

The background is a vibrant yellow color. It is decorated with several abstract geometric shapes in shades of blue, teal, and white. These shapes include circles, semi-circles, and rounded rectangles, some of which are partially cut off by the edges of the page. The overall aesthetic is modern and clean.

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Operational Phase
Traffic Noise Impacts

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Appendix A9.2: Noise and Vibration Results

1. Introduction

The traffic noise impact assessment for the Kimmage to City Centre Core Bus Corridor Scheme (hereafter referred to as 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 in Volume 3 of the Environmental Impact Assessment Report (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 Proposed Scheme 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 (Noise & Vibration) of Volume 3 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}			
11159	11160	60	58	61	59	Minor	Low - Medium	Slight
11159	11242	57	55	58	56	Negligible	Low - Medium	Not Significant
11159	8152	61	59	61	60	Minor	Low - Medium	Slight
11160	11243	64	62	64	62	No Change/Reduction	Medium	Imperceptible / Positive
11160	8121	62	60	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
11161	11349	69	67	70	68	Negligible	Medium - High	Not Significant
11161	22014	69	67	69	68	Negligible	Medium - High	Not Significant
11162	11163	64	62	64	62	No Change/Reduction	Medium	Imperceptible / Positive
11162	6314	64	62	64	63	Negligible	Medium	Not Significant
11163	11349	64	62	64	62	No Change/Reduction	Medium	Imperceptible / Positive
11222	11294	58	56	58	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
11222	40759	66	64	66	65	Negligible	Medium	Not Significant
11222	11224	66	64	66	64	Negligible	Medium	Not Significant
11223	11310	69	67	69	67	Negligible	Medium - High	Not Significant
11223	11267	61	59	61	59	Negligible	Low - Medium	Not Significant
11223	11294	69	67	69	67	Negligible	Medium - High	Not Significant
11224	11331	66	64	67	65	Negligible	Medium	Not Significant
11225	11334	70	68	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
11225	11227	70	68	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
11229	40881	66	64	67	65	Negligible	Medium - High	Not Significant
11229	8128	66	64	67	65	Minor	Medium - High	Slight - Moderate
11229	8315	60	58	59	57	No Change/Reduction	Low - Medium	Imperceptible / Positive
11230	11224	58	56	57	55	No Change/Reduction	Negligible - Low	Imperceptible / Positive
11230	11332	58	56	58	56	Negligible	Low - 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}			
11230	11263	58	56	58	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
11230	11277	60	58	60	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
11235	40073	53	51	53	51	Negligible	Negligible - Low	Not Significant
11235	11303	61	59	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
11236	11240	70	68	70	68	Negligible	Medium - High	Not Significant
11236	11304	66	64	67	65	Negligible	Medium	Not Significant
11236	11237	71	69	71	69	Negligible	Medium - High	Not Significant
11237	11282	71	69	71	69	Negligible	Medium - High	Not Significant
11238	11240	64	62	64	62	No Change/Reduction	Medium	Imperceptible / Positive
11238	11370	66	64	64	62	No Change/Reduction	Medium	Imperceptible / Positive
11238	40812	62	60	62	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
11240	11307	68	66	69	67	Negligible	Medium - High	Not Significant
11240	11337	57	55	57	55	No Change/Reduction	Negligible - Low	Imperceptible / Positive
11242	11243	61	59	60	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
11242	11370	61	59	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
11243	11471	64	62	64	62	Negligible	Medium	Not Significant
11244	8151	59	57	58	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
11244	11278	60	58	61	60	Minor	Low - Medium	Slight
11244	11279	60	58	61	59	Negligible	Low - Medium	Not Significant
11245	11475	57	55	57	55	No Change/Reduction	Negligible - Low	Imperceptible / Positive
11245	40267	70	68	70	68	Negligible	Medium - High	Not Significant
11245	40273	70	68	70	68	Negligible	Medium - High	Not Significant
11253	11291	70	68	70	68	Negligible	Medium - High	Not Significant
11253	11308	68	66	68	66	Negligible	Medium - High	Not Significant
11253	11282	71	69	71	69	Negligible	Medium - High	Not Significant
11255	11431	61	59	61	59	Negligible	Low - Medium	Not Significant
11255	11279	61	59	61	59	Negligible	Low - 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}			
11255	11293	60	58	60	58	Negligible	Low - Medium	Not Significant
11256	11307	69	67	69	67	Negligible	Medium - High	Not Significant
11256	40812	61	59	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
11256	11293	69	67	69	67	Negligible	Medium - High	Not Significant
11263	8315	60	58	58	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
11263	11264	60	58	59	57	No Change/Reduction	Low - Medium	Imperceptible / Positive
11263	40907	58	56	58	57	Negligible	Low - Medium	Not Significant
11264	11267	58	56	59	57	Negligible	Low - Medium	Not Significant
11264	11278	66	64	66	64	Negligible	Medium	Not Significant
11264	40759	66	64	66	64	Negligible	Medium	Not Significant
11265	8340	64	62	64	62	Negligible	Medium	Not Significant
11268	11454	60	58	60	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
11268	40141	58	56	58	56	Negligible	Low - Medium	Not Significant
11268	11292	60	58	60	58	Negligible	Low - Medium	Not Significant
11269	11270	58	56	59	57	Negligible	Low - Medium	Not Significant
11269	11310	57	55	57	55	No Change/Reduction	Low - Medium	Imperceptible / Positive
11270	11295	62	60	62	60	Negligible	Medium	Not Significant
11270	40141	58	56	58	56	Negligible	Low - Medium	Not Significant
11273	40140	67	65	67	65	No Change/Reduction	Medium - High	Imperceptible / Positive
11273	11294	69	67	69	67	Negligible	Medium - High	Not Significant
11273	11331	71	69	71	69	Negligible	Medium - High	Not Significant
11274	11269	59	57	59	58	Negligible	Low - Medium	Not Significant
11274	11293	61	59	61	59	Negligible	Low - Medium	Not Significant
11275	11432	60	58	60	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
11275	11274	59	57	59	58	Negligible	Low - Medium	Not Significant
11277	11331	70	68	70	68	Negligible	Medium - High	Not Significant
11277	40273	70	68	70	68	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}			
