr. 1	1	B	Res.	67	60	61	61	61	61	52	9
CX-064	6237 Freeman Av Row 2 Flr. 1	1	B	Res.	67	61	62	62	62	62	53	8
CX-065	6208 Old Townpoint Rd Row 2 Flr. 1	1	B	Res.	67	61	62	61	62	62	53	8
CX-066	6021 Green Ash Ct Row 3 Flr. 1	1	B	Res.	67	60	61	61	61	61	52	9
CX-067	6233 Freeman Av Row 3 Flr. 1	1	B	Res.	67	61	62	61	61	61	53	8
CX-068	6212 Old Townpoint Rd Row 2 Flr. 1	1	B	Res.	67	60	61	61	61	61	53	8
CX-069	6025 Green Ash Ct Row 3 Flr. 1	1	B	Res.	67	60	61	60	61	61	51	9
CX-070	6203 Old Townpoint Rd Row 2 Flr. 1	1	B	Res.	67	60	62	61	61	61	52	9
CX-071	4585 Magnolia Dr Row 3 Flr. 1	1	B	Res.	67	61	62	62	61	61	54	8
CX-072	6216 Freeman Av Row 3 Flr. 1	1	B	Res.	67	61	62	61	61	61	54	6
CX-073	6221 Freeman Av Row 3 Flr. 1	1	B	Res.	67	59	61	60	60	60	53	6
CX-074	6012 Green Ash Ct Row 4 Flr. 1	1	B	Res.	67	57	58	57	58	58	50	7
CX-075	6012 Green Ash Ct Row 4 Flr. 1	1	B	Res.	67	57	58	57	58	58	51	7
CX-076	6220 Old Townpoint Rd Row 3 Flr. 1	1	B	Res.	67	59	60	60	59	59	53	7
CX-077	6214 Freeman Av Row 3 Flr. 1	1	B	Res.	67	60	62	61	60	60	55	5
CX-078	6205 Old Townpoint Rd Row 3 Flr. 1	1	B	Res.	67	59	60	59	59	59	51	9
CX-079	6008 Green Ash Ct Row 4 Flr. 1	1	B	Res.	67	57	58	58	58	58	51	7
CX-080	6008 Green Ash Ct Row 4 Flr. 1	1	B	Res.	67	57	59	58	58	58	51	8
CX-081	6004 Green Ash Ct Row 4 Flr. 1	1	B	Res.	67	58	59	58	58	58	51	7
CX-082	6004 Green Ash Ct Row 4 Flr. 1	1	B	Res.	67	58	59	58	59	59	51	8
CX-083	6000 Green Ash Ct Row 4 Flr. 1	1	B	Res.	67	55	56	55	55	55	48	8
CX-084	6000 Green Ash Ct Row 4 Flr. 1	1	B	Res.	67	58	59	59	59	59	52	7
CX-085	6226 Old Townpoint Rd Row 3 Flr. 1	1	B	Res.	67	59	60	59	59	59	54	5
CX-086	4589 Magnolia Dr Row 3 Flr. 1	1	B	Res.	67	60	61	60	60	60	54	7
CX-087	6210 Freeman Av Row 3 Flr. 1	1	B	Res.	67	60	61	61	60	60	55	5
CX-088	6219 Old Townpoint Rd Row 3 Flr. 1	1	B	Res.	67	58	59	58	58	58	50	8
CX-089	6228 Old Townpoint Rd Row 3 Flr. 1	1	B	Res.	67	58	60	59	59	59	53	5
CX-090	6217 Freeman Av Row 3 Flr. 1	1	B	Res.	67	59	60	59	59	59	53	6
CX-091	6225 Old Townpoint Rd Row 3 Flr. 1	1	B	Res.	67	57	58	57	57	57	50	8
CX-092	4592 Magnolia Dr Row 4 Flr. 1	1	B	Res.	67	55	56	55	55	55	49	7
CX-093	6204 Freeman Av Row 4 Flr. 1	1	B	Res.	67	59	60	60	59	59	56	3
CX-094	4593 Magnolia Dr Row 4 Flr. 1	1	B	Res.	67	59	60	60	59	59	54	7
CX-095	6232 Old Townpoint Rd Row 4 Flr. 1	1	B	Res.	67	58	59	58	58	58	52	6
CX-096	Wynnewood Park, 4600 Magnolia Dr Row 4 Flr. 1	1	C	Rec.	67	58	59	58	59	59	51	8
CX-097	6207 Old Townpoint Rd Row 3 Flr. 1	1	B	Res.	67	58	59	59	58	58	51	8
CX-098	4592 Magnolia Dr Row 4 Flr. 1	1	B	Res.	67	55	56	55	56	56	49	7
CX-099	6200 Freeman Av Row 4 Flr. 1	1	B	Res.	67	59	60	59	58	58	56	3

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CNE Site No.	Address	Recp. Units	Cat.	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. B No-Barrier	Alt. C No-Barrier	Alternative D		
										No-Barrier	With-Barrier	IL
CX-100	6205 Freeman Av Row 4 Flr. 1	1	B	Res.	67	58	59	58	58	58	54	4
CX-101	4596 Magnolia Dr Row 4 Flr. 1	1	B	Res.	67	55	56	55	55	56	50	6
CX-102	6332 Freeman Av Row 4 Flr. 1	1	B	Res.	67	59	60	59	58	58	56	3
CX-103	6240 Old Townpoint Rd Row 4 Flr. 1	1	B	Res.	67	57	58	58	57	57	53	5
CX-104	4597 Magnolia Dr Row 4 Flr. 1	1	B	Res.	67	58	59	58	58	58	53	6
CX-105	4596 Magnolia Dr Row 4 Flr. 1	1	B	Res.	67	54	56	55	55	55	48	7
CX-106	6328 Freeman Av Row 4 Flr. 1	1	B	Res.	67	58	59	59	57	57	56	3
CX-107	4609 Camellia Dr Row 1 Flr. 1	1	B	Res.	67	60	61	60	60	61	54	6
CX-108	4605 Camellia Dr Row 2 Flr. 1	1	B	Res.	67	59	60	60	60	60	54	6
CX-109	4613 Camellia Dr Row 1 Flr. 1	1	B	Res.	67	60	62	61	61	61	55	6
CX-110	4601 Camellia Dr Row 3 Flr. 1	1	B	Res.	67	58	59	58	59	59	53	6
CX-111	4617 Camellia Dr Row 1 Flr. 1	1	B	Res.	67	60	61	61	61	61	55	6
CX-112	4621 Camellia Dr Row 1 Flr. 1	1	B	Res.	67	60	62	61	61	61	55	6
CX-113	6001 Camellia Dr Row 4 Flr. 1	1	B	Res.	67	57	58	57	58	58	53	5
CX-114	4608 Camellia Dr Row 2 Flr. 1	1	B	Res.	67	57	58	58	58	58	53	5
CX-115	4616 Camellia Dr Row 2 Flr. 1	1	B	Res.	67	58	59	58	59	59	54	5
CX-116	4625 Camellia Dr Row 1 Flr. 1	1	B	Res.	67	61	62	61	61	61	56	5
CX-117	4609 Magnolia Dr Row 3 Flr. 1	1	B	Res.	67	57	58	57	58	58	52	6
CX-118	4629 Camellia Dr Row 1 Flr. 1	1	B	Res.	67	61	62	62	61	62	56	5
CX-119	4620 Camellia Dr Row 2 Flr. 1	1	B	Res.	67	59	60	59	60	60	54	5
CX-120	4608 Magnolia Dr Row 4 Flr. 1	1	B	Res.	67	56	58	57	57	58	52	5
CX-121	4633 Camellia Dr Row 1 Flr. 1	1	B	Res.	67	61	62	62	62	62	56	5
CX-122	4624 Camellia Dr Row 2 Flr. 1	1	B	Res.	67	59	60	59	59	60	54	5
CX-123	4613 Magnolia Dr Row 3 Flr. 1	1	B	Res.	67	56	57	57	57	57	52	5
CX-124	4637 Camellia Dr Row 1 Flr. 1	1	B	Res.	67	61	62	62	62	62	57	5
CX-125	4612 Magnolia Dr Row 4 Flr. 1	1	B	Res.	67	56	57	56	57	57	52	5
CX-126	4628 Camellia Dr Row 2 Flr. 1	1	B	Res.	67	59	60	59	60	60	55	5
CX-127	4617 Magnolia Dr Row 3 Flr. 1	1	B	Res.	67	56	57	57	57	57	52	5
CX-128	4641 Camellia Dr Row 1 Flr. 1	1	B	Res.	67	61	62	62	62	62	57	5
CX-129	4632 Camellia Dr Row 2 Flr. 1	1	B	Res.	67	59	60	60	60	60	55	5
CX-130	4621 Magnolia Dr Row 3 Flr. 1	1	B	Res.	67	56	57	56	57	57	52	5
CX-131	4616 Magnolia Dr Row 4 Flr. 1	1	B	Res.	67	56	57	56	57	57	51	5
CX-132	4645 Camellia Dr Row 1 Flr. 1	1	B	Res.	67	62	63	63	62	63	57	6
CX-133	4636 Camellia Dr Row 2 Flr. 1	1	B	Res.	67	59	60	60	60	60	55	4
CX-134	4625 Magnolia Dr Row 3 Flr. 1	1	B	Res.	67	56	57	56	57	57	52	5
CX-135	4620 Magnolia Dr Row 4 Flr. 1	1	B	Res.	67	55	57	56	56	57	52	4
CX-136	4640 Camellia Dr Row 2 Flr. 1	1	B	Res.	67	59	60	60	60	60	56	4
CX-137	4701 Camellia Dr Row 1 Flr. 1	1	B	Res.	67	62	63	64	63	63	58	6
CX-138	5905 Vernon Dr Row 3 Flr. 1	1	B	Res.	67	55	56	56	56	56	51	4
CX-139	5913 Vernon Dr Row 3 Flr. 1	1	B	Res.	67	56	57	56	57	57	52	5
CX-140	5917 Vernon Dr Row 4 Flr. 1	1	B	Res.	67	55	57	56	56	57	52	5
CX-141	4629 Magnolia Dr Row 4 Flr. 1	1	B	Res.	67	56	57	56	57	57	52	4
CX-142	4705 Camellia Dr Row 1 Flr. 1	1	B	Res.	67	64	65	66	65	65	58	7
CX-143	4709 Camellia Dr Row 1 Flr. 1	1	B	Res.	67	64	65	66	64	65	58	7
CX-144	4700 Camellia Dr Row 2 Flr. 1	1	B	Res.	67	60	61	61	60	61	57	4
CX-145	4713 Camellia Dr Row 1 Flr. 1	1	B	Res.	67	64	65	67	64	65	58	8

Table C-6: Predicted Noise Levels for I-664 in Suffolk

CNE Site No.	Address	Recp. Units	Cat.	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. B No-Barrier	Alt. C No-Barrier	Alternative D		
										No-Barrier	With-Barrier	IL
CX-146	5904 Vernon Dr Row 3 Flr. 1	1	B	Res.	67	57	57	58	57	57	55	3
CX-147	4708 Camellia Dr Row 2 Flr. 1	1	B	Res.	67	60	61	62	61	61	57	4
CX-148	5908 Vernon Dr Row 3 Flr. 1	1	B	Res.	67	56	57	57	57	57	54	3
CX-149	5912 Vernon Dr Row 4 Flr. 1	1	B	Res.	67	55	56	56	56	56	53	2
CX-150	5916 Vernon Dr Row 4 Flr. 1	1	B	Res.	67	55	56	55	55	55	53	2
CX-151	4717 Camellia Dr Row 1 Flr. 1	1	B	Res.	67	65	66	68	65	66	59	9
CX-152	5901 Brookwood Dr Row 2 Flr. 1	1	B	Res.	67	61	62	62	61	62	57	4
CX-153	5909 Brookwood Dr Row 3 Flr. 1	1	B	Res.	67	57	58	58	57	58	54	3
CX-154	5913 Brookwood Dr Row 3 Flr. 1	1	B	Res.	67	56	57	57	57	57	54	3
CX-155	4721 Camellia Dr Row 1 Flr. 1	1	B	Res.	67	66	67	69	66	67	58	10
CX-156	5917 Brookwood Dr Row 4 Flr. 1	1	B	Res.	67	56	57	57	56	57	53	3
CX-157	5921 Brookwood Dr Row 4 Flr. 1	1	B	Res.	67	55	56	56	56	56	53	3
CX-158	5925 Brookwood Dr Row 5 Flr. 1	1	B	Res.	67	55	56	55	55	56	52	3
CX-159	4725 Camellia Dr Row 1 Flr. 1	1	B	Res.	67	67	68	70	67	68	57	12
CX-160	4720 Camellia Dr Row 2 Flr. 1	1	B	Res.	67	62	62	63	62	62	58	5
CX-161	4729 Camellia Dr Row 1 Flr. 1	1	B	Res.	67	69	70	71	69	70	57	13
CX-162	4724 Camellia Dr Row 2 Flr. 1	1	B	Res.	67	63	63	65	63	63	58	6
CX-163	5904 Brookwood Dr Row 3 Flr. 1	1	B	Res.	67	59	60	60	59	59	56	4
CX-164	5908 Brookwood Dr Row 3 Flr. 1	1	B	Res.	67	58	58	59	58	58	56	3
CX-165	5912 Brookwood Dr Row 4 Flr. 1	1	B	Res.	67	57	57	58	57	57	55	2
CX-166	5916 Brookwood Dr Row 4 Flr. 1	1	B	Res.	67	56	57	57	56	56	54	2
CX-167	5920 Brookwood Dr Row 4 Flr. 1	1	B	Res.	67	55	56	56	56	56	54	2
CX-168	4733 Camellia Dr Row 1 Flr. 1	1	B	Res.	67	70	71	72	70	70	57	14
CX-169	5924 Brookwood Dr Row 5 Flr. 1	1	B	Res.	67	55	55	56	55	55	53	2
CX-170	4728 Camellia Dr Row 2 Flr. 1	1	B	Res.	67	64	65	67	64	65	58	7
CX-171	5917 Bradford Dr Row 3 Flr. 1	1	B	Res.	67	59	59	60	59	59	56	4
CX-172	5913 Bradford Dr Row 3 Flr. 1	1	B	Res.	67	60	61	62	60	61	57	5
CX-173	5921 Bradford Dr Row 3 Flr. 1	1	B	Res.	67	58	59	59	58	58	56	3
CX-174	5925 Bradford Dr Row 4 Flr. 1	1	B	Res.	67	57	58	58	57	57	55	2
CX-175	5929 Bradford Dr Row 4 Flr. 1	1	B	Res.	67	56	57	57	56	56	54	2
CX-176	5933 Bradford Dr Row 4 Flr. 1	1	B	Res.	67	55	56	56	56	56	54	2
CX-177	5937 Bradford Dr Row 5 Flr. 1	1	B	Res.	67	55	55	55	55	55	53	1
CX-178	5900 Bradford Dr Row 1 Flr. 1	1	B	Res.	67	69	70	71	69	70	57	13
CX-179	5904 Bradford Dr Row 2 Flr. 1	1	B	Res.	67	65	66	68	65	66	58	9
CX-180	5908 Bradford Dr Row 3 Flr. 1	1	B	Res.	67	63	63	65	63	63	57	6
CX-181	5912 Bradford Dr Row 3 Flr. 1	1	B	Res.	67	61	61	62	61	61	57	4
CX-182	5916 Bradford Dr Row 4 Flr. 1	1	B	Res.	67	60	61	61	60	60	57	3
CX-183	5920 Bradford Dr Row 4 Flr. 1	1	B	Res.	67	58	59	59	58	58	56	3
CX-184	5924 Bradford Dr Row 4 Flr. 1	1	B	Res.	67	58	59	59	58	58	56	2
CX-185	5928 Bradford Dr Row 5 Flr. 1	1	B	Res.	67	57	58	58	57	57	55	2
CX-186	5932 Bradford Dr Row 5 Flr. 1	1	B	Res.	67	56	57	57	56	57	55	2
CX-187	5901 Old College Dr Row 1 Flr. 1	1	B	Res.	67	69	70	71	69	70	57	13
CX-188	5905 Old College Dr Row 2 Flr. 1	1	B	Res.	67	65	66	68	65	65	57	10
CX-189	5909 Old College Dr Row 3 Flr. 1	1	B	Res.	67	63	63	65	63	63	57	6
CX-190	5913 Old College Dr Row 3 Flr. 1	1	B	Res.	67	61	62	63	61	62	57	4
CX-191	5917 Old College Dr Row 4 Flr. 1	1	B	Res.	67	59	60	61	59	59	56	3

Table C-6: Predicted Noise Levels for I-664 in Suffolk

CNE Site No.	Address	Recp. Units	Cat.	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. B No-Barrier	Alt. C No-Barrier	Alternative D		
										No-Barrier	With-Barrier	IL
CX-192	5921 Old College Dr Row 4 Flr. 1	1	B	Res.	67	58	59	59	58	58	56	2
CX-193	5925 Old College Dr Row 4 Flr. 1	1	B	Res.	67	57	57	58	57	57	55	2
CX-194	4717 Magnolia Dr Row 5 Flr. 1	1	B	Res.	67	56	57	57	57	57	55	2
CX-195	5929 Old College Dr Row 5 Flr. 1	1	B	Res.	67	58	59	59	59	59	56	2
CX-196	5933 Old College Dr Row 5 Flr. 1	1	B	Res.	67	55	56	56	55	55	53	2
CX-197	College Square at Harbour View, 6000 Old College Dr Row 1 Flr. 1	2	B	Res.	67	65	65	67	65	65	57	9
CX-198	College Square at Harbour View, 6000 Old College Dr Row 2 Flr. 1	2	B	Res.	67	59	60	61	59	59	55	5
CX-199	College Square at Harbour View, 6000 Old College Dr Row 2 Flr. 1	2	B	Res.	67	58	59	60	58	58	55	4
CX-200	College Square at Harbour View, 6000 Old College Dr Row 2 Flr. 1	2	B	Res.	67	58	58	59	58	58	55	4
CX-201	College Square at Harbour View, 6000 Old College Dr Row 2 Flr. 1	2	B	Res.	67	57	58	59	57	57	55	3
CX-202	College Square at Harbour View, 6000 Old College Dr Row 3 Flr. 1	2	B	Res.	67	56	57	58	57	57	54	2
CX-203	College Square at Harbour View, 6000 Old College Dr Row 3 Flr. 1	2	B	Res.	67	56	56	57	56	56	54	2
CX-204	College Square at Harbour View, 6000 Old College Dr Row 3 Flr. 1	2	B	Res.	67	56	56	57	56	56	54	2
CX-205	College Square at Harbour View, 6000 Old College Dr Row 4 Flr. 1	2	B	Res.	67	55	55	56	55	55	53	2
CX-206	College Square at Harbour View, 6000 Old College Dr Row 4 Flr. 1	2	B	Res.	67	54	55	55	55	55	53	2
CX-207	College Square at Harbour View, 6000 Old College Dr Row 4 Flr. 1	2	B	Res.	67	54	55	55	54	54	52	2
CX-208	College Square at Harbour View, 6000 Old College Dr Row 4 Flr. 1	2	B	Res.	67	54	55	55	55	55	53	1
CX-209	College Square at Harbour View, 6000 Old College Dr Row 1 Flr. 1	2	B	Res.	67	65	66	67	65	65	56	10
CX-210	College Square at Harbour View, 6000 Old College Dr Row 5 Flr. 1	2	B	Res.	67	54	55	55	55	55	54	1
CX-211	College Square at Harbour View, 6000 Old College Dr Row 1 Flr. 1	2	B	Res.	67	65	65	67	65	65	56	9
CX-212	College Square at Harbour View, 6000 Old College Dr Row 5 Flr. 1	2	B	Res.	67	54	55	55	55	55	54	1
CX-213	College Square at Harbour View, 6000 Old College Dr Row 5 Flr. 1	2	B	Res.	67	54	56	56	55	55	55	0
CX-214	College Square at Harbour View, 6000 Old College Dr Row 2 Flr. 1	2	B	Res.	67	58	59	60	58	58	53	5
CX-215	College Square at Harbour View, 6000 Old College Dr Row 1 Flr. 1	2	B	Res.	67	64	65	66	64	65	56	9
CX-216	College Square at Harbour View, 6000 Old College Dr Row 1 Flr. 1	1	B	Res.	67	72	72	73	72	72	58	14
CX-217	College Square at Harbour View, 6000 Old College Dr Row 3 Flr. 1	2	B	Res.	67	54	55	55	55	55	51	4
CX-218	College Square at Harbour View, 6000 Old College Dr Row 3 Flr. 1	2	B	Res.	67	53	55	55	54	55	52	2
CX-219	College Square at Harbour View, 6000 Old College Dr Row 2 Flr. 1	2	B	Res.	67	59	59	60	59	59	53	6
CX-220	College Square at Harbour View, 6000 Old College Dr Row 5 Flr. 1	2	B	Res.	67	56	58	58	58	58	57	0
CX-221	College Square at Harbour View, 6000 Old College Dr Row 1 Flr. 1	1	B	Res.	67	72	72	73	72	72	57	15
CX-222	College Square at Harbour View, 6000 Old College Dr Row 1 Flr. 1	1	B	Res.	67	72	73	73	72	72	57	15
CX-223	College Square at Harbour View, 6000 Old College Dr Row 3 Flr. 1	2	B	Res.	67	53	55	55	54	54	50	4
CX-224	College Square at Harbour View, 6000 Old College Dr Row 3 Flr. 1	2	B	Res.	67	54	55	55	55	55	54	2
CX-225	College Square at Harbour View, 6000 Old College Dr Row 1 Flr. 1	1	B	Res.	67	72	72	73	72	72	57	15
CX-226	College Square at Harbour View, 6000 Old College Dr Row 1 Flr. 1	2	B	Res.	67	63	64	66	64	64	56	8
CX-227	College Square at Harbour View, 6000 Old College Dr Row 2 Flr. 1	2	B	Res.	67	60	61	62	60	61	53	7
CX-228	College Square at Harbour View, 6000 Old College Dr Row 4 Flr. 1	2	B	Res.	67	57	58	58	58	58	57	0
CX-229	College Square at Harbour View, 6000 Old College Dr Row 4 Flr. 1	2	B	Res.	67	57	59	59	59	59	57	0
CX-230	College Square at Harbour View, 6000 Old College Dr Row 4 Flr. 1	2	B	Res.	67	58	59	59	59	59	58	0
CX-231	College Square at Harbour View, 6000 Old College Dr Row 4 Flr. 1	2	B	Res.	67	58	60	60	59	59	58	0
CX-232	College Square at Harbour View, 6000 Old College Dr Row 4 Flr. 1	2	B	Res.	67	59	60	60	60	60	59	0
CX-233	College Square at Harbour View, 6000 Old College Dr Row 3 Flr. 1	2	B	Res.	67	56	57	57	57	57	55	2
CX-234	College Square at Harbour View, 6000 Old College Dr Row 1 Flr. 1	1	B	Res.	67	72	73	73	72	72	57	15
CX-235	College Square at Harbour View, 6000 Old College Dr Row 4 Flr. 1	2	B	Res.	67	59	61	61	60	60	59	0
CX-236	College Square at Harbour View, 6000 Old College Dr Row 3 Flr. 1	2	B	Res.	67	55	56	56	56	56	52	4
CX-237	College Square at Harbour View, 6000 Old College Dr Row 4 Flr. 1	2	B	Res.	67	59	61	61	61	61	60	0

Table C-6: Predicted Noise Levels for I-664 in Suffolk

CNE Site No.	Address	Recp. Units	Cat.	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**						
						Existing	No-Build	Alt. B No-Barrier	Alt. C No-Barrier	Alternative D		
										No-Barrier	With-Barrier	IL
CX-238	College Square at Harbour View, 6000 Old College Dr Row 4 Flr. 1	2	B	Res.	67	60	61	61	61	61	60	0
CX-239	College Square at Harbour View, 6000 Old College Dr Row 1 Flr. 1	1	B	Res.	67	72	73	73	72	72	57	15
CX-240	College Square at Harbour View, 6000 Old College Dr Row 2 Flr. 1	2	B	Res.	67	61	62	63	61	62	56	5
CX-241	College Square at Harbour View, 6000 Old College Dr Row 3 Flr. 1	2	B	Res.	67	58	60	60	59	60	56	2
CX-242	College Square at Harbour View, 6000 Old College Dr Row 3 Flr. 1	2	B	Res.	67	59	60	61	60	60	55	4
CX-243	College Square at Harbour View, 6000 Old College Dr Row 1 Flr. 1	1	B	Res.	67	73	73	74	73	73	58	14
CX-244	College Square at Harbour View, 6000 Old College Dr Row 1 Flr. 1	2	B	Res.	67	62	63	64	63	63	55	5
CX-245	College Square at Harbour View, 6000 Old College Dr Row 1 Flr. 1	2	B	Res.	67	63	64	65	64	64	55	6
CX-246	College Square at Harbour View, 6000 Old College Dr Row 1 Flr. 1	2	B	Res.	67	64	65	66	64	65	55	7
CX-247	College Square at Harbour View, 6000 Old College Dr Row 1 Flr. 1	2	B	Res.	67	66	67	67	66	67	54	7
CX-248	College Square at Harbour View, 6000 Old College Dr Row 1 Flr. 1	2	B	Res.	67	68	69	69	68	68	54	8
CX-249	College Square at Harbour View, 6000 Old College Dr Row 1 Flr. 1	1	B	Res.	67	69	70	71	69	70	54	9
CX-250	College Square at Harbour View, 6000 Old College Dr Row 1 Flr. 1	1	B	Res.	67	71	72	72	71	71	55	11
DA-001	Maryview Hospital, 4868 Bridge Rd Row 1 Flr. 1	1	D	Int.	52	36	37	38	36	37	NA	NA
DAA-001	Lakeview Medical Center, 4775 Bridge Rd Row 1 Flr. 1	1	C	Rec.	67	57	58	58	58	58	NA	NA
DAA-002	5787 Lynn Dr Row 1 Flr. 1	1	B	Res.	67	58	59	59	59	59	NA	NA

* Cat. Refers to FHWA Activity Category. Res.= Residential, Rec.= Recreational, Mon.= Noise Monitoring Site, Com.= Commercial, Int.=Interior Institutional

** Red numbers indicate noise impact due to NAC or Substantial Increase in existing noise levels. Some subtractions may appear to be incorrect due to rounding of decibels. NA or 0 indicates receptors not behind barriers, or set back and not impacted where benefits were not determined.

Source: HMMH, 2016

Table C-7 Predicted Noise Levels for I-664 in Newport News

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DI-001	King-Lincoln Park, 600 Jefferson Ave, Row 1 Flr. 1	1	C	Rec.	67	65	66	65	66	59	6
DI-002	King-Lincoln Park, 600 Jefferson Ave, Row 1 Flr. 1	1	C	Rec.	67	65	66	65	66	59	6
DI-003	King-Lincoln Park, 600 Jefferson Ave, Row 1 Flr. 1	1	C	Rec.	67	63	64	63	64	57	7
DI-004	King-Lincoln Park, 600 Jefferson Ave, Row 1 Flr. 1	1	C	Rec.	67	65	66	65	66	59	6
DI-005	King-Lincoln Park, 600 Jefferson Ave, Row 1 Flr. 1	1	C	Rec.	67	63	64	64	64	57	7
DI-006	King-Lincoln Park, 600 Jefferson Ave, Row 1 Flr. 1	1	C	Rec.	67	65	66	65	65	59	6
DI-007	King-Lincoln Park, 600 Jefferson Ave, Row 1 Flr. 1	1	C	Rec.	67	62	63	62	63	56	6
DI-008	King-Lincoln Park, 600 Jefferson Ave, Row 1 Flr. 1	1	C	Rec.	67	63	64	63	64	56	7
DI-009	King-Lincoln Park, 600 Jefferson Ave, Row 1 Flr. 1	1	C	Rec.	67	65	66	65	65	59	6
DI-010	King-Lincoln Park, 600 Jefferson Ave, Row 1 Flr. 1	1	C	Rec.	67	62	63	62	62	55	7
DI-011	King-Lincoln Park, 600 Jefferson Ave, Row 1 Flr. 1	1	C	Rec.	67	63	64	63	64	56	7
DI-012	King-Lincoln Park, 600 Jefferson Ave, Row 1 Flr. 1	1	C	Rec.	67	64	65	64	65	58	6
DI-013	King-Lincoln Park, 600 Jefferson Ave, Row 1 Flr. 1	1	C	Rec.	67	61	62	61	62	55	7
DI-014	King-Lincoln Park, 600 Jefferson Ave, Row 1 Flr. 1	1	C	Rec.	67	63	64	63	64	56	8
DI-015	King-Lincoln Park, 600 Jefferson Ave, Row 1 Flr. 1	1	C	Rec.	67	63	64	63	64	58	5
DI-016	King-Lincoln Park, 600 Jefferson Ave, Row 1 Flr. 1	1	C	Rec.	67	61	62	61	62	55	7
DI-017	King-Lincoln Park, 600 Jefferson Ave, Row 1 Flr. 1	1	C	Rec.	67	62	63	62	63	55	7
DI-018	King-Lincoln Park, 600 Jefferson Ave, Row 1 Flr. 1	1	C	Rec.	67	61	62	61	62	55	7
DI-019	King-Lincoln Park, 600 Jefferson Ave, Row 1 Flr. 1	1	C	Rec.	67	60	61	60	61	55	6
DI-020	King-Lincoln Park, 600 Jefferson Ave, Row 1 Flr. 1	1	C	Rec.	67	60	61	60	61	54	6
DI-021	King-Lincoln Park, 600 Jefferson Ave, Row 1 Flr. 1	1	C	Rec.	67	58	59	59	59	54	5
DJ-001	530 14th St, Row 1 Flr. 1	2	B	Res.	67	67	68	68	67	58	9
DJ-002	530 14th St, Row 1 Flr. 1	2	B	Res.	67	67	68	68	67	58	8
DJ-003	532 14th St, Row 1 Flr. 1	2	B	Res.	67	65	66	66	65	57	7
DJ-004	532 14th St, Row 1 Flr. 1	2	B	Res.	67	66	67	67	66	58	8
DJ-005	534 14th St, Row 1 Flr. 1	2	B	Res.	67	65	66	66	64	57	7
DJ-006	534 14th St, Row 1 Flr. 1	2	B	Res.	67	65	66	67	65	57	8
DJ-007	542 14th St, Row 1 Flr. 1	1	B	Res.	67	64	65	66	64	57	7
DJ-008	537 13th St, Row 1 Flr. 1	2	B	Res.	67	65	66	67	65	57	9
DJ-009	537 13th St, Row 1 Flr. 1	2	B	Res.	67	65	66	67	66	58	8
DJ-010	544 14th St, Row 1 Flr. 1	1	B	Res.	67	64	65	65	63	57	7
DJ-011	541 13th St, Row 1 Flr. 1	2	B	Res.	67	64	65	66	65	56	8
DJ-012	541 13th St, Row 1 Flr. 1	2	B	Res.	67	64	65	66	65	58	8
DJ-013	550 14th St, Row 1 Flr. 1	1	B	Res.	67	62	63	63	63	57	6
DJ-014	549 13th St, Row 1 Flr. 1	1	B	Res.	67	63	64	64	64	58	6

Table C-7 Predicted Noise Levels for I-664 in Newport News

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DJ-015	551 13th St, Row 1 Flr. 1	1	B	Res.	67	63	64	64	63	58	6
DJ-016	555 13th St, Row 1 Flr. 1	1	B	Res.	67	62	63	63	63	58	5
DJ-017	1309 Jefferson Ave, Row 1 Flr. 1	1	D	Int.	52	38	39	39	38	60	3
DK-001	2350 Terminal Ave, Row 1 Flr. 1	8	B	Res.	67	73	74	76	76	63	14
DK-002	2713 Jefferson Ave, Row 1 Flr. 1	14	B	Res.	67	61	61	62	62	62	0
DK-003	2701 Jefferson Ave, Row 1 Flr. 1	12	B	Res.	67	59	60	61	61	61	0
DK-004	2501 Jefferson Ave, Row 1 Flr. 1	30	B	Res.	67	59	60	61	60	60	0
DK-005	2301 Madison Ave, Row 1 Flr. 1	6	B	Res.	67	63	64	65	65	59	5
DK-006	2301 Madison Ave, Row 1 Flr. 1	5	B	Res.	67	62	63	63	62	58	4
DK-007	2301 Madison Ave, Row 2 Flr. 1	6	B	Res.	67	57	58	60	59	57	3
DK-008	2301 Madison Ave, Row 3 Flr. 1	6	B	Res.	67	55	56	57	57	56	2
DK-009	2301 Madison Ave, Row 3 Flr. 1	5	B	Res.	67	57	58	58	58	57	2
DK-010	2301 Madison Ave, Row 1 Flr. 1	6	B	Res.	67	60	61	61	61	59	2
DK-011	John Marshall Elementary School Baseball Field	1	C	Rec.	67	71	72	72	72	62	9
DK-012	John Marshall Elementary School Baseball Field	1	C	Rec.	67	70	71	72	71	62	9
DK-013	John Marshall Elementary School Baseball Field	1	C	Rec.	67	69	71	71	72	63	9
DK-014	John Marshall Elementary School Baseball Field	1	C	Rec.	67	68	69	69	68	61	7
DK-015	John Marshall Elementary School Baseball Field	1	C	Rec.	67	68	69	69	69	62	8
DK-016	John Marshall Elementary School Baseball Field	1	C	Rec.	67	65	66	67	67	61	6
DK-017	John Marshall Elementary School Baseball Field	1	C	Rec.	67	65	66	67	67	61	6
DK-018	John Marshall Elementary School Baseball Field	1	C	Rec.	67	68	69	69	69	62	7
DL-001	Navy Field, 3100 Huntington Ave, Row 1 Flr. 1	1	C	Rec.	67	55	55	56	57	55	2
DL-002	Navy Field, 3100 Huntington Ave, Row 2 Flr. 1	1	C	Rec.	67	54	55	56	56	54	2
DL-003	Navy Field, 3100 Huntington Ave, Row 1 Flr. 1	1	C	Rec.	67	56	56	57	58	55	2
DL-004	Navy Field, 3100 Huntington Ave, Row 2 Flr. 1	1	C	Rec.	67	54	55	55	56	54	2
DL-005	Navy Field, 3100 Huntington Ave, Row 2 Flr. 1	1	C	Rec.	67	55	56	56	57	55	2
DL-006	Navy Field, 3100 Huntington Ave, Row 2 Flr. 1	1	C	Rec.	67	54	54	55	56	54	2
DL-007	Navy Field, 3100 Huntington Ave, Row 1 Flr. 1	1	C	Rec.	67	57	57	58	59	56	3
DL-008	Navy Field, 3100 Huntington Ave, Row 2 Flr. 1	1	C	Rec.	67	54	55	55	56	54	2
DL-009	Navy Field, 3100 Huntington Ave, Row 2 Flr. 1	1	C	Rec.	67	55	56	57	57	55	2
DL-010	Navy Field, 3100 Huntington Ave, Row 2 Flr. 1	1	C	Rec.	67	54	55	55	56	54	3
DL-011	Navy Field, 3100 Huntington Ave, Row 2 Flr. 1	1	C	Rec.	67	54	54	55	55	54	2
DL-012	Navy Field, 3100 Huntington Ave, Row 2 Flr. 1	1	C	Rec.	67	52	53	54	56	52	4
DL-013	Proposed Brennan Pointe Multi-fam., 3100 Warwick Blvd, Row 1 Flr. 1	1	B	Res.	67	54	55	55	56	54	2
DL-014	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 2	1	B	Res.	67	57	58	59	59	56	3

Table C-7 Predicted Noise Levels for I-664 in Newport News

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DL-015	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 3	1	B	Res.	67	60	61	61	61	58	3
DL-016	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 4	1	B	Res.	67	61	62	62	62	59	3
DL-017	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 1	1	B	Res.	67	49	49	49	50	49	2
DL-018	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 2	1	B	Res.	67	50	50	51	52	50	2
DL-019	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 3	1	B	Res.	67	52	52	53	53	52	2
DL-020	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 4	1	B	Res.	67	55	56	57	57	55	2
DL-021	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 1	1	B	Res.	67	48	49	49	49	48	2
DL-022	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 2	1	B	Res.	67	49	50	50	51	49	2
DL-023	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 3	1	B	Res.	67	51	52	52	53	51	2
DL-024	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 4	1	B	Res.	67	55	56	56	57	55	2
DL-025	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 1	1	B	Res.	67	48	48	48	49	47	2
DL-026	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 2	1	B	Res.	67	49	50	50	51	48	2
DL-027	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 3	1	B	Res.	67	51	52	52	53	51	2
DL-028	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 4	1	B	Res.	67	56	56	57	57	55	2
DL-029	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 1	1	B	Res.	67	60	61	61	62	56	6
DL-030	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 2	1	B	Res.	67	64	65	65	66	58	8
DL-031	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 3	1	B	Res.	67	66	67	67	68	60	8
DL-032	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 4	1	B	Res.	67	67	68	68	68	61	7
DL-033	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 1	1	B	Res.	67	47	48	48	49	46	2
DL-034	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 2	1	B	Res.	67	49	50	50	50	48	2
DL-035	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 3	1	B	Res.	67	51	52	52	52	50	2
DL-036	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 4	1	B	Res.	67	56	57	57	58	56	2
DL-037	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 1	1	B	Res.	67	60	61	61	62	56	6
DL-038	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 2	1	B	Res.	67	64	65	65	66	58	8
DL-039	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 3	1	B	Res.	67	66	67	67	68	59	8
DL-040	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 4	1	B	Res.	67	67	68	68	68	61	7
DL-041	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 1	1	B	Res.	67	52	53	54	56	48	8
DL-042	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 2	1	B	Res.	67	55	56	57	58	50	9
DL-043	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 3	1	B	Res.	67	58	59	59	60	52	8
DL-044	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 4	1	B	Res.	67	60	61	61	62	57	5
DL-045	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 1	1	B	Res.	67	60	61	61	62	56	6
DL-046	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 2	1	B	Res.	67	64	65	65	66	58	9
DL-047	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 3	1	B	Res.	67	66	67	67	68	59	9
DL-048	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 4	1	B	Res.	67	67	68	68	68	61	7
DL-049	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 1	1	B	Res.	67	60	61	62	62	56	6

Table C-7 Predicted Noise Levels for I-664 in Newport News

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		IL
									No-Barrier	With-Barrier	
DL-050	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 2	1	B	Res.	67	64	65	66	66	57	9
DL-051	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 3	1	B	Res.	67	66	67	67	68	58	9
DL-052	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 4	1	B	Res.	67	67	68	68	68	61	7
DL-053	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 1	1	B	Res.	67	60	61	61	62	55	7
DL-054	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 2	1	B	Res.	67	64	65	66	66	56	10
DL-055	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 3	1	B	Res.	67	66	67	67	68	58	10
DL-056	Proposed Brennan Pointe Multi-fam., Row 1 Flr. 4	1	B	Res.	67	67	67	68	68	61	8
DL-057	Juvenile Detention Rec Area, 300 25th St N, Row 1 Flr.	1	C	Rec.	67	54	55	56	57	NA	NA
DL-058	Juvenile Detention Rec Area, 300 25th St N, Row 1 Flr.	1	C	Rec.	67	52	53	53	53	NA	NA
DL-059	Juvenile Detention, 300 25th St, Row 1 Flr. 1	1	D	Int.	52	33	34	35	36	NA	NA
DM-001	618 36th St, Row 2 Flr. 1	1	B	Res.	67	63	64	66	66	56	10
DM-002	610 35th St, Row 2 Flr. 1	1	B	Res.	67	62	63	64	66	60	6
DM-003	620 36th St, Row 2 Flr. 1	1	B	Res.	67	62	63	64	65	55	10
DM-004	619 35th St, Row 2 Flr. 1	1	B	Res.	67	62	63	65	64	54	10
DM-005	612 35th St, Row 2 Flr. 1	1	B	Res.	67	60	61	62	64	59	5
DM-006	624 36th St, Row 2 Flr. 1	1	B	Res.	67	60	61	62	63	54	10
DM-007	616 35th St, Row 2 Flr. 1	1	B	Res.	67	60	61	61	63	58	5
DM-008	625 35th St, Row 2 Flr. 1	1	B	Res.	67	62	63	65	64	54	11
DM-009	618 35th St, Row 2 Flr. 1	1	B	Res.	67	59	60	61	63	58	5
DM-010	629 35th St, Row 2 Flr. 1	1	B	Res.	67	62	63	64	64	53	11
DM-011	630 36th St, Row 2 Flr. 1	1	B	Res.	67	60	61	62	63	54	10
DM-012	731 36th St, Row 1 Flr. 1	10	B	Res.	67	65	66	68	67	53	13
DM-013	622 35th St, Row 2 Flr. 1	1	B	Res.	67	59	60	61	62	57	5
DM-014	631 35th St, Row 3 Flr. 1	1	B	Res.	67	62	63	64	64	53	11
DM-015	619 34th St, Row 2 Flr. 1	1	B	Res.	67	60	61	62	64	57	7
DM-016	634 36th St, Row 2 Flr. 1	1	B	Res.	67	60	61	62	63	54	10
DM-017	633 35th St, Row 3 Flr. 1	1	B	Res.	67	62	63	64	64	53	11
DM-018	624 35th St, Row 3 Flr. 1	1	B	Res.	67	59	60	60	62	56	6
DM-019	621 34th St, Row 2 Flr. 1	1	B	Res.	67	60	61	61	63	57	7
DM-020	636 36th St, Row 2 Flr. 1	1	B	Res.	67	59	60	61	62	52	10
DM-021	635 35th St, Row 3 Flr. 1	1	B	Res.	67	61	62	63	63	52	11
DM-022	628 35th St, Row 3 Flr. 1	1	B	Res.	67	58	59	60	61	56	6
DM-023	731 36th St, Row 1 Flr. 1	10	B	Res.	67	65	66	67	66	53	14
DM-024	627 34th St, Row 3 Flr. 1	1	B	Res.	67	60	61	61	63	56	7
DM-025	637 35th St, Row 3 Flr. 1	1	B	Res.	67	61	62	63	63	52	11

Table C-7 Predicted Noise Levels for I-664 in Newport News

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DM-026	632 35th St, Row 3 Flr. 1	1	B	Res.	67	58	59	59	61	55	6
DM-027	642 36th St, Row 2 Flr. 1	1	B	Res.	67	59	60	60	62	52	10
DM-028	610 33Rd St, Row 1 Flr. 1	1	B	Res.	67	59	60	60	61	61	1
DM-029	619 33Rd St, Row 2 Flr. 1	1	B	Res.	67	56	57	57	58	56	2
DM-030	612 33Rd St, Row 1 Flr. 1	1	B	Res.	67	58	59	59	60	60	1
DM-031	641 35th St, Row 3 Flr. 1	1	B	Res.	67	61	62	62	63	52	11
DM-032	634 35th St, Row 3 Flr. 1	1	B	Res.	67	58	59	59	61	55	6
DM-033	646 36th St, Row 2 Flr. 1	1	B	Res.	67	59	60	60	62	52	10
DM-034	626 34th St, Row 2 Flr. 1	1	B	Res.	67	59	60	60	62	57	5
DM-035	731 36th St, Row 1 Flr. 1	8	B	Res.	67	65	66	67	66	53	13
DM-036	645 35th St, Row 3 Flr. 1	1	B	Res.	67	61	62	62	63	52	12
DM-037	623 33Rd St, Row 3 Flr. 1	1	B	Res.	67	57	58	58	59	56	3
DM-038	638 35th St, Row 3 Flr. 1	1	B	Res.	67	57	58	58	60	54	6
DM-039	648 36th St, Row 2 Flr. 1	1	B	Res.	67	58	59	60	62	51	11
DM-040	628 34th St, Row 3 Flr. 1	1	B	Res.	67	59	60	60	62	57	4
DM-041	731 36th St, Row 1 Flr. 1	6	B	Res.	67	61	62	63	62	49	13
DM-042	649 35th St, Row 3 Flr. 1	1	B	Res.	67	61	62	62	63	52	11
DM-043	642 35th St, Row 4 Flr. 1	1	B	Res.	67	57	58	58	60	54	6
DM-044	637 34th St, Row 4 Flr. 1	1	B	Res.	67	59	60	60	61	55	7
DM-045	650 36th St, Row 2 Flr. 1	1	B	Res.	67	58	59	60	61	51	11
DM-046	629 33Rd St, Row 3 Flr. 1	1	B	Res.	67	57	58	58	60	56	5
DM-047	632 34th St, Row 3 Flr. 1	1	B	Res.	67	58	59	59	61	57	4
DM-048	644 35th St, Row 4 Flr. 1	1	B	Res.	67	57	58	59	60	54	6
DM-049	651 35th St, Row 3 Flr. 1	1	B	Res.	67	61	62	62	63	51	12
DM-050	654 36th St, Row 2 Flr. 1	1	B	Res.	67	59	60	61	62	51	11
DM-051	643 34th St, Row 4 Flr. 1	1	B	Res.	67	59	60	60	61	55	7
DM-052	655 35th St, Row 3 Flr. 1	1	B	Res.	67	61	62	62	63	51	12
DM-053	646 35th St, Row 4 Flr. 1	1	B	Res.	67	57	58	58	60	54	6
DM-054	3515 Madison Ave, Row 2 Flr. 1	1	B	Res.	67	61	62	62	63	50	13
DM-055	647 34th St, Row 4 Flr. 1	1	B	Res.	67	59	60	60	61	55	7
DM-056	657 35th St, Row 3 Flr. 1	1	B	Res.	67	60	61	62	63	51	12
DM-057	731 36th St, Row 1 Flr. 1	8	B	Res.	67	65	66	67	66	53	13
DM-058	3513 Madison Ave, Row 2 Flr. 1	1	B	Res.	67	59	60	61	61	51	11
DM-059	3511 Madison Ave, Row 2 Flr. 1	1	B	Res.	67	59	60	61	62	51	11
DM-060	650 35th St, Row 4 Flr. 1	1	B	Res.	67	57	58	59	60	53	7

Table C-7 Predicted Noise Levels for I-664 in Newport News

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DM-061	3501 Madison Ave, Row 3 Flr. 1	1	B	Res.	67	60	61	62	62	51	11
DM-062	731 36th St, Row 1 Flr. 1	6	B	Res.	67	60	61	62	61	50	11
DM-063	731 36th St, Row 1 Flr. 1	8	B	Res.	67	59	60	61	60	48	12
DM-064	731 36th St, Row 1 Flr. 1	10	B	Res.	67	65	66	66	66	53	13
DM-065	35th St, Row 2 Flr. 1	2	B	Res.	67	60	61	62	62	51	11
DM-066	35th St, Row 2 Flr. 1	2	B	Res.	67	59	61	61	61	52	10
DM-067	731 36th St, Row 1 Flr. 1	8	B	Res.	67	51	52	52	52	45	7
DM-068	35th St, Row 2 Flr. 1	8	B	Res.	67	59	60	60	61	50	11
DM-069	731 36th St, Row 1 Flr. 1	12	B	Res.	67	64	65	66	66	53	12
DM-070	731 36th St, Row 1 Flr. 1	1	B	Res.	67	65	66	67	66	54	12
DM-071	35th St, Row 2 Flr. 1	8	B	Res.	67	56	57	58	59	47	12
DM-072	731 36th St, Row 1 Flr. 1	16	B	Res.	67	65	66	67	66	54	12
DM-073	35th St, Row 2 Flr. 1	8	B	Res.	67	58	59	60	60	48	12
DM-074	731 36th St, Row 1 Flr. 1	8	B	Res.	67	62	63	64	63	50	12
DM-075	731 36th St, Row 1 Flr. 1	6	B	Res.	67	65	66	66	66	54	12
DM-076	35th St, Row 2 Flr. 1	8	B	Res.	67	57	58	59	59	47	12
DM-077	731 36th St, Row 1 Flr. 1	4	B	Res.	67	58	59	59	59	47	11
DM-078	731 36th St, Row 1 Flr. 1	8	B	Res.	67	55	56	56	57	47	10
DM-079	35th St, Row 2 Flr. 1	8	B	Res.	67	56	57	58	58	47	12
DM-080	731 36th St, Row 1 Flr. 1	16	B	Res.	67	64	65	65	65	54	11
DM-081	731 36th St, Row 1 Flr. 1	4	B	Res.	67	58	59	60	60	48	11
DM-082	35th St, Row 2 Flr. 1	8	B	Res.	67	55	56	57	57	46	11
DM-083	35th St, Row 2 Flr. 1	2	B	Res.	67	58	59	60	60	48	12
DM-084	35th St, Row 2 Flr. 1	2	B	Res.	67	57	58	58	58	48	10
DN-001	731 36th St, Row 1 Flr. 1	16	B	Res.	67	62	63	63	62	50	12
DN-002	731 36th St, Row 1 Flr. 1	8	B	Res.	67	61	62	61	62	49	13
DN-003	731 36th St, Row 1 Flr. 1	4	B	Res.	67	63	64	64	65	53	12
DN-004	731 36th St, Row 1 Flr. 1	4	B	Res.	67	58	59	58	59	46	12
DN-005	731 36th St, Row 1 Flr. 1	8	B	Res.	67	59	60	60	61	49	11
DN-006	731 36th St, Row 1 Flr. 1	4	B	Res.	67	57	58	58	58	48	11
DN-007	731 36th St, Row 1 Flr. 1	8	B	Res.	67	61	63	62	63	51	12
DN-008	731 36th St, Row 1 Flr. 1	4	B	Res.	67	59	60	59	60	48	12
DN-009	731 36th St, Row 1 Flr. 1	8	B	Res.	67	61	63	62	63	51	12
DN-010	731 36th St, Row 1 Flr. 1	4	B	Res.	67	59	60	59	59	48	12
DN-011	731 36th St, Row 1 Flr. 1	8	B	Res.	67	61	62	62	62	51	11

Table C-7 Predicted Noise Levels for I-664 in Newport News

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DN-012	731 36th St, Row 1 Flr. 1	4	B	Res.	67	58	59	58	58	48	10
DN-013	935 37th St, Row 2 Flr. 1	2	B	Res.	67	55	56	58	58	47	11
DN-014	935 37th St, Row 2 Flr. 1	2	B	Res.	67	50	51	52	52	44	8
DN-015	935 37th St, Row 2 Flr. 1	2	B	Res.	67	48	49	49	50	43	7
DN-016	731 36th St, Row 2 Flr. 1	4	B	Res.	67	55	56	56	56	49	8
DN-017	935 37th St, Row 2 Flr. 1	2	B	Res.	67	49	50	50	51	46	4
DN-018	935 37th St, Row 2 Flr. 1	2	B	Res.	67	53	54	54	54	48	6
DN-019	731 36th St, Row 2 Flr. 1	4	B	Res.	67	57	58	59	59	50	10
DN-020	901 37th St, Row 2 Flr. 1	1	B	Res.	67	52	53	53	54	45	8
DN-021	903 37th St, Row 2 Flr. 1	1	B	Res.	67	52	54	54	54	46	8
DN-022	905 37th St, Row 2 Flr. 1	1	B	Res.	67	60	61	61	61	51	10
DN-023	900 37th St, Row 3 Flr. 1	1	B	Res.	67	50	51	51	52	46	6
DN-024	907 37th St, Row 2 Flr. 1	1	B	Res.	67	60	61	61	61	52	9
DN-025	902 37th St, Row 3 Flr. 1	1	B	Res.	67	51	52	52	52	46	6
DN-026	909 37th St, Row 2 Flr. 1	1	B	Res.	67	60	61	61	62	52	10
DN-027	904 37th St, Row 3 Flr. 1	1	B	Res.	67	51	52	52	52	46	7
DN-028	911 37th St, Row 2 Flr. 1	1	B	Res.	67	60	61	62	62	52	10
DN-029	906 37th St, Row 3 Flr. 1	1	B	Res.	67	52	53	54	54	46	8
DN-030	913 37th St, Row 2 Flr. 1	1	B	Res.	67	61	62	62	62	52	10
DN-031	908 37th St, Row 3 Flr. 1	1	B	Res.	67	51	52	52	53	46	7
DN-032	915 37th St, Row 2 Flr. 1	1	B	Res.	67	61	62	62	62	53	10
DN-033	910 37th St, Row 3 Flr. 1	1	B	Res.	67	52	53	53	53	46	7
DN-034	917 37th St, Row 2 Flr. 1	1	B	Res.	67	61	62	62	62	53	10
DN-035	3812 Orcutt Ave, Row 1 Flr. 1	1	B	Res.	67	69	70	69	70	66	4
DN-036	912 37th St, Row 3 Flr. 1	1	B	Res.	67	52	53	53	53	46	7
DN-037	919 37th St, Row 2 Flr. 1	1	B	Res.	67	61	62	62	63	53	10
DN-038	3810 Orcutt Ave, Row 1 Flr. 1	1	B	Res.	67	66	66	66	66	61	5
DN-039	3808 Orcutt Ave, Row 1 Flr. 1	1	B	Res.	67	65	66	65	66	60	6
DN-040	914 37th St, Row 3 Flr. 1	1	B	Res.	67	52	53	53	53	47	7
DN-041	921 37th St, Row 2 Flr. 1	1	B	Res.	67	61	62	62	63	53	10
DN-042	1000 38th St, Row 2 Flr. 1	1	B	Res.	67	63	64	64	64	54	10
DN-043	3802 Orcutt Ave, Row 2 Flr. 1	1	B	Res.	67	65	66	65	66	57	9
DN-044	916 37th St, Row 3 Flr. 1	1	B	Res.	67	52	54	54	54	46	8
DN-045	923 37th St, Row 2 Flr. 1	1	B	Res.	67	61	62	62	63	53	10
DN-046	1012 39th St, Row 1 Flr. 1	1	B	Res.	67	65	66	66	66	61	5

Table C-7 Predicted Noise Levels for I-664 in Newport News

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DN-047	918 37th St, Row 3 Flr. 1	1	B	Res.	67	52	53	53	53	46	7
DN-048	1011 38th St, Row 2 Flr. 1	1	B	Res.	67	65	66	66	66	57	9
DN-049	1018 39th St, Row 1 Flr. 1	1	B	Res.	67	65	66	66	66	61	6
DN-050	920 37th St, Row 3 Flr. 1	1	B	Res.	67	60	61	61	61	52	9
DN-051	1013 38th St, Row 2 Flr. 1	1	B	Res.	67	65	66	66	66	58	9
DN-052	1020 39th St, Row 1 Flr. 1	1	B	Res.	67	65	66	66	66	61	6
DN-053	1001 37th St, Row 3 Flr. 1	1	B	Res.	67	62	63	63	63	53	10
DN-054	1017 38th St, Row 2 Flr. 1	1	B	Res.	67	65	66	66	66	58	9
DN-055	1022 39th St, Row 1 Flr. 1	1	B	Res.	67	65	66	66	67	61	6
DN-056	1024 39th St, Row 1 Flr. 1	1	B	Res.	67	65	66	66	67	61	6
DN-057	1002 37th St, Row 4 Flr. 1	1	B	Res.	67	57	58	58	58	50	8
DN-058	1003 37th St, Row 3 Flr. 1	1	B	Res.	67	62	63	63	63	53	10
DN-059	1026 39th St, Row 1 Flr. 1	1	B	Res.	67	65	66	66	67	61	6
DN-060	1029 38th St, Row 2 Flr. 1	1	B	Res.	67	65	66	66	66	58	8
DN-061	1006 37th St, Row 4 Flr. 1	1	B	Res.	67	55	56	56	56	49	7
DN-062	1046 39th St, Row 1 Flr. 1	1	B	Res.	67	66	67	67	68	62	6
DN-063	1020 38th St, Row 3 Flr. 1	1	B	Res.	67	61	62	62	63	53	9
DN-064	1005 37th St, Row 3 Flr. 1	1	B	Res.	67	61	63	63	63	53	10
DN-065	1033 38th St, Row 2 Flr. 1	1	B	Res.	67	65	66	66	66	58	8
DN-066	1010 37th St, Row 4 Flr. 1	1	B	Res.	67	54	55	56	56	49	7
DN-067	1030 38th St, Row 3 Flr. 1	1	B	Res.	67	60	61	61	61	53	8
DN-068	1035 38th St, Row 2 Flr. 1	1	B	Res.	67	62	63	63	63	56	7
DN-069	1007 37th St, Row 3 Flr. 1	1	B	Res.	67	61	62	62	63	54	9
DN-070	1014 37th St, Row 4 Flr. 1	1	B	Res.	67	54	55	56	56	49	7
DN-071	1047 38th St, Row 2 Flr. 1	1	B	Res.	67	65	66	66	67	59	8
DN-072	1016 37th St, Row 4 Flr. 1	1	B	Res.	67	55	56	56	56	49	7
DN-073	1049 38th St, Row 2 Flr. 1	1	B	Res.	67	65	67	66	67	59	7
DN-074	1036 38th St, Row 3 Flr. 1	1	B	Res.	67	60	61	61	61	54	7
DN-075	1026 37th St, Row 4 Flr. 1	1	B	Res.	67	54	55	56	56	49	7
DN-076	1009 37th St, Row 3 Flr. 1	1	B	Res.	67	61	62	62	63	54	9
DN-077	1028 37th St, Row 4 Flr. 1	1	B	Res.	67	54	55	56	56	49	7
DN-078	1053 38th St, Row 2 Flr. 1	1	B	Res.	67	66	67	67	67	60	7
DN-079	1031 37th St, Row 3 Flr. 1	1	B	Res.	67	61	62	62	63	54	9
DN-080	1030 37th St, Row 4 Flr. 1	1	B	Res.	67	54	55	56	56	49	7
DN-081	1055 38th St, Row 2 Flr. 1	1	B	Res.	67	66	67	67	67	60	7

Table C-7 Predicted Noise Levels for I-664 in Newport News

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DN-082	1033 37th St, Row 3 Flr. 1	1	B	Res.	67	61	63	63	63	54	9
DN-083	1032 37th St, Row 4 Flr. 1	1	B	Res.	67	54	56	56	56	49	7
DN-084	1057 38th St, Row 2 Flr. 1	1	B	Res.	67	66	67	67	67	60	7
DN-085	1035 37th St, Row 3 Flr. 1	1	B	Res.	67	62	63	63	63	54	9
DN-086	1034 37th St, Row 4 Flr. 1	1	B	Res.	67	55	56	56	56	49	7
DN-087	1037 37th St, Row 3 Flr. 1	1	B	Res.	67	62	63	63	63	54	9
DN-088	1039 37th St, Row 3 Flr. 1	1	B	Res.	67	62	63	63	63	55	8
DN-089	1036 37th St, Row 4 Flr. 1	1	B	Res.	67	55	56	56	56	49	7
DN-090	1041 37th St, Row 3 Flr. 1	1	B	Res.	67	62	63	63	63	55	8
DN-091	745 37th St, Row 4 Flr. 1	1	B	Res.	67	55	56	56	56	50	7
DN-092	1043 37th St, Row 3 Flr. 1	1	B	Res.	67	62	63	63	63	55	8
DN-093	1040 37th St, Row 4 Flr. 1	1	B	Res.	67	55	56	56	57	50	6
DN-094	1045 37th St, Row 3 Flr. 1	1	B	Res.	67	62	63	63	63	56	7
DN-095	1042 37th St, Row 4 Flr. 1	1	B	Res.	67	55	56	56	56	51	6
DN-096	1047 37th St, Row 3 Flr. 1	1	B	Res.	67	62	63	63	64	57	7
DN-097	1044 37th St, Row 4 Flr. 1	1	B	Res.	67	55	57	57	57	51	6
DN-098	1046 37th St, Row 4 Flr. 1	1	B	Res.	67	56	57	57	57	52	5
DN-099	3806 Roanoke Ave, Row 1 Flr. 1	1	D	Int.	52	42	43	43	43	63	5
DN-100	3701 Roanoke Ave, Row 3 Flr. 1	1	B	Res.	67	62	64	64	64	59	5
DN-101	1048 37th St, Row 4 Flr. 1	1	B	Res.	67	56	57	57	57	53	4
DN-102	1110 39th St, Row 1 Flr. 1	1	D	Int.	52	43	44	44	45	66	4
DN-103	3611 Roanoke Ave, Row 4 Flr. 1	1	B	Res.	67	61	62	62	62	57	5
DN-104	3609 Roanoke Ave, Row 4 Flr. 1	1	B	Res.	67	56	58	57	58	55	4
DN-105	3802 Roanoke Ave, Row 2 Flr. 1	1	B	Res.	67	65	66	66	66	60	7
DN-106	3607 Roanoke Ave, Row 4 Flr. 1	1	B	Res.	67	57	58	58	59	55	4
DN-107	3800 Roanoke Ave, Row 3 Flr. 1	1	B	Res.	67	64	65	65	66	59	7
DN-108	1118 39th St, Row 1 Flr. 1	1	B	Res.	67	69	70	70	71	67	3
DN-109	1124 39th St, Row 1 Flr. 1	1	B	Res.	67	69	70	70	70	67	3
DN-110	3809 Duke St, Row 2 Flr. 1	1	B	Res.	67	65	66	66	67	59	7
DN-111	3614 Roanoke Ave, Row 4 Flr. 1	1	B	Res.	67	61	62	62	63	58	4
DN-112	3807 Duke St, Row 2 Flr. 1	1	B	Res.	67	65	66	66	66	58	8
DN-113	1130 39th St, Row 1 Flr. 1	1	B	Res.	67	69	69	70	70	67	3
DN-114	3608 Roanoke Ave, Row 4 Flr. 1	1	B	Res.	67	57	58	58	59	55	4
DN-115	1110 37th St, Row 4 Flr. 1	1	B	Res.	67	56	58	58	58	53	5
DN-116	1134 39th St, Row 1 Flr. 1	1	B	Res.	67	69	69	70	70	67	3

Table C-7 Predicted Noise Levels for I-664 in Newport News

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DN-117	1112 37th St, Row 4 Flr. 1	1	B	Res.	67	56	57	57	58	53	5
DN-118	1111 36th St, Row 5 Flr. 1	1	B	Res.	67	59	60	60	60	54	6
DN-119	1114 37th St, Row 4 Flr. 1	1	B	Res.	67	56	57	57	58	53	5
DN-120	1142 39th St, Row 1 Flr. 1	1	B	Res.	67	69	70	70	70	67	3
DN-121	3808 Duke St, Row 2 Flr. 1	1	B	Res.	67	65	66	66	66	59	7
DN-122	1116 37th St, Row 4 Flr. 1	1	B	Res.	67	56	57	57	58	52	5
DN-123	1113 36th St, Row 5 Flr. 1	1	B	Res.	67	57	59	59	59	53	6
DN-124	3806 Duke St, Row 2 Flr. 1	1	B	Res.	67	65	66	66	66	59	7
DN-125	Friendship Baptist Church, 1135 37th St, Row 3 Flr. 1	1	D	Int.	52	39	40	40	40	57	8
DN-126	1144 39th St, Row 1 Flr. 1	1	B	Res.	67	69	70	70	70	67	3
DN-127	1118 37th St, Row 4 Flr. 1	1	B	Res.	67	56	57	57	57	52	5
DN-128	1115 36th St, Row 5 Flr. 1	1	B	Res.	67	59	60	60	60	53	7
DN-129	1120 37th St, Row 4 Flr. 1	1	B	Res.	67	56	57	57	57	52	5
DN-130	1146 39th St, Row 1 Flr. 1	1	B	Res.	67	69	70	70	70	67	3
DN-131	1122 37th St, Row 4 Flr. 1	1	B	Res.	67	56	57	57	57	52	5
DN-132	Friendship Baptist Church Play Area, 1135 37th St, Row 2 Flr. 1	1	C	Rec.	67	64	65	65	65	57	8
DN-133	1121 36th St, Row 5 Flr. 1	1	B	Res.	67	58	59	59	59	53	7
DN-134	1124 37th St, Row 4 Flr. 1	1	B	Res.	67	58	59	59	59	52	7
DN-135	1150 39th St, Row 1 Flr. 1	1	B	Res.	67	69	69	70	70	67	3
DN-136	1126 37th St, Row 4 Flr. 1	1	B	Res.	67	55	56	56	57	52	5
DN-137	1125 36th St, Row 5 Flr. 1	1	B	Res.	67	58	59	59	60	53	7
DN-138	1139 37th St, Row 3 Flr. 1	1	B	Res.	67	63	64	64	64	57	7
DN-139	1152 39th St, Row 1 Flr. 1	1	B	Res.	67	69	70	70	70	67	3
DN-140	1130 37th St, Row 4 Flr. 1	1	B	Res.	67	58	59	59	59	52	7
DN-141	1131 36th St, Row 5 Flr. 1	1	B	Res.	67	59	60	60	61	53	8
DN-142	1139 37th St, Row 2 Flr. 1	1	B	Res.	67	64	65	65	65	58	7
DN-143	1141 37th St, Row 3 Flr. 1	1	B	Res.	67	62	63	63	64	57	7
DN-144	1136 37th St, Row 4 Flr. 1	1	B	Res.	67	59	60	60	60	52	8
DN-145	1133 36th St, Row 5 Flr. 1	1	B	Res.	67	58	59	59	60	53	6
DN-146	1145 37th St, Row 3 Flr. 1	1	B	Res.	67	63	64	64	64	57	7
DN-147	1138 37th St, Row 4 Flr. 1	1	B	Res.	67	59	60	60	60	52	8
DN-148	1135 36th St, Row 5 Flr. 1	1	B	Res.	67	58	59	59	59	53	6
DN-149	1149 37th St, Row 2 Flr. 1	1	B	Res.	67	64	65	65	65	59	7
DN-150	1140 37th St, Row 4 Flr. 1	1	B	Res.	67	56	57	57	57	52	5
DN-151	1147 37th St, Row 3 Flr. 1	1	B	Res.	67	63	64	64	64	57	7

Table C-7 Predicted Noise Levels for I-664 in Newport News

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DN-152	1141 36th St, Row 5 Flr. 1	1	B	Res.	67	58	59	59	59	53	6
DN-153	1142 37th St, Row 4 Flr. 1	1	B	Res.	67	59	60	60	60	53	8
DN-154	3715 Chestnut Ave, Row 2 Flr. 1	1	B	Res.	67	65	66	66	66	61	5
DN-155	3713 Chestnut Ave, Row 2 Flr. 1	1	B	Res.	67	64	65	65	65	60	6
DN-156	1151 37th St, Row 3 Flr. 1	1	B	Res.	67	63	64	64	64	58	6
DN-157	1145 36th St, Row 5 Flr. 1	1	B	Res.	67	58	59	59	59	53	6
DN-158	1146 37th St, Row 4 Flr. 1	1	B	Res.	67	57	58	58	58	53	5
DN-159	3711 Chestnut Ave, Row 2 Flr. 1	1	B	Res.	67	63	64	64	64	59	6
DN-160	3709 Chestnut Ave, Row 3 Flr. 1	1	B	Res.	67	63	64	64	64	58	6
DN-161	1150 37th St, Row 4 Flr. 1	1	B	Res.	67	58	58	58	59	55	3
DN-162	3707 Chestnut Ave, Row 3 Flr. 1	1	B	Res.	67	63	63	63	64	58	6
DN-163	1147 36th St, Row 5 Flr. 1	1	B	Res.	67	58	59	59	59	54	6
DN-164	3705 Chestnut Ave, Row 3 Flr. 1	1	B	Res.	67	62	63	63	63	58	6
DN-165	3703 Chestnut Ave, Row 4 Flr. 1	1	B	Res.	67	62	63	63	63	58	6
DN-166	1154 37th St, Row 4 Flr. 1	1	B	Res.	67	61	62	62	62	56	6
DN-167	3701 Chestnut Ave, Row 4 Flr. 1	1	B	Res.	67	62	63	63	63	58	5
DN-168	1153 36th St, Row 5 Flr. 1	1	B	Res.	67	60	61	61	61	58	3
DN-169	Gethsemane Baptist Christian Academy Playground, 3617 Chestnut Ave, Row 4 Flr. 1	1	C	Rec.	67	62	63	63	63	60	4
DO-001	547 41st St, Row 3 Flr. 1	1	B	Res.	67	58	59	59	59	56	3
DO-002	539 40th St, Row 2 Flr. 1	1	B	Res.	67	59	60	59	60	57	3
DO-003	541 40th St, Row 2 Flr. 1	1	B	Res.	67	59	60	60	60	58	3
DO-004	538 40th St, Row 1 Flr. 1	1	B	Res.	67	57	58	58	59	56	3
DO-005	3908 Hines Ave, Row 1 Flr. 1	1	B	Res.	67	59	60	60	60	58	2
DO-006	546 40th St, Row 1 Flr. 1	1	B	Res.	67	57	58	58	58	56	2
DO-007	552 40th St, Row 1 Flr. 1	1	B	Res.	67	61	62	61	62	60	2
DO-008	556 40th St, Row 1 Flr. 1	1	B	Res.	67	62	63	63	63	61	2
DO-009	614 42nd St, Row 4 Flr. 1	1	B	Res.	67	60	61	61	61	57	4
DO-010	618 42nd St, Row 4 Flr. 1	1	B	Res.	67	60	61	61	61	57	5
DO-011	622 42nd St, Row 4 Flr. 1	1	B	Res.	67	60	61	61	61	57	5
DO-012	626 42nd St, Row 4 Flr. 1	1	B	Res.	67	60	61	61	61	57	5
DO-013	623 41st St, Row 3 Flr. 1	1	B	Res.	67	61	62	62	62	57	5
DO-014	637 42nd St, Row 4 Flr. 1	1	B	Res.	67	59	60	60	61	55	5
DO-015	630 42nd St, Row 4 Flr. 1	1	B	Res.	67	60	61	61	62	57	5
DO-016	639 42nd St, Row 4 Flr. 1	1	B	Res.	67	59	60	60	61	55	6
DO-017	634 42nd St, Row 3 Flr. 1	1	B	Res.	67	60	61	61	62	57	5

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CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DO-018	639 42nd St, Row 4 Flr. 1	1	B	Res.	67	59	60	60	61	55	6
DO-019	621 40th St, Row 1 Flr. 1	1	B	Res.	67	61	62	62	62	58	4
DO-020	641 42nd St, Row 4 Flr. 1	1	B	Res.	67	59	60	60	61	55	6
DO-021	638 42nd St, Row 3 Flr. 1	1	B	Res.	67	60	61	61	62	56	6
DO-022	625 40th St, Row 1 Flr. 1	1	B	Res.	67	61	62	61	62	57	5
DO-023	633 41St St, Row 3 Flr. 1	1	B	Res.	67	61	62	62	62	57	5
DO-024	647 42nd St, Row 4 Flr. 1	1	B	Res.	67	59	60	60	61	55	6
DO-025	642 42nd St, Row 3 Flr. 1	1	B	Res.	67	60	62	62	62	56	6
DO-026	651 42nd St, Row 3 Flr. 1	1	B	Res.	67	59	60	60	61	55	6
DO-027	634 41St St, Row 2 Flr. 1	1	B	Res.	67	62	63	63	63	57	6
DO-028	627 40th St, Row 1 Flr. 1	1	B	Res.	67	61	62	62	62	57	5
DO-029	653 42nd St, Row 3 Flr. 1	1	B	Res.	67	59	60	60	61	55	7
DO-030	655 42nd St, Row 3 Flr. 1	1	B	Res.	67	59	60	61	61	55	6
DO-031	643 41St St, Row 2 Flr. 1	1	B	Res.	67	61	62	63	63	57	6
DO-032	4207 Madison Ave, Row 3 Flr. 1	1	B	Res.	67	59	60	60	61	54	7
DO-033	654 42nd St, Row 2 Flr. 1	1	B	Res.	67	61	62	62	63	56	7
DO-034	4201 Madison Ave, Row 3 Flr. 1	1	B	Res.	67	60	61	61	61	54	7
DO-035	639 40th St, Row 2 Flr. 1	1	B	Res.	67	64	65	65	65	59	6
DO-036	4115 Madison Ave, Row 2 Flr. 1	1	B	Res.	67	60	62	62	62	55	7
DO-037	4107 Madison Ave, Row 2 Flr. 1	1	B	Res.	67	61	62	62	63	56	7
DO-038	647 40th St, Row 2 Flr. 1	1	B	Res.	67	64	65	65	66	59	6
DO-039	4103 Madison Ave, Row 2 Flr. 1	1	B	Res.	67	61	63	63	63	56	7
DO-040	651 40th St, Row 2 Flr. 1	1	B	Res.	67	64	65	66	66	59	7
DO-041	4009 Madison Ave, Row 2 Flr. 1	1	B	Res.	67	63	64	64	65	58	6
DO-042	652 40th St, Row 1 Flr. 1	1	B	Res.	67	66	67	67	67	61	6
DO-043	600 44th St, Row 2 Flr. 1	1	C	Rec.	67	61	62	62	63	55	8
DO-044	4005 Madison Ave, Row 2 Flr. 1	1	B	Res.	67	64	66	66	66	59	7
DO-045	600 44th St, Row 2 Flr. 1	1	C	Rec.	67	61	62	63	63	55	8
DO-046	3909 Madison Ave, Row 1 Flr. 1	1	B	Res.	67	66	67	67	67	63	4
DO-047	600 44th St, Row 2 Flr. 1	1	C	Rec.	67	61	62	62	63	55	8
DO-048	3905 Madison Ave, Row 1 Flr. 1	1	B	Res.	67	66	67	68	67	64	3
DO-049	600 44th St, Row 1 Flr. 1	1	C	Rec.	67	65	66	67	67	57	9
DO-050	600 44th St, Row 1 Flr. 1	1	C	Rec.	67	67	68	68	67	59	8
DO-051	600 44th St, Row 1 Flr. 1	1	C	Rec.	67	66	67	67	67	57	10
DO-052	600 44th St, Row 1 Flr. 1	1	C	Rec.	67	69	70	70	69	61	8

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						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DO-053	600 44th St, Row 1 Flr. 1	1	C	Rec.	67	67	68	69	68	59	9
DO-054	600 44th St, Row 1 Flr. 1	1	C	Rec.	67	66	67	67	67	57	10
DO-055	600 44th St, Row 1 Flr. 1	1	C	Rec.	67	70	71	71	70	61	9
DO-056	600 44th St, Row 1 Flr. 1	1	C	Rec.	67	68	69	69	68	58	9
DO-057	600 44th St, Row 1 Flr. 1	1	C	Rec.	67	66	67	68	67	57	10
DO-058	600 44th St, Row 1 Flr. 1	1	C	Rec.	67	70	71	72	71	61	9
DO-059	600 44th St, Row 1 Flr. 1	1	C	Rec.	67	68	69	69	68	58	10
DO-060	600 44th St, Row 1 Flr. 1	1	C	Rec.	67	69	70	71	69	59	9
DP-001	Newsome Park Elementary School, 4200 Marshall Ave, Row 3 Flr. 1	1	D	Int.	52	32	33	35	35	51	9
DP-002	41St St, Row 2 Flr. 1	4	B	Res.	67	60	61	66	65	56	10
DP-003	800 41St St, Row 1 Flr. 1	1	D	Int.	52	36	37	41	40	56	9
DP-004	808 41St St, Row 1 Flr. 1	1	B	Res.	67	61	62	66	65	57	9
DP-005	41St St, Row 2 Flr. 1	7	B	Res.	67	60	61	66	66	56	10
DP-006	41St St, Row 2 Flr. 1	4	B	Res.	67	53	54	62	62	51	11
DP-007	Newsome Dr, Row 3 Flr. 1	5	B	Res.	67	49	50	54	55	46	9
DP-008	810 41St St, Row 1 Flr. 1	1	B	Res.	67	60	61	66	65	57	8
DP-009	Newsome Dr, Row 2 Flr. 1	4	B	Res.	67	52	53	60	60	49	11
DP-010	812 41St St, Row 1 Flr. 1	1	B	Res.	67	60	61	65	64	56	8
DP-011	Newsome Dr, Row 3 Flr. 1	4	B	Res.	67	49	50	51	52	45	7
DP-012	41St St, Row 2 Flr. 1	7	B	Res.	67	59	60	66	66	56	10
DP-013	814 41St St, Row 1 Flr. 1	1	B	Res.	67	59	60	64	64	56	8
DP-014	Newsome Dr, Row 3 Flr. 1	8	B	Res.	67	52	53	57	57	49	9
DP-015	Newsome Dr, Row 2 Flr. 1	4	B	Res.	67	52	53	57	57	50	7
DP-016	Newsome Dr, Row 4 Flr. 1	4	B	Res.	67	48	49	50	50	46	5
DP-017	Newsome Dr, Row 2 Flr. 1	6	B	Res.	67	54	55	60	60	51	10
DP-018	Newsome Dr, Row 3 Flr. 1	5	B	Res.	67	51	52	57	58	48	10
DP-019	816 41St St, Row 1 Flr. 1	1	B	Res.	67	59	60	64	64	57	8
DP-020	Newsome Dr, Row 5 Flr. 1	4	B	Res.	67	46	47	49	49	43	6
DP-021	Newsome Dr, Row 4 Flr. 1	5	B	Res.	67	49	50	52	52	45	7
DP-022	Newsome Dr, Row 2 Flr. 1	6	B	Res.	67	59	60	66	66	57	10
DP-023	Newsome Dr, Row 3 Flr. 1	7	B	Res.	67	50	51	55	56	48	9
DP-024	Newsome Dr, Row 5 Flr. 1	5	B	Res.	67	47	48	50	50	45	5
DP-025	818 41St St, Row 1 Flr. 1	1	B	Res.	67	59	60	63	64	57	8
DP-026	Newsome Dr, Row 4 Flr. 1	7	B	Res.	67	50	51	55	55	47	8
DP-027	Orcutt Ave, Row 6 Flr. 1	10	B	Res.	67	50	51	52	53	48	4

