

The background is a vibrant yellow. It is decorated with several abstract shapes in shades of blue and teal. These shapes include circles, teardrop-like forms, and elongated rounded rectangles, some of which contain white circles. The shapes are scattered across the page, creating a modern, geometric aesthetic.

Appendix A9.2

Operational Phase Traffic Noise Impacts

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Appendix A9.2: Operational Phase Traffic Noise Impacts

1. Introduction

The traffic noise impact assessment for the Proposed Scheme is included in **Table 1** overleaf. The results in Table 1 supplement the significance ratings associated with each of the road sections assessed across the proposed scheme which are displayed in Figure 9.4 of Volume 3 of the EIAR.

The results are calculated for each of the road sections (AB Road Link reference) included within the traffic model for the Proposed Scheme, extending to a distance of 1km from the red line boundary. The impacts are presented in Table 1 for the opening year 2028 where highest potential impacts are predicted to occur.

The results are presented in terms of the following parameters:

L_{Aeq,16hr} is the equivalent continuous sound level. It is a type of average and is used to describe a fluctuating noise in terms of a single noise level over the sample period (T). The time period T referred to is the 16hr daytime period between 07:00 and 23:00hrs

L_{den} is the 24-hour noise rating level determined by the averaging of the L_{day} with the L_{evening} (plus a 5 dB penalty) and the L_{night} (plus a 10 dB penalty). L_{den} is calculated using the following formula, as defined within the Noise Regulations:

$$L_{den} = 10 \log \left(\frac{1}{24} \left(12 * \left(10^{\frac{L_{day}}{10}} \right) + 4 * \left(10^{\frac{L_{evening}+5}{10}} \right) + 8 * \left(10^{\frac{L_{night}+10}{10}} \right) \right) \right)$$

Where:

- **L_{day}** is the A-weighted long-term average sound level as defined in ISO 1996-2, determined over all the day periods of a year. The 12 hour daytime period is between 07:00hrs and 19:00hrs;
- **L_{evening}** is the A-weighted long-term average sound level as defined in ISO 1996-2, determined over all the evening periods of a year. The four-hour evening period is between 19:00hrs and 23:00hrs; and
- **L_{night}** is the A-weighted long-term average sound level as defined in ISO 1996-2, determined over all the night periods of a year. The eight-hour night-time period is between 23:00hrs and 07:00hrs.

The magnitude of change, noise level rating and overall significance ratings tables are taken from the relevant criteria tables set out in Chapter 9 of Volume 2 of the EIAR.

2. Operational Phase Results

Table 1: Operational Results Including Significance Ratings for Operational Phase Traffic Noise Impacts – Opening Year 2028

Road Link		Do Minimum		Do Something		Magnitude of Change	Noise Level Category	Overall Significance
A	B	dB L _{den}	dB L _{Aeq,16hr}	dB L _{den}	dB L _{Aeq,16hr}			
13345	40539	58	56	58	57	Negligible	Low - Medium	Not Significant
13346	13345	65	63	65	63	No Change/Reduction	Medium	Imperceptible / Positive
13346	13428	59	57	60	58	Negligible	Low - Medium	Not Significant
13346	13430	66	64	66	64	No Change/Reduction	Medium	Imperceptible / Positive
13347	13135	54	52	54	52	Negligible	Negligible - Low	Not Significant
13347	13452	69	67	70	68	Negligible	Medium - High	Not Significant
13347	19994	69	67	70	68	Negligible	Medium - High	Not Significant
13348	13427	61	59	61	59	Negligible	Low - Medium	Not Significant
13107	13517	67	65	67	65	No Change/Reduction	Medium	Imperceptible / Positive
13107	13518	66	64	66	64	No Change/Reduction	Medium	Imperceptible / Positive
13108	13155	64	62	64	62	No Change/Reduction	Medium	Imperceptible / Positive
13108	13160	71	69	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
13108	13178	68	66	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
13108	13518	66	64	66	64	No Change/Reduction	Medium	Imperceptible / Positive
13109	13110	69	67	69	67	Negligible	Medium - High	Not Significant
13109	13153	58	56	59	58	Minor	Low - Medium	Slight
13104	13551	70	68	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
13105	13103	58	56	58	56	Negligible	Low - Medium	Not Significant
13105	13107	60	58	60	58	Negligible	Low - Medium	Not Significant
13105	13528	53	51	53	51	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13105	13622	61	59	62	60	Negligible	Low - Medium	Not Significant
13106	13153	55	53	57	56	Minor	Low - Medium	Slight
13106	13160	71	69	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
13106	13163	71	69	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive

Road Link		Do Minimum		Do Something		Magnitude of Change	Noise Level Category	Overall Significance
A	B	dB L _{den}	dB L _{Aeq,16hr}	dB L _{den}	dB L _{Aeq,16hr}			
8573	2225	67	65	67	65	Negligible	Medium	Not Significant
8573	2366	66	64	67	65	Negligible	Medium	Not Significant
13100	2420	71	69	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
13100	13470	70	68	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
13103	13472	54	52	54	52	Negligible	Negligible - Low	Not Significant
13104	2420	71	69	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
13104	13524	68	66	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
4122	4132	75	73	75	73	No Change/Reduction	High	Imperceptible / Positive
4127	4132	73	71	73	71	No Change/Reduction	High	Imperceptible / Positive
4127	13510	72	70	72	70	No Change/Reduction	Medium - High	Imperceptible / Positive
4131	4118	74	72	74	72	No Change/Reduction	High	Imperceptible / Positive
5290	17128	69	67	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
5290	30459	69	67	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
2608	2216	71	69	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
2608	40501	60	58	60	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
2608	40504	72	70	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
4114	4118	73	71	73	71	Negligible	High	Not Significant - Slight
4116	13478	76	74	76	74	No Change/Reduction	High	Imperceptible / Positive
4118	4116	76	74	76	74	No Change/Reduction	High	Imperceptible / Positive
4119	4113	72	70	72	70	No Change/Reduction	High	Imperceptible / Positive
4119	4125	74	72	74	72	No Change/Reduction	High	Imperceptible / Positive
2594	2593	61	59	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
2605	2321	71	69	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
2605	2466	71	69	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
2605	2606	55	53	55	54	Minor	Negligible - Low	Not Significant
2606	40569	54	52	55	54	Minor	Negligible - Low	Not Significant
2607	2184	71	69	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive

Road Link		Do Minimum		Do Something		Magnitude of Change	Noise Level Category	Overall Significance
A	B	dB L _{den}	dB L _{Aeq,16hr}	dB L _{den}	dB L _{Aeq,16hr}			
2607	2371	71	69	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
2576	2262	65	63	65	63	Negligible	Medium	Not Significant
2576	40568	65	63	65	63	Negligible	Medium	Not Significant
2589	2211	66	64	66	64	No Change/Reduction	Medium	Imperceptible / Positive
2589	2466	66	64	66	64	No Change/Reduction	Medium	Imperceptible / Positive
2593	2213	64	62	64	62	No Change/Reduction	Medium	Imperceptible / Positive
2593	2214	63	61	63	61	Negligible	Medium	Not Significant
2594	2207	52	50	52	50	No Change/Reduction	Negligible - Low	Imperceptible / Positive
2464	2212	68	66	68	66	Negligible	Medium - High	Not Significant
2464	28683	72	70	72	70	No Change/Reduction	Medium - High	Imperceptible / Positive
2465	2378	64	62	64	62	No Change/Reduction	Medium	Imperceptible / Positive
2466	2184	62	60	62	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
2466	40574	72	70	72	70	No Change/Reduction	Medium - High	Imperceptible / Positive
2505	2194	57	55	57	55	No Change/Reduction	Negligible - Low	Imperceptible / Positive
2378	2207	61	59	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
2378	2213	63	61	63	61	Negligible	Medium	Not Significant
2397	2359	55	53	55	53	No Change/Reduction	Negligible - Low	Imperceptible / Positive
2420	2225	73	71	73	71	No Change/Reduction	High	Imperceptible / Positive
2464	2110	74	72	74	72	No Change/Reduction	High	Imperceptible / Positive
2359	2366	66	64	66	64	No Change/Reduction	Medium	Imperceptible / Positive
2366	2194	56	54	56	54	No Change/Reduction	Negligible - Low	Imperceptible / Positive
2371	2186	62	60	62	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
2378	2110	65	63	65	63	Negligible	Medium	Not Significant
2262	2321	71	69	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
2262	13168	72	70	72	70	No Change/Reduction	Medium - High	Imperceptible / Positive
2336	2110	73	71	73	71	No Change/Reduction	High	Imperceptible / Positive
2337	2359	67	65	67	65	No Change/Reduction	Medium	Imperceptible / Positive

Road Link		Do Minimum		Do Something		Magnitude of Change	Noise Level Category	Overall Significance
A	B	dB L _{den}	dB L _{Aeq,16hr}	dB L _{den}	dB L _{Aeq,16hr}			
2216	40571	72	70	72	70	No Change/Reduction	Medium - High	Imperceptible / Positive
2224	2101	71	69	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
2224	40504	72	70	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
2225	2185	72	70	72	70	No Change/Reduction	Medium - High	Imperceptible / Positive
2225	2211	67	65	67	65	Negligible	Medium - High	Not Significant
2262	2211	65	63	65	63	Negligible	Medium	Not Significant
2214	2206	53	51	53	51	No Change/Reduction	Negligible - Low	Imperceptible / Positive
2214	2215	61	59	61	59	Negligible	Low - Medium	Not Significant
2214	40505	62	60	62	60	Negligible	Low - Medium	Not Significant
2212	2213	64	62	64	62	Negligible	Medium	Not Significant
2212	40568	69	67	69	67	Negligible	Medium - High	Not Significant
2185	2194	56	54	56	54	No Change/Reduction	Negligible - Low	Imperceptible / Positive
2186	2224	62	60	62	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
2184	2185	71	69	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
13229	13230	56	54	56	55	Negligible	Negligible - Low	Not Significant
13229	13431	55	53	56	55	Minor	Negligible - Low	Not Significant
13230	13232	60	58	60	58	Negligible	Low - Medium	Not Significant
13230	13453	60	58	60	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
13233	13424	67	65	67	65	No Change/Reduction	Medium	Imperceptible / Positive
13233	13430	66	64	66	64	No Change/Reduction	Medium	Imperceptible / Positive
13223	13222	63	61	63	62	Negligible	Medium	Not Significant
13226	13191	59	57	60	58	Negligible	Low - Medium	Not Significant
13226	13467	67	65	67	65	No Change/Reduction	Medium	Imperceptible / Positive
13226	13481	67	65	67	65	No Change/Reduction	Medium - High	Imperceptible / Positive
13227	13191	60	58	60	58	Negligible	Low - Medium	Not Significant
13227	13229	56	54	57	55	Negligible	Low - Medium	Not Significant
13227	13453	60	58	60	58	No Change/Reduction	Low - Medium	Imperceptible / Positive

Road Link		Do Minimum		Do Something		Magnitude of Change	Noise Level Category	Overall Significance
A	B	dB L _{den}	dB L _{Aeq,16hr}	dB L _{den}	dB L _{Aeq,16hr}			
13199	13193	63	61	63	61	No Change/Reduction	Medium	Imperceptible / Positive
13199	13200	62	60	62	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
13200	13473	61	59	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
13222	13192	68	66	68	66	Negligible	Medium - High	Not Significant
13222	13517	67	65	67	65	No Change/Reduction	Medium - High	Imperceptible / Positive
13223	13103	58	56	58	56	Negligible	Low - Medium	Not Significant
13193	13192	69	67	69	67	Negligible	Medium - High	Not Significant
13193	13194	68	66	68	66	Negligible	Medium - High	Not Significant
13193	13197	64	62	64	62	Negligible	Medium	Not Significant
13199	13182	62	60	62	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
13183	13158	66	64	66	64	No Change/Reduction	Medium	Imperceptible / Positive
13183	13182	64	62	64	62	No Change/Reduction	Medium	Imperceptible / Positive
13183	13471	62	60	62	60	Negligible	Medium	Not Significant
13191	13448	57	55	57	55	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13192	13182	61	59	61	59	Negligible	Low - Medium	Not Significant
13175	28676	72	70	72	70	No Change/Reduction	Medium - High	Imperceptible / Positive
13176	13157	61	59	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
13176	13161	53	51	53	51	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13176	13162	57	55	57	55	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13177	13108	68	66	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
13178	13457	68	66	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
13173	13112	71	69	72	70	Negligible	Medium - High	Not Significant
13173	13174	58	56	58	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
13173	13636	72	70	72	70	Negligible	High	Not Significant - Slight
13174	13490	70	68	70	68	Negligible	Medium - High	Not Significant
13174	13638	70	68	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
13175	13114	71	69	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive

Road Link		Do Minimum		Do Something		Magnitude of Change	Noise Level Category	Overall Significance
A	B	dB L _{den}	dB L _{Aeq,16hr}	dB L _{den}	dB L _{Aeq,16hr}			
13175	13542	72	70	72	70	Negligible	High	Not Significant - Slight
13169	13171	73	71	73	71	No Change/Reduction	High	Imperceptible / Positive
13169	13537	74	72	74	71	No Change/Reduction	High	Imperceptible / Positive
13169	13634	56	54	56	54	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13170	13169	67	65	67	65	No Change/Reduction	Medium - High	Imperceptible / Positive
13170	13551	70	68	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
13171	13168	72	70	72	70	No Change/Reduction	Medium - High	Imperceptible / Positive
13171	13170	67	65	67	65	No Change/Reduction	Medium	Imperceptible / Positive
13166	13528	58	56	56	54	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13166	13571	60	58	56	54	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13166	13669	62	60	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
13167	13494	71	69	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
13167	13539	71	69	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
13163	13165	71	69	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
13164	13154	54	52	54	52	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13164	13165	62	60	62	60	Negligible	Medium	Not Significant
13164	13167	61	59	61	59	Negligible	Low - Medium	Not Significant
13165	13509	71	69	71	68	No Change/Reduction	Medium - High	Imperceptible / Positive
13166	13509	62	60	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
13160	13528	58	56	57	55	No Change/Reduction	Low - Medium	Imperceptible / Positive
13161	13475	53	51	53	51	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13161	13483	53	51	53	51	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13162	13159	58	56	58	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
13163	13153	56	54	58	56	Minor	Low - Medium	Slight
13157	40532	67	65	67	65	No Change/Reduction	Medium	Imperceptible / Positive
13158	13157	66	64	66	64	No Change/Reduction	Medium	Imperceptible / Positive
13159	13483	56	54	56	54	Negligible	Negligible - Low	Not Significant

Road Link		Do Minimum		Do Something		Magnitude of Change	Noise Level Category	Overall Significance
A	B	dB L _{den}	dB L _{Aeq,16hr}	dB L _{den}	dB L _{Aeq,16hr}			
13159	13527	59	57	59	57	No Change/Reduction	Low - Medium	Imperceptible / Positive
13154	13109	69	67	69	67	Negligible	Medium - High	Not Significant
13154	13494	69	67	69	67	Negligible	Medium - High	Not Significant
13155	13110	63	61	63	61	Negligible	Medium	Not Significant
13133	13116	57	55	57	55	Negligible	Low - Medium	Not Significant
13133	13132	62	60	62	60	Negligible	Medium	Not Significant
13135	13115	56	54	56	54	Negligible	Negligible - Low	Not Significant
13136	13115	62	60	62	60	Negligible	Medium	Not Significant
13136	13638	70	68	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
13136	30801	70	68	70	68	Negligible	Medium - High	Not Significant
13114	13533	68	66	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
13115	13133	61	59	61	59	Negligible	Low - Medium	Not Significant
13110	13490	69	67	69	67	Negligible	Medium - High	Not Significant
13113	13491	64	62	64	62	No Change/Reduction	Medium	Imperceptible / Positive
13113	13542	72	70	72	70	Negligible	High	Not Significant - Slight
13113	13636	72	70	72	70	Negligible	High	Not Significant - Slight
82024	82016	61	59	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
40574	40571	72	70	72	70	No Change/Reduction	Medium - High	Imperceptible / Positive
82016	17333	61	59	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
82017	17205	67	65	67	65	No Change/Reduction	Medium - High	Imperceptible / Positive
82017	17333	65	63	64	62	No Change/Reduction	Medium	Imperceptible / Positive
82017	40558	64	62	65	63	Negligible	Medium	Not Significant
82024	17209	62	60	62	60	Negligible	Low - Medium	Not Significant
40569	40568	66	64	66	64	Negligible	Medium	Not Significant
40570	40569	66	64	66	64	Negligible	Medium	Not Significant
40571	40570	66	64	66	64	Negligible	Medium	Not Significant
40551	13559	67	65	67	65	No Change/Reduction	Medium	Imperceptible / Positive

Road Link		Do Minimum		Do Something		Magnitude of Change	Noise Level Category	Overall Significance
A	B	dB L _{den}	dB L _{Aeq,16hr}	dB L _{den}	dB L _{Aeq,16hr}			
40553	13396	52	50	54	53	Moderate	Negligible - Low	Not Significant - Slight
40553	13404	53	51	56	55	Moderate	Low - Medium	Slight - Moderate
40556	17226	71	69	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
40558	17204	64	62	65	63	Negligible	Medium	Not Significant
40560	17240	61	59	62	61	Minor	Medium	Slight
40560	17253	63	61	64	62	Minor	Medium	Slight
40544	13306	62	60	62	60	No Change/Reduction	Medium	Imperceptible / Positive
40544	13427	62	60	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
40544	13666	55	53	54	52	No Change/Reduction	Negligible - Low	Imperceptible / Positive
40546	13422	68	66	66	64	No Change/Reduction	Medium	Imperceptible / Positive
40546	13663	68	66	66	64	No Change/Reduction	Medium	Imperceptible / Positive
40549	13416	54	52	55	53	Minor	Negligible - Low	Not Significant
40549	13417	54	52	55	53	Minor	Negligible - Low	Not Significant
40551	13395	67	65	67	65	No Change/Reduction	Medium	Imperceptible / Positive
40532	13524	67	65	67	65	No Change/Reduction	Medium	Imperceptible / Positive
40534	13551	59	57	59	57	Negligible	Low - Medium	Not Significant
40537	13335	63	61	63	61	Negligible	Medium	Not Significant
40537	13446	62	60	62	61	Negligible	Medium	Not Significant
40539	13445	59	57	59	57	Negligible	Low - Medium	Not Significant
40542	13348	54	52	54	53	Minor	Negligible - Low	Not Significant
40542	13349	55	53	56	54	Minor	Negligible - Low	Not Significant
40501	2607	59	57	60	58	Negligible	Low - Medium	Not Significant
40527	13634	59	57	59	57	Negligible	Low - Medium	Not Significant
40527	13668	59	57	59	57	Negligible	Low - Medium	Not Significant
40530	13567	59	57	59	58	Negligible	Low - Medium	Not Significant
40530	13571	61	59	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
40067	13526	58	56	58	56	No Change/Reduction	Low - Medium	Imperceptible / Positive