11278	40881	66	64	67	65	Minor	Medium - High	Slight - Moderate
11279	11280	57	55	57	55	No Change/Reduction	Low - Medium	Imperceptible / Positive
11280	11370	64	62	63	61	No Change/Reduction	Medium	Imperceptible / Positive
11280	8151	64	62	63	61	No Change/Reduction	Medium	Imperceptible / Positive
11283	11348	63	61	63	61	No Change/Reduction	Medium	Imperceptible / Positive
11283	11284	64	62	64	62	No Change/Reduction	Medium	Imperceptible / Positive
11285	11496	70	68	70	68	Negligible	Medium - High	Not Significant
11285	11284	61	59	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
11285	11291	70	68	70	68	Negligible	Medium - High	Not Significant
11286	40073	68	66	68	66	Negligible	Medium - High	Not Significant
11287	11471	63	61	63	62	Negligible	Medium	Not Significant
11287	11288	64	62	64	62	No Change/Reduction	Medium	Imperceptible / Positive
11287	11291	61	59	62	60	Negligible	Medium	Not Significant
11288	11337	59	57	59	57	No Change/Reduction	Low - Medium	Imperceptible / Positive
11292	11474	67	65	67	65	No Change/Reduction	Medium	Imperceptible / Positive
11293	11310	69	67	69	67	Negligible	Medium - High	Not Significant
11295	11296	67	65	67	65	Negligible	Medium	Not Significant
11295	11302	67	65	67	65	Negligible	Medium	Not Significant
11296	11311	67	65	67	65	Negligible	Medium - High	Not Significant
11296	11298	61	59	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
11302	40811	67	65	67	65	Negligible	Medium - High	Not Significant
11302	11275	57	55	58	56	Negligible	Low - Medium	Not Significant
11303	11304	66	64	66	64	Negligible	Medium	Not Significant
11303	40811	67	65	67	65	Negligible	Medium - High	Not Significant
11308	40073	67	65	68	66	Negligible	Medium - High	Not Significant
11320	22014	69	67	69	68	Negligible	Medium - High	Not Significant
11320	6307	69	67	69	68	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}			
11320	6315	58	56	58	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
11331	40271	69	67	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
11332	8418	56	54	56	54	No Change/Reduction	Negligible - Low	Imperceptible / Positive
11333	40138	62	60	62	60	Negligible	Low - Medium	Not Significant
11333	11334	62	60	62	60	Negligible	Low - Medium	Not Significant
11334	40271	69	67	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
11337	11282	59	57	58	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
11348	40777	69	67	70	68	Negligible	Medium - High	Not Significant
11348	11349	69	67	70	68	Negligible	Medium - High	Not Significant
11431	40812	61	59	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
11432	40811	63	61	63	61	No Change/Reduction	Medium	Imperceptible / Positive
11441	40004	57	55	57	55	No Change/Reduction	Low - Medium	Imperceptible / Positive
11441	8267	60	58	59	57	No Change/Reduction	Low - Medium	Imperceptible / Positive
11474	40140	67	65	67	65	No Change/Reduction	Medium - High	Imperceptible / Positive
11475	40137	56	54	56	54	No Change/Reduction	Negligible - Low	Imperceptible / Positive
11496	40777	70	68	70	68	Negligible	Medium - High	Not Significant
2100	2327	68	65	69	66	Negligible	Medium - High	Not Significant
2100	2301	72	69	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
2100	2303	73	70	73	70	Negligible	Medium - High	Not Significant
2112	2245	67	63	67	63	No Change/Reduction	Medium	Imperceptible / Positive
2112	2258	66	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
2113	2244	72	69	72	69	Negligible	Medium - High	Not Significant
2121	2440	68	65	68	65	No Change/Reduction	Medium - High	Imperceptible / Positive
2125	2440	64	61	64	61	No Change/Reduction	Medium	Imperceptible / Positive
2131	2257	64	60	63	60	No Change/Reduction	Medium	Imperceptible / Positive
2131	2368	67	64	67	64	No Change/Reduction	Medium	Imperceptible / Positive
2132	2134	64	61	64	61	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}			
2133	2426	67	64	67	64	No Change/Reduction	Medium	Imperceptible / Positive
2134	2135	64	61	64	61	No Change/Reduction	Medium	Imperceptible / Positive
2134	2440	66	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
2155	6263	64	61	64	61	No Change/Reduction	Medium	Imperceptible / Positive
2155	2112	62	59	62	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
2155	2156	65	62	65	62	No Change/Reduction	Medium	Imperceptible / Positive
2156	2458	73	70	73	70	Negligible	Medium - High	Not Significant
2200	2329	72	69	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
2244	2412	72	69	72	69	Negligible	Medium - High	Not Significant
2245	2522	67	64	67	64	No Change/Reduction	Medium	Imperceptible / Positive
2245	6111	67	64	67	64	Negligible	Medium	Not Significant
2251	2259	60	57	60	57	Negligible	Low - Medium	Not Significant
2256	2132	64	61	64	61	No Change/Reduction	Medium	Imperceptible / Positive
2257	2132	63	60	63	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
2257	2410	70	67	70	67	No Change/Reduction	Medium - High	Imperceptible / Positive
2258	6110	66	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
2259	2134	64	61	64	61	No Change/Reduction	Medium	Imperceptible / Positive
2299	2300	71	68	71	68	Negligible	Medium - High	Not Significant
2300	2256	61	58	61	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
2300	2410	72	68	72	69	Negligible	Medium - High	Not Significant
2301	2302	72	69	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
2302	3141	62	59	62	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
2302	2329	72	69	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
2303	2304	74	71	74	71	Negligible	High	Not Significant - Slight
2303	2411	73	70	73	70	Negligible	High	Not Significant - Slight
2304	6251	74	71	74	71	Negligible	High	Not Significant - Slight
2305	2303	73	70	73	70	Negligible	High	Not Significant - 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}			
2327	2456	68	65	68	65	No Change/Reduction	Medium - High	Imperceptible / Positive
2327	2299	71	68	71	68	Negligible	Medium - High	Not Significant
2410	2454	72	69	72	69	Negligible	Medium - High	Not Significant
2410	2416	70	66	70	67	Negligible	Medium - High	Not Significant
2411	3260	73	70	73	70	Negligible	Medium - High	Not Significant
2411	6186	63	60	63	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
2412	2416	72	69	72	69	Negligible	Medium - High	Not Significant
2416	2245	68	65	68	65	No Change/Reduction	Medium - High	Imperceptible / Positive
