

**ENVIRONMENTAL STATEMENT**

**Noise and Vibration**

<b>Movement Number</b>	<b>2016 Base 18 hr AAWT</b>	<b>2016 Base % HGVS</b>	<b>2031 Ref 18 hr AAWT</b>	<b>2031 Ref % HGVS</b>	<b>2031 Allocation Test 18 hr AAWT</b>	<b>2031 Allocation Test % HGVS</b>	<b>2031 Application Test 18 hr AAWT</b>	<b>2031 Application Test % HGVS</b>
1	11172	5	13327	5	15320	5	15028	5
2	4602	3	5476	3	6330	3	6225	3
3	5577	6	7269	6	10854	4	10348	5
4	11652	5	13389	5	13401	5	13399	5
5	2895	7	4908	6	10749	3	9750	4
6	4967	4	5706	4	5706	4	5706	4
7	2595	6	2983	6	3073	6	3073	6
8	2345	9	3894	7	8400	4	7644	5
9	572	2	761	2	1098	2	1028	2
10	2459	2	2929	2	3258	2	3189	2
12	4644	4	5334	4	5338	4	5338	4
15	3848	4	5734	4	9813	3	8958	3
16	8582	4	11995	3	16089	3	15235	3
17	2189	10	4567	6	11556	4	10400	4
18	31198	12	39086	11	45810	9	44772	10
19	25993	14	30842	14	33185	13	32730	13
20	12549	6	18675	5	27594	4	26128	4
21	9305	6	12981	5	12981	5	12981	5
22	7855	6	14764	5	16758	4	16399	5
23	10162	5	12736	4	14820	4	14325	4
24	8395	4	10922	4	15016	3	14161	3
27	2721	8	4312	6	9001	4	8193	5
28	332	0	382	0	382	0	382	0
29	595	1	1364	1	3430	1	2966	1
30	11566	4	13788	4	15313	4	14971	4
31	1294	2	1529	2	1699	2	1672	2
32	1605	4	1845	4	1845	4	1845	4
33	11834	4	14064	4	15464	3	15142	3
34	4685	2	5484	2	5813	2	5744	2
35	6372	3	7418	3	7747	3	7678	3
36	12645	3	14996	3	16396	3	16074	3
37	11906	5	14171	5	16164	4	15872	4

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38	1528	1	1755	1	1755	1	1755	1
39	1437	4	1651	4	1651	4	1651	4
40	6606	4	7666	4	7907	4	7856	4
41	2753	2	3162	2	3162	2	3162	2
42	6072	5	7054	5	7295	4	7244	4
43	6774	3	7783	3	7783	3	7783	3
44	10365	5	11987	5	12228	5	12177	5
45	4613	5	5658	5	5658	5	5658	5
46	3327	4	4902	3	4902	3	4902	3
47	8225	5	11136	4	13221	4	12726	4
48	3582	9	5325	7	6268	6	6054	6
49	5690	3	7136	3	8268	3	7990	3
50	85332	13	99821	13	102384	13	99821	13
51	1723	8	1978	8	1978	8	1978	8
52	6306	2	7884	2	9098	2	8799	2
53	82878	15	96684	14	98304	14	96684	14
54	77838	16	90403	16	90577	16	90403	16
55	17919	16	20860	15	21549	15	21382	15
56	12769	23	14679	23	14679	23	14679	23
57	44536	13	54216	12	60302	11	59419	11
58	42227	13	50863	12	55408	11	54768	11
59	11148	7	13461	7	13461	7	13461	7
60	45080	12	54792	11	59337	10	58697	10
61	16339	5	20876	4	20876	4	20876	4
62	6898	13	8925	12	10470	10	10225	11
63	85721	16	99135	16	100887	16	99135	16
64	101314	15	117468	15	120764	15	117468	15
65	122630	15	141492	15	142772	15	141492	15
66	10490	4	15431	4	15431	4	15431	4
67	7592	3	15673	2	17417	2	17109	2
68	11998	3	16961	4	17133	4	17096	4
69	0	0	0	0	533	1	0	0

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70	3844	10	5899	8	9855	5	8843	5
71	0	0	0	0	1012	1	479	1
72	4139	10	6296	8	10638	5	9423	6
73	0	0	0	0	317	1	317	1
74	4137	10	6290	8	10764	5	9549	6
75	212	1	390	1	923	1	390	1
76	4216	10	6442	8	11119	5	9700	6
77	0	0	0	0	317	1	317	1
78	4213	10	6445	8	11243	5	9824	6
79	212	1	455	1	933	1	933	1
80	4292	10	6621	8	11602	5	10184	5
81	0	0	237	1	237	1	237	1
82	4290	10	6721	8	11701	5	10283	5
83	0	0	231	1	231	1	231	1
84	4292	10	6782	8	11763	5	10344	5
85	4774	9	7570	7	12576	5	11157	5
96	1256	1	2215	1	2215	1	2215	1
97	648	4	1305	3	5885	1	5707	1
88	5025	9	8174	7	13687	4	12201	5
89	0	0	713	1	698	1	698	1
90	5115	9	8415	7	13960	4	12474	5
91	1094	0	1583	0	2817	0	2639	0
92	5386	8	8902	6	14500	4	12947	4
93	346	0	502	0	502	0	502	0
94	5426	8	8975	6	14568	4	13014	4
95	2271	0	2271	0	2271	0	2271	0
96	5615	8	9207	6	14801	4	13248	4
97	71	1	71	1	238	1	238	1
98	5641	8	9311	6	14968	4	13415	4
99	297	1	394	1	394	1	394	1
100	5779	8	9491	6	15148	4	13594	4
101	71	1	71	1	71	1	71	1

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<b>Movement Number</b>	<b>2016 Base 18 hr AAWT</b>	<b>2016 Base % HGVT</b>	<b>2031 Ref 18 hr AAWT</b>	<b>2031 Ref % HGVT</b>	<b>2031 Allocation Test 18 hr AAWT</b>	<b>2031 Allocation Test % HGVT</b>	<b>2031 Application Test 18 hr AAWT</b>	<b>2031 Application Test % HGVT</b>
102	104	1	394	1	685	1	421	1
103	5917	8	9769	6	15601	4	13946	4
104	255	1	255	1	422	1	422	1
105	33	1	33	1	33	1	33	1
106	5933	8	9804	6	15636	4	13982	4
107	0	0	0	0	414	1	0	0
108	5077	6	8822	5	14812	3	13000	4
109	0	0	0	0	12022	5	12022	5
111	2608	12	3485	10	327	0	327	0
Somerton Road	531	8	609	8	609	8	609	8