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CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DP-028	Newsome Dr, Row 4 Flr. 1	4	B	Res.	67	50	51	53	54	48	5
DP-029	820 41St St, Row 1 Flr. 1	1	B	Res.	67	59	60	64	64	57	8
DP-030	Orcutt Ave, Row 6 Flr. 1	3	B	Res.	67	47	48	49	49	46	3
DP-031	Orcutt Ave, Row 6 Flr. 1	2	B	Res.	67	52	53	54	54	50	5
DP-032	Newsome Dr, Row 3 Flr. 1	4	B	Res.	67	51	52	56	56	47	9
DP-033	Newsome Dr, Row 2 Flr. 1	6	B	Res.	67	53	54	60	61	50	10
DP-034	822 41St St, Row 1 Flr. 1	1	B	Res.	67	59	60	64	64	57	7
DP-035	Newsome Dr, Row 5 Flr. 1	5	B	Res.	67	45	46	48	48	43	5
DP-036	Newsome Dr, Row 3 Flr. 1	5	B	Res.	67	46	47	49	49	43	6
DP-037	Orcutt Ave, Row 6 Flr. 1	3	B	Res.	67	51	52	54	54	49	5
DP-038	Orcutt Ave, Row 4 Flr. 1	4	B	Res.	67	49	50	53	53	45	8
DP-039	Newsome Dr, Row 2 Flr. 1	6	B	Res.	67	59	60	66	67	57	11
DP-040	900 41St St, Row 1 Flr. 1	1	B	Res.	67	59	61	64	65	57	7
DP-041	Orcutt Ave, Row 6 Flr. 1	6	B	Res.	67	51	52	54	54	49	5
DP-042	Newsome Dr, Row 5 Flr. 1	6	B	Res.	67	53	54	56	56	50	6
DP-043	Newsome Dr, Row 2 Flr. 1	4	B	Res.	67	56	57	63	64	53	11
DP-044	Newsome Dr, Row 3 Flr. 1	5	B	Res.	67	54	55	59	60	50	9
DP-045	902 41St St, Row 1 Flr. 1	1	B	Res.	67	60	61	65	65	57	8
DP-046	Orcutt Ave, Row 4 Flr. 1	6	B	Res.	67	49	50	53	53	46	7
DP-047	Orcutt Ave, Row 3 Flr. 1	6	B	Res.	67	52	53	57	58	49	9
DP-048	Newsome Dr, Row 5 Flr. 1	4	B	Res.	67	53	55	57	57	51	7
DP-049	904 41St St, Row 1 Flr. 1	1	B	Res.	67	60	61	66	66	58	8
DP-050	41St St, Row 2 Flr. 1	4	B	Res.	67	56	57	63	64	52	12
DP-051	41St St, Row 2 Flr. 1	7	B	Res.	67	59	60	66	67	57	10
DP-052	Orcutt Ave, Row 4 Flr. 1	6	B	Res.	67	55	56	59	59	52	8
DP-053	906 41St St, Row 1 Flr. 1	1	B	Res.	67	60	61	66	67	58	9
DP-054	Orcutt Ave, Row 3 Flr. 1	6	B	Res.	67	57	58	62	63	54	9
DP-055	4310 Orcutt Ave, Row 5 Flr. 1	1	B	Res.	67	53	54	56	56	50	6
DP-056	4308 Orcutt Ave, Row 5 Flr. 1	1	B	Res.	67	52	53	55	55	50	6
DP-057	4304 Orcutt Ave, Row 5 Flr. 1	1	B	Res.	67	52	53	54	55	49	6
DP-058	Orcutt Ave, Row 3 Flr. 1	6	B	Res.	67	58	59	63	63	54	9
DP-059	908 41St St, Row 1 Flr. 1	1	B	Res.	67	60	61	67	67	58	9
DP-060	4300 Orcutt Ave, Row 5 Flr. 1	1	B	Res.	67	54	55	57	58	51	7
DP-061	41St St, Row 2 Flr. 1	7	B	Res.	67	59	60	66	67	58	9
DP-062	1010 44th St, Row 5 Flr. 1	1	B	Res.	67	53	54	56	56	50	6

Table C-7 Predicted Noise Levels for I-664 in Newport News

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DP-063	Orcutt Ave, Row 2 Flr. 1	3	B	Res.	67	59	60	65	66	56	10
DP-064	4210 Orcutt Ave, Row 4 Flr. 1	1	B	Res.	67	55	56	59	59	52	7
DP-065	1013 43Rd St, Row 5 Flr. 1	1	B	Res.	67	51	52	54	54	48	6
DP-066	4208 Orcutt Ave, Row 4 Flr. 1	1	B	Res.	67	57	58	61	62	54	8
DP-067	910 41St St, Row 1 Flr. 1	1	B	Res.	67	60	62	67	67	58	9
DP-068	4206 Orcutt Ave, Row 4 Flr. 1	1	B	Res.	67	56	57	61	62	54	8
DP-069	4206 Orcutt Ave, Row 4 Flr. 1	1	B	Res.	67	55	56	60	60	53	8
DP-070	1015 43Rd St, Row 5 Flr. 1	1	B	Res.	67	52	53	55	55	49	6
DP-071	4101 Orcutt Ave, Row 2 Flr. 1	1	B	Res.	67	60	61	67	67	58	10
DP-072	4204 Orcutt Ave, Row 4 Flr. 1	1	B	Res.	67	54	55	58	59	52	7
DP-073	912 41St St, Row 1 Flr. 1	1	B	Res.	67	60	62	67	67	58	9
DP-074	1014 43Rd St, Row 4 Flr. 1	1	B	Res.	67	56	57	60	60	54	7
DP-075	4200 Orcutt Ave, Row 4 Flr. 1	1	B	Res.	67	58	59	63	63	55	9
DP-076	1030 44th St, Row 5 Flr. 1	1	D	Int.	52	28	29	31	32	50	6
DP-077	1023 43Rd St, Row 5 Flr. 1	1	B	Res.	67	51	52	54	55	49	6
DP-078	1018 43Rd St, Row 4 Flr. 1	1	B	Res.	67	56	57	60	60	54	6
DP-079	914 41St St, Row 1 Flr. 1	1	B	Res.	67	61	62	68	70	58	11
DP-080	1011 42nd St, Row 4 Flr. 1	1	B	Res.	67	54	55	58	59	53	6
DP-081	4112 Orcutt Ave, Row 3 Flr. 1	1	B	Res.	67	58	59	64	64	55	9
DP-082	4104 Orcutt Ave, Row 2 Flr. 1	1	B	Res.	67	56	57	62	62	54	8
DP-083	4108 Orcutt Ave, Row 3 Flr. 1	1	B	Res.	67	58	59	64	65	56	9
DP-084	1020 43Rd St, Row 4 Flr. 1	1	B	Res.	67	55	56	60	60	53	7
DP-085	1034 44th St, Row 5 Flr. 1	1	B	Res.	67	53	54	56	57	51	6
DP-086	1001 41St St, Row 2 Flr. 1	1	B	Res.	67	60	61	67	67	58	10
DP-087	4106 Orcutt Ave, Row 2 Flr. 1	1	B	Res.	67	57	58	63	63	55	8
DP-088	1025 43Rd St, Row 5 Flr. 1	1	B	Res.	67	51	52	54	55	49	6
DP-089	1034 44th St, Row 5 Flr. 1	1	B	Res.	67	53	54	56	57	51	6
DP-090	1022 43Rd St, Row 4 Flr. 1	1	B	Res.	67	56	57	60	61	53	7
DP-091	1027 42nd St, Row 4 Flr. 1	1	B	Res.	67	54	55	58	59	52	6
DP-092	1003 41St St, Row 2 Flr. 1	1	B	Res.	67	56	57	62	62	54	8
DP-093	1036 44th St, Row 5 Flr. 1	1	B	Res.	67	53	54	57	57	51	6
DP-094	1016 42nd St, Row 3 Flr. 1	1	B	Res.	67	59	60	65	65	55	10
DP-095	1029 42nd St, Row 3 Flr. 1	1	B	Res.	67	55	56	59	59	52	7
DP-096	1000 41St St, Row 1 Flr. 1	1	B	Res.	67	56	57	64	65	55	10
DP-097	1024 43Rd St, Row 4 Flr. 1	1	B	Res.	67	56	57	60	61	53	7

Table C-7 Predicted Noise Levels for I-664 in Newport News

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DP-098	745 44th St, Row 5 Flr. 1	1	B	Res.	67	53	54	57	57	51	6
DP-099	1033 43Rd St, Row 5 Flr. 1	1	B	Res.	67	52	53	55	55	50	5
DP-100	1031 42nd St, Row 3 Flr. 1	1	B	Res.	67	54	55	58	58	52	6
DP-101	4008 Orcutt Ave, Row 1 Flr. 1	1	B	Res.	67	59	60	68	68	58	11
DP-102	1040 44th St, Row 5 Flr. 1	1	B	Res.	67	54	55	57	57	52	6
DP-103	1013 41St St, Row 2 Flr. 1	1	B	Res.	67	60	61	67	67	58	10
DP-104	1022 42nd St, Row 3 Flr. 1	1	B	Res.	67	59	60	65	65	56	10
DP-105	1035 43Rd St, Row 5 Flr. 1	1	B	Res.	67	52	56	55	55	50	5
DP-106	1026 43Rd St, Row 4 Flr. 1	1	B	Res.	67	56	57	60	61	53	8
DP-107	1033 42nd St, Row 3 Flr. 1	1	B	Res.	67	54	55	58	58	52	7
DP-108	1042 44th St, Row 5 Flr. 1	1	B	Res.	67	54	55	57	58	52	5
DP-109	1024 42nd St, Row 2 Flr. 1	1	B	Res.	67	59	60	65	65	56	10
DP-110	1017 41St St, Row 2 Flr. 1	1	B	Res.	67	60	61	67	67	58	9
DP-111	1033 42nd St, Row 3 Flr. 1	1	B	Res.	67	54	55	58	58	52	7
DP-112	1014 41St St, Row 1 Flr. 1	1	B	Res.	67	60	61	68	69	58	10
DP-113	1032 43Rd St, Row 4 Flr. 1	1	B	Res.	67	56	57	61	61	53	8
DP-114	1017 41St St, Row 2 Flr. 1	1	B	Res.	67	61	62	67	67	58	9
DP-115	1049 43Rd St, Row 5 Flr. 1	1	B	Res.	67	53	54	56	56	52	5
DP-116	1026 42nd St, Row 2 Flr. 1	1	B	Res.	67	59	60	65	65	56	10
DP-117	1019 41St St, Row 2 Flr. 1	1	B	Res.	67	61	62	67	67	58	9
DP-118	1035 42nd St, Row 3 Flr. 1	1	B	Res.	67	54	55	58	58	52	7
DP-119	1016 41St St, Row 1 Flr. 1	1	B	Res.	67	60	61	68	69	59	10
DP-120	1046 43Rd St, Row 4 Flr. 1	1	B	Res.	67	56	58	61	61	54	8
DP-121	1021 41St St, Row 1 Flr. 1	1	B	Res.	67	61	62	67	68	59	9
DP-122	1051 43Rd St, Row 5 Flr. 1	1	B	Res.	67	53	54	56	56	53	4
DP-123	1037 42nd St, Row 3 Flr. 1	1	B	Res.	67	54	55	58	59	52	7
DP-124	1028 42nd St, Row 2 Flr. 1	1	B	Res.	67	59	60	65	65	56	10
DP-125	4315 Roanoke Ave, Row 5 Flr. 1	1	B	Res.	67	57	59	60	60	57	3
DP-126	1048 43Rd St, Row 4 Flr. 1	1	B	Res.	67	56	57	61	61	54	7
DP-127	4309 Roanoke Ave, Row 5 Flr. 1	1	B	Res.	67	58	59	60	60	57	3
DP-128	1039 42nd St, Row 3 Flr. 1	1	B	Res.	67	55	56	59	59	52	6
DP-129	1029 41St St, Row 1 Flr. 1	1	B	Res.	67	61	63	67	68	59	9
DP-130	4307 Roanoke Ave, Row 5 Flr. 1	1	B	Res.	67	58	59	61	61	58	3
DP-131	1041 42nd St, Row 3 Flr. 1	1	B	Res.	67	55	56	58	59	53	6
DP-132	1050 43Rd St, Row 4 Flr. 1	1	B	Res.	67	57	58	61	61	54	7

Table C-7 Predicted Noise Levels for I-664 in Newport News

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DP-133	1036 42nd St, Row 2 Flr. 1	1	B	Res.	67	60	61	65	66	56	10
DP-134	4301 Roanoke Ave, Row 5 Flr. 1	1	B	Res.	67	58	59	61	61	57	4
DP-135	1031 41St St, Row 1 Flr. 1	1	B	Res.	67	62	63	67	68	59	9
DP-136	1043 42nd St, Row 3 Flr. 1	1	B	Res.	67	55	56	59	59	54	6
DP-137	1035 41St St, Row 1 Flr. 1	1	B	Res.	67	62	63	67	68	59	8
DP-138	1040 42nd St, Row 2 Flr. 1	1	B	Res.	67	60	61	65	66	56	10
DP-139	4215 Roanoke Ave, Row 4 Flr. 1	1	D	Int.	52	33	34	36	36	57	3
DP-140	1037 41St St, Row 1 Flr. 1	1	B	Res.	67	62	63	67	68	60	8
DP-141	4209 Roanoke Ave, Row 4 Flr. 1	1	B	Res.	67	58	59	61	61	57	4
DP-142	4314 Roanoke Ave, Row 5 Flr. 1	1	B	Res.	67	56	57	59	59	55	4
DP-143	1042 42nd St, Row 2 Flr. 1	1	B	Res.	67	60	61	65	65	56	10
DP-144	4203 Roanoke Ave, Row 3 Flr. 1	1	B	Res.	67	57	58	60	60	56	4
DP-145	1041 41St St, Row 1 Flr. 1	1	B	Res.	67	62	64	67	68	60	8
DP-146	4310 Roanoke Ave, Row 5 Flr. 1	1	B	Res.	67	57	58	60	60	56	4
DP-147	4308 Roanoke Ave, Row 5 Flr. 1	1	B	Res.	67	58	59	61	61	56	4
DP-148	1041 41St St, Row 1 Flr. 1	1	B	Res.	67	63	64	68	68	60	7
DP-149	4115 Roanoke Ave, Row 2 Flr. 1	1	B	Res.	67	59	60	63	63	58	5
DP-150	4113 Roanoke Ave, Row 2 Flr. 1	1	B	Res.	67	59	60	63	63	58	5
DP-151	1043 41St St, Row 1 Flr. 1	1	B	Res.	67	63	64	68	68	61	7
DP-152	4109 Roanoke Ave, Row 1 Flr. 1	1	B	Res.	67	61	62	66	66	59	7
DP-153	1107 44th St, Row 6 Flr. 1	1	B	Res.	67	55	56	57	57	54	4
DP-154	4101 Roanoke Ave, Row 1 Flr. 1	1	B	Res.	67	63	65	68	68	61	7
DP-155	4202 Roanoke Ave, Row 4 Flr. 1	1	D	Int.	52	33	34	35	36	57	4
DP-156	1109 44th St, Row 6 Flr. 1	1	B	Res.	67	55	56	57	57	54	3
DP-157	1127 43Rd St, Row 5 Flr. 1	1	B	Res.	67	57	58	61	61	55	6
DP-158	1122 44th St, Row 5 Flr. 1	1	B	Res.	67	56	57	59	59	55	4
DP-159	1100 43Rd St, Row 4 Flr. 1	1	B	Res.	67	58	59	61	62	56	6
DP-160	4116 Roanoke Ave, Row 3 Flr. 1	1	B	Res.	67	59	60	63	63	58	5
DP-161	1126 44th St, Row 5 Flr. 1	1	B	Res.	67	56	57	58	59	55	4
DP-162	1111 44th St, Row 6 Flr. 1	1	B	Res.	67	55	56	57	57	54	3
DP-163	1117 42nd St, Row 4 Flr. 1	1	B	Res.	67	56	57	59	59	54	5
DP-164	1124 43Rd St, Row 4 Flr. 1	1	B	Res.	67	57	58	61	61	56	6
DP-165	4114 Roanoke Ave, Row 3 Flr. 1	1	B	Res.	67	60	61	65	65	57	7
DP-166	1128 44th St, Row 5 Flr. 1	1	B	Res.	67	56	57	59	59	55	4
DP-167	4110 Roanoke Ave, Row 2 Flr. 1	1	B	Res.	67	60	61	64	64	58	7

Table C-7 Predicted Noise Levels for I-664 in Newport News

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DP-168	1119 42nd St, Row 4 Flr. 1	1	B	Res.	67	55	56	59	59	54	5
DP-169	1120 43Rd St, Row 4 Flr. 1	1	B	Res.	67	57	58	61	61	55	6
DP-170	4102 Roanoke Ave, Row 2 Flr. 1	1	B	Res.	67	63	64	68	67	60	8
DP-171	1132 44th St, Row 5 Flr. 1	1	B	Res.	67	56	57	58	59	55	3
DP-172	1121 42nd St, Row 4 Flr. 1	1	B	Res.	67	55	56	58	59	54	5
DP-173	1135 43Rd St, Row 5 Flr. 1	1	B	Res.	67	57	58	60	60	55	5
DP-174	1114 42nd St, Row 3 Flr. 1	1	B	Res.	67	60	61	65	65	57	8
DP-175	1128 43Rd St, Row 4 Flr. 1	1	B	Res.	67	58	58	61	61	56	6
DP-176	1125 42nd St, Row 4 Flr. 1	1	B	Res.	67	55	56	59	59	54	5
DP-177	1116 42nd St, Row 3 Flr. 1	1	B	Res.	67	60	61	65	65	57	8
DP-178	4012 Roanoke Ave, Row 1 Flr. 1	1	B	Res.	67	65	66	69	69	61	8
DP-179	1130 43Rd St, Row 4 Flr. 1	1	B	Res.	67	58	58	61	61	56	6
DP-180	1115 41St St, Row 2 Flr. 1	1	B	Res.	67	59	60	63	63	56	7
DP-181	1136 44th St, Row 5 Flr. 1	1	B	Res.	67	56	57	58	59	56	3
DP-182	1139 43Rd St, Row 5 Flr. 1	1	B	Res.	67	54	54	56	56	53	3
DP-183	1129 42nd St, Row 4 Flr. 1	1	B	Res.	67	55	56	59	59	54	5
DP-184	1118 42nd St, Row 3 Flr. 1	1	B	Res.	67	60	61	65	66	57	9
DP-185	1140 44th St, Row 5 Flr. 1	1	B	Res.	67	57	57	58	59	56	3
DP-186	4401 Chestnut Ave, Row 6 Flr. 1	1	D	Int.	52	31	31	32	32	56	2
DP-187	1136 43Rd St, Row 4 Flr. 1	1	B	Res.	67	58	59	61	62	57	5
DP-188	1131 42nd St, Row 4 Flr. 1	1	B	Res.	67	55	56	59	59	54	5
DP-189	1143 43Rd St, Row 5 Flr. 1	1	B	Res.	67	54	54	56	56	53	3
DP-190	1126 42nd St, Row 3 Flr. 1	1	B	Res.	67	60	61	65	66	57	8
DP-191	1114 41St St, Row 1 Flr. 1	1	B	Res.	67	63	64	69	68	59	9
DP-192	1133 42nd St, Row 4 Flr. 1	1	B	Res.	67	55	56	59	59	54	5
DP-193	1128 42nd St, Row 3 Flr. 1	1	B	Res.	67	60	61	65	66	57	8
DP-194	1146 44th St, Row 5 Flr. 1	1	B	Res.	67	57	58	58	59	57	2
DP-195	1135 42nd St, Row 4 Flr. 1	1	B	Res.	67	55	56	58	59	57	6
DP-196	1116 41St St, Row 1 Flr. 1	1	B	Res.	67	62	64	69	69	59	9
DP-197	1138 43Rd St, Row 4 Flr. 1	1	B	Res.	67	58	59	61	62	57	5
DP-198	1147 43Rd St, Row 5 Flr. 1	1	B	Res.	67	58	58	60	60	57	3
DP-199	1132 42nd St, Row 3 Flr. 1	1	B	Res.	67	60	61	65	66	57	8
DP-200	1127 41St St, Row 2 Flr. 1	1	B	Res.	67	58	59	64	64	56	8
DP-201	1137 42nd St, Row 4 Flr. 1	1	B	Res.	67	59	60	63	63	57	6
DP-202	1134 42nd St, Row 3 Flr. 1	1	B	Res.	67	60	61	65	66	58	8

Table C-7 Predicted Noise Levels for I-664 in Newport News

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DP-203	1129 41St St, Row 2 Flr. 1	1	B	Res.	67	59	60	64	64	57	8
DP-204	1149 43Rd St, Row 5 Flr. 1	1	B	Res.	67	58	59	60	61	58	3
DP-205	1152 44th St, Row 5 Flr. 1	1	B	Res.	67	58	59	60	60	58	2
DP-206	1118 41St St, Row 1 Flr. 1	1	B	Res.	67	62	63	69	69	59	10
DP-207	1131 41St St, Row 2 Flr. 1	1	B	Res.	67	58	59	64	64	56	8
DP-208	1139 42nd St, Row 4 Flr. 1	1	B	Res.	67	55	56	58	59	54	5
DP-209	1140 43Rd St, Row 4 Flr. 1	1	B	Res.	67	59	60	62	62	58	4
DP-210	1136 42nd St, Row 3 Flr. 1	1	B	Res.	67	60	61	65	65	58	8
DP-211	1133 41St St, Row 2 Flr. 1	1	B	Res.	67	58	59	64	64	57	7
DP-212	1141 42nd St, Row 4 Flr. 1	1	B	Res.	67	56	57	58	59	55	4
DP-213	1153 43Rd St, Row 5 Flr. 1	1	B	Res.	67	56	57	58	58	56	2
DP-214	1120 41St St, Row 1 Flr. 1	1	B	Res.	67	62	63	68	69	59	10
DP-215	1135 41St St, Row 2 Flr. 1	1	B	Res.	67	58	59	64	64	57	7
DP-216	1143 42nd St, Row 4 Flr. 1	1	B	Res.	67	56	57	59	59	55	4
DP-217	1136 42nd St, Row 3 Flr. 1	1	B	Res.	67	60	61	65	66	58	8
DP-218	4313 Chestnut Ave, Row 5 Flr. 1	1	B	Res.	67	59	59	60	60	59	1
DP-219	1148 43Rd St, Row 4 Flr. 1	1	B	Res.	67	59	60	62	62	58	4
DP-220	1137 41St St, Row 2 Flr. 1	1	B	Res.	67	58	59	64	64	57	7
DP-221	1138 42nd St, Row 3 Flr. 1	1	B	Res.	65.5	60	61	65	66	58	7
DP-222	1139 41St St, Row 2 Flr. 1	1	B	Res.	65.5	58	59	64	64	57	7
DP-223	4305 Chestnut Ave, Row 5 Flr. 1	1	B	Res.	65.5	59	59	60	60	58	2
DP-224	1130 41St St, Row 1 Flr. 1	1	B	Res.	65.5	62	63	68	69	59	10
DP-225	1140 42nd St, Row 3 Flr. 1	1	B	Res.	65.5	60	61	65	65	58	7
DP-226	1150 43Rd St, Row 4 Flr. 1	1	B	Res.	65.5	60	61	62	63	59	4
DP-227	4301 Chestnut Ave, Row 5 Flr. 1	1	B	Res.	65.5	61	62	62	63	61	2
DP-228	1141 41St St, Row 2 Flr. 1	1	B	Res.	65.5	58	59	64	64	57	7
DP-229	1155 42nd St, Row 4 Flr. 1	1	B	Res.	65.5	58	58	60	60	57	3
DP-230	1136 41St St, Row 1 Flr. 1	1	B	Res.	65.5	62	63	68	69	59	9
DP-231	1144 42nd St, Row 3 Flr. 1	1	B	Res.	65.5	61	62	65	66	59	7
DP-232	1143 41St St, Row 2 Flr. 1	1	B	Res.	65.5	59	59	64	64	57	6
DP-233	1157 42nd St, Row 4 Flr. 1	1	B	Res.	65.5	58	59	60	61	58	3
DP-234	1138 41St St, Row 1 Flr. 1	1	B	Res.	65.5	62	63	68	69	59	9
DP-235	1140 41St St, Row 1 Flr. 1	1	B	Res.	65.5	62	63	68	69	60	9
DP-236	1152 42nd St, Row 3 Flr. 1	1	B	Res.	65.5	61	62	65	66	60	6
DP-237	1151 41St St, Row 2 Flr. 1	1	B	Res.	65.5	59	60	64	64	58	6

Table C-7 Predicted Noise Levels for I-664 in Newport News

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DP-238	4205 Chestnut Ave, Row 4 Flr. 1	1	B	Res.	65.5	60	61	62	62	60	2
DP-239	1142 41St St, Row 1 Flr. 1	1	B	Res.	65.5	62	63	68	69	60	9
DP-240	1154 42nd St, Row 3 Flr. 1	1	B	Res.	65.5	62	63	66	66	60	6
DP-241	1144 41St St, Row 1 Flr. 1	1	B	Res.	65.5	62	63	69	69	60	9
DP-242	1155 41St St, Row 2 Flr. 1	1	B	Res.	65.5	60	61	64	64	59	5
DP-243	4109 Chestnut Ave, Row 3 Flr. 1	1	B	Res.	65.5	63	64	65	65	62	3
DP-244	1148 41St St, Row 1 Flr. 1	1	B	Res.	65.5	63	64	69	69	60	8
DP-245	4105 Chestnut Ave, Row 2 Flr. 1	1	B	Res.	65.5	63	64	66	66	63	3
DP-246	4101 Chestnut Ave, Row 2 Flr. 1	1	B	Res.	65.5	65	65	68	68	63	5
DP-247	4015 Chestnut Ave, Row 1 Flr. 1	1	B	Res.	65.5	66	67	70	69	63	6
DP-248	4009 Chestnut Ave, Row 1 Flr. 1	1	B	Res.	65.5	66	67	70	69	63	6
DQ-001	Washington Middle School Baseball Field, 3700 Chestnut Ave, Row 1 Flr. 1	1	C	Rec.	65.5	65	66	66	66	61	5
DQ-002	Washington Middle School Baseball Field	1	C	Rec.	65.5	65	65	66	66	60	5
DQ-003	Washington Middle School Baseball Field	1	C	Rec.	65.5	65	66	66	66	59	7
DQ-004	Washington Middle School Baseball Field	1	C	Rec.	65.5	64	65	65	65	58	7
DQ-005	Booker T Washington Middle School	1	D	Int.	50.5	38	39	39	39	57	7
DQ-006	1213 36th St, Row 1 Flr. 1	1	B	Res.	65.5	62	63	63	63	60	3
DQ-007	1217 36th St, Row 1 Flr. 1	1	B	Res.	65.5	62	63	63	63	60	4
DQ-008	1232 37th St, Row 1 Flr. 1	1	B	Res.	65.5	64	65	65	65	60	5
DQ-009	1221 36th St, Row 1 Flr. 1	1	B	Res.	65.5	62	63	63	64	60	4
DQ-010	1236 37th St, Row 1 Flr. 1	1	B	Res.	65.5	64	65	65	65	60	5
DQ-011	1225 36th St, Row 1 Flr. 1	1	B	Res.	65.5	62	63	63	64	60	4
DQ-012	1240 37th St, Row 1 Flr. 1	1	B	Res.	65.5	65	66	65	66	60	5
DQ-013	1229 36th St, Row 2 Flr. 1	1	B	Res.	65.5	63	64	63	64	59	5
DQ-014	1244 37th St, Row 1 Flr. 1	1	B	Res.	65.5	65	66	65	66	60	6
DQ-015	1220 36th St, Row 2 Flr. 1	1	B	Res.	65.5	58	59	59	60	56	4
DQ-016	1233 36th St, Row 2 Flr. 1	1	B	Res.	65.5	63	64	64	64	59	5
DQ-017	1248 37th St, Row 1 Flr. 1	1	B	Res.	65.5	65	66	65	66	60	6
DQ-018	1237 36th St, Row 2 Flr. 1	1	B	Res.	65.5	63	64	64	64	58	6
DQ-019	1224 36th St, Row 2 Flr. 1	1	B	Res.	65.5	58	59	60	60	56	4
DQ-020	1252 37th St, Row 1 Flr. 1	1	B	Res.	65.5	64	65	65	66	59	7
DQ-021	1239 36th St, Row 2 Flr. 1	1	B	Res.	65.5	63	64	64	64	58	6
DQ-022	1228 36th St, Row 2 Flr. 1	1	B	Res.	65.5	59	60	60	60	57	4
DQ-023	1241 36th St, Row 2 Flr. 1	1	B	Res.	65.5	63	64	64	64	58	6
DQ-024	1256 37th St, Row 1 Flr. 1	1	B	Res.	65.5	64	65	65	66	59	7

Table C-7 Predicted Noise Levels for I-664 in Newport News

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DQ-025	1245 36th St, Row 2 Flr. 1	1	B	Res.	65.5	62	63	63	64	58	6
DQ-026	1232 36th St, Row 3 Flr. 1	1	B	Res.	65.5	59	60	60	60	57	4
DQ-027	1236 36th St, Row 3 Flr. 1	1	B	Res.	65.5	60	61	60	61	57	5
DQ-028	1260 37th St, Row 1 Flr. 1	1	B	Res.	65.5	64	65	65	65	58	7
DQ-029	1253 36th St, Row 2 Flr. 1	1	B	Res.	65.5	61	62	62	63	57	6
DQ-030	1242 36th St, Row 3 Flr. 1	1	B	Res.	65.5	60	61	61	61	56	5
DQ-031	1259 36th St, Row 2 Flr. 1	1	B	Res.	65.5	61	62	62	62	57	5
DQ-032	1246 36th St, Row 3 Flr. 1	1	B	Res.	65.5	60	61	61	61	56	5
DQ-033	1235 35th St, Row 4 Flr. 1	1	B	Res.	65.5	57	58	58	59	56	3
DQ-034	1263 36th St, Row 2 Flr. 1	1	B	Res.	65.5	60	61	61	61	56	5
DQ-035	1250 36th St, Row 3 Flr. 1	1	B	Res.	65.5	60	61	61	61	56	6
DQ-036	1237 35th St, Row 4 Flr. 1	1	B	Res.	65.5	58	59	59	59	55	5
DQ-037	1254 36th St, Row 3 Flr. 1	1	B	Res.	65.5	60	61	61	61	55	6
DQ-038	1237 35th St, Row 4 Flr. 1	1	B	Res.	65.5	57	58	58	58	53	6
DQ-039	1237 35th St, Row 4 Flr. 1	1	B	Res.	65.5	58	59	59	60	54	5
DQ-040	1258 36th St, Row 3 Flr. 1	1	B	Res.	65.5	60	61	61	61	55	6
DQ-041	1241 35th St, Row 4 Flr. 1	1	B	Res.	65.5	58	58	59	59	53	6
DQ-042	1260 36th St, Row 3 Flr. 1	1	B	Res.	65.5	60	61	61	62	55	7
DQ-043	1253 35th St, Row 4 Flr. 1	1	B	Res.	65.5	59	59	59	60	53	7
DQ-044	1259 35th St, Row 4 Flr. 1	1	B	Res.	65.5	58	58	59	59	53	6
DQ-045	3510 Acorn Ave, Row 2 Flr. 1	1	B	Res.	65.5	60	61	61	62	55	6
DQ-046	1261 35th St, Row 4 Flr. 1	1	B	Res.	65.5	59	60	60	60	54	7
DQ-047	3508 Acorn Ave, Row 2 Flr. 1	1	B	Res.	65.5	59	60	60	61	53	8
DQ-048	Greenlawn Memorial Park, 2700 Parish Ave N	1	C	Rec.	65.5	56	57	57	58	52	6
DQ-049	1310 36th St, Row 2 Flr. 1	1	B	Res.	65.5	60	61	61	62	55	7
DQ-050	1301 35th St, Row 3 Flr. 1	1	B	Res.	65.5	60	61	61	61	54	7
DQ-051	1312 36th St, Row 2 Flr. 1	1	B	Res.	65.5	61	62	62	62	54	8
DQ-052	Greenlawn Memorial Park, 2700 Parish Ave N	1	C	Rec.	65.5	57	58	58	58	52	7
DQ-053	1303 35th St, Row 3 Flr. 1	1	B	Res.	65.5	60	61	61	61	54	7
DQ-054	1316 36th St, Row 2 Flr. 1	1	B	Res.	65.5	58	59	59	60	52	8
DQ-055	1320 36th St, Row 2 Flr. 1	1	B	Res.	65.5	62	63	63	64	55	9
DQ-056	Greenlawn Memorial Park, 2700 Parish Ave N	1	C	Rec.	65.5	58	59	58	59	52	7
DQ-057	1309 35th St, Row 3 Flr. 1	1	B	Res.	65.5	60	61	61	61	54	8
DQ-058	1313 35th St, Row 3 Flr. 1	1	B	Res.	65.5	60	60	60	61	53	8
DQ-059	1324 36th St, Row 2 Flr. 1	1	B	Res.	65.5	63	63	63	64	55	9

Table C-7 Predicted Noise Levels for I-664 in Newport News

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		IL
									No-Barrier	With-Barrier	
DQ-060	1324 36th St, Row 2 Flr. 1	1	B	Res.	65.5	63	64	64	64	55	9
DQ-061	Greenlawn Memorial Park, 2700 Parish Ave N	1	C	Rec.	65.5	58	59	59	59	52	7
DQ-062	1319 35th St, Row 3 Flr. 1	1	B	Res.	65.5	60	61	61	61	53	8
DQ-063	Greenlawn Memorial Park, 2700 Parish Ave N	1	C	Rec.	65.5	57	58	58	58	51	7
DQ-064	1321 35th St, Row 3 Flr. 1	1	B	Res.	65.5	63	64	64	65	56	9
DQ-065	Greenlawn Memorial Park, 2700 Parish Ave N	1	C	Rec.	65.5	57	58	58	59	52	7

* Cat. Refers to FHWA Activity Category. Res.= Residential, Rec.= Recreational, Mon.= Noise Monitoring Site, Com.= Commercial, Int.=Interior Institutional

** Red numbers indicate noise impact due to NAC or Substantial Increase in existing noise levels. Some subtractions may appear to be incorrect due to rounding of decibels. NA or 0 indicates receptors not behind barriers, or set back and not impacted where benefits were not determined.

Source: HMMH, 2016

Table C-8 Predicted Noise Levels for I-664 in Hampton

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DQ-066	1310 39th St, Row 1 Flr. 1	1	B	Res.	67	66	67	67	67	62	5
DQ-067	2604 W Pembroke Ave, Row 1 Flr. 1	2	B	Res.	67	67	68	68	69	59	10
DQ-068	2604 W Pembroke Ave, Row 1 Flr. 1	2	B	Res.	67	67	68	68	69	59	10
DQ-069	2604 W Pembroke Ave, Row 1 Flr. 1	2	B	Res.	67	64	66	65	66	63	3
DQ-070	1429 36th St, Row 1 Flr. 1	1	B	Res.	67	65	66	66	66	60	6
DQ-071	2604 W Pembroke Ave, Row 1 Flr. 1	2	B	Res.	67	64	66	65	66	63	3
DQ-072	2602 W Pembroke Ave, Row 1 Flr. 1	1	B	Res.	67	66	67	68	69	58	11
DQ-073	1433 36th St, Row 2 Flr. 1	1	B	Res.	67	65	67	66	67	61	6
DQ-074	2600 W Pembroke Ave, Row 1 Flr. 1	1	B	Res.	67	66	67	68	69	58	11
DQ-075	1426 36th St, Row 2 Flr. 1	1	B	Res.	67	62	63	63	64	55	9
DQ-076	2600 W Pembroke Ave, Row 1 Flr. 1	1	B	Res.	67	66	67	68	69	58	10
DQ-077	1445 36th St, Row 2 Flr. 1	1	B	Res.	67	66	67	67	67	62	5
DQ-078	1430 36th St, Row 2 Flr. 1	1	B	Res.	67	63	64	64	64	56	9
DQ-079	2600 W Pembroke Ave, Row 1 Flr. 1	1	B	Res.	67	64	66	65	66	63	3
DQ-080	1432 36th St, Row 2 Flr. 1	1	B	Res.	67	63	64	64	65	56	9
DQ-081	2600 W Pembroke Ave, Row 1 Flr. 1	1	B	Res.	67	64	66	65	66	63	3
DQ-082	501 Shell Rd, Row 3 Flr. 1	1	B	Res.	67	60	61	61	62	53	9
DQ-083	1434 36th St, Row 2 Flr. 1	1	B	Res.	67	63	64	64	65	57	8
DQ-084	503 Shell Rd, Row 3 Flr. 1	1	B	Res.	67	60	61	62	62	53	9
DQ-085	1436 36th St, Row 2 Flr. 1	1	B	Res.	67	63	64	64	65	57	8
DQ-086	505 Shell Rd, Row 3 Flr. 1	1	B	Res.	67	62	63	63	64	59	5
DQ-087	1438 36th St, Row 2 Flr. 1	1	B	Res.	67	63	65	65	65	58	7
DQ-088	507 Shell Rd, Row 3 Flr. 1	1	B	Res.	67	62	63	63	64	59	5
DQ-089	509 Shell Rd, Row 3 Flr. 1	1	B	Res.	67	60	61	61	62	53	8
DQ-090	511 Shell Rd, Row 3 Flr. 1	1	B	Res.	67	60	61	61	62	53	9
DQ-091	2536 W Pembroke Ave, Row 1 Flr. 1	1	B	Res.	67	65	66	67	68	60	8
DQ-092	Greenlawn Cemetery, 530 Shell Rd, Row 3	1	C	Rec.	67	58	59	59	60	51	9
DQ-093	Greenlawn Cemetery, 530 Shell Rd, Row 3	1	C	Rec.	67	57	58	58	59	51	7
DQ-094	Greenlawn Cemetery, 530 Shell Rd, Row 3	1	C	Rec.	67	57	58	58	59	51	7
DQ-095	Greenlawn Cemetery, 530 Shell Rd, Row 3	1	C	Rec.	67	56	57	57	58	52	6
DQ-096	Greenlawn Cemetery, 530 Shell Rd, Row 3	1	C	Rec.	67	56	57	58	58	52	7
DQ-097	Greenlawn Cemetery, 530 Shell Rd, Row 3	1	C	Rec.	67	56	57	57	58	52	6
DQ-098	531 Shell Rd, Row 2 Flr. 1	1	D	Int.	52	34	35	35	35	56	4
DQ-099	Greenlawn Cemetery, 530 Shell Rd, Row 3	1	C	Rec.	67	56	57	57	57	54	3

Table C-8 Predicted Noise Levels for I-664 in Hampton

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DQ-100	Greenlawn Cemetery, 530 Shell Rd, Row 3	1	C	Rec.	67	57	58	58	58	54	4
DQ-101	Greenlawn Cemetery, 530 Shell Rd, Row 3	1	C	Rec.	67	56	57	57	57	52	5
DQ-102	535 Shell Rd, Row 2 Flr. 1	1	B	Res.	67	57	58	58	59	56	3
DQ-103	Greenlawn Cemetery, 530 Shell Rd, Row 3	1	C	Rec.	67	58	59	58	59	57	3
DQ-104	Greenlawn Cemetery, 530 Shell Rd, Row 3	1	C	Rec.	67	56	57	57	58	54	4
DQ-105	Greenlawn Cemetery, 530 Shell Rd, Row 3	1	C	Rec.	67	56	57	57	58	54	4
DQ-106	Greenlawn Cemetery, 530 Shell Rd, Row 3	1	C	Rec.	67	58	59	60	60	56	4
DQ-107	Greenlawn Cemetery, 530 Shell Rd, Row 3	1	C	Rec.	67	57	58	58	59	56	3
DQ-108	541 Shell Rd, Row 2 Flr. 1	1	B	Res.	67	61	62	62	62	60	2
DQ-109	Greenlawn Cemetery, 530 Shell Rd, Row 3	1	C	Rec.	67	56	57	57	58	55	3
DQ-110	536 Shell Rd, Row 3 Flr. 1	1	B	Res.	67	58	59	59	59	57	2
DQ-111	543 Shell Rd, Row 2 Flr. 1	1	B	Res.	67	63	64	64	64	61	3
DQ-112	538 Shell Rd, Row 3 Flr. 1	1	B	Res.	67	58	59	59	59	57	2
DQ-113	Greenlawn Cemetery, 530 Shell Rd, Row 3	1	C	Rec.	67	57	58	59	59	56	4
DQ-114	Greenlawn Cemetery, 530 Shell Rd, Row 3	1	C	Rec.	67	56	57	58	58	54	4
DQ-115	540 Shell Rd, Row 3 Flr. 1	1	B	Res.	67	58	59	59	60	58	2
DQ-116	542 Shell Rd, Row 3 Flr. 1	1	B	Res.	67	60	61	61	61	58	3
DQ-117	Greenlawn Cemetery, 530 Shell Rd, Row 3	1	C	Rec.	67	57	58	58	59	55	3
DQ-118	544 Shell Rd, Row 3 Flr. 1	1	B	Res.	67	61	62	62	62	59	3
DR-001	120 Old Aberdeen Rd, Row 1 Flr. 1	1	B	Res.	67	64	65	65	66	58	8
DR-002	806 Byrd St, Row 1 Flr. 1	1	B	Res.	67	66	67	68	70	59	12
DR-004	108 Old Aberdeen Rd, Row 2 Flr. 1	1	B	Res.	67	61	62	62	63	58	5
DR-005	108 Old Aberdeen Rd, Row 3 Flr. 1	1	B	Res.	67	61	62	62	62	61	2
DR-006	108 Old Aberdeen Rd, Row 3 Flr. 1	1	B	Res.	67	61	62	62	62	61	1
DR-007	804 Byrd St, Row 1 Flr. 1	1	B	Res.	67	66	67	67	68	58	11
DR-008	108 Old Aberdeen Rd, Row 3 Flr. 1	1	B	Res.	67	61	62	62	62	61	1
DR-009	703 Ellington Ave, Row 1 Flr. 1	1	B	Res.	67	67	68	69	72	59	13
DR-010	701 Ellington Ave, Row 1 Flr. 1	1	B	Res.	67	66	67	68	70	58	12
DR-011	108 Old Aberdeen Rd, Row 3 Flr. 1	1	B	Res.	67	61	62	62	62	61	2
DR-012	108 Old Aberdeen Rd, Row 3 Flr. 1	1	B	Res.	67	61	62	62	62	61	1
DR-013	705 Ellington Ave, Row 1 Flr. 1	1	B	Res.	67	68	69	69	71	60	11
DR-014	108 Old Aberdeen Rd, Row 2 Flr. 1	1	B	Res.	67	61	63	62	63	58	4
DR-015	802 Byrd St, Row 2 Flr. 1	1	B	Res.	67	66	67	67	68	57	10
DR-016	635 Ellington Ave, Row 1 Flr. 1	1	B	Res.	67	64	65	65	65	57	8

Table C-8 Predicted Noise Levels for I-664 in Hampton

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DR-017	108 Old Aberdeen Rd, Row 3 Flr. 1	1	B	Res.	67	61	62	62	62	61	2
DR-018	633 Ellington Ave, Row 1 Flr. 1	1	B	Res.	67	63	64	64	64	57	7
DR-019	108 Old Aberdeen Rd, Row 3 Flr. 1	1	B	Res.	67	61	62	62	62	60	2
DR-020	631 Ellington Ave, Row 2 Flr. 1	1	B	Res.	67	62	63	63	63	57	6
DR-021	108 Old Aberdeen Rd, Row 2 Flr. 1	1	B	Res.	67	61	62	62	62	59	4
DR-022	108 Old Aberdeen Rd, Row 3 Flr. 1	1	B	Res.	67	61	62	62	62	61	2
DR-023	621 Ellington Ave, Row 2 Flr. 1	1	B	Res.	67	61	62	62	63	58	5
DR-024	108 Old Aberdeen Rd, Row 3 Flr. 1	1	B	Res.	67	61	62	62	62	61	2
DR-025	713 Byrd St, Row 1 Flr. 1	1	B	Res.	67	66	67	68	68	58	11
DR-026	108 Old Aberdeen Rd, Row 3 Flr. 1	1	B	Res.	67	61	62	62	62	61	2
DR-027	644 Ellington Ave, Row 2 Flr. 1	1	B	Res.	67	64	65	66	66	57	9
DR-028	648 Ellington Ave, Row 2 Flr. 1	1	B	Res.	67	65	66	66	66	57	9
DR-029	640 Ellington Ave, Row 2 Flr. 1	1	B	Res.	67	63	64	64	65	57	8
DR-030	638 Ellington Ave, Row 2 Flr. 1	1	B	Res.	67	64	65	65	65	61	4
DR-031	632 Ellington Ave, Row 2 Flr. 1	1	B	Res.	67	62	63	64	64	58	5
DR-032	624 Ellington Ave, Row 3 Flr. 1	1	B	Res.	67	63	64	64	64	61	3
DR-033	628 Ellington Ave, Row 3 Flr. 1	1	B	Res.	67	61	62	62	62	57	5
DR-034	622 Ellington Ave, Row 3 Flr. 1	1	B	Res.	67	61	62	62	62	58	4
DR-035	Second Baptist Church, 2355 W Pembroke Ave, Row 1 Flr. 1	1	D	Int.	52	36	37	37	37	36	1
DR-036	618 Ellington Ave, Row 3 Flr. 1	1	B	Res.	67	61	62	61	62	59	3
DR-037	715 Byrd St, Row 1 Flr. 1	1	B	Res.	67	66	67	68	68	57	10
DR-038	711 Birch Ave, Row 1 Flr. 1	1	B	Res.	67	69	70	69	69	58	11
DR-039	709 Birch Ave, Row 1 Flr. 1	1	B	Res.	67	67	68	68	68	58	10
DR-040	641 Birch Ave, Row 2 Flr. 1	1	B	Res.	67	64	65	65	65	60	5
DR-041	637 Birch Ave, Row 3 Flr. 1	1	B	Res.	67	63	64	64	64	59	5
DR-042	633 Birch Ave, Row 3 Flr. 1	1	B	Res.	67	61	62	62	62	58	5
DR-043	631 Birch Ave, Row 3 Flr. 1	1	B	Res.	67	60	61	62	62	56	6
DR-044	717 Byrd St, Row 1 Flr. 1	1	B	Res.	67	65	66	66	66	57	9
DR-045	620 Ellington Ave, Row 3 Flr. 1	1	B	Res.	67	60	61	61	61	59	2
DR-046	627 Birch Ave, Row 3 Flr. 1	1	B	Res.	67	60	61	61	61	56	5
DR-047	629 Birch Ave, Row 3 Flr. 1	1	B	Res.	67	60	61	61	61	56	6
DR-048	635 Birch Ave, Row 3 Flr. 1	1	B	Res.	67	61	62	63	63	57	6
DR-049	728 Birch Ave, Row 1 Flr. 1	1	B	Res.	67	72	73	71	71	60	11

Table C-8 Predicted Noise Levels for I-664 in Hampton

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DR-050	726 Birch Ave, Row 1 Flr. 1	1	B	Res.	67	70	71	69	70	59	11
DR-051	722 Birch Ave, Row 1 Flr. 1	1	B	Res.	67	69	70	68	69	58	10
DR-052	730 Birch Ave, Row 1 Flr. 1	1	B	Res.	67	74	75	72	72	60	12
DR-053	720 Birch Ave, Row 1 Flr. 1	1	B	Res.	67	68	69	68	68	58	10
DR-054	714 Birch Ave, Row 1 Flr. 1	1	B	Res.	67	66	67	66	66	57	10
DR-055	718 Birch Ave, Row 1 Flr. 1	1	B	Res.	67	67	68	67	67	58	10
DR-056	710 Birch Ave, Row 2 Flr. 1	1	B	Res.	67	64	65	65	65	57	8
DR-057	708 Birch Ave, Row 2 Flr. 1	1	B	Res.	67	64	65	64	65	58	7
DR-058	702 Birch Ave, Row 2 Flr. 1	1	B	Res.	67	63	64	63	64	57	7
DR-059	704 Birch Ave, Row 2 Flr. 1	1	B	Res.	67	64	65	64	64	58	6
DR-060	642 Birch Ave, Row 2 Flr. 1	1	B	Res.	67	63	64	63	63	55	8
DR-061	638 Birch Ave, Row 4 Flr. 1	1	B	Res.	67	61	62	62	62	54	8
DR-062	636 Birch Ave, Row 4 Flr. 1	1	B	Res.	67	61	62	61	62	55	7
DR-063	739 Hemlock Ave, Row 1 Flr. 1	1	B	Res.	67	72	73	72	74	60	13
DR-064	634 Birch Ave, Row 4 Flr. 1	1	B	Res.	67	60	61	61	61	55	6
DR-065	628 Birch Ave, Row 4 Flr. 1	1	B	Res.	67	60	61	61	61	57	4
DR-066	729 Hemlock Ave, Row 2 Flr. 1	1	B	Res.	67	69	70	68	69	58	12
DR-067	723 Hemlock Ave, Row 2 Flr. 1	1	B	Res.	67	68	69	67	69	57	11
DR-068	721 Hemlock Ave, Row 2 Flr. 1	1	B	Res.	67	67	68	66	67	56	11
DR-069	733 Hemlock Ave, Row 1 Flr. 1	1	B	Res.	67	71	72	70	71	58	13
DR-070	719 Hemlock Ave, Row 2 Flr. 1	1	B	Res.	67	66	67	66	66	56	11
DR-071	709 Hemlock Ave, Row 3 Flr. 1	1	B	Res.	67	63	64	63	64	55	9
DR-072	713 Hemlock Ave, Row 2 Flr. 1	1	B	Res.	67	64	65	64	65	55	10
DR-073	711 Hemlock Ave, Row 3 Flr. 1	1	B	Res.	67	64	65	64	64	56	9
DR-074	707 Hemlock Ave, Row 3 Flr. 1	1	B	Res.	67	63	64	63	64	56	8
DR-075	703 Hemlock Ave, Row 3 Flr. 1	1	B	Res.	67	63	64	63	63	54	9
DR-076	Park Place Playground, 50th St, Row 1 Flr. 1	1	C	Rec.	67	72	73	73	74	60	14
DR-077	643 Hemlock Ave, Row 3 Flr. 1	1	B	Res.	67	61	62	62	62	54	8
DR-078	639 Hemlock Ave, Row 4 Flr. 1	1	B	Res.	67	59	60	60	60	55	6
DR-079	637 Hemlock Ave, Row 4 Flr. 1	1	B	Res.	67	59	60	59	60	55	5
DR-080	635 Hemlock Ave, Row 4 Flr. 1	1	B	Res.	67	59	60	60	60	56	4
DR-081	643 Hemlock Ave, Row 4 Flr. 1	1	B	Res.	67	60	61	61	61	54	7
DR-082	633 Hemlock Ave, Row 4 Flr. 1	1	B	Res.	67	60	61	60	61	58	3
DR-083	738 Hemlock Ave, Row 1 Flr. 1	1	B	Res.	67	70	71	69	71	58	13

Table C-8 Predicted Noise Levels for I-664 in Hampton

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DR-084	736 Hemlock Ave, Row 1 Flr. 1	1	B	Res.	67	69	70	69	70	57	13
DR-085	732 Hemlock Ave, Row 2 Flr. 1	1	B	Res.	67	67	68	67	68	56	12
DR-086	734 Hemlock Ave, Row 2 Flr. 1	1	B	Res.	67	68	69	68	69	57	12
DR-087	730 Hemlock Ave, Row 3 Flr. 1	1	B	Res.	67	66	67	66	67	56	11
DR-088	726 Hemlock Ave, Row 3 Flr. 1	1	B	Res.	67	65	66	65	66	55	11
DR-089	724 Hemlock Ave, Row 3 Flr. 1	1	B	Res.	67	65	66	65	66	55	11
DR-090	722 Hemlock Ave, Row 3 Flr. 1	1	B	Res.	67	64	65	64	65	55	11
DR-091	Park Place Playground, 50th St, Row 1 Flr. 1	1	C	Rec.	67	72	73	73	74	60	14
DR-092	714 Hemlock Ave, Row 3 Flr. 1	1	B	Res.	67	63	64	63	64	54	11
DR-093	712 Hemlock Ave, Row 4 Flr. 1	1	B	Res.	67	62	63	62	63	54	9
DR-094	718 Hemlock Ave, Row 3 Flr. 1	1	B	Res.	67	64	65	64	65	54	11
DR-095	710 Hemlock Ave, Row 4 Flr. 1	1	B	Res.	67	62	63	62	63	54	9
DR-096	Park Place Playground, 50th St, Row 1 Flr. 1	1	C	Rec.	67	70	71	70	71	58	13
DR-097	704 Hemlock Ave, Row 4 Flr. 1	1	B	Res.	67	61	62	61	62	53	9
DR-098	706 Hemlock Ave, Row 4 Flr. 1	1	B	Res.	67	61	62	61	62	53	9
DR-099	702 Hemlock Ave, Row 4 Flr. 1	1	B	Res.	67	61	62	61	62	53	9
DR-100	642 Hemlock Ave, Row 5 Flr. 1	1	B	Res.	67	59	60	59	60	54	6
DR-101	648 Hemlock Ave, Row 4 Flr. 1	1	B	Res.	67	60	61	60	61	54	7
DR-102	636 Hemlock Ave, Row 5 Flr. 1	1	B	Res.	67	59	60	59	60	56	4
DR-103	Park Place Playground, 50th St, Row 1 Flr. 1	1	C	Rec.	67	72	73	73	74	60	14
DR-104	739 Childs Ave, Row 1 Flr. 1	1	B	Res.	67	67	68	67	68	56	12
DR-105	Park Place Playground, 50th St, Row 1 Flr. 1	1	C	Rec.	67	70	71	70	71	58	13
DR-106	727 Childs Ave, Row 3 Flr. 1	1	B	Res.	67	63	64	63	64	54	10
DR-107	737 Childs Ave, Row 1 Flr. 1	1	B	Res.	67	66	67	66	67	55	12
DR-108	725 Childs Ave, Row 3 Flr. 1	1	B	Res.	67	62	63	62	64	54	10
DR-109	723 Childs Ave, Row 4 Flr. 1	1	B	Res.	67	62	63	62	63	54	10
DR-110	735 Childs Ave, Row 2 Flr. 1	1	B	Res.	67	65	66	65	66	55	11
DR-111	Park Place Playground, 50th St, Row 1 Flr. 1	1	C	Rec.	67	68	69	68	69	57	12
DR-112	733 Childs Ave, Row 2 Flr. 1	1	B	Res.	67	64	65	64	66	55	11
DR-113	715 Childs Ave, Row 4 Flr. 1	1	B	Res.	67	60	61	61	62	53	9
DR-114	721 Childs Ave, Row 4 Flr. 1	1	B	Res.	67	62	62	62	63	53	10
DR-115	717 Childs Ave, Row 4 Flr. 1	1	B	Res.	67	61	62	61	62	53	10
DR-116	705 Childs Ave, Row 4 Flr. 1	1	B	Res.	67	59	60	59	60	53	8
DR-117	703 Childs Ave, Row 4 Flr. 1	1	B	Res.	67	59	60	59	60	53	7

Table C-8 Predicted Noise Levels for I-664 in Hampton

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DR-118	701 Childs Ave, Row 4 Flr. 1	1	B	Res.	67	59	60	59	60	53	7
DR-119	711 Childs Ave, Row 4 Flr. 1	1	B	Res.	67	60	61	60	61	52	9
DR-120	Bench, 814 Childs Ave, Row 1 Flr. 1	1	E	Com.	72	71	72	72	72	59	14
DR-121	740 Childs Ave, Row 1 Flr. 1	1	B	Res.	67	64	65	64	65	56	9
DR-122	738 Childs Ave, Row 2 Flr. 1	1	B	Res.	67	63	63	63	64	55	9
DR-123	734 Childs Ave, Row 2 Flr. 1	1	B	Res.	67	62	63	63	64	55	8
DR-124	732 Childs Ave, Row 3 Flr. 1	1	B	Res.	67	61	62	62	63	55	8
DR-125	730 Childs Ave, Row 3 Flr. 1	1	B	Res.	67	61	62	62	63	54	9
DR-126	720 Childs Ave, Row 5 Flr. 1	1	B	Res.	67	60	61	60	61	53	9
DR-127	726 Childs Ave, Row 5 Flr. 1	1	B	Res.	67	60	61	61	62	53	9
DR-128	718 Childs Ave, Row 5 Flr. 1	1	B	Res.	67	59	60	60	61	52	9
DR-129	716 Childs Ave, Row 5 Flr. 1	1	B	Res.	67	59	60	59	61	53	8
DR-130	714 Childs Ave, Row 5 Flr. 1	1	B	Res.	67	58	59	59	60	52	8
DR-131	712 Childs Ave, Row 5 Flr. 1	1	B	Res.	67	58	59	59	60	52	8
DR-132	708 Childs Ave, Row 5 Flr. 1	1	B	Res.	67	58	59	58	60	53	7
DR-133	706 Childs Ave, Row 5 Flr. 1	1	B	Res.	67	57	58	58	59	52	8
DR-134	702 Childs Ave, Row 5 Flr. 1	1	B	Res.	67	57	58	58	59	53	6
DR-135	735 Spruce Ave, Row 2 Flr. 1	1	B	Res.	67	60	61	60	62	56	6
DR-136	731 Spruce Ave, Row 3 Flr. 1	1	B	Res.	67	58	59	59	60	55	6
DR-137	733 Spruce Ave, Row 3 Flr. 1	1	B	Res.	67	59	60	60	61	55	6
DR-138	723 Spruce Ave, Row 3 Flr. 1	1	B	Res.	67	57	58	58	59	54	6
DR-139	725 Spruce Ave, Row 3 Flr. 1	1	B	Res.	67	57	58	58	59	53	6
DR-140	711 Spruce Ave, Row 5 Flr. 1	1	D	Int.	52	30	31	32	33	53	5
DR-141	738 Spruce Ave, Row 3 Flr. 1	1	B	Res.	67	57	58	58	59	56	3
DR-142	730 Spruce Ave, Row 4 Flr. 1	1	B	Res.	67	55	56	56	58	54	4
DR-143	726 Spruce Ave, Row 4 Flr. 1	1	B	Res.	67	56	57	56	58	54	4
DR-144	722 Spruce Ave, Row 5 Flr. 1	1	B	Res.	67	55	56	57	58	53	4
DR-145	728 Spruce Ave, Row 4 Flr. 1	1	B	Res.	67	56	57	57	58	54	4
DR-146	724 Spruce Ave, Row 5 Flr. 1	1	B	Res.	67	56	57	57	58	54	4
DR-147	720 Spruce Ave, Row 5 Flr. 1	1	B	Res.	67	56	57	57	58	53	5
DR-148	716 Spruce Ave, Row 5 Flr. 1	1	B	Res.	67	56	57	56	58	53	5
DR-149	712 Spruce Ave, Row 5 Flr. 1	1	B	Res.	67	56	57	56	57	52	5
DR-150	739 Vaughan Ave, Row 4 Flr. 1	1	B	Res.	67	55	56	57	58	57	2
DS-001	134 Garrett Dr, Row 4 Flr. 1	1	B	Res.	67	56	57	58	57	50	8

Table C-8 Predicted Noise Levels for I-664 in Hampton

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DS-002	132 Garrett Dr, Row 5 Flr. 1	1	B	Res.	67	54	55	55	56	49	7
DS-003	136 Garrett Dr, Row 4 Flr. 1	1	B	Res.	67	57	58	58	59	51	8
DS-004	138 Garrett Dr, Row 3 Flr. 1	1	B	Res.	67	59	60	59	60	52	8
DS-005	140 Garrett Dr, Row 3 Flr. 1	1	B	Res.	67	60	61	61	62	54	8
DS-006	142 Garrett Dr, Row 2 Flr. 1	1	B	Res.	67	63	64	64	65	57	8
DS-007	144 Garrett Dr, Row 2 Flr. 1	1	B	Res.	67	65	66	66	67	60	7
DS-008	146 Garrett Dr, Row 1 Flr. 1	1	B	Res.	67	68	69	70	70	58	12
DS-009	148 Garrett Dr, Row 1 Flr. 1	1	B	Res.	67	73	74	74	74	60	14
DS-010	131 Garrett Dr, Row 5 Flr. 1	1	B	Res.	67	56	57	56	57	49	8
DS-011	133 Garrett Dr, Row 4 Flr. 1	1	B	Res.	67	56	57	57	58	50	8
DS-012	135 Garrett Dr, Row 4 Flr. 1	1	B	Res.	67	58	59	58	59	51	8
DS-013	139 Garrett Dr, Row 3 Flr. 1	1	B	Res.	67	62	63	63	63	57	7
DS-014	137 Garrett Dr, Row 3 Flr. 1	1	B	Res.	67	60	61	60	61	53	8
DS-015	141 Garrett Dr, Row 2 Flr. 1	1	B	Res.	67	63	64	64	64	58	6
DS-016	143 Garrett Dr, Row 2 Flr. 1	1	B	Res.	67	65	66	65	66	58	8
DS-017	147 Garrett Dr, Row 1 Flr. 1	1	B	Res.	67	70	71	71	72	59	13
DS-018	251 Watkins Dr, Row 1 Flr. 1	1	B	Res.	67	70	71	71	71	59	13
DS-019	248 Watkins Dr, Row 2 Flr. 1	1	B	Res.	67	62	63	63	63	56	7
DS-020	228 Hankins Dr, Row 4 Flr. 1	1	B	Res.	67	56	57	56	57	49	8
DS-021	230 Hankins Dr, Row 4 Flr. 1	1	B	Res.	67	57	58	57	58	50	8
DS-022	232 Hankins Dr, Row 3 Flr. 1	1	B	Res.	67	58	59	58	59	51	9
DS-023	236 Hankins Dr, Row 3 Flr. 1	1	B	Res.	67	61	62	60	61	53	8
DS-024	249 Watkins Dr, Row 1 Flr. 1	1	B	Res.	67	70	71	70	71	58	13
DS-025	234 Hankins Dr, Row 3 Flr. 1	1	B	Res.	67	60	61	60	61	53	8
DS-026	238 Hankins Dr, Row 2 Flr. 1	1	B	Res.	67	61	62	61	62	54	8
DS-027	247 Watkins Dr, Row 1 Flr. 1	1	B	Res.	67	69	70	70	70	58	13
DS-028	245 Watkins Dr, Row 1 Flr. 1	1	B	Res.	67	69	69	69	70	57	12
DS-029	225 Hankins Dr, Row 4 Flr. 1	1	B	Res.	67	56	57	56	57	49	8
DS-030	227 Hankins Dr, Row 4 Flr. 1	1	B	Res.	67	58	58	57	58	50	8
DS-031	229 Hankins Dr, Row 3 Flr. 1	1	B	Res.	67	59	60	58	59	51	8
DS-032	233 Hankins Dr, Row 2 Flr. 1	1	B	Res.	67	61	62	61	62	53	9
DS-033	231 Hankins Dr, Row 3 Flr. 1	1	B	Res.	67	60	61	60	61	52	9
DS-034	243 Watkins Dr, Row 1 Flr. 1	1	B	Res.	67	68	69	68	69	57	12
DS-035	235 Hankins Dr, Row 2 Flr. 1	1	B	Res.	67	62	63	62	63	55	7

Table C-8 Predicted Noise Levels for I-664 in Hampton

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DS-036	241 Watkins Dr, Row 1 Flr. 1	1	B	Res.	67	67	68	67	67	56	11
DS-037	224 Watkins Dr, Row 4 Flr. 1	1	B	Res.	67	58	58	57	58	50	8
DS-038	226 Watkins Dr, Row 4 Flr. 1	1	B	Res.	67	58	59	58	59	51	8
DS-039	236 Watkins Dr, Row 2 Flr. 1	1	B	Res.	67	62	63	62	63	55	8
DS-040	228 Watkins Dr, Row 3 Flr. 1	1	B	Res.	67	60	61	60	60	52	9
DS-041	239 Watkins Dr, Row 1 Flr. 1	1	B	Res.	67	66	67	66	67	56	11
DS-042	230 Watkins Dr, Row 3 Flr. 1	1	B	Res.	67	61	62	60	61	52	9
DS-043	237 Watkins Dr, Row 1 Flr. 1	1	B	Res.	67	66	67	66	66	56	11
DS-044	235 Watkins Dr, Row 1 Flr. 1	1	B	Res.	67	65	66	65	66	56	10
DS-045	225 Watkins Dr, Row 3 Flr. 1	1	B	Res.	67	58	59	58	59	51	8
DS-046	223 Watkins Dr, Row 4 Flr. 1	2	B	Res.	67	57	58	57	58	51	7
DS-047	227 Watkins Dr, Row 3 Flr. 1	1	B	Res.	67	59	60	59	60	52	8
DS-048	233 Watkins Dr, Row 1 Flr. 1	1	B	Res.	67	64	65	64	65	55	10
DS-049	229 Watkins Dr, Row 2 Flr. 1	1	B	Res.	67	60	61	61	61	53	8
DS-050	231 Watkins Dr, Row 1 Flr. 1	1	B	Res.	67	62	63	62	63	54	9
DS-051	218 Ward Dr, Row 4 Flr. 1	1	B	Res.	67	57	57	57	58	52	5
DS-052	302 Ward Dr, Row 3 Flr. 1	1	B	Res.	67	59	60	60	60	53	8
DS-053	300 Ward Dr, Row 4 Flr. 1	1	B	Res.	67	58	59	59	59	52	7
DS-054	304 Ward Dr, Row 3 Flr. 1	1	B	Res.	67	60	61	61	61	53	8
DS-055	306 Ward Dr, Row 2 Flr. 1	1	B	Res.	67	61	62	62	62	54	8
DS-056	308 Ward Dr, Row 1 Flr. 1	1	B	Res.	67	62	63	63	63	54	9
DS-057	310 Ward Dr, Row 1 Flr. 1	1	B	Res.	67	65	66	66	66	56	10
DS-058	209 Ward Dr, Row 4 Flr. 1	1	B	Res.	67	54	54	55	55	53	2
DS-059	211 Ward Dr, Row 4 Flr. 1	1	B	Res.	67	54	55	55	56	53	3
DS-060	213 Ward Dr, Row 4 Flr. 1	1	B	Res.	67	54	55	55	56	53	3
DS-061	217 Ward Dr, Row 3 Flr. 1	1	B	Res.	67	56	56	56	57	53	3
DS-062	215 Ward Dr, Row 3 Flr. 1	1	B	Res.	67	55	56	56	56	53	3
DS-063	301 Ward Dr, Row 3 Flr. 1	1	B	Res.	67	58	59	59	59	53	6
DS-064	303 Ward Dr, Row 2 Flr. 1	1	B	Res.	67	59	60	60	60	54	6
DS-065	219 Ward Dr, Row 3 Flr. 1	1	B	Res.	67	57	58	58	58	54	4
DS-066	305 Ward Dr, Row 2 Flr. 1	1	B	Res.	67	61	61	61	62	54	8
DS-067	307 Ward Dr, Row 1 Flr. 1	1	B	Res.	67	62	63	62	63	54	8
DS-068	309 Ward Dr, Row 1 Flr. 1	1	B	Res.	67	65	66	66	66	56	10
DS-069	1707 Neptune Dr, Row 2 Flr. 1	1	B	Res.	67	58	59	59	59	55	4

Table C-8 Predicted Noise Levels for I-664 in Hampton

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DS-070	Briar Queen Pool, 1680 Duke St, Row 2 Flr. 1	1	C	Rec.	67	54	54	55	55	54	1
DS-071	401 Ward Dr, Row 1 Flr. 1	1	B	Res.	67	63	63	63	63	55	8
DS-072	1706 Neptune Dr, Row 1 Flr. 1	1	B	Res.	67	60	61	61	61	55	6
DS-073	1686 Duke St, Row 1 Flr. 1	1	B	Res.	67	57	58	59	59	59	0
DS-074	1682 Duke St, Row 1 Flr. 1	1	B	Res.	67	59	59	60	60	59	1
DS-075	1684 Duke St, Row 1 Flr. 1	1	B	Res.	67	59	59	60	60	60	0
DS-076	1688 Duke St, Row 1 Flr. 1	1	B	Res.	67	59	59	60	60	60	0
DT-001	214 Prince James Dr, Row 4 Flr. 1	1	B	Res.	67	60	60	63	63	59	4
DT-002	216 Prince James Dr, Row 4 Flr. 1	1	B	Res.	67	59	60	63	64	59	5
DT-003	212 Prince James Dr, Row 4 Flr. 1	1	B	Res.	67	60	60	63	63	59	4
DT-004	210 Prince James Dr, Row 4 Flr. 1	1	B	Res.	67	59	60	63	63	59	4
DT-005	208 Prince James Dr, Row 4 Flr. 1	1	B	Res.	67	59	60	62	62	59	4
DT-006	206 Prince James Dr, Row 4 Flr. 1	1	B	Res.	67	59	59	62	62	58	4
DT-007	204 Prince James Dr, Row 4 Flr. 1	1	B	Res.	67	58	59	61	61	57	4
DT-008	200 Prince James Dr, Row 4 Flr. 1	1	B	Res.	67	57	58	61	61	56	5
DT-009	122 Prince James Dr, Row 4 Flr. 1	1	B	Res.	67	56	57	60	60	55	5
DT-010	120 Prince James Dr, Row 4 Flr. 1	1	B	Res.	67	55	56	59	59	54	5
DT-011	218 Prince James Dr, Row 4 Flr. 1	1	B	Res.	67	59	60	64	64	59	6
DT-012	118 Prince James Dr, Row 4 Flr. 1	1	B	Res.	67	55	56	60	60	54	5
DT-013	124 Prince James Dr, Row 4 Flr. 1	1	B	Res.	67	56	57	60	60	55	5
DT-014	116 Prince James Dr, Row 4 Flr. 1	1	B	Res.	67	55	56	58	58	54	5
DT-015	220 Prince James Dr, Row 3 Flr. 1	1	B	Res.	67	60	60	65	65	59	6
DT-016	222 Prince James Dr, Row 3 Flr. 1	1	B	Res.	67	60	60	65	65	59	6
DT-017	224 Prince James Dr, Row 2 Flr. 1	1	B	Res.	67	60	61	66	66	59	7
DT-018	226 Prince James Dr, Row 2 Flr. 1	1	B	Res.	67	60	61	67	67	60	8
DT-019	228 Prince James Dr, Row 1 Flr. 1	1	B	Res.	67	60	61	68	68	60	8
DT-020	213 Prince James Dr, Row 3 Flr. 1	1	B	Res.	67	60	61	65	65	59	6
DT-021	211 Prince James Dr, Row 3 Flr. 1	1	B	Res.	67	59	60	64	64	58	7
DT-022	209 Prince James Dr, Row 3 Flr. 1	1	B	Res.	67	59	60	64	64	57	7
DT-023	207 Prince James Dr, Row 3 Flr. 1	1	B	Res.	67	59	59	63	63	57	6
DT-024	205 Prince James Dr, Row 3 Flr. 1	1	B	Res.	67	58	59	62	63	56	6
DT-025	203 Prince James Dr, Row 3 Flr. 1	1	B	Res.	67	58	59	62	62	56	6
DT-026	201 Prince James Dr, Row 3 Flr. 1	1	B	Res.	67	58	59	62	62	56	6
DT-027	217 Prince James Dr, Row 3 Flr. 1	1	B	Res.	67	60	61	66	66	59	7

Table C-8 Predicted Noise Levels for I-664 in Hampton

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DT-028	125 Prince James Dr, Row 3 Flr. 1	1	B	Res.	67	57	58	61	61	55	6
DT-029	123 Prince James Dr, Row 3 Flr. 1	1	B	Res.	67	57	58	61	61	55	6
DT-030	121 Prince James Dr, Row 3 Flr. 1	1	B	Res.	67	56	57	60	60	54	6
DT-031	119 Prince James Dr, Row 3 Flr. 1	1	B	Res.	67	56	57	60	60	54	6
DT-032	226 Prince George Dr, Row 2 Flr. 1	1	B	Res.	67	61	62	68	68	60	8
DT-033	229 Prince George Dr, Row 1 Flr. 1	1	B	Res.	67	62	63	71	71	61	10
DT-034	224 Prince George Dr, Row 2 Flr. 1	1	B	Res.	67	62	63	68	68	60	9
DT-035	227 Prince George Dr, Row 1 Flr. 1	1	B	Res.	67	63	64	73	73	62	11
DT-036	222 Prince George Dr, Row 2 Flr. 1	1	B	Res.	67	63	63	69	69	60	9
DT-037	206 Prince George Dr, Row 2 Flr. 1	1	B	Res.	67	60	61	65	65	57	8
DT-038	204 Prince George Dr, Row 2 Flr. 1	1	B	Res.	67	60	61	64	64	57	7
DT-039	202 Prince George Dr, Row 2 Flr. 1	1	B	Res.	67	60	61	64	64	57	7
DT-040	200 Prince George Dr, Row 2 Flr. 1	1	B	Res.	67	59	60	63	63	56	7
DT-041	126 Prince George Dr, Row 2 Flr. 1	1	B	Res.	67	59	60	62	62	55	7
DT-042	124 Prince George Dr, Row 2 Flr. 1	1	B	Res.	67	58	59	62	62	56	6
DT-043	122 Prince George Dr, Row 2 Flr. 1	1	B	Res.	67	58	59	61	61	58	4
DT-044	120 Prince George Dr, Row 2 Flr. 1	1	B	Res.	67	57	58	61	61	55	7
DT-045	118 Prince George Dr, Row 2 Flr. 1	1	B	Res.	67	57	58	61	61	54	7
DT-046	116 Prince George Dr, Row 2 Flr. 1	1	B	Res.	67	56	57	61	61	54	7
DT-047	208 Prince George Dr, Row 2 Flr. 1	1	B	Res.	67	61	62	66	66	58	8
DT-048	114 Prince George Dr, Row 2 Flr. 1	1	B	Res.	67	56	57	60	60	54	7
DT-049	112 Prince George Dr, Row 2 Flr. 1	1	B	Res.	67	58	59	61	61	54	7
DT-050	225 Prince George Dr, Row 1 Flr. 1	1	B	Res.	67	64	65	74	74	62	12
DT-051	220 Prince George Dr, Row 2 Flr. 1	1	B	Res.	67	63	64	70	70	60	10
DT-052	210 Prince George Dr, Row 2 Flr. 1	1	B	Res.	67	62	63	67	68	59	9
DT-053	223 Prince George Dr, Row 1 Flr. 1	1	B	Res.	67	66	66	74	74	62	13
DT-054	218 Prince George Dr, Row 2 Flr. 1	1	B	Res.	67	64	65	71	71	60	10
DT-055	207 Prince George Dr, Row 1 Flr. 1	1	B	Res.	67	61	62	66	66	58	8
DT-056	221 Prince George Dr, Row 1 Flr. 1	1	B	Res.	67	67	68	75	75	62	13
DT-057	205 Prince George Dr, Row 1 Flr. 1	1	B	Res.	67	61	62	65	66	57	8
DT-058	203 Prince George Dr, Row 1 Flr. 1	1	B	Res.	67	60	61	65	65	57	8
DT-059	201 Prince George Dr, Row 1 Flr. 1	1	B	Res.	67	60	61	64	64	56	8
DT-060	127 Prince George Dr, Row 1 Flr. 1	1	B	Res.	67	59	60	64	64	56	8
DT-061	125 Prince George Dr, Row 1 Flr. 1	1	B	Res.	67	59	60	63	63	56	8

Table C-8 Predicted Noise Levels for I-664 in Hampton

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DT-062	123 Prince George Dr, Row 1 Flr. 1	1	B	Res.	67	58	59	63	63	55	8
DT-063	121 Prince George Dr, Row 1 Flr. 1	1	B	Res.	67	58	59	63	63	56	6
DT-064	119 Prince George Dr, Row 1 Flr. 1	1	B	Res.	67	57	58	62	62	56	6
DT-065	117 Prince George Dr, Row 1 Flr. 1	1	B	Res.	67	57	58	62	62	54	8
DT-066	115 Prince George Dr, Row 1 Flr. 1	1	B	Res.	67	57	58	62	62	54	8
DT-067	113 Prince George Dr, Row 1 Flr. 1	1	B	Res.	67	56	57	61	62	54	8
DT-068	111 Prince George Dr, Row 1 Flr. 1	1	B	Res.	67	56	57	61	61	54	8
DT-069	109 Prince George Dr, Row 1 Flr. 1	1	B	Res.	67	56	57	61	61	53	7
DT-070	107 Prince George Dr, Row 1 Flr. 1	1	B	Res.	67	55	56	60	60	53	7
DT-071	209 Prince George Dr, Row 1 Flr. 1	1	B	Res.	67	62	63	67	68	59	9
DT-072	219 Prince George Dr, Row 1 Flr. 1	1	B	Res.	67	67	68	75	76	63	13
DT-073	211 Prince George Dr, Row 1 Flr. 1	1	B	Res.	67	64	65	69	69	60	10
DT-074	217 Prince George Dr, Row 1 Flr. 1	1	B	Res.	67	68	69	76	76	63	13
DT-075	215 Prince George Dr, Row 1 Flr. 1	1	B	Res.	67	68	69	74	75	62	13
DT-076	213 Prince George Dr, Row 1 Flr. 1	1	B	Res.	67	66	67	72	72	61	12
DU-001	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	58	59	63	63	55	8
DU-002	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	57	58	62	62	54	8
DU-003	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	57	58	62	62	54	8
DU-004	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	56	57	61	61	54	8
DU-005	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	56	57	61	61	53	8
DU-006	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	55	56	60	60	53	8
DU-007	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	64	65	69	69	59	10
DU-008	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	63	64	68	68	58	10
DU-009	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	62	63	67	67	58	9
DU-010	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	59	60	64	64	56	8
DU-011	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	59	60	64	64	55	8
DU-012	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	58	59	63	63	55	8
DU-013	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	58	58	63	63	54	8
DU-014	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	57	58	62	62	54	8
DU-015	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	56	57	61	61	53	8
DU-016	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	67	68	74	74	61	13
DU-017	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	66	67	72	72	60	12
DU-018	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	65	66	70	71	60	11
DU-019	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	64	65	69	69	59	10

Table C-8 Predicted Noise Levels for I-664 in Hampton

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DU-020	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	63	64	68	68	58	10
DU-021	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	62	63	67	68	58	10
DU-022	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	61	62	66	67	57	9
DU-023	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	61	62	66	66	57	9
DU-024	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	60	61	65	65	56	9
DU-025	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	59	60	64	65	56	9
DU-026	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	59	60	64	64	55	9
DU-027	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	58	59	63	63	55	9
DU-028	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	58	58	62	63	54	8
DU-029	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	68	69	75	76	62	14
DU-030	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	67	68	74	74	61	13
DU-031	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	66	67	73	73	60	13
DU-032	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	65	66	72	72	60	12
DU-033	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	64	65	70	71	59	11
DU-034	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	63	64	69	69	59	11
DU-035	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	62	63	68	68	58	10
DU-036	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	62	63	67	67	58	10
DU-037	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	61	62	66	66	57	9
DU-038	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	60	61	65	66	57	9
DU-039	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	60	61	65	65	56	9
DU-040	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	59	60	64	64	55	9
DU-041	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	67	68	75	75	61	14
DU-042	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	65	66	74	74	61	13
DU-043	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	65	66	73	73	60	13
DU-044	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	64	65	71	72	60	12
DU-045	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	63	64	70	70	59	11
DU-046	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	63	64	69	69	59	11
DU-047	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	62	63	68	68	58	10
DU-048	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	61	62	67	67	57	10
DU-049	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	60	61	66	66	57	9
DU-050	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	64	65	72	73	60	13
DU-051	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	64	65	71	71	60	12
DU-052	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	62	63	69	69	59	11
DU-053	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	61	62	67	68	58	10