2416	6999	73	70	73	70	Negligible	Medium - High	Not Significant
2433	2131	65	61	65	61	No Change/Reduction	Medium	Imperceptible / Positive
2439	2257	70	67	70	67	No Change/Reduction	Medium - High	Imperceptible / Positive
2440	2439	70	67	70	67	No Change/Reduction	Medium - High	Imperceptible / Positive
2454	2199	71	68	71	68	Negligible	Medium - High	Not Significant
2454	2572	66	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
2456	2259	62	59	62	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
2456	2133	67	64	67	64	No Change/Reduction	Medium	Imperceptible / Positive
2458	2305	73	70	73	70	Negligible	High	Not Significant - Slight
2458	2327	72	68	72	68	No Change/Reduction	Medium - High	Imperceptible / Positive
2484	2244	64	61	64	61	No Change/Reduction	Medium	Imperceptible / Positive
2522	2484	64	61	64	61	No Change/Reduction	Medium	Imperceptible / Positive
2572	2131	66	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
2700	6306	72	69	71	67	No Change/Reduction	Medium - High	Imperceptible / Positive
2700	38991	73	70	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
28696	2100	71	68	71	68	Negligible	Medium - High	Not Significant
3100	3138	71	68	71	68	Negligible	Medium - High	Not Significant
3100	3260	67	64	67	64	No Change/Reduction	Medium	Imperceptible / Positive
3138	3270	71	68	71	69	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}			
3141	3241	66	62	66	62	No Change/Reduction	Medium	Imperceptible / Positive
3141	3161	65	62	65	62	No Change/Reduction	Medium	Imperceptible / Positive
3143	3141	63	60	63	60	No Change/Reduction	Medium	Imperceptible / Positive
3143	3277	66	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
3160	7155	65	62	65	62	No Change/Reduction	Medium	Imperceptible / Positive
3161	3277	63	60	63	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
3240	3241	65	62	65	62	No Change/Reduction	Medium	Imperceptible / Positive
3260	3259	73	70	73	70	Negligible	High	Not Significant - Slight
3260	7232	66	63	66	62	No Change/Reduction	Medium	Imperceptible / Positive
3270	28696	71	68	71	68	Negligible	Medium - High	Not Significant
3270	3161	62	59	62	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
3277	3138	62	59	62	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
38991	6220	72	69	70	67	No Change/Reduction	Medium - High	Imperceptible / Positive
40000	6581	57	54	55	52	No Change/Reduction	Negligible - Low	Imperceptible / Positive
40000	6524	62	59	62	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
40001	40000	61	58	61	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
40002	40001	51	48	51	48	No Change/Reduction	Negligible	Imperceptible / Positive
40002	40003	61	58	61	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
40002	6140	63	60	63	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
40002	6141	61	57	60	57	No Change/Reduction	Low - Medium	Imperceptible / Positive
40003	6212	71	68	71	68	No Change/Reduction	Medium - High	Imperceptible / Positive
40003	6216	71	68	71	68	Negligible	Medium - High	Not Significant
40004	6306	71	68	71	68	No Change/Reduction	Medium - High	Imperceptible / Positive
40004	6315	71	68	71	68	No Change/Reduction	Medium - High	Imperceptible / Positive
40060	8438	57	55	58	56	Negligible	Low - Medium	Not Significant
40060	8443	57	55	58	56	Negligible	Low - Medium	Not Significant
40060	8133	52	50	52	50	No Change/Reduction	Negligible	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}			
40071	6198	63	60	63	60	No Change/Reduction	Medium	Imperceptible / Positive
40077	6186	69	66	69	66	No Change/Reduction	Medium - High	Imperceptible / Positive
40077	7198	69	66	69	66	No Change/Reduction	Medium - High	Imperceptible / Positive
40077	40078	59	56	59	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
40078	40080	59	56	59	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
40079	7227	72	69	72	69	Negligible	Medium - High	Not Significant
40079	40078	59	56	59	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
40079	40080	72	69	72	69	Negligible	Medium - High	Not Significant
40080	7247	72	69	72	69	Negligible	Medium - High	Not Significant
40099	7145	63	60	64	60	Negligible	Medium	Not Significant
40099	6127	57	54	57	54	No Change/Reduction	Negligible - Low	Imperceptible / Positive
40099	6179	59	56	59	56	Negligible	Low - Medium	Not Significant
40112	8344	57	55	55	53	No Change/Reduction	Negligible - Low	Imperceptible / Positive
40112	8438	57	55	55	53	No Change/Reduction	Negligible - Low	Imperceptible / Positive
40112	40113	51	49	51	49	No Change/Reduction	Negligible	Imperceptible / Positive
40113	8442	51	49	51	49	No Change/Reduction	Negligible	Imperceptible / Positive
40115	40118	56	54	56	54	Negligible	Negligible - Low	Not Significant
40115	40116	56	54	56	54	Negligible	Negligible - Low	Not Significant
40115	40117	51	49	51	49	No Change/Reduction	Negligible	Imperceptible / Positive
40116	8545	56	54	56	54	Negligible	Negligible - Low	Not Significant
40117	40766	51	49	51	49	No Change/Reduction	Negligible	Imperceptible / Positive
40118	8442	58	56	58	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
40139	40140	53	51	53	51	No Change/Reduction	Negligible - Low	Imperceptible / Positive
40139	40141	53	51	53	51	No Change/Reduction	Negligible - Low	Imperceptible / Positive
40150	8318	69	67	69	67	Negligible	Medium - High	Not Significant
40150	8347	69	67	69	67	Negligible	Medium - High	Not Significant
40152	8319	55	53	56	55	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}			
40152	8320	55	53	56	55	Minor	Low - Medium	Slight
40152	8303	53	51	53	51	No Change/Reduction	Negligible - Low	Imperceptible / Positive
40171	7177	70	66	70	66	No Change/Reduction	Medium - High	Imperceptible / Positive
40251	40300	71	68	71	68	No Change/Reduction	Medium - High	Imperceptible / Positive
40251	7124	71	68	71	68	No Change/Reduction	Medium - High	Imperceptible / Positive
40255	8323	70	68	65	63	No Change/Reduction	Medium	Imperceptible / Positive
40255	8344	70	68	65	63	No Change/Reduction	Medium	Imperceptible / Positive
40267	50005	70	68	70	68	Negligible	Medium - High	Not Significant
40269	8338	70	68	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
40269	8339	70	68	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
40300	40301	62	59	62	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
40300	7205	71	67	70	67	No Change/Reduction	Medium - High	Imperceptible / Positive