Road Link		Do Minimum		Do Something		Magnitude of Change	Noise Level Category	Overall Significance
A	B	dB L _{den}	dB L _{Aeq,16hr}	dB L _{den}	dB L _{Aeq,16hr}			
40067	40066	56	54	56	54	No Change/Reduction	Negligible - Low	Imperceptible / Positive
40120	40125	68	66	67	65	No Change/Reduction	Medium - High	Imperceptible / Positive
40121	13515	68	66	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
40122	13458	68	66	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
40123	40125	68	66	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
40125	40121	68	66	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
40125	40122	68	66	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
38105	30813	70	68	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
38105	35664	70	68	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
38697	35663	70	68	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
38697	35665	67	65	67	65	No Change/Reduction	Medium	Imperceptible / Positive
38697	35887	68	66	67	65	No Change/Reduction	Medium - High	Imperceptible / Positive
40066	13622	58	56	59	57	Minor	Low - Medium	Slight
40066	13670	59	57	60	58	Negligible	Low - Medium	Not Significant
35663	30813	70	68	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
35664	35662	70	68	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
38036	30228	64	62	64	63	Negligible	Medium	Not Significant
38105	17212	72	70	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
17208	17207	61	59	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
17208	17210	62	60	62	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
17209	17252	60	58	60	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
17210	17206	67	65	68	66	Negligible	Medium - High	Not Significant
17211	17204	66	64	66	64	Negligible	Medium	Not Significant
17211	17206	67	65	67	65	No Change/Reduction	Medium - High	Imperceptible / Positive
17204	17259	65	63	65	63	Negligible	Medium	Not Significant
17205	17335	65	63	65	63	No Change/Reduction	Medium	Imperceptible / Positive
17205	35663	65	63	66	64	Negligible	Medium	Not Significant

Road Link		Do Minimum		Do Something		Magnitude of Change	Noise Level Category	Overall Significance
A	B	dB L _{den}	dB L _{Aeq,16hr}	dB L _{den}	dB L _{Aeq,16hr}			
17207	17209	61	59	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
17182	17226	74	72	72	70	No Change/Reduction	High	Imperceptible / Positive
17185	17182	73	71	72	70	No Change/Reduction	Medium - High	Imperceptible / Positive
17185	17212	73	71	72	70	No Change/Reduction	Medium - High	Imperceptible / Positive
17185	17258	63	61	63	61	No Change/Reduction	Medium	Imperceptible / Positive
17201	17176	68	66	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
17201	17204	68	66	68	66	Negligible	Medium - High	Not Significant
17175	17173	72	70	72	70	No Change/Reduction	Medium - High	Imperceptible / Positive
17176	17173	69	67	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
17178	15206	72	70	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
17181	17182	72	70	72	70	No Change/Reduction	Medium - High	Imperceptible / Positive
17182	17178	72	70	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
17182	17215	71	69	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
17170	17141	65	63	67	65	Minor	Medium - High	Slight - Moderate
17170	17171	68	66	67	65	No Change/Reduction	Medium - High	Imperceptible / Positive
17171	13281	66	64	66	64	No Change/Reduction	Medium	Imperceptible / Positive
17173	17133	71	69	71	70	Negligible	Medium - High	Not Significant
17174	17175	66	64	66	64	Negligible	Medium	Not Significant
17174	17294	69	67	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
17154	17148	65	63	65	63	No Change/Reduction	Medium	Imperceptible / Positive
17156	17148	65	63	66	64	Negligible	Medium	Not Significant
17157	17148	61	59	61	59	Negligible	Low - Medium	Not Significant
17157	17152	62	60	62	60	Negligible	Medium	Not Significant
17157	17277	57	55	57	55	Negligible	Low - Medium	Not Significant
17162	17131	72	70	72	71	Negligible	High	Not Significant - Slight
17162	17267	70	68	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
17162	17312	71	69	71	70	Negligible	Medium - High	Not Significant

Road Link		Do Minimum		Do Something		Magnitude of Change	Noise Level Category	Overall Significance
A	B	dB L _{den}	dB L _{Aeq,16hr}	dB L _{den}	dB L _{Aeq,16hr}			
17151	13366	60	58	60	57	No Change/Reduction	Low - Medium	Imperceptible / Positive
17151	13367	57	55	57	56	Negligible	Low - Medium	Not Significant
17151	17273	59	57	59	57	Negligible	Low - Medium	Not Significant
17152	17316	66	64	65	63	No Change/Reduction	Medium	Imperceptible / Positive
17152	17324	66	64	66	64	No Change/Reduction	Medium	Imperceptible / Positive
17153	17241	60	58	62	61	Moderate	Medium	Moderate
17144	17126	72	70	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
17145	17219	68	66	69	67	Minor	Medium - High	Slight - Moderate
17145	17304	72	70	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
17146	17126	68	66	68	66	Negligible	Medium - High	Not Significant
17146	17143	71	69	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
17138	17249	66	64	66	63	No Change/Reduction	Medium	Imperceptible / Positive
17139	17145	68	66	69	67	Minor	Medium - High	Slight - Moderate
17133	17132	72	70	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
17134	17131	59	57	59	57	Negligible	Low - Medium	Not Significant
17134	17325	60	58	60	59	Negligible	Low - Medium	Not Significant
17135	17217	64	62	64	62	Negligible	Medium	Not Significant
17135	17298	70	68	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
17136	17135	70	68	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
17137	17138	71	69	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
17138	17136	69	67	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
17130	13555	60	58	60	58	Negligible	Low - Medium	Not Significant
17130	17325	58	56	58	57	Minor	Low - Medium	Slight
17131	17132	72	70	73	71	Negligible	High	Not Significant - Slight
17132	17174	71	69	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
17133	17124	70	68	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
17126	40556	72	70	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive

Road Link		Do Minimum		Do Something		Magnitude of Change	Noise Level Category	Overall Significance
A	B	dB L _{den}	dB L _{Aeq,16hr}	dB L _{den}	dB L _{Aeq,16hr}			
17127	17137	66	64	65	63	No Change/Reduction	Medium	Imperceptible / Positive
17127	17297	70	68	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
17128	17124	69	67	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
17129	17305	72	70	72	70	Negligible	High	Not Significant - Slight
17129	17312	71	69	71	70	Negligible	Medium - High	Not Significant
17039	17258	66	64	66	64	No Change/Reduction	Medium	Imperceptible / Positive
17040	17259	63	61	62	60	No Change/Reduction	Medium	Imperceptible / Positive
17115	15206	76	74	75	73	No Change/Reduction	High	Imperceptible / Positive
17125	17241	69	67	70	69	Minor	Medium - High	Slight - Moderate
17125	17276	72	70	72	70	No Change/Reduction	Medium - High	Imperceptible / Positive
17125	17304	72	70	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
13669	13526	58	56	58	56	Negligible	Low - Medium	Not Significant
13669	13670	56	54	56	54	No Change/Reduction	Negligible - Low	Imperceptible / Positive
15206	17181	72	70	72	70	No Change/Reduction	Medium - High	Imperceptible / Positive
13664	13421	72	70	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
13664	13511	69	67	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
13665	13233	63	61	62	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
13665	13234	63	61	62	60	No Change/Reduction	Medium	Imperceptible / Positive
13665	13428	50	48	50	48	No Change/Reduction	Negligible	Imperceptible / Positive
13666	13345	57	55	56	54	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13668	13162	58	56	58	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
13660	13359	64	62	63	61	No Change/Reduction	Medium	Imperceptible / Positive
13660	13360	53	51	57	56	Major	Low - Medium	Moderate
13661	13357	69	67	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
13661	13421	69	67	67	65	No Change/Reduction	Medium - High	Imperceptible / Positive
13662	13360	71	69	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
13662	13421	71	69	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive

Road Link		Do Minimum		Do Something		Magnitude of Change	Noise Level Category	Overall Significance
A	B	dB L _{den}	dB L _{Aeq,16hr}	dB L _{den}	dB L _{Aeq,16hr}			
13663	13421	68	66	66	64	No Change/Reduction	Medium	Imperceptible / Positive
30462	29383	67	65	67	65	No Change/Reduction	Medium	Imperceptible / Positive
30462	29400	67	65	67	65	No Change/Reduction	Medium	Imperceptible / Positive
30801	13464	70	68	70	68	Negligible	Medium - High	Not Significant
30225	30228	65	63	65	63	No Change/Reduction	Medium	Imperceptible / Positive
30225	30459	65	63	65	63	No Change/Reduction	Medium	Imperceptible / Positive
30459	29383	67	65	67	65	No Change/Reduction	Medium	Imperceptible / Positive
28676	13543	72	70	72	70	No Change/Reduction	Medium - High	Imperceptible / Positive
28682	13510	72	70	72	70	No Change/Reduction	Medium - High	Imperceptible / Positive
28682	13543	72	70	72	70	No Change/Reduction	Medium - High	Imperceptible / Positive
28683	13510	72	70	72	70	No Change/Reduction	Medium - High	Imperceptible / Positive
17330	17249	68	66	68	65	No Change/Reduction	Medium - High	Imperceptible / Positive
17333	17254	64	62	62	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
17335	17253	66	64	66	64	No Change/Reduction	Medium	Imperceptible / Positive
19994	13355	69	67	70	68	Negligible	Medium - High	Not Significant
17324	17244	67	65	67	65	No Change/Reduction	Medium	Imperceptible / Positive
17324	17323	62	60	62	60	No Change/Reduction	Medium	Imperceptible / Positive
17325	17326	57	55	57	55	No Change/Reduction	Negligible - Low	Imperceptible / Positive
17326	17305	61	59	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
17319	17320	65	63	65	63	No Change/Reduction	Medium	Imperceptible / Positive
17320	17322	63	61	63	61	No Change/Reduction	Medium	Imperceptible / Positive
17322	17277	57	55	57	55	Negligible	Low - Medium	Not Significant
17322	17323	62	60	62	60	No Change/Reduction	Medium	Imperceptible / Positive
17313	17307	70	68	70	68	Negligible	Medium - High	Not Significant
17314	17315	57	55	58	56	Negligible	Low - Medium	Not Significant
17315	17273	59	57	59	57	No Change/Reduction	Low - Medium	Imperceptible / Positive
17315	17316	58	56	56	54	No Change/Reduction	Negligible - Low	Imperceptible / Positive