Table C-8 Predicted Noise Levels for I-664 in Hampton

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DU-054	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	66	67	76	76	62	14
DU-055	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	65	66	74	74	61	13
DU-056	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	64	65	72	72	60	12
DU-057	Hampton High School Fields, 1491 W Queen St.	1	C	Rec.	67	63	64	70	70	59	11
DU-058	Hampton High School, 1491 W Queen St.	1	D	Int.	52	38	39	44	44	60	9
DV-001	68 Azalea Dr, Row 1 Flr. 1	1	B	Res.	67	67	67	78	78	64	14
DV-002	69 Azalea Dr, Row 1 Flr. 1	1	B	Res.	67	67	68	74	74	65	9
DV-003	66 Azalea Dr, Row 1 Flr. 1	1	B	Res.	67	66	67	78	78	64	15
DV-004	64 Azalea Dr, Row 1 Flr. 1	1	B	Res.	67	65	66	77	77	63	14
DV-005	67 Azalea Dr, Row 2 Flr. 1	1	B	Res.	67	65	66	72	72	62	10
DV-006	62 Azalea Dr, Row 1 Flr. 1	1	B	Res.	67	65	66	76	76	63	13
DV-007	65 Azalea Dr, Row 2 Flr. 1	1	B	Res.	67	65	66	72	72	63	10
DV-008	60 Azalea Dr, Row 1 Flr. 1	1	B	Res.	67	65	66	76	76	64	12
DV-009	63 Azalea Dr, Row 2 Flr. 1	1	B	Res.	67	65	66	71	71	62	9
DV-010	58 Azalea Dr, Row 1 Flr. 1	1	B	Res.	67	66	67	75	75	70	5
DV-011	61 Azalea Dr, Row 2 Flr. 1	1	B	Res.	67	64	65	71	71	62	9
DV-012	5 Dundee Rd, Row 1 Flr. 1	1	B	Res.	67	65	66	76	76	62	14
DV-013	56 Azalea Dr, Row 1 Flr. 1	1	B	Res.	67	65	66	74	74	61	13
DV-014	59 Azalea Dr, Row 2 Flr. 1	1	B	Res.	67	63	64	70	70	61	9
DV-015	6 Dundee Rd, Row 1 Flr. 1	1	B	Res.	67	65	66	77	77	63	15
DV-016	54 Azalea Dr, Row 1 Flr. 1	1	B	Res.	67	64	65	73	73	61	12
DV-017	57 Azalea Dr, Row 2 Flr. 1	1	B	Res.	67	63	64	69	70	61	9
DV-018	4 Dundee Rd, Row 1 Flr. 1	1	B	Res.	67	65	66	74	74	61	13
DV-019	9 Keswick Ln, Row 1 Flr. 1	1	B	Res.	67	64	65	77	77	62	15
DV-020	55 Azalea Dr, Row 2 Flr. 1	1	B	Res.	67	62	63	69	69	60	9
DV-021	50 Azalea Dr, Row 2 Flr. 1	1	B	Res.	67	62	63	70	71	59	11
DV-022	53 Azalea Dr, Row 2 Flr. 1	1	B	Res.	67	62	63	68	68	60	9
DV-023	7 Keswick Ln, Row 1 Flr. 1	1	B	Res.	67	63	64	73	73	60	13
DV-024	51 Azalea Dr, Row 2 Flr. 1	1	B	Res.	67	61	62	67	67	59	8
DV-025	25 Balmoral Dr, Row 1 Flr. 1	1	B	Res.	67	64	65	75	75	61	14
DV-026	8 Keswick Ln, Row 1 Flr. 1	1	B	Res.	67	62	63	73	73	60	13
DV-027	48 Azalea Dr, Row 2 Flr. 1	1	B	Res.	67	61	62	69	69	59	10
DV-028	5 Keswick Ln, Row 2 Flr. 1	1	B	Res.	67	61	62	71	71	59	12
DV-029	49 Azalea Dr, Row 2 Flr. 1	1	B	Res.	67	60	61	66	66	58	8

Table C-8 Predicted Noise Levels for I-664 in Hampton

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DV-030	46 Azalea Dr, Row 2 Flr. 1	1	B	Res.	67	60	61	67	68	58	10
DV-031	23 Balmoral Dr, Row 1 Flr. 1	1	B	Res.	67	62	63	73	73	60	13
DV-032	6 Keswick Ln, Row 1 Flr. 1	1	B	Res.	67	61	62	71	71	59	13
DV-033	27 Braemar Dr, Row 1 Flr. 1	1	B	Res.	67	65	66	75	75	64	12
DV-034	22 Balmoral Dr, Row 1 Flr. 1	1	B	Res.	67	64	64	74	74	61	14
DV-035	47 Azalea Dr, Row 3 Flr. 1	1	B	Res.	67	59	60	65	65	58	8
DV-036	44 Azalea Dr, Row 2 Flr. 1	1	B	Res.	67	59	60	67	67	57	10
DV-037	24 Braemar Dr, Row 1 Flr. 1	1	B	Res.	67	65	66	75	75	63	12
DV-038	21 Balmoral Dr, Row 2 Flr. 1	1	B	Res.	67	61	62	70	70	58	12
DV-039	45 Azalea Dr, Row 3 Flr. 1	1	B	Res.	67	59	60	64	65	57	8
DV-040	4 Keswick Ln, Row 2 Flr. 1	1	B	Res.	67	59	60	67	68	57	11
DV-041	25 Braemar Dr, Row 1 Flr. 1	1	B	Res.	67	64	65	72	72	60	12
DV-042	3 Keswick Ln, Row 3 Flr. 1	1	B	Res.	67	60	61	66	66	57	10
DV-043	20 Balmoral Dr, Row 2 Flr. 1	1	B	Res.	67	62	63	71	71	58	13
DV-044	22 Braemar Dr, Row 1 Flr. 1	1	B	Res.	67	64	64	72	72	61	11
DV-045	43 Azalea Dr, Row 3 Flr. 1	1	B	Res.	67	58	59	63	64	56	7
DV-046	20 Braemar Dr, Row 1 Flr. 1	1	B	Res.	67	63	64	71	71	61	10
DV-047	2 Keswick Ln, Row 3 Flr. 1	1	B	Res.	67	58	59	66	66	56	10
DV-048	19 Balmoral Dr, Row 2 Flr. 1	1	B	Res.	67	60	60	67	67	56	11
DV-049	23 Braemar Dr, Row 2 Flr. 1	1	B	Res.	67	62	63	69	69	58	11
DV-050	18 Balmoral Dr, Row 2 Flr. 1	1	B	Res.	67	61	62	68	69	57	11
DV-051	41 Azalea Dr, Row 3 Flr. 1	1	B	Res.	67	57	58	63	63	56	7
DV-052	34 Azalea Dr, Row 3 Flr. 1	1	B	Res.	67	58	59	65	65	55	10
DV-053	18 Braemar Dr, Row 1 Flr. 1	1	B	Res.	67	63	64	70	70	60	10
DV-054	21 Braemar Dr, Row 2 Flr. 1	1	B	Res.	67	61	62	68	68	58	11
DV-055	17 Balmoral Dr, Row 3 Flr. 1	1	B	Res.	67	58	59	65	66	55	11
DV-056	6 Heather Cir, Row 1 Flr. 1	1	B	Res.	67	63	64	70	70	60	10
DV-057	16 Balmoral Dr, Row 3 Flr. 1	1	B	Res.	67	60	61	67	67	57	10
DV-058	39 Azalea Dr, Row 4 Flr. 1	1	B	Res.	67	57	58	62	62	55	7
DV-059	8 Heather Cir, Row 1 Flr. 1	1	B	Res.	67	63	64	69	69	59	10
DV-060	19 Braemar Dr, Row 2 Flr. 1	1	B	Res.	67	61	62	68	68	57	11
DV-061	32 Azalea Dr, Row 4 Flr. 1	1	B	Res.	67	57	58	64	64	54	9
DV-062	14 Balmoral Dr, Row 3 Flr. 1	1	B	Res.	67	59	60	65	66	56	10
DV-063	37 Azalea Dr, Row 4 Flr. 1	1	B	Res.	67	56	57	62	62	55	7

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CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DV-064	15 Balmoral Dr, Row 3 Flr. 1	1	B	Res.	67	57	58	64	64	54	10
DV-065	1429 W Queen St, Row 1 Flr. 1	1	B	Res.	67	66	67	70	70	60	10
DV-066	17 Braemar Dr, Row 2 Flr. 1	1	B	Res.	67	61	62	67	67	57	10
DV-067	4 Heather Cir, Row 1 Flr. 1	1	B	Res.	67	63	64	69	69	59	10
DV-068	12 Balmoral Dr, Row 3 Flr. 1	1	B	Res.	67	59	60	65	65	56	9
DV-069	30 Azalea Dr, Row 4 Flr. 1	1	B	Res.	67	57	58	63	63	54	9
DV-070	35 Azalea Dr, Row 4 Flr. 1	1	B	Res.	67	56	57	61	61	54	7
DV-071	13 Balmoral Dr, Row 3 Flr. 1	1	B	Res.	67	57	58	63	63	54	10
DV-072	15 Braemar Dr, Row 2 Flr. 1	1	B	Res.	67	61	62	67	67	57	10
DV-073	10 Balmoral Dr, Row 3 Flr. 1	1	B	Res.	67	59	60	64	64	55	10
DV-074	1427 W Queen St, Row 1 Flr. 1	1	B	Res.	67	65	66	68	68	58	10
DV-075	33 Azalea Dr, Row 4 Flr. 1	1	B	Res.	67	55	56	60	61	54	7
DV-076	14 Braemar Dr, Row 2 Flr. 1	1	B	Res.	67	63	64	67	67	57	10
DV-077	11 Balmoral Dr, Row 4 Flr. 1	1	B	Res.	67	57	58	62	63	53	9
DV-078	28 Azalea Dr, Row 4 Flr. 1	1	B	Res.	67	56	57	62	62	53	8
DV-079	13 Braemar Dr, Row 2 Flr. 1	1	B	Res.	67	61	62	66	66	56	10
DV-080	31 Azalea Dr, Row 4 Flr. 1	1	B	Res.	67	54	55	60	60	53	7
DV-081	9 Balmoral Dr, Row 4 Flr. 1	1	B	Res.	67	57	58	62	62	53	9
DV-082	8 Balmoral Dr, Row 3 Flr. 1	1	B	Res.	67	59	60	64	64	54	10
DV-083	12 Braemar Dr, Row 2 Flr. 1	1	B	Res.	67	62	63	66	66	56	10
DV-084	26 Azalea Dr, Row 4 Flr. 1	1	B	Res.	67	56	57	61	62	53	9
DV-085	11 Braemar Dr, Row 3 Flr. 1	1	B	Res.	67	60	61	65	65	55	10
DV-086	29 Azalea Dr, Row 4 Flr. 1	1	B	Res.	67	55	56	60	60	53	7
DV-087	7 Balmoral Dr, Row 4 Flr. 1	1	B	Res.	67	56	57	62	62	52	10
DV-088	24 Azalea Dr, Row 4 Flr. 1	1	B	Res.	67	56	57	61	61	53	8
DV-089	1425 W Queen St, Row 1 Flr. 1	1	B	Res.	67	63	64	66	66	56	10
DV-090	10 Braemar Dr, Row 2 Flr. 1	1	B	Res.	67	61	62	65	65	55	9
DV-091	6 Balmoral Dr, Row 3 Flr. 1	1	B	Res.	67	58	59	63	63	53	10
DV-092	9 Braemar Dr, Row 3 Flr. 1	1	B	Res.	67	59	60	64	63	54	10
DV-093	22 Azalea Dr, Row 5 Flr. 1	1	B	Res.	67	56	57	61	61	53	8
DV-094	1419 W Queen St, Row 1 Flr. 1	1	B	Res.	67	62	63	65	65	55	10
DV-095	8 Braemar Dr, Row 3 Flr. 1	1	B	Res.	67	60	61	64	64	54	9
DV-096	20 Azalea Dr, Row 5 Flr. 1	1	B	Res.	67	56	57	60	60	52	8
DV-097	4 Balmoral Dr, Row 4 Flr. 1	1	B	Res.	67	57	58	61	61	52	10

Table C-8 Predicted Noise Levels for I-664 in Hampton

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DV-098	7 Braemar Dr, Row 3 Flr. 1	1	B	Res.	67	58	59	62	62	53	9
DV-099	1 Balmoral Dr, Row 5 Flr. 1	1	B	Res.	67	56	57	60	60	52	8
DV-100	6 Braemar Dr, Row 3 Flr. 1	1	B	Res.	67	59	60	62	62	53	9
DV-101	1417 W Queen St, Row 1 Flr. 1	1	B	Res.	67	60	61	63	63	54	9
DV-102	5 Braemar Dr, Row 4 Flr. 1	1	B	Res.	67	58	59	61	61	52	9
DV-103	2 Balmoral Dr, Row 4 Flr. 1	1	B	Res.	67	56	57	60	60	51	9
DV-104	12 Azalea Dr, Row 4 Flr. 1	1	B	Res.	67	56	57	60	60	51	9
DV-105	4 Braemar Dr, Row 4 Flr. 1	1	B	Res.	67	57	59	61	61	52	9
DV-106	1413 W Queen St, Row 1 Flr. 1	1	B	Res.	67	59	60	62	62	53	9
DV-107	10 Azalea Dr, Row 4 Flr. 1	1	B	Res.	67	56	57	60	60	51	9
DV-108	1411 W Queen St, Row 1 Flr. 1	1	B	Res.	67	58	59	61	60	52	8
DW-001	20 Lakeside Cres A, Row 4 Flr. 1	1	B	Res.	67	57	58	59	58	57	2
DW-002	1480 W Queen St, Row 4 Flr. 1	1	B	Res.	67	57	58	59	58	56	2
DW-003	20 Lakeside Cres B, Row 4 Flr. 1	1	B	Res.	67	57	58	59	59	57	2
DW-004	8 Lakeside Cres B, Row 4 Flr. 1	1	B	Res.	67	57	58	59	59	57	2
DW-005	6 Lakeside Cres B, Row 4 Flr. 1	1	B	Res.	67	57	59	59	59	57	2
DW-006	12 Lakeside Cres A, Row 4 Flr. 1	1	B	Res.	67	57	58	59	59	57	2
DW-007	4 Lakeside Cres B, Row 4 Flr. 1	1	B	Res.	67	58	59	59	59	57	2
DW-008	18 Lakeside Cres A, Row 4 Flr. 1	1	B	Res.	67	57	58	59	59	57	2
DW-009	2 Lakeside Cres B, Row 4 Flr. 1	1	B	Res.	67	58	59	59	59	57	2
DW-010	18 Lakeside Cres B, Row 4 Flr. 1	1	B	Res.	67	57	58	59	59	57	2
DW-011	8 Lakeside Cres A, Row 4 Flr. 1	1	B	Res.	67	57	59	59	59	57	2
DW-012	44 Inlandview Dr B, Row 4 Flr. 1	1	B	Res.	67	58	59	59	59	57	1
DW-013	6 Lakeside Cres A, Row 4 Flr. 1	1	B	Res.	67	58	59	59	59	57	2
DW-014	4 Lakeside Cres A, Row 4 Flr. 1	1	B	Res.	67	58	59	59	59	57	2
DW-015	2 Lakeside Cres A, Row 4 Flr. 1	1	B	Res.	67	58	59	59	59	57	2
DW-016	42 Inlandview Dr B, Row 4 Flr. 1	1	B	Res.	67	58	59	59	59	57	1
DW-017	44 Inlandview Dr A, Row 4 Flr. 1	1	B	Res.	67	58	59	59	59	57	2
DW-018	12 Lakeside Cres B, Row 4 Flr. 1	1	B	Res.	67	57	59	59	59	57	2
DW-019	16 Lakeside Cres A, Row 4 Flr. 1	1	B	Res.	67	57	59	59	59	57	2
DW-020	16 Lakeside Cres B, Row 4 Flr. 1	1	B	Res.	67	58	59	59	59	57	2
DW-021	42 Inlandview Dr A, Row 4 Flr. 1	1	B	Res.	67	58	59	59	59	58	1
DW-022	40 Inlandview Dr A, Row 4 Flr. 1	1	B	Res.	67	58	59	59	59	58	1
DW-023	38 Inlandview Dr A, Row 4 Flr. 1	1	B	Res.	67	58	59	59	59	58	1

Table C-8 Predicted Noise Levels for I-664 in Hampton

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DW-024	40 Inlandview Dr B, Row 4 Flr. 1	1	B	Res.	67	58	59	59	59	58	1
DW-025	14 Lakeside Cres A, Row 4 Flr. 1	1	B	Res.	67	58	59	59	59	57	2
DW-026	14 Lakeside Cres B, Row 4 Flr. 1	1	B	Res.	67	58	59	59	59	57	2
DW-027	38 Inlandview Dr B, Row 4 Flr. 1	1	B	Res.	67	58	59	59	59	58	1
DW-028	1478 W Queen St, Row 4 Flr. 1	1	B	Res.	67	58	59	60	59	56	3
DW-029	32 Inlandview Dr B, Row 4 Flr. 1	1	B	Res.	67	58	59	59	59	58	2
DW-030	7 Lakeside Cres B, Row 4 Flr. 1	1	B	Res.	67	58	59	60	59	57	2
DW-031	32 Inlandview Dr A, Row 4 Flr. 1	1	B	Res.	67	58	59	60	60	58	2
DW-032	7 Lakeside Cres A, Row 4 Flr. 1	1	B	Res.	67	58	59	60	59	57	3
DW-033	9 Lakeside Cres B, Row 4 Flr. 1	1	B	Res.	67	58	59	60	59	57	2
DW-034	30 Inlandview Dr B, Row 4 Flr. 1	1	B	Res.	67	59	60	60	60	58	2
DW-035	9 Lakeside Cres A, Row 4 Flr. 1	1	B	Res.	67	58	59	60	59	57	2
DW-036	11 Lakeside Cres B, Row 4 Flr. 1	1	B	Res.	67	58	59	60	59	57	2
DW-037	30 Inlandview Dr A, Row 4 Flr. 1	1	B	Res.	67	59	60	60	60	58	2
DW-038	11 Lakeside Cres A, Row 4 Flr. 1	1	B	Res.	67	58	59	60	59	57	2
DW-039	1476 W Queen St, Row 3 Flr. 1	1	B	Res.	67	58	59	60	60	56	3
DW-040	13 Lakeside Cres B, Row 4 Flr. 1	1	B	Res.	67	58	59	60	59	57	2
DW-041	28 Inlandview Dr B, Row 4 Flr. 1	1	B	Res.	67	59	60	60	60	58	2
DW-042	13 Lakeside Cres A, Row 4 Flr. 1	1	B	Res.	67	58	59	60	60	57	2
DW-043	28 Inlandview Dr A, Row 4 Flr. 1	1	B	Res.	67	59	60	60	60	58	2
DW-044	13 Inlandview Dr B, Row 3 Flr. 1	1	B	Res.	67	58	59	60	60	57	2
DW-045	13 Inlandview Dr A, Row 3 Flr. 1	1	B	Res.	67	58	59	60	60	58	2
DW-046	3 Inlandview Dr B, Row 3 Flr. 1	1	B	Res.	67	59	60	60	60	57	3
DW-047	5 Inlandview Dr B, Row 3 Flr. 1	1	B	Res.	67	58	60	60	60	57	3
DW-048	15 Inlandview Dr B, Row 3 Flr. 1	1	B	Res.	67	58	60	60	60	57	2
DW-049	3 Inlandview Dr A, Row 3 Flr. 1	1	B	Res.	67	59	60	60	60	57	3
DW-050	7 Inlandview Dr B, Row 3 Flr. 1	1	B	Res.	67	59	60	60	60	57	3
DW-051	15 Inlandview Dr A, Row 3 Flr. 1	1	B	Res.	67	58	60	60	60	58	2
DW-052	9 Inlandview Dr B, Row 3 Flr. 1	1	B	Res.	67	58	60	60	60	57	2
DW-053	5 Inlandview Dr A, Row 3 Flr. 1	1	B	Res.	67	59	60	60	60	57	3
DW-054	22 Inlandview Dr B, Row 3 Flr. 1	1	B	Res.	67	59	60	60	60	58	2
DW-055	17 Inlandview Dr B, Row 3 Flr. 1	1	B	Res.	67	59	60	60	60	58	2
DW-056	7 Inlandview Dr A, Row 3 Flr. 1	1	B	Res.	67	59	60	60	60	57	3
DW-057	17 Inlandview Dr A, Row 3 Flr. 1	1	B	Res.	67	59	60	60	60	58	2

Table C-8 Predicted Noise Levels for I-664 in Hampton

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DW-058	22 Inlandview Dr A, Row 3 Flr. 1	1	B	Res.	67	59	60	60	60	58	2
DW-059	9 Inlandview Dr A, Row 3 Flr. 1	1	B	Res.	67	59	60	60	60	57	3
DW-060	3 Lakeside Cres B, Row 3 Flr. 1	1	B	Res.	67	59	60	60	60	58	2
DW-061	3 Lakeside Cres A, Row 3 Flr. 1	1	B	Res.	67	59	60	60	60	58	2
DW-062	20 Inlandview Dr B, Row 3 Flr. 1	1	B	Res.	67	59	60	60	60	58	2
DW-063	20 Inlandview Dr A, Row 3 Flr. 1	1	B	Res.	67	59	60	60	60	58	2
DW-064	18 Inlandview Dr B, Row 3 Flr. 1	1	B	Res.	67	59	60	60	60	58	2
DW-065	18 Inlandview Dr A, Row 3 Flr. 1	1	B	Res.	67	59	60	60	60	58	2
DW-066	2 Inlandview Dr A, Row 2 Flr. 1	1	B	Res.	67	59	60	61	61	57	4
DW-067	4 Inlandview Dr A, Row 2 Flr. 1	1	B	Res.	67	59	60	61	61	57	3
DW-068	6 Inlandview Dr A, Row 2 Flr. 1	1	B	Res.	67	59	60	61	61	57	3
DW-069	2 Inlandview Dr B, Row 2 Flr. 1	1	B	Res.	67	59	61	61	61	57	4
DW-070	4 Inlandview Dr B, Row 2 Flr. 1	1	B	Res.	67	59	60	61	61	57	3
DW-071	2 Seafarer Ct A, Row 2 Flr. 1	1	B	Res.	67	59	60	61	60	58	3
DW-072	6 Inlandview Dr B, Row 2 Flr. 1	1	B	Res.	67	59	60	61	61	57	3
DW-073	14 Inlandview Dr A, Row 2 Flr. 1	1	B	Res.	67	59	60	60	60	58	3
DW-074	3 Seafarer Ct A, Row 2 Flr. 1	1	B	Res.	67	59	60	60	61	58	2
DW-075	3 Seafarer Ct B, Row 2 Flr. 1	1	B	Res.	67	59	60	60	61	59	2
DW-076	2 Seafarer Ct B, Row 2 Flr. 1	1	B	Res.	67	59	60	61	61	58	3
DW-077	12 Inlandview Dr A, Row 2 Flr. 1	1	B	Res.	67	59	60	60	60	58	2
DW-078	14 Inlandview Dr B, Row 2 Flr. 1	1	B	Res.	67	59	60	60	60	58	3
DW-079	12 Inlandview Dr B, Row 2 Flr. 1	1	B	Res.	67	59	60	60	61	58	3
DW-080	10 Inlandview Dr A, Row 2 Flr. 1	1	B	Res.	67	59	60	61	61	58	3
DW-081	5 Seafarer Ct A, Row 2 Flr. 1	1	B	Res.	67	59	60	61	61	59	2
DW-082	5 Seafarer Ct B, Row 2 Flr. 1	1	B	Res.	67	59	61	61	61	59	2
DW-083	10 Inlandview Dr B, Row 2 Flr. 1	1	B	Res.	67	59	60	60	61	58	3
DW-084	7 Seafarer Ct A, Row 2 Flr. 1	1	B	Res.	67	59	61	61	61	59	2
DW-085	7 Seafarer Ct B, Row 2 Flr. 1	1	B	Res.	67	59	61	61	61	59	2
DW-086	9 Seafarer Ct A, Row 2 Flr. 1	1	B	Res.	67	59	61	61	61	59	2
DW-087	9 Seafarer Ct B, Row 2 Flr. 1	1	B	Res.	67	60	61	61	61	59	2
DW-088	W Queen St, Row 1 Flr. 1	1	B	Res.	67	72	73	70	70	64	6
DW-089	W Queen St, Row 1 Flr. 1	1	B	Res.	67	67	68	67	67	62	5
DW-090	1446 W Queen St, Row 1 Flr. 1	1	B	Res.	67	64	65	67	67	57	10
DW-091	1446 W Queen St, Row 2 Flr. 1	1	B	Res.	67	54	55	56	57	51	6

Table C-8 Predicted Noise Levels for I-664 in Hampton

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DW-092	1446 W Queen St, Row 2 Flr. 1	1	B	Res.	67	55	56	57	57	52	6
DW-093	1446 W Queen St, Row 2 Flr. 1	1	B	Res.	67	54	55	56	57	51	6
DW-094	1446 W Queen St, Row 1 Flr. 1	1	B	Res.	67	67	68	69	69	60	10
DW-095	1446 W Queen St, Row 1 Flr. 1	1	B	Res.	67	71	72	73	73	61	13
DW-096	1446 W Queen St, Row 1 Flr. 1	1	B	Res.	67	72	73	75	75	62	13
DW-097	1446 W Queen St, Row 1 Flr. 1	1	B	Res.	67	69	70	69	70	62	8
DW-098	1446 W Queen St, Row 1 Flr. 1	1	B	Res.	67	72	73	74	74	63	11
DW-099	1446 W Queen St, Row 1 Flr. 1	1	B	Res.	67	72	73	75	75	65	10
DW-100	1446 W Queen St, Row 3 Flr. 1	1	B	Res.	67	58	59	61	60	57	4
DW-101	1446 W Queen St, Row 3 Flr. 1	1	B	Res.	67	61	62	63	63	57	6
DW-102	1446 W Queen St, Row 3 Flr. 1	1	B	Res.	67	61	62	65	65	58	7
DW-103	1446 W Queen St, Row 3 Flr. 1	1	B	Res.	67	62	63	62	62	59	3
DW-104	1446 W Queen St, Row 3 Flr. 1	1	B	Res.	67	64	65	64	64	60	4
DW-105	1446 W Queen St, Row 3 Flr. 1	1	B	Res.	67	65	66	65	66	62	4
DW-106	1446 W Queen St, Row 2 Flr. 1	1	B	Res.	67	54	55	56	56	51	5
DW-107	1446 W Queen St, Row 2 Flr. 1	1	B	Res.	67	53	54	55	55	50	6
DW-108	1446 W Queen St, Row 2 Flr. 1	1	B	Res.	67	55	56	57	57	50	7
DW-109	1446 W Queen St, Row 2 Flr. 1	1	B	Res.	67	59	60	62	62	55	7
DW-110	1446 W Queen St, Row 2 Flr. 1	1	B	Res.	67	54	56	57	57	51	6
DW-111	1446 W Queen St, Row 2 Flr. 1	1	B	Res.	67	55	56	57	58	51	7
DW-112	1446 W Queen St, Row 2 Flr. 1	1	B	Res.	67	56	57	58	58	54	4
DW-113	1446 W Queen St, Row 2 Flr. 1	1	B	Res.	67	56	57	58	58	54	5
DW-114	1446 W Queen St, Row 2 Flr. 1	1	B	Res.	67	59	60	62	62	56	6
DW-115	1446 W Queen St, Row 2 Flr. 1	1	B	Res.	67	56	57	58	58	52	6
DW-116	1446 W Queen St, Row 2 Flr. 1	1	B	Res.	67	54	56	56	57	52	5
DW-117	1446 W Queen St, Row 2 Flr. 1	1	B	Res.	67	55	56	58	58	52	6
DW-118	1446 W Queen St, Row 2 Flr. 1	1	B	Res.	67	53	54	55	55	49	7
DW-119	1446 W Queen St, Row 2 Flr. 1	1	B	Res.	67	55	56	57	57	51	6
DW-120	1446 W Queen St, Row 2 Flr. 1	1	B	Res.	67	59	60	61	62	55	7
DW-121	1446 W Queen St, Row 2 Flr. 1	1	B	Res.	67	59	60	62	62	55	7
DW-122	1446 W Queen St, Row 2 Flr. 1	1	B	Res.	67	60	61	63	63	56	7
DW-123	1446 W Queen St, Row 2 Flr. 1	1	B	Res.	67	54	56	56	57	52	5
DX-001	8 Harlequin Dr, Row 3 Flr. 1	1	B	Res.	67	59	60	62	62	53	9
DX-002	7 Harlequin Dr, Row 3 Flr. 1	1	B	Res.	67	59	60	62	62	53	9

Table C-8 Predicted Noise Levels for I-664 in Hampton

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DX-003	10 Harlequin Dr, Row 4 Flr. 1	1	B	Res.	67	59	60	62	62	53	8
DX-004	West Cemetery, 11 Harlequin Dr, Row 3 Flr. 1	0	C	Rec.	67	60	61	62	62	54	8
DX-005	West Cemetery, 11 Harlequin Dr, Row 3 Flr. 1	1	C	Rec.	67	60	62	62	62	55	7
DX-006	12 Harlequin Dr, Row 4 Flr. 1	1	B	Res.	67	59	60	62	61	53	8
DX-007	13 Harlequin Dr, Row 3 Flr. 1	1	B	Res.	67	59	60	62	62	54	8
DX-008	West Cemetery, 11 Harlequin Dr, Row 3 Flr. 1	0	C	Rec.	67	59	60	61	61	54	7
DX-009	15 Harlequin Dr, Row 4 Flr. 1	1	B	Res.	67	59	60	61	61	53	8
DX-010	West Cemetery, 11 Harlequin Dr, Row 3 Flr. 1	0	C	Rec.	67	59	60	61	61	54	7
DX-011	23 Allison Sutton Dr, Row 3 Flr. 1	1	B	Res.	67	59	60	61	61	54	7
DX-012	21 Allison Sutton Dr, Row 3 Flr. 1	1	B	Res.	67	59	60	61	61	54	7
DX-013	15 Allison Sutton Dr, Row 3 Flr. 1	1	B	Res.	67	59	60	61	61	54	7
DX-014	13 Allison Sutton Dr, Row 3 Flr. 1	1	B	Res.	67	58	59	61	61	53	7
DX-015	19 Allison Sutton Dr, Row 3 Flr. 1	1	B	Res.	67	59	61	61	61	55	6
DX-016	17 Allison Sutton Dr, Row 3 Flr. 1	1	B	Res.	67	59	60	61	61	54	7
DX-017	17 Harlequin Dr, Row 4 Flr. 1	1	B	Res.	67	58	59	60	60	53	7
DX-018	11 Allison Sutton Dr, Row 4 Flr. 1	1	B	Res.	67	58	59	60	60	53	7
DX-019	30 Allison Sutton Dr, Row 2 Flr. 1	1	B	Res.	67	60	61	61	62	56	5
DX-020	28 Allison Sutton Dr, Row 3 Flr. 1	1	B	Res.	67	59	60	61	61	56	5
DX-021	26 Allison Sutton Dr, Row 3 Flr. 1	1	B	Res.	67	59	60	60	60	55	5
DX-022	4 Robert Connor Dr, Row 2 Flr. 1	1	B	Res.	67	60	61	61	61	57	4
DX-023	6 Robert Connor Dr, Row 2 Flr. 1	1	B	Res.	67	60	61	61	61	58	3
DX-024	8 Robert Connor Dr, Row 2 Flr. 1	1	B	Res.	67	60	61	61	61	58	3
DX-025	10 Robert Connor Dr, Row 2 Flr. 1	1	B	Res.	67	60	61	61	62	59	3
DX-026	10 Robert Connor Dr, Row 2 Flr. 1	1	B	Res.	67	60	61	61	62	59	2
DX-028	14 Robert Connor Dr, Row 1 Flr. 1	1	B	Res.	67	59	60	60	60	58	2
DX-029	11 Robert Connor Dr, Row 1 Flr. 1	1	B	Res.	67	60	62	61	62	59	2
DX-030	9 Robert Connor Dr, Row 1 Flr. 1	1	B	Res.	67	60	62	61	62	59	3
DX-031	7 Robert Connor Dr, Row 1 Flr. 1	1	B	Res.	67	60	61	61	62	59	3
DX-032	5 Robert Connor Dr, Row 1 Flr. 1	1	B	Res.	67	61	62	62	62	59	4
DX-033	3 Robert Connor Dr, Row 1 Flr. 1	1	B	Res.	67	61	62	62	62	58	4
DX-034	32 Allison Sutton Dr, Row 1 Flr. 1	1	B	Res.	67	61	62	61	62	58	4
DX-035	34 Allison Sutton Dr, Row 1 Flr. 1	1	B	Res.	67	62	64	63	63	59	5
DX-036	36 Allison Sutton Dr, Row 1 Flr. 1	1	B	Res.	67	63	64	63	64	59	5
DX-037	38 Allison Sutton Dr, Row 1 Flr. 1	1	B	Res.	67	64	65	65	65	59	6

Table C-8 Predicted Noise Levels for I-664 in Hampton

CNE Site No.	Address	Recp. Units	Cat.*	Land Use*	NAC Imp. Crit.	Loudest-Hour Leq (dBA)**					
						Existing	No-Build	Alt. D No-Barrier	Alternative C		
									No-Barrier	With-Barrier	IL
DX-038	40 Allison Sutton Dr, Row 1 Flr. 1	1	B	Res.	67	65	66	66	66	59	7
DX-039	42 Allison Sutton Dr, Row 1 Flr. 1	1	B	Res.	67	66	67	67	67	60	8
DX-040	44 Allison Sutton Dr, Row 1 Flr. 1	1	B	Res.	67	66	68	68	68	60	8
DX-041	46 Allison Sutton Dr, Row 1 Flr. 1	1	B	Res.	67	66	68	68	68	60	9
DX-042	48 Allison Sutton Dr, Row 1 Flr. 1	1	B	Res.	67	66	68	68	69	60	9
DX-043	50 Allison Sutton Dr, Row 1 Flr. 1	1	B	Res.	67	66	67	68	68	59	9
DX-044	52 Allison Sutton Dr, Row 1 Flr. 1	1	B	Res.	67	66	67	69	69	59	10
DX-045	54 Allison Sutton Dr, Row 1 Flr. 1	1	B	Res.	67	67	68	69	69	59	10
DX-046	56 Allison Sutton Dr, Row 1 Flr. 1	1	B	Res.	67	66	68	69	69	59	10
DX-047	58 Allison Sutton Dr, Row 1 Flr. 1	1	B	Res.	67	66	68	69	69	59	10
DX-048	60 Allison Sutton Dr, Row 1 Flr. 1	1	B	Res.	67	66	67	69	69	59	10
DX-049	62 Allison Sutton Dr, Row 1 Flr. 1	1	B	Res.	67	67	68	69	69	59	10
DX-050	25 Allison Sutton Dr, Row 2 Flr. 1	1	B	Res.	67	62	63	63	63	57	6
DX-051	27 Allison Sutton Dr, Row 2 Flr. 1	1	B	Res.	67	63	65	65	65	57	8
DX-052	29 Allison Sutton Dr, Row 2 Flr. 1	1	B	Res.	67	64	65	65	65	58	8
DX-053	31 Allison Sutton Dr, Row 2 Flr. 1	1	B	Res.	67	64	65	66	66	57	8
DX-054	33 Allison Sutton Dr, Row 2 Flr. 1	1	B	Res.	67	64	65	66	66	57	9
DX-055	35 Allison Sutton Dr, Row 2 Flr. 1	1	B	Res.	67	64	65	66	66	57	9
DX-056	37 Allison Sutton Dr, Row 2 Flr. 1	1	B	Res.	67	64	65	66	66	57	9
DX-057	39 Allison Sutton Dr, Row 2 Flr. 1	1	B	Res.	67	64	65	66	66	57	9
DX-058	1 Harlequin Dr, Row 2 Flr. 1	1	B	Res.	67	64	65	66	66	56	10
DX-059	3 Harlequin Dr, Row 3 Flr. 1	1	B	Res.	67	61	62	64	64	54	10
DX-060	5 Harlequin Dr, Row 4 Flr. 1	1	B	Res.	67	60	61	63	63	53	9
DX-061	2 Harlequin Dr, Row 2 Flr. 1	1	B	Res.	67	62	63	64	64	56	11
DX-062	4 Harlequin Dr, Row 3 Flr. 1	1	B	Res.	67	61	62	63	63	55	10
DX-063	6 Harlequin Dr, Row 4 Flr. 1	1	B	Res.	67	60	61	62	62	54	9

* Cat. Refers to FHWA Activity Category. Res.= Residential, Rec.= Recreational, Mon.= Noise Monitoring Site, Com.= Commercial, Int.=Interior Institutional

** Red numbers indicate noise impact due to NAC or Substantial Increase in existing noise levels. Some subtractions may appear to be incorrect due to rounding of decibels. NA or 0 indicates receptors not behind barriers, or set back and not impacted where benefits were not determined.

Source: HMMH, 2016

APPENDIX D:
NOISE MONITORING DATA

APPENDIX D: NOISE MONITORING DATA

This appendix includes data acquired during the noise measurement program for the I-664 and VA 164 corridors, conducted in November 2015. Included are noise monitor calibration data, site sketches, photographs, field noise and traffic data sheets. Also included are noise measurement results spreadsheets, which include noise monitor acoustic data with period Leq calculations, traffic counts, and traffic data normalized to 1 hour for input to TNM.

Noise monitoring data for the I-64 and I-564 corridors are included in the I-64 HRBT and I-564 Intermodal Corridor noise study technical reports.

Table D-1: Noise Monitor Output - Calibration Record

Date	Time	Level
3-Nov-15	8:46:01	114.0
3-Nov-15	8:48:25	114.0
3-Nov-15	9:26:24	114.2
3-Nov-15	10:12:37	114.0
3-Nov-15	11:01:55	114.2
3-Nov-15	11:26:17	114.1
3-Nov-15	12:06:27	114.1
3-Nov-15	13:02:42	114.3
3-Nov-15	13:02:55	114.3
3-Nov-15	13:52:46	114.2
3-Nov-15	14:45:49	114.3
3-Nov-15	15:26:38	114.2
3-Nov-15	15:26:54	114.2
3-Nov-15	16:08:19	114.0
3-Nov-15	16:50:35	114.1
4-Nov-15	8:29:09	114.0
4-Nov-15	9:26:20	114.3
4-Nov-15	12:43:37	114.2
4-Nov-15	13:34:43	114.2
4-Nov-15	15:09:28	114.3
4-Nov-15	15:50:10	114.5
4-Nov-15	15:50:26	114.5
4-Nov-15	16:14:04	114.4
4-Nov-15	16:56:41	114.3
5-Nov-15	8:25:34	114.4
5-Nov-15	13:05:31	114.2
5-Nov-15	13:42:38	114.2
5-Nov-15	13:42:58	114.2
5-Nov-15	13:43:21	114.2
5-Nov-15	13:53:25	114.4
5-Nov-15	14:26:40	114.3
5-Nov-15	14:51:47	108.3
5-Nov-15	14:53:17	108.3
5-Nov-15	14:54:23	114.5

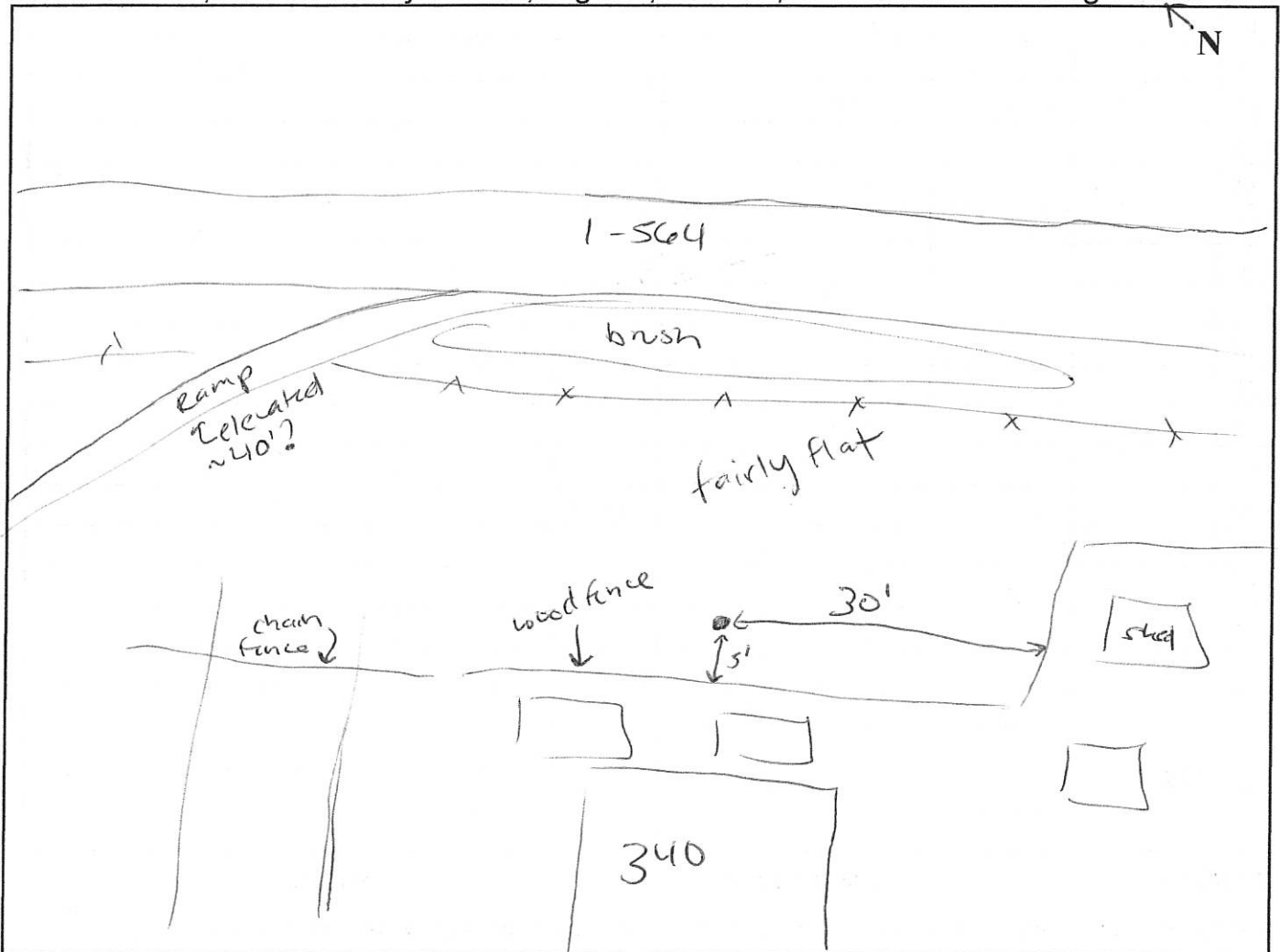
Date	Time	Level
5-Nov-15	14:55:14	114.4
5-Nov-15	15:27:18	114.4
11-Nov-15	14:08:02	94.0
11-Nov-15	14:42:49	93.9
11-Nov-15	15:45:26	94.1
11-Nov-15	16:18:46	93.9
11-Nov-15	16:37:26	93.8
11-Nov-15	17:10:45	93.7
11-Nov-15	17:33:59	93.8
11-Nov-15	18:07:11	93.8
12-Nov-15	9:00:07	94.0
12-Nov-15	9:32:27	94.0
12-Nov-15	9:50:54	94.0
12-Nov-15	10:24:48	94.0
12-Nov-15	10:57:52	94.1
12-Nov-15	11:32:36	93.9
12-Nov-15	11:55:13	94.0
12-Nov-15	12:30:42	93.9
12-Nov-15	13:56:55	93.9
12-Nov-15	14:44:38	94.0
12-Nov-15	15:06:55	94.1
12-Nov-15	15:39:36	94.1
12-Nov-15	15:58:23	94.0
12-Nov-15	16:32:25	93.8
12-Nov-15	16:58:49	94.1
12-Nov-15	17:22:28	94.0
13-Nov-15	8:20:52	94.1
13-Nov-15	8:54:32	94.1
13-Nov-15	9:17:29	94.1
13-Nov-15	9:54:37	94.0
13-Nov-15	10:05:53	94.1
13-Nov-15	10:40:31	94.1
13-Nov-15	10:57:17	94.0
13-Nov-15	11:30:52	94.0
18-Nov-15	12:48:01	94.0
18-Nov-15	13:22:36	93.9
18-Nov-15	13:54:10	94.0
18-Nov-15	14:39:01	93.9
18-Nov-15	15:00:09	94.1
18-Nov-15	15:32:35	93.9
18-Nov-15	16:05:47	94.0
18-Nov-15	16:38:47	93.8
19-Nov-15	10:58:00	94.0
19-Nov-15	11:37:53	94.0
20-Nov-15	8:20:36	94.0
20-Nov-15	8:55:42	93.9

Date	Time	Level
20-Nov-15	9:06:38	94.0
20-Nov-15	9:40:50	94.0
20-Nov-15	9:58:16	94.2
20-Nov-15	10:33:38	94.1
20-Nov-15	10:40:34	94.3
20-Nov-15	11:16:55	94.1
20-Nov-15	11:47:09	94.5
20-Nov-15	12:20:46	94.2

SHORT-TERM NOISE MEASUREMENT SITE LOG

MEASUREMENT SITE NO.: M32
 ADDRESS: 340 Bradford Ave ~~Street~~ Norfolk, VA
 OWNER: _____
 DESCRIPTION: SF
 NOISE SOURCES: I-564, Ramp, birds/insects, overflights, railroad
 NOISE MONITOR: LDH2 S/N: A0256
 MICROPHONE: LD PRM900C S/N: 0862
 CALIBRATOR: BTK 4231 S/N: 1859542

SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist.



TEMP/WEATHER: 67°F, 65% Hum
0-5mph wind

GPS COORDINATES: 36.92031, -76.27805



M32



SHORT-TERM NOISE MEASUREMENT DATA SHEET

PROJECT: Hampton Roads Crossing Study SEIS

JOB NO.: HMMH Job No. 307850.001

MEASUREMENT SITE NO.: m32

PERSONNEL: RAM

ADDRESS/DESCRIPTION: 340 Bradford Ave Norfolk

DATE: 11/11/15

*meter 1 hr ahead

#	1 Minute Period Starting	Meas'd Leq (dBA)	✓ or X	Autos	Ramp Medium Trucks	Speed Heavy Trucks	45mph ± 5mph Other Noise Sources	COMMENTS (Include Calibration Data)
1	12	62.8					crickets	PreCal: 94.0, 9.8 offset
2	13	62.4					motorcycle	
3	14	63.9					heavy trucks clanging	
4	15	59.5						
5	16	65.1		 				
6	17	59.9		~25				
7	18	62.8		~20				
8	19	59.5		~13				
9	20	62.1		~20			car over	
10	21	61.2		~10				
11	22	64.2		~20				tree clanging
12	23	65.9		~15				
13	24	62.1		~20				
14	25	62.2		~25				
15	26	63.4		~20				
16	27	64.4		~20				
17	28	62.1		~20				fast car - engine noise
18	29	61.8		~20				
19	30	61.6		~20				
20	31	63.7		~25				
21	32	61.8		~15				
22	33	65.3	✓					military plane overhead
23	34	63.8		~20				
24	35	63.3		~25				distant overflight
25	36	64.0	✓					overflight again
26	37	62.0		~20				
27	38	65.0		~25				
28	39	62.7		~20				
29	40	63.9		~20				
30	41	61.7		~15				

TOTAL Leq =

SUBSET Leq =

PostCal: 93.9, 9.8

✓ = Other sources contributed to Leq X = Exclude period - contaminated by non-characteristic sources

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<



PROJECT: 307580.001.002
 JOB NO.: _____

TRAFFIC VOLUME COUNT DATA SHEET

ASSESSMENT AREA: _____ START TIME: 11:10
 MEASUREMENT SITE NO.: M 302 END TIME: 11:35
 ADDRESS/DESCRIPTION: _____ DATE: 11.11.15
 PERSONNEL: alg, BK, EK
Avg speed = 6.3 mph

ROADWAY: 561 DIRECTION 1: NBL DIRECTION 2: SBL

First Sample: 5 minutes
 Start Time: 11:10

Automobiles	<u>112</u>	_____
Medium Trucks (6 Tires)	<u>1</u>	_____
Heavy Trucks (>6 Tires)	<u>4</u>	_____
Average speed (mph)	_____	_____

Second Sample: 5 minutes
 Start Time: 11:18

Automobiles	_____	<u>74</u>
Medium Trucks (6 Tires)	_____	<u>2</u>
Heavy Trucks (>6 Tires)	_____	<u>2</u>
Average speed (mph)	_____	_____

Third Sample: 5 minutes
 Start Time: 11:24

Automobiles	<u>124</u>	_____
Medium Trucks (6 Tires)	<u>2</u>	_____
Heavy Trucks (>6 Tires)	<u>3</u>	_____
Average speed (mph)	_____	_____

Fourth Sample: 5 minutes
 Start Time: 11:30

Automobiles	_____	<u>80</u>
Medium Trucks (6 Tires)	_____	<u>1</u>
Heavy Trucks (>6 Tires)	_____	<u>0</u>
Average speed (mph)	_____	_____



PROJECT: HRCS SEIS

JOB NO.: 307580.001

SHORT-TERM NOISE MEASUREMENT SITE LOG

ASSESSMENT AREA: _____ MEASUREMENT SITE NO.: M35

ADDRESS: NORTH END OF SOMERSET DR, CHESAPEAKE

OWNER: _____

DESCRIPTION: BACKYARD/SIDEYARD BY FIRE PIT

NOISE SOURCES: TRAFFIC ON I-664; JOLIFF ROAD; INSECTS; ACORNS

NOISE MONITOR: _____ S/N: _____

MICROPHONE: SEE DATA SHEET S/N: _____

CALIBRATOR: SITE M69 S/N: _____

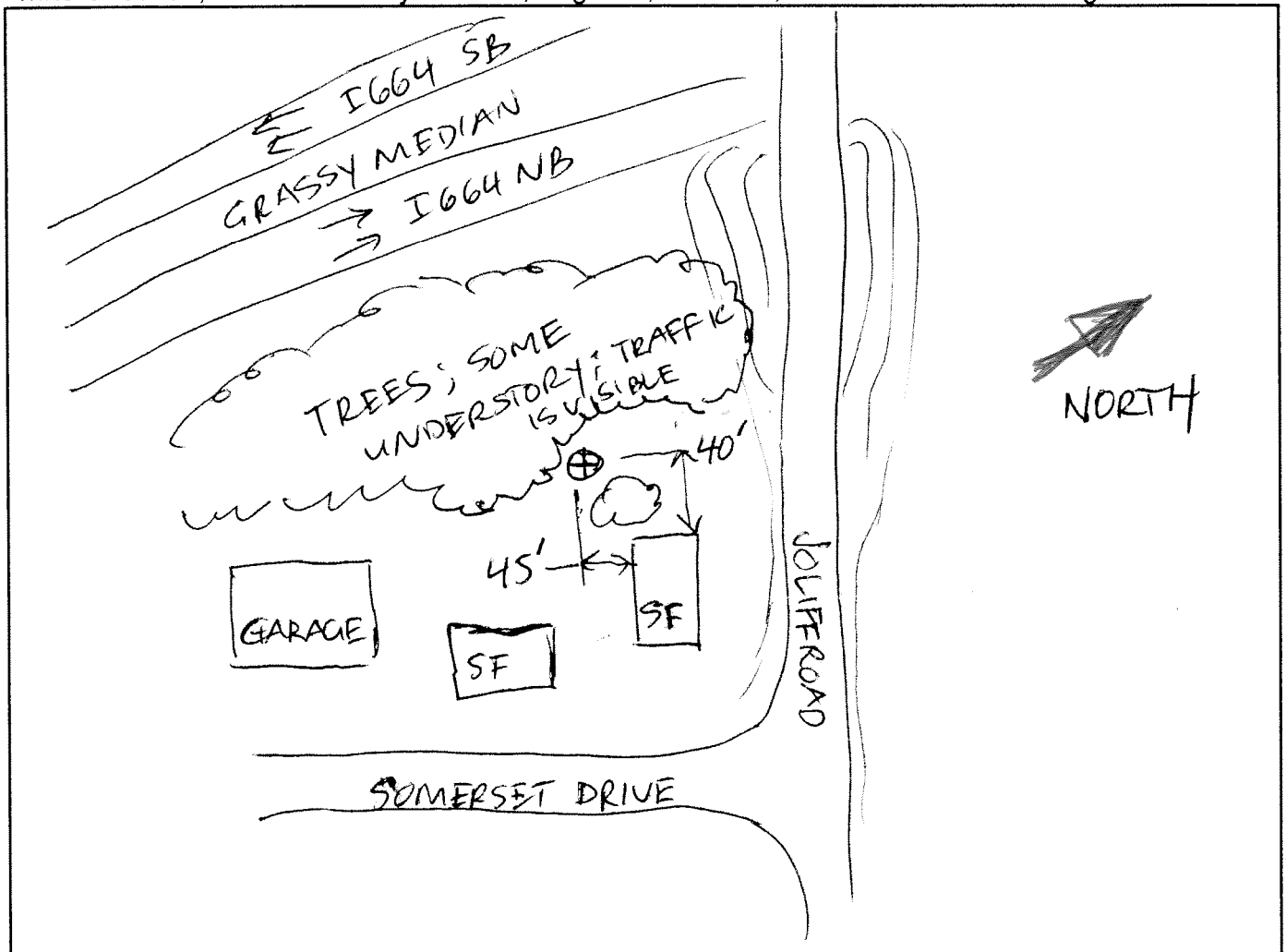
TEMP. RANGE (°F): 66°F WEATHER CONDITIONS: OVERCAST

94% RH

CALM 0-3 MPH

falling

SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist.



PHOTOS: _____

GPS COORDINATES: _____



M35



SHORT-TERM NOISE MEASUREMENT DATA SHEET

PROJECT: HRCS SEIS

JOB NO.: 307580.001

MEASUREMENT SITE NO.: M35

PERSONNEL: CJB

ADDRESS/DESCRIPTION: NORTH END OF SOMERSET, CHESAPEAKE DATE: 11/4/2015

#	Minute Period Starting	Meas'd Leq (dBA)	√ or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources	COMMENTS (Include Calibration Data)
1	1519	66.3	67.4					START CAL
2	16	67.6	67.3					114.3 dB
3	17	65.5	67.0					
4	18	64.7	67.0					
5	19	66.3	66.4					
6	20	65.6	67.4					
7	21	64.7	68.3					
8	22	65.1	67.2					
9	23	65.4	67.9					
10	24	65.8	68.2					
11	25	65.6	✓ 68.5				SMALL A/C (PISTON)	
12	26	63.4	✓ 68.8				" "	"
13	27	64.5	✓ 68.6				" "	"
14	28	64.1	67.7					
15	29	66.9						
16	30	66.9						
17	31	68.5						
18	32	67.0						
19	33	68.7						
20	34	68.6						
21	35	68.8						TRUCK MUFFLER (POOR)
22	36	67.3						
23	37	67.0						COUNTY SOLIFF ROAD (BOTH DIRECTIONS)
24	38	67.4						
25	39	67.6						
26	40	68.0	✓					DISTANT TRAIN WORN
27	41	67.5						" " AUDIBLE
28	42	68.3						" " "
29	43	67.6						
30	44	67.4						

TOTAL Leq =

SUBSET Leq =

END CAL = 114.5

√ = Other sources contributed to Leq

X = Exclude period - contaminated by non-characteristic sources

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<



PROJECT: 307580.001.002
 JOB NO.: _____

TRAFFIC VOLUME COUNT DATA SHEET

ASSESSMENT AREA: _____ START TIME: 3:15 p
 MEASUREMENT SITE NO.: M 35 END TIME: 3:45 p
 ADDRESS/DESCRIPTION: _____ DATE: 11.4.15
 _____ PERSONNEL: Alg: RVE/ke

ROADWAY: I 664 DIRECTION 1: NBL DIRECTION 2: SBL

First Sample: 5 minutes
 Start Time: 3:15

	<u>MAIN</u>	<u>RAMP</u>
Automobiles	<u>227</u>	<u>NBL 7</u>
Medium Trucks (6 Tires)	<u>13</u>	<u>1</u>
Heavy Trucks (>6 Tires)	<u>6</u>	<u>2</u>
Average speed (mph)	<u>65</u>	

Second Sample: 5 minutes
 Start Time: 3:22

	<u>RAMP SB=31</u>	<u>SBL 209</u>	<u>MAIN</u>
Automobiles			
Medium Trucks (6 Tires)	<u>5</u>	<u>20</u>	
Heavy Trucks (>6 Tires)	<u>0</u>	<u>9</u>	
Average speed (mph)		<u>63</u>	

Third Sample: 5 minutes
 Start Time: 3:32

	<u>MAIN</u>	<u>RAMP</u>
Automobiles	<u>292</u>	<u>12</u>
Medium Trucks (6 Tires)	<u>12</u>	<u>1</u>
Heavy Trucks (>6 Tires)	<u>11</u>	<u>2</u>
Average speed (mph)	<u>65</u>	

Fourth Sample: 5 minutes
 Start Time: 3:40

	<u>RAMP</u>	<u>MAIN</u>
Automobiles	<u>48</u>	<u>277</u>
Medium Trucks (6 Tires)	<u>2</u>	<u>11</u>
Heavy Trucks (>6 Tires)	<u>2</u>	<u>2</u>
Average speed (mph)		<u>66</u>

HARRIS MILLER MILLER & HANSON INC.

wipers
 WIPERS ON @ 1:40 p ~~1:44~~ spray & rain steady



PROJECT: HRCS SEIS

JOB NO.: 307580.001

SHORT-TERM NOISE MEASUREMENT SITE LOG

ASSESSMENT AREA: _____ MEASUREMENT SITE NO.: M36

ADDRESS: 1432 BRANCHVIEW WAY, CHESAPEAKE

OWNER: _____

DESCRIPTION: SIDE YARD

NOISE SOURCES: TRAFFIC ON I664; INSECTS; BIRDS

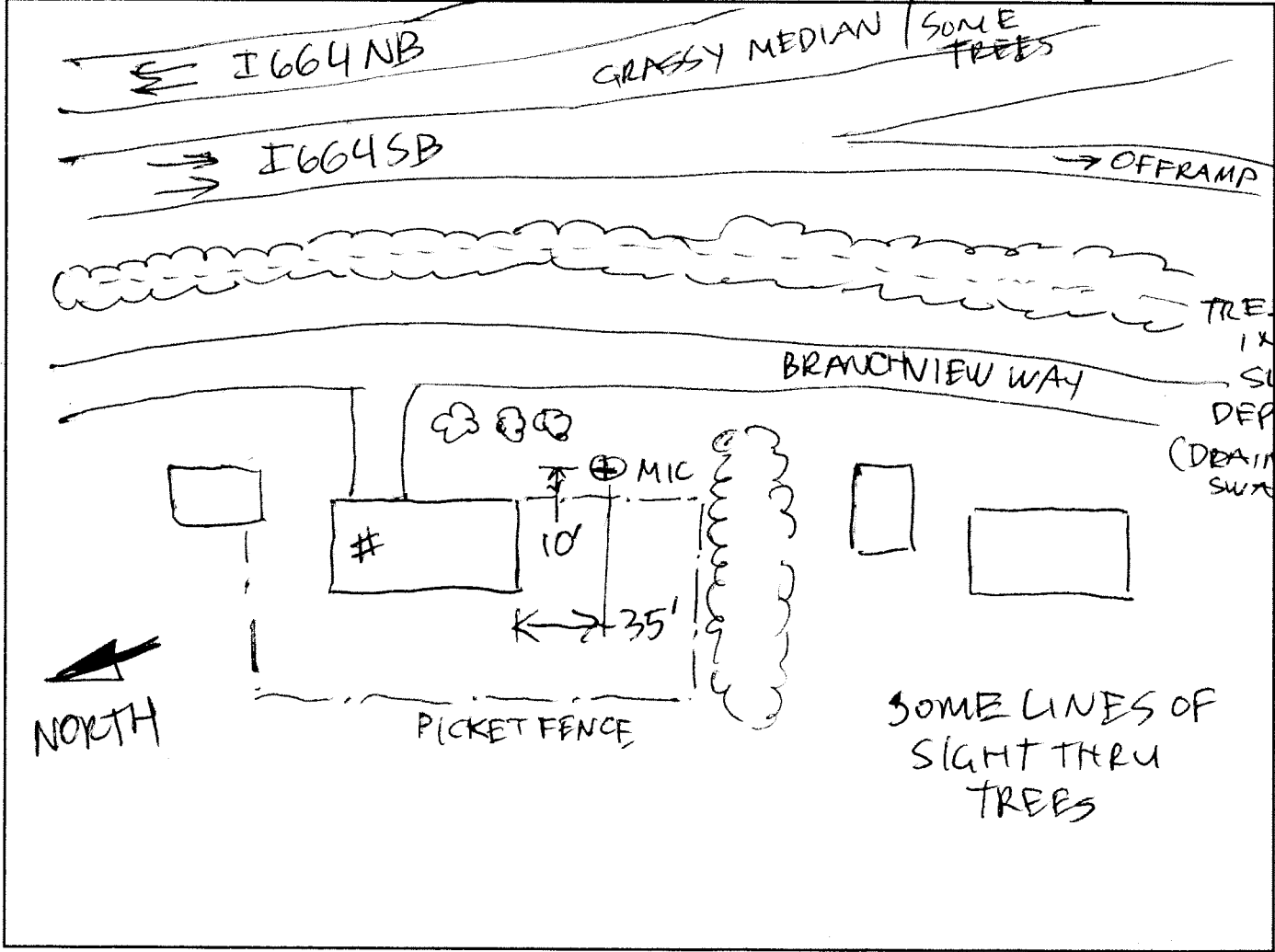
NOISE MONITOR: _____ S/N: _____

MICROPHONE: SEE DATA SHEET S/N: _____

CALIBRATOR: _____ SITE M69 S/N: _____

TEMP. RANGE (°F): 68°F - 65°F WEATHER CONDITIONS: OVERCAST
100% RH CALM

SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist.



PHOTOS: _____

GPS COORDINATES: _____



M36



SHORT-TERM NOISE MEASUREMENT DATA SHEET

PROJECT: HRCS SEIS

JOB NO.: 307580.001

MEASUREMENT SITE NO.: M36 SIDE YARD

PERSONNEL: CJB

ADDRESS/DESCRIPTION: 1432 BRANCHVIEW WAY, CHESAPEAKE DATE: 11/4/2015

#	1 Minute Period Starting	Meas'd Leq (dBA)	✓ or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources	COMMENTS (Include Calibration Data)
1	1620	65.9						START CAL
2	21	65.5						114.4 dB
3	22	66.2						
4	23	65.4						
5	24	65.8						
6	25	64.6						
7	26	64.4						
8	27	66.8						
9	28	64.3	✓				A/C (PISTON)	
10	29	65.6	✓				BIRDS	
11	30	64.5						
12	31	65.2						
13	32	65.1	✓					← HOMEOWNER STARTS DOG BARK NEXT DOOR
14	33	64.9	✓					→ CAR
15	34	65.0						
16	35	67.0	✓				SIREN ON I664 SB	
17	36	66.1						
18	37	65.2	✓				A/C (PISTON)	
19	38	64.6						
20	39	64.3						
21	40	65.4						
22	41	66.3						JAKE BRAKE (OFF RAMP)
23	42	65.1						
24	43	65.1	✓				A/C (PISTON)	
25	44	64.7						
26	45	65.0	✓					DOG BARK NEXT DOOR; MC ON 664
27	46	69.6						JAKE BRAKE (LOUD)
28	47	65.8						
29	48	64.6						
30	49	64.2						

TOTAL Leq =

SUBSET Leq =

END CAL = 114.3

✓ = Other sources contributed to Leq

X = Exclude period - contaminated by non-characteristic sources

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<



PROJECT: 307580.001.002
 JOB NO.: _____

TRAFFIC VOLUME COUNT DATA SHEET

ASSESSMENT AREA: _____ START TIME: 4:20P
 MEASUREMENT SITE NO.: M 30 END TIME: 4:55
 ADDRESS/DESCRIPTION: _____ DATE: 11-4-15
 _____ PERSONNEL: GLG: PRRK

ROADWAY: I-664 DIRECTION 1: NBL DIRECTION 2: SBL

First Sample: 5 minutes
 Start Time: 4:20P

	<u>MAN</u>	<u>NB</u> <u>RAMP</u>
Automobiles	<u>319</u>	<u>13</u>
Medium Trucks (6 Tires)	<u>6</u>	<u>1</u>
Heavy Trucks (>6 Tires)	<u>4</u>	<u>2</u>
Average speed (mph)	<u>35</u>	

Second Sample: 5 minutes
 Start Time: 4:33

	<u>SB</u> <u>RAMP</u> <u>MAN</u>	<u>MAN</u> <u>RAMP</u>
Automobiles	<u>37</u>	<u>282</u>
Medium Trucks (6 Tires)	<u>2</u>	<u>12</u>
Heavy Trucks (>6 Tires)	<u>2</u>	<u>8</u>
Average speed (mph)		<u>60</u>

Third Sample: 5 minutes
 Start Time: 4:41

	<u>MAN</u>	<u>NB</u> <u>RAMP</u>
Automobiles	<u>300</u>	<u>4</u>
Medium Trucks (6 Tires)	<u>7</u>	<u>0</u>
Heavy Trucks (>6 Tires)	<u>13</u>	<u>1</u>
Average speed (mph)	<u>30</u>	

Fourth Sample: 5 minutes
 Start Time: 4:50P

	<u>SB</u> <u>RAMP</u>	<u>MAN</u>
Automobiles	<u>44</u>	<u>275</u>
Medium Trucks (6 Tires)	<u>1</u>	<u>4</u>
Heavy Trucks (>6 Tires)	<u>1</u>	<u>2</u>
Average speed (mph)		<u>64</u>

SHORT-TERM NOISE MEASUREMENT SITE LOG

MEASUREMENT SITE NO.: M37

ADDRESS: 4355 Topsail Landing Chesapeake, VA

OWNER: _____

DESCRIPTION: SF

NOISE SOURCES: 1-664, Topsail Landing, community activity overflights

NOISE MONITOR: LD 870 #2 S/N: A0256

MICROPHONE: LD PRM 900C S/N: 0862

CALIBRATOR: BJK 4231 S/N: 1859542

SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist.



TEMP/WEATHER: 75°F, 60% Hum GPS COORDINATES: 36.90083
0-5 mph w/ some gusts slightly over -76.42817



M37



SHORT-TERM NOISE MEASUREMENT DATA SHEET

PROJECT: Hampton Roads Crossing Study SEIS

JOB NO.: HMMH Job No. 30750.001

MEASUREMENT SITE NO.: M37

PERSONNEL: RAM

ADDRESS/DESCRIPTION: 4355 Topsail Landing

DATE: 11/12/15

#	1 Minute Period Starting	Meas'd Leq (dBA)	✓ or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources	COMMENTS (Include Calibration Data)
1	14:13	69.1						PreCal: 93.9 dB, 9.8 offset
2	14	69.1						
3	15	69.6						
4	16	68.2						Some car/garage work next door
5	17	67.8						
6	18	67.7						
7	19	67.0						
8	20	70.5						
9	21	70.3						car w/ heavy door 1-664
10	22	70.1						
11	23	69.6						
12	24	69.0						
13	25	68.7						
14	26	68.8						
15	27	68.7						
16	28	69.0						
17	29	69.1						
18	30	68.2						
19	31	68.8						
20	32	69.9						
21	33	69.7						Wind gusts ~5 mph
22	34	70.1						Some car work nearby
23	35	69.3						
24	36	71.2	✓					prop directly overhead
25	37	70.6						high truck (64 WB), car gets noise
26	38	70.3						4355
27	39	68.8						
28	40	68.8						
29	41	69.3						
30	42	69.2						

TOTAL Leq = _____ SUBSET Leq = _____ PostCal: ~~93.9~~ 94.9, 9.8

✓ = Other sources contributed to Leq X = Exclude period - contaminated by non-characteristic sources

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<



PROJECT: _____
 JOB NO.: _____

TRAFFIC VOLUME COUNT DATA SHEET

*UNPAID TO TEST
 AVZ SPEED 60
 11.12.15
 160*

ASSESSMENT AREA: _____ START TIME: 2:13
 MEASUREMENT SITE NO.: M31 END TIME: 2:30
 ADDRESS/DESCRIPTION: _____ DATE: 11.12.15
 PERSONNEL: 1.5 RR & R
AVZ SPEED 60 MPH

ROADWAY: 4664 DIRECTION 1: NB DIRECTION 2: SB

First Sample: 5 minutes
 Start Time: 2:17

	<u>144</u>	<u>RMP (N) 13</u>
Automobiles	<u>4</u>	<u>0</u>
Medium Trucks (6 Tires)	<u>6</u>	<u>0</u>
Heavy Trucks (>6 Tires)	<u>11</u>	<u>0</u>
Average speed (mph)	_____	_____

Second Sample: 5 minutes
 Start Time: 2:19

	<u>4</u>	<u>180</u>
Automobiles	<u>4</u>	<u>11</u>
Medium Trucks (6 Tires)	<u>0</u>	<u>14</u>
Heavy Trucks (>6 Tires)	<u>0</u>	_____
Average speed (mph)	_____	_____

Third Sample: 5 minutes
 Start Time: 2:25

	<u>202 (N)</u>	<u>14</u>
Automobiles	<u>6</u>	<u>3</u>
Medium Trucks (6 Tires)	<u>9</u>	<u>1</u>
Heavy Trucks (>6 Tires)	_____	_____
Average speed (mph)	_____	_____

Fourth Sample: 5 minutes
 Start Time: 2:31

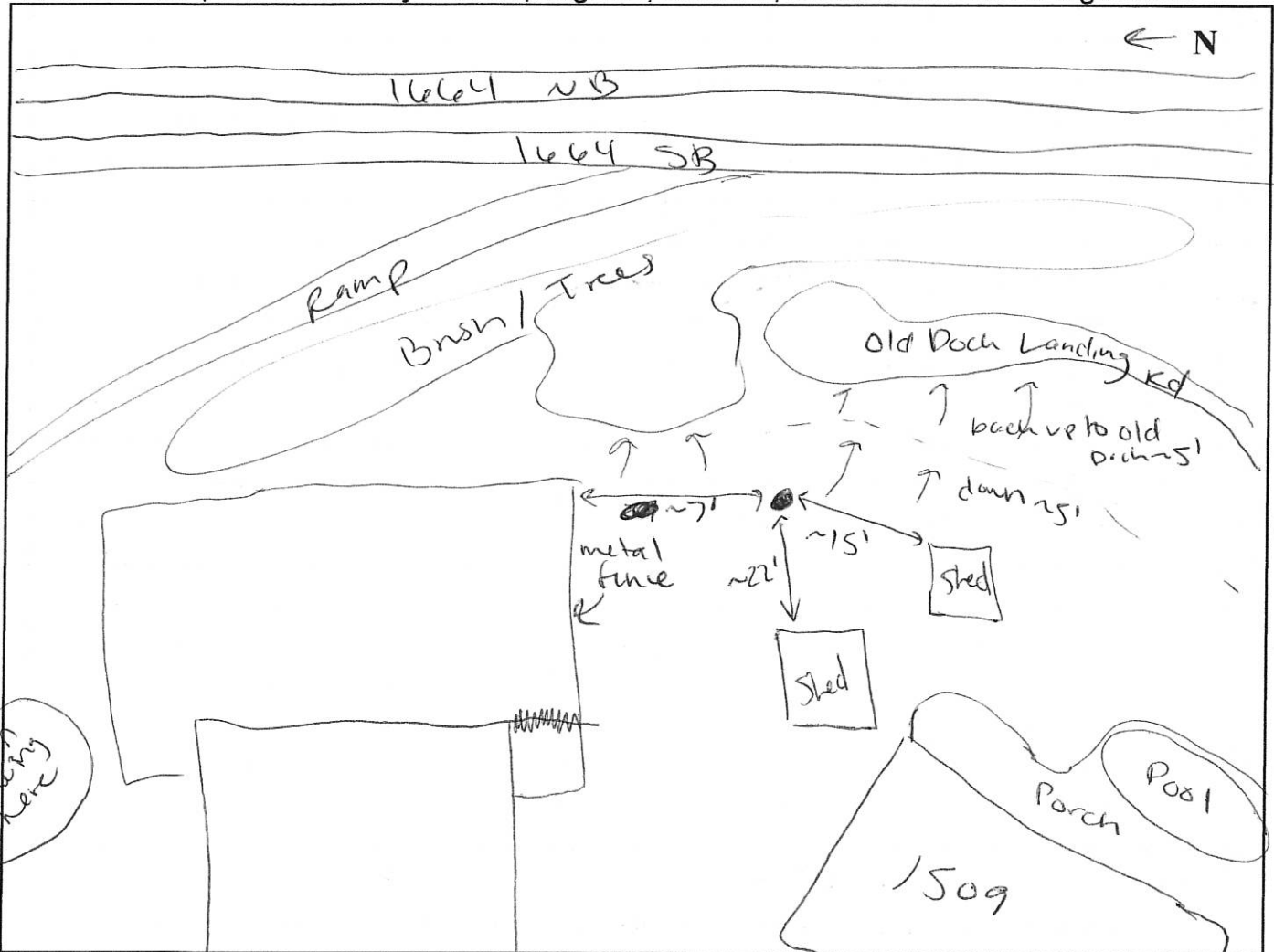
	<u>7</u>	<u>214</u>
Automobiles	<u>4</u>	<u>10</u>
Medium Trucks (6 Tires)	<u>1</u>	<u>20</u>
Heavy Trucks (>6 Tires)	_____	_____
Average speed (mph)	_____	_____

58

SHORT-TERM NOISE MEASUREMENT SITE LOG

MEASUREMENT SITE NO.: m38
 ADDRESS: 1509 James Landing
 OWNER: _____
 DESCRIPTION: SF
 NOISE SOURCES: I-664, community activity - lawn mowing, dogs, overflights, birds, wind in trees
 NOISE MONITOR: LD 870 #2 S/N: A0256
 MICROPHONE: LD PRM 900C S/N: 0862
 CALIBRATOR: BTK 4231 S/N: 1859542

SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist.



TEMP/WEATHER: 75°F, 66% Hum
0-5 mph wind, some gusts ~5 mph

GPS COORDINATES: 36.80106,
-76.43654



M38



SHORT-TERM NOISE MEASUREMENT DATA SHEET

PROJECT: Hampton Roads Crossing Study SEIS

JOB NO.: HMMH Job No. 307850.001

MEASUREMENT SITE NO.: M38

PERSONNEL: RAM

ADDRESS/DESCRIPTION: 1509 James Landing

DATE: 11/12/15

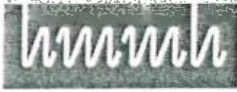
#	1 Minute Period Starting	Meas'd Leq (dBA)	✓ or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources	COMMENTS (Include Calibration Data)
1	15:09	62.4						PreCal: 94.1, 9.8 offset
2	10	61.0						
3	11	61.3						
4	12	61.0						
5	13	62.5						
6	14	62.4						lawn mowing starts 21
7	15	61.5						-not contributing jet
8	16	61.4						trk exhaust 1664
9	17	61.9						
10	18	62.1						
11	19	62.1						
12	20	62.4						
13	21	62.2						
14	22	61.6						
15	23	61.4						overflight
16	24	61.4						
17	25	62.4						car on ramp
18	26	63.0						→ here
19	27	63.4	✓					md trk on ramp overflight overhead
20	28	63.0						
21	29	62.7						car on ramp
22	30	60.9						
23	31	61.4						car on ramp x2
24	32	62.5						car on ramp
25	33	62.1						
26	34	61.7						
27	35	61.9						
28	36	61.9						
29	37	61.7						
30	38	62.0						

outed over

TOTAL Leq = _____ SUBSET Leq = _____ PostCal: 94.1, 9.8

✓ = Other sources contributed to Leq X = Exclude period - contaminated by non-characteristic sources

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<



PROJECT: _____

JOB NO.: _____

TRAFFIC VOLUME COUNT DATA SHEET

ASSESSMENT AREA: _____

START TIME: 3:09

MEASUREMENT SITE NO.: M 300

END TIME: 3:32 p

ADDRESS/DESCRIPTION: _____

DATE: 11-12-15

PERSONNEL: ALY: PRRER

AVR 50-60 60 mph

ROADWAY: _____

DIRECTION 1: NB

DIRECTION 2: SB

First Sample: 5 minutes
Start Time: 3:09

Automobiles
Medium Trucks (6 Tires)
Heavy Trucks (>6 Tires)
Average speed (mph)

* 225
5
18

(N) 24
0
0

Second Sample: 5 minutes
Start Time: 3:15

Automobiles
Medium Trucks (6 Tires)
Heavy Trucks (>6 Tires)
Average speed (mph)

9
1
1

* 280
9
17

Third Sample: 5 minutes
Start Time: 3:24

Automobiles
Medium Trucks (6 Tires)
Heavy Trucks (>6 Tires)
Average speed (mph)

* 260
9
14

(N) 17

Fourth Sample: 5 minutes
Start Time: 3:27

Automobiles
Medium Trucks (6 Tires)
Heavy Trucks (>6 Tires)
Average speed (mph)

(S) 7
0
1

* 261
10
14

58

SHORT-TERM NOISE MEASUREMENT SITE LOG

MEASUREMENT SITE NO.: M39
 ADDRESS: 4401 Old woodland Dr Chesapeake, VA
 OWNER: _____
 DESCRIPTION: SF
 NOISE SOURCES: 1-664, overflight, some wind in trees, local roadways
 NOISE MONITOR: LD 870 #2 S/N: A0256
 MICROPHONE: LD PRMA00C S/N: 0862
 CALIBRATOR: BTK 4231 S/N: 1859542

SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist.