40301	40834	58	55	58	55	No Change/Reduction	Negligible - Low	Imperceptible / Positive
40301	7138	62	59	62	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
40303	6220	72	69	71	68	No Change/Reduction	Medium - High	Imperceptible / Positive
40303	6571	72	69	71	68	No Change/Reduction	Medium - High	Imperceptible / Positive
40303	40304	58	55	58	55	No Change/Reduction	Negligible - Low	Imperceptible / Positive
40304	6353	59	55	58	55	No Change/Reduction	Negligible - Low	Imperceptible / Positive
40304	6484	59	55	58	55	No Change/Reduction	Negligible - Low	Imperceptible / Positive
40755	7130	64	61	63	60	No Change/Reduction	Medium	Imperceptible / Positive
40757	7153	68	65	67	64	No Change/Reduction	Medium	Imperceptible / Positive
40761	7131	62	59	62	59	Negligible	Low - Medium	Not Significant
40761	6192	61	58	61	58	Negligible	Low - Medium	Not Significant
40762	8388	70	68	67	65	No Change/Reduction	Medium	Imperceptible / Positive
40762	8441	58	56	59	57	Negligible	Low - Medium	Not Significant
40762	8305	70	68	67	65	No Change/Reduction	Medium - High	Imperceptible / Positive
40763	8441	60	58	59	57	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}			
40763	40765	59	57	57	55	No Change/Reduction	Negligible - Low	Imperceptible / Positive
40765	50004	70	68	65	63	No Change/Reduction	Medium	Imperceptible / Positive
40765	8388	70	68	65	63	No Change/Reduction	Medium	Imperceptible / Positive
40766	8550	56	54	56	54	Negligible	Negligible - Low	Not Significant
40769	8415	54	52	56	55	Moderate	#N/A	0
40769	8134	55	53	56	55	Minor	Negligible - Low	Not Significant
40770	8127	58	56	58	57	Negligible	Low - Medium	Not Significant
40770	8148	58	56	59	57	Minor	Low - Medium	Slight
40776	11162	61	59	61	60	Negligible	Low - Medium	Not Significant
40814	8107	67	65	67	65	Negligible	Medium - High	Not Significant
40814	8551	57	55	57	55	No Change/Reduction	Negligible - Low	Imperceptible / Positive
40831	7289	68	65	69	65	Negligible	Medium - High	Not Significant
40831	7126	73	70	73	70	Negligible	Medium - High	Not Significant
40831	7217	73	70	73	70	No Change/Reduction	High	Imperceptible / Positive
40834	7226	58	55	58	55	No Change/Reduction	Low - Medium	Imperceptible / Positive
40876	6244	65	62	65	62	Negligible	Medium	Not Significant
40907	8343	61	59	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
40910	8145	53	51	53	51	No Change/Reduction	Negligible - Low	Imperceptible / Positive
40910	8453	58	56	58	56	Negligible	Low - Medium	Not Significant
40912	6523	62	59	62	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
40912	6228	64	61	64	61	No Change/Reduction	Medium	Imperceptible / Positive
40912	6486	62	59	62	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
40915	7127	69	66	69	66	No Change/Reduction	Medium - High	Imperceptible / Positive
40915	7204	69	66	69	66	No Change/Reduction	Medium - High	Imperceptible / Positive
50004	8344	70	68	65	63	No Change/Reduction	Medium	Imperceptible / Positive
50005	8338	70	68	70	68	Negligible	Medium - High	Not Significant
50006	8323	68	66	65	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}			
50006	8135	68	66	65	63	No Change/Reduction	Medium	Imperceptible / Positive
6100	6316	69	66	69	66	Negligible	Medium - High	Not Significant
6100	6317	62	59	62	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
6100	6272	70	67	70	67	Negligible	Medium - High	Not Significant
6105	6196	67	64	67	64	No Change/Reduction	Medium	Imperceptible / Positive
6105	6331	61	58	61	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
6106	6356	73	70	73	70	Negligible	High	Not Significant - Slight
6106	6401	73	70	73	70	Negligible	High	Not Significant - Slight
6107	6214	70	66	70	67	Negligible	Medium - High	Not Significant
6107	6216	69	65	69	66	Negligible	Medium - High	Not Significant
6108	6209	70	67	70	67	Negligible	Medium - High	Not Significant
6109	2458	72	69	72	69	Negligible	Medium - High	Not Significant
6109	6288	65	62	65	62	No Change/Reduction	Medium	Imperceptible / Positive
6110	6111	70	67	71	67	Negligible	Medium - High	Not Significant
6110	6410	71	68	71	68	No Change/Reduction	Medium - High	Imperceptible / Positive
6111	6369	70	67	71	67	Negligible	Medium - High	Not Significant
6126	6220	72	69	72	69	Negligible	Medium - High	Not Significant
6126	7209	72	69	72	69	Negligible	Medium - High	Not Significant
6127	6333	61	58	61	58	Negligible	Low - Medium	Not Significant
6127	7123	59	56	59	56	Negligible	Low - Medium	Not Significant
6129	6353	59	56	59	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
6129	6217	61	58	61	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
6130	6212	71	68	71	68	No Change/Reduction	Medium - High	Imperceptible / Positive
6130	6215	62	58	62	59	Negligible	Low - Medium	Not Significant
6130	6131	70	67	70	67	No Change/Reduction	Medium - High	Imperceptible / Positive
6130	6420	67	64	68	65	Negligible	Medium	Not Significant
6131	6132	70	67	69	66	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}			
6131	6486	64	61	64	61	No Change/Reduction	Medium	Imperceptible / Positive
6132	6217	61	58	61	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
6132	6133	70	66	69	66	No Change/Reduction	Medium - High	Imperceptible / Positive
6133	6134	69	66	69	66	No Change/Reduction	Medium - High	Imperceptible / Positive
6134	6484	70	67	70	66	No Change/Reduction	Medium - High	Imperceptible / Positive
6134	6523	64	60	63	60	No Change/Reduction	Medium	Imperceptible / Positive
6135	6220	70	67	70	66	No Change/Reduction	Medium - High	Imperceptible / Positive
6135	6484	70	67	70	66	No Change/Reduction	Medium - High	Imperceptible / Positive
6136	6212	62	59	62	59	Negligible	Low - Medium	Not Significant
6136	6214	64	60	64	61	Negligible	Medium	Not Significant
6136	6215	63	60	63	60	Negligible	Medium	Not Significant
6137	6370	70	67	71	68	Negligible	Medium - High	Not Significant
6137	6249	70	67	70	67	Negligible	Medium - High	Not Significant
6138	6330	70	67	70	67	Negligible	Medium - High	Not Significant
6138	6430	69	66	69	67	Negligible	Medium - High	Not Significant
6138	6434	59	56	59	56	Negligible	Low - Medium	Not Significant
6139	6177	69	66	69	66	Negligible	Medium - High	Not Significant
6139	6193	72	69	72	69	Negligible	Medium - High	Not Significant
6139	6322	70	67	70	67	Negligible	Medium - High	Not Significant
6139	6376	71	68	71	68	Negligible	Medium - High	Not Significant