Road Link		Do Minimum		Do Something		Magnitude of Change	Noise Level Category	Overall Significance
A	B	dB L _{den}	dB L _{Aeq,16hr}	dB L _{den}	dB L _{Aeq,16hr}			
17316	17243	65	63	65	63	No Change/Reduction	Medium	Imperceptible / Positive
17306	17309	65	63	65	63	Negligible	Medium	Not Significant
17306	17313	70	68	70	68	Negligible	Medium - High	Not Significant
17307	17267	70	68	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
17299	17140	70	68	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
17305	13240	70	68	70	68	Negligible	Medium - High	Not Significant
17305	17306	57	55	58	56	Minor	Low - Medium	Slight
17294	17295	69	67	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
17295	17137	70	68	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
17296	17175	70	68	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
17297	17296	70	68	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
17298	17225	70	68	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
17258	17240	67	65	67	64	No Change/Reduction	Medium	Imperceptible / Positive
17259	17240	65	63	65	64	Negligible	Medium	Not Significant
17252	17208	60	58	60	58	Negligible	Low - Medium	Not Significant
17253	17213	67	65	67	65	No Change/Reduction	Medium	Imperceptible / Positive
17254	17211	63	61	62	60	No Change/Reduction	Medium	Imperceptible / Positive
17243	17214	65	63	65	63	Negligible	Medium	Not Significant
17244	13390	68	66	67	65	No Change/Reduction	Medium	Imperceptible / Positive
17247	17299	70	68	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
17248	13461	70	68	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
17249	17136	65	63	64	62	No Change/Reduction	Medium	Imperceptible / Positive
17238	17127	71	69	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
17238	17240	68	66	68	66	Negligible	Medium - High	Not Significant
17215	17217	70	68	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
17217	17238	71	69	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
17225	17182	70	68	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive

Road Link		Do Minimum		Do Something		Magnitude of Change	Noise Level Category	Overall Significance
A	B	dB L _{den}	dB L _{Aeq,16hr}	dB L _{den}	dB L _{Aeq,16hr}			
17226	17146	71	69	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
17228	17248	70	68	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
17212	17213	67	65	67	65	No Change/Reduction	Medium	Imperceptible / Positive
17214	13367	65	63	65	63	Negligible	Medium	Not Significant
13466	13461	72	70	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
13466	13559	67	65	67	65	No Change/Reduction	Medium	Imperceptible / Positive
13471	13223	62	60	62	60	Negligible	Low - Medium	Not Significant
13472	13475	51	49	52	50	Minor	Negligible - Low	Not Significant
13472	13483	56	54	56	54	Negligible	Negligible - Low	Not Significant
13461	13390	68	66	67	65	No Change/Reduction	Medium	Imperceptible / Positive
13461	17247	70	68	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
13464	13424	64	62	64	62	No Change/Reduction	Medium	Imperceptible / Positive
13464	13452	70	68	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
13466	13324	69	67	67	65	No Change/Reduction	Medium	Imperceptible / Positive
13466	13364	67	65	67	66	Negligible	Medium - High	Not Significant
13454	13436	63	61	63	61	No Change/Reduction	Medium	Imperceptible / Positive
13454	13442	61	59	60	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
13456	13336	60	58	60	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
13456	13431	59	57	59	57	Negligible	Low - Medium	Not Significant
13457	13458	51	49	51	49	No Change/Reduction	Negligible	Imperceptible / Positive
13457	40123	68	66	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
13458	13516	68	66	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
13447	13334	71	69	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
13447	13335	71	69	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
13447	13345	66	64	65	63	No Change/Reduction	Medium	Imperceptible / Positive
13448	13327	61	59	62	60	Negligible	Low - Medium	Not Significant
13444	13360	71	69	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive

Road Link		Do Minimum		Do Something		Magnitude of Change	Noise Level Category	Overall Significance
A	B	dB L _{den}	dB L _{Aeq,16hr}	dB L _{den}	dB L _{Aeq,16hr}			
13444	13500	66	64	66	64	No Change/Reduction	Medium	Imperceptible / Positive
13445	13334	71	69	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
13445	13515	71	69	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
13446	13327	54	52	55	53	Negligible	Negligible - Low	Not Significant
13446	13431	62	60	62	61	Negligible	Medium	Not Significant
13447	13328	66	64	66	64	No Change/Reduction	Medium	Imperceptible / Positive
13441	13439	67	65	66	64	No Change/Reduction	Medium	Imperceptible / Positive
13441	13440	69	67	70	68	Negligible	Medium - High	Not Significant
13442	13443	58	56	56	54	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13443	13336	67	65	67	65	Negligible	Medium - High	Not Significant
13443	13656	67	65	67	65	Negligible	Medium - High	Not Significant
13444	13306	72	70	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
13438	13536	55	53	55	52	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13439	13323	67	65	66	64	No Change/Reduction	Medium	Imperceptible / Positive
13439	13438	57	55	55	53	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13440	13310	54	52	54	52	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13440	13436	69	67	70	68	Negligible	Medium - High	Not Significant
13441	13326	69	67	69	67	Negligible	Medium - High	Not Significant
13436	13320	70	68	70	68	Negligible	Medium - High	Not Significant
13438	13326	57	55	55	53	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13426	13355	50	48	50	48	No Change/Reduction	Negligible	Imperceptible / Positive
13428	13348	59	57	60	58	Negligible	Low - Medium	Not Significant
13422	13556	60	58	59	57	No Change/Reduction	Low - Medium	Imperceptible / Positive
13423	13349	64	62	63	61	No Change/Reduction	Medium	Imperceptible / Positive
13423	13359	64	62	63	61	No Change/Reduction	Medium	Imperceptible / Positive
13424	13452	65	63	64	62	No Change/Reduction	Medium	Imperceptible / Positive
13425	13351	53	51	54	52	Minor	Negligible - Low	Not Significant