TEMP/WEATHER: 59°F, 59% Hum, 0-5mph wind GPS COORDINATES: 36.80748, -76.43119



M39



SHORT-TERM NOISE MEASUREMENT DATA SHEET

PROJECT: Hampton Roads Crossing Study SEIS

JOB NO.: HMMH Job No. 30750.001

MEASUREMENT SITE NO.: M39

PERSONNEL: RAM

ADDRESS/DESCRIPTION: 4401 Old Woodland Dr

DATE: 11/13/15

#	1 Minute Period Starting	Meas'd Leq (dBA)	✓ or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources	COMMENTS (Include Calibration Data)
1	9:24	66.7						PreCal: 94.1, 9.8 offset
2	25	67.6						
3	26	65.5						
4	27	67.3						
5	28	66.8						car w/ music 16.4
6	29	66.1						
7	30	65.2						
8	31	66.7						
9	32	67.4						
10	33	67.2						
11	34	67.1						
12	35	68.1						
13	36	67.2						
14	37	65.5						
15	38	67.0						
16	39	66.8						
17	40	66.7						
18	41	67.0						
19	42	66.2						
20	43	64.4						
21	44	65.5						
22	45	64.8						
23	46	71.5	✓					Siren (distance approaches) pass 53.1 dBA
24	47	66.1						
25	48	65.2						
26	49	64.5						
27	50	63.7						
28	51	65.0						
29	52	64.4						
30	53	64.9						

TOTAL Leq =

SUBSET Leq =

PostCal: 94.1, 9.8

✓ = Other sources contributed to Leq X = Exclude period- contaminated by non-characteristic sources

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<



PROJECT: _____
 JOB NO.: _____

TRAFFIC VOLUME COUNT DATA SHEET

old road

ASSESSMENT AREA: _____ START TIME: 8:24
 MEASUREMENT SITE NO.: 664 END TIME: _____
 ADDRESS/DESCRIPTION: _____ DATE: 11-13-15
 PERSONNEL: alg: RK & K

Avg speed - 48 - 65 to 60 to 65 60

ROADWAY: 664 DIRECTION 1: NB DIRECTION 2: SB

First Sample: 5 minutes
 Start Time: 8:24

	DIRECTION 1:	DIRECTION 2:
Automobiles	<u>* 249</u>	<u>N/A</u>
Medium Trucks (6 Tires)	<u>12</u>	
Heavy Trucks (>6 Tires)	<u>23</u>	
Average speed (mph)		

Second Sample: 5 minutes
 Start Time: 8:30

	DIRECTION 1:	DIRECTION 2:
Automobiles	<u>N/A</u>	<u>* 217</u>
Medium Trucks (6 Tires)		<u>7</u>
Heavy Trucks (>6 Tires)		<u>20</u>
Average speed (mph)		

Third Sample: 5 minutes
 Start Time: 8:36

	DIRECTION 1:	DIRECTION 2:
Automobiles	<u>* 204</u>	<u>N/A</u>
Medium Trucks (6 Tires)	<u>15</u>	
Heavy Trucks (>6 Tires)	<u>14</u>	
Average speed (mph)		

Fourth Sample: 5 minutes
 Start Time: 8:42

	DIRECTION 1:	DIRECTION 2:
Automobiles	<u>N/A</u>	<u>* 175</u>
Medium Trucks (6 Tires)		<u>8</u>
Heavy Trucks (>6 Tires)		<u>13</u>
Average speed (mph)		

56

SHORT-TERM NOISE MEASUREMENT SITE LOG

MEASUREMENT SITE NO.: M40
 ADDRESS: On Woodland Dr across from 44 Woodland Dr to 1800 Reef Knot Ct
 OWNER: _____
 DESCRIPTION: SF
 NOISE SOURCES: #1-664, community activity, Woodland Dr & local roadways, overflights
 NOISE MONITOR: LD 870 #2 S/N: A0256
 MICROPHONE: LD PRM900C S/N: 0862
 CALIBRATOR: BJW 4231 S/N: 1859542

SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist.



TEMP/WEATHER: 71°F, 71% Hum
6-5mph wind

GPS COORDINATES: 36.80933, -76.42965



M40



SHORT-TERM NOISE MEASUREMENT DATA SHEET

PROJECT: Hampton Roads Crossing Study SEIS

JOB NO.: HMMH Job No. 307050.001

MEASUREMENT SITE NO.: m40

PERSONNEL: RAM

ADDRESS/DESCRIPTION: 4441 Woodland Dr

DATE: 11/12/15

#	1 Minute Period Starting	Meas'd Leq (dBA)	✓ or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources	COMMENTS (Include Calibration Data)
1	6:02	62.7						PreCal: 94.0, 9.8 offset
2	03	64.0						Some vehicles turning down Woodland Dr
3	04	64.8						slowly
4	05	63.8						
5	06	64.4						
6	07	64.7						Schbus @ Reef Knot
7	08	66.8	✓					turns around, backup alarm
8	09	64.0						
9	10	64.1						
10	11	62.9						
11	12	63.0						
12	13	62.8						
13	14	63.4						
14	15	63.5						
15	16	63.5						
16	17	63.4						bicyclist + runner by mike
17	18	63.2						↓ + here (runner said hi)
18	19	63.5						
19	20	63.2						
20	21	63.9						
21	22	63.2						
22	23	62.2						
23	24	64.3						
24	25	64.7						
25	26	63.9						
26	27	64.6						
27	28	63.6						US truck - wheel squeal at woodland
28	29	62.8						
29	30	63.3						
30	31	63.7						

TOTAL Leq =

SUBSET Leq =

PostCal: 93.8, 9.8

✓ = Other sources contributed to Leq X = Exclude period - contaminated by non-characteristic sources

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<



PROJECT: _____

JOB NO.: _____

TRAFFIC VOLUME COUNT DATA SHEET

ASSESSMENT AREA: _____

START TIME: 4:02p

MEASUREMENT SITE NO.: M40

END TIME: 4:29

ADDRESS/DESCRIPTION: _____

DATE: 11/20/15

PERSONNEL: gls: RPH/E

AVAR SPREAD 63 55

ROADWAY: 664

DIRECTION 1: NB

DIRECTION 2: SB

First Sample: 5 minutes
Start Time: 4:02

Automobiles	* 333	N/A
Medium Trucks (6 Tires)	12	
Heavy Trucks (>6 Tires)	16	
Average speed (mph)		

Second Sample: 5 minutes
Start Time: 4:12

Automobiles	N/A	* 325
Medium Trucks (6 Tires)		13
Heavy Trucks (>6 Tires)		11
Average speed (mph)		

Third Sample: 5 minutes
Start Time: 4:18

Automobiles	* 297	N/A
Medium Trucks (6 Tires)	9	
Heavy Trucks (>6 Tires)	5	
Average speed (mph)		

Fourth Sample: 5 minutes
Start Time: 4:24

Automobiles	N/A	* 296
Medium Trucks (6 Tires)		5
Heavy Trucks (>6 Tires)		17
Average speed (mph)		

SB

SHORT-TERM NOISE MEASUREMENT SITE LOG

MEASUREMENT SITE NO.: m41

ADDRESS: 4512 Winnie Dr Chesapeake, VA

OWNER: _____

DESCRIPTION: SF

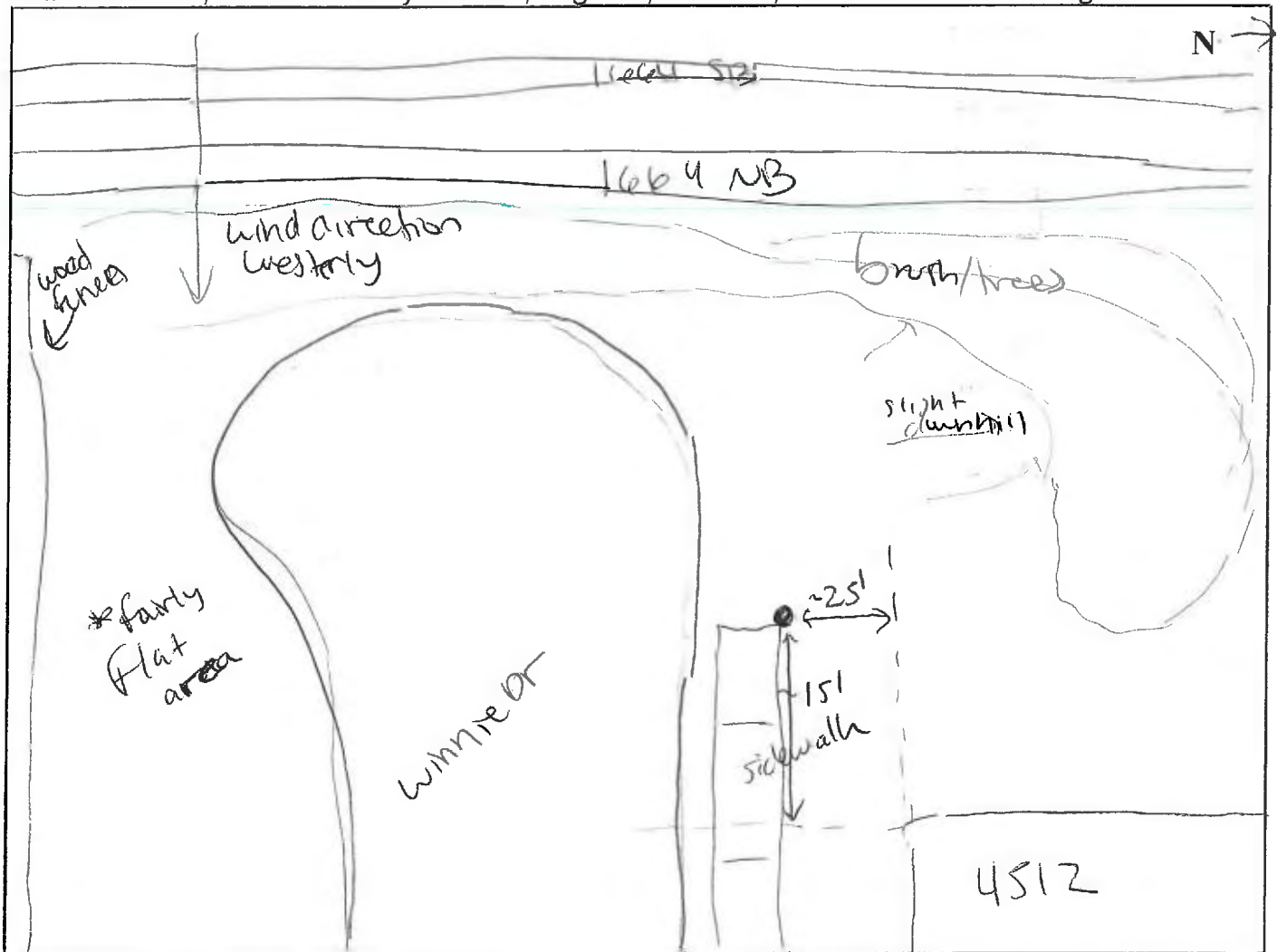
NOISE SOURCES: 1664. over flight, crickets, whd in trees
community noise

NOISE MONITOR: LD 870#2 S/N: A0256

MICROPHONE: LD PRM 905C S/N: 0862

CALIBRATOR: B&K 4231 S/N: 1859542

SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist.



TEMP/WEATHER: 65°F, 50% Hum

0-5mph wind w/ 8-9 mph gusts

GPS COORDINATES: 36.83049, -76.43216



M41



SHORT-TERM NOISE MEASUREMENT DATA SHEET

PROJECT: Hampton Roads Crossing Study SEIS

JOB NO.: HMMH Job No. 307850.001

MEASUREMENT SITE NO.: M41

PERSONNEL: RAM

ADDRESS/DESCRIPTION: 4512 W. Main St

DATE: 11/3/15

#	1 Minute Period Starting	Meas'd Leq (dBA)	✓ or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources	COMMENTS (Include Calibration Data)
1	9:24	62.7						PreCal: 94.1 dB, 9.8 offset
2	25	64.7						
3	26	63.8						
4	27	63.1						
5	28	62.0						
6	29	62.7						
7	30	63.2						long brake
8	31	64.2						
9	32	64.4						
10	33	63.9						
11	34	61.8						
12	35	64.2						
13	36	63.4						
14	37	63.6						
15	38	62.3						
16	39	62.5						
17	40	62.0						
18	41	62.5						jet overflight-high overhead
19	42	62.6						
20	43	63.0						
21	44	61.8						
22	45	61.4						"bang" - truck? gun?
23	46	61.9						brakes here, not sure what it is
24	47	61.9						
25	48	62.8						over flight
26	49	63.5						braking again...
27	50	62.5						
28	51	62.1						wind gust - empty
29	52	63.8						
30	53	63.3						

TOTAL Leq = _____ SUBSET Leq = _____ PostCal: 94.0, 9.8

✓ = Other sources contributed to Leq X = Exclude period - contaminated by non-characteristic sources

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<



PROJECT: _____
 JOB NO.: _____

WINDIE DR
 OFF GUM RD

TRAFFIC VOLUME COUNT DATA SHEET

ASSESSMENT AREA: _____ START TIME: 9:28
 MEASUREMENT SITE NO.: 1171 END TIME: 9:51
 ADDRESS/DESCRIPTION: _____ DATE: 11-18-15
 _____ PERSONNEL: 1/8: RK & K
AV32 3P320 60-65

ROADWAY: 664 DIRECTION 1: NBL DIRECTION 2: SBL

First Sample: 5 minutes
 Start Time: 9:28

Automobiles	* <u>155</u>	_____
Medium Trucks (6 Tires)	<u>11</u>	_____
Heavy Trucks (>6 Tires)	<u>25</u>	_____
Average speed (mph)	_____	_____

Second Sample: 5 minutes
 Start Time: 9:34

Automobiles	* <u>211</u>	_____
Medium Trucks (6 Tires)	<u>14</u>	_____
Heavy Trucks (>6 Tires)	<u>24</u>	_____
Average speed (mph)	_____	_____

Third Sample: 5 minutes
 Start Time: 9:40

Automobiles	* <u>166</u>	_____
Medium Trucks (6 Tires)	<u>9</u>	_____
Heavy Trucks (>6 Tires)	<u>12</u>	_____
Average speed (mph)	_____	_____

Fourth Sample: 6 minutes
 Start Time: 9:46

Automobiles	* <u>165</u>	_____
Medium Trucks (6 Tires)	<u>7</u>	_____
Heavy Trucks (>6 Tires)	<u>10</u>	_____
Average speed (mph)	_____	_____

SHORT-TERM NOISE MEASUREMENT SITE LOG

MEASUREMENT SITE NO.: M42

ADDRESS: 2914 Old Stone Way Chesapeake, VA

OWNER: _____

DESCRIPTION: MF

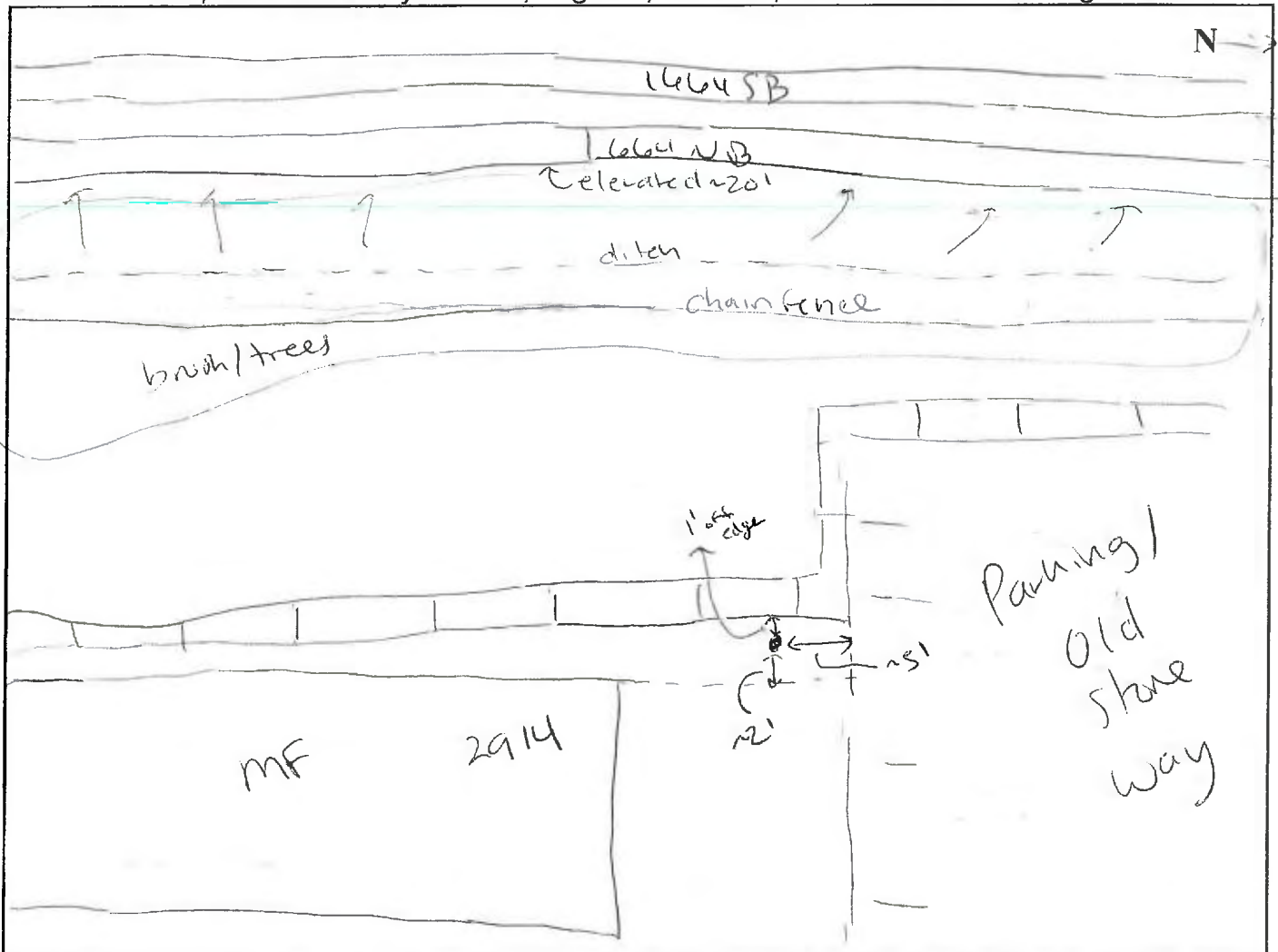
NOISE SOURCES: I-664, community activity, overflights, wind in trees, trains

NOISE MONITOR: LD 870 #2 S/N: A0256

MICROPHONE: LD PRM 900C S/N: 0862

CALIBRATOR: B&K 4231 S/N: 1859542

SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist.



TEMP/WEATHER: 62°F, 50% Hum
0.5 mph wind

GPS COORDINATES: 36.83946, -76.43298



M42



SHORT-TERM NOISE MEASUREMENT DATA SHEET

PROJECT: Hampton Roads Crossing Study SEIS

JOB NO.: HMMH Job No. 30750.001

MEASUREMENT SITE NO.: M42

PERSONNEL: RAM

ADDRESS/DESCRIPTION: 2914 Old Stone Way

DATE: 11/13/15

#	1 Minute Period Starting	Meas'd Leq (dBA)	✓ or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources	COMMENTS (Include Calibration Data)
1	10:10	63.5						PreCal: 94.1, 9.8 offset
2	11	62.8						
3	12	64.2						
4	13	66.3	✓					
5	14	74.5	✓					train horn - loud
6	15	68.0	✓					continues
7	16	63.9						
8	17	63.7						
9	18	66.3						
10	19	63.4						
11	20	66.4						
12	21	63.1						
13	22	63.9						
14	23	61.8						
15	24	65.3						
16	25	63.2						
17	26	64.3						car in lot
18	27	65.1						
19	28	64.0						
20	29	65.8						
21	30	64.1						
22	31	64.2						
23	32	65.7						
24	33	64.3						
25	34	64.4						distant overflight
26	35	63.8						
27	36	65.6						
28	37	62.1						
29	38	64.0						resident nearby on phone
30	39	61.7						

TOTAL Leq =

SUBSET Leq =

PostCal: 94.1, 9.8

✓ = Other sources contributed to Leq X = Exclude period - contaminated by non-characteristic sources

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<



PROJECT: _____
JOB NO.: _____

TRAFFIC VOLUME COUNT DATA SHEET

*old Stone Way
Big Bent
Drive*

ASSESSMENT AREA: _____ START TIME: 10:10 A
MEASUREMENT SITE NO.: M 42 END TIME: _____
ADDRESS/DESCRIPTION: _____ DATE: 11-13-05
PERSONNEL: alg: PK & K

average speed - 60 to 65

ROADWAY: 664 DIRECTION 1: NB DIRECTION 2: SB

First Sample: 5 minutes
Start Time: 10:10

Automobiles	<u>159</u>	_____
Medium Trucks (6 Tires)	<u>10</u>	_____
Heavy Trucks (>6 Tires)	<u>23</u>	_____
Average speed (mph)	_____	_____

Second Sample: 5 minutes
Start Time: 10:16

Automobiles	_____	<u>* 150</u>
Medium Trucks (6 Tires)	_____	<u>10</u>
Heavy Trucks (>6 Tires)	_____	<u>19</u>
Average speed (mph)	_____	_____

Third Sample: 5 minutes
Start Time: 10:22

Automobiles	<u>* 177</u>	_____
Medium Trucks (6 Tires)	<u>7</u>	_____
Heavy Trucks (>6 Tires)	<u>18</u>	_____
Average speed (mph)	_____	_____

Fourth Sample: 5 minutes
Start Time: 10:28

Automobiles	_____	<u>* 164</u>
Medium Trucks (6 Tires)	_____	<u>10</u>
Heavy Trucks (>6 Tires)	_____	<u>21</u>
Average speed (mph)	_____	_____

** = NB*

PROJECT: ~~XXXXXXXXXX~~ HRCS-SEIS

JOB NO: HMMH Job No. ~~XXXXXXXXXX~~ 30750.001
58

SHORT-TERM NOISE MEASUREMENT SITE LOG

MEASUREMENT SITE NO: M43

ADDRESS: 4956 Old Pughsville Rd Chesapeake, VA

OWNER: _____

DESCRIPTION: SF

NOISE SOURCES: 1-664, overflights, local roads, community activity, wind in trees

NOISE MONITOR: LD 870 #2 S/N A0256

MICROPHONE: LD PRM 900C S/N: 0862

CALIBRATOR: B&K Type 4231 S/N: ~~200XXXX~~ 1889542

SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist.



TEMP/WEATHER: 65°F, 40% Hum GPS COORDINATES: 36.84631, -76.43491
0-5 mph wind w/ 8-9 mph gust - one gust reached 13.4 mph



M43



SHORT-TERM NOISE MEASUREMENT DATA SHEET



PROJECT: ~~XXXXXXXXXX~~ LRCS-SEIS

JOB NO.: HMMH Job No. ~~XXXXXXXXXX~~ 30750.001 ⁵⁸

MEASUREMENT SITE NO.: m43

PERSONNEL: RAM

ADDRESS/DESCRIPTION: 4956 Old Pughsville Rd

DATE: 11/13/15

#	1 Minute Period Starting	Meas'd Leq (dBA)	✓ or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources	COMMENTS (Include Calibration Data)
1	11:00	58.9					car turning around	PreCal: 94.0, 9.8 offset
2	01	59.9						
3	02	57.4						
4	03	57.2						
5	04	58.7						
6	05	63.7						loud truck 1444 SB
7	06	59.1						
8	07	59.4						
9	08	60.0						
10	09	59.6						
11	10	58.5						
12	11	58.5						
13	12	57.4						
14	13	57.3						
15	14	60.1						loud truck 1444 SB
16	15	58.0						
17	16	59.3						
18	17	60.7	✓					overflight contributing
19	18	60.0						leaf blowing starts in nearby yard, audible but not loud
20	19	59.4						
21	20	58.0						
22	21	64.8			due to	truck 1444 SB		error on calibration
23	22	58.5						error on calibration
24	23	58.2						
25	24	60.6						
26	25	59.8						wind gust 13.4 mph
27	26	60.7						
28	27	59.5						lawn mowing audible
29	28	60.4						wind gust
30	29	58.7						

TOTAL Leq =

SUBSET Leq =

PostCal: 94.0, offset 9.8

✓ = Other sources contributed to Leq X = Exclude period - contaminated by non-characteristic sources

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<



PROJECT: _____
 JOB NO.: _____

TRAFFIC VOLUME COUNT DATA SHEET

*old
highway #
california*

ASSESSMENT AREA: _____ START TIME: 11:00 a
 MEASUREMENT SITE NO.: M 43 END TIME: 11:23 11:23
 ADDRESS/DESCRIPTION: _____ DATE: 11.13.15
 PERSONNEL: alg: RKEK
ALICE SPENCER 6/2/15

ROADWAY: 664 DIRECTION 1: NB DIRECTION 2: SB

First Sample: 5 minutes
 Start Time: 11:00a

Automobiles	* 188	
Medium Trucks (6 Tires)	12	
Heavy Trucks (>6 Tires)	17	
Average speed (mph)		

Second Sample: 5 minutes
 Start Time: 11:06

Automobiles		* 207
Medium Trucks (6 Tires)		8
Heavy Trucks (>6 Tires)		16
Average speed (mph)		

Third Sample: 5 minutes
 Start Time: 11:12

Automobiles	* 178	
Medium Trucks (6 Tires)	6	
Heavy Trucks (>6 Tires)	9	
Average speed (mph)		

Fourth Sample: 5 minutes
 Start Time: 11:18

Automobiles		* 188
Medium Trucks (6 Tires)		10
Heavy Trucks (>6 Tires)		14
Average speed (mph)		



PROJECT: Hampton Roads Crossing Study SEIS

JOB NO.: HMMH Job No. 307580.001



SHORT-TERM NOISE MEASUREMENT SITE LOG

MEASUREMENT SITE NO.: m44

ADDRESS: 4903 Clifton St Chesapeake, VA

OWNER: _____

DESCRIPTION: SF

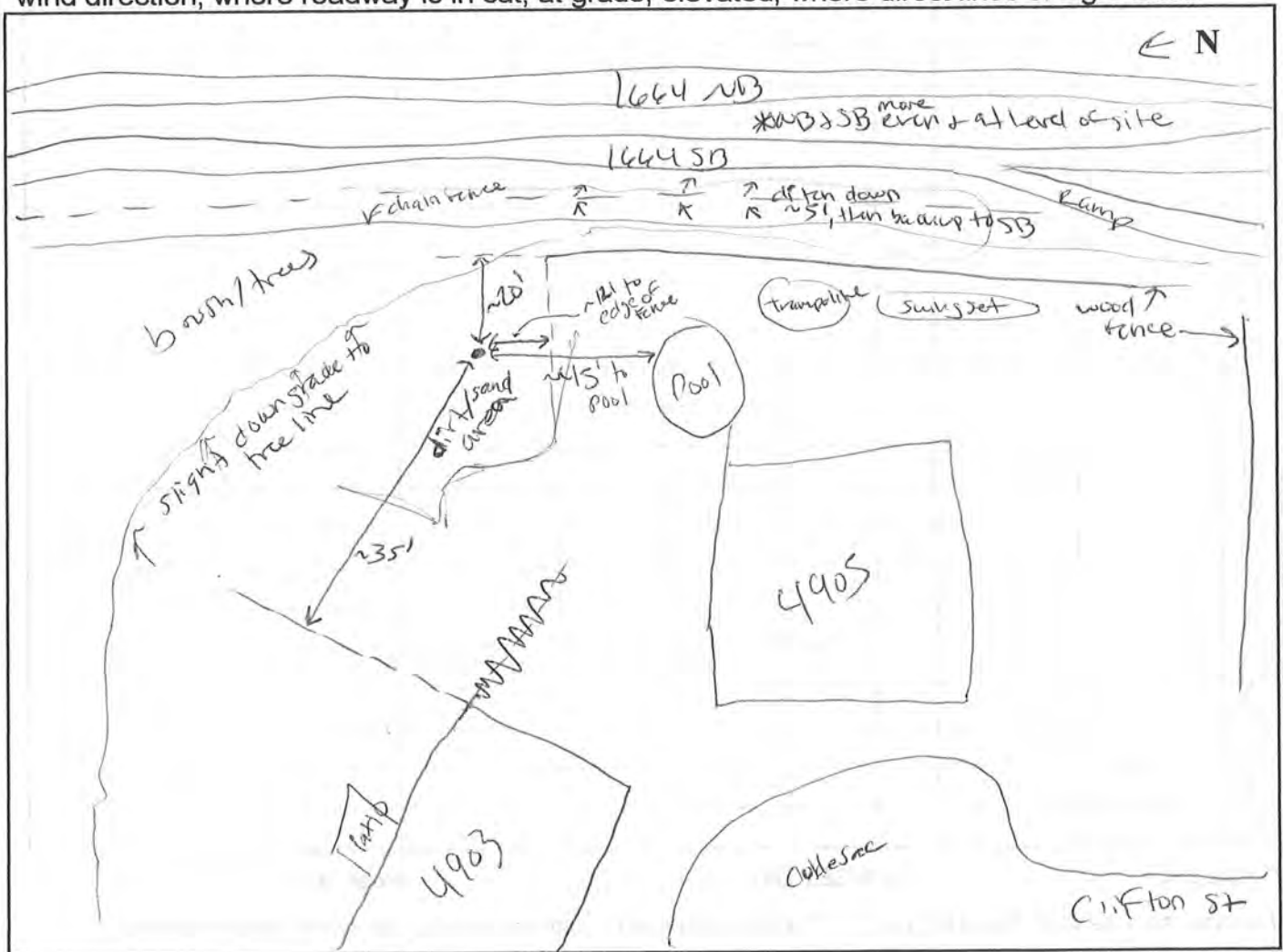
NOISE SOURCES: F6604, overflights, insects, neighbor dogs, community activity

NOISE MONITOR: LD 870 #2 S/N: A0256

MICROPHONE: LD PRM900 C S/N: 0862

CALIBRATOR: B&K 4231 S/N: 1859542

SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist.



TEMP/WEATHER: 70°F, 70% humidity, 0-5 mph wind GPS COORDINATES: 36.85223, -76.43241



M44



SHORT-TERM NOISE MEASUREMENT DATA SHEET



PROJECT: Hampton Roads Crossing Study SEIS

JOB NO.: HMMH Job No. 307580.001

MEASUREMENT SITE NO.: m44

PERSONNEL: RAM

ADDRESS/DESCRIPTION: 4903 Clifton St

DATE: 11/18/15

#	1 Minute Period Starting	Meas'd Leq (dBA)	√ or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources	COMMENTS (Include Calibration Data)
1	15:02	69.8						PreCal: 94.1 dB, offset 10 dB
2	03	69.1						
3	04	68.2						
4	05	69.1						
5	06	68.5						
6	07	70.3						
7	08	68.3						
8	09	70.4						post trk @ 4905/4903
9	10	67.9						
10	11	70.0						
11	12	68.1						
12	13	69.3						
13	14	69.3						
14	15	70.9						loud truck; brake
15	16	68.4						
16	17	69.6						sh bus in cul-de-sac
17	18	70.8	√					(might not be necessary...) overflight
18	19	68.7						
19	20	69.5						
20	21	69.7						
21	22	70.5						
22	23	70.0						
23	24	69.0						
24	25	68.5						
25	26	70.6						
26	27	69.3						
27	28	68.5						
28	29	68.8						
29	30	68.8						
30	31	68.3						

TOTAL Leq =

SUBSET Leq =

PostCal: 93.2 dB, 10 dB offset

√ = Other sources contributed to Leq X = Exclude period - contaminated by non-characteristic sources

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<



PROJECT: 307580.001
 JOB NO.: _____

TRAFFIC VOLUME COUNT DATA SHEET

ASSESSMENT AREA: _____ START TIME: 3:03 PM
 MEASUREMENT SITE NO.: M44 END TIME: _____
 ADDRESS/DESCRIPTION: _____ DATE: 11.18.15
 _____ PERSONNEL: alg: PK&K
AVR SPEED = 55-60

ROADWAY: 664 DIRECTION 1: * NB DIRECTION 2: SB

First Sample: 5 minutes
 Start Time: 3:03

	* NB	SB
Automobiles	<u>* 173</u>	<u>13</u>
Medium Trucks (6 Tires)	<u>8</u>	<u>0</u>
Heavy Trucks (>6 Tires)	<u>9</u>	<u>0</u>
Average speed (mph)	_____	_____

Second Sample: 5 minutes
 Start Time: 3:09

	* NB	SB
Automobiles	<u>* 211 (SB) 31</u>	<u>* 283</u>
Medium Trucks (6 Tires)	<u>0</u>	<u>10</u>
Heavy Trucks (>6 Tires)	<u>1</u>	<u>13</u>
Average speed (mph)	_____	_____

Third Sample: 5 minutes
 Start Time: 3:15

	* NB	SB
Automobiles	<u>* 201</u>	<u>14</u>
Medium Trucks (6 Tires)	<u>5</u>	<u>0</u>
Heavy Trucks (>6 Tires)	<u>13</u>	<u>0</u>
Average speed (mph)	_____	_____

Fourth Sample: 5 minutes
 Start Time: 3:21

	* NB	SB
Automobiles	<u>34</u>	<u>* 290</u>
Medium Trucks (6 Tires)	<u>0</u>	<u>5</u>
Heavy Trucks (>6 Tires)	<u>0</u>	<u>14</u>
Average speed (mph)	_____	_____



PROJECT: HRCS SEIS

JOB NO.: 307580.001

SHORT-TERM NOISE MEASUREMENT SITE LOG

ASSESSMENT AREA: 1664/Chesapeake MEASUREMENT SITE NO.: M45

ADDRESS: 3670 Mardian Dr Chesapeake, VA

OWNER: _____

DESCRIPTION: SF

NOISE SOURCES: 1-664, overflights, wind in trees, community activity

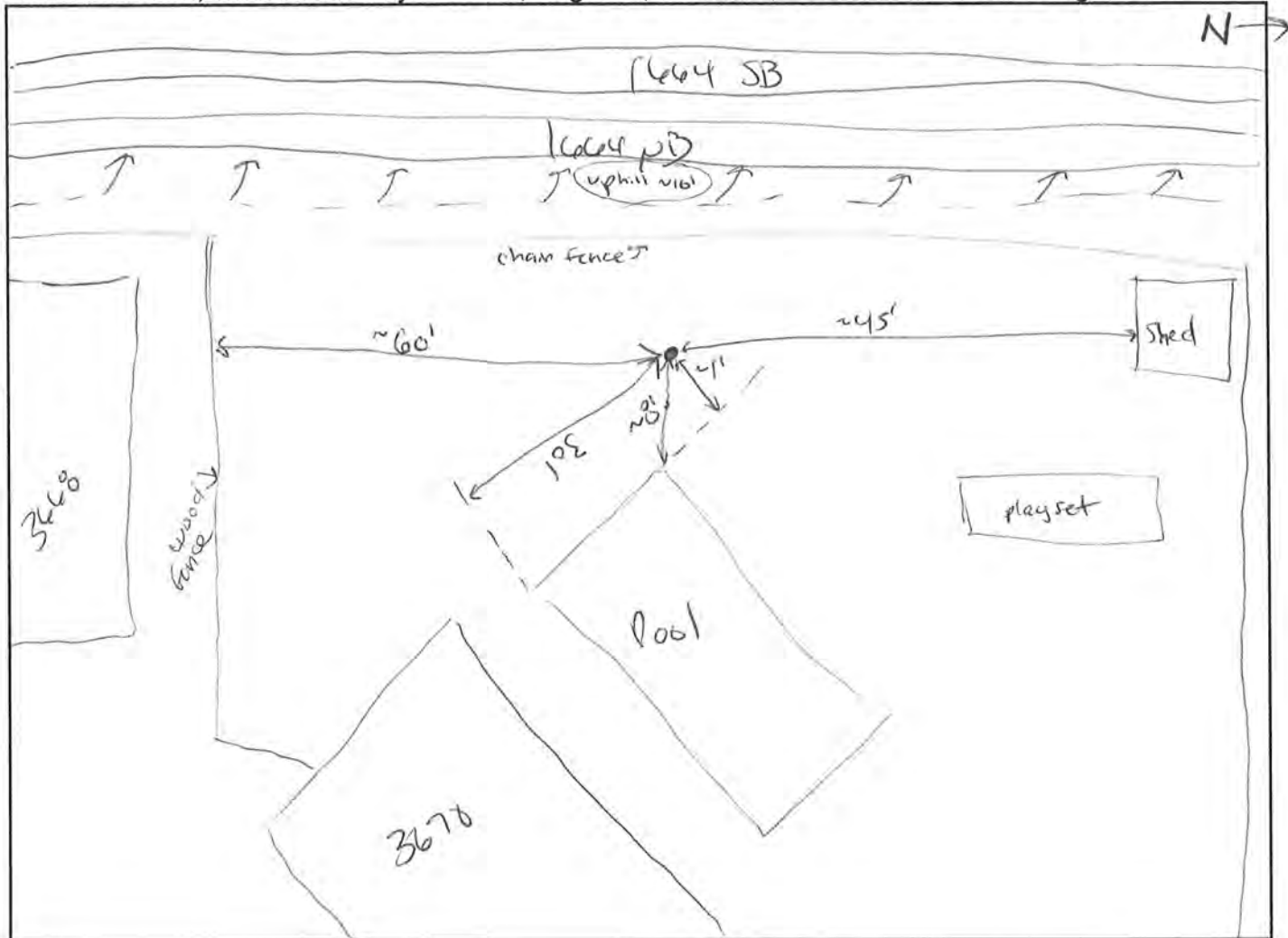
NOISE MONITOR: LD 870 #2 S/N: A0256

MICROPHONE: LD PRM 920C S/N: 08~~6~~62

CALIBRATOR: BTH 4231 S/N: 1859542

TEMP. RANGE (°F): 70°F, 70° Hum WEATHER CONDITIONS: 0-5 mph wind gusts over 5mph, 6-8 max uph

SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist.



PHOTOS: _____

GPS COORDINATES: 36.85518, -76.43016

A photograph of a backyard during autumn. In the foreground, there is a lawn with scattered brown leaves. A blue trash can is visible on the left side. In the middle ground, a wooden playset with a green slide is situated on a concrete pad. To the right, a portion of a trampoline is visible. The background is filled with trees showing various shades of green and yellow. A white building is partially visible behind the trees.

M45



SHORT-TERM NOISE MEASUREMENT DATA SHEET

→ @ least 5 mins a day here

PROJECT: HRCS SEIS

JOB NO.: 307580.001

MEASUREMENT SITE NO.: m45

PERSONNEL: RAM

ADDRESS/DESCRIPTION: 3670 mardian Dr

DATE: 11/18/15

#	1 Minute Period Starting	Meas'd Leq (dBA)	✓ or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources	COMMENTS (Include Calibration Data)
1	14:08	66.4						PreCal: 94.2 dBA offset 10.0 dBA
2	09	62.2						overflight
3	10	62.9						
4	11	64.6						
5	12	63.4						
6	13	65.3						
7	14	66.5						
8	15	64.7						
9	16	63.5						
10	17	62.9						
11	18	62.7						
12	19	64.1						
13	20	63.5						
14	21	60.6						
15	22	65.5						
16	23	63.7						
17	24	67.0						
18	25	62.0						
19	26	62.7						overflight
20	27	69.1						Thru this was due to loud truck
21	28	67.5						
22	29	66.9	✓					overflight
23	30	62.6						
24	31	66.1						wind gust
25	32	64.1						
26	33	66.1						
27	34	63.8						
28	35	63.7						
29	36	62.6						
30	37	63.4						

parking lot sound

I don't think it's necessary to exclude mins when I was talking to resident. I wasn't right next to microphone what caused high levels in a couple mins - perhaps exclude these if trouble with data

TOTAL Leq =

SUBSET Leq =

PostCAL: 93.9 dBA, 10 dBA offset

✓ = Other sources contributed to Leq

X = Exclude period - contaminated by non-characteristic sources

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<



PROJECT: 307580,001
 JOB NO.: _____

TRAFFIC VOLUME COUNT DATA SHEET

NO TRAINS

ASSESSMENT AREA: _____ START TIME: 2:08
 MEASUREMENT SITE NO.: M 45 END TIME: 2:31 p
 ADDRESS/DESCRIPTION: _____ DATE: 11-18-15
 _____ PERSONNEL: alg, PK&K

AVG SPEED = 54 to 60

ROADWAY: 664 DIRECTION 1: NB* DIRECTION 2: SB*

First Sample: 5 minutes
 Start Time: 2:08

	<u>* 152</u>	<u>(NB) PAW 8</u>
Automobiles	<u>6</u>	<u>0</u>
Medium Trucks (6 Tires)	<u>17</u>	<u>0</u>
Heavy Trucks (>6 Tires)		
Average speed (mph)		

Second Sample: 5 minutes
 Start Time: 2:14

	<u>RMS (SB) 17</u>	<u>* 190</u>
Automobiles	<u>2</u>	<u>3</u>
Medium Trucks (6 Tires)	<u>2</u>	<u>13</u>
Heavy Trucks (>6 Tires)		
Average speed (mph)		

Third Sample: 5 minutes
 Start Time: 2:20

	<u>* 166</u>	<u>(NB) PAW 8</u>
Automobiles	<u>5</u>	<u>0</u>
Medium Trucks (6 Tires)	<u>5</u>	<u>0</u>
Heavy Trucks (>6 Tires)		
Average speed (mph)		

Fourth Sample: 5 minutes
 Start Time: 2:26p

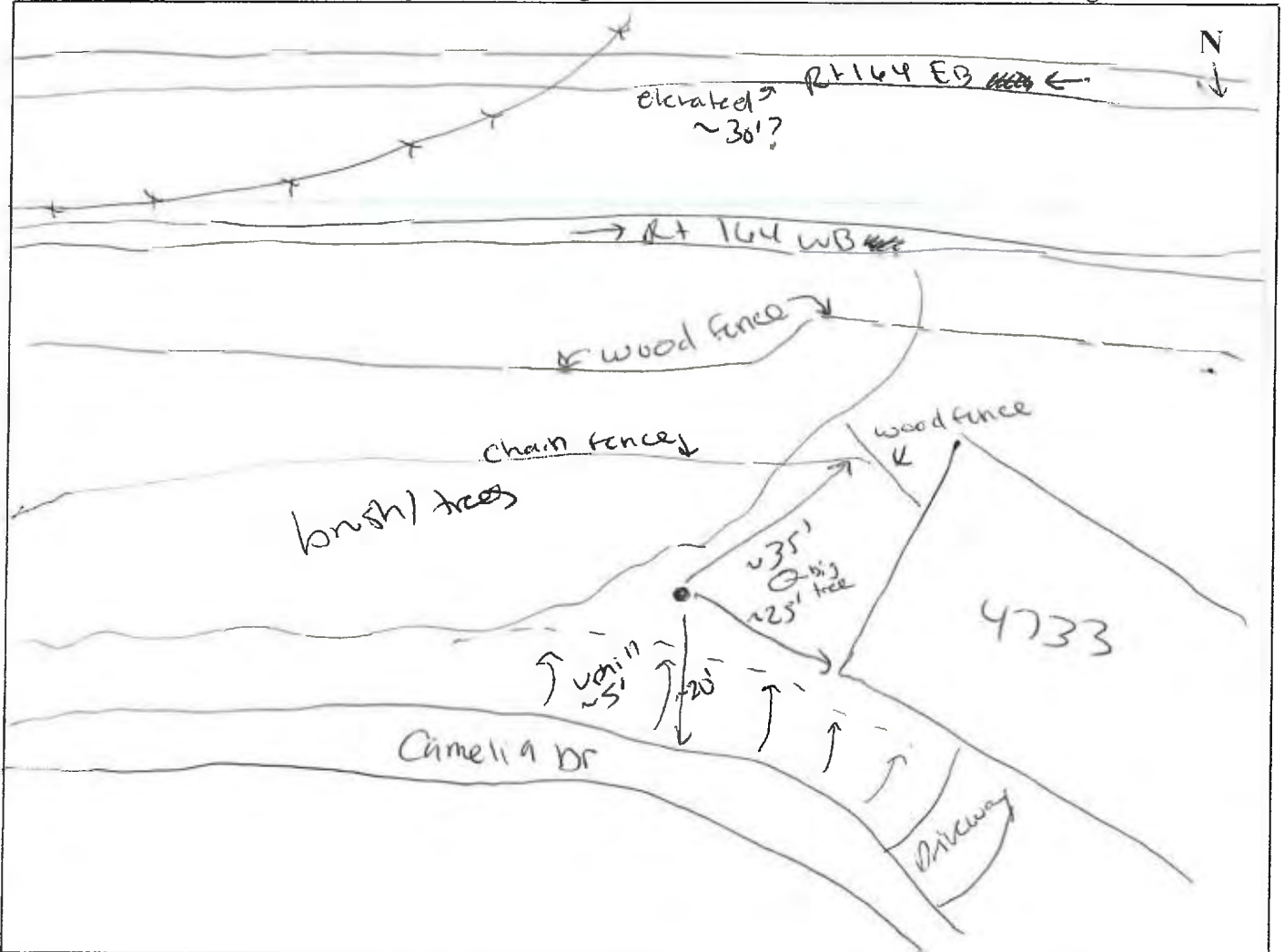
	<u>RMS (SB) 23</u>	<u>* 198</u>
Automobiles	<u>2</u>	<u>5</u>
Medium Trucks (6 Tires)	<u>0</u>	<u>21</u>
Heavy Trucks (>6 Tires)		
Average speed (mph)		

5C

SHORT-TERM NOISE MEASUREMENT SITE LOG

MEASUREMENT SITE NO.: M46
 ADDRESS: 4733 Camelia Dr ~~Richmond~~ Suffolk, VA
 OWNER: _____
 DESCRIPTION: SF
 NOISE SOURCES: Rt 164, Camelia Dr, overflight, freight train, wind in trees
 NOISE MONITOR: LD 870 AC S/N: A0254
 MICROPHONE: LD PRM 900 S/N: 0862
 CALIBRATOR: Bru 4231 S/N: 1859542

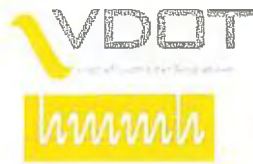
SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist.



TEMP/WEATHER: 71°F, 50% Hum GPS COORDINATES: 36.86780
-76.42588
 0-5 mph wind - seems like wind speed is higher higher up based on tall trees/leaf movement



M46



SHORT-TERM NOISE MEASUREMENT DATA SHEET

PROJECT: Hampton Roads Crossing Study SEIS

JOB NO.: HMMH Job No. 307850.001

MEASUREMENT SITE NO.: M46

PERSONNEL: RAM

ADDRESS/DESCRIPTION: 4733 Camelia Dr

DATE: 11/14/15

#	1 Minute Period Starting	Meas'd Leq (dBA)	✓ or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources	COMMENTS (Include Calibration Data)
1	12:00	68.3						PreCal: 94.0, 9.8 offset
2	01	66.4						
3	02	71.4						bus / motorcycle ^{dominant} min
4	03	66.3						R + low dominated noise
5	04	63.5						
6	05	68.1						wind in trees
7	06	68.7						
8	07	68.1						car on Camelia Dr
9	08	69.4						
10	09	67.1						
11	10	67.3						car - camelia
12	11	68.1						
13	12	68.4						
14	13	69.9						
15	14	69.4						
16	15	67.7						
17	16	66.8						
18	17	65.4						
19	18	69.4						
20	19	68.5						post truck camelia
21	20	67.3						
22	21	67.4						semi horn after passing
23	22	65.1						
24	23	66.1						overflight
25	24	69.5						truck w/ 2 exhausts, 1 brake
26	25	67.9						
27	26	67.3						
28	27	68.6						
29	28	69.2						
30	29	68.7						overflight 15 mph gust noise

TOTAL Leq =

SUBSET Leq =

PostCal: 93.9, 9.8

✓ = Other sources contributed to Leq X = Exclude period - contaminated by non-characteristic sources

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<



PROJECT: _____
 JOB NO.: _____

TRAFFIC VOLUME COUNT DATA SHEET

ASSESSMENT AREA: _____ START TIME: 12:00
 MEASUREMENT SITE NO.: 1146 END TIME: 12:23
 ADDRESS/DESCRIPTION: _____ DATE: 11-12-15
 _____ PERSONNEL: ALG: RKEK
 _____ AVR2 SPEED = 65

ROADWAY: _____ DIRECTION 1: EBL DIRECTION 2: WBL

First Sample: 5 minutes
 Start Time: 12:00

Automobiles	<u>RD (W) 27</u>	<u>* 60</u>
Medium Trucks (6 Tires)	<u>0</u>	<u>2</u>
Heavy Trucks (>6 Tires)	<u>2</u>	<u>10</u>
Average speed (mph)	_____	_____

Second Sample: 4 minutes
 Start Time: 12:04

Automobiles	<u>* 74</u>	<u>RD (E) N/A</u>
Medium Trucks (6 Tires)	<u>1</u>	_____
Heavy Trucks (>6 Tires)	<u>0</u>	_____
Average speed (mph)	_____	_____

Third Sample: 5 minutes
 Start Time: 12:12

Automobiles	<u>RD (W) 2</u>	<u>* 57</u>
Medium Trucks (6 Tires)	<u>0</u>	<u>2</u>
Heavy Trucks (>6 Tires)	<u>0</u>	<u>11</u>
Average speed (mph)	_____	_____

Fourth Sample: 5 minutes
 Start Time: 12:18

Automobiles	<u>* 79</u>	<u>RD (E) N/A</u>
Medium Trucks (6 Tires)	<u>2</u>	_____
Heavy Trucks (>6 Tires)	<u>8</u>	_____
Average speed (mph)	_____	_____

SHORT-TERM NOISE MEASUREMENT SITE LOG

MEASUREMENT SITE NO.: M47

ADDRESS: 7020 Kenny Ln Portsmouth, VA

OWNER: _____

DESCRIPTION: mf

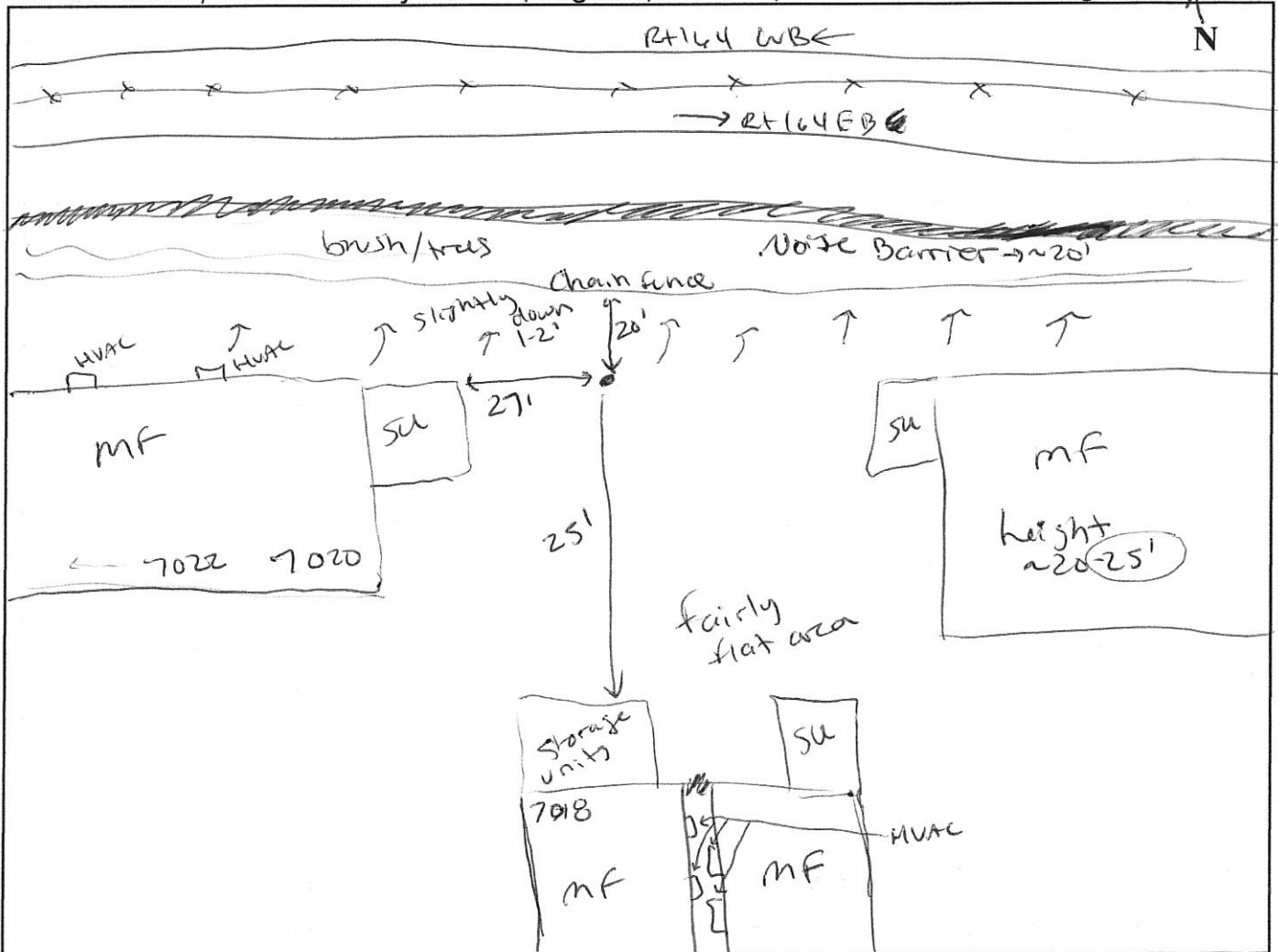
NOISE SOURCES: Rt 164, community activity - some const. work, flooding overflight, Freight trains, wind in trees

NOISE MONITOR: LD 870#2 S/N: A0256

MICROPHONE: LD PKM 900c S/N: 0862

CALIBRATOR: Bch 4231 S/N: 1859542

SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist



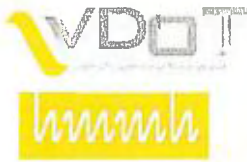
TEMP/WEATHER: 68° F, 60% Hum GPS COORDINATES: 36.86859, -76.40969
0-5 mph, up to 7 mph gusts (low speed direction here)



M47



M47



SHORT-TERM NOISE MEASUREMENT DATA SHEET

PROJECT: Hampton Roads Crossing Study SEIS

JOB NO.: HMMH Job No. 307850.001

MEASUREMENT SITE NO.: m47

PERSONNEL: RAM

ADDRESS/DESCRIPTION: 7020 Kenny Ln Portsmouth, VA

DATE: 11/12/15

#	1 Minute Period Starting	Meas'd Leq (dBA)	✓ or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources	COMMENTS (Include Calibration Data)
1	11:02	59.5						PreCal: 94.1, 9.8 offset
2	03	61.9						
3	04	60.4						
4	05	59.6						
5	06	62.3						
6	07	59.8						
7	08	59.4						
8	09	63.1	X					Maintenance cart pass by, some talking
9	10	60.7	✓					Some humidity fence nearby
10	11	59.8						distant overflight
11	12	59.1						
12	13	61.9						* wind gusts don't seem to be increasing Leq over traffic in low traffic mins, sum reads ~57 dBA w/ wind in front ~59 dBA w/ gusts
13	14	60.0						high trucks on Rt 164
14	15	60.8						
15	16	60.1	✓					prop overflight / wind gust
16	17	59.2						
17	18	60.4						helicopter? - noise
18	19	60.1						
19	20	60.4						low freq HVHC noise started nearby, not affecting level
20	21	60.2						
21	22	59.0						
22	23	60.2	✓					jet overflight
23	24	58.9						carried abit over here
24	25	57.8						hearing less high traffic near the chel
25	26	58.1						
26	27	59.9						
27	28	58.9						
28	29	58.3						
29	30	60.0						
30	31	59.8						

TOTAL Leq =

SUBSET Leq =

PostCal: 93.9, 9.8

✓ = Other sources contributed to Leq X = Exclude period - contaminated by non-characteristic sources

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<



PROJECT: _____
 JOB NO.: _____

HAZARD
 FACILITY WEST

TRAFFIC VOLUME COUNT DATA SHEET

ASSESSMENT AREA: _____ START TIME: 11:01a
 MEASUREMENT SITE NO.: M 47 END TIME: 11:26a
 ADDRESS/DESCRIPTION: _____ DATE: 11-12-15
 PERSONNEL: alg PK&K
WOL SHERIDAN 263

ROADWAY: Med 4 DIRECTION 1: EBL DIRECTION 2: WBL

First Sample: 5 minutes
 Start Time: 11:01

Automobiles	<u>* RAMP 14</u>	<u>* EBL 73</u>
Medium Trucks (6 Tires)	<u>1</u>	<u>0</u>
Heavy Trucks (>6 Tires)	<u>1</u>	<u>10</u>
Average speed (mph)	_____	_____

Second Sample: 5 minutes
 Start Time: 11:03 EB

Automobiles	<u>* WBL 59</u>	<u>* 23</u>
Medium Trucks (6 Tires)	<u>1</u>	<u>0</u>
Heavy Trucks (>6 Tires)	<u>12</u>	<u>0</u>
Average speed (mph)	_____	_____

Third Sample: 6 minutes
 Start Time: 11:15

Automobiles	<u>WEST RAMP 24</u>	<u>* WBL 75</u>
Medium Trucks (6 Tires)	<u>0</u>	<u>3</u>
Heavy Trucks (>6 Tires)	<u>1</u>	<u>10</u>
Average speed (mph)	_____	_____

Fourth Sample: 5 minutes
 Start Time: 11:21

Automobiles	<u>* WBL 23 RAMP 14</u>	<u>* 51</u>
Medium Trucks (6 Tires)	<u>0</u>	<u>3</u>
Heavy Trucks (>6 Tires)	<u>0</u>	<u>10</u>
Average speed (mph)	_____	_____

SHORT-TERM NOISE MEASUREMENT SITE LOG

MEASUREMENT SITE NO.: MU8

ADDRESS: 3909 Old Farm Rd Portsmouth, VA

OWNER: _____

DESCRIPTION: SF

NOISE SOURCES: Rt 164, overflight, wind in trees, neighbor's wind chimes

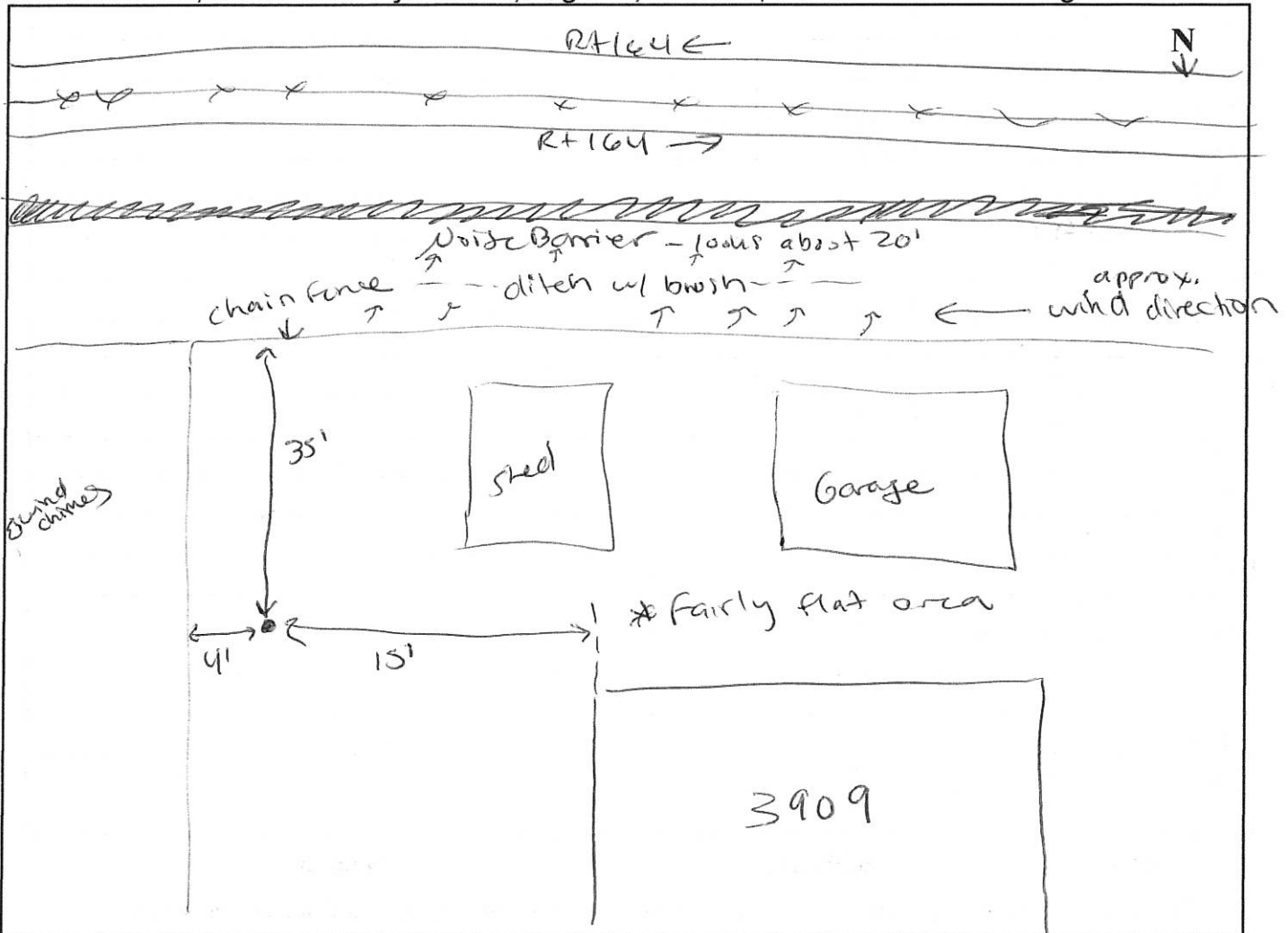
Old Farm Rd, sirens/community noise

NOISE MONITOR: LD 870 #2 S/N: A0254

MICROPHONE: LD PRM900C S/N: 0862

CALIBRATOR: BOW 4231 S/N: 1859542

SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist.



TEMP/WEATHER: 67°F, 65% Hum
0-5 mph wind, up to 9 mph gusts

GPS COORDINATES: 36.86946, -76.40916



M48



SHORT-TERM NOISE MEASUREMENT DATA SHEET

PROJECT: Hampton Roads Crossing Study SEIS

JOB NO.: HMMH Job No. 307050.001

MEASUREMENT SITE NO.: my8

58

PERSONNEL: RAM

ADDRESS/DESCRIPTION: 3909 old farm Rd

DATE: 11/12/15

#	1 Minute Period Starting	Meas'd Leq (dBA)	√ or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources	COMMENTS (Include Calibration Data)
1	9:54	59.8						PreCal: 94.0, offset 9.8
2	55	58.9						
3	56	60.5	√					jet overflight-contaminating
4	57	59.4						
5	58	60.4						
6	59	60.5						chimes
7	10:00	60.2						overflight
8	01	59.8						
9	02	58.0						
10	03	57.4						overflight
11	04	57.9						
12	05	60.6	√					acorns hitting tripod/fence
13	06	59.3						
14	07	59.2						
15	08	59.3						
16	09	58.9						
17	10	59.3						overflight
18	11	60.2						siren starts
19	12	58.4						more sirens in distance
20	13	59.0						
21	14	59.1						gmpb wind gust
22	15	59.8						
23	16	58.9						
24	17	60.5						
25	18	59.8						
26	19	58.9						
27	20	60.1						wind gust
28	21	59.4						FedEx truck on old farm
29	22	59.1						
30	23	60.1						wind gust

TOTAL Leq =

SUBSET Leq =

PostCal: 94.0, 9.8

√ = Other sources contributed to Leq X = Exclude period - contaminated by non-characteristic sources

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<



PROJECT: _____
 JOB NO.: _____

TRAFFIC VOLUME COUNT DATA SHEET

FACILITY WEST (N)
 9:40 AM: TRAW PARKED WB (QUIET)

ASSESSMENT AREA: _____ START TIME: 10:25
 MEASUREMENT SITE NO.: M48 END TIME: 10:34
 ADDRESS/DESCRIPTION: _____ DATE: 11.12.15
 _____ PERSONNEL: ALG, RIK, K
8V34 SPEED 65

ROADWAY: 164 DIRECTION 1: NBL (E) DIRECTION 2: SBL (W)

First Sample: 5 minutes
 Start Time: 10:25

	<u>64</u>	<u>(NB RMP) 14</u>
Automobiles	<u>* 64</u>	<u>14</u>
Medium Trucks (6 Tires)	<u>4</u>	<u>1</u>
Heavy Trucks (>6 Tires)	<u>13</u>	<u>0</u>
Average speed (mph)	_____	_____

Second Sample: 5 minutes
 Start Time: 10:30

	<u>West (SB RMP)</u>	<u>* 67</u>
Automobiles	<u>7</u>	<u>67</u>
Medium Trucks (6 Tires)	<u>0</u>	<u>3</u>
Heavy Trucks (>6 Tires)	<u>0</u>	<u>13</u>
Average speed (mph)	<u>63</u>	<u>63</u>

Third Sample: 5 minutes
 Start Time: 10:35

	<u>* 72</u>	<u>(NB) 23</u>
Automobiles	<u>72</u>	<u>23</u>
Medium Trucks (6 Tires)	<u>9</u>	<u>1</u>
Heavy Trucks (>6 Tires)	<u>9</u>	<u>0</u>
Average speed (mph)	_____	<u>0</u>

Fourth Sample: 5 minutes
 Start Time: 10:39

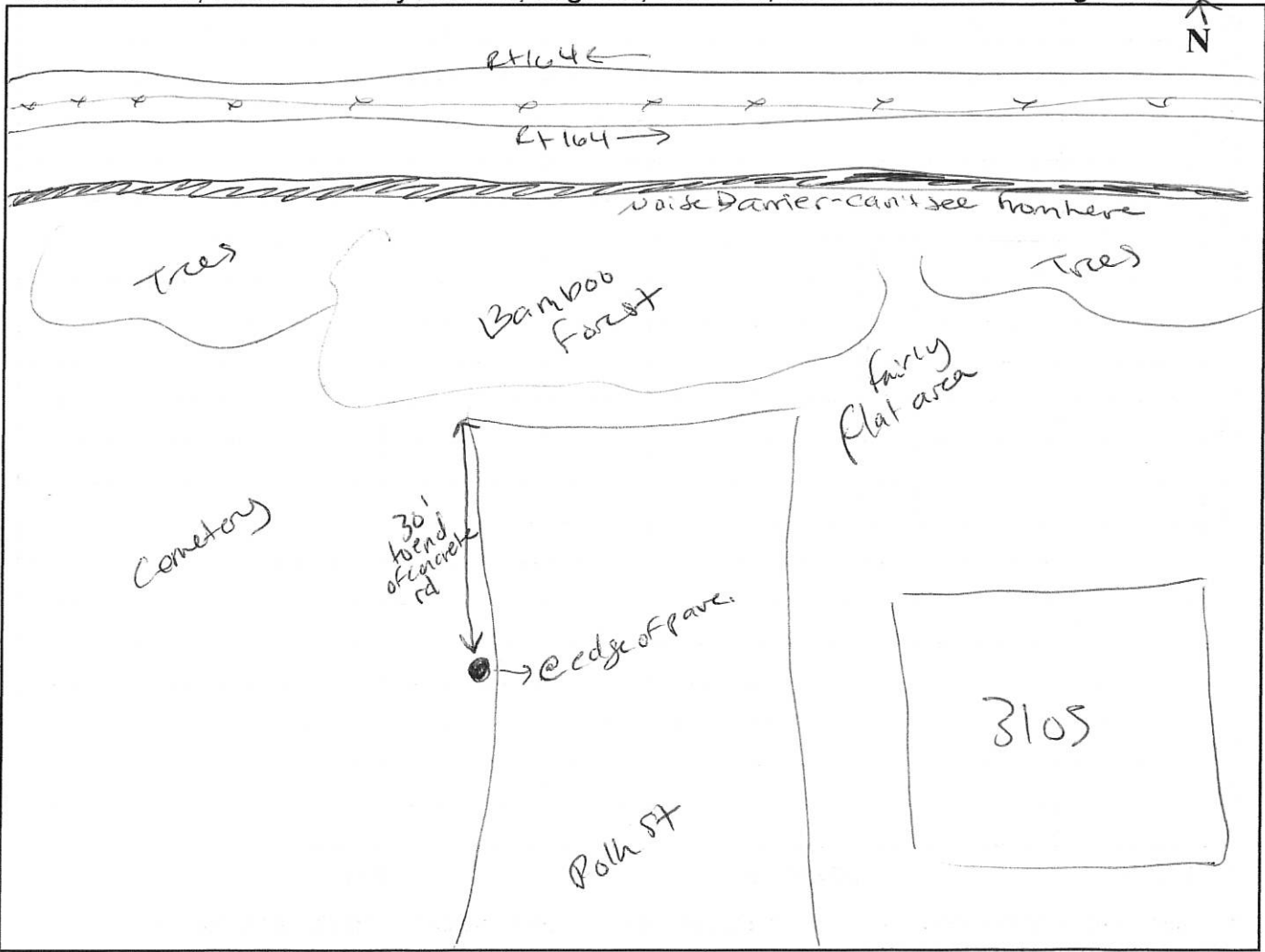
	<u>(West) (RMP) 13</u>	<u>* 73</u>
Automobiles	<u>13</u>	<u>73</u>
Medium Trucks (6 Tires)	<u>0</u>	<u>1</u>
Heavy Trucks (>6 Tires)	<u>0</u>	<u>13</u>
Average speed (mph)	_____	<u>63</u>

* denotes NA

SHORT-TERM NOISE MEASUREMENT SITE LOG

MEASUREMENT SITE NO.: M49
 ADDRESS: 3105 Polk ~~St~~ Portsmouth, VA
 OWNER: _____
 DESCRIPTION: SF
 NOISE SOURCES: Rt 164, wind in trees, local roadway traffic, community noise, overflights, freight trains
 NOISE MONITOR: LD 870 #2 S/N: A0254
 MICROPHONE: LD PRma00c S/N: 0862
 CALIBRATOR: Bru 4231 S/N: 1859542

SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist.



TEMP/WEATHER: 62°F, 70% Hum
0-3mph wind

GPS COORDINATES: 36.87034
-76.39699



M49



SHORT-TERM NOISE MEASUREMENT DATA SHEET

PROJECT: Hampton Roads Crossing Study SEIS

JOB NO: HMMH Job No. 307830.001

MEASUREMENT SITE NO.: m49

PERSONNEL: PAM

ADDRESS/DESCRIPTION: 3105 Polk ~~St~~ St

DATE: 11/24/15

#	1 Minute Period Starting	Meas'd Leq (dBA)	✓ or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources	COMMENTS (Include Calibration Data)
1	9:02	52.8						PreCal: 94.0, 9.8 offset
2	03	52.1						
3	04	53.0						
4	05	51.2						
5	06	51.3						
6	07	51.7						distant siren (train?)
7	08	51.0						
8	09	51.7						distant siren
9	10	51.5						bird
10	11	51.0						
11	12	51.3						
12	13	51.4						
13	14	52.5						
14	15	51.4						
15	16	51.0						
16	17	52.6						
17	18	52.9						
18	19	51.4						
19	20	52.8						
20	21	51.5						
21	22	51.9						car horns in distance
22	23	52.5						
23	24	51.7						
24	25	50.3						
25	26	51.3						
26	27	51.9						
27	28	52.4	✓					wind gusts, overflight
28	29	52.8	✓					also prop noise overhead
29	30	51.1						
30	31	51.4						

TOTAL Leq =

SUBSET Leq =

PostCal: 94.0, 9.8

✓ = Other sources contributed to Leq X = Exclude period- contaminated by non-characteristic sources

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<



PROJECT: _____
 JOB NO.: _____

FACING EAST

TRAFFIC VOLUME COUNT DATA SHEET

ASSESSMENT AREA: _____ START TIME: 9:01
 MEASUREMENT SITE NO.: M49 END TIME: 9:24
 ADDRESS/DESCRIPTION: _____ DATE: 11.12.15
 _____ PERSONNEL: alg PKJK
ALZE SIGLY 65

ROADWAY: 164 DIRECTION 1: NBL (E) DIRECTION 2: SBL W

First Sample: 5 minutes
 Start Time: 9:01

	<u>78</u>	<u>20</u>
Automobiles	*	EAST RMP (15)
Medium Trucks (6 Tires)	<u>2</u>	<u>0</u>
Heavy Trucks (>6 Tires)	<u>11</u>	<u>1</u>
Average speed (mph)	_____	_____

Second Sample: 5 minutes
 Start Time: 9:06

	<u>21</u>	<u>68</u>
Automobiles	(WEST -> RMP)	*
Medium Trucks (6 Tires)	<u>8</u>	<u>1</u>
Heavy Trucks (>6 Tires)	<u>1</u>	<u>16</u>
Average speed (mph)	_____	_____

Third Sample: 5 minutes
 Start Time: 9:15

	<u>87</u>	<u>29</u>
Automobiles	*	EAST RMP
Medium Trucks (6 Tires)	<u>4</u>	<u>1</u>
Heavy Trucks (>6 Tires)	<u>9</u>	<u>0</u>
Average speed (mph)	<u>45</u>	_____

Fourth Sample: 5 minutes
 Start Time: 9:21

	<u>18</u>	<u>47</u>
Automobiles	WEST RMP	*
Medium Trucks (6 Tires)	<u>0</u>	<u>2</u>
Heavy Trucks (>6 Tires)	<u>0</u>	<u>16</u>
Average speed (mph)	_____	<u>63</u>

↑
1
6
4
↓
↑
TRD
OVERPASS
↓

* denotes ND

Signature
 alg

SHORT-TERM NOISE MEASUREMENT SITE LOG

MEASUREMENT SITE NO.: m50

ADDRESS: 6229 Hightower Rd Portsmouth, VA

OWNER: _____

DESCRIPTION: mf

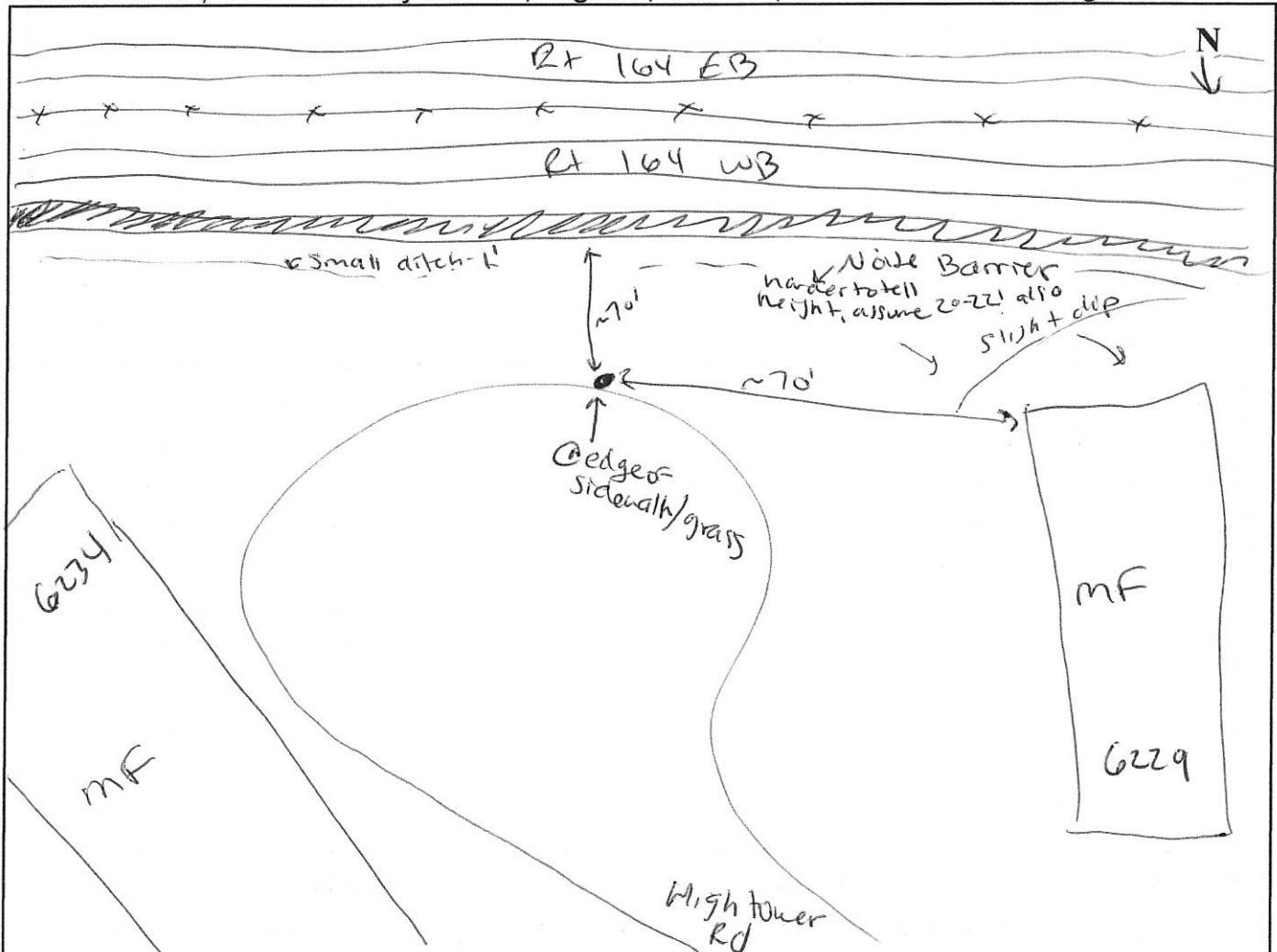
NOISE SOURCES: Rt 164, neighborhood noise - kids, cars on Hightower Rd + parking lots, overflights, train, birds

NOISE MONITOR: LD 970 #2 S/N: A0256

MICROPHONE: LD PRM900C S/N: 0062

CALIBRATOR: B&K 4231 S/N: 1859542

SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist.