6140	6286	69	66	70	67	Negligible	Medium - High	Not Significant
6140	6582	70	67	70	67	Negligible	Medium - High	Not Significant
6141	6420	61	58	61	58	Negligible	Low - Medium	Not Significant
6141	6524	62	59	62	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
6141	6212	62	59	63	60	Negligible	Low - Medium	Not Significant
6142	6208	69	66	69	66	No Change/Reduction	Medium - High	Imperceptible / Positive
6158	6384	72	68	72	69	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}			
6158	6386	72	68	72	69	Negligible	Medium - High	Not Significant
6167	6168	69	66	68	65	No Change/Reduction	Medium - High	Imperceptible / Positive
6167	6184	63	60	64	62	Minor	Medium	Slight
6168	6318	72	69	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
6168	6319	71	68	70	67	No Change/Reduction	Medium - High	Imperceptible / Positive
6168	6361	70	67	70	66	No Change/Reduction	Medium - High	Imperceptible / Positive
6168	8508	70	67	69	66	No Change/Reduction	Medium - High	Imperceptible / Positive
6169	6179	71	68	71	68	No Change/Reduction	Medium - High	Imperceptible / Positive
6169	6319	72	69	71	68	No Change/Reduction	Medium - High	Imperceptible / Positive
6170	6364	57	54	59	57	Minor	Low - Medium	Slight
6170	6583	60	57	61	58	Negligible	Low - Medium	Not Significant
6170	6183	67	64	68	65	Negligible	Medium - High	Not Significant
6170	6194	67	64	68	65	Negligible	Medium - High	Not Significant
6171	6488	61	58	61	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
6171	6172	67	64	67	64	Negligible	Medium	Not Significant
6171	6183	67	64	67	65	Negligible	Medium	Not Significant
6172	6197	64	60	63	60	No Change/Reduction	Medium	Imperceptible / Positive
6172	6362	67	64	67	64	Negligible	Medium	Not Significant
6173	6261	68	65	68	64	No Change/Reduction	Medium	Imperceptible / Positive
6174	6173	68	65	68	64	No Change/Reduction	Medium	Imperceptible / Positive
6175	6174	68	65	67	64	No Change/Reduction	Medium	Imperceptible / Positive
6175	6439	70	67	70	67	No Change/Reduction	Medium - High	Imperceptible / Positive
6176	6434	58	55	58	55	No Change/Reduction	Negligible - Low	Imperceptible / Positive
6177	6352	58	55	58	55	No Change/Reduction	Low - Medium	Imperceptible / Positive
6177	6178	57	54	58	55	Minor	Low - Medium	Slight
6177	6344	70	67	70	67	Negligible	Medium - High	Not Significant
6178	6193	64	61	64	61	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}			
6178	6583	58	55	59	56	Negligible	Low - Medium	Not Significant
6179	6575	69	66	68	65	No Change/Reduction	Medium	Imperceptible / Positive
6180	6237	66	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
6181	7128	60	57	60	57	No Change/Reduction	Low - Medium	Imperceptible / Positive
6181	7131	62	59	62	59	Negligible	Low - Medium	Not Significant
6181	6262	67	64	67	64	No Change/Reduction	Medium	Imperceptible / Positive
6182	7131	62	59	62	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
6182	6401	71	68	71	68	Negligible	Medium - High	Not Significant
6182	6413	71	68	71	68	Negligible	Medium - High	Not Significant
6183	6189	71	67	71	68	Negligible	Medium - High	Not Significant
6183	6184	71	68	71	68	Negligible	Medium - High	Not Significant
6184	6290	70	67	70	67	No Change/Reduction	Medium - High	Imperceptible / Positive
6185	7184	72	69	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
6185	6318	72	69	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
6186	6251	68	65	68	65	Negligible	Medium - High	Not Significant
6186	6428	64	61	63	60	No Change/Reduction	Medium	Imperceptible / Positive
6189	6193	71	68	71	68	Negligible	Medium - High	Not Significant
6192	6106	56	53	56	53	No Change/Reduction	Negligible - Low	Imperceptible / Positive
6192	6360	60	57	61	58	Negligible	Low - Medium	Not Significant
6194	6217	55	52	55	52	No Change/Reduction	Negligible - Low	Imperceptible / Positive
6194	6581	67	64	68	65	Negligible	Medium - High	Not Significant
6195	6174	57	54	57	55	Negligible	Negligible - Low	Not Significant
6195	6320	68	65	68	65	No Change/Reduction	Medium - High	Imperceptible / Positive
6196	6433	66	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
6196	6438	69	65	68	65	No Change/Reduction	Medium - High	Imperceptible / Positive
6197	6580	63	60	63	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
6198	6321	61	58	61	58	Negligible	Low - 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}			
6198	6376	63	60	63	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
6199	6282	64	61	64	61	No Change/Reduction	Medium	Imperceptible / Positive
6200	6342	71	68	71	68	No Change/Reduction	Medium - High	Imperceptible / Positive
6200	6356	73	70	73	70	Negligible	High	Not Significant - Slight
6200	6195	68	65	68	65	Negligible	Medium - High	Not Significant
6200	6289	71	68	71	68	No Change/Reduction	Medium - High	Imperceptible / Positive
6208	6108	69	66	69	66	Negligible	Medium - High	Not Significant
6208	6273	67	64	68	65	Negligible	Medium	Not Significant
6209	6107	65	61	65	62	Negligible	Medium	Not Significant
6209	6216	69	66	69	66	No Change/Reduction	Medium - High	Imperceptible / Positive
6213	6230	70	67	71	67	Negligible	Medium - High	Not Significant
6213	6245	71	68	71	68	Negligible	Medium - High	Not Significant
6213	6371	69	66	69	66	Negligible	Medium - High	Not Significant
6214	7406	70	66	70	67	Negligible	Medium - High	Not Significant
6215	6228	63	60	63	60	Negligible	Medium	Not Significant
6216	6419	72	69	72	69	Negligible	Medium - High	Not Significant
6218	6176	58	55	58	55	No Change/Reduction	Negligible - Low	Imperceptible / Positive
6219	6452	69	66	69	66	No Change/Reduction	Medium - High	Imperceptible / Positive
6219	6281	65	62	65	62	No Change/Reduction	Medium	Imperceptible / Positive
6230	6231	70	67	71	67	Negligible	Medium - High	Not Significant
6230	2484	62	59	62	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
6231	6369	70	67	71	67	Negligible	Medium - High	Not Significant
6235	6236	71	68	71	68	Negligible	Medium - High	Not Significant
6235	6451	70	67	70	67	Negligible	Medium - High	Not Significant
6236	6245	70	67	70	67	Negligible	Medium - High	Not Significant
6236	2255	65	62	65	62	Negligible	Medium	Not Significant
6237	6238	64	61	64	61	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}			
6237	40876	65	62	65	62	No Change/Reduction	Medium	Imperceptible / Positive
6238	6292	66	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
6238	6247	65	62	65	62	No Change/Reduction	Medium	Imperceptible / Positive