Road Link		Do Minimum		Do Something		Magnitude of Change	Noise Level Category	Overall Significance
A	B	dB L _{den}	dB L _{Aeq,16hr}	dB L _{den}	dB L _{Aeq,16hr}			
13426	13234	55	53	56	54	Minor	Negligible - Low	Not Significant
13420	13398	61	59	61	59	Negligible	Low - Medium	Not Significant
13420	13399	62	60	62	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
13420	13488	64	62	64	62	No Change/Reduction	Medium	Imperceptible / Positive
13422	13321	67	65	65	63	No Change/Reduction	Medium	Imperceptible / Positive
13417	13511	54	52	54	53	Minor	Negligible - Low	Not Significant
13418	13325	55	53	56	54	Negligible	Negligible - Low	Not Significant
13418	13369	55	53	55	53	Negligible	Negligible - Low	Not Significant
13418	13370	55	53	56	54	Negligible	Negligible - Low	Not Significant
13419	13361	53	51	53	51	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13419	13363	53	51	53	51	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13419	13398	53	51	53	51	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13414	13370	67	65	68	66	Negligible	Medium - High	Not Significant
13414	13486	67	65	67	66	Minor	Medium - High	Slight - Moderate
13415	13368	61	59	61	59	Negligible	Low - Medium	Not Significant
13415	13369	61	59	60	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
13416	13309	53	51	53	51	Negligible	Negligible - Low	Not Significant
13416	13321	52	50	53	52	Minor	Negligible - Low	Not Significant
13417	13325	54	52	56	54	Minor	Negligible - Low	Not Significant
13405	13659	61	59	61	60	Negligible	Low - Medium	Not Significant
13406	13239	59	57	60	58	Negligible	Low - Medium	Not Significant
13409	13376	61	59	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
13409	13398	61	59	61	59	Negligible	Low - Medium	Not Significant
13409	13403	55	53	55	53	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13411	13373	56	54	57	55	Negligible	Low - Medium	Not Significant
13412	13304	61	59	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
13414	13369	61	59	60	58	No Change/Reduction	Low - Medium	Imperceptible / Positive

Road Link		Do Minimum		Do Something		Magnitude of Change	Noise Level Category	Overall Significance
A	B	dB L _{den}	dB L _{Aeq,16hr}	dB L _{den}	dB L _{Aeq,16hr}			
13403	13377	55	53	55	52	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13403	13400	53	51	53	51	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13404	13313	53	51	56	55	Moderate	Low - Medium	Slight - Moderate
13404	13487	55	53	55	53	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13405	13239	62	60	62	60	Negligible	Low - Medium	Not Significant
13405	13314	54	52	54	52	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13400	13300	53	51	53	51	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13401	13377	55	53	55	52	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13401	13402	55	53	55	52	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13402	13302	62	60	62	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
13402	13375	62	60	62	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
13657	13297	53	51	53	51	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13657	13506	57	55	57	55	Negligible	Low - Medium	Not Significant
13659	13391	58	56	58	57	Minor	Low - Medium	Slight
13659	13393	60	58	60	57	No Change/Reduction	Low - Medium	Imperceptible / Positive
13660	13357	64	62	62	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
13633	40534	58	56	58	56	Negligible	Low - Medium	Not Significant
13634	13633	58	56	58	56	Negligible	Low - Medium	Not Significant
13637	13373	70	68	70	68	Negligible	Medium - High	Not Significant
13637	13374	70	68	70	68	Negligible	Medium - High	Not Significant
13567	13668	59	57	58	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
13571	13538	61	59	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
13633	13176	56	54	56	54	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13555	13293	63	61	63	61	Negligible	Medium	Not Significant
13556	13358	62	60	62	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
13557	13319	56	54	56	54	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13557	13368	56	54	56	54	No Change/Reduction	Negligible - Low	Imperceptible / Positive

Road Link		Do Minimum		Do Something		Magnitude of Change	Noise Level Category	Overall Significance
A	B	dB L _{den}	dB L _{Aeq,16hr}	dB L _{den}	dB L _{Aeq,16hr}			
13545	13336	67	65	67	65	Negligible	Medium - High	Not Significant
13545	13500	71	69	71	70	Negligible	Medium - High	Not Significant
13546	13375	59	57	60	58	Negligible	Low - Medium	Not Significant
13546	13482	57	55	58	56	Minor	Low - Medium	Slight
13546	13548	61	59	61	60	Minor	Low - Medium	Slight
13539	13509	71	69	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
13539	13538	73	71	73	71	No Change/Reduction	High	Imperceptible / Positive
13545	13326	69	67	69	67	Negligible	Medium - High	Not Significant
13536	13322	58	56	55	53	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13536	13358	58	56	55	53	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13537	13538	74	72	74	71	No Change/Reduction	High	Imperceptible / Positive
13528	40066	52	50	53	51	Minor	Negligible - Low	Not Significant
13533	13534	68	66	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
13533	13535	60	58	60	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
13534	13494	71	69	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
13534	13535	67	65	67	65	No Change/Reduction	Medium	Imperceptible / Positive
13535	13114	67	65	67	65	No Change/Reduction	Medium	Imperceptible / Positive
13526	13567	58	56	58	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
13527	40067	57	55	57	55	No Change/Reduction	Low - Medium	Imperceptible / Positive
13514	13466	69	67	67	65	No Change/Reduction	Medium	Imperceptible / Positive
13515	13331	59	57	57	55	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13515	40120	68	66	67	65	No Change/Reduction	Medium - High	Imperceptible / Positive
13516	13177	68	66	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
13511	13513	69	67	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
13512	13664	68	66	67	65	No Change/Reduction	Medium - High	Imperceptible / Positive
13513	13514	69	67	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
13514	13325	56	54	57	56	Minor	Low - Medium	Slight

Road Link		Do Minimum		Do Something		Magnitude of Change	Noise Level Category	Overall Significance
A	B	dB L _{den}	dB L _{Aeq,16hr}	dB L _{den}	dB L _{Aeq,16hr}			
13506	13301	57	55	58	56	Minor	Low - Medium	Slight
13506	13493	59	57	60	58	Minor	Low - Medium	Slight
13491	13490	65	63	65	63	No Change/Reduction	Medium	Imperceptible / Positive
13493	13295	66	64	65	63	No Change/Reduction	Medium	Imperceptible / Positive
13493	13374	66	64	66	64	No Change/Reduction	Medium	Imperceptible / Positive
13500	13358	63	61	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
13488	13298	53	51	53	51	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13488	13361	64	62	64	62	No Change/Reduction	Medium	Imperceptible / Positive
13486	13365	68	66	68	67	Negligible	Medium - High	Not Significant
13486	13367	65	63	65	64	Negligible	Medium	Not Significant
13487	13315	56	54	56	55	Minor	Negligible - Low	Not Significant
13487	13396	56	54	56	55	Minor	Negligible - Low	Not Significant
13474	4119	76	74	76	74	No Change/Reduction	High	Imperceptible / Positive
13475	13471	51	49	52	50	Minor	Negligible - Low	Not Significant
13481	13330	67	65	67	65	No Change/Reduction	Medium - High	Imperceptible / Positive
13482	13301	57	55	58	56	Minor	Low - Medium	Slight
13338	13320	59	57	58	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
13343	13344	68	66	69	67	Negligible	Medium - High	Not Significant
13343	13365	68	66	69	67	Negligible	Medium - High	Not Significant
13334	13333	59	57	60	59	Minor	Low - Medium	Slight
13335	13306	71	69	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
13331	13332	57	55	57	55	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13331	13333	59	57	57	55	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13332	13329	60	58	60	59	Negligible	Low - Medium	Not Significant
13333	13328	60	58	61	59	Minor	Low - Medium	Slight
13329	13328	67	65	67	65	No Change/Reduction	Medium	Imperceptible / Positive
13329	13330	67	65	67	65	No Change/Reduction	Medium - High	Imperceptible / Positive