TEMP/WEATHER: 63°F, 70% Hum
almost no wind

GPS COORDINATES: 36.87226, -76.39554



M50



M50



SHORT-TERM NOISE MEASUREMENT DATA SHEET

PROJECT: Hampton Roads Crossing Study SEIS

JOB NO.: HMMH Job No. 30780.001

58

MEASUREMENT SITE NO.: MS0

PERSONNEL: Ram

ADDRESS/DESCRIPTION:

DATE: 11/11/15

1 hr ahead

#	1 Minute Period Starting	Meas'd Leq (dBA)	✓ or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources	COMMENTS (Include Calibration Data)
1	16:30	56.9	X				kids talking nearby	PreCal: 93.8, 91.8
2	37	54.9	X				car into lot distant	overflight
3	38	58.2	✓	ok				louder here
4	39	55.5						
5	40	55.5						overflight -
6	41	54.5	✓					train moving
7	42	55.4	✓					horn, still hearing some low
8	43	55.6	✓					train note
9	44	55.8	✓					train clang, exhaust, stopped?
10	45	53.6						
11	46	54.7						
12	47	55.2						can still hear train idling
13	48	55.2						kids talking nearby
14	49	55.7						
15	50	58.6	✓					train bells/horn, moving
16	51	57.4	✓					the screech - accident?
17	52	58.6	✓					UPS truck - high tower
18	53	56.9	✓					* no more train
19	54	55.8			good min			UPS truck leaving
20	55	55.6						
21	56	54.6						
22	57	58.8	✓					car - truck/train horn outside car
23	58	57.3						people yelling
24	59	55.7						
25	17:00	57.3						
26	01	55.4						
27	02	57.5						
28	03	55.0						
29	04	54.9						
30	05	59.7						

TOTAL Leq = SUBSET Leq = PostCal: 93.8, 91.8 offset

✓ = Other sources contributed to Leq X = Exclude period - contaminated by non-characteristic sources

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<



PROJECT: 307580.001.002
 JOB NO.: _____

TRAFFIC VOLUME COUNT DATA SHEET

ASSESSMENT AREA: _____ START TIME: 4:30
 MEASUREMENT SITE NO.: M 50 END TIME: 4:54
 ADDRESS/DESCRIPTION: _____ DATE: 11-11-16
 _____ PERSONNEL: ALG: RKR & R
 _____ *Speed 57 mph = 1.5*

ROADWAY: 164 DIRECTION 1: NBL DIRECTION 2: SBL

First Sample: 5 minutes
 Start Time: 4:30

Automobiles	<u>140</u>	
Medium Trucks (6 Tires)	<u>2</u>	
Heavy Trucks (>6 Tires)	<u>8</u>	
Average speed (mph)		

Second Sample: 5 minutes
 Start Time: 4:32

Automobiles		<u>95</u>
Medium Trucks (6 Tires)		<u>2</u>
Heavy Trucks (>6 Tires)		<u>2</u>
Average speed (mph)		

Third Sample: 5 minutes
 Start Time: 4:37

Automobiles	<u>145</u>	
Medium Trucks (6 Tires)	<u>3</u>	
Heavy Trucks (>6 Tires)	<u>2</u>	
Average speed (mph)		

Fourth Sample: 5 minutes
 Start Time: 4:54

Automobiles	<u>73</u>	<u>73</u>
Medium Trucks (6 Tires)	<u>4</u>	<u>4</u>
Heavy Trucks (>6 Tires)	<u>3</u>	<u>3</u>
Average speed (mph)		

SHORT-TERM NOISE MEASUREMENT SITE LOG

MEASUREMENT SITE NO.: MS1

ADDRESS: 5229 Crabtree Pl Portsmouth VA (side yard) ^{close to}

OWNER: _____

DESCRIPTION: SF

NOISE SOURCES: RT 164, birds/insects, overflights, railroad, residential noise-dogs, house work

NOISE MONITOR: LD 876 #2

S/N: A0256

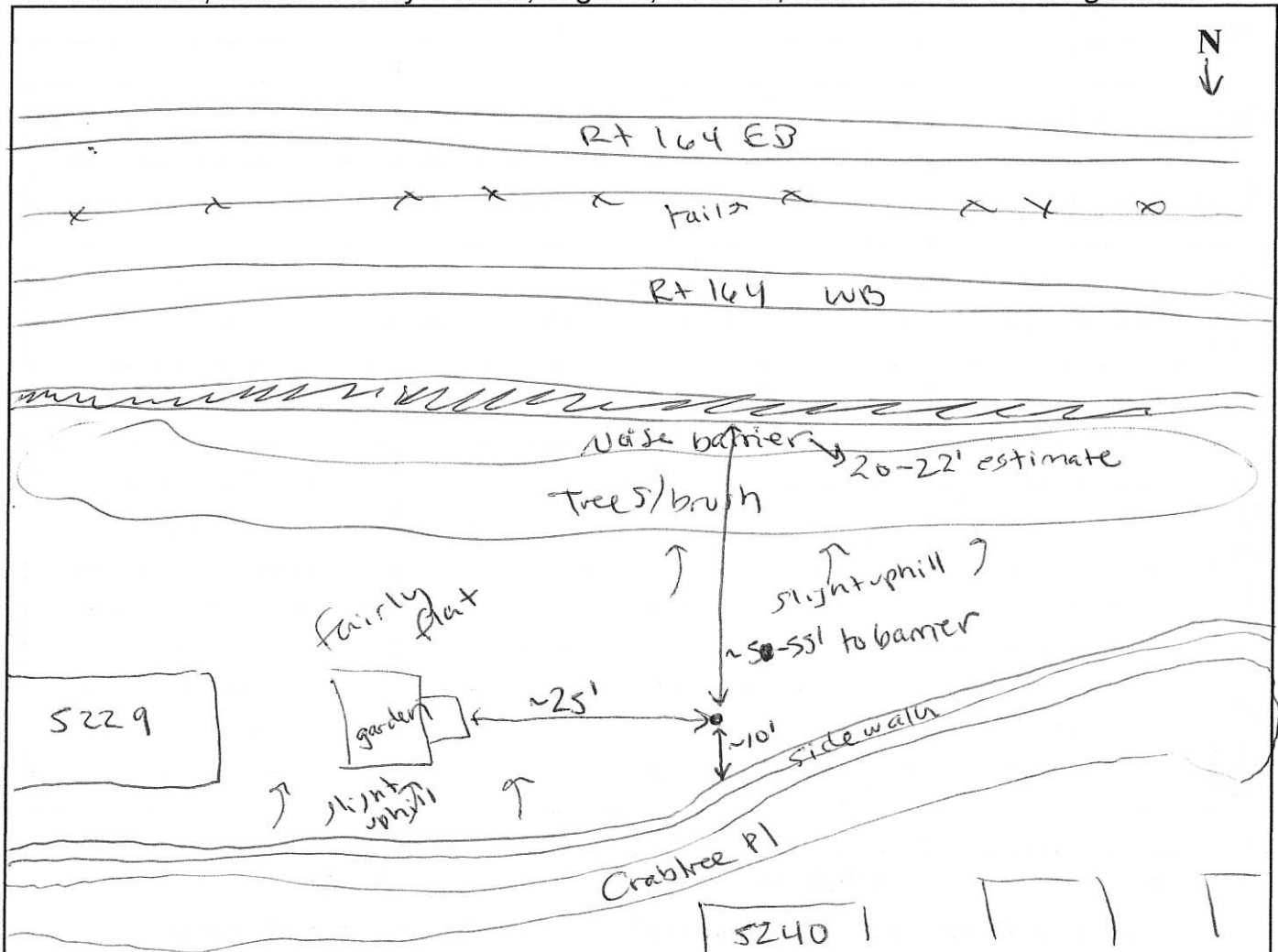
MICROPHONE: LD PRM 900C

S/N: 0862

CALIBRATOR: BZK4231

S/N: 1859542

SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist.



TEMP/WEATHER: 65°F, 65% Hum, 6-5 mph wind

GPS COORDINATES: 36.87241, -76.38582



M51



SHORT-TERM NOISE MEASUREMENT DATA SHEET

PROJECT: Hampton Roads Crossing Study SEIS

JOB NO.: HMMH Job No. 30750.001

MEASUREMENT SITE NO.: m51

58

PERSONNEL: RAM

ADDRESS/DESCRIPTION: 5229 Crabtree PI Portsmouth

DATE: 11/11/15

*actor
ahead

#	1 Minute Period Starting	Meas'd Leq (dBA)	✓ or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources	COMMENTS (Include Calibration Data)
1	15:39	55.1						PreCal: 93.8 dB, 9.8 offset
2	40	54.2						
3	41	54.7						
4	42	55.5						
5	43	53.8						Some dog barking nearby
6	44	54.1						
7	45	56.1						
8	46	54.9						distant siren approaching - didn't get close
9	47	53.4						
10	48	56.1						
11	49	54.7						
12	50	55.4						
13	51	54.0						
14	52	55.0						
15	53	53.3						
16	54	53.7						
17	55	54.4						
18	56	54.0						
19	57	58.6						
20	58	55.1						
21	59	59.4	✓					train - short
22	16:00	54.9						↳ may have stopped + contributing, but not contributing
23	01	54.2						
24	02	54.8						- car pulls up nearby (car lock) - distant aircraft
25	03	55.3						ped walking dog
26	04	55.2						
27	05	57.9						couldn't tell anything else like a train, probably just loud trucks made this higher
28	06	54.5						
29	07	55.0						some tools in yard nearby, but behind houses + shielded
30	08	54.6						

TOTAL Leq =

SUBSET Leq =

PostCal: 93.7, 9.8

✓ = Other sources contributed to Leq X = Exclude period - contaminated by non-characteristic sources

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<



PROJECT: 307580.001.002
 JOB NO.: _____

TRAFFIC VOLUME COUNT DATA SHEET

ASSESSMENT AREA: _____ START TIME: 3:39
 MEASUREMENT SITE NO.: M51 END TIME: 4:04
 ADDRESS/DESCRIPTION: _____ DATE: 11.11.15
 PERSONNEL: alg, PK, KR
AVG 12730 = 125

ROADWAY: 104 DIRECTION 1: NB DIRECTION 2: SB

First Sample: 5 minutes
 Start Time: _____

Automobiles	<u>* 125</u>	_____
Medium Trucks (6 Tires)	<u>1</u>	_____
Heavy Trucks (>6 Tires)	<u>9</u>	_____
Average speed (mph)	_____	_____

Second Sample: 5 minutes
 Start Time: 3:45

Automobiles	_____	<u>* 80</u>
Medium Trucks (6 Tires)	_____	<u>0</u>
Heavy Trucks (>6 Tires)	_____	<u>2</u>
Average speed (mph)	_____	_____

Third Sample: 5 minutes
 Start Time: 3:51

Automobiles	<u>* 127</u>	_____
Medium Trucks (6 Tires)	<u>2</u>	_____
Heavy Trucks (>6 Tires)	<u>10</u>	_____
Average speed (mph)	_____	_____

Fourth Sample: 5 minutes
 Start Time: 3:59

Automobiles	_____	<u>* 76</u>
Medium Trucks (6 Tires)	_____	<u>0</u>
Heavy Trucks (>6 Tires)	_____	<u>7</u>
Average speed (mph)	_____	_____

* = 1/2

SHORT-TERM NOISE MEASUREMENT SITE LOG

MEASUREMENT SITE NO.: MS2

ADDRESS: 5414 Lilac Crescent Portsmouth, VA

OWNER: _____

DESCRIPTION: SF - 1 story

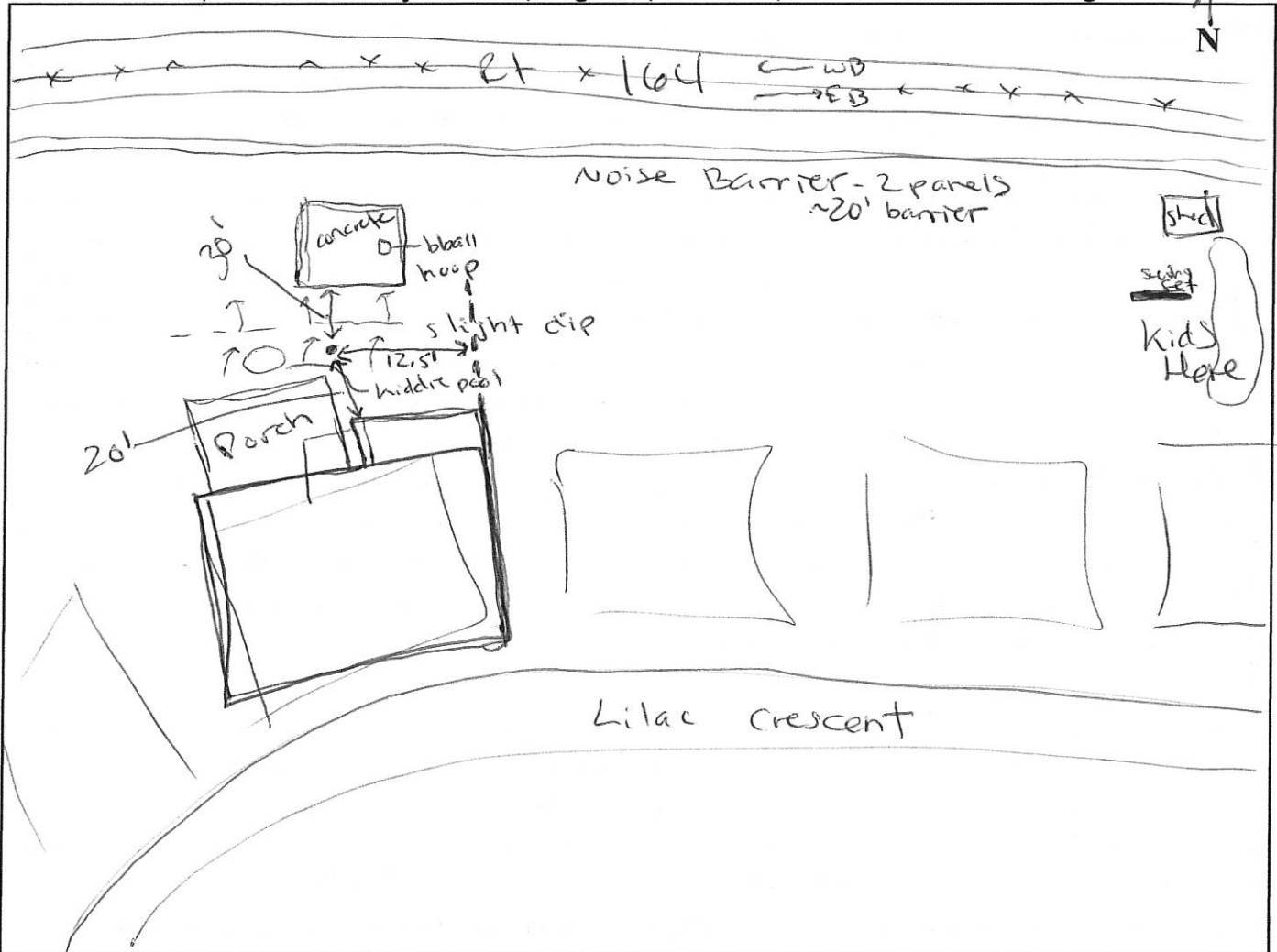
NOISE SOURCES: Rt 164, kids in neighborhood, birds/insects
some wind in trees, overflights

NOISE MONITOR: LD 870 #2 S/N: A0254

MICROPHONE: LD PRM 960c S/N: 0862

CALIBRATOR: BorK 4231 S/N: 1859542

SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist.



TEMP/WEATHER: 70°F 60% Hum
0-5 mph wind

GPS COORDINATES: 36.87232
-76.38376



M52



SHORT-TERM NOISE MEASUREMENT DATA SHEET

PROJECT: Hampton Roads Crossing Study SEIS

JOB NO.: HMMH Job No. 307850.001

MEASUREMENT SITE NO.: MS2

58

PERSONNEL: RAM

ADDRESS/DESCRIPTION: 5414 Lilac Crescent

DATE: 11/11/15

* meter
1 hr ahead

#	1 Minute Period Starting	Meas'd Leq (dBA)	✓ or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources	COMMENTS (Include Calibration Data)
1	14:48	55.5						PreCal: 94.1, 9.8 offset
2	49	55.9					kid scream - playing	
3	50	56.6					motorcycle? - Rt 164	
4	51	54.1						
5	52	55.0						
6	53	55.1						
7	54	56.4						
8	55	55.1						truck clang
9	56	55.3						~ 5 mph wind gusts
10	57	52.7						
11	58	56.5						
12	59	53.4						
13	15:00	59.4	✓					prop overflight
14	01	54.3						
15	02	54.8						helicopter
16	03	61.5	✓					here
17	04	62.4	✓					helicopter overhead
18	05	58.1						→ not sure if helicopter spilled over here but keep as is - could have been by train
19	06	54.3						
20	07	53.0						
21	08	54.9						who's! might be train!
22	09	56.2						can't see but think so
23	10	60.1	✓					heavy trucks - 63 dB - maybe thru barrier
24	11	61.6	✓					Squeal - train
25	12	58.3	✓					
26	13	57.0	✓					
27	14	56.4						↓ this one ok
28	15	58.8	✓					train clang, MS still - release exhaust - loud!
29	16	56.0						
30	17	56.7						

4
get
train
about
61 dB

TOTAL Leq = _____ SUBSET Leq = _____ PostCal: 94, 9.8

✓ = Other sources contributed to Leq X = Exclude period - contaminated by non-characteristic sources

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<



PROJECT: 307580.001 .002
 JOB NO.: _____

TRAFFIC VOLUME COUNT DATA SHEET

ASSESSMENT AREA: _____ START TIME: 2:47
 MEASUREMENT SITE NO.: M52 END TIME: 3:11
 ADDRESS/DESCRIPTION: _____ DATE: 11.11.15
 PERSONNEL: ALG; AK; R
AVENUE SP320 MIN (56) TO MAX (61)

ROADWAY: 164 DIRECTION 1: NBL DIRECTION 2: SBL

First Sample: 5 minutes
 Start Time: 2:47

Automobiles	<u>* 123</u>	_____
Medium Trucks (6 Tires)	<u>5</u>	_____
Heavy Trucks (>6 Tires)	<u>10</u>	_____
Average speed (mph)	_____	_____

Second Sample: 5 minutes
 Start Time: 2:53

Automobiles	_____	<u>* 84</u>
Medium Trucks (6 Tires)	_____	<u>1</u>
Heavy Trucks (>6 Tires)	_____	<u>8</u>
Average speed (mph)	_____	_____

Third Sample: 5 minutes
 Start Time: 3:00

Automobiles	<u>* 120</u>	_____
Medium Trucks (6 Tires)	<u>2</u>	_____
Heavy Trucks (>6 Tires)	<u>10</u>	_____
Average speed (mph)	_____	_____

Fourth Sample: 5 minutes
 Start Time: 3:06

Automobiles	_____	<u>* 79</u>
Medium Trucks (6 Tires)	_____	<u>0</u>
Heavy Trucks (>6 Tires)	_____	<u>14</u>
Average speed (mph)	_____	_____

* denotes main LANE



PROJECT: Hampton Roads Crossing Study SEIS

JOB NO.: HMMH Job No. 307580.001

SHORT-TERM NOISE MEASUREMENT SITE LOG

MEASUREMENT SITE NO.: M53

ADDRESS: 5010 Huntersville Pl Suffolk, VA

OWNER: _____

DESCRIPTION: SF

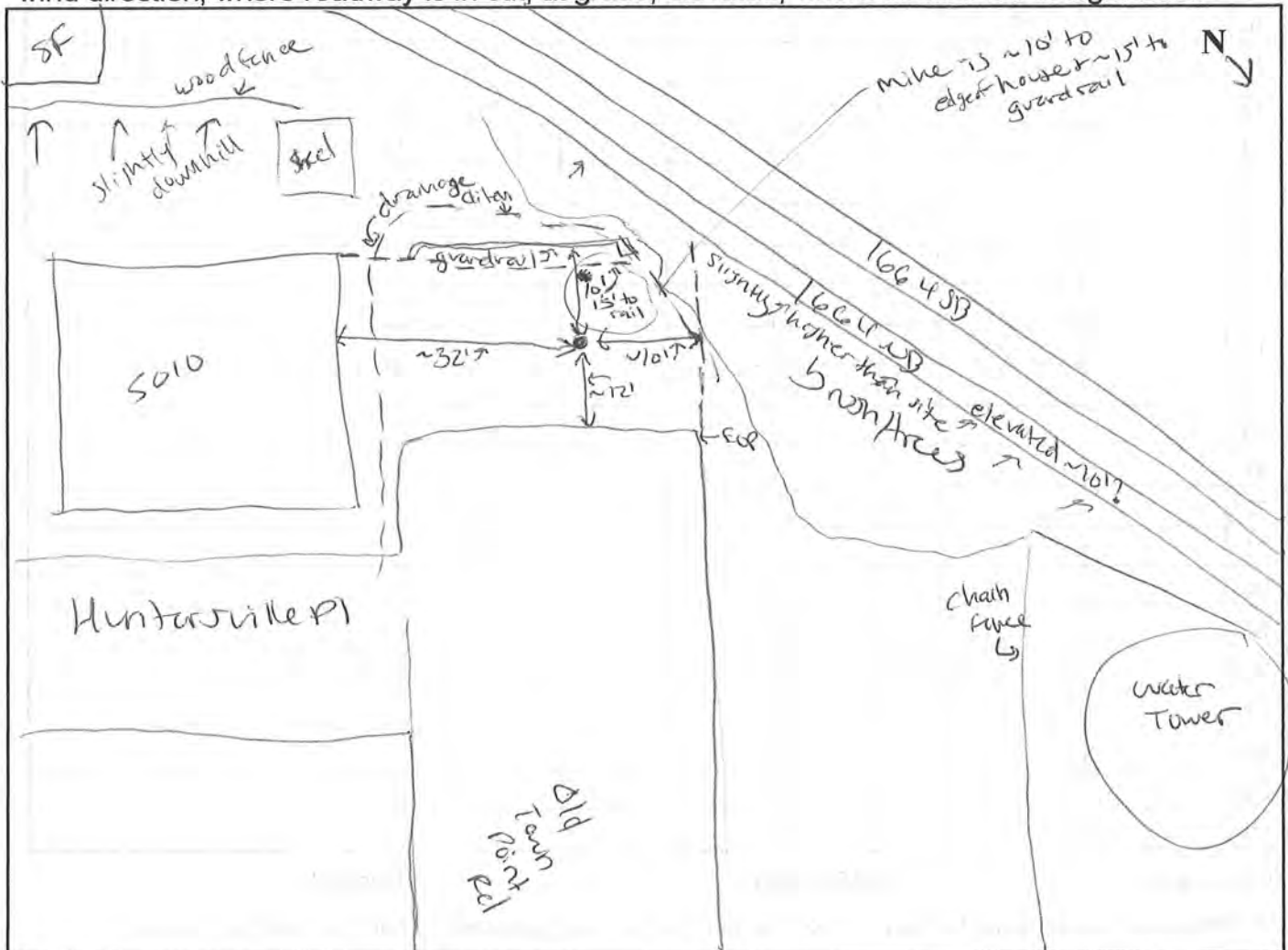
NOISE SOURCES: 1664, birds, wind in trees, overflights, community activity

NOISE MONITOR: LD 870 #2 S/N: A0256

MICROPHONE: LD PRM900 C S/N: 0862

CALIBRATOR: B&K 4231 S/N: 1859542

SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist.



TEMP/WEATHER: 70°F, 70% Hum GPS COORDINATES: 36.87312, -76.43274
0-5 mph wind, some gusts just over Smith, Grid max



M53



SHORT-TERM NOISE MEASUREMENT DATA SHEET



PROJECT: Hampton Roads Crossing Study SEIS

JOB NO.: HMMH Job No. 307580.001

MEASUREMENT SITE NO.: MS3

PERSONNEL: RAM

ADDRESS/DESCRIPTION: 5010 Huntersville Pl

DATE: 11/18/15

#	1 Minute Period Starting	Meas'd Leq (dBA)	✓ or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources	COMMENTS (Include Calibration Data)
1	12:52	61.5						PreCal: 94.0 dB, 10dB offset
2	53	61.9						
3	54	61.1						
4	55	62.0						car Hintersville Rd
5	56	62.8						
6	57	63.3						
7	58	60.7						
8	59	61.2						low j brake end
9	13:00	62.5						
10	01	64.9						
11	02	61.3						
12	03	63.4						
13	04	61.7						
14	05	64.4						
15	06	61.3						truck horn
16	07	63.0						
17	08	62.4						
18	09	64.9	✓					overflight/wind gusts
19	10	60.4						
20	11	61.2						
21	12	61.1						
22	13	65.8						no extra noise sources must be due to trucks on 1664
23	14	63.4						
24	15	62.0						
25	16	63.6						truck horn near site
26	17	62.2						
27	18	64.8						
28	19	63.0						
29	20	63.0						
30	21	62.1						

TOTAL Leq =

SUBSET Leq =

PostCal: 93.9 dB, 10.0 dB offset

✓ = Other sources contributed to Leq X = Exclude period - contaminated by non-characteristic sources

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<



PROJECT: 307580.001
 JOB NO.: _____

TRAFFIC VOLUME COUNT DATA SHEET

ASSESSMENT AREA: _____ START TIME: 12:52p
 MEASUREMENT SITE NO.: M 53 END TIME: 1:16
 ADDRESS/DESCRIPTION: _____ DATE: 11-18-15
664 PERSONNEL: alg: PK&K
RVER SP&W 55 to 60mph

ROADWAY: 664 DIRECTION 1: NB DIRECTION 2: SB

First Sample: 5 minutes
 Start Time: 12:52p

Automobiles	<u>* 119</u>	_____
Medium Trucks (6 Tires)	<u>5</u>	_____
Heavy Trucks (>6 Tires)	<u>10</u>	_____
Average speed (mph)	_____	_____

Second Sample: 5 minutes
 Start Time: 12:58

Automobiles	_____	<u>* 113</u>
Medium Trucks (6 Tires)	_____	<u>9</u>
Heavy Trucks (>6 Tires)	_____	<u>14</u>
Average speed (mph)	_____	_____

Third Sample: 5 minutes
 Start Time: 1:04p

Automobiles	<u>* 100</u>	_____
Medium Trucks (6 Tires)	<u>2</u>	_____
Heavy Trucks (>6 Tires)	<u>14</u>	_____
Average speed (mph)	_____	_____

Fourth Sample: 5 minutes
 Start Time: 1:10

Automobiles	_____	<u>* 103</u>
Medium Trucks (6 Tires)	_____	<u>7</u>
Heavy Trucks (>6 Tires)	_____	<u>14</u>
Average speed (mph)	_____	_____

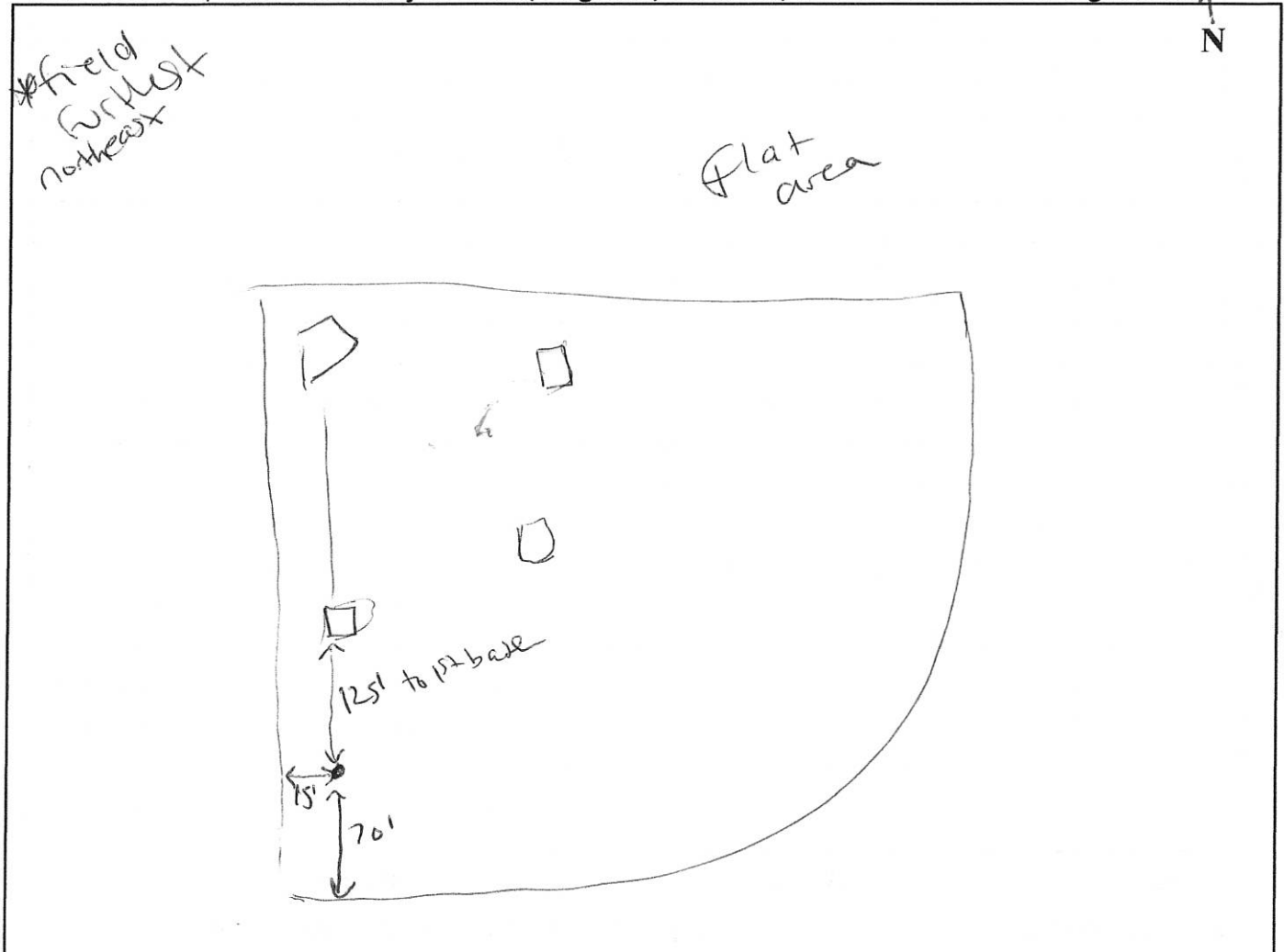
PROJECT: Hampton Roads Crossing Study SEIS

JOB NO.: HMMH Job No. 307050.001
58

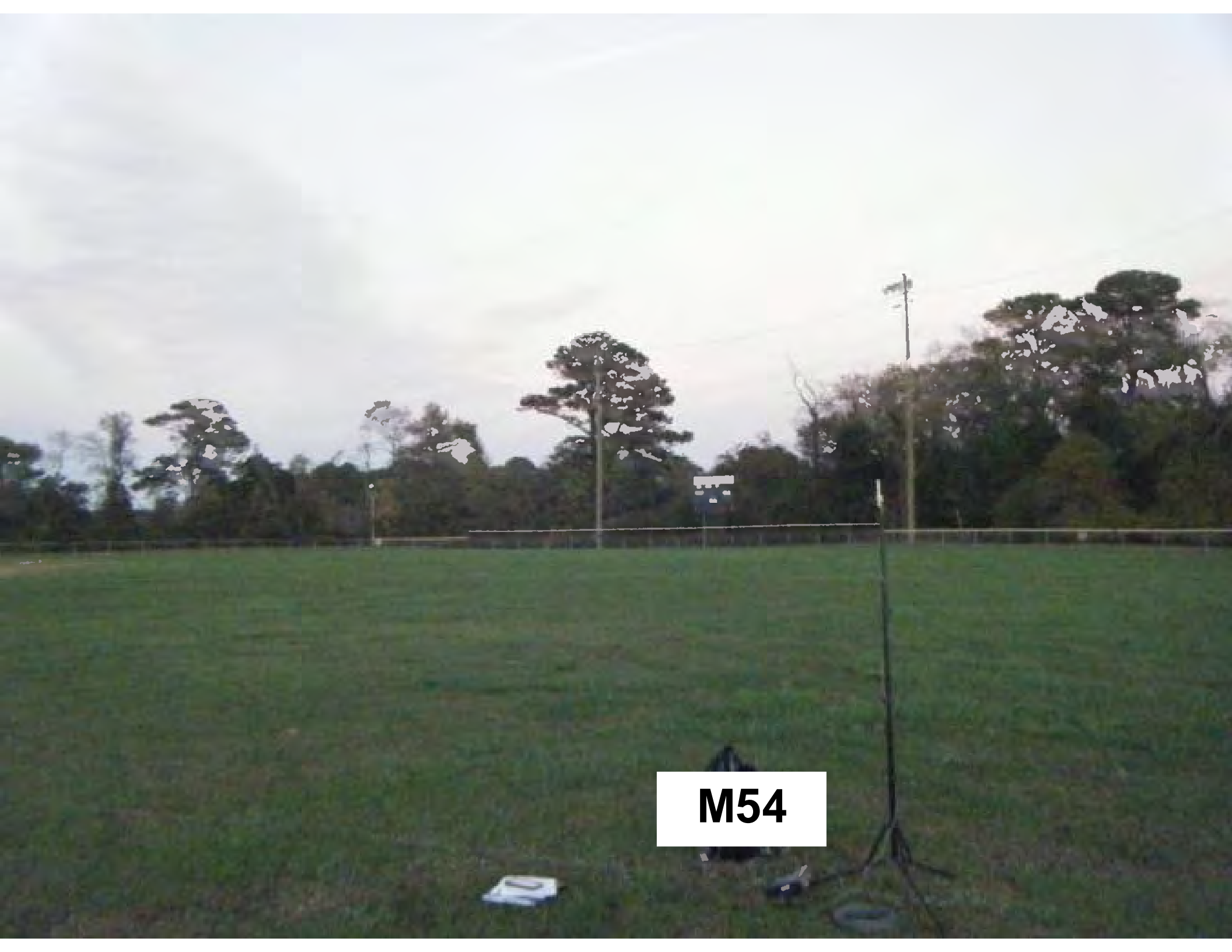
SHORT-TERM NOISE MEASUREMENT SITE LOG

MEASUREMENT SITE NO.: M54
 ADDRESS: Cedar Ln - Churchland HS baseball field (NE)
 OWNER: Churchland HS Portsmouth, VA
 DESCRIPTION: School - Rec baseball fields
 NOISE SOURCES: Students after school, meetings, Coast Guard activity?
distant highways, overflights, trains
 NOISE MONITOR: LD 870 #2 S/N: A0254
 MICROPHONE: LD PRM 400C S/N: 0862
 CALIBRATOR: BW4231 S/N: 1859542

SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist.



TEMP/WEATHER: 69°F, 75% Hum GPS COORDINATES: 36.88239, -76.36799
0-5 mph wind
-almost no wind here



M54



SHORT-TERM NOISE MEASUREMENT DATA SHEET

PROJECT: Hampton Roads Crossing Study SEIS
 JOB NO.: HMMH Job No. 307850.001

MEASUREMENT SITE NO.: MS4 38 PERSONNEL: RAM
 ADDRESS/DESCRIPTION: Churchland HS baseball field DATE: 11/12/15

#	1 Minute Period Starting	Meas'd Leq (dBA)	✓ or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources	COMMENTS (Include Calibration Data)
1	17:00	49.5						PreCal: 94.1 dB, 9.8 offset
2	01	50.3						
3	02	49.6						
4	03	54.6						gun shots? Coast Guard!
5	04	54.2						↳ continue
6	05	50.0						
7	06	52.4						
8	07	51.3						
9	08	49.1						
10	09	49.2						
11	10	52.9						train? yes
12	11	52.0						still moving
13	12	50.7						
14	13	49.7						
15	14	50.0						can hear train idling in distance
16	15	50.2						
17	16	51.6						
18	17	53.0						train moving again?
19	18	51.4						wheel squeal/horn
20	19	51.5						train still moving
21	20	52.9						
22	21	51.9						
23	22							
24	23							
25	24							
26	25							
27	26							
28	27							
29	28							
30	29							

Had to stop due to safety (bugs, night-fall)

TOTAL Leq = _____ SUBSET Leq = _____ PostCal: 94.0, 9.8

✓ = Other sources contributed to Leq X = Exclude period - contaminated by non-characteristic sources

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<



PROJECT: HRCS SEIS

JOB NO.: 307580.001

SHORT-TERM NOISE MEASUREMENT SITE LOG

ASSESSMENT AREA: _____ MEASUREMENT SITE NO.: m55

ADDRESS: 535 13th St Newport News, VA

OWNER: _____

DESCRIPTION: SF

NOISE SOURCES: 1-664 overflights, community activity (dog), wind

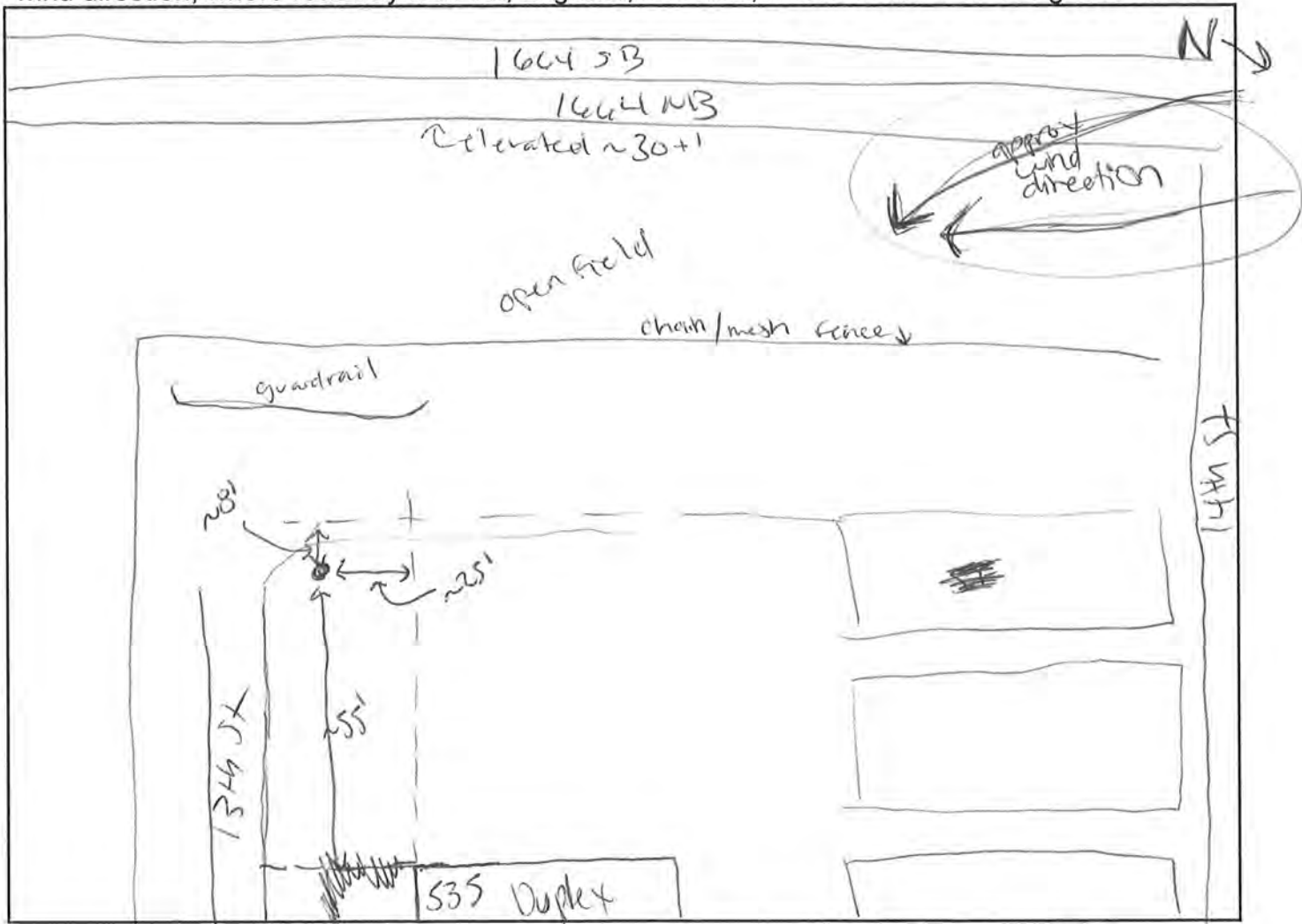
NOISE MONITOR: CD 870 #2 S/N: A0256

MICROPHONE: CD PRM 900e S/N: 0862

CALIBRATOR: B&K 4231 S/N: 1859542

TEMP. RANGE (°F): 57°F, 60% Hum WEATHER CONDITIONS: 0-5 mph wind, some mist, steady 5 mph, or up to 8 mph - some gusts 12 mph

SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist.



PHOTOS: _____ GPS COORDINATES: 36.9725, -76.41747



M55



SHORT-TERM NOISE MEASUREMENT DATA SHEET

PROJECT: HRCS SEIS

JOB NO.: 307580.001

MEASUREMENT SITE NO.: MSS

PERSONNEL: RAM

ADDRESS/DESCRIPTION: 535 13th St

DATE: 11/29/15

#	1 Minute Period Starting	Meas'd Leq (dBA)	✓ or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources	COMMENTS (Include Calibration Data)
1	8:25	63.6						CAL: 94.20 dB change: 10.3 dB offset
2	26	63.4						
3	27	62.9						dog bark
4	28	61.1						
5	29	62.2						
6	30	61.5						
7	31	62.9						
8	32	62.8						
9	33	61.5						
10	34	61.7						dog barks
11	35	60.1						
12	36	61.0						11 mph gust
13	37	63.3						
14	38	63.0						
15	39	62.4						
16	40	60.4						
17	41	60.9						
18	42	61.4						long brake
19	43	60.4						
20	44	59.0						
21	45	61.8						long brake
22	46	61.3						
23	47	61.1						
24	48	60.7						constant 7.9 mph wind @ end of this minute
25	49	60.0						kid leaves #538, long brake
26	50	59.8						
27	51	60.7						another leaves #537 some door-creaking
28	52	61.2						
29	53	60.9						5.4 mph gusts throughout
30	54	60.9						end of mmt

TOTAL Leq =

SUBSET Leq =

CAL: 93.9, 10.3 offset

✓ = Other sources contributed to Leq

X = Exclude period - contaminated by non-characteristic sources

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<



PROJECT: 307580.001
 JOB NO.: _____

664
 West end of 13th St
 (at Jefferson)

TRAFFIC VOLUME COUNT DATA SHEET

Counts taken at immediate exit of tunnel, NB side and SB entrance
 AVE: SR30 45 - 59 mph

ASSESSMENT AREA: _____ START TIME: 8:25 am
 MEASUREMENT SITE NO.: M55 END TIME: 8:48
 ADDRESS/DESCRIPTION: _____ DATE: 11-20-15
 PERSONNEL: alg RK RK
 ~ NO RAMP ~

ROADWAY: 664 DIRECTION 1: ↓ NB DIRECTION 2: ↑ SB

First Sample: 5 minutes
 Start Time: 8:25

Automobiles	<u>* 174</u>	_____
Medium Trucks (6 Tires)	<u>6</u>	_____
Heavy Trucks (>6 Tires)	<u>11</u>	_____
Average speed (mph)	_____	_____

Second Sample: 5 minutes
 Start Time: 8:31

Automobiles	_____	<u>* 123</u>
Medium Trucks (6 Tires)	_____	<u>0</u>
Heavy Trucks (>6 Tires)	_____	<u>0</u>
Average speed (mph)	_____	_____

Third Sample: 5 minutes
 Start Time: 8:37

Automobiles	<u>↓ 174</u>	_____
Medium Trucks (6 Tires)	<u>6</u>	_____
Heavy Trucks (>6 Tires)	<u>10</u>	_____
Average speed (mph)	_____	_____

Fourth Sample: 5 minutes
 Start Time: 8:43

Automobiles	_____	<u>↓ 98</u>
Medium Trucks (6 Tires)	_____	<u>6</u>
Heavy Trucks (>6 Tires)	_____	<u>12</u>
Average speed (mph)	_____	_____



PROJECT: HRCS SEIS

JOB NO.: 307580.001

SHORT-TERM NOISE MEASUREMENT SITE LOG

ASSESSMENT AREA: _____ MEASUREMENT SITE NO.: m56

ADDRESS: 523 22nd St Newport News, VA

OWNER: _____

DESCRIPTION: MF, Bldg 26 Newport Harbour

NOISE SOURCES: I-664, community activity, electrical light, aircrafts, wind

NOISE MONITOR: CB870112 S/N: A0256

MICROPHONE: LDPRM90C S/N: 0062

CALIBRATOR: B2H 4231 S/N: 1859542

TEMP. RANGE (°F): 58°F, 45% Hum WEATHER CONDITIONS: 0-5mph, some steady 5-7mph
just to 10 mph max

SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist.



PHOTOS: _____

GPS COORDINATES: 36.97912, -76.42142



M56



SHORT-TERM NOISE MEASUREMENT DATA SHEET

PROJECT: HRCS SEIS

JOB NO.: 307580.001

MEASUREMENT SITE NO.: M54

PERSONNEL: RAM

ADDRESS/DESCRIPTION: S23 22nd St

DATE: 11/20/15

#	1 Minute Period Starting	Meas'd Leq (dBA)	✓ or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources	COMMENTS (Include Calibration Data)
1	9:10	60.3						(CAL: 94.0, 10.3 offset)
2	11	60.3						
3	12	61.5	✓					what's just car in parking lot over flight?
4	13	60.6						maybe not necessary
5	14	60.8						
6	15	60.8						
7	16	61.3						
8	17	59.7						
9	18	60.7						air flight
10	19	60.1						car leaves parking lot
11	20	61.4						
12	21	60.5						
13	22	60.7						
14	23	59.6						
15	24	60.2						
16	25	60.0						res walking dog near Mike - some bark
17	26	60.8						9 mph wind gusts
18	27	61.9						car back in parking lot
19	28	59.3						
20	29	61.2						
21	30	60.2						car leaves lot
22	31	61.1						
23	32	59.4						
24	33	60.6						
25	34	58.9						
26	35	60.4						
27	36	59.7						
28	37	61.1						7-9 mph wind, pine cone falls
29	38	58.5						
30	39	58.0						CAL: 94.0, 10.3

TOTAL Leq =

SUBSET Leq =

✓ = Other sources contributed to Leq

X = Exclude period - contaminated by non-characteristic sources

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<

22nd St Between
Jeff & Terminal Av



PROJECT: _____
JOB NO.: _____

counts taken @ entrance of
tunnel SB and
NB exit.

TRAFFIC VOLUME COUNT DATA SHEET

ASSESSMENT AREA: ~ NB RAMP ~ START TIME: 9:10
MEASUREMENT SITE NO.: M54 END TIME: _____
ADDRESS/DESCRIPTION: _____ DATE: 11-20-15
PERSONNEL: alg: RK/AL

ROADWAY: 664 DIRECTION 1: NB exit DIRECTION 2: SB

First Sample: 5 minutes
Start Time: 9:10 A

Automobiles	<u>116</u>	_____
Medium Trucks (6 Tires)	<u>5</u>	_____
Heavy Trucks (>6 Tires)	<u>8</u>	_____
Average speed (mph)	_____	_____

Second Sample: 5 minutes
Start Time: 9:14

Automobiles	_____	<u>* 114</u>
Medium Trucks (6 Tires)	_____	<u>18</u>
Heavy Trucks (>6 Tires)	_____	<u>9</u>
Average speed (mph)	_____	_____

Third Sample: 5 minutes
Start Time: 9:22

Automobiles	<u>* 135</u>	_____
Medium Trucks (6 Tires)	<u>9</u>	_____
Heavy Trucks (>6 Tires)	<u>10</u>	_____
Average speed (mph)	_____	_____

Fourth Sample: 5 minutes
Start Time: 9:28

Automobiles	_____	<u>* 105</u>
Medium Trucks (6 Tires)	_____	<u>8</u>
Heavy Trucks (>6 Tires)	_____	<u>17</u>
Average speed (mph)	_____	_____



P 1 OF 4

PROJECT: HRCS SEIS

JOB NO.: 307580.001

SHORT-TERM NOISE MEASUREMENT SITE LOG

ASSESSMENT AREA: _____ MEASUREMENT SITE NO.: M57

ADDRESS: MADISON AVE; NORTH OF 36TH ST

OWNER: _____

DESCRIPTION: ADJACENT TO MF BUILDING

NOISE SOURCES: TRAFFIC ON I664; LOCAL TRAFFIC

NOISE MONITOR: _____ S/N: _____

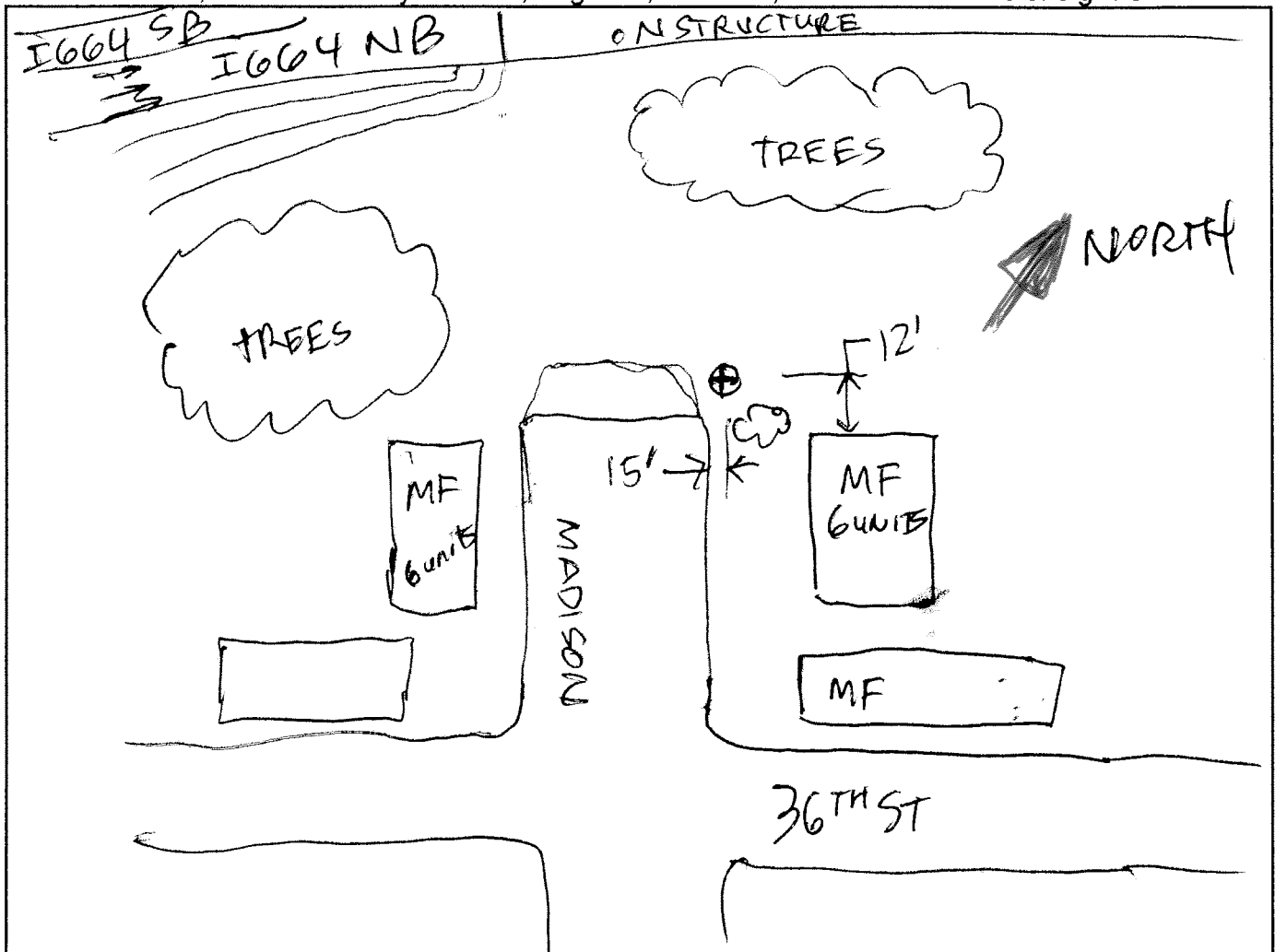
MICROPHONE: SEE DATA SHEET S/N: _____

CALIBRATOR: SITE M60 S/N: _____

TEMP. RANGE (°F): _____ WEATHER CONDITIONS: OVERCAST;

SOME MIST TO START

SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist.



PHOTOS: _____

GPS COORDINATES: _____



M57



SHORT-TERM NOISE MEASUREMENT DATA SHEET

PROJECT: HRCS SEIS

JOB NO.: 307580.001

MEASUREMENT SITE NO.: M57

PERSONNEL: CJB

ADDRESS/DESCRIPTION: NORTH END OF MADISON AVE, NN DATE: 11/5/2015

#	1 Minute Period Starting	Meas'd Leq (dBA)	✓ or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources	COMMENTS (Include Calibration Data)
1	835							START CAL
2	36							114.4 dB
3	37		✓					RAIN (NO HISS (YET))
4	38							MIST/TIRE SPRAY
5	39							
6	40							
7	41							
8	42							
9	43							
10	44							
11	45							
12	46		✓					BUS ON 36TH ST.
13	47							
14	48							RAIN STOPPED
15	49							
16	50							
17	51							
18	52							
19	53							
20	54							
21	55		✓					BUS ON 36TH ST
22	56							DRIZZLE STARTS
23	57							(STILL WET PAVEMENT)
24	58							
25	59							
26	900							
27	01							
28	02							
29	03							
30	04							

TOTAL Leq =

SUBSET Leq =

END CAL =

✓ = Other sources contributed to Leq

X = Exclude period - contaminated by non-characteristic sources

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<



P 3 OF 4

PROJECT: HRCS SEIS

JOB NO.: 307580.001

SHORT-TERM NOISE MEASUREMENT SITE LOG

ASSESSMENT AREA: _____ MEASUREMENT SITE NO.: _____

ADDRESS: _____

OWNER: _____

DESCRIPTION: _____

NOISE SOURCES: _____

NOISE MONITOR: _____ S/N: _____

MICROPHONE: _____ S/N: _____

CALIBRATOR: _____ S/N: _____

TEMP. RANGE (°F): _____ WEATHER CONDITIONS: _____

SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist.

JERSEY BARRIER ON STRUCTURE SECTION

IG64 SB → TIRES SHIELDED

SEE SITE SKETCH
ON P 1 OF ~~3~~ 4

PHOTOS: _____

GPS COORDINATES: _____



SHORT-TERM NOISE MEASUREMENT DATA SHEET

PROJECT: HRCS SEIS

79°F CLOUDY

JOB NO.: 307580.001

79% RH CALM

MEASUREMENT SITE NO.: M57 (Redo)

PERSONNEL: CJB

ADDRESS/DESCRIPTION: MADISON, NORTH OF 36TH ST, NN

DATE: 6/5/15

#	1 Minute Period Starting	Meas'd Leq (dBA)	√ or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources	COMMENTS (Include Calibration Data)
1	1355	58.6						CAL = 114.4
2	56	62.3						
3	57	58.4						
4	58	60.7						
5	59	62.2						
6	1400	61.1						
7	01	59.7						
8	02	60.6						
9	03	60.7						
10	04	62.8						
11	05	62.6						
12	06	61.0						
13	07	60.3						
14	08	60.2						
15	09	60.8						
16	10	61.0						
17	11	62.1	✓					BUS ON 36TH ST
18	12	61.7						
19	13	61.1						
20	14	62.1						
21	15	63.7	✓					CAR HORN
22	16	61.4						
23	17	62.2						
24	18	63.3						
25	19	64.0						HT accel on upgrade (NB)
26	20	63.0						MC ON NB
27	21	61.5						
28	22	60.2						
29	23	61.8						
30	24	62.3						

TOTAL Leq =

SUBSET Leq =

√ = Other sources contributed to Leq

X = Exclude period - contaminated by non-characteristic sources

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<



PROJECT: 307 580.001.002
 JOB NO.: _____

TRAFFIC VOLUME COUNT DATA SHEET

ASSESSMENT AREA: _____ START TIME: 2:00 P
 MEASUREMENT SITE NO.: M57 END TIME: 2:23
 ADDRESS/DESCRIPTION: _____ DATE: 11-5-15
 PERSONNEL: RIS: PKK/K
Avg. speed MIN. (60) TO MAX (65)

ROADWAY: I-664 DIRECTION 1: NBL DIRECTION 2: SBL

First Sample: 5 minutes
 Start Time: 2:01

Automobiles	* <u>152</u>	_____
Medium Trucks (6 Tires)	<u>9</u>	_____
Heavy Trucks (>6 Tires)	<u>8</u>	_____
Average speed (mph)	_____	_____

Second Sample: 5 minutes
 Start Time: 2:06

Automobiles	_____	* <u>163</u>
Medium Trucks (6 Tires)	_____	<u>8</u>
Heavy Trucks (>6 Tires)	_____	<u>8</u>
Average speed (mph)	_____	_____

Third Sample: 5 minutes
 Start Time: 2:12

Automobiles	* <u>203</u>	_____
Medium Trucks (6 Tires)	<u>13</u>	_____
Heavy Trucks (>6 Tires)	<u>11</u>	_____
Average speed (mph)	_____	_____

Fourth Sample: 5 minutes
 Start Time: 2:18

Automobiles	_____	* <u>191</u>
Medium Trucks (6 Tires)	_____	<u>13</u>
Heavy Trucks (>6 Tires)	_____	<u>12</u>
Average speed (mph)	_____	_____



~~PILOT~~

PROJECT: HRCS SEIS

JOB NO.: 307580.001

SHORT-TERM NOISE MEASUREMENT SITE LOG

ASSESSMENT AREA: _____ MEASUREMENT SITE NO.: M58
ADDRESS: CORNER OF 40TH ST & MADISON AVE, NN

OWNER: _____

DESCRIPTION: BACKYARD

NOISE SOURCES: TRAFFIC ON I664; MADISON; 39TH ST & 40TH ST

NOISE MONITOR: _____ S/N: _____

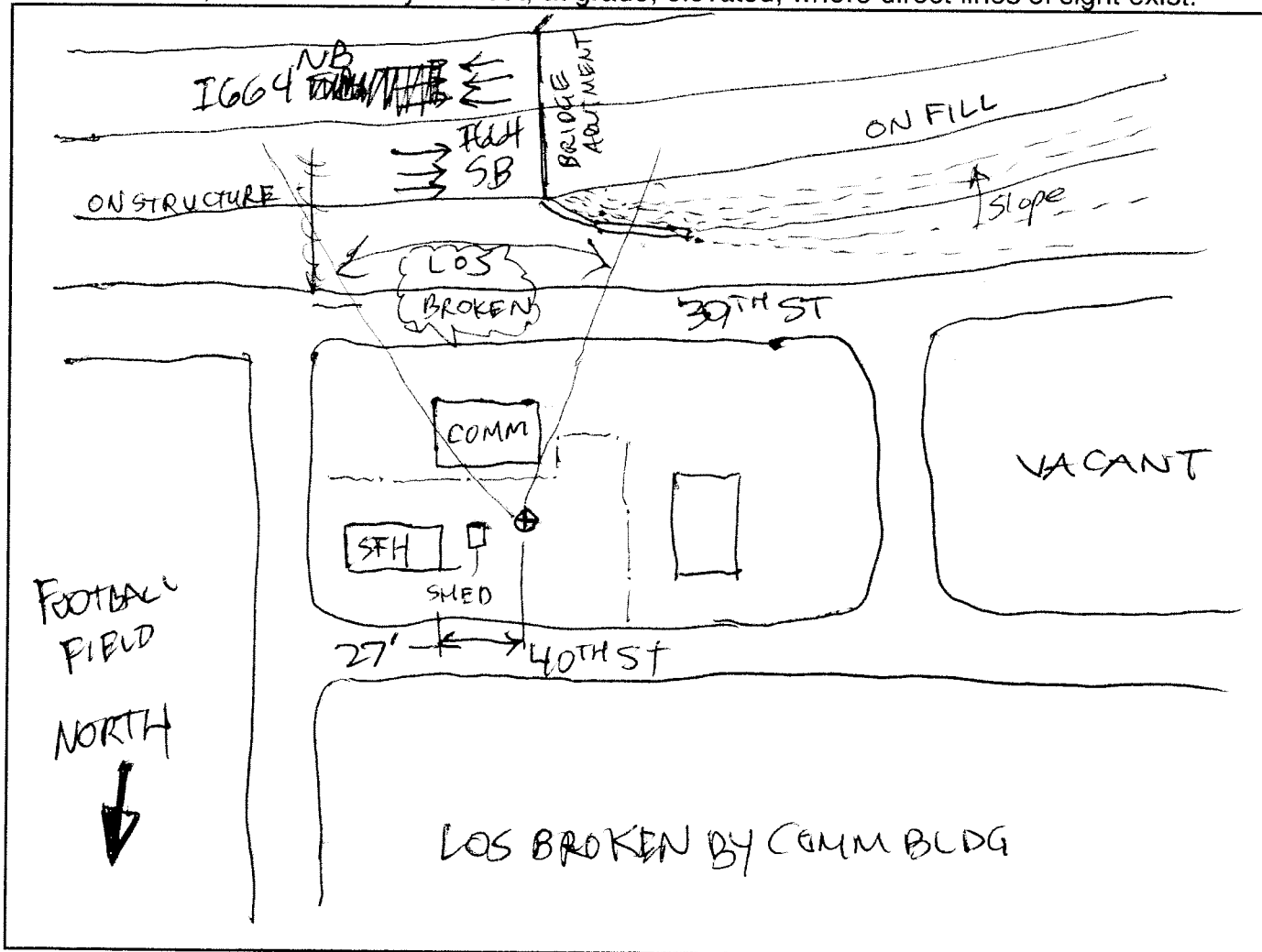
MICROPHONE: SEE DATA SHEET S/N: _____

CALIBRATOR: SITE M60 S/N: _____

TEMP. RANGE (°F): 73°F WEATHER CONDITIONS: PARTLY SUNNY

80% RH CALM; CLOUDY BY END

SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist.



PHOTOS: _____

GPS COORDINATES: _____



M58



SHORT-TERM NOISE MEASUREMENT DATA SHEET

PROJECT: HRCS SEIS

JOB NO.: 307580.001

MEASUREMENT SITE NO.: M58

PERSONNEL: CJB

ADDRESS/DESCRIPTION: (SF HOME) CORNER OF 40TH/MADISON

DATE: 11/5/15

#	1 Minute Period Starting	Meas'd Leq (dBA)	✓ or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources	COMMENTS (Include Calibration Data)
1	13:12	60.5						START CAL =
2	13	62.9						114.4 (?)
3	14	62.8						
4	15	62.3	✓					HT accelerate on Madison
5	16	61.3						
6	17	60.1						
7	18	59.2						
8	19	58.8	✓					TRUCK BODY ON EXP JOINT
9	20	61.3						
10	21	59.1						
11	22	58.4						
12	23	61.5						
13	24	61.1						
14	25	61.3						
15	26	61.1						
16	27	59.8						
17	28	62.4	✓					A/C OVERFLIGHT
18	29	62.5						
19	30	60.8						
20	31	60.7						
21	32	61.7						
22	33	61.1						
23	34	60.5						
24	35	62.5	✓					BUS ON MADISON
25	36	62.0						
26	37	63.4						
27	38	62.2						
28	39	61.3						
29	40	61.9						
30	41	61.2						

TOTAL Leq =

SUBSET Leq =

END CAL =

✓ = Other sources contributed to Leq

X = Exclude period - contaminated by non-characteristic sources

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<



PROJECT: 301508.001.002
 JOB NO.: _____

TRAFFIC VOLUME COUNT DATA SHEET

ASSESSMENT AREA: _____ START TIME: 1:10 p
 MEASUREMENT SITE NO.: M 08 END TIME: 1:33
 ADDRESS/DESCRIPTION: _____ DATE: 11-5-15
 PERSONNEL: GIS: P10 & K
AVER. SPEED MIN (50) to MAX (65)

ROADWAY: I-664 DIRECTION 1: NBL DIRECTION 2: SBL

First Sample: 5 minutes
 Start Time: 1:10

Automobiles	<u>* 202</u>	_____
Medium Trucks (6 Tires)	<u>20</u>	_____
Heavy Trucks (>6 Tires)	<u>24</u>	_____
Average speed (mph)	_____	_____

Second Sample: 5 minutes
 Start Time: 1:16

Automobiles	_____	<u>* 124</u>
Medium Trucks (6 Tires)	_____	<u>10</u>
Heavy Trucks (>6 Tires)	_____	<u>6</u>
Average speed (mph)	_____	_____

Third Sample: 5 minutes
 Start Time: 1:22

Automobiles	<u>* 124</u>	_____
Medium Trucks (6 Tires)	<u>7</u>	_____
Heavy Trucks (>6 Tires)	<u>9</u>	_____
Average speed (mph)	_____	_____

Fourth Sample: 5 minutes
 Start Time: 1:28

Automobiles	_____	<u>* 160</u>
Medium Trucks (6 Tires)	_____	<u>12 12</u>
Heavy Trucks (>6 Tires)	_____	<u>14</u>
Average speed (mph)	_____	_____



PROJECT: HRCS SEIS

JOB NO.: 307580.001

SHORT-TERM NOISE MEASUREMENT SITE LOG

ASSESSMENT AREA: _____ MEASUREMENT SITE NO.: M59

ADDRESS: _____

OWNER: _____

DESCRIPTION: EXISTING SOUND WALL

NOISE SOURCES: TRAFFIC ON I664 → FLANKING NOISE AROUND END

NOISE MONITOR: _____ S/N: _____

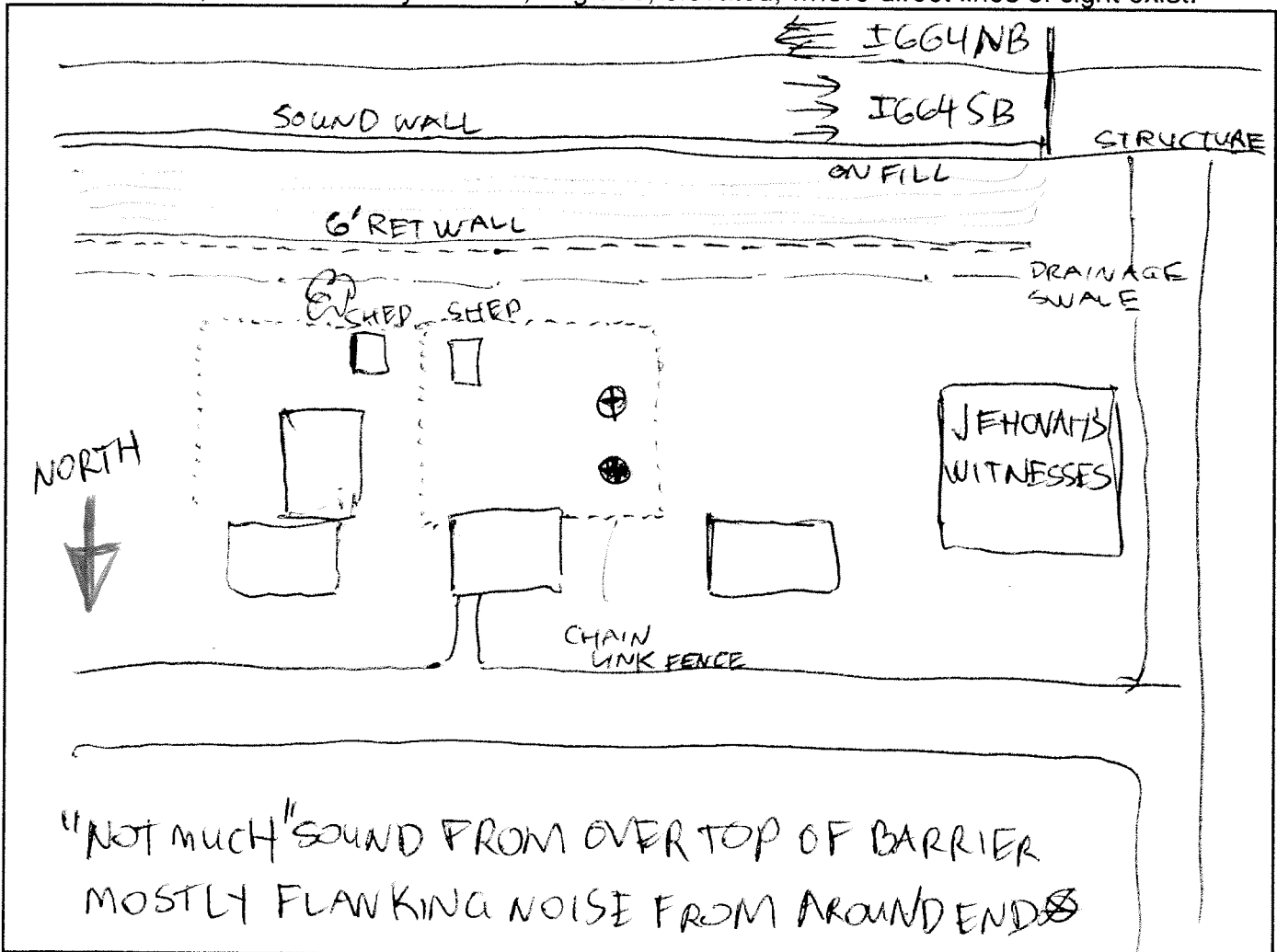
MICROPHONE: SEE DATA SHEET SITE M69 S/N: _____

CALIBRATOR: _____ S/N: _____

TEMP. RANGE (°F): 76°F WEATHER CONDITIONS: PARTLY SUNNY

85-88% RH MOSTLY CLOUDY 0-3 MPH

SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist.



PHOTOS: _____

GPS COORDINATES: _____



M59

11/05



SHORT-TERM NOISE MEASUREMENT DATA SHEET

PROJECT: HRCS SEIS

EXISTING SOUND WALL

JOB NO.: 307580.001

MEASUREMENT SITE NO.: M59

PERSONNEL: CJB

ADDRESS/DESCRIPTION:

DATE: 11/5/15

#	Minute Period Starting	Meas'd Leq (dBA)	✓ or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources	COMMENTS (Include Calibration Data)
1	1456	64.8						CAL 114.4
2	57	64.4						
3	58	65.0						
4	59	64.3						
5	1500	64.7	✓					THOUGHT THIS WAS ANOTHER SOURCE BUT REALLY FLANKING NOISE AROUND OF BARRIER END
6	01	65.6	✓					
7	02	65.9	✓					CAR HORN
8	03	64.3						
9	04	65.6						
10	05	65.3						
11	06	64.0						
12	07	66.0	✓					HEL TO S (W HEADING)
13	08	65.2						
14	09	64.8						
15	10	64.9						
16	11	65.4						
17	12	63.3						
18	13	65.6						
19	14	65.0						
20	15	64.7						
21	16	65.4						
22	17	66.6						
23	18	64.2						
24	19	66.3						
25	20	64.3						
26	21	64.4						
27	22	66.5	✓					TURBO PROP
28	23	66.5						
29	24	63.8	✓					TURBO PROP
30	25	64.1						

TOTAL Leq =

SUBSET Leq =

END CAL = 114.4

✓ = Other sources contributed to Leq

X = Exclude period - contaminated by non-characteristic sources

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<



PROJECT: 327580.001.002
 JOB NO.: _____

TRAFFIC VOLUME COUNT DATA SHEET

ASSESSMENT AREA: _____ START TIME: 2:55
 MEASUREMENT SITE NO.: M 59 END TIME: 3:18
 ADDRESS/DESCRIPTION: _____ DATE: 11.5.15
 PERSONNEL: alg: PK JK
AVER SPEED MIN (58) TO MAX (64)

ROADWAY: I-664 DIRECTION 1: NBL DIRECTION 2: SBL

First Sample: 5 minutes
 Start Time: 2:55

Automobiles	<u>* 247</u>	_____
Medium Trucks (6 Tires)	<u>7</u>	_____
Heavy Trucks (>6 Tires)	<u>9</u>	_____
Average speed (mph)	_____	_____

Second Sample: 5 minutes
 Start Time: 3:01

Automobiles	_____	<u>* 194</u>
Medium Trucks (6 Tires)	_____	<u>8</u>
Heavy Trucks (>6 Tires)	_____	<u>9</u>
Average speed (mph)	_____	_____

Third Sample: 5 minutes
 Start Time: 3:07

Automobiles	<u>* 345</u>	_____
Medium Trucks (6 Tires)	<u>6</u>	_____
Heavy Trucks (>6 Tires)	<u>13</u>	_____
Average speed (mph)	_____	_____

Fourth Sample: 5 minutes
 Start Time: 3:13

Automobiles	_____	<u>* 214</u>
Medium Trucks (6 Tires)	_____	<u>14</u>
Heavy Trucks (>6 Tires)	_____	<u>10</u>
Average speed (mph)	_____	_____



PROJECT: HRCS SEIS

JOB NO.: 307580.001

SHORT-TERM NOISE MEASUREMENT SITE LOG

ASSESSMENT AREA: _____ MEASUREMENT SITE NO.: m60

ADDRESS: 1118 41st St Newport News, VA

OWNER: _____

DESCRIPTION: SF

NOISE SOURCES: I-664, overflights, 41st St, community activity residents in part of cars on 41st

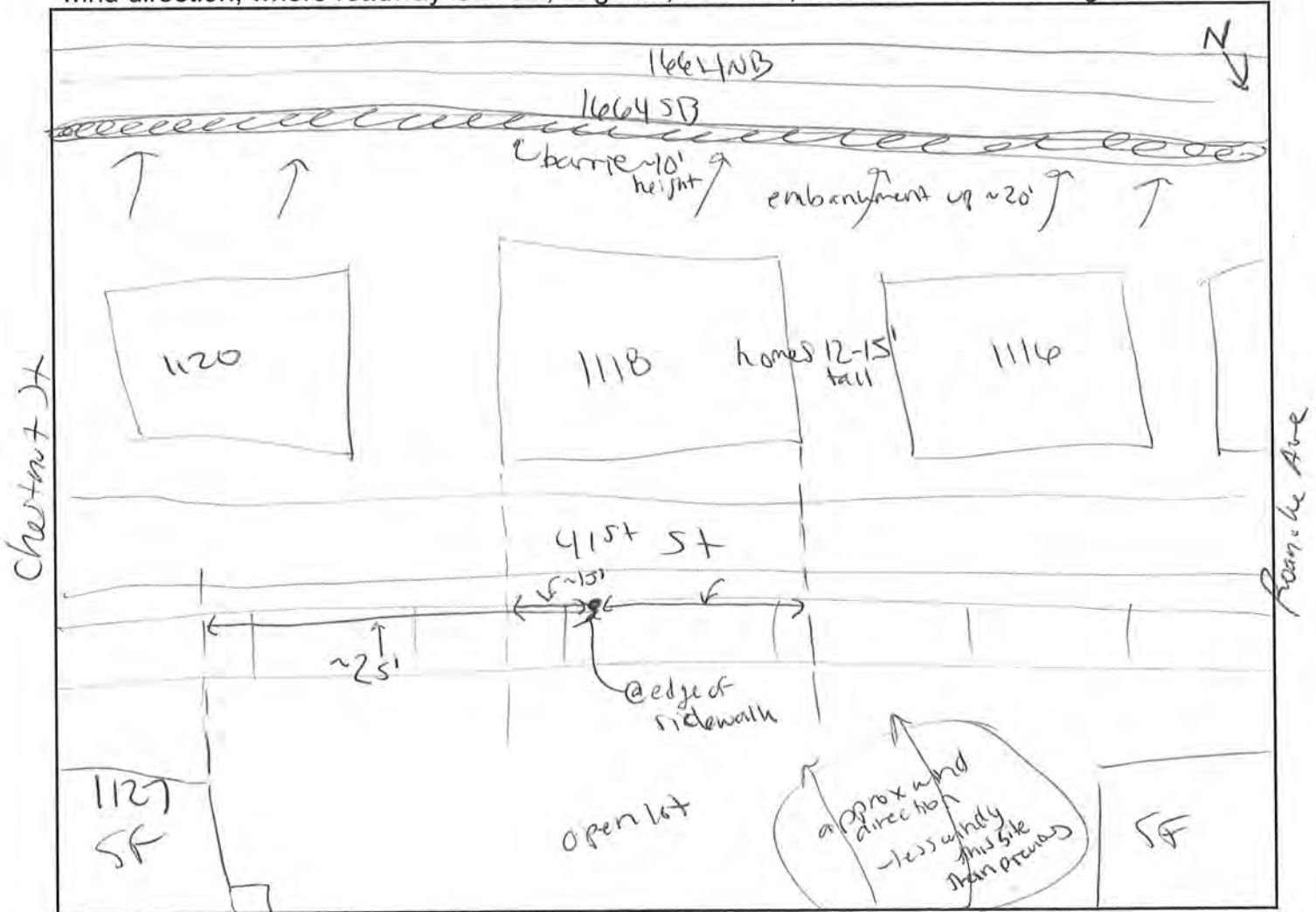
NOISE MONITOR: CD 870 #2 * can also hear Chestnut + Rounder - not sure if some m/s were dominated by that traffic S/N: A0256

MICROPHONE: CD PBM 900C S/N: 0862

CALIBRATOR: B&K 4231 S/N: 1859542

TEMP. RANGE (°F): 63°F 42% Hum WEATHER CONDITIONS: 0-5 mph wind, some 5-7 mph gusts steady if some m/s

SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist.