6244	6432	67	64	67	64	No Change/Reduction	Medium	Imperceptible / Positive
6245	6244	65	62	65	62	No Change/Reduction	Medium	Imperceptible / Positive
6246	6249	69	66	69	66	Negligible	Medium - High	Not Significant
6246	6430	69	66	69	67	Negligible	Medium - High	Not Significant
6246	6442	67	63	67	63	No Change/Reduction	Medium	Imperceptible / Positive
6247	6441	67	64	67	64	No Change/Reduction	Medium	Imperceptible / Positive
6248	6431	66	63	66	63	Negligible	Medium	Not Significant
6248	6441	64	61	64	60	No Change/Reduction	Medium	Imperceptible / Positive
6249	6248	65	62	65	62	No Change/Reduction	Medium	Imperceptible / Positive
6250	6341	62	59	62	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
6250	6251	65	62	65	62	Negligible	Medium	Not Significant
6250	6288	66	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
6251	6341	73	70	73	70	Negligible	Medium - High	Not Significant
6252	6427	65	62	65	62	No Change/Reduction	Medium	Imperceptible / Positive
6252	6440	66	63	66	63	Negligible	Medium	Not Significant
6261	6528	68	65	69	66	Negligible	Medium - High	Not Significant
6261	6362	70	67	71	68	Negligible	Medium - High	Not Significant
6262	6363	65	62	65	62	No Change/Reduction	Medium	Imperceptible / Positive
6263	6342	70	67	70	67	No Change/Reduction	Medium - High	Imperceptible / Positive
6263	6410	72	69	72	69	Negligible	Medium - High	Not Significant
6272	6589	70	67	70	67	Negligible	Medium - High	Not Significant
6273	6108	66	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
6273	6589	70	67	70	67	Negligible	Medium - High	Not Significant
6281	6199	64	61	64	61	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}			
6281	6518	67	64	67	64	No Change/Reduction	Medium	Imperceptible / Positive
6282	6218	55	52	55	52	No Change/Reduction	Negligible - Low	Imperceptible / Positive
6282	6386	72	68	72	69	Negligible	Medium - High	Not Significant
6282	6435	71	68	71	68	Negligible	Medium - High	Not Significant
6286	6287	65	62	65	62	Negligible	Medium	Not Significant
6287	6412	70	67	70	67	Negligible	Medium - High	Not Significant
6287	6419	71	68	71	68	Negligible	Medium - High	Not Significant
6289	6109	72	69	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
6290	8508	70	67	69	66	No Change/Reduction	Medium - High	Imperceptible / Positive
6290	6319	61	58	61	57	No Change/Reduction	Low - Medium	Imperceptible / Positive
6292	6247	66	63	67	63	Negligible	Medium	Not Significant
6306	8565	71	68	71	68	Negligible	Medium - High	Not Significant
6306	8267	71	69	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
6307	6317	69	66	70	67	Negligible	Medium - High	Not Significant
6307	6314	71	68	71	68	No Change/Reduction	Medium - High	Imperceptible / Positive
6307	6315	71	68	71	68	No Change/Reduction	Medium - High	Imperceptible / Positive
6314	6316	71	68	71	68	No Change/Reduction	Medium - High	Imperceptible / Positive
6317	7406	70	66	70	67	Negligible	Medium - High	Not Significant
6318	7145	60	57	60	57	No Change/Reduction	Low - Medium	Imperceptible / Positive
6320	6359	72	69	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
6320	6361	68	65	68	65	No Change/Reduction	Medium - High	Imperceptible / Positive
6321	6329	70	67	70	67	Negligible	Medium - High	Not Significant
6321	6322	70	67	70	67	Negligible	Medium - High	Not Significant
6325	6348	65	62	65	62	No Change/Reduction	Medium	Imperceptible / Positive
6325	6326	64	61	64	61	No Change/Reduction	Medium	Imperceptible / Positive
6326	6327	66	63	66	63	Negligible	Medium	Not Significant
6327	6246	65	62	65	62	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}			
6327	6248	62	59	62	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
6328	6197	61	58	61	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
6329	6328	58	55	58	55	No Change/Reduction	Low - Medium	Imperceptible / Positive
6329	6330	70	67	70	67	Negligible	Medium - High	Not Significant
6330	6532	57	54	57	54	Negligible	Negligible - Low	Not Significant
6331	6332	63	60	63	60	Negligible	Low - Medium	Not Significant
6332	6249	65	62	65	62	No Change/Reduction	Medium	Imperceptible / Positive
6332	6439	69	66	69	66	No Change/Reduction	Medium - High	Imperceptible / Positive
6333	6179	68	65	67	64	No Change/Reduction	Medium	Imperceptible / Positive
6337	6142	69	66	69	66	No Change/Reduction	Medium - High	Imperceptible / Positive
6341	6402	73	70	73	70	Negligible	Medium - High	Not Significant
6342	6175	68	65	68	64	No Change/Reduction	Medium	Imperceptible / Positive
6343	6451	67	64	67	64	Negligible	Medium	Not Significant
6344	6582	70	67	70	67	Negligible	Medium - High	Not Significant
6347	6348	68	64	68	64	No Change/Reduction	Medium	Imperceptible / Positive
6347	6418	65	62	65	62	No Change/Reduction	Medium	Imperceptible / Positive
6347	6434	65	62	65	62	No Change/Reduction	Medium	Imperceptible / Positive
6348	6326	63	60	63	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
6352	6199	58	55	58	55	No Change/Reduction	Negligible - Low	Imperceptible / Positive
6353	6366	59	56	59	56	Negligible	Low - Medium	Not Significant
6357	6467	66	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
6357	6457	66	63	66	63	Negligible	Medium	Not Significant
6359	6360	72	69	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
6360	6200	72	69	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
6361	6167	70	67	70	67	No Change/Reduction	Medium - High	Imperceptible / Positive
6361	6363	70	67	70	66	No Change/Reduction	Medium - High	Imperceptible / Positive
6362	6361	66	63	66	62	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}			
6362	6438	69	65	68	65	No Change/Reduction	Medium - High	Imperceptible / Positive
6363	6320	70	67	69	66	No Change/Reduction	Medium - High	Imperceptible / Positive
6364	6179	58	55	58	55	Negligible	Low - Medium	Not Significant
6364	6530	61	58	61	59	Minor	Low - Medium	Slight
6366	6571	72	69	71	68	No Change/Reduction	Medium - High	Imperceptible / Positive
6366	6333	69	66	68	65	No Change/Reduction	Medium	Imperceptible / Positive
6370	6371	70	67	71	68	Negligible	Medium - High	Not Significant
6371	6180	66	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
6376	6435	72	68	72	69	Negligible	Medium - High	Not Significant
6383	6384	68	65	68	65	Negligible	Medium - High	Not Significant
6383	6452	68	65	68	65	Negligible	Medium	Not Significant
6401	6402	72	69	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