Road Link		Do Minimum		Do Something		Magnitude of Change	Noise Level Category	Overall Significance
A	B	dB L _{den}	dB L _{Aeq,16hr}	dB L _{den}	dB L _{Aeq,16hr}			
13330	13327	61	59	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
13323	13310	57	55	57	55	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13323	13322	67	65	66	64	No Change/Reduction	Medium	Imperceptible / Positive
13324	13312	61	59	60	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
13324	13512	68	66	67	65	No Change/Reduction	Medium - High	Imperceptible / Positive
13320	13319	69	67	70	68	Negligible	Medium - High	Not Significant
13321	13322	67	65	66	64	No Change/Reduction	Medium	Imperceptible / Positive
13314	13379	54	52	54	52	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13315	13311	52	50	52	50	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13315	13376	56	54	56	55	Minor	Negligible - Low	Not Significant
13311	13313	53	51	53	51	Negligible	Negligible - Low	Not Significant
13312	13313	65	63	64	62	No Change/Reduction	Medium	Imperceptible / Positive
13312	13363	61	59	57	55	No Change/Reduction	Low - Medium	Imperceptible / Positive
13309	13310	58	56	58	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
13302	13303	53	51	53	51	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13302	13399	62	60	62	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
13303	13297	53	51	53	51	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13303	13301	53	51	53	51	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13304	13299	53	51	53	51	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13298	13296	53	51	53	51	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13298	13297	53	51	53	51	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13295	13296	66	64	65	63	No Change/Reduction	Medium	Imperceptible / Positive
13295	13359	55	53	55	53	Negligible	Negligible - Low	Not Significant
13296	13362	66	64	65	63	No Change/Reduction	Medium	Imperceptible / Positive
13290	13289	58	56	59	57	Negligible	Low - Medium	Not Significant
13290	13391	58	56	58	57	Minor	Low - Medium	Slight
13293	13281	66	64	66	63	No Change/Reduction	Medium	Imperceptible / Positive

Road Link		Do Minimum		Do Something		Magnitude of Change	Noise Level Category	Overall Significance
A	B	dB L _{den}	dB L _{Aeq,16hr}	dB L _{den}	dB L _{Aeq,16hr}			
13293	13294	63	61	62	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
13294	13289	67	65	67	65	Negligible	Medium	Not Significant
13294	13387	66	64	66	64	Negligible	Medium	Not Significant
13241	13290	55	53	54	52	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13289	13236	67	65	67	65	Negligible	Medium - High	Not Significant
13234	13349	64	62	63	61	No Change/Reduction	Medium	Imperceptible / Positive
13235	13391	52	50	52	50	No Change/Reduction	Negligible	Imperceptible / Positive
13396	13395	53	51	56	55	Moderate	Negligible - Low	Not Significant - Slight
13399	13377	53	51	53	51	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13392	13385	52	50	52	50	No Change/Reduction	Negligible	Imperceptible / Positive
13393	13382	60	58	60	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
13393	13385	53	51	53	51	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13394	13379	56	54	56	55	Negligible	Negligible - Low	Not Significant
13395	13378	67	65	67	65	Negligible	Medium - High	Not Significant
13388	13387	66	64	66	64	Negligible	Medium	Not Significant
13392	13382	53	51	53	51	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13392	13383	53	51	53	51	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13386	13381	55	53	56	54	Minor	Negligible - Low	Not Significant
13386	13383	54	52	55	53	Minor	Negligible - Low	Not Significant
13386	13385	53	51	53	51	No Change/Reduction	Negligible - Low	Imperceptible / Positive
13387	13382	60	58	60	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
13388	13384	67	65	67	65	Negligible	Medium - High	Not Significant
13383	13384	53	51	54	53	Minor	Negligible - Low	Not Significant
13384	13378	67	65	68	66	Negligible	Medium - High	Not Significant
13380	13379	57	55	57	55	Negligible	Low - Medium	Not Significant
13380	13381	57	55	57	55	Negligible	Low - Medium	Not Significant
13381	13378	55	53	55	53	No Change/Reduction	Negligible - Low	Imperceptible / Positive

Road Link		Do Minimum		Do Something		Magnitude of Change	Noise Level Category	Overall Significance
A	B	dB L _{den}	dB L _{Aeq,16hr}	dB L _{den}	dB L _{Aeq,16hr}			
13370	13364	67	65	67	66	Negligible	Medium - High	Not Significant
13373	13352	70	68	70	68	Negligible	Medium - High	Not Significant
13368	13365	61	59	61	59	Negligible	Low - Medium	Not Significant
13362	13361	64	62	64	62	No Change/Reduction	Medium	Imperceptible / Positive
13363	13357	61	59	57	55	No Change/Reduction	Low - Medium	Imperceptible / Positive
13362	13357	68	66	67	65	No Change/Reduction	Medium - High	Imperceptible / Positive
13352	13351	70	68	70	68	Negligible	Medium - High	Not Significant
13352	13425	53	51	54	52	Minor	Negligible - Low	Not Significant
13352	13426	53	51	54	53	Minor	Negligible - Low	Not Significant
13355	13356	69	67	70	68	Negligible	Medium - High	Not Significant
13350	13351	70	68	70	68	Negligible	Medium - High	Not Significant