PHOTOS: _____

GPS COORDINATES: 30.99689, -76.41469



M60



SHORT-TERM NOISE MEASUREMENT DATA SHEET

PROJECT: HRCS SEIS

JOB NO.: 307580.001

MEASUREMENT SITE NO.: m60

PERSONNEL: RAM

ADDRESS/DESCRIPTION: 118 41st St (across st)

DATE: 11/20/15

#	1 Minute Period Starting	Meas'd Leq (dBA)	✓ or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources	COMMENTS (Include Calibration Data)
1	10:01	56.2						CAL: 94.2 dB, 10.3 offset
2	02	53.6						
3	03	56.0						
4	04	55.4						
5	05	55.1	✓					
6	06	58.9	✓				car 41st St	
7	07	54.7						
8	08	55.9						
9	09	57.5						distant long brake
10	10	58.0	✓					think this truck exited @ Chestnut → neighbor also 41st driveway - car door
11	11	57.1						
12	12	57.0	✓					
13	13	58.3	✓					car pulls upon 41st
14	14	58.6	✓					stops in front of 1120 - idling
15	15	63.1	✓					Phonics horn several times another car on 41st
16	16	58.9	✓					car leaves!
17	17	56.6						hanging in neighborhood
18	18	63.3	✓					car w/ trailer on 41st
19	19	56.1						→ again
20	20	56.7	✓					
21	21	61.3	✓					car on 41st
22	22	56.2	✓					car down st starts/move
23	23	60.5	✓					car on 41st neighbor says hello
24	24	60.0	✓					overflight, rd also @ car on 41st
25	25	57.2	✓					could have been car on Paquette... res caught in driveway
26	26	61.2	✓					car on 41st
27	27	56.8						
28	28	56.7	✓					
29	29	60.5	✓					2 cars @ same time diff direction on 41st
30	30	60.6	✓					direct overflight

TOTAL Leq = 31 58.6 ✓

SUBSET Leq = car on 41st (every end of min)

✓ = Other sources contributed to Leq

X = Exclude period - contaminated by non-characteristic sources

Post CAL

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<

94.1
10.3



PROJECT: _____
 JOB NO.: _____

Shldr
 RMP
 Load-d @ exit 4 NB @
 Poconoke exit

TRAFFIC VOLUME COUNT DATA SHEET

ASSESSMENT AREA: _____ START TIME: 10:01
 MEASUREMENT SITE NO.: M60 END TIME: 10:24
 ADDRESS/DESCRIPTION: _____ DATE: 11-20-15
 PERSONNEL: Rlg RKP KK
Avg Speed = 57 to 66 mph

ROADWAY:	DIRECTION 1:	DIRECTION 2:
	<u>NB</u>	<u>SB</u>
First Sample: <u>5</u> minutes Start Time: <u>10:01</u>		
Automobiles	* <u>122</u>	<u>NB</u> RMP <u>3</u>
Medium Trucks (6 Tires)	<u>6</u>	<u>0</u>
Heavy Trucks (>6 Tires)	<u>9</u>	<u>0</u>
Average speed (mph)		
Second Sample: <u>5</u> minutes Start Time: <u>10:07</u>		
Automobiles	(SB) RAW <u>3</u>	* <u>114</u>
Medium Trucks (6 Tires)	<u>0</u>	<u>5</u>
Heavy Trucks (>6 Tires)	<u>0</u>	<u>15</u>
Average speed (mph)		
Third Sample: <u>5</u> minutes Start Time: <u>10:13</u>		
Automobiles	* <u>151</u>	(NB) RMP <u>3</u>
Medium Trucks (6 Tires)	<u>9</u>	<u>1</u>
Heavy Trucks (>6 Tires)	<u>14</u>	<u>0</u>
Average speed (mph)		
Fourth Sample: <u>5</u> minutes Start Time: <u>10:19</u>		
Automobiles	(SB) RMP <u>6</u>	* <u>105</u>
Medium Trucks (6 Tires)	<u>0</u>	<u>8</u>
Heavy Trucks (>6 Tires)	<u>0</u>	<u>11</u>
Average speed (mph)		



PROJECT: HRCS SEIS

JOB NO.: 307580.001

SHORT-TERM NOISE MEASUREMENT SITE LOG

ASSESSMENT AREA: _____ MEASUREMENT SITE NO.: M61

ADDRESS: 1124 39th St (off Duke St) Newport News, VA

OWNER: _____

DESCRIPTION: SF

NOISE SOURCES: 1664, 39th St, overflights, community activity

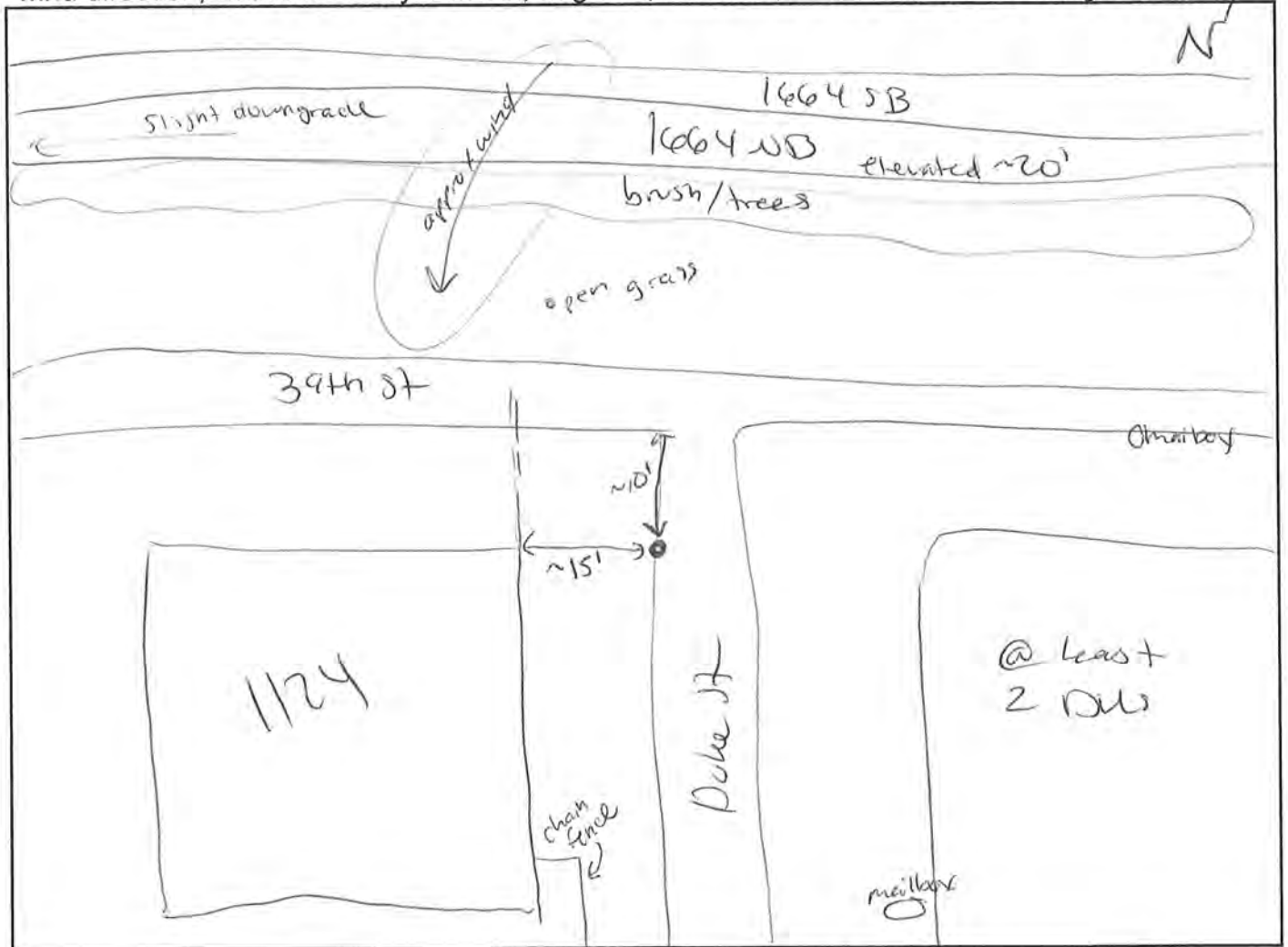
NOISE MONITOR: LD 970 #2 S/N: A0254

MICROPHONE: LD PEM 900C S/N: 0862

CALIBRATOR: Bru 4201 S/N: 1859542

TEMP. RANGE (°F): 60°F, 40% Hum WEATHER CONDITIONS: 0-5 mph wind, some 5-7 mph steady, 10 mph max

SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist.



PHOTOS: _____

GPS COORDINATES: 36.99549, -76.41343



M61



SHORT-TERM NOISE MEASUREMENT DATA SHEET

PROJECT: HRCS SEIS

JOB NO.: 307580.001

MEASUREMENT SITE NO.: m61

PERSONNEL: RAM

ADDRESS/DESCRIPTION: 1124 39th St

DATE: 11/20/15

#	1 Minute Period Starting	Meas'd Leq (dBA)	✓ or X	Autos	39th St Medium Trucks	Heavy Trucks	Other Noise Sources	COMMENTS (Include Calibration Data)
1	10:46	69.2					long; brake	CAL: 94.3 dB, 10.3 offset
2	47	70.6						
3	48	70.0						
4	49	68.7						
5	50	72.9						
6	51	71.5						
7	52	71.2						
8	53	73.2						
9	54	71.8						
10	55	73.2						
11	56	71.8						
12	57	74.0						
13	58	69.5						long; brake 644
14	59	70.6						
15	11:00	70.4						
16	01	71.9					39th St moped - not cont in autos	
17	02	70.8						
18	03	72.0						
19	04	70.9						
20	05	72.8						→ couple level vehicles @ end
21	06	71.8						Car w/ trailer - changing
22	07	70.2						
23	08	74.0					garbage truck	
24	09	71.3						
25	10	72.7						
26	11	70.9						long + loud vehicle w/ car
27	12	70.5						carries
28	13	73.2						
29	14	71.2						
30	15	71.6					long slow highway carried abit	

TOTAL Leq =

SUBSET Leq =

Post CAL: 94.1, 10.3

✓ = Other sources contributed to Leq

X = Exclude period - contaminated by non-characteristic sources

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<



PROJECT: _____
 JOB NO.: _____

Traffic count; Located @ side NB exit
 RAMP (ROANOK AV) 4

TRAFFIC VOLUME COUNT DATA SHEET

ASSESSMENT AREA: _____ START TIME: 10:45 A

MEASUREMENT SITE NO.: M61 END TIME: _____

ADDRESS/DESCRIPTION: _____ DATE: 11.20.15

PERSONNEL: CLG, PK, K

AVER. SPEED = _____

ROADWAY: 1064 DIRECTION 1: NB DIRECTION 2: SB

First Sample: 5 minutes
 Start Time: 10:45

	<u>143</u>	(NB) RMP <u>4</u>
Automobiles	<u>9</u>	<u>0</u>
Medium Trucks (6 Tires)	<u>8</u>	<u>0</u>
Heavy Trucks (>6 Tires)		
Average speed (mph)		

Second Sample: 5 minutes
 Start Time: 10:51

	(SB) RMP <u>5</u>	* <u>107</u>
Automobiles	<u>0</u>	<u>7</u>
Medium Trucks (6 Tires)	<u>0</u>	<u>3</u>
Heavy Trucks (>6 Tires)		
Average speed (mph)		

Third Sample: 5 minutes
 Start Time: 10:57

	* <u>191</u>	(NB) RMP <u>5</u>
Automobiles	<u>6</u>	<u>0</u>
Medium Trucks (6 Tires)	<u>21</u>	<u>1</u>
Heavy Trucks (>6 Tires)		
Average speed (mph)		

Fourth Sample: 5 minutes
 Start Time: 11:03

	(SB) RMP <u>3</u>	* <u>77</u>
Automobiles	<u>0</u>	<u>6</u>
Medium Trucks (6 Tires)	<u>0</u>	<u>11</u>
Heavy Trucks (>6 Tires)		
Average speed (mph)		



PROJECT: HRCS SEIS

JOB NO.: 307580.001

SHORT-TERM NOISE MEASUREMENT SITE LOG

ASSESSMENT AREA: _____ MEASUREMENT SITE NO.: M62

ADDRESS: 2004 W PEMBROKE AVE, HAMPTON

OWNER: _____

DESCRIPTION: VACANT LOT (IN NN) ADJACENT TO APT

NOISE SOURCES: TRAFFIC ON I664; TRAFFIC ON PEMBROKE/39TH

NOISE MONITOR: _____ S/N: _____

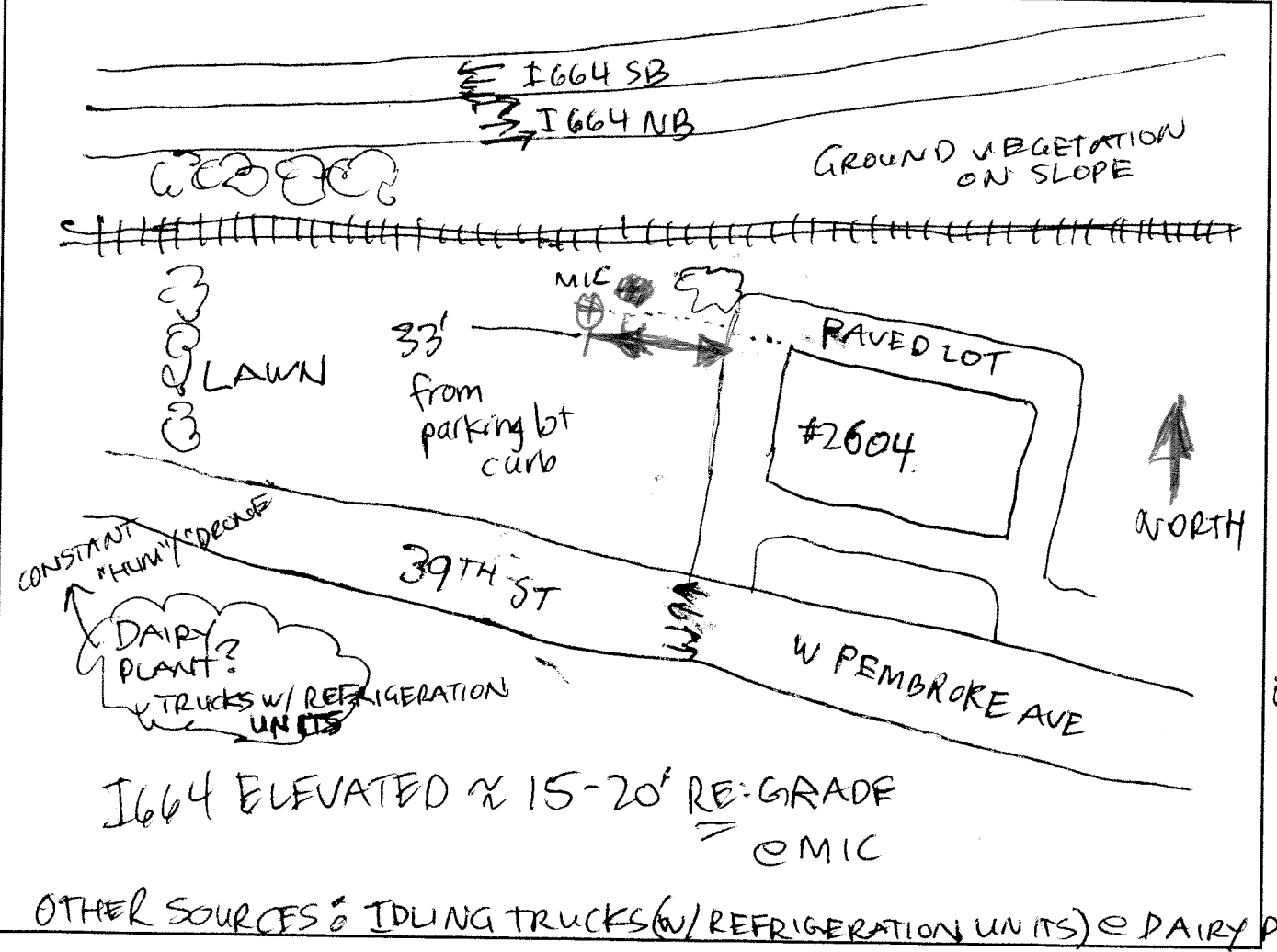
MICROPHONE: SEE DATA SHEET S/N: _____

CALIBRATOR: SITE M69 S/N: _____

TEMP. RANGE (°F): 68°F - 96°F RH WEATHER CONDITIONS: P CLOUDY; SOME

DRIZZLE W/ SUN; CALM

SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist.



I664 SOUNDED AS IF TIRE HISS WAS PRESENT AT TIMES; NO VISUAL TO CONFIRM

PHOTOS: _____ GPS COORDINATES: _____

HARRIS MILLER MILLER & HANSON INC. NB MISTY RAIN AT START & I EULDED WET PAVEMENT



M62



SHORT-TERM NOISE MEASUREMENT DATA SHEET

PROJECT: HRCS SEIS

JOB NO.: 307580.001

MEASUREMENT SITE NO.: M62

PERSONNEL: CJB

ADDRESS/DESCRIPTION: 2604 W PEMBROKE AVE, NAMPTON DATE: 11/4/15

#	Minute Period Starting	Meas'd Leq (dBA)	✓ or X	PEMBROKE/39TH ST (BOTH DIR)			Other Noise Sources	COMMENTS (Include Calibration Data)
				Autos	Medium Trucks	Heavy Trucks		
1	1255	65.8	✓				DUMPSTER	START CAL
2	56	65.3		 				114.2dB
3	57	65.6		 				SOME DRIZZLE
4	58	64.5						PRECIP VERY LIGHT
5	59	65.6						
6	1300	64.9						LOCAL ROAD WET; 1664 DRY
7	01	67.5	✓					TRUCK (LOCAL) HIT BUMP
8	02	66.2						
9	03	66.4						TRUCKS IDLING @ DOCKS
10	04	65.1						
11	05	65.8						
12	06	65.3						
13	07	66.1						HISS ON LOCAL; LITTLE HISS ON 664
14	08	66.0						
15	09	66.4	✓					CAR IN LOT
16	10	66.9	✓					" " "
17	11	65.0	✓					" " " (BACKS IN)
18	12	64.5	✓					CAR IN LOT STARTS
19	13	65.9	✓					CAR IN LOT (ends by 0:10)
20	14	65.6	✓					2nd CAR IN LOT
21	15	66.3						
22	16	67.6						
23	17	65.5						REF UNITS / IDLING TRUCKS @ DAIRY PLANT
24	18	64.7						
25	19	66.3						
26	20	65.6						
27	21	64.7						
28	22	65.1						
29	23	65.4						
30	24	65.8						

TOTAL Leq =

SUBSET Leq =

END CAL =

✓ = Other sources contributed to Leq

X = Exclude period - contaminated by non-characteristic sources

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<

LOCAL TRAFFIC 35-40 MPH (+/-)



PROJECT: 307580.001.002
 JOB NO.: _____

TRAFFIC VOLUME COUNT DATA SHEET

ASSESSMENT AREA: _____ START TIME: 12:55 p
 MEASUREMENT SITE NO.: M 42 END TIME: 1:23 p
 ADDRESS/DESCRIPTION: _____ DATE: 11.4.15
 PERSONNEL: ALY: PR SR
AVERAGE SPEED 10 SAMPLES MIN (42) MAX (63)

ROADWAY: I-664 DIRECTION 1: NBL DIRECTION 2: SBL

First Sample: 5 minutes
 Start Time: 12:55 p

Automobiles	<u>131</u>	_____
Medium Trucks (6 Tires)	<u>11</u>	_____
Heavy Trucks (>6 Tires)	<u>9</u>	_____
Average speed (mph)	_____	_____

Second Sample: 5 minutes
 Start Time: 1:05

Automobiles	_____	<u>131</u>
Medium Trucks (6 Tires)	_____	<u>15</u>
Heavy Trucks (>6 Tires)	_____	<u>13</u>
Average speed (mph)	_____	_____

Third Sample: 5 minutes
 Start Time: 1:12

Automobiles	<u>156</u>	_____
Medium Trucks (6 Tires)	<u>15</u>	_____
Heavy Trucks (>6 Tires)	<u>10</u>	_____
Average speed (mph)	_____	_____

Fourth Sample: 5 minutes
 Start Time: 1:18

Automobiles	_____	<u>122</u>
Medium Trucks (6 Tires)	_____	<u>12</u>
Heavy Trucks (>6 Tires)	_____	<u>11</u>
Average speed (mph)	_____	_____

HARRIS MILLER MILLER & HANSON INC. 10:35 a.m. mist begin to accumulate on windshield.
 with tire spray, 12:59 rain w/ spray 1:10 ✓ 1:11 pm stopped minimum spray,
 vehicle wipers are on intermit. 10:4, spray rich now
 @ 120 pm.



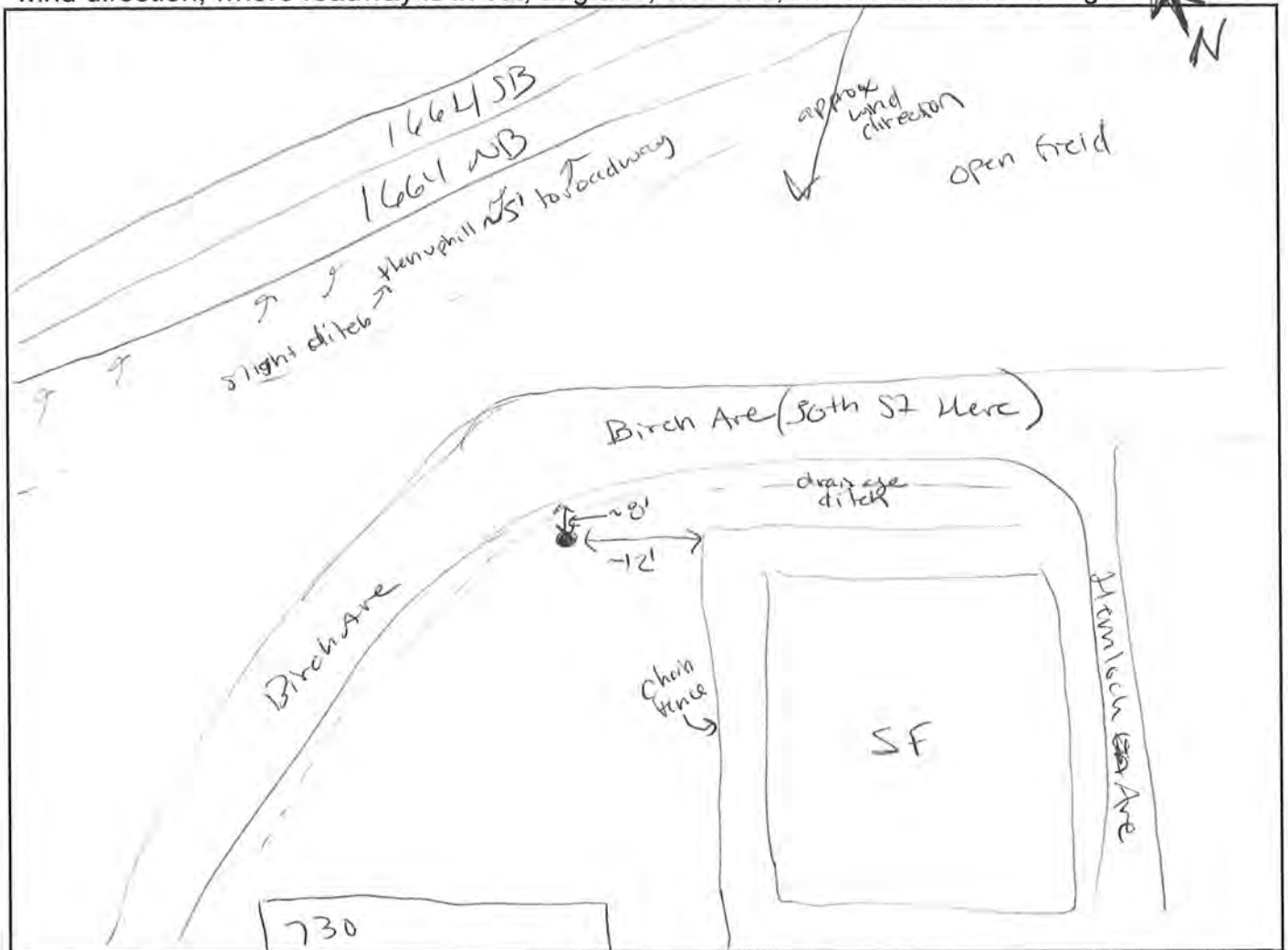
PROJECT: HRCS SEIS

JOB NO.: 307580.001

SHORT-TERM NOISE MEASUREMENT SITE LOG

ASSESSMENT AREA: _____ MEASUREMENT SITE NO.: m63 Repeat
 ADDRESS: 730 Birch Ave, Newport News VA
 OWNER: _____
 DESCRIPTION: SF
 NOISE SOURCES: 1464 Birch Ave, aircraft, community activity
 NOISE MONITOR: LD870 #2 S/N: A0256
 MICROPHONE: LDPRM900C S/N: 0862
 CALIBRATOR: B+H 4231 S/N: 1859542
 TEMP. RANGE (°F): 62°F, 42% Hum WEATHER CONDITIONS: Steady 3 mph wind
7-8 mph gusts

SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist.



PHOTOS: _____

GPS COORDINATES: ~~37.0065~~, -76.39974



M63



SHORT-TERM NOISE MEASUREMENT DATA SHEET

PROJECT: HRCS SEIS

JOB NO.: 307580.001

MEASUREMENT SITE NO.: m63 Repeat
 ADDRESS/DESCRIPTION: 730 Birch Ave

PERSONNEL: R Am
 DATE: 11/20/15

#	Minute Period Starting	Meas'd Leq (dBA)	✓ or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources	COMMENTS (Include Calibration Data)
1	11:50	73.8						CAL: 94.5, 10.3 offset
2	51	73.9						
3	52	73.6						
4	53	71.3						
5	54	73.0						car Birch Ave get again
6	55	72.1						
7	56	73.0						
8	57	72.6	✓					up street Birch Ave
9	58	70.2						
10	59	74.3						
11	12:00	73.0						
12	01	71.0						
13	02	73.4						
14	03	70.7						
15	04	72.6						
16	05	71.5						
17	06	72.3						
18	07	73.8						
19	08	72.6						
20	09	74.9					pedestrian	Birch Ave
21	10	74.4						
22	11	71.2						
23	12	73.6						car Birch Ave
24	13	74.3						site nearby
25	14	72.7						site again
26	15	74.3						
27	16	74.2						
28	17	72.8						
29	18	74.1						
30	19	74.5						CAL: 94.2, 10.3

TOTAL Leq =

SUBSET Leq =

✓ = Other sources contributed to Leq

X = Exclude period - contaminated by non-characteristic sources

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<



PROJECT: _____
 JOB NO.: _____

TRAFFIC VOLUME COUNT DATA SHEET

ASSESSMENT AREA: _____ START TIME: RE-DO 11:50
 MEASUREMENT SITE NO.: M63 END TIME: 12:13 P
 ADDRESS/DESCRIPTION: _____ DATE: 11-20-15
 PERSONNEL: CLG:PK&K

Average Speed MIN TO MAX 57 to 70

ROADWAY: 664 DIRECTION 1: NBL DIRECTION 2: SBL

First Sample: 5 minutes
 Start Time: 11:50 A

Automobiles	<u>* 174</u>	<u>11:50</u>
Medium Trucks (6 Tires)	<u>8</u>	
Heavy Trucks (>6 Tires)	<u>9</u>	
Average speed (mph)		

Second Sample: 5 minutes
 Start Time: 11:54

Automobiles		<u>* 130</u>
Medium Trucks (6 Tires)		<u>8</u>
Heavy Trucks (>6 Tires)		<u>7</u>
Average speed (mph)		

Third Sample: 5 minutes
 Start Time: 12:02

Automobiles	<u>* 162</u>	
Medium Trucks (6 Tires)	<u>8</u>	
Heavy Trucks (>6 Tires)	<u>10</u>	
Average speed (mph)		

Fourth Sample: 5 minutes
 Start Time: 12:09

Automobiles		<u>* 180</u>
Medium Trucks (6 Tires)		<u>10</u>
Heavy Trucks (>6 Tires)		<u>9</u>
Average speed (mph)		



PROJECT: HRCS SEIS

JOB NO.: 307580.001

SHORT-TERM NOISE MEASUREMENT SITE LOG

ASSESSMENT AREA: _____ MEASUREMENT SITE NO.: M64

ADDRESS: 309 WARD DRIVE, HAMPTON

OWNER: _____

DESCRIPTION: FRONT YARD (IN LINE W/ FACADE), 5' FROM CURB

NOISE SOURCES: TRAFFIC ON I664; BIRDS; INSECTS

NOISE MONITOR: _____ S/N: _____

MICROPHONE: SEE DATA SHEET S/N: _____

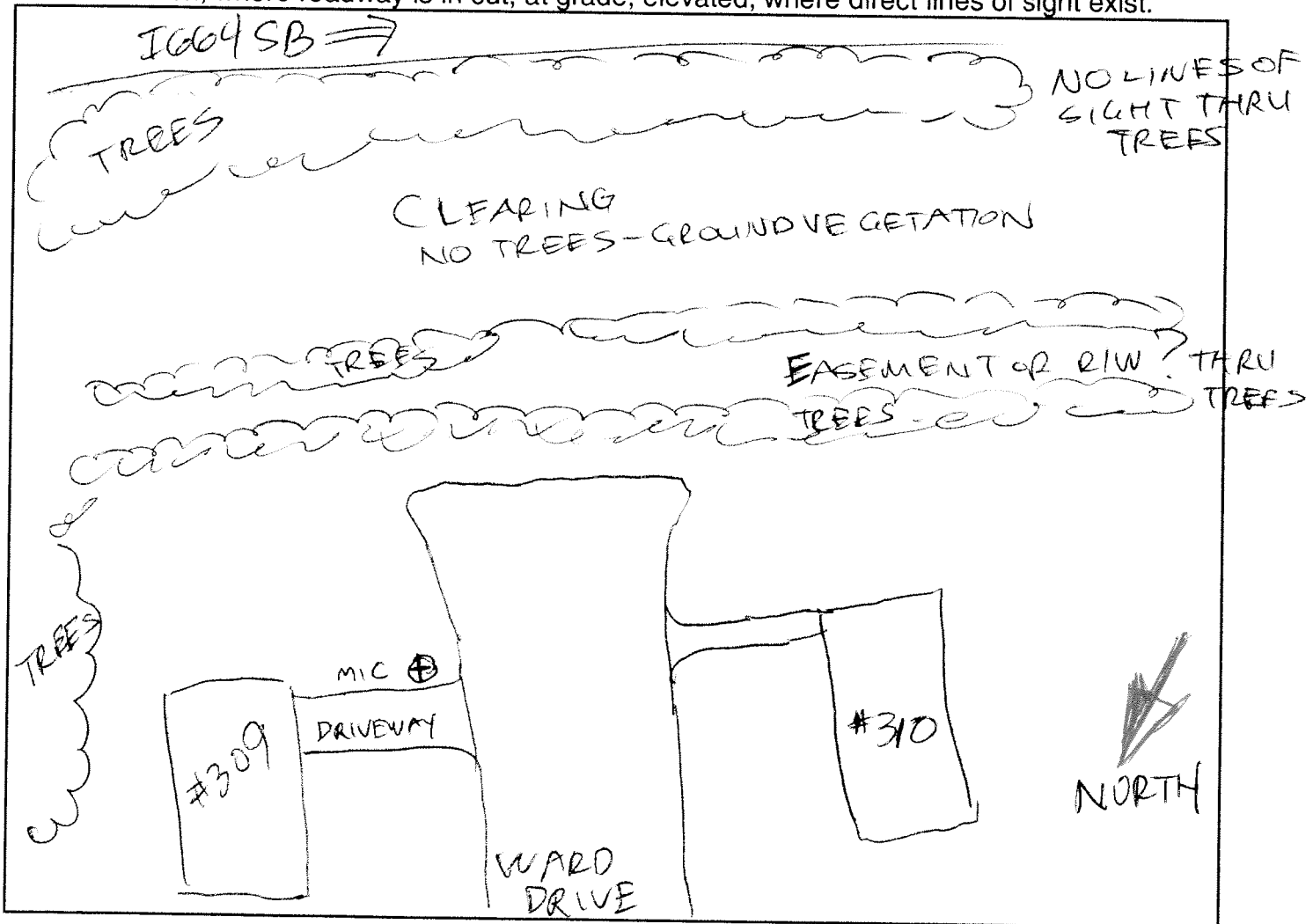
CALIBRATOR: FOR SITE M64 S/N: _____

TEMP. RANGE (°F): 67°F WEATHER CONDITIONS: CLEAR SKIES

67° RH

CALM; WINDS 0-2 MPH

SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist.



PHOTOS: _____

GPS COORDINATES: _____



M64



SHORT-TERM NOISE MEASUREMENT DATA SHEET

PROJECT: HRCS SEIS

JOB NO.: 307580.001

MEASUREMENT SITE NO.: M64

PERSONNEL: GJB

ADDRESS/DESCRIPTION: 309 WARD DRIVE, HAMPTON DATE: 1/3/2015

#	Minute Period Starting	Meas'd Leq (dBA)	✓ or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources	COMMENTS (Include Calibration Data)
1	1455	60.7						START CAL
2	56	60.1						(114.3 dB
3	57	59.0						
4	58	60.0						
5	59	59.5						
6	1500	59.1						
7	01	59.9						
8	02	59.0						
9	03	59.6						
10	04	59.3						
11	05	60.7						
12	06	60.7						
13	07	60.3						
14	08	60.3						
15	09	60.1						
16	10	60.0						
17	11	60.0						
18	12	59.9						
19	13	60.7						
20	14	59.9						
21	15	61.4						
22	16	59.9						
23	17	60.2						
24	18	60.1						
25	19	59.4						
26	20	59.7						
27	21	59.6						
28	22	59.8						
29	23	59.4						
30	24	60.9						

TOTAL Leq =

SUBSET Leq =

END CAL = 114.2

✓ = Other sources contributed to Leq

X = Exclude period - contaminated by non-characteristic sources

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<



PROJECT: 307580, 001-002
 JOB NO.: _____

TRAFFIC VOLUME COUNT DATA SHEET

ASSESSMENT AREA: _____ START TIME: 2:55
 MEASUREMENT SITE NO.: M 64 END TIME: 3:27
 ADDRESS/DESCRIPTION: _____ DATE: 11-3-15
 PERSONNEL: ALY, RR & K

ROADWAY: I-664

DIRECTION 1: NBL

DIRECTION 2: SB

First Sample: 5 minutes
 Start Time: 2:55

Automobiles * 183
 Medium Trucks (6 Tires) 12
 Heavy Trucks (>6 Tires) 11
 Average speed (mph) 64

5 mins segments
 1st near
 for N/S
 Bound -
 NB RAMP
 = 12
 = 1
 = 1

Second Sample: 5 minutes
 Start Time: 3:05

Automobiles * _____
 Medium Trucks (6 Tires) _____
 Heavy Trucks (>6 Tires) _____
 Average speed (mph) _____

SB RAMP
 = 10
 = 0
 = 0
 = 0
 = 65

Third Sample: 5 minutes
 Start Time: 3:14

Automobiles * 285
 Medium Trucks (6 Tires) 6
 Heavy Trucks (>6 Tires) 8
 Average speed (mph) 64

NB RAMP
 = 17
 = 0
 = 0

Fourth Sample: 5 minutes
 Start Time: 3:22

Automobiles * _____
 Medium Trucks (6 Tires) _____
 Heavy Trucks (>6 Tires) _____
 Average speed (mph) _____

SB RAMP
 = 3
 = 0
 = 0
 = 12
 = 65



PROJECT: HRCS SEIS

JOB NO.: 307580.001

SHORT-TERM NOISE MEASUREMENT SITE LOG

ASSESSMENT AREA: _____ MEASUREMENT SITE NO.: M65

ADDRESS: 228 PRINCE JAMES DR, HAMPTON

OWNER: _____

DESCRIPTION: SIDE YARD BY DRIVEWAY

NOISE SOURCES: TRAFFIC ON I664 MAINLINE & SOME RAMP

NOISE MONITOR: _____ S/N: _____

MICROPHONE: _____ S/N: _____

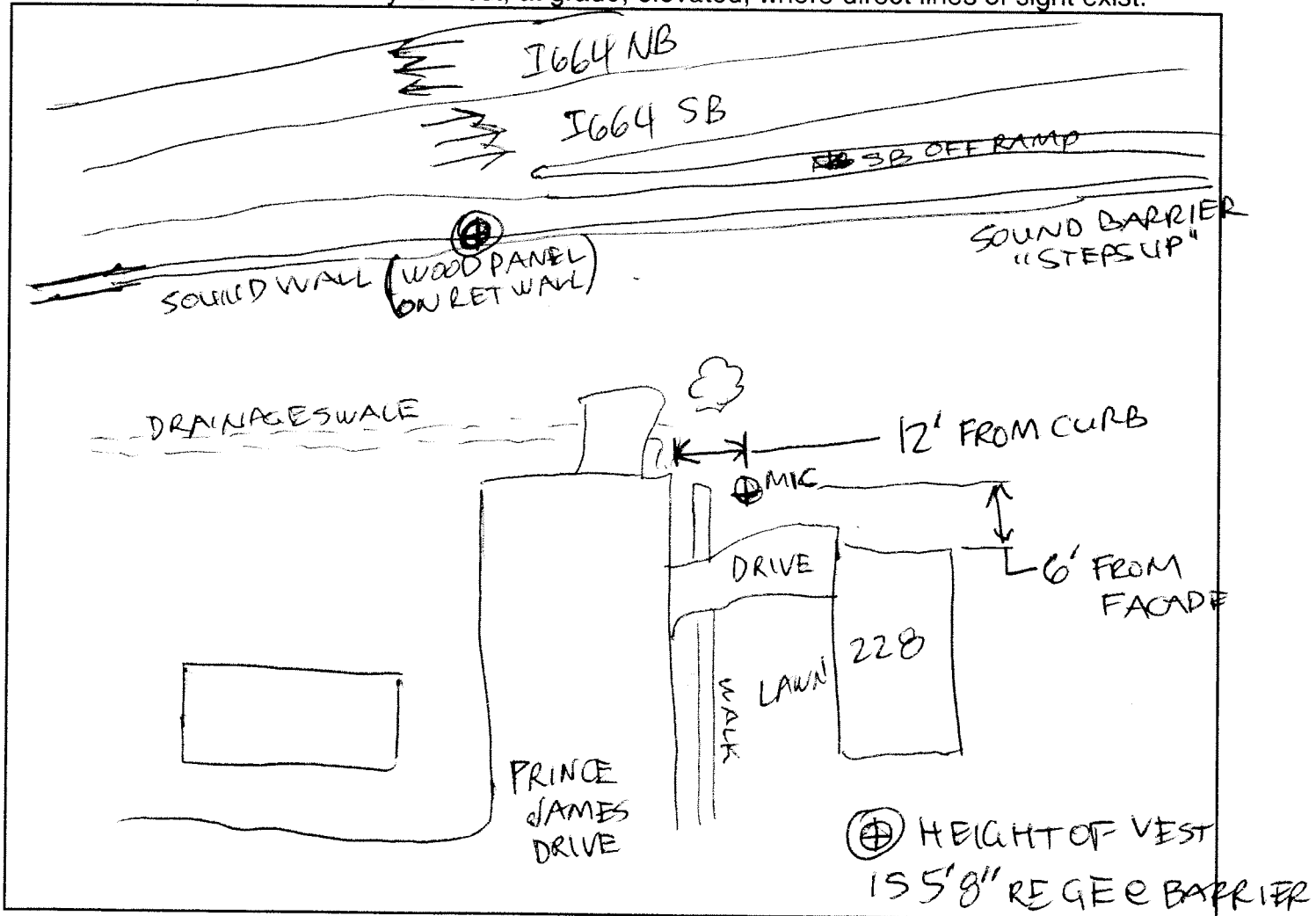
CALIBRATOR: _____ S/N: _____

TEMP. RANGE (°F): 64°F WEATHER CONDITIONS: HIGH THIN CLOUDS

73% RH

CALM

SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist.



PHOTOS: _____

GPS COORDINATES: _____



M65



M65



SHORT-TERM NOISE MEASUREMENT DATA SHEET

PROJECT: HRCS SEIS

JOB NO.: 307580.001

MEASUREMENT SITE NO.: M65

PERSONNEL: 1/3/2015

ADDRESS/DESCRIPTION: 228 PRINCE JAMES DR, HAMPTON DATE: CJB

#	Minute Period Starting	Meas'd Leq (dBA)	✓ or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources	COMMENTS (Include Calibration Data)
1	1615	58.1						START CAL
2	16	58.2						114.0 dB
3	17	58.6						HOMEOWNER
4	18	60.6	X					HOMEOWNER
5	19	60.2	X					HOMEOWNER IN CAR
6	20	59.7	✓					JET O/F (DISTANT)
7	21	59.6						
8	22	58.8						
9	23	59.5						
10	24	57.4						
11	25	58.9						
12	26	58.7						
13	27	59.5						
14	28	58.3						
15	29	59.9	✓					DOG TON; LEAF BLOWER TO E?
16	30	60.5	✓					CAR RUNNING
17	31	59.7	✓					MC ON LOCAL ROAD (POW HATTAN)
18	32	59.8	✓					DOG
19	33	59.9						
20	34	62.1	✓					JET TON
21	35	59.7	✓					CAR VACUUM TO A }
22	36	61.3	✓					" " " " }
23	37	59.5	✓					" " " " }
24	38	59.6						MC ON 664 NB
25	39	59.6						
26	40	59.9						
27	41	59.3	✓					CAR VACUUM
28	42	60.3	✓					" " "
29	43	60.7						
30	44	59.0	✓					POWER SAW TON (BRIEF)

TOTAL Leq =

SUBSET Leq = (DISTANT)

✓ = Other sources contributed to Leq

X = Exclude period - contaminated by non-characteristic sources

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<



PROJECT: 307500,001,002
 JOB NO.: _____

TRAFFIC VOLUME COUNT DATA SHEET

ASSESSMENT AREA: _____ START TIME: 4:15p
 MEASUREMENT SITE NO.: M 65 END TIME: 4:45
 ADDRESS/DESCRIPTION: _____ DATE: 11.3.15
 _____ PERSONNEL: alg: RKR

ROADWAY: I-664 DIRECTION 1: NBL DIRECTION 2: SBL

First Sample: 5 minutes
 Start Time: 4:15

	<u>NBL</u>	<u>SBL</u>	<u>NB RAMP</u>
Automobiles	<u>351</u>		<u>A = 12</u>
Medium Trucks (6 Tires)	<u>8</u>		<u>= 1</u>
Heavy Trucks (>6 Tires)	<u>3</u>		<u>= 0</u>
Average speed (mph)	<u>63</u>		

Second Sample: 5 minutes
 Start Time: 4:23

			<u>SB RAMP</u>
Automobiles		<u>172</u>	<u>A = 35</u>
Medium Trucks (6 Tires)		<u>7</u>	<u>= 7</u>
Heavy Trucks (>6 Tires)		<u>6</u>	<u>= 0</u>
Average speed (mph)		<u>69</u>	

Third Sample: 5 minutes
 Start Time: 4:31

			<u>NB RAMP</u>
Automobiles	<u>310</u>		<u>= 13</u>
Medium Trucks (6 Tires)	<u>8</u>		<u>= 0</u>
Heavy Trucks (>6 Tires)	<u>2</u>		<u>0</u>
Average speed (mph)	<u>66</u>		

Fourth Sample: 5 minutes
 Start Time: 4:40

			<u>SB RAMP</u>
Automobiles		<u>205</u>	<u>= 31</u>
Medium Trucks (6 Tires)		<u>7</u>	<u>= 0</u>
Heavy Trucks (>6 Tires)		<u>5</u>	<u>= 0</u>
Average speed (mph)		<u>65</u>	



PROJECT: HRCS SEIS

JOB NO.: 307580.001

SHORT-TERM NOISE MEASUREMENT SITE LOG

ASSESSMENT AREA: _____ MEASUREMENT SITE NO.: M66

ADDRESS: BACKYARD OF #5 DUNDEE ROAD

OWNER: _____

DESCRIPTION: BACKYARD OF #5 DUNDEE ROAD / MARSLAND DR EXT.

NOISE SOURCES: TRAFFIC ON I664; WIND IN TREES; BIRDS

NOISE MONITOR: _____ S/N: _____

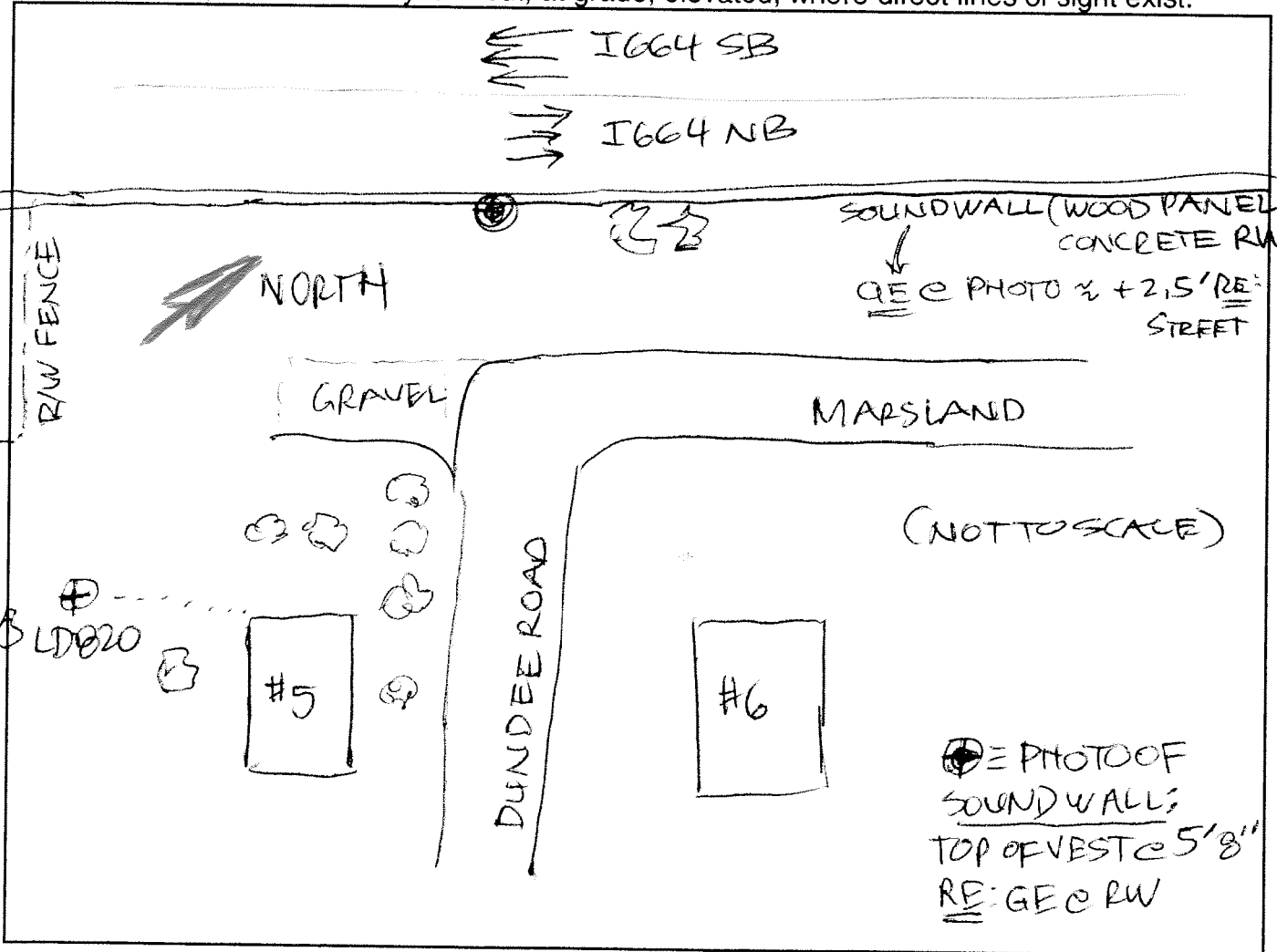
MICROPHONE: SEE DATA SHEET S/N: _____

CALIBRATOR: _____ FOR M69 S/N: _____

TEMP. RANGE (°F): 66°F WEATHER CONDITIONS: PARTLY CLOUDY

75% RH WINDS → 0-4 MPH

SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist.



PHOTOS: _____

GPS COORDINATES: _____



M66



M66



SHORT-TERM NOISE MEASUREMENT DATA SHEET

PROJECT: HRCS SEIS

JOB NO.: 307580.001

MEASUREMENT SITE NO.: M66 (EXISTING SOUND WALL) PERSONNEL: CJB
ADDRESS/DESCRIPTION: BACKYARD OF #5 DUNDEE RD DATE: 11/3/2015

#	1 Minute Period Starting	Meas'd Leq (dBA)	✓ or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources	COMMENTS (Include Calibration Data)
1	1135	65.2						START CAL
2	36	66.5						114.1 dB
3	37	64.9						
4	38	65.7						
5	39	65.4						
6	40	64.8	✓					DISTANT A/C TOW?
7	41	66.3						
8	42	66.8						
9	43	65.9						
10	44	66.9						
11	45	64.1						
12	46	68.2	✓					AIR BRAKE ON I664?
13	47	67.2						
14	48	67.2	✓					JAKE BRAKE I664 NB
15	49	66.0						
16	50	66.8						
17	51	66.0						
18	52	66.0						
19	53	66.4						
20	54	66.7						
21	55	65.9						
22	56	64.8						
23	57	65.7						
24	58	65.9						
25	59	64.6						
26	1200	67.4						
27	01	66.5						
28	02	65.6						
29	03	66.5						
30	04	65.1						

TOTAL Leq =

SUBSET Leq =

END CAL = 114.1

✓ = Other sources contributed to Leq

X = Exclude period - contaminated by non-characteristic sources

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<



PROJECT: 367580-001-002
 JOB NO.: _____

TRAFFIC VOLUME COUNT DATA SHEET

ASSESSMENT AREA: _____ START TIME: 11:35
 MEASUREMENT SITE NO.: 1166 END TIME: 12:05
 ADDRESS/DESCRIPTION: _____ DATE: 11-3-15
 _____ PERSONNEL: AZJ:PK#K

ROADWAY: 1-664 DIRECTION 1: NBL DIRECTION 2: SBL

First Sample: 5 minutes
 Start Time: 11:35A
11:40

Automobiles	* <u>143</u>	_____
Medium Trucks (6 Tires)	<u>9</u>	_____
Heavy Trucks (>6 Tires)	<u>4</u>	_____
Average speed (mph)	_____	_____

Second Sample: 5 minutes
 Start Time: 11:45A

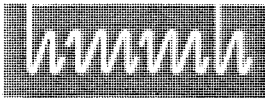
Automobiles	_____	* <u>128</u>
Medium Trucks (6 Tires)	_____	<u>6</u>
Heavy Trucks (>6 Tires)	_____	<u>9</u>
Average speed (mph)	_____	<u>64</u>

Third Sample: 5 minutes
 Start Time: 11:52

Automobiles	* <u>141</u>	_____
Medium Trucks (6 Tires)	<u>12</u>	_____
Heavy Trucks (>6 Tires)	<u>7</u>	_____
Average speed (mph)	<u>70</u>	_____

Fourth Sample: 5 minutes
 Start Time: 12:00P

Automobiles	_____	* <u>162</u>
Medium Trucks (6 Tires)	_____	<u>8</u>
Heavy Trucks (>6 Tires)	_____	<u>12</u>
Average speed (mph)	_____	<u>70</u>



PROJECT: HRCS SEIS

JOB NO.: 307580.001

SHORT-TERM NOISE MEASUREMENT SITE LOG

ASSESSMENT AREA: _____ MEASUREMENT SITE NO.: M67

ADDRESS: HAMPTON HS

OWNER: _____

DESCRIPTION: ADJACENT TO BATTING CAGE

NOISE SOURCES: TRAFFIC ON I664; INSECTS; BIRDS

NOISE MONITOR: _____ S/N: _____

MICROPHONE: SEE DATA SHEET FOR S/N: _____

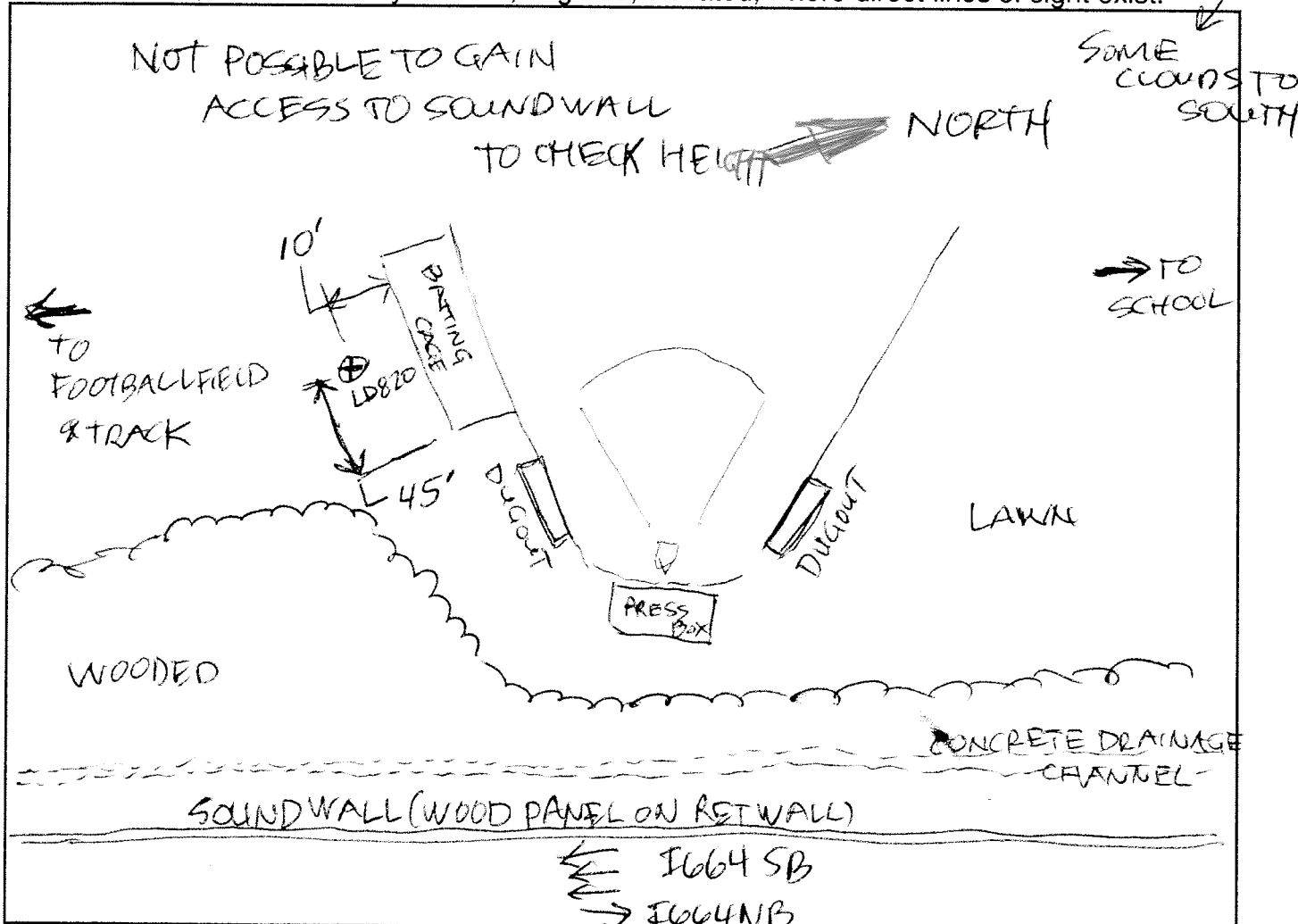
CALIBRATOR: SITE M69 S/N: _____

TEMP. RANGE (°F): 68-70°F WEATHER CONDITIONS: CLEAR SKIES

64% RH

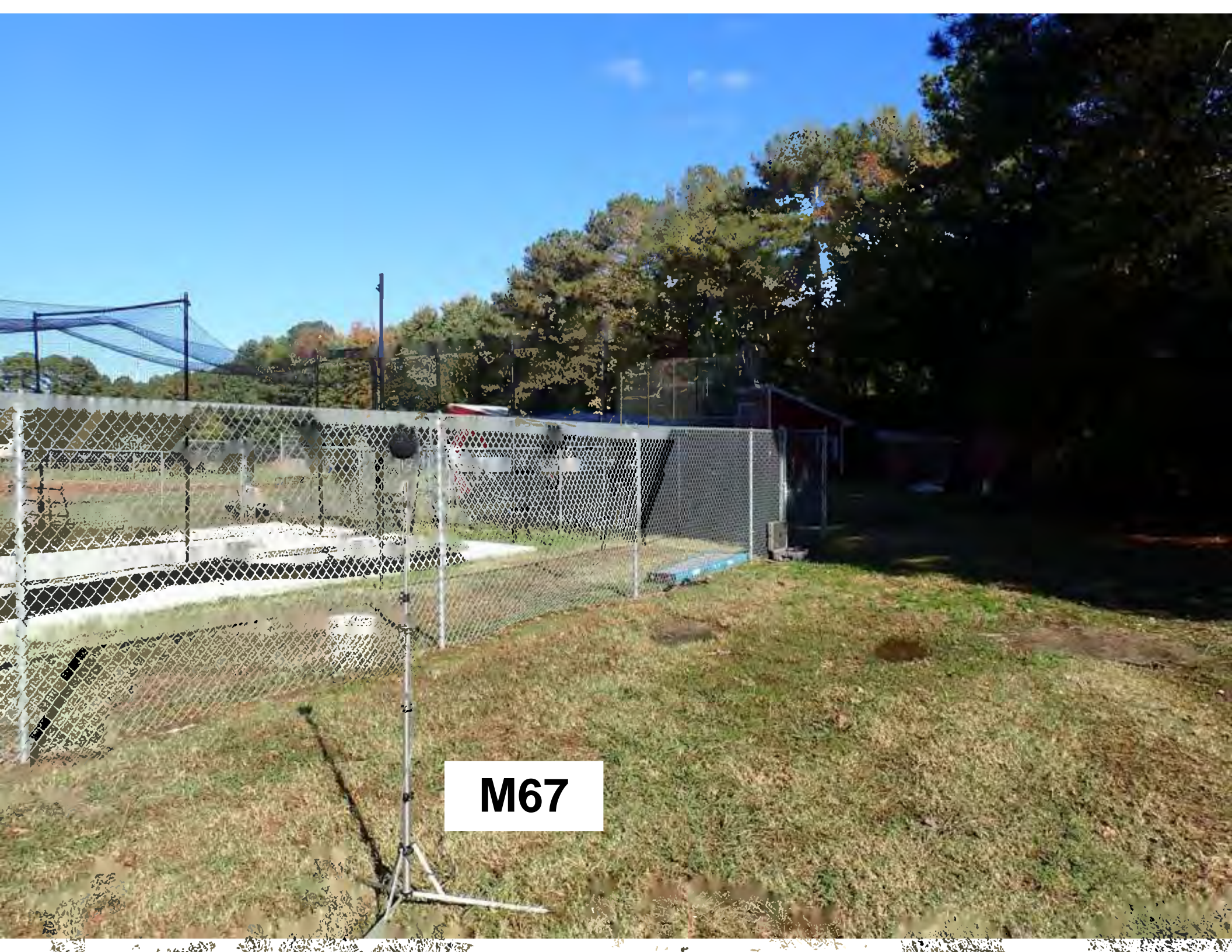
0-4 MPH

SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist.



PHOTOS: _____

GPS COORDINATES: _____



M67



SHORT-TERM NOISE MEASUREMENT DATA SHEET

PROJECT: HRCS SEIS

JOB NO.: 307580.001

MEASUREMENT SITE NO.: M67 (EXISTING SOUND WALL) PERSONNEL: CJB
ADDRESS/DESCRIPTION: HAMPTON HS: BATTING CAGES DATE: 11/3/2015

#	Minute Period Starting	Meas'd Leq (dBA)	√ or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources	COMMENTS (Include Calibration Data)
1	1315	60.9						START CAL
2	16	59.9						114.3 dB
3	17	60.5						
4	18	61.2						
5	19	61.1						
6	20	62.5						
7	21	61.9						
8	22	60.8						
9	23	60.3						
10	24	61.5						
11	25	62.3						
12	26	61.1						
13	27	60.7						
14	28	61.6						
15	29	60.7						
16	30	60.5						
17	31	60.9						
18	32	61.4						
19	33	60.6						
20	34	61.4						
21	35	61.5						
22	36	60.4						
23	37	61.9						
24	38	63.5	√					DISTANT AC
25	39	62.5						
26	40	60.4						
27	41	61.0						
28	42	61.5						
29	43	61.8						
30	44	60.4						

TOTAL Leq =

SUBSET Leq =

END CAL =

√ = Other sources contributed to Leq

X = Exclude period - contaminated by non-characteristic sources

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<



PROJECT: 307500.001.002
 JOB NO.: _____

TRAFFIC VOLUME COUNT DATA SHEET

ASSESSMENT AREA: _____ START TIME: 11:15 a
 MEASUREMENT SITE NO.: 67 END TIME: 1:45 p
 ADDRESS/DESCRIPTION: _____ DATE: 11-3-15
 _____ PERSONNEL: alg: PK & K

ROADWAY: I - 664 DIRECTION 1: NBL DIRECTION 2: SBL

First Sample: 5 minutes
 Start Time: 11:15

Automobiles	<u>* 124</u>	_____
Medium Trucks (6 Tires)	<u>7</u>	_____
Heavy Trucks (>6 Tires)	<u>4</u>	_____
Average speed (mph)	<u>64</u>	_____

Second Sample: 5 minutes
 Start Time: 12:20
12:27

Automobiles	_____	<u>* 153</u>
Medium Trucks (6 Tires)	_____	<u>14</u>
Heavy Trucks (>6 Tires)	_____	<u>14</u>
Average speed (mph)	_____	<u>64</u>

Third Sample: 5 minutes
 Start Time: 1:30
(1:32 p)

Automobiles	<u>* 177</u>	_____
Medium Trucks (6 Tires)	<u>8</u>	_____
Heavy Trucks (>6 Tires)	<u>7</u>	_____
Average speed (mph)	<u>65</u>	_____

Fourth Sample: 5 minutes
 Start Time: 1:40 p

Automobiles	_____	<u>* 172</u>
Medium Trucks (6 Tires)	_____	<u>10</u>
Heavy Trucks (>6 Tires)	_____	<u>6</u>
Average speed (mph)	_____	<u>65</u>



PROJECT: HRCS SEIS

JOB NO.: 307580.001

SHORT-TERM NOISE MEASUREMENT SITE LOG

ASSESSMENT AREA: _____ MEASUREMENT SITE NO.: M68
ADDRESS: BRAEMAR DR @ MARSLAND DR, HAMPTON

OWNER: _____
DESCRIPTION: SIDE YARD OF #24 BRAEMAR EXISTING SOUND

NOISE SOURCES: TRAFFIC ON I664; INSECTS; WALL

NOISE MONITOR: _____ S/N: _____

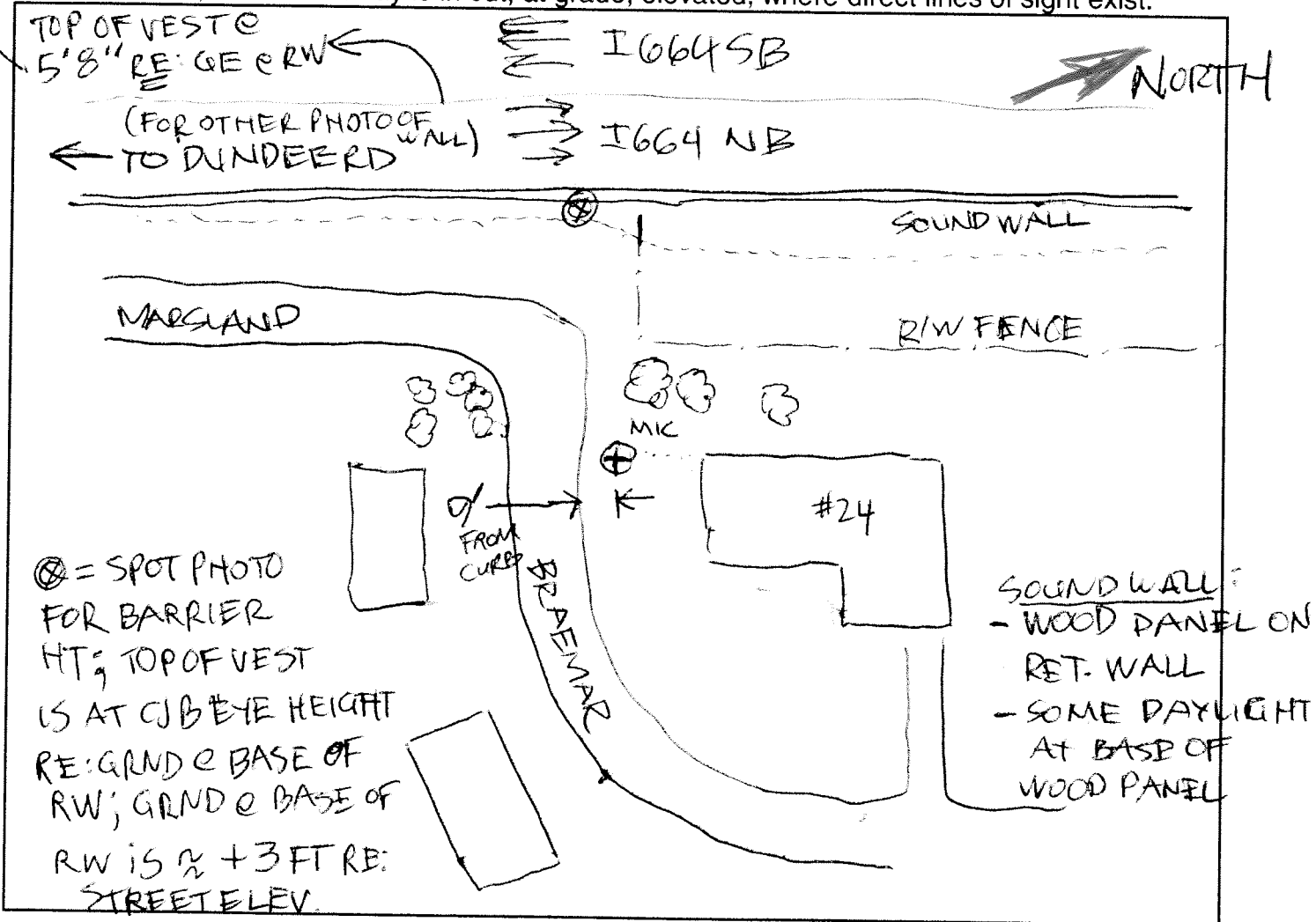
MICROPHONE: SEE SHEET FOR M69 S/N: _____

CALIBRATOR: _____ S/N: _____

TEMP. RANGE (°F): 67-68°F WEATHER CONDITIONS: PARTLY CLOUDY
70% RH CALM WINDS

SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist.

GE @ RW IS \approx +2.5' RE: STREET



PHOTOS: _____

GPS COORDINATES: _____



M68



SHORT-TERM NOISE MEASUREMENT DATA SHEET

PROJECT: HRCS SEIS (EXISTING SOUNDWALL)
 JOB NO.: 307580.001

MEASUREMENT SITE NO.: M68 (HAMPTON, VA) PERSONNEL: CJB
 ADDRESS/DESCRIPTION: BRAMAR DR @ MARSLAND DR DATE: 11/3/2015

#	1 Minute Period Starting	Meas'd Leq (dBA)	✓ or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources	COMMENTS (Include Calibration Data)
1	10:25	64.5	65.6					START CAL
2	26	64.5		1				114.0 dB
3	27	64.4						
4	28	65.1						
5	29	64.8						
6	30	65.7						
7	31	64.5						
8	32	65.6						
9	33	65.6						
10	34	65.8						
11	35	66.4						
12	36	66.1						
13	37	65.5						
14	38	65.6						
15	39	65.9						
16	40	65.1						
17	41	66.3						
18	42	64.7						
19	43	65.0						
20	44	65.3	✓					JET TONE
21	45	64.1						
22	46	65.7						
23	47	66.5						
24	48	65.1						
25	49	65.9						
26	50	66.5						
27	51	64.8						
28	52	66.9						
29	53	66.1	✓					A/C O/F TO N
30	54	65.0						

TOTAL Leq = _____ SUBSET Leq = _____ END CAL = _____
 ✓ = Other sources contributed to Leq X = Exclude period - contaminated by non-characteristic sources

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<



PROJECT: 301 580.001.002
 JOB NO.: _____

TRAFFIC VOLUME COUNT DATA SHEET

ASSESSMENT AREA: _____ START TIME: 10:25
 MEASUREMENT SITE NO.: M68 END TIME: 11:10
 ADDRESS/DESCRIPTION: _____ DATE: 11-3-15
 _____ PERSONNEL: alg: PK#K

ROADWAY: I-664 DIRECTION 1: NBL DIRECTION 2: SB

First Sample: 5 minutes
 Start Time: 10:25

Automobiles	* <u>107</u>	_____
Medium Trucks (6 Tires)	<u>8</u>	_____
Heavy Trucks (>6 Tires)	<u>12</u>	_____
Average speed (mph)	<u>64</u>	_____

Second Sample: 5 minutes
 Start Time: 10:33

Automobiles	_____	* <u>129</u>
Medium Trucks (6 Tires)	_____	<u>7</u>
Heavy Trucks (>6 Tires)	_____	<u>13</u>
Average speed (mph)	_____	<u>67</u>

Third Sample: 5 minutes
 Start Time: ~~10:40~~
10:58

Automobiles	* <u>129</u>	_____
Medium Trucks (6 Tires)	<u>12</u>	_____
Heavy Trucks (>6 Tires)	<u>11</u>	_____
Average speed (mph)	<u>67</u>	_____

Fourth Sample: 5 minutes
 Start Time: 11:05

Automobiles	_____	* <u>140</u>
Medium Trucks (6 Tires)	_____	<u>14</u>
Heavy Trucks (>6 Tires)	_____	<u>12</u>
Average speed (mph)	_____	<u>63</u>



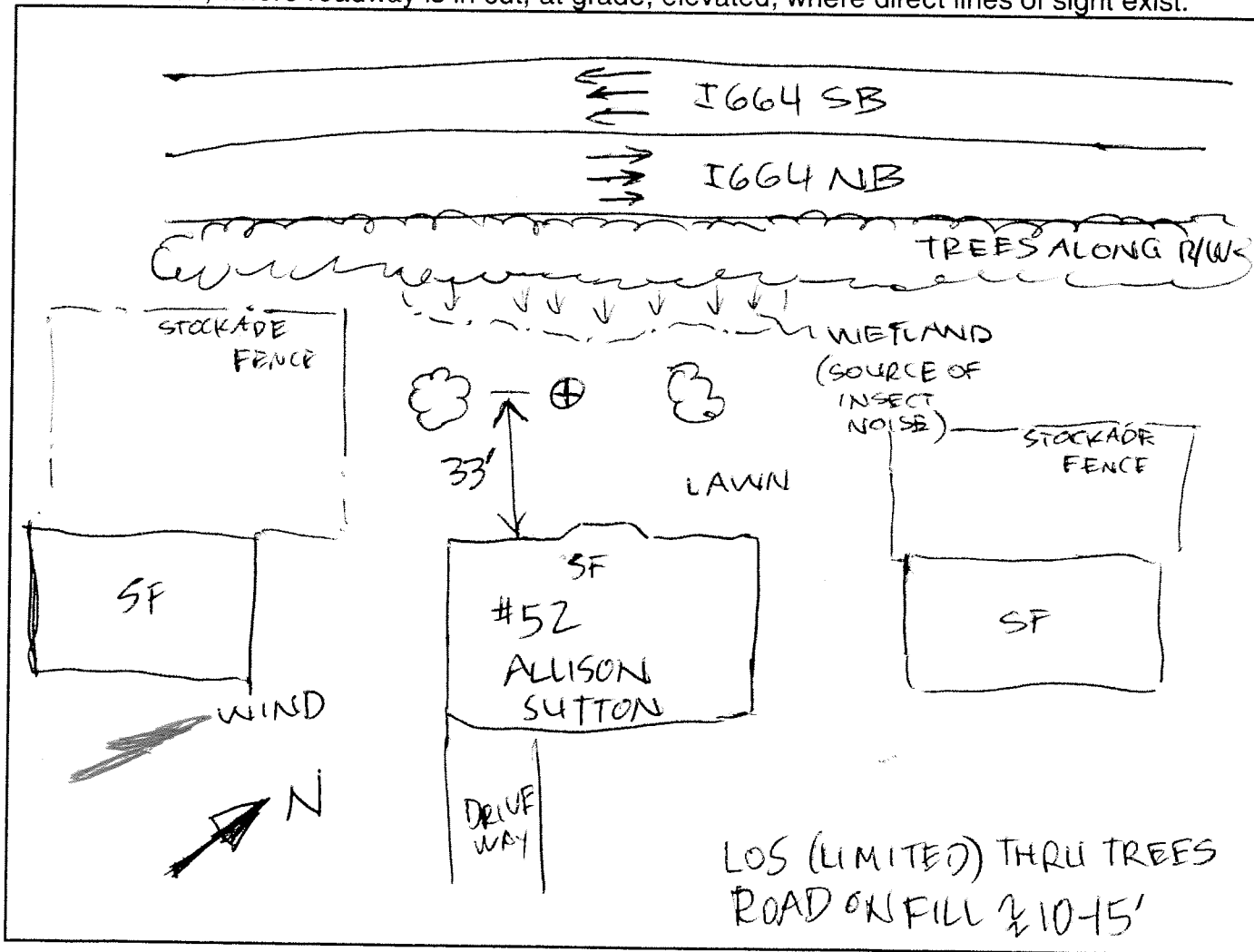
PROJECT: HRCS SEIS

JOB NO.: 307580.001

SHORT-TERM NOISE MEASUREMENT SITE LOG

ASSESSMENT AREA: _____ MEASUREMENT SITE NO.: M69
 ADDRESS: 52 ALLISON SUTTON DRIVE, HAMPTON
 OWNER: _____
 DESCRIPTION: BACKYARD
 NOISE SOURCES: INSECT NOISE; TRAFFIC ON I664; DISTANT JETS
 NOISE MONITOR: LDB20 #2 S/N: 1216 TO NE
 MICROPHONE: GRAS 40AQ S/N: 21520
 CALIBRATOR: QUEST QC-20 S/N: QD 40022
 TEMP. RANGE (°F): 65°F WEATHER CONDITIONS: MOSTLY SUNNY
82% RH WIND 0-4 MPH

SITE SKETCH: Show roadway, homes, local roads, reference distances, arrows for North & wind direction, where roadway is in cut, at grade, elevated, where direct lines of sight exist.