6406	6357	66	63	66	63	Negligible	Medium	Not Significant
6411	6446	61	58	61	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
6412	6208	67	64	68	65	Negligible	Medium	Not Significant
6412	6219	68	65	68	65	No Change/Reduction	Medium - High	Imperceptible / Positive
6413	6402	65	62	65	62	Negligible	Medium	Not Significant
6413	6428	72	69	72	69	Negligible	Medium - High	Not Significant
6417	6418	63	60	63	60	Negligible	Low - Medium	Not Significant
6419	6286	67	64	67	64	Negligible	Medium	Not Significant
6420	6581	67	64	68	65	Negligible	Medium	Not Significant
6424	6452	68	65	68	65	No Change/Reduction	Medium - High	Imperceptible / Positive
6428	7247	72	69	73	70	Negligible	Medium - High	Not Significant
6428	40755	64	61	64	61	No Change/Reduction	Medium	Imperceptible / Positive
6431	6137	66	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
6431	6180	63	60	63	60	No Change/Reduction	Medium	Imperceptible / Positive
6432	6238	67	64	67	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}			
6432	6437	64	61	64	61	No Change/Reduction	Medium	Imperceptible / Positive
6433	6580	64	61	64	61	No Change/Reduction	Medium	Imperceptible / Positive
6434	40071	63	60	63	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
6437	6451	64	61	64	61	No Change/Reduction	Medium	Imperceptible / Positive
6438	6173	60	56	60	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
6441	6325	66	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
6442	6105	66	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
6442	6331	62	59	62	59	Negligible	Low - Medium	Not Significant
6446	6437	61	58	61	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
6451	6241	67	64	67	64	Negligible	Medium	Not Significant
6452	6337	69	66	69	66	Negligible	Medium - High	Not Significant
6457	6252	66	63	66	64	Negligible	Medium	Not Significant
6467	6417	64	61	64	61	No Change/Reduction	Medium	Imperceptible / Positive
6477	6328	61	58	61	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
6488	6477	61	58	61	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
6528	6320	68	65	68	66	Negligible	Medium - High	Not Significant
6530	6575	62	58	62	60	Minor	Low - Medium	Slight
6532	40071	57	54	57	54	Negligible	Negligible - Low	Not Significant
6575	6366	69	66	69	66	No Change/Reduction	Medium - High	Imperceptible / Positive
6580	6138	62	59	62	59	Negligible	Low - Medium	Not Significant
6582	40001	61	58	61	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
6999	2156	73	70	73	70	Negligible	Medium - High	Not Significant
7102	7216	68	65	68	65	Negligible	Medium	Not Significant
7102	7255	66	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
7103	7132	66	63	66	63	Negligible	Medium	Not Significant
7118	7119	64	61	64	61	Negligible	Medium	Not Significant
7118	7269	67	64	67	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}			
7119	7120	69	66	69	66	Negligible	Medium - High	Not Significant
7119	7225	61	58	61	58	Negligible	Low - Medium	Not Significant
7120	7210	67	64	67	64	Negligible	Medium	Not Significant
7121	7122	60	57	61	58	Negligible	Low - Medium	Not Significant
7121	7140	62	59	62	59	Negligible	Low - Medium	Not Significant
7121	7156	60	57	60	57	No Change/Reduction	Low - Medium	Imperceptible / Positive
7121	7212	65	62	65	62	No Change/Reduction	Medium	Imperceptible / Positive
7122	7144	60	57	60	57	Negligible	Low - Medium	Not Significant
7122	7225	61	58	61	58	Negligible	Low - Medium	Not Significant
7123	7156	63	60	63	60	Negligible	Medium	Not Significant
7124	7125	71	68	71	68	No Change/Reduction	Medium - High	Imperceptible / Positive
7125	7126	71	68	71	68	No Change/Reduction	Medium - High	Imperceptible / Positive
7125	7269	67	64	67	64	Negligible	Medium	Not Significant
7126	7152	66	63	67	64	Negligible	Medium	Not Significant
7127	7228	66	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
7127	7238	67	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
7128	40757	67	64	66	63	No Change/Reduction	Medium	Imperceptible / Positive
7129	7128	64	61	64	61	No Change/Reduction	Medium	Imperceptible / Positive
7130	7129	64	61	63	60	No Change/Reduction	Medium	Imperceptible / Positive
7130	7131	61	58	61	58	Negligible	Low - Medium	Not Significant
7132	7133	73	70	73	70	Negligible	Medium - High	Not Significant
7132	7155	72	69	72	69	Negligible	Medium - High	Not Significant
7133	7134	73	70	73	70	Negligible	High	Not Significant - Slight
7134	7135	68	65	68	65	No Change/Reduction	Medium	Imperceptible / Positive
7134	7227	72	69	72	69	Negligible	Medium - High	Not Significant
7134	7232	70	67	70	67	Negligible	Medium - High	Not Significant
7135	7136	66	63	66	63	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}			
7135	7171	71	67	71	68	Negligible	Medium - High	Not Significant
7135	7255	68	65	69	65	Negligible	Medium - High	Not Significant
7136	7137	68	65	68	65	No Change/Reduction	Medium - High	Imperceptible / Positive
7137	7227	68	65	68	65	Negligible	Medium - High	Not Significant
7138	7146	66	62	66	62	No Change/Reduction	Medium	Imperceptible / Positive
7138	7226	63	60	63	60	Negligible	Medium	Not Significant
7138	7139	66	63	66	63	Negligible	Medium	Not Significant
7139	7205	71	67	70	67	No Change/Reduction	Medium - High	Imperceptible / Positive
7139	7150	71	68	71	68	No Change/Reduction	Medium - High	Imperceptible / Positive
7139	7204	65	62	65	62	Negligible	Medium	Not Significant
7140	7144	61	58	61	58	Negligible	Low - Medium	Not Significant
7140	7226	64	61	64	61	Negligible	Medium	Not Significant
7141	7142	59	56	59	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
7141	7170	57	54	57	54	No Change/Reduction	Negligible - Low	Imperceptible / Positive
7142	7171	68	65	68	66	Negligible	Medium - High	Not Significant
7142	7152	66	63	67	64	Negligible	Medium	Not Significant
7145	7168	64	61	64	61	No Change/Reduction	Medium	Imperceptible / Positive
7146	7168	66	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
7146	7185	64	61	64	61	Negligible	Medium	Not Significant
7150	7185	71	68	71	68	No Change/Reduction	Medium - High	Imperceptible / Positive
7152	7216	65	62	65	62	Negligible	Medium	Not Significant
7153	6185	67	64	67	64	No Change/Reduction	Medium	Imperceptible / Positive
7153	7228	66	63	67	63	Negligible	Medium	Not Significant
7154	7136	66	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
7154	7129	64	61	64	61	No Change/Reduction	Medium	Imperceptible / Positive