PHOTOS: _____

GPS COORDINATES: _____



M69



SHORT-TERM NOISE MEASUREMENT DATA SHEET

PROJECT: HRCS SEIS

JOB NO.: 307580.001

MEASUREMENT SITE NO.: M69

PERSONNEL: CJB

ADDRESS/DESCRIPTION: 52 ALLISON SUTTON DR, HAMPTON DATE: 11/3/2015

#	1 Minute Period Starting	Meas'd Leq (dBA)	✓ or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources	COMMENTS (Include Calibration Data)
1	08:55	66.7						CHNG CAL
2	:56	65.5						114.0dB @ 1KHZ
3	:57	67.9	✓				JET TO E	OFFSET = 6.6 dB
4	:58	67.6	✓				"	
5	:59	66.3						
6	09:00	66.8	✓				JET TO E	
7	:01	67.3	✓				"	JAKE BRAKE/RUMBLE STRIP NB
8	:02	67.0						
9	:03	65.9						
10	:04	67.9						
11	:05	67.3						
12	:06	65.1						
13	07	66.3						
14	08	66.3						
15	09	66.8						
16	10	65.4						
17	11	65.9						
18	12	66.3						
19	13	66.7						
20	14	67.4	✓				JET TO N	
21	15	66.1	✓				" "	
22	16	64.1						WIND PICKS UP
23	17	63.9						
24	18	66.0						
25	19	68.0						
26	20	67.0						
27	21	66.5						
28	22	65.1						
29	23	66.9						
30	24	66.4						

TOTAL Leq =

SUBSET Leq =

END CAL = 114.2 dB

✓ = Other sources contributed to Leq

X = Exclude period - contaminated by non-characteristic sources

>> ADD SKETCH AND WEATHER CONDITIONS TO REVERSE OR OTHER SHEET <<



PROJECT: 307580.001.002
 JOB NO.: _____

TRAFFIC VOLUME COUNT DATA SHEET

ASSESSMENT AREA: _____ START TIME: 8:55
 MEASUREMENT SITE NO.: M69 END TIME: 9:25
 ADDRESS/DESCRIPTION: _____ DATE: 11.3.15
 _____ PERSONNEL: alg PKTK

ROADWAY: I-664 DIRECTION 1: _____ DIRECTION 2: _____

First Sample: 5 minutes
 Start Time: 8:55 A

	<u>NBL</u>	<u>SBL</u>
Automobiles	<u>* 124</u>	_____
Medium Trucks (6 Tires)	<u>6</u>	_____
Heavy Trucks (>6 Tires)	<u>13</u>	_____
Average speed (mph)	<u>63</u>	_____

Second Sample: 5 minutes
 Start Time: 9:05 A

	_____	<u>+ 13BL 9:05 A</u>
Automobiles	_____	_____
Medium Trucks (6 Tires)	_____	<u>11</u>
Heavy Trucks (>6 Tires)	_____	<u>6</u>
Average speed (mph)	_____	<u>64</u>

Third Sample: 9:13 minutes
 Start Time: 9

	<u>NBL</u>	_____
Automobiles	<u>* 117</u>	_____
Medium Trucks (6 Tires)	<u>7</u>	_____
Heavy Trucks (>6 Tires)	<u>11</u>	_____
Average speed (mph)	<u>65</u>	_____

Fourth Sample: 5 minutes
 Start Time: 9:20

	_____	<u>SBL</u>
Automobiles	_____	<u>* 126</u>
Medium Trucks (6 Tires)	_____	<u>11</u>
Heavy Trucks (>6 Tires)	_____	<u>16</u>
Average speed (mph)	_____	<u>67</u>

Site Number	M32
Location:	340 Bradford Ave, Norfolk
Date:	11/11/2015
Start Time:	13:12
Duration (min):	30

VALIDATION SOUND LEVEL

Time	Leq	Enter Y for Yes	
		Non-Traffic	Exclude
13:12	62.7		
13:13	62.3		
13:14	63.9		
13:15	59.5		
13:16	65.1		
13:17	59.9		
13:18	62.8		
13:19	59.5		
13:20	62.1		
13:21	61.2		
13:22	64.2		
13:23	65.9		
13:24	62.1		
13:25	62.2		
13:26	63.4		
13:27	64.4		
13:28	62.1		
13:29	61.7		
13:30	61.6		
13:31	63.7		
13:32	61.8		
13:33	65.3	Y	
13:34	63.8		
13:35	63.3		
13:36	64.0	Y	
13:37	62.0		
13:38	65.0		
13:39	62.7		
13:40	63.9		
13:41	61.7		
Traffic-only Leq:			62.9
Overall Leq:			63.1

TRAFFIC INPUT Site Number M32
Data Entry Table

Roadway	Direction	VehicleType	Total_Lookup	VehType_Lookup	Start_Time	Duration	Count	Speed
I564	NB	A	I564_NB	I564_NB_A	13:10		5	112
I564	NB	MT	I564_NB	I564_NB_MT	13:10		5	1
I564	NB	HT	I564_NB	I564_NB_HT	13:10		5	4
I564	SB	A	I564_SB	I564_SB_A	13:18		5	74
I564	SB	MT	I564_SB	I564_SB_MT	13:18		5	0
I564	SB	HT	I564_SB	I564_SB_HT	13:18		5	0
I564	NB	A	I564_NB	I564_NB_A	13:24		5	126
I564	NB	MT	I564_NB	I564_NB_MT	13:24		5	2
I564	NB	HT	I564_NB	I564_NB_HT	13:24		5	3
I564	SB	A	I564_SB	I564_SB_A	13:30		5	80
I564	SB	MT	I564_SB	I564_SB_MT	13:30		5	1
I564	SB	HT	I564_SB	I564_SB_HT	13:30		5	0
I564 SB Ramp		A	I564 SB Ramp_	I564 SB Ramp__A	13:12		30	505
I564 SB Ramp		MT	I564 SB Ramp_	I564 SB Ramp__MT	13:12		30	7
I564 SB Ramp		HT	I564 SB Ramp_	I564 SB Ramp__HT	13:12		30	38
			—	—				
			—	—				
			—	—				

TNM Input Table

Roadway	Direction	VehicleType	Lookup	Lookup	Total_Duration	Total_Type_Count	Avg_SpecHour_Count	Speed
I564	NB	A	I564_NB	I564_NB_A	10	238	63	1428
I564	NB	MT	I564_NB	I564_NB_MT	10	3	63	18
I564	NB	HT	I564_NB	I564_NB_HT	10	7	63	42
I564	SB	A	I564_SB	I564_SB_A	10	154	63	924
I564	SB	MT	I564_SB	I564_SB_MT	10	1	63	6
I564	SB	HT	I564_SB	I564_SB_HT	10	0	63	0
I564 SB Ramp		A	I564 SB Ramp_	I564 SB Ramp__A	30	505	45	1010
I564 SB Ramp		MT	I564 SB Ramp_	I564 SB Ramp__MT	30	7	45	14
I564 SB Ramp		HT	I564 SB Ramp_	I564 SB Ramp__HT	30	38	45	76

Site Number	M35
Location:	North End of Summerset, Chesapeake
Date:	11/4/2015
Start Time:	15:15
Duration (min):	30

VALIDATION SOUND LEVEL

Time	Leq	Enter Y for Yes	
		Non-Traffic	Exclude
15:15	67.42		
15:16	67.24		
15:17	66.99		
15:18	66.95		
15:19	66.43		
15:20	67.39		
15:21	68.25		
15:22	67.18		
15:23	67.87		
15:24	68.22		
15:25	68.45	y	
15:26	68.82	y	
15:27	68.63	y	
15:28	67.65		
15:29	66.94		
15:30	66.85		
15:31	68.48		
15:32	66.96		
15:33	68.74		
15:34	68.58		
15:35	68.76		
15:36	67.27		
15:37	67.04		
15:38	67.41		
15:39	67.64		
15:40	68.01	y	
15:41	67.49		
15:42	68.25		
15:43	67.55		
15:44	67.41		
Traffic-only Leq:			67.6
Overall Leq:			67.7

TRAFFIC INPUT
Data Entry Table

Site Number M35

Roadway	Direction	VehicleType	Total_Lookup	VehType_Lookup	Start_Time	Duration	Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	15:15		5	227
I-664	NB	MT	I-664_NB	I-664_NB_MT	15:15		5	13
I-664	NB	HT	I-664_NB	I-664_NB_HT	15:15		5	6
I-664	NB	A	I-664_NB	I-664_NB_A	15:32		5	292
I-664	NB	MT	I-664_NB	I-664_NB_MT	15:32		5	12
I-664	NB	HT	I-664_NB	I-664_NB_HT	15:32		5	11
I-664	SB	A	I-664_SB	I-664_SB_A	15:22		5	209
I-664	SB	MT	I-664_SB	I-664_SB_MT	15:22		5	20
I-664	SB	HT	I-664_SB	I-664_SB_HT	15:22		5	9
I-664	SB	A	I-664_SB	I-664_SB_A	15:40		5	277
I-664	SB	MT	I-664_SB	I-664_SB_MT	15:40		5	11
I-664	SB	HT	I-664_SB	I-664_SB_HT	15:40		5	2
Ramp	NB	A	Ramp_NB	Ramp_NB_A	15:15		5	7
Ramp	NB	MT	Ramp_NB	Ramp_NB_MT	15:15		5	1
Ramp	NB	HT	Ramp_NB	Ramp_NB_HT	15:15		5	2
Ramp	NB	A	Ramp_NB	Ramp_NB_A	15:32		5	12
Ramp	NB	MT	Ramp_NB	Ramp_NB_MT	15:32		5	1
Ramp	NB	HT	Ramp_NB	Ramp_NB_HT	15:32		5	0
Ramp	SB	A	Ramp_SB	Ramp_SB_A	15:22		5	31
Ramp	SB	MT	Ramp_SB	Ramp_SB_MT	15:22		5	5
Ramp	SB	HT	Ramp_SB	Ramp_SB_HT	15:22		5	0
Ramp	SB	A	Ramp_SB	Ramp_SB_A	15:40		5	48
Ramp	SB	MT	Ramp_SB	Ramp_SB_MT	15:40		5	2
Ramp	SB	HT	Ramp_SB	Ramp_SB_HT	15:40		5	2

TNM Input Table

Roadway	Direction	VehicleType	Lookup	Lookup	Total_Duration	Total_Type_Count	Avg_Speed	Hour_Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	10	519	65	3114	65
I-664	NB	MT	I-664_NB	I-664_NB_MT	10	25	65	150	65
I-664	NB	HT	I-664_NB	I-664_NB_HT	10	17	65	102	65
I-664	SB	A	I-664_SB	I-664_SB_A	10	486	64.5	2916	65
I-664	SB	MT	I-664_SB	I-664_SB_MT	10	31	64.5	186	65
I-664	SB	HT	I-664_SB	I-664_SB_HT	10	11	64.5	66	65
Ramp	NB	A	Ramp_NB	Ramp_NB_A	10	19	45	114	45
Ramp	NB	MT	Ramp_NB	Ramp_NB_MT	10	2	45	12	45
Ramp	NB	HT	Ramp_NB	Ramp_NB_HT	10	2	45	12	45
Ramp	SB	A	Ramp_SB	Ramp_SB_A	10	79	45	474	45
Ramp	SB	MT	Ramp_SB	Ramp_SB_MT	10	7	45	42	45
Ramp	SB	HT	Ramp_SB	Ramp_SB_HT	10	2	45	12	45

Site Number	M36
Location:	Side Yard of 1432 Branchview Way, Chesapeake
Date:	11/4/2015
Start Time:	16:20
Duration (min):	30

VALIDATION SOUND LEVEL

Time	Leq	Enter Y for Yes	
		Non-Traffic	Exclude
16:20	65.85		
16:21	65.49		
16:22	66.2		
16:23	65.37		
16:24	65.76		
16:25	64.56		
16:26	64.43		
16:27	66.81		
16:28	64.27	y	
16:29	65.56	y	
16:30	64.52		
16:31	65.17		
16:32	65.06	y	
16:33	64.92	y	
16:34	65.03		
16:35	66.97	y	
16:36	66.1		
16:37	65.2	y	
16:38	64.56		
16:39	64.27		
16:40	65.36		
16:41	66.29		
16:42	65.11		
16:43	65.13	y	
16:44	64.74		
16:45	65.01	y	
16:46	69.6		
16:47	65.81		
16:48	64.63		
16:49	64.15		
Traffic-only Leq:			65.6
Overall Leq:			65.6

TRAFFIC INPUT
Data Entry Table

Site Number M36

Roadway	Direction	VehicleType	Total_Lookup	VehType_Lookup	Start_Time	Duration	Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	16:24		5	319
I-664	NB	MT	I-664_NB	I-664_NB_MT	16:24		5	6
I-664	NB	HT	I-664_NB	I-664_NB_HT	16:24		5	4
I-664	NB	A	I-664_NB	I-664_NB_A	16:41		5	300
I-664	NB	MT	I-664_NB	I-664_NB_MT	16:41		5	7
I-664	NB	HT	I-664_NB	I-664_NB_HT	16:41		5	13
I-664	SB	A	I-664_SB	I-664_SB_A	16:33		5	282
I-664	SB	MT	I-664_SB	I-664_SB_MT	16:33		5	12
I-664	SB	HT	I-664_SB	I-664_SB_HT	16:33		5	8
I-664	SB	A	I-664_SB	I-664_SB_A	16:50		5	275
I-664	SB	MT	I-664_SB	I-664_SB_MT	16:50		5	6
I-664	SB	HT	I-664_SB	I-664_SB_HT	16:50		5	8
Ramp	NB	A	Ramp_NB	Ramp_NB_A	16:24		5	13
Ramp	NB	MT	Ramp_NB	Ramp_NB_MT	16:24		5	1
Ramp	NB	HT	Ramp_NB	Ramp_NB_HT	16:24		5	0
Ramp	NB	A	Ramp_NB	Ramp_NB_A	16:41		5	4
Ramp	NB	MT	Ramp_NB	Ramp_NB_MT	16:41		5	0
Ramp	NB	HT	Ramp_NB	Ramp_NB_HT	16:41		5	1
Ramp	SB	A	Ramp_SB	Ramp_SB_A	16:33		5	37
Ramp	SB	MT	Ramp_SB	Ramp_SB_MT	16:33		5	2
Ramp	SB	HT	Ramp_SB	Ramp_SB_HT	16:33		5	2
Ramp	SB	A	Ramp_SB	Ramp_SB_A	16:50		5	44
Ramp	SB	MT	Ramp_SB	Ramp_SB_MT	16:50		5	1
Ramp	SB	HT	Ramp_SB	Ramp_SB_HT	16:50		5	1

TNM Input Table

Roadway	Direction	VehicleType	Lookup	Lookup	Total_Duration	Total_Type_Count	Avg_Speed	Hour_Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	10	619	32.5	3714	33
I-664	NB	MT	I-664_NB	I-664_NB_MT	10	13	32.5	78	33
I-664	NB	HT	I-664_NB	I-664_NB_HT	10	17	32.5	102	33
I-664	SB	A	I-664_SB	I-664_SB_A	10	557	63	3342	63
I-664	SB	MT	I-664_SB	I-664_SB_MT	10	18	63	108	63
I-664	SB	HT	I-664_SB	I-664_SB_HT	10	16	63	96	63
Ramp	NB	A	Ramp_NB	Ramp_NB_A	10	17	45	102	45
Ramp	NB	MT	Ramp_NB	Ramp_NB_MT	10	1	45	6	45
Ramp	NB	HT	Ramp_NB	Ramp_NB_HT	10	1	45	6	45
Ramp	SB	A	Ramp_SB	Ramp_SB_A	10	81	45	486	45
Ramp	SB	MT	Ramp_SB	Ramp_SB_MT	10	3	45	18	45
Ramp	SB	HT	Ramp_SB	Ramp_SB_HT	10	3	45	18	45

Site Number	M37
Location:	4355 Topsail Landing, Chesapeake
Date:	11/12/2015
Start Time:	14:13
Duration (min):	30

VALIDATION SOUND LEVEL

Time	Leq	Enter Y for Yes	
		Non-Traffic	Exclude
14:13	69.1		
14:14	69.2		
14:15	69.6		
14:16	68.2		
14:17	67.8		
14:18	67.7		
14:19	67.0		
14:20	70.5		
14:21	70.3		
14:22	70.1		
14:23	69.6		
14:24	69.0		
14:25	68.7		
14:26	68.8		
14:27	68.7		
14:28	69.0		
14:29	69.1		
14:30	68.2		
14:31	68.8		
14:32	69.9		
14:33	69.7		
14:34	70.1		
14:35	69.3		
14:36	71.2	Y	
14:37	70.6		
14:38	70.3		
14:39	68.8		
14:40	68.8		
14:41	69.3		
14:42	69.2		
Traffic-only Leq:		69.2	
Overall Leq:		69.3	

TRAFFIC INPUT
Data Entry Table

Site Number M37

Roadway	Direction	VehicleType	Total_Lookup	VehType_Lookup	Start_Time	Duration	Count	Speed	
I-664	NB	A	I-664_NB	I-664_NB_A	14:13		5	144	60
I-664	NB	MT	I-664_NB	I-664_NB_MT	14:13		5	6	60
I-664	NB	HT	I-664_NB	I-664_NB_HT	14:13		5	11	60
I-664	SB	A	I-664_SB	I-664_SB_A	14:19		5	180	60
I-664	SB	MT	I-664_SB	I-664_SB_MT	14:19		5	11	60
I-664	SB	HT	I-664_SB	I-664_SB_HT	14:19		5	16	60
I-664	NB	A	I-664_NB	I-664_NB_A	14:25		5	202	60
I-664	NB	MT	I-664_NB	I-664_NB_MT	14:25		5	6	60
I-664	NB	HT	I-664_NB	I-664_NB_HT	14:25		5	9	60
I-664	SB	A	I-664_SB	I-664_SB_A	15:31		5	214	60
I-664	SB	MT	I-664_SB	I-664_SB_MT	15:31		5	10	60
I-664	SB	HT	I-664_SB	I-664_SB_HT	15:31		5	20	60
Ramp	NB	A	Ramp_NB	Ramp_NB_A	14:13		5	13	45
Ramp	NB	MT	Ramp_NB	Ramp_NB_MT	14:13		5	0	45
Ramp	NB	HT	Ramp_NB	Ramp_NB_HT	14:13		5	0	45
Ramp	SB	A	Ramp_SB	Ramp_SB_A	14:19		5	4	45
Ramp	SB	MT	Ramp_SB	Ramp_SB_MT	14:19		5	0	45
Ramp	SB	HT	Ramp_SB	Ramp_SB_HT	14:19		5	0	45
Ramp	NB	A	Ramp_NB	Ramp_NB_A	14:25		5	14	45
Ramp	NB	MT	Ramp_NB	Ramp_NB_MT	14:25		5	3	45
Ramp	NB	HT	Ramp_NB	Ramp_NB_HT	14:25		5	1	45
Ramp	SB	A	Ramp_SB	Ramp_SB_A	15:31		5	7	45
Ramp	SB	MT	Ramp_SB	Ramp_SB_MT	15:31		5	4	45
Ramp	SB	HT	Ramp_SB	Ramp_SB_HT	15:31		5	1	45

TNM Input Table

Roadway	Direction	VehicleType	Lookup	Lookup	Total_Duration	Total_Type_Count	Avg_Speed	Hour_Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	10	346	60	2076	60
I-664	NB	MT	I-664_NB	I-664_NB_MT	10	12	60	72	60
I-664	NB	HT	I-664_NB	I-664_NB_HT	10	20	60	120	60
I-664	SB	A	I-664_SB	I-664_SB_A	10	394	60	2364	60
I-664	SB	MT	I-664_SB	I-664_SB_MT	10	21	60	126	60
I-664	SB	HT	I-664_SB	I-664_SB_HT	10	36	60	216	60
Ramp	NB	A	Ramp_NB	Ramp_NB_A	10	27	45	162	45
Ramp	NB	MT	Ramp_NB	Ramp_NB_MT	10	3	45	18	45
Ramp	NB	HT	Ramp_NB	Ramp_NB_HT	10	1	45	6	45
Ramp	SB	A	Ramp_SB	Ramp_SB_A	10	11	45	66	45
Ramp	SB	MT	Ramp_SB	Ramp_SB_MT	10	4	45	24	45
Ramp	SB	HT	Ramp_SB	Ramp_SB_HT	10	1	45	6	45

Site Number	M38
Location:	1509 James Landing, Chesapeake
Date:	11/12/2015
Start Time:	15:09
Duration (min):	30

VALIDATION SOUND LEVEL

Time	Leq	Enter Y for Yes	
		Non-Traffic	Exclude
15:09	62.4		
15:10	61.0		
15:11	61.3		
15:12	61.0		
15:13	62.5		
15:14	62.4		
15:15	61.5		
15:16	61.4		
15:17	61.9		
15:18	62.2		
15:19	62.1		
15:20	62.4		
15:21	62.2		
15:22	61.6		
15:23	61.4		
15:24	61.4		
15:25	62.4		
15:26	63.0		
15:27	63.4	Y	
15:28	63.0		
15:29	62.7		
15:30	60.9		
15:31	61.4		
15:32	62.5		
15:33	62.1		
15:34	61.7		
15:35	61.9		
15:36	61.9		
15:37	61.7		
15:38	62.0		
Traffic-only Leq:			62.0
Overall Leq:			62.0

TRAFFIC INPUT
Data Entry Table

Site Number M38

Roadway	Direction	VehicleType	Total_Lookup	VehType_Lookup	Start_Time	Duration	Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	15:09		5	225
I-664	NB	MT	I-664_NB	I-664_NB_MT	15:09		5	5
I-664	NB	HT	I-664_NB	I-664_NB_HT	15:09		5	18
I-664	SB	A	I-664_SB	I-664_SB_A	15:15		5	288
I-664	SB	MT	I-664_SB	I-664_SB_MT	15:15		5	9
I-664	SB	HT	I-664_SB	I-664_SB_HT	15:15		5	17
I-664	NB	A	I-664_NB	I-664_NB_A	15:21		5	260
I-664	NB	MT	I-664_NB	I-664_NB_MT	15:21		5	9
I-664	NB	HT	I-664_NB	I-664_NB_HT	15:21		5	14
I-664	SB	A	I-664_SB	I-664_SB_A	15:27		5	261
I-664	SB	MT	I-664_SB	I-664_SB_MT	15:27		5	10
I-664	SB	HT	I-664_SB	I-664_SB_HT	15:27		5	14
Ramp	NB	A	Ramp_NB	Ramp_NB_A	15:09		5	24
Ramp	NB	MT	Ramp_NB	Ramp_NB_MT	15:09		5	0
Ramp	NB	HT	Ramp_NB	Ramp_NB_HT	15:09		5	0
Ramp	SB	A	Ramp_SB	Ramp_SB_A	15:15		5	9
Ramp	SB	MT	Ramp_SB	Ramp_SB_MT	15:15		5	1
Ramp	SB	HT	Ramp_SB	Ramp_SB_HT	15:15		5	1
Ramp	NB	A	Ramp_NB	Ramp_NB_A	15:21		5	17
Ramp	NB	MT	Ramp_NB	Ramp_NB_MT	15:21		5	0
Ramp	NB	HT	Ramp_NB	Ramp_NB_HT	15:21		5	0
Ramp	SB	A	Ramp_SB	Ramp_SB_A	15:27		5	7
Ramp	SB	MT	Ramp_SB	Ramp_SB_MT	15:27		5	0
Ramp	SB	HT	Ramp_SB	Ramp_SB_HT	15:27		5	1

TNM Input Table

Roadway	Direction	VehicleType	Lookup	Lookup	Total_Duration	Total_Type_Count	Avg_Speed	Hour_Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	10	485	60	2910	60
I-664	NB	MT	I-664_NB	I-664_NB_MT	10	14	60	84	60
I-664	NB	HT	I-664_NB	I-664_NB_HT	10	32	60	192	60
I-664	SB	A	I-664_SB	I-664_SB_A	10	549	60	3294	60
I-664	SB	MT	I-664_SB	I-664_SB_MT	10	19	60	114	60
I-664	SB	HT	I-664_SB	I-664_SB_HT	10	31	60	186	60
Ramp	NB	A	Ramp_NB	Ramp_NB_A	10	41	45	246	45
Ramp	NB	MT	Ramp_NB	Ramp_NB_MT	10	0	45	0	0
Ramp	NB	HT	Ramp_NB	Ramp_NB_HT	10	0	45	0	0
Ramp	SB	A	Ramp_SB	Ramp_SB_A	10	16	45	96	45
Ramp	SB	MT	Ramp_SB	Ramp_SB_MT	10	1	45	6	45
Ramp	SB	HT	Ramp_SB	Ramp_SB_HT	10	2	45	12	45

Site Number	M39
Location:	4401 Old Woodland Dr, Chesapeake
Date:	11/13/2015
Start Time:	8:24
Duration (min):	30

VALIDATION SOUND LEVEL

Time	Leq	Enter Y for Yes	
		Non-Traffic	Exclude
8:24	66.7		
8:25	67.6		
8:26	65.5		
8:27	67.3		
8:28	66.8		
8:29	66.1		
8:30	65.2		
8:31	66.7		
8:32	67.4		
8:33	67.2		
8:34	67.1		
8:35	68.1		
8:36	67.2		
8:37	65.5		
8:38	67.0		
8:39	66.8		
8:40	66.7		
8:41	67.0		
8:42	66.2		
8:43	64.4		
8:44	65.5		
8:45	64.8		
8:46	71.5	Y	
8:47	66.1		
8:48	65.2		
8:49	64.5		
8:50	63.7		
8:51	65.0		
8:52	64.4		
8:53	64.9		
Traffic-only Leq:		66.2	
Overall Leq:		66.6	

TRAFFIC INPUT
Data Entry Table

Roadway	Direction	VehicleType	Total_Lookup	VehType_Lookup	Start_Time	Duration	Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	8:24		5	249
I-664	NB	MT	I-664_NB	I-664_NB_MT	8:24		5	12
I-664	NB	HT	I-664_NB	I-664_NB_HT	8:24		5	23
I-664	SB	A	I-664_SB	I-664_SB_A	8:30		5	217
I-664	SB	MT	I-664_SB	I-664_SB_MT	8:30		5	7
I-664	SB	HT	I-664_SB	I-664_SB_HT	8:30		5	20
I-664	NB	A	I-664_NB	I-664_NB_A	8:36		5	204
I-664	NB	MT	I-664_NB	I-664_NB_MT	8:36		5	15
I-664	NB	HT	I-664_NB	I-664_NB_HT	8:36		5	19
I-664	SB	A	I-664_SB	I-664_SB_A	8:42		5	175
I-664	SB	MT	I-664_SB	I-664_SB_MT	8:42		5	8
I-664	SB	HT	I-664_SB	I-664_SB_HT	8:42		5	13
		A	—	__A				
		MT	—	__MT				
		HT	—	__HT				
			—	—				
			—	—				
			—	—				

TNM Input Table

Roadway	Direction	VehicleType	Lookup	Lookup	Total_Duration	Total_Type_Count	Avg_Spec	Hour_Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	10	453	60	2718	60
I-664	NB	MT	I-664_NB	I-664_NB_MT	10	27	60	162	60
I-664	NB	HT	I-664_NB	I-664_NB_HT	10	42	60	252	60
I-664	SB	A	I-664_SB	I-664_SB_A	10	392	60	2352	60
I-664	SB	MT	I-664_SB	I-664_SB_MT	10	15	60	90	60
I-664	SB	HT	I-664_SB	I-664_SB_HT	10	33	60	198	60
			—	—	0	0	0	#DIV/0!	#DIV/0!
			—	—	0	0	0	#DIV/0!	#DIV/0!
			—	—	0	0	0	#DIV/0!	#DIV/0!

Site Number	M40
Location:	4441 Woodland Dr, Chesapeake
Date:	11/12/2015
Start Time:	16:02
Duration (min):	30

VALIDATION SOUND LEVEL

Time	Leq	Enter Y for Yes	
		Non-Traffic	Exclude
16:02	62.7		
16:03	64.0		
16:04	64.8		
16:05	63.8		
16:06	64.4		
16:07	64.7		
16:08	66.8	Y	
16:09	64.0		
16:10	64.1		
16:11	62.9		
16:12	63.0		
16:13	62.8		
16:14	63.4		
16:15	63.5		
16:16	63.5		
16:17	63.4		
16:18	63.2		
16:19	63.5		
16:20	63.2		
16:21	63.9		
16:22	63.2		
16:23	62.2		
16:24	64.3		
16:25	64.7		
16:26	63.9		
16:27	64.6		
16:28	63.6		
16:29	62.8		
16:30	63.3		
16:31	63.7		
Traffic-only Leq:			63.7
Overall Leq:			63.8

TRAFFIC INPUT
Data Entry Table

Roadway	Direction	VehicleType	Total_Lookup	VehType_Lookup	Start_Time	Duration	Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	16:02		5	333
I-664	NB	MT	I-664_NB	I-664_NB_MT	16:02		5	12
I-664	NB	HT	I-664_NB	I-664_NB_HT	16:02		5	16
I-664	SB	A	I-664_SB	I-664_SB_A	16:12		5	325
I-664	SB	MT	I-664_SB	I-664_SB_MT	16:12		5	13
I-664	SB	HT	I-664_SB	I-664_SB_HT	16:12		5	11
I-664	NB	A	I-664_NB	I-664_NB_A	16:18		5	297
I-664	NB	MT	I-664_NB	I-664_NB_MT	16:18		5	9
I-664	NB	HT	I-664_NB	I-664_NB_HT	16:18		5	5
I-664	SB	A	I-664_SB	I-664_SB_A	16:24		5	296
I-664	SB	MT	I-664_SB	I-664_SB_MT	16:24		5	5
I-664	SB	HT	I-664_SB	I-664_SB_HT	16:24		5	17
			—	—				
			—	—				
			—	—				
			—	—				
			—	—				
			—	—				

TNM Input Table

Roadway	Direction	VehicleType	Lookup	Lookup	Total_Duration	Total_Type_Count	Avg_Speed	Hour_Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	10	630	60	3780	60
I-664	NB	MT	I-664_NB	I-664_NB_MT	10	21	60	126	60
I-664	NB	HT	I-664_NB	I-664_NB_HT	10	21	60	126	60
I-664	SB	A	I-664_SB	I-664_SB_A	10	621	60	3726	60
I-664	SB	MT	I-664_SB	I-664_SB_MT	10	18	60	108	60
I-664	SB	HT	I-664_SB	I-664_SB_HT	10	28	60	168	60
			—	—	0	0	0	#DIV/0!	#DIV/0!
			—	—	0	0	0	#DIV/0!	#DIV/0!
			—	—	0	0	0	#DIV/0!	#DIV/0!

Site Number	M41
Location:	4512 Winnie Dr, Chesapeake
Date:	11/13/2015
Start Time:	9:24
Duration (min):	30

VALIDATION SOUND LEVEL

Time	Leq	Enter Y for Yes	
		Non-Traffic	Exclude
9:24	62.7		
9:25	64.7		
9:26	63.8		
9:27	63.1		
9:28	62.0		
9:29	62.7		
9:30	63.2		
9:31	64.2		
9:32	64.4		
9:33	63.9		
9:34	61.8		
9:35	64.2		
9:36	63.4		
9:37	63.6		
9:38	62.3		
9:39	62.5		
9:40	62.0		
9:41	62.5		
9:42	62.6		
9:43	63.0		
9:44	61.8		
9:45	61.4		
9:46	61.9		
9:47	61.9		
9:48	62.8		
9:49	63.5		
9:50	62.5		
9:51	62.1		
9:52	63.8		
9:53	63.3		
Traffic-only Leq:		63.0	
Overall Leq:		63.0	

TRAFFIC INPUT
Data Entry Table

Roadway	Direction	VehicleType	Total_Lookup	VehType_Lookup	Start_Time	Duration	Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	9:28		5	155
I-664	NB	MT	I-664_NB	I-664_NB_MT	9:28		5	11
I-664	NB	HT	I-664_NB	I-664_NB_HT	9:28		5	25
I-664	SB	A	I-664_SB	I-664_SB_A	9:34		5	211
I-664	SB	MT	I-664_SB	I-664_SB_MT	9:34		5	16
I-664	SB	HT	I-664_SB	I-664_SB_HT	9:34		5	24
I-664	NB	A	I-664_NB	I-664_NB_A	9:40		5	166
I-664	NB	MT	I-664_NB	I-664_NB_MT	9:40		5	9
I-664	NB	HT	I-664_NB	I-664_NB_HT	9:40		5	12
I-664	SB	A	I-664_SB	I-664_SB_A	9:46		5	165
I-664	SB	MT	I-664_SB	I-664_SB_MT	9:46		5	7
I-664	SB	HT	I-664_SB	I-664_SB_HT	9:46		5	16
		A	—	__A				
		MT	—	__MT				
		HT	—	__HT				
			—	—				
			—	—				
			—	—				

TNM Input Table

Roadway	Direction	VehicleType	Lookup	Lookup	Total_Duration	Total_Type_Count	Avg_Spec	Hour_Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	10	321	60	1926	60
I-664	NB	MT	I-664_NB	I-664_NB_MT	10	20	60	120	60
I-664	NB	HT	I-664_NB	I-664_NB_HT	10	37	60	222	60
I-664	SB	A	I-664_SB	I-664_SB_A	10	376	60	2256	60
I-664	SB	MT	I-664_SB	I-664_SB_MT	10	23	60	138	60
I-664	SB	HT	I-664_SB	I-664_SB_HT	10	40	60	240	60
			—	—	0	0	0	#DIV/0!	#DIV/0!
			—	—	0	0	0	#DIV/0!	#DIV/0!
			—	—	0	0	0	#DIV/0!	#DIV/0!

Site Number	M42
Location:	2914 Old Stone Way, Chesapeake
Date:	11/13/2015
Start Time:	10:10
Duration (min):	30

VALIDATION SOUND LEVEL

Time	Leq	Enter Y for Yes	
		Non-Traffic	Exclude
10:10	63.5		
10:11	62.8		
10:12	64.2		
10:13	66.3		
10:14	74.5	Y	
10:15	68.0	Y	
10:16	63.9		
10:17	63.7		
10:18	66.3		
10:19	63.4		
10:20	66.4		
10:21	63.1		
10:22	63.9		
10:23	61.8		
10:24	65.3		
10:25	63.2		
10:26	64.3		
10:27	65.1		
10:28	64.0		
10:29	65.8		
10:30	64.1		
10:31	64.2		
10:32	65.7		
10:33	64.3		
10:34	64.4		
10:35	63.8		
10:36	65.6		
10:37	62.1		
10:38	64.0		
10:39	61.7		
Traffic-only Leq:		64.4	
Overall Leq:		65.7	

TRAFFIC INPUT
Data Entry Table

Roadway	Direction	VehicleType	Total_Lookup	VehType_Lookup	Start_Time	Duration	Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	10:10		5	159
I-664	NB	MT	I-664_NB	I-664_NB_MT	10:10		5	10
I-664	NB	HT	I-664_NB	I-664_NB_HT	10:10		5	23
I-664	SB	A	I-664_SB	I-664_SB_A	10:16		5	150
I-664	SB	MT	I-664_SB	I-664_SB_MT	10:16		5	10
I-664	SB	HT	I-664_SB	I-664_SB_HT	10:16		5	19
I-664	NB	A	I-664_NB	I-664_NB_A	10:22		5	177
I-664	NB	MT	I-664_NB	I-664_NB_MT	10:22		5	7
I-664	NB	HT	I-664_NB	I-664_NB_HT	10:22		5	18
I-664	SB	A	I-664_SB	I-664_SB_A	10:28		5	164
I-664	SB	MT	I-664_SB	I-664_SB_MT	10:28		5	6
I-664	SB	HT	I-664_SB	I-664_SB_HT	10:28		5	21
		A	—	__A				
		MT	—	__MT				
		HT	—	__HT				
			—	—				
			—	—				
			—	—				

TNM Input Table

Roadway	Direction	VehicleType	Lookup	Lookup	Total_Duration	Total_Type_Count	Avg_Spec	Hour_Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	10	336	60	2016	60
I-664	NB	MT	I-664_NB	I-664_NB_MT	10	17	60	102	60
I-664	NB	HT	I-664_NB	I-664_NB_HT	10	41	60	246	60
I-664	SB	A	I-664_SB	I-664_SB_A	10	314	60	1884	60
I-664	SB	MT	I-664_SB	I-664_SB_MT	10	16	60	96	60
I-664	SB	HT	I-664_SB	I-664_SB_HT	10	40	60	240	60
			—	—	0	0	0	#DIV/0!	#DIV/0!
			—	—	0	0	0	#DIV/0!	#DIV/0!
			—	—	0	0	0	#DIV/0!	#DIV/0!

Site Number	M43
Location:	4956 Old Pughsville Rd, Chesapeake
Date:	11/13/2015
Start Time:	11:00
Duration (min):	30

VALIDATION SOUND LEVEL

Time	Leq	Enter Y for Yes	
		Non-Traffic	Exclude
11:00	58.9		
11:01	59.9		
11:02	57.4		
11:03	57.2		
11:04	58.7		
11:05	63.7		
11:06	59.1		
11:07	59.4		
11:08	60.0		
11:09	59.6		
11:10	58.5		
11:11	58.5		
11:12	57.4		
11:13	57.3		
11:14	60.1		
11:15	58.0		
11:16	59.3		
11:17	60.7	Y	
11:18	60.0		
11:19	59.4		
11:20	58.0		
11:21	64.8		
11:22	58.5		
11:23	58.2		
11:24	60.6		
11:25	59.8		
11:26	60.7		
11:27	59.5		
11:28	60.4		
11:29	58.7		
Traffic-only Leq:			59.7
Overall Leq:			59.8

TRAFFIC INPUT
Data Entry Table

Roadway	Direction	VehicleType	Total_Lookup	VehType_Lookup	Start_Time	Duration	Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	11:00		5	188
I-664	NB	MT	I-664_NB	I-664_NB_MT	11:00		5	12
I-664	NB	HT	I-664_NB	I-664_NB_HT	11:00		5	17
I-664	SB	A	I-664_SB	I-664_SB_A	11:06		5	207
I-664	SB	MT	I-664_SB	I-664_SB_MT	11:06		5	8
I-664	SB	HT	I-664_SB	I-664_SB_HT	11:06		5	16
I-664	NB	A	I-664_NB	I-664_NB_A	11:12		5	178
I-664	NB	MT	I-664_NB	I-664_NB_MT	11:12		5	6
I-664	NB	HT	I-664_NB	I-664_NB_HT	11:12		5	9
I-664	SB	A	I-664_SB	I-664_SB_A	11:18		5	188
I-664	SB	MT	I-664_SB	I-664_SB_MT	11:18		5	10
I-664	SB	HT	I-664_SB	I-664_SB_HT	11:18		5	14
		A	—	__A				
		MT	—	__MT				
		HT	—	__HT				
			—	—				
			—	—				
			—	—				

TNM Input Table

Roadway	Direction	VehicleType	Lookup	Lookup	Total_Duration	Total_Type_Count	Avg_Spec	Hour_Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	10	366	60	2196	60
I-664	NB	MT	I-664_NB	I-664_NB_MT	10	18	60	108	60
I-664	NB	HT	I-664_NB	I-664_NB_HT	10	26	60	156	60
I-664	SB	A	I-664_SB	I-664_SB_A	10	395	60	2370	60
I-664	SB	MT	I-664_SB	I-664_SB_MT	10	18	60	108	60
I-664	SB	HT	I-664_SB	I-664_SB_HT	10	30	60	180	60
			—	—	0	0	0	#DIV/0!	#DIV/0!
			—	—	0	0	0	#DIV/0!	#DIV/0!
			—	—	0	0	0	#DIV/0!	#DIV/0!

Site Number	M44
Location:	4903 Clifton St, Chesapeake
Date:	11/18/2015
Start Time:	15:02
Duration (min):	30

VALIDATION SOUND LEVEL

Time	Leq	Enter Y for Yes	
		Non-Traffic	Exclude
15:02	69.7		
15:03	69.1		
15:04	68.2		
15:05	69.1		
15:06	68.5		
15:07	70.3		
15:08	68.3		
15:09	70.4		
15:10	67.9		
15:11	70.0		
15:12	68.1		
15:13	69.3		
15:14	69.3		
15:15	70.9		
15:16	68.3		
15:17	69.6		
15:18	70.8	Y	
15:19	68.7		
15:20	69.5		
15:21	69.7		
15:22	70.5		
15:23	70.0		
15:24	69.0		
15:25	68.5		
15:26	70.6		
15:27	69.3		
15:28	68.5		
15:29	68.8		
15:30	68.8		
15:31	68.3		
Traffic-only Leq:			69.3
Overall Leq:			69.3

TRAFFIC INPUT
Data Entry Table

Roadway	Direction	VehicleType	Total_Lookup	VehType_Lookup	Start_Time	Duration	Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	15:03		5	173
I-664	NB	MT	I-664_NB	I-664_NB_MT	15:03		5	8
I-664	NB	HT	I-664_NB	I-664_NB_HT	15:03		5	9
I-664	SB	A	I-664_SB	I-664_SB_A	15:09		5	283
I-664	SB	MT	I-664_SB	I-664_SB_MT	15:09		5	10
I-664	SB	HT	I-664_SB	I-664_SB_HT	15:09		5	13
I-664	NB	A	I-664_NB	I-664_NB_A	15:15		5	201
I-664	NB	MT	I-664_NB	I-664_NB_MT	15:15		5	5
I-664	NB	HT	I-664_NB	I-664_NB_HT	15:15		5	13
I-664	SB	A	I-664_SB	I-664_SB_A	15:21		5	296
I-664	SB	MT	I-664_SB	I-664_SB_MT	15:21		5	5
I-664	SB	HT	I-664_SB	I-664_SB_HT	15:21		5	14
Ramp	NB	A	Ramp_NB	Ramp_NB_A	15:03		5	13
Ramp	NB	MT	Ramp_NB	Ramp_NB_MT	15:03		5	0
Ramp	NB	HT	Ramp_NB	Ramp_NB_HT	15:03		5	0
Ramp	SB	A	Ramp_SB	Ramp_SB_A	15:09		5	31
Ramp	SB	MT	Ramp_SB	Ramp_SB_MT	15:09		5	0
Ramp	SB	HT	Ramp_SB	Ramp_SB_HT	15:09		5	1
Ramp	NB	A	Ramp_NB	Ramp_NB_A	15:15		5	14
Ramp	NB	MT	Ramp_NB	Ramp_NB_MT	15:15		5	0
Ramp	NB	HT	Ramp_NB	Ramp_NB_HT	15:15		5	0
Ramp	SB	A	Ramp_SB	Ramp_SB_A	15:21		5	34
Ramp	SB	MT	Ramp_SB	Ramp_SB_MT	15:21		5	0
Ramp	SB	HT	Ramp_SB	Ramp_SB_HT	15:21		5	0

TNM Input Table

Roadway	Direction	VehicleType	Lookup	Lookup	Total_Duration	Total_Type_Count	Avg_Speed	Hour_Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	10	374	60	2244	60
I-664	NB	MT	I-664_NB	I-664_NB_MT	10	13	60	78	60
I-664	NB	HT	I-664_NB	I-664_NB_HT	10	22	60	132	60
I-664	SB	A	I-664_SB	I-664_SB_A	10	579	60	3474	60
I-664	SB	MT	I-664_SB	I-664_SB_MT	10	15	60	90	60
I-664	SB	HT	I-664_SB	I-664_SB_HT	10	27	60	162	60
Ramp	NB	A	Ramp_NB	Ramp_NB_A	10	27	45	162	45
Ramp	NB	MT	Ramp_NB	Ramp_NB_MT	10	0	45	0	0
Ramp	NB	HT	Ramp_NB	Ramp_NB_HT	10	0	45	0	0
Ramp	SB	A	Ramp_SB	Ramp_SB_A	10	65	45	390	45
Ramp	SB	MT	Ramp_SB	Ramp_SB_MT	10	0	45	0	0
Ramp	SB	HT	Ramp_SB	Ramp_SB_HT	10	1	45	6	45
					0	0	0	#DIV/0!	#DIV/0!

Site Number	M45
Location:	3670 Mardean Dr, Chesapeake
Date:	11/18/2015
Start Time:	14:08
Duration (min):	30

VALIDATION SOUND LEVEL

Time	Leq	Enter Y for Yes	
		Non-Traffic	Exclude
14:08	66.4		
14:09	62.2		
14:10	62.9		
14:11	64.0		
14:12	63.4		
14:13	65.3		
14:14	66.4		
14:15	64.7		
14:16	63.5		
14:17	62.9		
14:18	62.7		
14:19	64.1		
14:20	63.5		
14:21	60.6		
14:22	65.5		
14:23	63.7		
14:24	67.0		
14:25	62.0		
14:26	62.7		
14:27	69.1		
14:28	67.5		
14:29	66.9	Y	
14:30	62.6		
14:31	66.1		
14:32	64.1		
14:33	66.1		
14:34	63.7		
14:35	63.7		
14:36	62.6		
14:37	63.4		
Traffic-only Leq:			64.7
Overall Leq:			64.7

TRAFFIC INPUT
Data Entry Table

Site Number M45

Roadway	Direction	VehicleType	Total_Lookup	VehType_Lookup	Start_Time	Duration	Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	14:08		5	152
I-664	NB	MT	I-664_NB	I-664_NB_MT			5	6
I-664	NB	HT	I-664_NB	I-664_NB_HT			5	17
I-664	SB	A	I-664_SB	I-664_SB_A	14:14		5	190
I-664	SB	MT	I-664_SB	I-664_SB_MT			5	3
I-664	SB	HT	I-664_SB	I-664_SB_HT			5	13
I-664	NB	A	I-664_NB	I-664_NB_A	14:20		5	166
I-664	NB	MT	I-664_NB	I-664_NB_MT			5	5
I-664	NB	HT	I-664_NB	I-664_NB_HT			5	5
I-664	SB	A	I-664_SB	I-664_SB_A	14:26		5	198
I-664	SB	MT	I-664_SB	I-664_SB_MT			5	5
I-664	SB	HT	I-664_SB	I-664_SB_HT			5	21
Ramp	NB	A	Ramp_NB	Ramp_NB_A	14:08		5	8
Ramp	NB	MT	Ramp_NB	Ramp_NB_MT			5	0
Ramp	NB	HT	Ramp_NB	Ramp_NB_HT			5	0
Ramp	SB	A	Ramp_SB	Ramp_SB_A	14:14		5	17
Ramp	SB	MT	Ramp_SB	Ramp_SB_MT			5	2
Ramp	SB	HT	Ramp_SB	Ramp_SB_HT			5	2
Ramp	NB	A	Ramp_NB	Ramp_NB_A	14:20		5	8
Ramp	NB	MT	Ramp_NB	Ramp_NB_MT			5	0
Ramp	NB	HT	Ramp_NB	Ramp_NB_HT			5	0
Ramp	SB	A	Ramp_SB	Ramp_SB_A	14:26		5	23
Ramp	SB	MT	Ramp_SB	Ramp_SB_MT			5	2
Ramp	SB	HT	Ramp_SB	Ramp_SB_HT			5	0

TNM Input Table

Roadway	Direction	VehicleType	Lookup	Lookup	Total_Duration	Total_Type_Count	Avg_Speed	Hour_Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	10	318	60	1908	60
I-664	NB	MT	I-664_NB	I-664_NB_MT	10	11	60	66	60
I-664	NB	HT	I-664_NB	I-664_NB_HT	10	22	60	132	60
I-664	SB	A	I-664_SB	I-664_SB_A	10	388	60	2328	60
I-664	SB	MT	I-664_SB	I-664_SB_MT	10	8	60	48	60
I-664	SB	HT	I-664_SB	I-664_SB_HT	10	34	60	204	60
Ramp	NB	A	Ramp_NB	Ramp_NB_A	10	16	45	96	45
Ramp	NB	MT	Ramp_NB	Ramp_NB_MT	10	0	45	0	0
Ramp	NB	HT	Ramp_NB	Ramp_NB_HT	10	0	45	0	0
Ramp	SB	A	Ramp_SB	Ramp_SB_A	10	40	45	240	45
Ramp	SB	MT	Ramp_SB	Ramp_SB_MT	10	4	45	24	45
Ramp	SB	HT	Ramp_SB	Ramp_SB_HT	10	2	45	12	45

Site Number	M46
Location:	4733 Camelia Dr, Suffolk
Date:	11/12/2015
Start Time:	12:00
Duration (min):	30

VALIDATION SOUND LEVEL

Time	Leq	Enter Y for Yes	
		Non-Traffic	Exclude
12:00	68.3		
12:01	66.4		
12:02	71.4		
12:03	66.3		
12:04	63.5		
12:05	68.1		
12:06	68.7		
12:07	68.1		
12:08	69.4		
12:09	67.1		
12:10	67.3		
12:11	68.1		
12:12	68.4		
12:13	69.9		
12:14	69.4		
12:15	67.7		
12:16	66.8		
12:17	65.4		
12:18	69.4		
12:19	68.5		
12:20	67.3		
12:21	67.6		
12:22	65.2		
12:23	66.1		
12:24	69.5		
12:25	67.9		
12:26	67.3		
12:27	68.6		
12:28	69.2		
12:29	68.7		
Traffic-only Leq:		68.1	
Overall Leq:		68.1	

TRAFFIC INPUT
Data Entry Table

Roadway	Direction	VehicleType	Total_Lookup	VehType_Lookup	Start_Time	Duration	Count	Speed
Rt 164	WB	A	Rt 164_WB	Rt 164_WB_A	12:00		5	67
Rt 164	WB	MT	Rt 164_WB	Rt 164_WB_MT	12:00		5	2
Rt 164	WB	HT	Rt 164_WB	Rt 164_WB_HT	12:00		5	12
Rt 164	EB	A	Rt 164_EB	Rt 164_EB_A	12:06		5	74
Rt 164	EB	MT	Rt 164_EB	Rt 164_EB_MT	12:06		5	1
Rt 164	EB	HT	Rt 164_EB	Rt 164_EB_HT	12:06		5	9
Rt 164	WB	A	Rt 164_WB	Rt 164_WB_A	12:12		5	59
Rt 164	WB	MT	Rt 164_WB	Rt 164_WB_MT	12:12		5	2
Rt 164	WB	HT	Rt 164_WB	Rt 164_WB_HT	12:12		5	11
Rt 164	EB	A	Rt 164_EB	Rt 164_EB_A	12:18		5	79
Rt 164	EB	MT	Rt 164_EB	Rt 164_EB_MT	12:18		5	2
Rt 164	EB	HT	Rt 164_EB	Rt 164_EB_HT	12:18		5	8
			—	—				
			—	—				
			—	—				
			—	—				
			—	—				
			—	—				

TNM Input Table

Roadway	Direction	VehicleType	Lookup	Lookup	Total_Duration	Total_Type_Count	Avg_Spec	Hour_Count	Speed
Rt 164	EB	A	Rt 164_EB	Rt 164_EB_A	10	153	60	918	60
Rt 164	EB	MT	Rt 164_EB	Rt 164_EB_MT	10	3	60	18	60
Rt 164	EB	HT	Rt 164_EB	Rt 164_EB_HT	10	17	60	102	60
Rt 164	WB	A	Rt 164_WB	Rt 164_WB_A	10	126	60	756	60
Rt 164	WB	MT	Rt 164_WB	Rt 164_WB_MT	10	4	60	24	60
Rt 164	WB	HT	Rt 164_WB	Rt 164_WB_HT	10	23	60	138	60
			—	—	0	0	0	#DIV/0!	#DIV/0!
			—	—	0	0	0	#DIV/0!	#DIV/0!
			—	—	0	0	0	#DIV/0!	#DIV/0!

Site Number	M47
Location:	7020 Kenny Ln, Portsmouth
Date:	11/12/2015
Start Time:	11:02
Duration (min):	30

VALIDATION SOUND LEVEL

Time	Leq	Enter Y for Yes	
		Non-Traffic	Exclude
11:02	59.5		
11:03	61.9		
11:04	60.4		
11:05	59.6		
11:06	62.3		
11:07	59.8		
11:08	59.4		
11:09	63.1		Y
11:10	60.7	Y	
11:11	59.8		
11:12	59.1		
11:13	61.9		
11:14	60.0		
11:15	60.7		
11:16	60.1	Y	
11:17	59.2		
11:18	60.4		
11:19	60.1		
11:20	60.6		
11:21	60.2		
11:22	59.0		
11:23	60.2	Y	
11:24	58.9		
11:25	57.8		
11:26	58.2		
11:27	59.9		
11:28	58.9		
11:29	58.3		
11:30	60.0		
11:31	59.8		
Traffic-only Leq:		60.0	
Overall Leq:		60.0	

TRAFFIC INPUT
Data Entry Table

Roadway	Direction	VehicleType	Total_Lookup	VehType_Lookup	Start_Time	Duration	Count	Speed
Rt 164	WB	A	Rt 164_WB	Rt 164_WB_A	11:01		5	89
Rt 164	WB	MT	Rt 164_WB	Rt 164_WB_MT	11:01		5	1
Rt 164	WB	HT	Rt 164_WB	Rt 164_WB_HT	11:01		5	11
Rt 164	EB	A	Rt 164_EB	Rt 164_EB_A	11:08		5	82
Rt 164	EB	MT	Rt 164_EB	Rt 164_EB_MT	11:08		5	1
Rt 164	EB	HT	Rt 164_EB	Rt 164_EB_HT	11:08		5	12
Rt 164	WB	A	Rt 164_WB	Rt 164_WB_A	11:15		5	99
Rt 164	WB	MT	Rt 164_WB	Rt 164_WB_MT	11:15		5	3
Rt 164	WB	HT	Rt 164_WB	Rt 164_WB_HT	11:15		5	11
Rt 164	EB	A	Rt 164_EB	Rt 164_EB_A	11:21		5	67
Rt 164	EB	MT	Rt 164_EB	Rt 164_EB_MT	11:21		5	3
Rt 164	EB	HT	Rt 164_EB	Rt 164_EB_HT	11:21		5	10
			—	—				
			—	—				
			—	—				
			—	—				
			—	—				
			—	—				

TNM Input Table

Roadway	Direction	VehicleType	Lookup	Lookup	Total_Duration	Total_Type_Count	Avg_Spec	Hour_Count	Speed
Rt 164	WB	A	Rt 164_WB	Rt 164_WB_A	10	188	60	1128	60
Rt 164	WB	MT	Rt 164_WB	Rt 164_WB_MT	10	4	60	24	60
Rt 164	WB	HT	Rt 164_WB	Rt 164_WB_HT	10	22	60	132	60
Rt 164	EB	A	Rt 164_EB	Rt 164_EB_A	10	149	60	894	60
Rt 164	EB	MT	Rt 164_EB	Rt 164_EB_MT	10	4	60	24	60
Rt 164	EB	HT	Rt 164_EB	Rt 164_EB_HT	10	22	60	132	60
			—	—	0	0	0	#DIV/0!	#DIV/0!
			—	—	0	0	0	#DIV/0!	#DIV/0!
			—	—	0	0	0	#DIV/0!	#DIV/0!

Site Number	M48
Location:	3909 Old Farm Rd, Portsmouth
Date:	11/12/2015
Start Time:	9:54
Duration (min):	30

VALIDATION SOUND LEVEL

Time	Leq	Enter Y for Yes	
		Non-Traffic	Exclude
9:54	59.8		
9:55	58.9		
9:56	60.5	Y	
9:57	59.4		
9:58	60.4		
9:59	60.5		
10:00	60.2		
10:01	59.8		
10:02	58.0		
10:03	57.4		
10:04	57.9		
10:05	60.6	Y	
10:06	59.3		
10:07	59.2		
10:08	59.3		
10:09	58.9		
10:10	59.3		
10:11	60.2		
10:12	58.4		
10:13	59.0		
10:14	59.1		
10:15	59.8		
10:16	58.9		
10:17	60.5		
10:18	59.8		
10:19	58.9		
10:20	60.1		
10:21	59.4		
10:22	59.1		
10:23	60.1		
Traffic-only Leq:			59.4
Overall Leq:			59.5

TRAFFIC INPUT
Data Entry Table

Roadway	Direction	VehicleType	Total_Lookup	VehType_Lookup	Start_Time	Duration	Count	Speed
Rt 164	EB	A	Rt 164_EB	Rt 164_EB_A		10:05	5	83
Rt 164	EB	MT	Rt 164_EB	Rt 164_EB_MT			5	5
Rt 164	EB	HT	Rt 164_EB	Rt 164_EB_HT			5	13
Rt 164	WB	A	Rt 164_WB	Rt 164_WB_A		10:12	5	74
Rt 164	WB	MT	Rt 164_WB	Rt 164_WB_MT			5	3
Rt 164	WB	HT	Rt 164_WB	Rt 164_WB_HT			5	13
Rt 164	EB	A	Rt 164_EB	Rt 164_EB_A		10:20	5	95
Rt 164	EB	MT	Rt 164_EB	Rt 164_EB_MT			5	5
Rt 164	EB	HT	Rt 164_EB	Rt 164_EB_HT			5	9
Rt 164	WB	A	Rt 164_WB	Rt 164_WB_A		10:29	5	86
Rt 164	WB	MT	Rt 164_WB	Rt 164_WB_MT			5	1
Rt 164	WB	HT	Rt 164_WB	Rt 164_WB_HT			5	18
		A	—	__A				
		MT	—	__MT				
		HT	—	__HT				
			—	—				
			—	—				
			—	—				

TNM Input Table

Roadway	Direction	VehicleType	Lookup	Lookup	Total_Duration	Total_Type_Count	Avg_Spec	Hour_Count	Speed
Rt 164	EB	A	Rt 164_EB	Rt 164_EB_A	10	178	60	1068	60
Rt 164	EB	MT	Rt 164_EB	Rt 164_EB_MT	10	10	60	60	60
Rt 164	EB	HT	Rt 164_EB	Rt 164_EB_HT	10	22	60	132	60
Rt 164	WB	A	Rt 164_WB	Rt 164_WB_A	10	160	60	960	60
Rt 164	WB	MT	Rt 164_WB	Rt 164_WB_MT	10	4	60	24	60
Rt 164	WB	HT	Rt 164_WB	Rt 164_WB_HT	10	31	60	186	60
			—	—	0	0	0	#DIV/0!	#DIV/0!
			—	—	0	0	0	#DIV/0!	#DIV/0!
			—	—	0	0	0	#DIV/0!	#DIV/0!

Site Number	M49
Location:	3105 Polk St, Portsmouth
Date:	11/12/2015
Start Time:	9:02
Duration (min):	30

VALIDATION SOUND LEVEL

Time	Leq	Enter Y for Yes	
		Non-Traffic	Exclude
9:02	52.8		
9:03	52.1		
9:04	53.0		
9:05	51.2		
9:06	51.3		
9:07	51.7		
9:08	51.0		
9:09	51.7		
9:10	51.5		
9:11	51.0		
9:12	51.3		
9:13	51.6		
9:14	52.5		
9:15	51.4		
9:16	51.0		
9:17	52.6		
9:18	52.9		
9:19	51.6		
9:20	52.8		
9:21	51.5		
9:22	51.9		
9:23	52.5		
9:24	51.7		
9:25	50.3		
9:26	51.3		
9:27	51.9		
9:28	52.6		
9:29	52.8	Y	
9:30	51.2		
9:31	51.4		
Traffic-only Leq:			51.8
Overall Leq:			51.9

TRAFFIC INPUT Site Number M49
Data Entry Table

Roadway	Direction	VehicleType	Total_Lookup	VehType_Lookup	Start_Time	Duration	Count	Speed
Rt 164	EB	A	Rt 164_EB	Rt 164_EB_A		9:01	5	78
Rt 164	EB	MT	Rt 164_EB	Rt 164_EB_MT			5	2
Rt 164	EB	HT	Rt 164_EB	Rt 164_EB_HT			5	11
Rt 164	WB	A	Rt 164_WB	Rt 164_WB_A		9:08	5	68
Rt 164	WB	MT	Rt 164_WB	Rt 164_WB_MT			5	1
Rt 164	WB	HT	Rt 164_WB	Rt 164_WB_HT			5	16
Rt 164	EB	A	Rt 164_EB	Rt 164_EB_A		9:15	5	87
Rt 164	EB	MT	Rt 164_EB	Rt 164_EB_MT			5	4
Rt 164	EB	HT	Rt 164_EB	Rt 164_EB_HT			5	9
Rt 164	WB	A	Rt 164_WB	Rt 164_WB_A		9:21	5	47
Rt 164	WB	MT	Rt 164_WB	Rt 164_WB_MT			5	2
Rt 164	WB	HT	Rt 164_WB	Rt 164_WB_HT			5	16
Ramp	EB	A	Ramp_EB	Ramp_EB_A		9:01	5	20
Ramp	EB	MT	Ramp_EB	Ramp_EB_MT			5	2
Ramp	EB	HT	Ramp_EB	Ramp_EB_HT			5	1
Ramp	WB	A	Ramp_WB	Ramp_WB_A		9:08	5	21
Ramp	WB	MT	Ramp_WB	Ramp_WB_MT			5	0
Ramp	WB	HT	Ramp_WB	Ramp_WB_HT			5	1
Ramp	EB	A	Ramp_EB	Ramp_EB_A		9:15	5	29
Ramp	EB	MT	Ramp_EB	Ramp_EB_MT			5	1
Ramp	EB	HT	Ramp_EB	Ramp_EB_HT			5	0
Ramp	WB	A	Ramp_WB	Ramp_WB_A		9:21	5	18
Ramp	WB	MT	Ramp_WB	Ramp_WB_MT			5	0
Ramp	WB	HT	Ramp_WB	Ramp_WB_HT			5	0

TNM Input Table

Roadway	Direction	VehicleType	Lookup	Lookup	Total_Duration	Total_Type_Count	Avg_Speed	Hour_Count	Speed
Rt 164	EB	A	Rt 164_EB	Rt 164_EB_A	10	165	63	990	63
Rt 164	EB	MT	Rt 164_EB	Rt 164_EB_MT	10	6	63	36	63
Rt 164	EB	HT	Rt 164_EB	Rt 164_EB_HT	10	20	63	120	63
Rt 164	WB	A	Rt 164_WB	Rt 164_WB_A	10	115	63	690	63
Rt 164	WB	MT	Rt 164_WB	Rt 164_WB_MT	10	3	63	18	63
Rt 164	WB	HT	Rt 164_WB	Rt 164_WB_HT	10	32	63	192	63
Ramp	EB	A	Ramp_EB	Ramp_EB_A	10	49	40	294	40
Ramp	EB	MT	Ramp_EB	Ramp_EB_MT	10	3	40	18	40
Ramp	EB	HT	Ramp_EB	Ramp_EB_HT	10	1	40	6	40
Ramp	WB	A	Ramp_WB	Ramp_WB_A	10	39	40	234	40
Ramp	WB	MT	Ramp_WB	Ramp_WB_MT	10	0	40	0	0
Ramp	WB	HT	Ramp_WB	Ramp_WB_HT	10	1	40	6	40

Site Number	M50
Location:	6229 Hightower Rd, Portsmouth
Date:	11/11/2015
Start Time:	16:36
Duration (min):	30

VALIDATION SOUND LEVEL

Time	Leq	Enter Y for Yes	
		Non-Traffic	Exclude
16:36	56.9		Y
16:37	54.9		
16:38	58.2	Y	
16:39	55.5		
16:40	55.5		
16:41	56.5		
16:42	55.4		
16:43	55.6		
16:44	55.7		
16:45	53.6		
16:46	54.7		
16:47	55.2		
16:48	55.2		
16:49	55.7		
16:50	58.6	Y	
16:51	57.6	Y	
16:52	58.6	Y	
16:53	56.8	Y	
16:54	55.7		
16:55	55.6		
16:56	54.6		
16:57	58.8	Y	
16:58	57.3		
16:59	55.7		
17:00	57.3		
17:01	55.6		
17:02	57.5		
17:03	55.0		
17:04	54.9		
17:05	59.7		
Traffic-only Leq:		56.0	
Overall Leq:		56.5	

TRAFFIC INPUT
Data Entry Table

Roadway	Direction	VehicleType	Total_Lookup	VehType_Lookup	Start_Time	Duration	Count	Speed
Rt 164	EB	A	Rt 164_EB	Rt 164_EB_A	16:36		5	148
Rt 164	EB	MT	Rt 164_EB	Rt 164_EB_MT			5	2
Rt 164	EB	HT	Rt 164_EB	Rt 164_EB_HT			5	8
Rt 164	WB	A	Rt 164_WB	Rt 164_WB_A	16:42		5	95
Rt 164	WB	MT	Rt 164_WB	Rt 164_WB_MT			5	2
Rt 164	WB	HT	Rt 164_WB	Rt 164_WB_HT			5	2
Rt 164	EB	A	Rt 164_EB	Rt 164_EB_A	16:48		5	145
Rt 164	EB	MT	Rt 164_EB	Rt 164_EB_MT			5	3
Rt 164	EB	HT	Rt 164_EB	Rt 164_EB_HT			5	2
Rt 164	WB	A	Rt 164_WB	Rt 164_WB_A	16:54		5	73
Rt 164	WB	MT	Rt 164_WB	Rt 164_WB_MT			5	4
Rt 164	WB	HT	Rt 164_WB	Rt 164_WB_HT			5	3
Ramp	EB	A	Ramp_EB	Ramp_EB_A				
Ramp	EB	MT	Ramp_EB	Ramp_EB_MT				
Ramp	EB	HT	Ramp_EB	Ramp_EB_HT				
Ramp	WB	A	Ramp_WB	Ramp_WB_A				
Ramp	WB	MT	Ramp_WB	Ramp_WB_MT				
Ramp	WB	HT	Ramp_WB	Ramp_WB_HT				
Ramp	EB	A	Ramp_EB	Ramp_EB_A				
Ramp	EB	MT	Ramp_EB	Ramp_EB_MT				
Ramp	EB	HT	Ramp_EB	Ramp_EB_HT				
Ramp	WB	A	Ramp_WB	Ramp_WB_A				
Ramp	WB	MT	Ramp_WB	Ramp_WB_MT				
Ramp	WB	HT	Ramp_WB	Ramp_WB_HT				
			—	—				
			—	—				
			—	—				

TNM Input Table

Roadway	Direction	VehicleType	Lookup	Lookup	Total_Duration	Total_Type_Count	Avg_Speed	Hour_Count	Speed
Rt 164	EB	A	Rt 164_EB	Rt 164_EB_A	10	293	63	1758	63
Rt 164	EB	MT	Rt 164_EB	Rt 164_EB_MT	10	5	63	30	63
Rt 164	EB	HT	Rt 164_EB	Rt 164_EB_HT	10	10	63	60	63
Rt 164	WB	A	Rt 164_WB	Rt 164_WB_A	10	168	63	1008	63
Rt 164	WB	MT	Rt 164_WB	Rt 164_WB_MT	10	6	63	36	63
Rt 164	WB	HT	Rt 164_WB	Rt 164_WB_HT	10	5	63	30	63
Ramp	EB	A	Ramp_EB	Ramp_EB_A	0	0	0	#DIV/0!	#DIV/0!
Ramp	EB	MT	Ramp_EB	Ramp_EB_MT	0	0	0	#DIV/0!	#DIV/0!
Ramp	EB	HT	Ramp_EB	Ramp_EB_HT	0	0	0	#DIV/0!	#DIV/0!
Ramp	WB	A	Ramp_WB	Ramp_WB_A	0	0	0	#DIV/0!	#DIV/0!
Ramp	WB	MT	Ramp_WB	Ramp_WB_MT	0	0	0	#DIV/0!	#DIV/0!
Ramp	WB	HT	Ramp_WB	Ramp_WB_HT	0	0	0	#DIV/0!	#DIV/0!
			—	—	0	0	0	#DIV/0!	#DIV/0!

Site Number	M51
Location:	5229 Crabtree Pl., Portsmouth
Date:	11/11/2015
Start Time:	15:39
Duration (min):	30

VALIDATION SOUND LEVEL

Time	Leq	Enter Y for Yes	
		Non-Traffic	Exclude
15:39	55.1		
15:40	54.2		
15:41	54.7		
15:42	55.5		
15:43	53.8		
15:44	54.1		
15:45	56.1		
15:46	54.8		
15:47	53.4		
15:48	56.1		
15:49	54.7		
15:50	55.4		
15:51	54.0		
15:52	55.0		
15:53	53.3		
15:54	53.7		
15:55	54.4		
15:56	54.0		
15:57	58.6		
15:58	55.1		
15:59	59.4	Y	
16:00	54.9		
16:01	54.2		
16:02	54.8		
16:03	55.3		
16:04	55.2		
16:05	57.9		
16:06	54.5		
16:07	55.0		
16:08	54.6		
Traffic-only Leq:			55.1
Overall Leq:			55.3

TRAFFIC INPUT
Data Entry Table

Roadway	Direction	VehicleType	Total_Lookup	VehType_Lookup	Start_Time	Duration	Count	Speed
Rt 164	EB	A	Rt 164_EB	Rt 164_EB_A		15:39	5	125
Rt 164	EB	MT	Rt 164_EB	Rt 164_EB_MT			5	1
Rt 164	EB	HT	Rt 164_EB	Rt 164_EB_HT			5	9
Rt 164	WB	A	Rt 164_WB	Rt 164_WB_A		15:45	5	80
Rt 164	WB	MT	Rt 164_WB	Rt 164_WB_MT			5	0
Rt 164	WB	HT	Rt 164_WB	Rt 164_WB_HT			5	8
Rt 164	EB	A	Rt 164_EB	Rt 164_EB_A		15:51	5	127
Rt 164	EB	MT	Rt 164_EB	Rt 164_EB_MT			5	2
Rt 164	EB	HT	Rt 164_EB	Rt 164_EB_HT			5	10
Rt 164	WB	A	Rt 164_WB	Rt 164_WB_A		15:59	5	76
Rt 164	WB	MT	Rt 164_WB	Rt 164_WB_MT			5	0
Rt 164	WB	HT	Rt 164_WB	Rt 164_WB_HT			5	7
			—	—				
			—	—				
			—	—				
			—	—				
			—	—				
			—	—				

TNM Input Table

Roadway	Direction	VehicleType	Lookup	Lookup	Total_Duration	Total_Type_Count	Avg_Spec	Hour_Count	Speed
Rt 164	EB	A	Rt 164_EB	Rt 164_EB_A	10	252	60	1512	60
Rt 164	EB	MT	Rt 164_EB	Rt 164_EB_MT	10	3	60	18	60
Rt 164	EB	HT	Rt 164_EB	Rt 164_EB_HT	10	19	60	114	60
Rt 164	WB	A	Rt 164_WB	Rt 164_WB_A	10	156	60	936	60
Rt 164	WB	MT	Rt 164_WB	Rt 164_WB_MT	10	0	60	0	0
Rt 164	WB	HT	Rt 164_WB	Rt 164_WB_HT	10	15	60	90	60
			—	—	0	0	0	#DIV/0!	#DIV/0!
			—	—	0	0	0	#DIV/0!	#DIV/0!
			—	—	0	0	0	#DIV/0!	#DIV/0!

Site Number	M52
Location:	5416 Lilac Crescent, Portsmouth
Date:	11/11/2015
Start Time:	14:48
Duration (min):	30

VALIDATION SOUND LEVEL

Time	Leq	Enter Y for Yes	
		Non-Traffic	Exclude
14:48	55.5		
14:49	55.9		
14:50	56.6		
14:51	54.1		
14:52	55.0		
14:53	55.1		
14:54	56.4		
14:55	55.1		
14:56	55.3		
14:57	52.7		
14:58	56.5		
14:59	53.4		
15:00	59.4	Y	
15:01	56.3		
15:02	54.8		
15:03	61.5	Y	
15:04	62.4	Y	
15:05	58.1		
15:06	54.3		
15:07	53.0		
15:08	54.8		
15:09	56.2		
15:10	60.1	Y	
15:11	61.6	Y	
15:12	58.3	Y	
15:13	57.0	Y	
15:14	56.4		
15:15	58.8	Y	
15:16	56.0		
15:17	56.7		
Traffic-only Leq:			55.6
Overall Leq:			57.4

TRAFFIC INPUT
Data Entry Table

Roadway	Direction	VehicleType	Total_Lookup	VehType_Lookup	Start_Time	Duration	Count	Speed
Rt 164	EB	A	Rt 164_EB	Rt 164_EB_A		14:47	5	123
Rt 164	EB	MT	Rt 164_EB	Rt 164_EB_MT			5	5
Rt 164	EB	HT	Rt 164_EB	Rt 164_EB_HT			5	10
Rt 164	WB	A	Rt 164_WB	Rt 164_WB_A		14:53	5	84
Rt 164	WB	MT	Rt 164_WB	Rt 164_WB_MT			5	1
Rt 164	WB	HT	Rt 164_WB	Rt 164_WB_HT			5	8
Rt 164	EB	A	Rt 164_EB	Rt 164_EB_A		15:00	5	120
Rt 164	EB	MT	Rt 164_EB	Rt 164_EB_MT			5	2
Rt 164	EB	HT	Rt 164_EB	Rt 164_EB_HT			5	10
Rt 164	WB	A	Rt 164_WB	Rt 164_WB_A		15:06	5	79
Rt 164	WB	MT	Rt 164_WB	Rt 164_WB_MT			5	0
Rt 164	WB	HT	Rt 164_WB	Rt 164_WB_HT			5	16
			—	—				
			—	—				
			—	—				
			—	—				
			—	—				
			—	—				

TNM Input Table

Roadway	Direction	VehicleType	Lookup	Lookup	Total_Duration	Total_Type_Count	Avg_Speed	Hour_Count	Speed
Rt 164	EB	A	Rt 164_EB	Rt 164_EB_A	10	243	60	1458	60
Rt 164	EB	MT	Rt 164_EB	Rt 164_EB_MT	10	7	60	42	60
Rt 164	EB	HT	Rt 164_EB	Rt 164_EB_HT	10	20	60	120	60
Rt 164	WB	A	Rt 164_WB	Rt 164_WB_A	10	163	60	978	60
Rt 164	WB	MT	Rt 164_WB	Rt 164_WB_MT	10	1	60	6	60
Rt 164	WB	HT	Rt 164_WB	Rt 164_WB_HT	10	24	60	144	60
			—	—	0	0	0	#DIV/0!	#DIV/0!
			—	—	0	0	0	#DIV/0!	#DIV/0!
			—	—	0	0	0	#DIV/0!	#DIV/0!

Site Number	M53
Location:	5010 Huntersville Pl, Suffolk
Date:	11/18/2015
Start Time:	12:52
Duration (min):	30

VALIDATION SOUND LEVEL

Time	Leq	Enter Y for Yes	
		Non-Traffic	Exclude
12:52	61.5		
12:53	61.9		
12:54	61.1		
12:55	62.0		
12:56	62.8		
12:57	63.3		
12:58	60.7		
12:59	61.2		
13:00	62.5		
13:01	64.9		
13:02	61.3		
13:03	63.4		
13:04	61.7		
13:05	64.4		
13:06	61.3		
13:07	63.0		
13:08	62.4		
13:09	64.9	Y	
13:10	60.4		
13:11	61.2		
13:12	61.1		
13:13	65.7		
13:14	63.4		
13:15	62.0		
13:16	63.6		
13:17	62.2		
13:18	64.8		
13:19	63.0		
13:20	63.0		
13:21	62.1		
Traffic-only Leq:			62.7
Overall Leq:			62.8

TRAFFIC INPUT
Data Entry Table

Roadway	Direction	VehicleType	Total_Lookup	VehType_Lookup	Start_Time	Duration	Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A		12:52	5	119
I-664	NB	MT	I-664_NB	I-664_NB_MT			5	57
I-664	NB	HT	I-664_NB	I-664_NB_HT			5	57
I-664	SB	A	I-664_SB	I-664_SB_A		12:58	5	113
I-664	SB	MT	I-664_SB	I-664_SB_MT			5	57
I-664	SB	HT	I-664_SB	I-664_SB_HT			5	57
I-664	NB	A	I-664_NB	I-664_NB_A		13:04	5	100
I-664	NB	MT	I-664_NB	I-664_NB_MT			5	57
I-664	NB	HT	I-664_NB	I-664_NB_HT			5	57
I-664	SB	A	I-664_SB	I-664_SB_A		13:10	5	103
I-664	SB	MT	I-664_SB	I-664_SB_MT			5	57
I-664	SB	HT	I-664_SB	I-664_SB_HT			5	57
			—	—				
			—	—				
			—	—				
			—	—				
			—	—				
			—	—				

TNM Input Table

Roadway	Direction	VehicleType	Lookup	Lookup	Total_Duration	Total_Type_Count	Avg_Spec	Hour_Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	10	219	57	1314	57
I-664	NB	MT	I-664_NB	I-664_NB_MT	10	7	57	42	57
I-664	NB	HT	I-664_NB	I-664_NB_HT	10	24	57	144	57
I-664	SB	A	I-664_SB	I-664_SB_A	10	216	57	1296	57
I-664	SB	MT	I-664_SB	I-664_SB_MT	10	16	57	96	57
I-664	SB	HT	I-664_SB	I-664_SB_HT	10	28	57	168	57
			—	—	0	0	0	#DIV/0!	#DIV/0!
			—	—	0	0	0	#DIV/0!	#DIV/0!
			—	—	0	0	0	#DIV/0!	#DIV/0!

Site Number	M54
Location:	Churchland HS Baseball Field - Cedar Ln, Portsmouth
Date:	11/12/2015
Start Time:	17:00
Duration (min):	22

VALIDATION SOUND LEVEL

Time	Leq	Enter Y for Yes	
		Non-Traffic	Exclude
17:00	49.5		
17:01	50.3		
17:02	49.6		
17:03	54.6		
17:04	54.2		
17:05	50.0		
17:06	52.4		
17:07	51.3		
17:08	49.1		
17:09	49.2		
17:10	52.9		
17:11	52.0		
17:12	50.7		
17:13	49.7		
17:14	50.0		
17:15	50.2		
17:16	51.6		
17:17	53.0		
17:18	51.6		
17:19	51.5		
17:20	52.9		
17:21	51.9		
Traffic-only Leq:		51.6	
Overall Leq:		51.6	

TRAFFIC INPUT
Data Entry Table

Site Number M54

Roadway	Direction	VehicleType	Total_Lookup	VehType_Lookup	Start_Time	Duration	Count	Speed
		A	—	__A			5	
		MT	—	__MT			5	
		HT	—	__HT			5	
		A	—	__A			5	
		MT	—	__MT			5	
		HT	—	__HT			5	
		A	—	__A			5	
		MT	—	__MT			5	
		HT	—	__HT			5	
		A	—	__A			5	
		MT	—	__MT			5	
		HT	—	__HT			5	
		A	—	__A			5	
		MT	—	__MT			5	
		HT	—	__HT			5	
		A	—	__A			5	
		MT	—	__MT			5	
		HT	—	__HT			5	
			—	__				
			—	__				
			—	__				

TNM Input Table

Roadway	Direction	VehicleType	Lookup	Lookup	Total_Duration	Total_Type_Count	Avg_Spec	Hour_Count	Speed
		A	—	__A	20	0	0	0	0
		MT	—	__MT	20	0	0	0	0
		HT	—	__HT	20	0	0	0	0
		A	—	__A	20	0	0	0	0
		MT	—	__MT	20	0	0	0	0
		HT	—	__HT	20	0	0	0	0
			—	__	0	0	0	#DIV/0!	#DIV/0!
			—	__	0	0	0	#DIV/0!	#DIV/0!
			—	__	0	0	0	#DIV/0!	#DIV/0!

Site Number	M55
Location:	535 13th St, Newport News
Date:	11/20/2015
Start Time:	8:25
Duration (min):	30

VALIDATION SOUND LEVEL

Time	Leq	Enter Y for Yes	
		Non-Traffic	Exclude
8:25	63.6		
8:26	63.4		
8:27	62.9		
8:28	61.1		
8:29	62.2		
8:30	61.5		
8:31	62.9		
8:32	62.8		
8:33	61.5		
8:34	61.7		
8:35	60.1		
8:36	61.0		
8:37	63.3		
8:38	63.0		
8:39	62.4		
8:40	60.4		
8:41	60.9		
8:42	61.4		
8:43	60.6		
8:44	59.0		
8:45	61.8		
8:46	61.3		
8:47	61.1		
8:48	60.7		
8:49	60.0		
8:50	59.8		
8:51	60.7		
8:52	61.2		
8:53	60.9		
8:54	60.9		
Traffic-only Leq:		61.6	
Overall Leq:		61.6	

TRAFFIC INPUT
Data Entry Table

Roadway	Direction	VehicleType	Total_Lookup	VehType_Lookup	Start_Time	Duration	Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A		8:25	5	174
I-664	NB	MT	I-664_NB	I-664_NB_MT			5	6
I-664	NB	HT	I-664_NB	I-664_NB_HT			5	11
I-664	SB	A	I-664_SB	I-664_SB_A		8:31	5	123
I-664	SB	MT	I-664_SB	I-664_SB_MT			5	8
I-664	SB	HT	I-664_SB	I-664_SB_HT			5	8
I-664	NB	A	I-664_NB	I-664_NB_A		8:37	5	174
I-664	NB	MT	I-664_NB	I-664_NB_MT			5	6
I-664	NB	HT	I-664_NB	I-664_NB_HT			5	10
I-664	SB	A	I-664_SB	I-664_SB_A		8:43	5	98
I-664	SB	MT	I-664_SB	I-664_SB_MT			5	6
I-664	SB	HT	I-664_SB	I-664_SB_HT			5	12
			—	—				
			—	—				
			—	—				
			—	—				
			—	—				
			—	—				

TNM Input Table

Roadway	Direction	VehicleType	Lookup	Lookup	Total_Duration	Total_Type_Count	Avg_Spec	Hour_Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	10	348	57	2088	57
I-664	NB	MT	I-664_NB	I-664_NB_MT	10	12	57	72	57
I-664	NB	HT	I-664_NB	I-664_NB_HT	10	21	57	126	57
I-664	SB	A	I-664_SB	I-664_SB_A	10	221	57	1326	57
I-664	SB	MT	I-664_SB	I-664_SB_MT	10	14	57	84	57
I-664	SB	HT	I-664_SB	I-664_SB_HT	10	20	57	120	57
			—	—	0	0	0	#DIV/0!	#DIV/0!
			—	—	0	0	0	#DIV/0!	#DIV/0!
			—	—	0	0	0	#DIV/0!	#DIV/0!

Site Number	M56
Location:	523 22nd St, Newport News
Date:	11/20/2015
Start Time:	9:10
Duration (min):	30

VALIDATION SOUND LEVEL

Time	Leq	Enter Y for Yes	
		Non-Traffic	Exclude
9:10	60.3		
9:11	60.3		
9:12	61.5	Y	
9:13	60.6		
9:14	60.8		
9:15	60.8		
9:16	61.3		
9:17	59.7		
9:18	60.7		
9:19	60.1		
9:20	61.4		
9:21	60.5		
9:22	60.7		
9:23	59.6		
9:24	60.2		
9:25	60.6		
9:26	60.8		
9:27	61.9		
9:28	59.3		
9:29	61.2		
9:30	60.2		
9:31	61.1		
9:32	59.4		
9:33	60.6		
9:34	58.9		
9:35	60.4		
9:36	59.7		
9:37	61.1		
9:38	58.5		
9:39	58.0		
Traffic-only Leq:		60.4	
Overall Leq:		60.4	

TRAFFIC INPUT
Data Entry Table

Roadway	Direction	VehicleType	Total_Lookup	VehType_Lookup	Start_Time	Duration	Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	9:10		5	116
I-664	NB	MT	I-664_NB	I-664_NB_MT			5	5
I-664	NB	HT	I-664_NB	I-664_NB_HT			5	8
I-664	SB	A	I-664_SB	I-664_SB_A	9:16		5	114
I-664	SB	MT	I-664_SB	I-664_SB_MT			5	18
I-664	SB	HT	I-664_SB	I-664_SB_HT			5	9
I-664	NB	A	I-664_NB	I-664_NB_A	9:22		5	135
I-664	NB	MT	I-664_NB	I-664_NB_MT			5	9
I-664	NB	HT	I-664_NB	I-664_NB_HT			5	6
I-664	SB	A	I-664_SB	I-664_SB_A	9:28		5	105
I-664	SB	MT	I-664_SB	I-664_SB_MT			5	8
I-664	SB	HT	I-664_SB	I-664_SB_HT			5	17
			—	—				
			—	—				
			—	—				
			—	—				
			—	—				
			—	—				

TNM Input Table

Roadway	Direction	VehicleType	Lookup	Lookup	Total_Duration	Total_Type_Count	Avg_Spec	Hour_Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	10	251	60	1506	60
I-664	NB	MT	I-664_NB	I-664_NB_MT	10	14	60	84	60
I-664	NB	HT	I-664_NB	I-664_NB_HT	10	14	60	84	60
I-664	SB	A	I-664_SB	I-664_SB_A	10	219	60	1314	60
I-664	SB	MT	I-664_SB	I-664_SB_MT	10	26	60	156	60
I-664	SB	HT	I-664_SB	I-664_SB_HT	10	26	60	156	60
			—	—	0	0	0	#DIV/0!	#DIV/0!
			—	—	0	0	0	#DIV/0!	#DIV/0!
			—	—	0	0	0	#DIV/0!	#DIV/0!

Site Number	M57
Location:	Madison Ave, North of 36th St, Newport News
Date:	11/5/2015
Start Time:	13:55
Duration (min):	30

VALIDATION SOUND LEVEL

Time	Leq	Enter Y for Yes	
		Non-Traffic	Exclude
13:55	58.58		
13:56	62.31		
13:57	58.35		
13:58	60.7		
13:59	62.18		
14:00	61.06		
14:01	59.74		
14:02	60.56		
14:03	60.71		
14:04	62.8		
14:05	62.56		
14:06	61.04		
14:07	60.34		
14:08	60.17		
14:09	60.77		
14:10	60.99		
14:11	62.13	y	
14:12	61.65		
14:13	61.13		
14:14	62.06		
14:15	63.71	y	
14:16	61.38		
14:17	62.16		
14:18	63.25		
14:19	63.99		
14:20	63.04		
14:21	61.52		
14:22	60.15		
14:23	61.78		
14:24	62.25		
Traffic-only Leq:		61.5	
Overall Leq:		61.6	

TRAFFIC INPUT
Data Entry Table

Site Number M57

Roadway	Direction	VehicleType	Total_Lookup	VehType_Lookup	Start_Time	Duration	Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	14:00		5	152
I-664	NB	MT	I-664_NB	I-664_NB_MT	14:00		5	9
I-664	NB	HT	I-664_NB	I-664_NB_HT	14:00		5	8
I-664	NB	A	I-664_NB	I-664_NB_A	14:12		5	203
I-664	NB	MT	I-664_NB	I-664_NB_MT	14:12		5	13
I-664	NB	HT	I-664_NB	I-664_NB_HT	14:12		5	11
I-664	SB	A	I-664_SB	I-664_SB_A	14:06		5	163
I-664	SB	MT	I-664_SB	I-664_SB_MT	14:06		5	8
I-664	SB	HT	I-664_SB	I-664_SB_HT	14:06		5	8
I-664	SB	A	I-664_SB	I-664_SB_A	14:18		5	191
I-664	SB	MT	I-664_SB	I-664_SB_MT	14:18		5	13
I-664	SB	HT	I-664_SB	I-664_SB_HT	14:18		5	12
		A	—	__A				
		MT	—	__MT				
		HT	—	__HT				
			—	—				
			—	—				
			—	—				

TNM Input Table

Roadway	Direction	VehicleType	Lookup	Lookup	Total_Duration	Total_Type_Count	Avg_Speed	Hour_Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	10	355	62.5	2130	63
I-664	NB	MT	I-664_NB	I-664_NB_MT	10	22	62.5	132	63
I-664	NB	HT	I-664_NB	I-664_NB_HT	10	19	62.5	114	63
I-664	SB	A	I-664_SB	I-664_SB_A	10	354	62.5	2124	63
I-664	SB	MT	I-664_SB	I-664_SB_MT	10	21	62.5	126	63
I-664	SB	HT	I-664_SB	I-664_SB_HT	10	20	62.5	120	63

Site Number	M58
Location:	Corner of 40th and Madison, Newport News
Date:	11/5/2015
Start Time:	13:12
Duration (min):	30

VALIDATION SOUND LEVEL

Time	Leq	Enter Y for Yes	
		Non-Traffic	Exclude
13:12	60.48		
13:13	62.92		
13:14	62.81		
13:15	62.29	y	
13:16	61.27		
13:17	60.06		
13:18	59.22		
13:19	58.83	y	
13:20	61.25		
13:21	59.09		
13:22	58.42		
13:23	61.46		
13:24	61.13		
13:25	61.24		
13:26	61.1		
13:27	59.82		
13:28	62.41	y	
13:29	62.49		
13:30	60.82		
13:31	60.69		
13:32	61.74		
13:33	61.09		
13:34	60.46		
13:35	62.53	y	
13:36	61.97		
13:37	63.42		
13:38	62.16		
13:39	61.24		
13:40	61.89		
13:41	61.23		
Traffic-only Leq:		61.3	
Overall Leq:		61.4	

TRAFFIC INPUT
Data Entry Table

Roadway	Direction	VehicleType	Total_Lookup	VehType_Lookup	Start_Time	Duration	Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	13:10		5	202
I-664	NB	MT	I-664_NB	I-664_NB_MT	13:10		5	20
I-664	NB	HT	I-664_NB	I-664_NB_HT	13:10		5	24
I-664	NB	A	I-664_NB	I-664_NB_A	13:22		5	126
I-664	NB	MT	I-664_NB	I-664_NB_MT	13:22		5	7
I-664	NB	HT	I-664_NB	I-664_NB_HT	13:22		5	9
I-664	SB	A	I-664_SB	I-664_SB_A	13:16		5	126
I-664	SB	MT	I-664_SB	I-664_SB_MT	13:16		5	10
I-664	SB	HT	I-664_SB	I-664_SB_HT	13:16		5	6
I-664	SB	A	I-664_SB	I-664_SB_A	14:13		5	160
I-664	SB	MT	I-664_SB	I-664_SB_MT	14:13		5	12
I-664	SB	HT	I-664_SB	I-664_SB_HT	14:13		5	14
		A	—	—_A				
		MT	—	—_MT				
		HT	—	—_HT				
			—	—				
			—	—				
			—	—				

TNM Input Table

Roadway	Direction	VehicleType	Lookup	Lookup	Total_Duration	Total_Type_Count	Avg_Speed	Hour_Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	10	328	60.5	1968	61
I-664	NB	MT	I-664_NB	I-664_NB_MT	10	27	60.5	162	61
I-664	NB	HT	I-664_NB	I-664_NB_HT	10	33	60.5	198	61
I-664	SB	A	I-664_SB	I-664_SB_A	10	286	60.5	1716	61
I-664	SB	MT	I-664_SB	I-664_SB_MT	10	22	60.5	132	61
I-664	SB	HT	I-664_SB	I-664_SB_HT	10	20	60.5	120	61

Site Number	M59
Location:	Between Marshall Ave and Orcutt Ave, Newport News
Date:	11/5/2015
Start Time:	14:56
Duration (min):	30

VALIDATION SOUND LEVEL

Time	Leq	Enter Y for Yes	
		Non-Traffic	Exclude
14:56	64.81		
14:57	64.43		
14:58	65.01		
14:59	64.31		
15:00	64.69		
15:01	65.6		
15:02	65.87	y	
15:03	64.29		
15:04	65.58		
15:05	65.31		
15:06	63.99		
15:07	66.04	y	
15:08	65.17		
15:09	64.74		
15:10	64.89		
15:11	65.36		
15:12	63.25		
15:13	65.64		
15:14	64.99		
15:15	64.69		
15:16	65.43		
15:17	66.57		
15:18	64.23		
15:19	66.25		
15:20	64.3		
15:21	64.39		
15:22	66.48	y	
15:23	66.51		
15:24	63.8	y	
15:25	64.06		
Traffic-only Leq:		65.0	
Overall Leq:		65.1	

TRAFFIC INPUT
Data Entry Table

Roadway	Direction	VehicleType	Total_Lookup	VehType_Lookup	Start_Time	Duration	Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	14:55		5	247
I-664	NB	MT	I-664_NB	I-664_NB_MT	14:55		5	7
I-664	NB	HT	I-664_NB	I-664_NB_HT	14:55		5	9
I-664	NB	A	I-664_NB	I-664_NB_A	14:01		5	345
I-664	NB	MT	I-664_NB	I-664_NB_MT	14:01		5	6
I-664	NB	HT	I-664_NB	I-664_NB_HT	14:01		5	13
I-664	SB	A	I-664_SB	I-664_SB_A	14:07		5	194
I-664	SB	MT	I-664_SB	I-664_SB_MT	14:07		5	8
I-664	SB	HT	I-664_SB	I-664_SB_HT	14:07		5	9
I-664	SB	A	I-664_SB	I-664_SB_A	14:13		5	214
I-664	SB	MT	I-664_SB	I-664_SB_MT	14:13		5	14
I-664	SB	HT	I-664_SB	I-664_SB_HT	14:13		5	10
		A	—	__A				
		MT	—	__MT				
		HT	—	__HT				
			—	—				
			—	—				
			—	—				

TNM Input Table

Roadway	Direction	VehicleType	Lookup	Lookup	Total_Duration	Total_Type_Count	Avg_Speed	Hour_Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	10	592	61	3552	61
I-664	NB	MT	I-664_NB	I-664_NB_MT	10	13	61	78	61
I-664	NB	HT	I-664_NB	I-664_NB_HT	10	22	61	132	61
I-664	SB	A	I-664_SB	I-664_SB_A	10	408	61	2448	61
I-664	SB	MT	I-664_SB	I-664_SB_MT	10	22	61	132	61
I-664	SB	HT	I-664_SB	I-664_SB_HT	10	19	61	114	61

Site Number	M60
Location:	1118 41st St, Newport News
Date:	11/20/2015
Start Time:	10:01
Duration (min):	30

VALIDATION SOUND LEVEL

Time	Leq	Enter Y for Yes	
		Non-Traffic	Exclude
10:01	56.2		
10:02	53.6		
10:03	56.0		
10:04	55.4		
10:05	55.1		
10:06	58.9	Y	
10:07	54.7		
10:08	55.9		
10:09	57.5		
10:10	58.0	Y	
10:11	57.1		
10:12	57.0		
10:13	58.3	Y	
10:14	58.6	Y	
10:15	63.1	Y	
10:16	58.9	Y	
10:17	56.6		
10:18	63.3	Y	
10:19	56.1		
10:20	56.7		
10:21	61.3	Y	
10:22	56.2		
10:23	60.5	Y	
10:24	60.0	Y	
10:25	57.2		
10:26	61.2	Y	
10:27	56.8		
10:28	56.7		
10:29	60.5	Y	
10:30	60.6	Y	
Traffic-only Leq:		56.3	
Overall Leq:		58.7	

TRAFFIC INPUT
Data Entry Table

Roadway	Direction	VehicleType	Total_Lookup	VehType_Lookup	Start_Time	Duration	Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A		10:01	5	125
I-664	NB	MT	I-664_NB	I-664_NB_MT			5	6
I-664	NB	HT	I-664_NB	I-664_NB_HT			5	9
I-664	SB	A	I-664_SB	I-664_SB_A		10:07	5	117
I-664	SB	MT	I-664_SB	I-664_SB_MT			5	5
I-664	SB	HT	I-664_SB	I-664_SB_HT			5	15
I-664	NB	A	I-664_NB	I-664_NB_A		10:13	5	154
I-664	NB	MT	I-664_NB	I-664_NB_MT			5	10
I-664	NB	HT	I-664_NB	I-664_NB_HT			5	15
I-664	SB	A	I-664_SB	I-664_SB_A		10:19	5	111
I-664	SB	MT	I-664_SB	I-664_SB_MT			5	8
I-664	SB	HT	I-664_SB	I-664_SB_HT			5	6
			—	—				
			—	—				
			—	—				
			—	—				
			—	—				
			—	—				

TNM Input Table

Roadway	Direction	VehicleType	Lookup	Lookup	Total_Duration	Total_Type_Count	Avg_Spec	Hour_Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	10	279	60	1674	60
I-664	NB	MT	I-664_NB	I-664_NB_MT	10	16	60	96	60
I-664	NB	HT	I-664_NB	I-664_NB_HT	10	24	60	144	60
I-664	SB	A	I-664_SB	I-664_SB_A	10	228	60	1368	60
I-664	SB	MT	I-664_SB	I-664_SB_MT	10	13	60	78	60
I-664	SB	HT	I-664_SB	I-664_SB_HT	10	21	60	126	60
			—	—	0	0	0	#DIV/0!	#DIV/0!
			—	—	0	0	0	#DIV/0!	#DIV/0!
			—	—	0	0	0	#DIV/0!	#DIV/0!

Site Number	M61
Location:	1124 39th St, Newport News
Date:	11/20/2015
Start Time:	10:46
Duration (min):	30

VALIDATION SOUND LEVEL

Time	Leq	Enter Y for Yes	
		Non-Traffic	Exclude
10:46	69.2		
10:47	70.6		
10:48	70.0		
10:49	68.7		
10:50	72.9		
10:51	71.5		
10:52	71.2		
10:53	73.2		
10:54	71.8		
10:55	73.2		
10:56	71.8		
10:57	74.0		
10:58	69.5		
10:59	70.6		
11:00	70.4		
11:01	71.9		
11:02	70.8		
11:03	72.0		
11:04	70.9		
11:05	72.8		
11:06	71.8		
11:07	70.2		
11:08	74.0		
11:09	71.3		
11:10	72.7		
11:11	70.9		
11:12	70.5		
11:13	73.2		
11:14	71.2		
11:15	71.6		
Traffic-only Leq:		71.7	
Overall Leq:		71.7	

TRAFFIC INPUT
Data Entry Table

Roadway	Direction	VehicleType	Total_Lookup	VehType_Lookup	Start_Time	Duration	Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A		10:45	5	147
I-664	NB	MT	I-664_NB	I-664_NB_MT			5	9
I-664	NB	HT	I-664_NB	I-664_NB_HT			5	8
I-664	SB	A	I-664_SB	I-664_SB_A		10:51	5	112
I-664	SB	MT	I-664_SB	I-664_SB_MT			5	7
I-664	SB	HT	I-664_SB	I-664_SB_HT			5	3
I-664	NB	A	I-664_NB	I-664_NB_A		10:57	5	202
I-664	NB	MT	I-664_NB	I-664_NB_MT			5	6
I-664	NB	HT	I-664_NB	I-664_NB_HT		11:03	5	22
I-664	SB	A	I-664_SB	I-664_SB_A			5	80
I-664	SB	MT	I-664_SB	I-664_SB_MT			5	6
I-664	SB	HT	I-664_SB	I-664_SB_HT			5	11
39th St		A	39th St_	39th St__A		10:46	30	212
39th St		MT	39th St_	39th St__MT		10:46	30	17
39th St		HT	39th St_	39th St__HT		10:46	30	24
			—	—				
			—	—				
			—	—				

TNM Input Table

Roadway	Direction	VehicleType	Lookup	Lookup	Total_Duration	Total_Type_Count	Avg_Spec	Hour_Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	10	349	62	2094	62
I-664	NB	MT	I-664_NB	I-664_NB_MT	10	15	62	90	62
I-664	NB	HT	I-664_NB	I-664_NB_HT	10	30	62	180	62
I-664	SB	A	I-664_SB	I-664_SB_A	10	192	62	1152	62
I-664	SB	MT	I-664_SB	I-664_SB_MT	10	13	62	78	62
I-664	SB	HT	I-664_SB	I-664_SB_HT	10	14	62	84	62
39th St		A	39th St_	39th St__A	30	212	33	424	33
39th St		MT	39th St_	39th St__MT	30	17	33	34	33
39th St		HT	39th St_	39th St__HT	30	24	33	48	33

Site Number	M62
Location:	2604 W Pembroke Ave, Newport News
Date:	11/4/2015
Start Time:	12:55
Duration (min):	30

VALIDATION SOUND LEVEL

Time	Leq	Enter Y for Yes	
		Non-Traffic	Exclude
12:55	65.82	y	
12:56	65.29		
12:57	65.58		
12:58	64.53		
12:59	65.58		
13:00	64.85		
13:01	67.51	y	
13:02	66.17		
13:03	66.43		
13:04	65.13		
13:05	65.83		
13:06	65.3		
13:07	66.13		
13:08	65.97		
13:09	66.37	y	
13:10	66.94	y	
13:11	65.02	y	
13:12	64.51	y	
13:13	65.94	y	
13:14	65.6	y	
13:15	66.24		
13:16	67.64		
13:17	65.46		
13:18	64.65		
13:19	66.29		
13:20	65.57		
13:21	64.74		
13:22	65.06		
13:23	65.44		
13:24	65.8		
Traffic-only Leq:		65.7	
Overall Leq:		65.8	

TRAFFIC INPUT
Data Entry Table

Roadway	Direction	VehicleType	Total_Lookup	VehType_Lookup	Start_Time	Duration	Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	12:55		5	131
I-664	NB	MT	I-664_NB	I-664_NB_MT	12:55		5	11
I-664	NB	HT	I-664_NB	I-664_NB_HT	12:55		5	9
I-664	NB	A	I-664_NB	I-664_NB_A	13:12		5	156
I-664	NB	MT	I-664_NB	I-664_NB_MT	13:12		5	15
I-664	NB	HT	I-664_NB	I-664_NB_HT	13:12		5	10
I-664	SB	A	I-664_SB	I-664_SB_A	13:05		5	131
I-664	SB	MT	I-664_SB	I-664_SB_MT	13:05		5	15
I-664	SB	HT	I-664_SB	I-664_SB_HT	13:05		5	13
I-664	SB	A	I-664_SB	I-664_SB_A	13:18		5	122
I-664	SB	MT	I-664_SB	I-664_SB_MT	13:18		5	12
I-664	SB	HT	I-664_SB	I-664_SB_HT	13:18		5	11
		A	—	—_A				
		MT	—	—_MT				
		HT	—	—_HT				
			—	—				
			—	—				
			—	—				

TNM Input Table

Roadway	Direction	VehicleType	Lookup	Lookup	Total_Duration	Total_Type_Count	Avg_Spec	Hour_Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	10	287	0	1722	0
I-664	NB	MT	I-664_NB	I-664_NB_MT	10	26	0	156	0
I-664	NB	HT	I-664_NB	I-664_NB_HT	10	19	0	114	0
I-664	SB	A	I-664_SB	I-664_SB_A	10	253	0	1518	0
I-664	SB	MT	I-664_SB	I-664_SB_MT	10	27	0	162	0
I-664	SB	HT	I-664_SB	I-664_SB_HT	10	24	0	144	0

Site Number	M63 Redo
Location:	730 Birch Ave, Hampton
Date:	11/20/2015
Start Time:	11:50
Duration (min):	30

VALIDATION SOUND LEVEL

Time	Leq	Enter Y for Yes	
		Non-Traffic	Exclude
11:50	73.8		
11:51	73.9		
11:52	73.6		
11:53	71.3		
11:54	73.0		
11:55	72.1		
11:56	73.0		
11:57	72.6	Y	
11:58	70.2		
11:59	74.3		
12:00	73.0		
12:01	71.0		
12:02	73.4		
12:03	70.7		
12:04	72.6		
12:05	71.5		
12:06	72.3		
12:07	73.8		
12:08	72.6		
12:09	74.9		
12:10	74.4		
12:11	71.2		
12:12	73.6		
12:13	74.3		
12:14	72.7		
12:15	74.3		
12:16	74.2		
12:17	72.8		
12:18	74.1		
12:19	74.5		
Traffic-only Leq:		73.2	
Overall Leq:		73.2	

TRAFFIC INPUT
Data Entry Table

Site Number M63 Redo

Roadway	Direction	VehicleType	Total_Lookup	VehType_Lookup	Start_Time	Duration	Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	11:50		5	174
I-664	NB	MT	I-664_NB	I-664_NB_MT	11:50		5	8
I-664	NB	HT	I-664_NB	I-664_NB_HT	11:50		5	9
I-664	SB	A	I-664_SB	I-664_SB_A	11:56		5	130
I-664	SB	MT	I-664_SB	I-664_SB_MT			5	8
I-664	SB	HT	I-664_SB	I-664_SB_HT			5	7
I-664	NB	A	I-664_NB	I-664_NB_A	12:02		5	162
I-664	NB	MT	I-664_NB	I-664_NB_MT			5	2
I-664	NB	HT	I-664_NB	I-664_NB_HT			5	10
I-664	SB	A	I-664_SB	I-664_SB_A	12:08		5	180
I-664	SB	MT	I-664_SB	I-664_SB_MT			5	10
I-664	SB	HT	I-664_SB	I-664_SB_HT			5	9
		A	—	__A				
		MT	—	__MT				
		HT	—	__HT				
			—	—				
			—	—				
			—	—				

TNM Input Table

Roadway	Direction	VehicleType	Lookup	Lookup	Total_Duration	Total_Type_Count	Avg_Speed	Hour_Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	10	336	60	2016	60
I-664	NB	MT	I-664_NB	I-664_NB_MT	10	10	60	60	60
I-664	NB	HT	I-664_NB	I-664_NB_HT	10	19	60	114	60
I-664	SB	A	I-664_SB	I-664_SB_A	10	310	60	1860	60
I-664	SB	MT	I-664_SB	I-664_SB_MT	10	18	60	108	60
I-664	SB	HT	I-664_SB	I-664_SB_HT	10	16	60	96	60
			—	—	0	0	0	#DIV/0!	#DIV/0!
			—	—	0	0	0	#DIV/0!	#DIV/0!
			—	—	0	0	0	#DIV/0!	#DIV/0!

Site Number	M64
Location:	309 Ward Drive, Hampton
Date:	11/3/2015
Start Time:	14:55
Duration (min):	30

VALIDATION SOUND LEVEL

Time	Leq	Enter Y for Yes	
		Non-Traffic	Exclude
14:55	60.7		
14:56	60.06		
14:57	59.04		
14:58	59.99		
14:59	59.5		
15:00	59.11		
15:01	59.89		
15:02	59.03		
15:03	59.57		
15:04	59.25		
15:05	60.71		
15:06	60.65		
15:07	60.24		
15:08	60.25		
15:09	60.13		
15:10	59.99		
15:11	60.96		
15:12	59.85		
15:13	60.69		
15:14	59.89		
15:15	61.35		
15:16	59.85		
15:17	60.16		
15:18	60.06		
15:19	59.35		
15:20	59.7		
15:21	59.55		
15:22	59.82		
15:23	59.35		
15:24	60.89		
Traffic-only Leq:		60.0	
Overall Leq:		60.0	

TRAFFIC INPUT
Data Entry Table

Site Number M64

Roadway	Direction	VehicleType	Total_Lookup	VehType_Lookup	Start_Time	Duration	Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	14:55		5	188
I-664	NB	MT	I-664_NB	I-664_NB_MT	14:55		5	12
I-664	NB	HT	I-664_NB	I-664_NB_HT	14:55		5	11
I-664	NB	A	I-664_NB	I-664_NB_A	15:14		5	185
I-664	NB	MT	I-664_NB	I-664_NB_MT	15:14		5	6
I-664	NB	HT	I-664_NB	I-664_NB_HT	15:14		5	8
I-664	SB	A	I-664_SB	I-664_SB_A	15:05		5	174
I-664	SB	MT	I-664_SB	I-664_SB_MT	15:05		5	9
I-664	SB	HT	I-664_SB	I-664_SB_HT	15:05		5	6
I-664	SB	A	I-664_SB	I-664_SB_A	15:22		5	179
I-664	SB	MT	I-664_SB	I-664_SB_MT	15:22		5	11
I-664	SB	HT	I-664_SB	I-664_SB_HT	15:22		5	12
Ramp	NB	A	Ramp_NB	Ramp_NB_A	14:55		5	12
Ramp	NB	MT	Ramp_NB	Ramp_NB_MT	14:55		5	1
Ramp	NB	HT	Ramp_NB	Ramp_NB_HT	14:55		5	1
Ramp	NB	A	Ramp_NB	Ramp_NB_A	15:14		5	17
Ramp	NB	MT	Ramp_NB	Ramp_NB_MT	15:14		5	0
Ramp	NB	HT	Ramp_NB	Ramp_NB_HT	15:14		5	0
Ramp	SB	A	Ramp_SB	Ramp_SB_A	15:05		5	10
Ramp	SB	MT	Ramp_SB	Ramp_SB_MT	15:05		5	0
Ramp	SB	HT	Ramp_SB	Ramp_SB_HT	15:05		5	0
Ramp	SB	A	Ramp_SB	Ramp_SB_A	15:22		5	3
Ramp	SB	MT	Ramp_SB	Ramp_SB_MT	15:22		5	0
Ramp	SB	HT	Ramp_SB	Ramp_SB_HT	15:22		5	0

TNM Input Table

Roadway	Direction	VehicleType	Lookup	Lookup	Total_Duration	Total_Type_Count	Avg_Spec	Hour_Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	10	373	64	2238	64
I-664	NB	MT	I-664_NB	I-664_NB_MT	10	18	64	108	64
I-664	NB	HT	I-664_NB	I-664_NB_HT	10	19	64	114	64
I-664	SB	A	I-664_SB	I-664_SB_A	10	353	65	2118	65
I-664	SB	MT	I-664_SB	I-664_SB_MT	10	20	65	120	65
I-664	SB	HT	I-664_SB	I-664_SB_HT	10	18	65	108	65
Ramp	NB	A	Ramp_NB	Ramp_NB_A	10	29	45	174	45
Ramp	NB	MT	Ramp_NB	Ramp_NB_MT	10	1	45	6	45
Ramp	NB	HT	Ramp_NB	Ramp_NB_HT	10	1	45	6	45
Ramp	SB	A	Ramp_SB	Ramp_SB_A	10	13	45	78	45
Ramp	SB	MT	Ramp_SB	Ramp_SB_MT	10	0	45	0	0
Ramp	SB	HT	Ramp_SB	Ramp_SB_HT	10	0	45	0	0

Site Number	M65
Location:	228 Prince James Drive, Hampton
Date:	11/3/2015
Start Time:	16:15
Duration (min):	30

VALIDATION SOUND LEVEL

Time	Leq	Enter Y for Yes	
		Non-Traffic	Exclude
16:15	58.09		
16:16	58.23		
16:17	58.62		
16:18	60.6	y	y
16:19	60.15	y	y
16:20	59.65	y	
16:21	59.62		
16:22	58.77		
16:23	59.46		
16:24	57.36		
16:25	58.85		
16:26	58.72		
16:27	59.49		
16:28	58.27		
16:29	59.87	y	
16:30	60.45	y	
16:31	59.74	y	
16:32	59.82	y	
16:33	59.85		
16:34	62.08	y	
16:35	59.67	y	
16:36	61.27	y	
16:37	59.5	y	
16:38	59.6		
16:39	59.56		
16:40	59.85		
16:41	59.32	y	
16:42	60.27	y	
16:43	60.67		
16:44	58.96	y	
Traffic-only Leq:		59.1	
Overall Leq:		59.6	

TRAFFIC INPUT
Data Entry Table

Site Number M65

Roadway	Direction	VehicleType	Total_Lookup	VehType_Lookup	Start_Time	Duration	Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	16:15		5	351
I-664	NB	MT	I-664_NB	I-664_NB_MT	16:15		5	8
I-664	NB	HT	I-664_NB	I-664_NB_HT	16:15		5	3
I-664	NB	A	I-664_NB	I-664_NB_A	16:31		5	310
I-664	NB	MT	I-664_NB	I-664_NB_MT	16:31		5	8
I-664	NB	HT	I-664_NB	I-664_NB_HT	16:31		5	2
I-664	SB	A	I-664_SB	I-664_SB_A	16:23		5	172
I-664	SB	MT	I-664_SB	I-664_SB_MT	16:23		5	7
I-664	SB	HT	I-664_SB	I-664_SB_HT	16:23		5	6
I-664	SB	A	I-664_SB	I-664_SB_A	16:40		5	205
I-664	SB	MT	I-664_SB	I-664_SB_MT	16:40		5	7
I-664	SB	HT	I-664_SB	I-664_SB_HT	16:40		5	5
Ramp	NB	A	Ramp_NB	Ramp_NB_A	16:15		5	12
Ramp	NB	MT	Ramp_NB	Ramp_NB_MT	16:15		5	1
Ramp	NB	HT	Ramp_NB	Ramp_NB_HT	16:15		5	0
Ramp	NB	A	Ramp_NB	Ramp_NB_A	16:31		5	13
Ramp	NB	MT	Ramp_NB	Ramp_NB_MT	16:31		5	0
Ramp	NB	HT	Ramp_NB	Ramp_NB_HT	16:31		5	0
Ramp	SB	A	Ramp_SB	Ramp_SB_A	16:23		5	35
Ramp	SB	MT	Ramp_SB	Ramp_SB_MT	16:23		5	7
Ramp	SB	HT	Ramp_SB	Ramp_SB_HT	16:23		5	0
Ramp	SB	A	Ramp_SB	Ramp_SB_A	16:40		5	31
Ramp	SB	MT	Ramp_SB	Ramp_SB_MT	16:40		5	0
Ramp	SB	HT	Ramp_SB	Ramp_SB_HT	16:40		5	0

TNM Input Table

Roadway	Direction	VehicleType	Lookup	Lookup	Total_Duration	Total_Type_Count	Avg_Speed	Hour_Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	10	661	64.5	3966	65
I-664	NB	MT	I-664_NB	I-664_NB_MT	10	16	64.5	96	65
I-664	NB	HT	I-664_NB	I-664_NB_HT	10	5	64.5	30	65
I-664	SB	A	I-664_SB	I-664_SB_A	10	377	67	2262	67
I-664	SB	MT	I-664_SB	I-664_SB_MT	10	14	67	84	67
I-664	SB	HT	I-664_SB	I-664_SB_HT	10	11	67	66	67
Ramp	NB	A	Ramp_NB	Ramp_NB_A	10	25	45	150	45
Ramp	NB	MT	Ramp_NB	Ramp_NB_MT	10	1	45	6	45
Ramp	NB	HT	Ramp_NB	Ramp_NB_HT	10	0	45	0	0
Ramp	SB	A	Ramp_SB	Ramp_SB_A	10	66	45	396	45
Ramp	SB	MT	Ramp_SB	Ramp_SB_MT	10	7	45	42	45
Ramp	SB	HT	Ramp_SB	Ramp_SB_HT	10	0	45	0	0

Site Number	M66
Location:	Backyard of #5 Dundee Road, Hampton
Date:	11/3/2015
Start Time:	11:35
Duration (min):	30

VALIDATION SOUND LEVEL

Time	Leq	Enter Y for Yes	
		Non-Traffic	Exclude
11:35	65.2		
11:36	66.53		
11:37	64.9		
11:38	65.69		
11:39	65.43		
11:40	64.8		
11:41	66.32		
11:42	66.8		
11:43	65.92		
11:44	66.87		
11:45	64.06		
11:46	68.22	y	
11:47	67.18		
11:48	67.16	y	
11:49	65.99		
11:50	66.81		
11:51	65.99		
11:52	66.02		
11:53	66.38		
11:54	66.72		
11:55	65.92		
11:56	64.77		
11:57	65.67		
11:58	65.92		
11:59	64.55		
12:00	67.39		
12:01	66.45		
12:02	65.63		
12:03	66.46		
12:04	65.11		
Traffic-only Leq:			66.0
Overall Leq:			66.1

TRAFFIC INPUT
Data Entry Table

Roadway	Direction	VehicleType	Total_Lookup	VehType_Lookup	Start_Time	Duration	Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	11:35		5	143
I-664	NB	MT	I-664_NB	I-664_NB_MT	11:35		5	8
I-664	NB	HT	I-664_NB	I-664_NB_HT	11:35		5	4
I-664	NB	A	I-664_NB	I-664_NB_A	11:52		5	141
I-664	NB	MT	I-664_NB	I-664_NB_MT	11:52		5	12
I-664	NB	HT	I-664_NB	I-664_NB_HT	11:52		5	7
I-664	SB	A	I-664_SB	I-664_SB_A	11:45		5	128
I-664	SB	MT	I-664_SB	I-664_SB_MT	11:45		5	6
I-664	SB	HT	I-664_SB	I-664_SB_HT	11:45		5	9
I-664	SB	A	I-664_SB	I-664_SB_A	12:00		5	162
I-664	SB	MT	I-664_SB	I-664_SB_MT	12:00		5	8
I-664	SB	HT	I-664_SB	I-664_SB_HT	12:00		5	12
		A	—	—_A				
		MT	—	—_MT				
		HT	—	—_HT				
			—	—				
			—	—				
			—	—				

TNM Input Table

Roadway	Direction	VehicleType	Lookup	Lookup	Total_Duration	Total_Type_Count	Avg_Speed	Hour_Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	10	284	67	1704	67
I-664	NB	MT	I-664_NB	I-664_NB_MT	10	20	67	120	67
I-664	NB	HT	I-664_NB	I-664_NB_HT	10	11	67	66	67
I-664	SB	A	I-664_SB	I-664_SB_A	10	290	67	1740	67
I-664	SB	MT	I-664_SB	I-664_SB_MT	10	14	67	84	67
I-664	SB	HT	I-664_SB	I-664_SB_HT	10	21	67	126	67

Site Number	M67
Location:	Hampton High School (Batting Cages), Hampton
Date:	11/3/2015
Start Time:	13:15
Duration (min):	30

VALIDATION SOUND LEVEL

Time	Leq	Enter Y for Yes	
		Non-Traffic	Exclude
13:15	60.92		
13:16	59.94		
13:17	60.45		
13:18	61.17		
13:19	61.13		
13:20	62.5		
13:21	61.85		
13:22	60.78		
13:23	60.32		
13:24	61.48		
13:25	62.25		
13:26	61.13		
13:27	60.67		
13:28	61.6		
13:29	60.72		
13:30	60.49		
13:31	60.9		
13:32	61.41		
13:33	60.55		
13:34	61.41		
13:35	61.49		
13:36	60.37		
13:37	61.94		
13:38	63.45	y	
13:39	62.49		
13:40	60.35		
13:41	61.02		
13:42	61.52		
13:43	61.78		
13:44	60.43		
Traffic-only Leq:		61.2	
Overall Leq:		61.3	

TRAFFIC INPUT
Data Entry Table

Roadway	Direction	VehicleType	Total_Lookup	VehType_Lookup	Start_Time	Duration	Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	13:15		5	174
I-664	NB	MT	I-664_NB	I-664_NB_MT	13:15		5	7
I-664	NB	HT	I-664_NB	I-664_NB_HT	13:15		5	4
I-664	NB	A	I-664_NB	I-664_NB_A	13:32		5	177
I-664	NB	MT	I-664_NB	I-664_NB_MT	13:32		5	8
I-664	NB	HT	I-664_NB	I-664_NB_HT	13:32		5	7
I-664	SB	A	I-664_SB	I-664_SB_A	13:22		5	153
I-664	SB	MT	I-664_SB	I-664_SB_MT	13:22		5	14
I-664	SB	HT	I-664_SB	I-664_SB_HT	13:22		5	14
I-664	SB	A	I-664_SB	I-664_SB_A	13:40		5	172
I-664	SB	MT	I-664_SB	I-664_SB_MT	13:40		5	10
I-664	SB	HT	I-664_SB	I-664_SB_HT	13:40		5	6
		A	—	__A				
		MT	—	__MT				
		HT	—	__HT				
			—	—				
			—	—				
			—	—				

TNM Input Table

Roadway	Direction	VehicleType	Lookup	Lookup	Total_Duration	Total_Type_Count	Avg_Speed	Hour_Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	10	351	64.5	2106	65
I-664	NB	MT	I-664_NB	I-664_NB_MT	10	15	64.5	90	65
I-664	NB	HT	I-664_NB	I-664_NB_HT	10	11	64.5	66	65
I-664	SB	A	I-664_SB	I-664_SB_A	10	325	64.5	1950	65
I-664	SB	MT	I-664_SB	I-664_SB_MT	10	24	64.5	144	65
I-664	SB	HT	I-664_SB	I-664_SB_HT	10	20	64.5	120	65

Site Number	M68
Location:	West End of Braemar Drive, Hampton
Date:	11/3/2015
Start Time:	10:25
Duration (min):	30

VALIDATION SOUND LEVEL

Time	Leq	Enter Y for Yes	
		Non-Traffic	Exclude
10:25	65.6		
10:26	64.52		
10:27	64.37		
10:28	65.06		
10:29	64.83		
10:30	65.74		
10:31	64.48		
10:32	65.56		
10:33	65.62		
10:34	65.82		
10:35	66.36		
10:36	66.09		
10:37	65.5		
10:38	65.57		
10:39	65.89		
10:40	65.1		
10:41	66.31		
10:42	64.67		
10:43	65.03		
10:44	65.32	y	
10:45	64.13		
10:46	65.67		
10:47	66.52		
10:48	65.1		
10:49	65.9		
10:50	66.5		
10:51	64.83		
10:52	66.9		
10:53	66.06	y	
10:54	64.99		
Traffic-only Leq:		65.5	
Overall Leq:		65.5	

TRAFFIC INPUT
Data Entry Table

Roadway	Direction	VehicleType	Total_Lookup	VehType_Lookup	Start_Time	Duration	Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	10:25		5	107
I-664	NB	MT	I-664_NB	I-664_NB_MT	10:25		5	8
I-664	NB	HT	I-664_NB	I-664_NB_HT	10:25		5	12
I-664	NB	A	I-664_NB	I-664_NB_A	10:58		5	129
I-664	NB	MT	I-664_NB	I-664_NB_MT	10:58		5	12
I-664	NB	HT	I-664_NB	I-664_NB_HT	10:58		5	11
I-664	SB	A	I-664_SB	I-664_SB_A	10:33		5	129
I-664	SB	MT	I-664_SB	I-664_SB_MT	10:33		5	7
I-664	SB	HT	I-664_SB	I-664_SB_HT	10:33		5	13
I-664	SB	A	I-664_SB	I-664_SB_A	11:05		5	140
I-664	SB	MT	I-664_SB	I-664_SB_MT	11:05		5	14
I-664	SB	HT	I-664_SB	I-664_SB_HT	11:05		5	12
		A	—	—_A				
		MT	—	—_MT				
		HT	—	—_HT				
			—	—				
			—	—				
			—	—				
			—	—				

TNM Input Table

Roadway	Direction	VehicleType	Lookup	Lookup	Total_Duration	Total_Type_Count	Avg_Speed	Hour_Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	10	236	65.5	1416	66
I-664	NB	MT	I-664_NB	I-664_NB_MT	10	20	65.5	120	66
I-664	NB	HT	I-664_NB	I-664_NB_HT	10	23	65.5	138	66
I-664	SB	A	I-664_SB	I-664_SB_A	10	269	65	1614	65
I-664	SB	MT	I-664_SB	I-664_SB_MT	10	21	65	126	65
I-664	SB	HT	I-664_SB	I-664_SB_HT	10	25	65	150	65

Site Number	M69
Location:	52 Allison Sutton Drive, Hampton
Date:	11/3/2015
Start Time:	8:55
Duration (min):	30

VALIDATION SOUND LEVEL

Time	Leq	Enter Y for Yes	
		Non-Traffic	Exclude
8:55	66.67		
8:56	65.48		
8:57	67.92	y	
8:58	67.56	y	
8:59	66.27		
9:00	66.81	y	
9:01	67.27	y	
9:02	67.02		
9:03	65.89		
9:04	67.88		
9:05	67.31		
9:06	65.1		
9:07	66.31		
9:08	66.27		
9:09	66.77		
9:10	65.43		
9:11	65.92		
9:12	66.29		
9:13	66.72		
9:14	67.39	y	
9:15	66.06	y	
9:16	64.06		
9:17	63.92		
9:18	66.02		
9:19	67.96		
9:20	67.01		
9:21	66.49		
9:22	65.11		
9:23	66.92		
9:24	66.37		
Traffic-only Leq:		66.3	
Overall Leq:		66.5	

TRAFFIC INPUT
Data Entry Table

Roadway	Direction	VehicleType	Total_Lookup	VehType_Lookup	Start_Time	Duration	Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	8:55		5	124
I-664	NB	MT	I-664_NB	I-664_NB_MT	8:55		5	6
I-664	NB	HT	I-664_NB	I-664_NB_HT	8:55		5	13
I-664	NB	A	I-664_NB	I-664_NB_A	9:13		5	117
I-664	NB	MT	I-664_NB	I-664_NB_MT	9:13		5	7
I-664	NB	HT	I-664_NB	I-664_NB_HT	9:13		5	11
I-664	SB	A	I-664_SB	I-664_SB_A	9:05		5	131
I-664	SB	MT	I-664_SB	I-664_SB_MT	9:05		5	11
I-664	SB	HT	I-664_SB	I-664_SB_HT	9:05		5	6
I-664	SB	A	I-664_SB	I-664_SB_A	9:20		5	126
I-664	SB	MT	I-664_SB	I-664_SB_MT	9:20		5	11
I-664	SB	HT	I-664_SB	I-664_SB_HT	9:20		5	16
		A	—	—_A				
		MT	—	—_MT				
		HT	—	—_HT				
			—	—				
			—	—				
			—	—				

TNM Input Table

Roadway	Direction	VehicleType	Lookup	Lookup	Total_Duration	Total_Type_Count	Avg_Spec	Hour_Count	Speed
I-664	NB	A	I-664_NB	I-664_NB_A	10	241	64	1446	64
I-664	NB	MT	I-664_NB	I-664_NB_MT	10	13	64	78	64
I-664	NB	HT	I-664_NB	I-664_NB_HT	10	24	64	144	64
I-664	SB	A	I-664_SB	I-664_SB_A	10	257	65.5	1542	66
I-664	SB	MT	I-664_SB	I-664_SB_MT	10	22	65.5	132	66
I-664	SB	HT	I-664_SB	I-664_SB_HT	10	22	65.5	132	66

APPENDIX E:
RESPONSE FROM VDOT PROJECT MANAGEMENT ON
ALTERNATIVE NOISE ABATEMENT MEASURES

HMMH

77 South Bedford Street
Burlington, Massachusetts 01803
781.229.0707
www.hmmh.com

MEMORANDUM

To: Scott Smizik, Project Manager, Environmental Contact, VDOT
From: Christopher Menge, Noise Abatement Engineer
Subject: UPC 106724, Hampton Roads Crossing Study, Supplemental EIS
Virginia HB 2577 form
Reference: HMMH No. 305780.001
Date: April 6, 2016



The 2009 General Assembly passed Chapter 120 (HB 2577), which amends the Code of Virginia by adding in Article 15 of Chapter 1 of Title 33.1 a section numbered 33.1-223.2:21, relating to highway noise abatement.

House Bill 2577 States: Requires that whenever the CTB or the Department plan for or undertake any highway construction or improvement project and such project includes or may include the requirement for the mitigation of traffic noise impacts, consideration *should* be given to the use of noise reducing design and low noise pavement materials and techniques in lieu of construction of noise walls or sound barriers. Landscaping in such a design would be utilized to act as a visual screen if visual screening is required.

In an effort to honor the intent of HB 2577 we are asking for your input (per [Chapter VI of Materials Division's Manual of Instruction](#) and [Section 2B-3 Determination of Roadway Design](#) of the VDOT Road Design manual (pages 2B-5 and 2B-6)). As part of the Noise Technical Report and technical files, we are seeking your professional opinion by providing comments for the project noted above. Please distribute this memorandum to the appropriate District staff and combine all responses into one response.

Should you have any questions, please contact me at (781) 229-0707 x3153, Jim Ponticello at (804) 371-6768 or Joshua Kozlowski at (804) 371-6829. Thank you for your time and consideration regarding this request.

Comment: Is noise reducing design feasible in lieu of construction of noise walls or sound barriers? For example, the roadway alignment can be shifted away from noise sensitive receptors or the roadway can be placed in deep cut (Location & Design to address)

Response: [The Supplemental Environmental Impact Statement \(SEIS\) is based on improvements that would occur along existing Interstate 64, Interstate 664, Interstate 564, and VA Route 164. Proposed alignments on new location tie into these roadways at specific locations. As such, roadway alignments are not being developed in order to make the determination if shifting the alignments is feasible. This can be examined during final design once a preferred alternative is selected and more information is available.](#)

Comment: Can the project support the use of low noise pavement in lieu of construction of noise walls or sound barriers? (Materials Division to address)

Response: [The SEIS does not prescribe specific construction materials or methods as a means of reducing impacts. In addition, the Virginia Department of Transportation is not authorized by the Federal Highway Administration to use "quiet pavement" at this time as a form of noise mitigation. Upon completion of the Quiet Pavement Pilot Program and approval from FHWA, the use of "quiet pavement" will be given additional consideration.](#)

Comment: Can landscaping be utilized to act as a visual screen if visual screening is required? (Location & Design to address)

Response: [The SEIS does not prescribe specific construction materials or methods as a means of reducing impacts. This can be examined during final design once a preferred alternative is chosen and more information is available.](#)

Note: Please provide the name of each responder.

Scott Smizik

APPENDIX F:
WARRANTED, FEASIBLE, AND REASONABLE WORKSHEETS

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**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	13-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Hampton
District:	Hampton Roads
Barrier System ID:	AC-P
Community Name and/or CNE#	AC
Noise Abatement Category(s)	B and D
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	32
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	32
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	98,608 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	32
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	21
d. Total number of benefited receptors.	53
e. Surface Area per benefited receptor unit. (ft ² /BR)	1,861 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	No
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	5,477 ft
b. Height range of the proposed noise barrier. (ft)	15 to 20 ft
c. Average height of the proposed noise barrier. (ft)	18 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$3,056,848
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	No
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	13-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Hampton
District:	Hampton Roads
Barrier System ID:	AD-P
Community Name and/or CNE#	AD
Noise Abatement Category(s)	B
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	9
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	9
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	33,424 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	9
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	9
d. Total number of benefited receptors.	18
e. Surface Area per benefited receptor unit. (ft ² /BR)	1,857 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	No
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	2,228 ft
b. Height range of the proposed noise barrier. (ft)	15 to 15 ft
c. Average height of the proposed noise barrier. (ft)	15 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$1,036,144
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	No
Additional Reasons for Decision:	

VDOT Highway Traffic Noise Abatement Warranted, Feasible, and Reasonable Worksheet	
Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.	
Date:	16-Jun-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Hampton
District:	Hampton Roads
Barrier System ID:	AE-P
Community Name and/or CNE#	AE
Noise Abatement Category(s)	C
Design phase:	Preliminary design

Warranted	
1 Community Documentation (if applicable)	
a. Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b. Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c. Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2 Criteria requiring consideration of noise abatement	
a. Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b. Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility	
1 Impacted receptor units	
a. Number of impacted receptor units:	2
b. Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	2
c. Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d. Is the percentage 50 or greater?	Yes
2 Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3 Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4 Will placement of the noise barrier conflict with existing utility locations?	NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	13,260 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	2
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	0
d. Total number of benefited receptors.	2
e. Surface Area per benefited receptor unit. (ft ² /BR)	6,630 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	No
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	1,018 ft
b. Height range of the proposed noise barrier. (ft)	10 to 15 ft
c. Average height of the proposed noise barrier. (ft)	12 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$411,060
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	No
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	13-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Hampton
District:	Hampton Roads
Barrier System ID:	AF/AG-P
Community Name and/or CNE#	AF and AG
Noise Abatement Category(s)	B and D
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	32
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	29
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	91%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	58,467 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	29
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	8
d. Total number of benefited receptors.	37
e. Surface Area per benefited receptor unit. (ft ² /BR)	1,580 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	2,964 ft
b. Height range of the proposed noise barrier. (ft)	15 to 20 ft
c. Average height of the proposed noise barrier. (ft)	20 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$1,812,477
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	13-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Hampton
District:	Hampton Roads
Barrier System ID:	AH/AI-R/P
Community Name and/or CNE#	AH and AI
Noise Abatement Category(s)	B, C, and E
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	NA
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	47
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	40
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	85%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	NA
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	77,116 SF
b. Surface Area of the existing barrier that will be removed (ft ²)	19,406 SF
c. Additional (Net) Surface Area of the Replacement Barrier (ft ²)	57,710 SF
d. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	40
e. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	105
f. Total number of benefited receptors.	145
g. Net Surface Area per benefited receptor unit. (ft ² /BR)	398 SF/BR
h. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
i. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
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2 Additional Details of Total Proposed Noise Barrier	
a. Total length of the proposed noise barrier. (ft)	5,166 ft
b. Height range of the proposed noise barrier. (ft)	15 to 15 ft
c. Average height of the proposed noise barrier. (ft)	15 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$2,390,596
f. Barrier Material	NA
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3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	
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Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	
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**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	30-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Hampton
District:	Hampton Roads
Barrier System ID:	AJ/AM-P
Community Name and/or CNE#	AJ and AM
Noise Abatement Category(s)	B and C
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	43
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	43
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	86,202 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	43
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	54
d. Total number of benefited receptors.	97
e. Surface Area per benefited receptor unit. (ft ² /BR)	889 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	4,369 ft
b. Height range of the proposed noise barrier. (ft)	15 to 25 ft
c. Average height of the proposed noise barrier. (ft)	20 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$2,672,262
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	13-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Hampton
District:	Hampton Roads
Barrier System ID:	AN/AO-P
Community Name and/or CNE#	AN and AO
Noise Abatement Category(s)	B and C
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	46
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	46
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	58,821 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	46
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	32
d. Total number of benefited receptors.	78
e. Surface Area per benefited receptor unit. (ft ² /BR)	754 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	4,662 ft
b. Height range of the proposed noise barrier. (ft)	10 to 15 ft
c. Average height of the proposed noise barrier. (ft)	13 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$1,823,451
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	13-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Hampton
District:	Hampton Roads
Barrier System ID:	AQ/AR-P
Community Name and/or CNE#	AQ and AR
Noise Abatement Category(s)	B and C
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	10
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	10
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	36,153 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	10
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	3
d. Total number of benefited receptors.	13
e. Surface Area per benefited receptor unit. (ft ² /BR)	2,781 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	No
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	1,808 ft
b. Height range of the proposed noise barrier. (ft)	20 to 20 ft
c. Average height of the proposed noise barrier. (ft)	20 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$1,120,743
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	No
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	13-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Hampton
District:	Hampton Roads
Barrier System ID:	AT/AU-P
Community Name and/or CNE#	AT and AU
Noise Abatement Category(s)	B and C
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	16
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	16
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	38,833 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	16
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	40
d. Total number of benefited receptors.	56
e. Surface Area per benefited receptor unit. (ft ² /BR)	693 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	2,589 ft
b. Height range of the proposed noise barrier. (ft)	15 to 15 ft
c. Average height of the proposed noise barrier. (ft)	15 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$1,203,823
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	13-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Hampton
District:	Hampton Roads
Barrier System ID:	AW-P
Community Name and/or CNE#	AW
Noise Abatement Category(s)	B
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	2
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	2
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	29,088 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	2
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	3
d. Total number of benefited receptors.	5
e. Surface Area per benefited receptor unit. (ft ² /BR)	5,818 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	No
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	1,013 ft
b. Height range of the proposed noise barrier. (ft)	25 to 30 ft
c. Average height of the proposed noise barrier. (ft)	29 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$901,728
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	No
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	12-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Norfolk
District:	Hampton Roads
Barrier System ID:	AZ/BA-P
Community Name and/or CNE#	AZ and BA
Noise Abatement Category(s)	B and C
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	63
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	56
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	89%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	126,626 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	56
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	24
d. Total number of benefited receptors.	80
e. Surface Area per benefited receptor unit. (ft ² /BR)	1,583 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	4,222 ft
b. Height range of the proposed noise barrier. (ft)	30 to 30 ft
c. Average height of the proposed noise barrier. (ft)	30 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$3,925,406
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	12-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Norfolk
District:	Hampton Roads
Barrier System ID:	BB/BC-P
Community Name and/or CNE#	BB and BC
Noise Abatement Category(s)	B and C
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	67
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	67
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	60,026 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	67
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	46
d. Total number of benefited receptors.	113
e. Surface Area per benefited receptor unit. (ft ² /BR)	531 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	2,401 ft
b. Height range of the proposed noise barrier. (ft)	25 to 25 ft
c. Average height of the proposed noise barrier. (ft)	25 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$1,860,806
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	12-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Norfolk
District:	Hampton Roads
Barrier System ID:	BD/BE/BF/BG-P
Community Name and/or CNE#	BD, BE, BF and BG
Noise Abatement Category(s)	B and C
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	273
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	268
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	98%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	189,118 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	268
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	335
d. Total number of benefited receptors.	603
e. Surface Area per benefited receptor unit. (ft ² /BR)	314 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	9,458 ft
b. Height range of the proposed noise barrier. (ft)	20 to 20 ft
c. Average height of the proposed noise barrier. (ft)	20 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$5,862,658
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	

VDOT Highway Traffic Noise Abatement Warranted, Feasible, and Reasonable Worksheet	
Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.	
Date:	2-Jun-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Norfolk
District:	Hampton Roads
Barrier System ID:	BI/BJ-P
Community Name and/or CNE#	BI and BJ
Noise Abatement Category(s)	B
Design phase:	Preliminary design

Warranted	
1 Community Documentation (if applicable)	
a. Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b. Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c. Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2 Criteria requiring consideration of noise abatement	
a. Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b. Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility	
1 Impacted receptor units	
a. Number of impacted receptor units:	76
b. Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	76
c. Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d. Is the percentage 50 or greater?	Yes
2 Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3 Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4 Will placement of the noise barrier conflict with existing utility locations?	NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	85,248 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	76
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	50
d. Total number of benefited receptors.	126
e. Surface Area per benefited receptor unit. (ft ² /BR)	677 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	3,438 ft
b. Height range of the proposed noise barrier. (ft)	20 to 25 ft
c. Average height of the proposed noise barrier. (ft)	25 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$2,642,688
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	12-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Norfolk
District:	Hampton Roads
Barrier System ID:	BK-P
Community Name and/or CNE#	BK
Noise Abatement Category(s)	B
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	35
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	35
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	29,225 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	35
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	136
d. Total number of benefited receptors.	171
e. Surface Area per benefited receptor unit. (ft ² /BR)	171 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	1,807 ft
b. Height range of the proposed noise barrier. (ft)	15 to 20 ft
c. Average height of the proposed noise barrier. (ft)	17 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$905,975
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	12-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Norfolk
District:	Hampton Roads
Barrier System ID:	BN/BO-P
Community Name and/or CNE#	BN and BO
Noise Abatement Category(s)	B
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	25
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	25
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	37,288 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	25
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	76
d. Total number of benefited receptors.	101
e. Surface Area per benefited receptor unit. (ft ² /BR)	369 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	2,487 ft
b. Height range of the proposed noise barrier. (ft)	15 to 15 ft
c. Average height of the proposed noise barrier. (ft)	15 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$1,155,928
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	
Connects to an existing noise barrier	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	12-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Norfolk
District:	Hampton Roads
Barrier System ID:	BQ-P
Community Name and/or CNE#	BQ
Noise Abatement Category(s)	B
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	4
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	4
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	9,712 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	4
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	0
d. Total number of benefited receptors.	4
e. Surface Area per benefited receptor unit. (ft ² /BR)	2,428 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	No
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	485 ft
b. Height range of the proposed noise barrier. (ft)	25 to 25 ft
c. Average height of the proposed noise barrier. (ft)	25 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$301,072
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	No
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	12-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Norfolk
District:	Hampton Roads
Barrier System ID:	BR/BS-P
Community Name and/or CNE#	BR and BS
Noise Abatement Category(s)	B and C
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	41
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	41
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	29,808 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	41
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	28
d. Total number of benefited receptors.	69
e. Surface Area per benefited receptor unit. (ft ² /BR)	432 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	1,987 ft
b. Height range of the proposed noise barrier. (ft)	15 to 15 ft
c. Average height of the proposed noise barrier. (ft)	15 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$924,048
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	12-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Norfolk
District:	Hampton Roads
Barrier System ID:	BT-P
Community Name and/or CNE#	BT
Noise Abatement Category(s)	C
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	6
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	6
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	54,026 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	6
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	12
d. Total number of benefited receptors.	18
e. Surface Area per benefited receptor unit. (ft ² /BR)	3,001 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	No
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	2,162 ft
b. Height range of the proposed noise barrier. (ft)	25 to 25 ft
c. Average height of the proposed noise barrier. (ft)	25 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$1,674,806
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	No
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	31-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Norfolk
District:	Hampton Roads
Barrier System ID:	BU/BV-P
Community Name and/or CNE#	BU and BV
Noise Abatement Category(s)	B
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	7
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	5
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	71%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	20,304 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	5
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	0
d. Total number of benefited receptors.	5
e. Surface Area per benefited receptor unit. (ft ² /BR)	4,061 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	No
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	721 ft
b. Height range of the proposed noise barrier. (ft)	25 to 30 ft
c. Average height of the proposed noise barrier. (ft)	27 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$629,424
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	No
Additional Reasons for Decision:	
The amount of noise reduction provided by the barrier is limited by traffic on Granby Street.	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	31-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Norfolk
District:	Hampton Roads
Barrier System ID:	BW1-P
Community Name and/or CNE#	BW
Noise Abatement Category(s)	C
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	60
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	28
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	47%
d.	Is the percentage 50 or greater?	No
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	105,339 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	28
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	77
d. Total number of benefited receptors.	105
e. Surface Area per benefited receptor unit. (ft ² /BR)	1,003 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	4,344 ft
b. Height range of the proposed noise barrier. (ft)	20 to 25 ft
c. Average height of the proposed noise barrier. (ft)	24.3 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$3,265,509
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	No
Is the Noise Barrier(s) REASONABLE?	NA
Additional Reasons for Decision:	
The barrier is not acoustically feasible, since less than 50% of the impacted receptors would be benefited.	
The amount of noise reduction provided by the barrier is limited by traffic on Granby Street.	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	31-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Norfolk
District:	Hampton Roads
Barrier System ID:	BW2-P
Community Name and/or CNE#	BW
Noise Abatement Category(s)	C
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	19
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	18
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	95%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	59,109 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	18
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	23
d. Total number of benefited receptors.	41
e. Surface Area per benefited receptor unit. (ft ² /BR)	1,442 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	1,985 ft
b. Height range of the proposed noise barrier. (ft)	25 to 30 ft
c. Average height of the proposed noise barrier. (ft)	29.6 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$1,832,379
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	
The barrier is not acoustically feasible, since less than 50% of the impacted receptors would be benefited.	
The amount of noise reduction provided by the barrier is limited by traffic on Granby Street.	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	9-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Norfolk
District:	Hampton Roads
Barrier System ID:	BZ-P
Community Name and/or CNE#	BZ
Noise Abatement Category(s)	B
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	14
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	14
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	89,016 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	14
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	93
d. Total number of benefited receptors.	107
e. Surface Area per benefited receptor unit. (ft ² /BR)	832 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	6,251 ft
b. Height range of the proposed noise barrier. (ft)	10 to 15 ft
c. Average height of the proposed noise barrier. (ft)	14 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$2,759,496
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	12-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Norfolk
District:	Hampton Roads
Barrier System ID:	CA-R
Community Name and/or CNE#	CA
Noise Abatement Category(s)	C
Design phase:	NA

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	NA
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	8
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	8
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	NA
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	10,989 SF
b. Surface Area of the existing barrier that will be removed (ft ²)	10,973 SF
c. Additional (Net) Surface Area of the Replacement Barrier (ft ²)	16 SF
d. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	8
e. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	1
f. Total number of benefited receptors.	9
g. Net Surface Area per benefited receptor unit. (ft ² /BR)	2 SF/BR
h. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
i. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Details of Total Proposed Noise Barrier	
a. Total length of the proposed noise barrier. (ft)	731 ft
b. Height range of the proposed noise barrier. (ft)	14 to 16 ft
c. Average height of the proposed noise barrier. (ft)	15 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$340,659
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	
The Final Design Noise Technical Report for the I-564 Intermodal Connector Project (Jacobs, 2015) identified Barrier 4 as feasible and reasonable. Community opinions about Barrier 4 had not been received when the report was issued. HRCS Alts B, C & D impact the entire length of Barrier 4, and so should the HRCS move forward with one of these alternatives, the barrier would have to be relocated.	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	3-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Chesapeake
District:	Hampton Roads
Barrier System ID:	CE-P
Community Name and/or CNE#	CE
Noise Abatement Category(s)	B
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	7
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	4
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	57%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	No

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	32,002 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	4
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	6
d. Total number of benefited receptors.	10
e. Surface Area per benefited receptor unit. (ft ² /BR)	3,200 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	No
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	1,601 ft
b. Height range of the proposed noise barrier. (ft)	20 ft
c. Average height of the proposed noise barrier. (ft)	20 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$992,062
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	No
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	5-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Chesapeake
District:	Hampton Roads
Barrier System ID:	CG-P
Community Name and/or CNE#	CG
Noise Abatement Category(s)	B
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	1
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	0
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	0%
d.	Is the percentage 50 or greater?	No
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	No

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	6,030 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	0
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	0
d. Total number of benefited receptors.	0
e. Surface Area per benefited receptor unit. (ft ² /BR)	#DIV/0!
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	#DIV/0!
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	No
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	201 ft
b. Height range of the proposed noise barrier. (ft)	30 ft
c. Average height of the proposed noise barrier. (ft)	30 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$186,930
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	No
Is the Noise Barrier(s) REASONABLE?	No
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	3-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Chesapeake
District:	Hampton Roads
Barrier System ID:	CH-P
Community Name and/or CNE#	CH
Noise Abatement Category(s)	B
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	6
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	6
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	No

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	31,972 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	6
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	2
d. Total number of benefited receptors.	8
e. Surface Area per benefited receptor unit. (ft ² /BR)	3,997 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	No
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	1,599 ft
b. Height range of the proposed noise barrier. (ft)	20 ft
c. Average height of the proposed noise barrier. (ft)	20 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$991,132
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	No
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	3-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Chesapeake
District:	Hampton Roads
Barrier System ID:	CI-P
Community Name and/or CNE#	CI
Noise Abatement Category(s)	B
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	5
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	5
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	No

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	32,999 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	5
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	3
d. Total number of benefited receptors.	8
e. Surface Area per benefited receptor unit. (ft ² /BR)	4,125 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	No
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	2,200 ft
b. Height range of the proposed noise barrier. (ft)	15 ft
c. Average height of the proposed noise barrier. (ft)	15 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$1,022,969
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	No
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	2-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Chesapeake
District:	Hampton Roads
Barrier System ID:	CJ-P
Community Name and/or CNE#	CJ
Noise Abatement Category(s)	B
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	8
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	8
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	No

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	27,010 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	8
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	10
d. Total number of benefited receptors.	18
e. Surface Area per benefited receptor unit. (ft ² /BR)	1,501 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	1,802 ft
b. Height range of the proposed noise barrier. (ft)	15 ft
c. Average height of the proposed noise barrier. (ft)	15 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$837,310
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	3-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Chesapeake
District:	Hampton Roads
Barrier System ID:	CK-P
Community Name and/or CNE#	CK
Noise Abatement Category(s)	B
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	1
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	1
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	No

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	6,005 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	1
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	0
d. Total number of benefited receptors.	1
e. Surface Area per benefited receptor unit. (ft ² /BR)	6,005 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	No
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	401 ft
b. Height range of the proposed noise barrier. (ft)	15 ft
c. Average height of the proposed noise barrier. (ft)	15 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$186,155
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	No
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	2-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Chesapeake
District:	Hampton Roads
Barrier System ID:	CL-CN-P
Community Name and/or CNE#	CL, CN
Noise Abatement Category(s)	B
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	64
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	64
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	No

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	104,286 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	64
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	62
d. Total number of benefited receptors.	126
e. Surface Area per benefited receptor unit. (ft ² /BR)	828 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	4,172 ft
b. Height range of the proposed noise barrier. (ft)	25 ft
c. Average height of the proposed noise barrier. (ft)	25 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$3,232,866
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	2-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Chesapeake
District:	Hampton Roads
Barrier System ID:	CM-P
Community Name and/or CNE#	CM
Noise Abatement Category(s)	B
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	34
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	34
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	No

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	68,543 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	34
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	64
d. Total number of benefited receptors.	98
e. Surface Area per benefited receptor unit. (ft ² /BR)	699 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	4,570 ft
b. Height range of the proposed noise barrier. (ft)	15 ft
c. Average height of the proposed noise barrier. (ft)	15 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$2,124,833
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	1-Jun-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Chesapeake
District:	Hampton Roads
Barrier System ID:	CO-P
Community Name and/or CNE#	CO
Noise Abatement Category(s)	B
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	2
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	2
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	No

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	9,015 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	2
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	0
d. Total number of benefited receptors.	2
e. Surface Area per benefited receptor unit. (ft ² /BR)	4,508 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	No
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	No
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	600 ft
b. Height range of the proposed noise barrier. (ft)	15 ft
c. Average height of the proposed noise barrier. (ft)	15 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$279,465
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	No
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	10-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Chesapeake
District:	Hampton Roads
Barrier System ID:	CQ-P
Community Name and/or CNE#	CQ
Noise Abatement Category(s)	B
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	117
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	105
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	90%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	No

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	150,008 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	105
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	167
d. Total number of benefited receptors.	272
e. Surface Area per benefited receptor unit. (ft ² /BR)	552 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	6,000 ft
b. Height range of the proposed noise barrier. (ft)	25 ft
c. Average height of the proposed noise barrier. (ft)	25 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$4,650,248
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	2-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Chesapeake
District:	Hampton Roads
Barrier System ID:	CS-P
Community Name and/or CNE#	CS
Noise Abatement Category(s)	B
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	11
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	11
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	No

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	28,043 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	11
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	13
d. Total number of benefited receptors.	24
e. Surface Area per benefited receptor unit. (ft ² /BR)	1,168 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	1,403 ft
b. Height range of the proposed noise barrier. (ft)	20 ft
c. Average height of the proposed noise barrier. (ft)	20 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$869,333
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	10-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Chesapeake
District:	Hampton Roads
Barrier System ID:	CT-P
Community Name and/or CNE#	CT
Noise Abatement Category(s)	C
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	4
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	4
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	No

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	44,877 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	4
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	2
d. Total number of benefited receptors.	6
e. Surface Area per benefited receptor unit. (ft ² /BR)	7,480 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	No
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	1,795 ft
b. Height range of the proposed noise barrier. (ft)	25 ft
c. Average height of the proposed noise barrier. (ft)	25 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$1,391,187
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	No
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	31-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Chesapeake
District:	Hampton Roads
Barrier System ID:	CU-P
Community Name and/or CNE#	CU
Noise Abatement Category(s)	B
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	21
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	21
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	No

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	39,876 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	21
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	33
d. Total number of benefited receptors.	54
e. Surface Area per benefited receptor unit. (ft ² /BR)	738 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	1,994 ft
b. Height range of the proposed noise barrier. (ft)	20 ft
c. Average height of the proposed noise barrier. (ft)	20 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$1,236,156
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	1-Jun-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Suffolk
District:	Hampton Roads
Barrier System ID:	CV-P
Community Name and/or CNE#	CV
Noise Abatement Category(s)	B
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	8
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	8
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	No

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	78,002 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	8
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	44
d. Total number of benefited receptors.	52
e. Surface Area per benefited receptor unit. (ft ² /BR)	1,500 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	2,599 ft
b. Height range of the proposed noise barrier. (ft)	30 ft
c. Average height of the proposed noise barrier. (ft)	30 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$2,418,062
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	2-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Suffolk
District:	Hampton Roads
Barrier System ID:	CW-P
Community Name and/or CNE#	CW
Noise Abatement Category(s)	B
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	72
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	72
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	No

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	53,998 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	72
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	117
d. Total number of benefited receptors.	189
e. Surface Area per benefited receptor unit. (ft ² /BR)	286 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	1,801 ft
b. Height range of the proposed noise barrier. (ft)	30 ft
c. Average height of the proposed noise barrier. (ft)	30 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$1,673,938
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	3-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Suffolk
District:	Hampton Roads
Barrier System ID:	CWA-P
Community Name and/or CNE#	CWA
Noise Abatement Category(s)	B
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	4
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	1
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	25%
d.	Is the percentage 50 or greater?	No
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	No

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	47,993 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	1
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	0
d. Total number of benefited receptors.	1
e. Surface Area per benefited receptor unit. (ft ² /BR)	47,993 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	No
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	No
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	1,599 ft
b. Height range of the proposed noise barrier. (ft)	30 ft
c. Average height of the proposed noise barrier. (ft)	30 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$1,487,783
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	No
Is the Noise Barrier(s) REASONABLE?	No
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	31-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Suffolk
District:	Hampton Roads
Barrier System ID:	CX-P
Community Name and/or CNE#	CX
Noise Abatement Category(s)	B
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	65
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	65
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	No

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	114,874 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	65
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	123
d. Total number of benefited receptors.	188
e. Surface Area per benefited receptor unit. (ft ² /BR)	611 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	5,743 ft
b. Height range of the proposed noise barrier. (ft)	20 ft
c. Average height of the proposed noise barrier. (ft)	20 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$3,561,094
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	

VDOT Highway Traffic Noise Abatement Warranted, Feasible, and Reasonable Worksheet	
<p>Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.</p>	
Date:	16-Jun-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Portsmouth
District:	Hampton Roads
Barrier System ID:	CZ-R
Community Name and/or CNE#	CZ
Noise Abatement Category(s)	B
Design phase:	Preliminary design

Warranted	
1	Community Documentation (if applicable)
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued). NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI): NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate." Yes
2	Criteria requiring consideration of noise abatement
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria? Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more? No

Feasibility	
1	Impacted receptor units
a.	Number of impacted receptor units: 76
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL): 76
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL 100%
d.	Is the percentage 50 or greater? Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues? NA
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel? No
4	Will placement of the noise barrier conflict with existing utility locations? NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	63,933 SF
b. Surface Area of the existing barrier that will be removed (ft ²)	62,761 SF
c. Additional (Net) Surface Area of the Replacement Barrier (ft ²)	1,172 SF
d. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	76
e. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	176
f. Total number of benefited receptors.	252
g. Net Surface Area per benefited receptor unit. (ft ² /BR)	5 SF/BR
h. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
i. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
<hr/> 2 Additional Details of Total Proposed Noise Barrier	
a. Total length of the proposed noise barrier. (ft)	3,198 ft
b. Height range of the proposed noise barrier. (ft)	20 ft
c. Average height of the proposed noise barrier. (ft)	20 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$1,981,923
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	2-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Portsmouth
District:	Hampton Roads
Barrier System ID:	DB-R
Community Name and/or CNE#	DB
Noise Abatement Category(s)	B
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	191
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	191
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	NA
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	51,004 SF
b. Surface Area of the existing barrier that will be removed (ft ²)	50,252 SF
c. Additional (Net) Surface Area of the Replacement Barrier (ft ²)	752 SF
d. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	191
e. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	322
f. Total number of benefited receptors.	513
g. Net Surface Area per benefited receptor unit. (ft ² /BR)	1 SF/BR
h. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
i. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
<hr/> 2 Additional Details of Total Proposed Noise Barrier	
a. Total length of the proposed noise barrier. (ft)	3,402 ft
b. Height range of the proposed noise barrier. (ft)	15 ft
c. Average height of the proposed noise barrier. (ft)	15 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$1,581,124
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	

VDOT Highway Traffic Noise Abatement Warranted, Feasible, and Reasonable Worksheet	
<p>Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.</p>	
Date:	16-Jun-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Portsmouth
District:	Hampton Roads
Barrier System ID:	DC-R
Community Name and/or CNE#	DC
Noise Abatement Category(s)	B
Design phase:	Preliminary design

Warranted	
1	Community Documentation (if applicable)
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued). NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI): NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate." Yes
2	Criteria requiring consideration of noise abatement
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria? Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more? No

Feasibility	
1	Impacted receptor units
a.	Number of impacted receptor units: 225
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL): 225
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL 100%
d.	Is the percentage 50 or greater? Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues? NA
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel? No
4	Will placement of the noise barrier conflict with existing utility locations? NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	120,013 SF
b. Surface Area of the existing barrier that will be removed (ft ²)	77,165 SF
c. Additional (Net) Surface Area of the Replacement Barrier (ft ²)	42,848 SF
d. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	225
e. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	497
f. Total number of benefited receptors.	722
g. Net Surface Area per benefited receptor unit. (ft ² /BR)	59 SF/BR
h. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
i. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Details of Total Proposed Noise Barrier	
a. Total length of the proposed noise barrier. (ft)	4,801 ft
b. Height range of the proposed noise barrier. (ft)	25 ft
c. Average height of the proposed noise barrier. (ft)	25 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$3,720,403
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	2-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Portsmouth
District:	Hampton Roads
Barrier System ID:	DD-R
Community Name and/or CNE#	DD
Noise Abatement Category(s)	B
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	53
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	53
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	NA
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	119,894 SF
b. Surface Area of the existing barrier that will be removed (ft ²)	106,492 SF
c. Additional (Net) Surface Area of the Replacement Barrier (ft ²)	13,402 SF
d. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	53
e. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	157
f. Total number of benefited receptors.	210
g. Net Surface Area per benefited receptor unit. (ft ² /BR)	64 SF/BR
h. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
i. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Details of Total Proposed Noise Barrier	
a. Total length of the proposed noise barrier. (ft)	4,797 ft
b. Height range of the proposed noise barrier. (ft)	25 ft
c. Average height of the proposed noise barrier. (ft)	25 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$3,716,714
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	3-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Portsmouth
District:	Hampton Roads
Barrier System ID:	DF-P
Community Name and/or CNE#	DF
Noise Abatement Category(s)	B
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	1
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	1
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	No

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	24,004 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	1
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	1
d. Total number of benefited receptors.	2
e. Surface Area per benefited receptor unit. (ft ² /BR)	12,002 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	No
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	801 ft
b. Height range of the proposed noise barrier. (ft)	30 ft
c. Average height of the proposed noise barrier. (ft)	30 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$744,124
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	No
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	13-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Newport News
District:	Hampton Roads
Barrier System ID:	DI-P
Community Name and/or CNE#	DI
Noise Abatement Category(s)	C
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	3
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	3
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	61,022 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	3
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	18
d. Total number of benefited receptors.	21
e. Surface Area per benefited receptor unit. (ft ² /BR)	2,906 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	No
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	2,440 ft
b. Height range of the proposed noise barrier. (ft)	25 to 25 ft
c. Average height of the proposed noise barrier. (ft)	25 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$1,891,682
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	No
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	13-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Newport News
District:	Hampton Roads
Barrier System ID:	DJ-P
Community Name and/or CNE#	DJ
Noise Abatement Category(s)	B and D
Design phase:	Preliminary design

Warranted

- | | | |
|----|--|-----|
| 1 | Community Documentation (if applicable) | |
| a. | Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued). | NA |
| b. | Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI): | NA |
| c. | Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate." | Yes |
| 2 | Criteria requiring consideration of noise abatement | |
| a. | Project causes design year noise levels to approach or exceed the Noise Abatement Criteria? | Yes |
| b. | Project causes a substantial noise increase of 10 dB(A) or more? | No |

Feasibility

- | | | |
|----|---|------|
| 1 | Impacted receptor units | |
| a. | Number of impacted receptor units: | 8 |
| b. | Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL): | 8 |
| c. | Percentage of impacted receptor units receiving 5 dB(A) or more IL | 100% |
| d. | Is the percentage 50 or greater? | Yes |
| 2 | Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues? | No |
| 3 | Will placement of the noise barrier restrict access to vehicular or pedestrian travel? | No |
| 4 | Will placement of the noise barrier conflict with existing utility locations? | NA |

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	21,627 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	8
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	18
d. Total number of benefited receptors.	26
e. Surface Area per benefited receptor unit. (ft ² /BR)	832 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	1,443 ft
b. Height range of the proposed noise barrier. (ft)	15 to 15 ft
c. Average height of the proposed noise barrier. (ft)	15 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$670,437
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	1-Jun-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Newport News
District:	Hampton Roads
Barrier System ID:	DK-P
Community Name and/or CNE#	DK
Noise Abatement Category(s)	B
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	16
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	16
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	17,822 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	16
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	6
d. Total number of benefited receptors.	22
e. Surface Area per benefited receptor unit. (ft ² /BR)	810 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	1,252 ft
b. Height range of the proposed noise barrier. (ft)	10 to 15 ft
c. Average height of the proposed noise barrier. (ft)	14 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$552,482
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	13-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Newport News
District:	Hampton Roads
Barrier System ID:	DL-P
Community Name and/or CNE#	DL
Noise Abatement Category(s)	B, C, and D
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	15
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	15
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	33,310 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	15
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	9
d. Total number of benefited receptors.	24
e. Surface Area per benefited receptor unit. (ft ² /BR)	1,388 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	1,332 ft
b. Height range of the proposed noise barrier. (ft)	25 to 25 ft
c. Average height of the proposed noise barrier. (ft)	25 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$1,032,610
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	31-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	Cities of Hampton and Newport News
District:	Hampton Roads
Barrier System ID:	DM/DN/DQ-P
Community Name and/or CNE#	DM, DN, and DQ
Noise Abatement Category(s)	B, C, and D
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	145
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	130
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	90%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	276,533 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	130
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	439
d. Total number of benefited receptors.	569
e. Surface Area per benefited receptor unit. (ft ² /BR)	486 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	9,255 ft
b. Height range of the proposed noise barrier. (ft)	25 to 30 ft
c. Average height of the proposed noise barrier. (ft)	30 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$8,572,523
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	1-Jun-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Newport News
District:	Hampton Roads
Barrier System ID:	DO/DP-R/P
Community Name and/or CNE#	DO and DP
Noise Abatement Category(s)	B, C, and D
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	NA
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	115
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	112
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	97%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	NA
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	102,923 SF
b. Surface Area of the existing barrier that will be removed (ft ²)	33,403 SF
c. Additional (Net) Surface Area of the Replacement Barrier (ft ²)	69,520 SF
d. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	112
e. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	310
f. Total number of benefited receptors.	422
g. Net Surface Area per benefited receptor unit. (ft ² /BR)	165 SF/BR
h. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
i. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
<hr/> 2 Additional Details of Total Proposed Noise Barrier	
a. Total length of the proposed noise barrier. (ft)	5,145 ft
b. Height range of the proposed noise barrier. (ft)	20 to 20 ft
c. Average height of the proposed noise barrier. (ft)	20 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$3,190,613
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	13-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Hampton
District:	Hampton Roads
Barrier System ID:	DR-P
Community Name and/or CNE#	DR
Noise Abatement Category(s)	B, C, D, and E
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	45
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	45
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	47,130 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	45
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	75
d. Total number of benefited receptors.	120
e. Surface Area per benefited receptor unit. (ft ² /BR)	393 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	2,357 ft
b. Height range of the proposed noise barrier. (ft)	20 to 20 ft
c. Average height of the proposed noise barrier. (ft)	20 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$1,461,030
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	13-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Hampton
District:	Hampton Roads
Barrier System ID:	DS-P
Community Name and/or CNE#	DS
Noise Abatement Category(s)	B and C
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	16
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	16
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	72,065 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	16
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	49
d. Total number of benefited receptors.	65
e. Surface Area per benefited receptor unit. (ft ² /BR)	1,109 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	2,883 ft
b. Height range of the proposed noise barrier. (ft)	25 to 25 ft
c. Average height of the proposed noise barrier. (ft)	25 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$2,234,015
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	

**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	31-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Hampton
District:	Hampton Roads
Barrier System ID:	DT/DU/DW-R/P
Community Name and/or CNE#	DT, DU, and DW
Noise Abatement Category(s)	B, C, and D
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	NA
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	71
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	70
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	99%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	NA
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	86,330 SF
b. Surface Area of the existing barrier that will be removed (ft ²)	56,580 SF
c. Additional (Net) Surface Area of the Replacement Barrier (ft ²)	29,750 SF
d. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	70
e. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	186
f. Total number of benefited receptors.	256
g. Net Surface Area per benefited receptor unit. (ft ² /BR)	116 SF/BR
h. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
i. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
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2 Additional Details of Total Proposed Noise Barrier	
a. Total length of the proposed noise barrier. (ft)	5,394 ft
b. Height range of the proposed noise barrier. (ft)	16 to 16 ft
c. Average height of the proposed noise barrier. (ft)	16 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$2,676,230
f. Barrier Material	NA
<hr/>	
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	
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Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	
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**VDOT Highway Traffic Noise Abatement
 Warranted, Feasible, and Reasonable Worksheet**

Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.

Date:	13-May-16
Project No. and UPC:	VDOT Project No. 0064-965-081, P101 and UPC 106724
County:	City of Hampton
District:	Hampton Roads
Barrier System ID:	DV/DX-R/P
Community Name and/or CNE#	DV and DX
Noise Abatement Category(s)	B and C
Design phase:	Preliminary design

Warranted

1	Community Documentation (if applicable)	
a.	Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b.	Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	NA
c.	Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	NA
2	Criteria requiring consideration of noise abatement	
a.	Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b.	Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility

1	Impacted receptor units	
a.	Number of impacted receptor units:	82
b.	Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	82
c.	Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d.	Is the percentage 50 or greater?	Yes
2	Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	NA
3	Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4	Will placement of the noise barrier conflict with existing utility locations?	NA

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	75,603 SF
b. Surface Area of the existing barrier that will be removed (ft ²)	26,730 SF
c. Additional (Net) Surface Area of the Replacement Barrier (ft ²)	48,873 SF
d. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	82
e. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	76
f. Total number of benefited receptors.	158
g. Net Surface Area per benefited receptor unit. (ft ² /BR)	309 SF/BR
h. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
i. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Details of Total Proposed Noise Barrier	
a. Total length of the proposed noise barrier. (ft)	4,727 ft
b. Height range of the proposed noise barrier. (ft)	16 to 16 ft
c. Average height of the proposed noise barrier. (ft)	16 ft
d. Cost per square foot. (\$/ft ²)	\$31/SF
e. Total Barrier Cost (\$)	\$2,343,693
f. Barrier Material	NA
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	