7155	7222	72	69	72	69	Negligible	Medium - High	Not Significant
7170	7204	69	66	69	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}			
7170	7297	65	62	65	62	No Change/Reduction	Medium	Imperceptible / Positive
7171	7297	65	62	65	62	No Change/Reduction	Medium	Imperceptible / Positive
7176	7177	52	50	52	50	No Change/Reduction	Negligible - Low	Imperceptible / Positive
7176	8268	52	50	52	50	No Change/Reduction	Negligible - Low	Imperceptible / Positive
7176	8269	52	50	52	50	No Change/Reduction	Negligible - Low	Imperceptible / Positive
7177	7211	70	66	70	66	No Change/Reduction	Medium - High	Imperceptible / Positive
7184	7224	69	66	69	66	No Change/Reduction	Medium - High	Imperceptible / Positive
7184	7239	71	68	71	68	Negligible	Medium - High	Not Significant
7185	7239	71	68	71	68	No Change/Reduction	Medium - High	Imperceptible / Positive
7198	7232	69	66	69	66	No Change/Reduction	Medium - High	Imperceptible / Positive
7206	7222	72	69	72	69	Negligible	Medium - High	Not Significant
7208	7213	72	69	72	69	Negligible	Medium - High	Not Significant
7208	7298	62	59	62	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
7208	7209	72	69	72	69	Negligible	Medium - High	Not Significant
7209	7123	60	57	60	57	Negligible	Low - Medium	Not Significant
7210	7211	72	68	72	69	Negligible	Medium - High	Not Significant
7210	7219	71	68	71	68	Negligible	Medium - High	Not Significant
7210	7258	72	69	72	69	Negligible	Medium - High	Not Significant
7211	8171	69	67	69	68	Negligible	Medium - High	Not Significant
7211	8565	71	68	71	68	Negligible	Medium - High	Not Significant
7212	7258	66	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
7213	7258	71	68	72	69	Negligible	Medium - High	Not Significant
7213	7260	67	63	67	63	No Change/Reduction	Medium	Imperceptible / Positive
7215	7216	67	64	67	64	Negligible	Medium	Not Significant
7217	7218	73	70	73	70	Negligible	High	Not Significant - Slight
7217	7259	65	62	65	62	No Change/Reduction	Medium	Imperceptible / Positive
7218	7254	74	71	74	71	No Change/Reduction	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}			
7218	7259	64	61	64	61	No Change/Reduction	Medium	Imperceptible / Positive
7219	7242	71	68	71	68	Negligible	Medium - High	Not Significant
7224	7238	69	66	69	65	No Change/Reduction	Medium - High	Imperceptible / Positive
7228	7296	67	64	66	63	No Change/Reduction	Medium	Imperceptible / Positive
7242	7256	71	68	72	68	Negligible	Medium - High	Not Significant
7255	7103	66	63	66	63	Negligible	Medium	Not Significant
7269	7289	66	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
7296	7154	67	64	66	63	No Change/Reduction	Medium	Imperceptible / Positive
7296	7297	63	60	63	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
7298	7156	62	59	62	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
8103	8104	69	67	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
8103	8385	69	67	70	68	Negligible	Medium - High	Not Significant
8103	8138	68	66	69	67	Minor	Medium - High	Slight - Moderate
8103	8143	70	68	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
8104	8373	69	67	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
8104	8552	57	55	57	55	Negligible	Low - Medium	Not Significant
8105	8265	67	65	62	60	No Change/Reduction	Medium	Imperceptible / Positive
8105	8384	67	65	62	60	No Change/Reduction	Medium	Imperceptible / Positive
8107	8540	71	69	71	70	Negligible	Medium - High	Not Significant
8107	8110	52	50	55	54	Moderate	Negligible - Low	Not Significant - Slight
8107	8157	69	67	69	68	Minor	Medium - High	Slight - Moderate
8108	8120	58	56	58	56	Negligible	Low - Medium	Not Significant
8108	8109	58	56	59	57	Negligible	Low - Medium	Not Significant
8108	8114	55	53	56	54	Negligible	Negligible - Low	Not Significant
8109	8110	56	54	58	57	Minor	Low - Medium	Slight
8109	8118	59	57	60	59	Minor	Low - Medium	Slight
8110	8155	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}			
8111	8146	65	63	65	64	Minor	Medium	Slight
8111	8112	65	63	65	64	Minor	Medium	Slight
8112	8543	59	57	58	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
8112	8113	64	62	66	64	Minor	Medium	Slight
8112	8116	61	59	62	60	Negligible	Medium	Not Significant
8113	8114	64	62	66	64	Minor	Medium	Slight
8114	8326	56	54	56	54	No Change/Reduction	Negligible - Low	Imperceptible / Positive
8114	8559	64	62	66	65	Minor	Medium	Slight
8115	8383	55	53	55	53	Negligible	Negligible - Low	Not Significant
8115	8543	56	54	57	55	Minor	Negligible - Low	Not Significant
8115	8154	56	54	57	55	Minor	Low - Medium	Slight
8116	8345	62	60	63	61	Negligible	Medium	Not Significant
8116	8136	58	56	59	57	Minor	Low - Medium	Slight
8117	8118	60	58	60	59	Minor	Low - Medium	Slight
8117	8310	60	58	60	59	Minor	Low - Medium	Slight
8118	8213	70	68	70	68	Negligible	Medium - High	Not Significant
8118	8541	70	68	70	68	Negligible	Medium - High	Not Significant
8119	8155	54	52	54	53	Negligible	Negligible - Low	Not Significant
8119	8383	56	54	56	54	Negligible	Negligible - Low	Not Significant
8119	8120	55	53	55	53	Negligible	Negligible - Low	Not Significant
8120	8451	55	53	55	53	Negligible	Negligible - Low	Not Significant
8121	8150	69	67	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
8121	8122	70	68	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
8122	8124	58	56	59	58	Minor	Low - Medium	Slight
8122	8265	69	67	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
8123	8135	68	66	65	63	No Change/Reduction	Medium	Imperceptible / Positive
8123	8127	68	66	65	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}			
8124	8125	68	66	62	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
8124	8384	68	66	64	62	No Change/Reduction	Medium	Imperceptible / Positive
8125	8126	68	66	62	60	No Change/Reduction	Medium	Imperceptible / Positive
8125	8149	63	61	62	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
8126	8127	68	66	62	60	No Change/Reduction	Medium	Imperceptible / Positive
8126	8130	52	50	49	47	No Change/Reduction	Negligible	Imperceptible / Positive
8128	8151	65	63	63	61	No Change/Reduction	Medium	Imperceptible / Positive
8128	8413	67	65	68	66	Minor	Medium - High	Slight - Moderate
8128	8152	69	67	69	67	Negligible	Medium - High	Not Significant
8128	8314	70	68	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
8129	8130	55	53	56	54	Negligible	Negligible - Low	Not Significant
8129	8149	62	60	62	61	Minor	Medium	Slight
8130	8413	54	52	56	55	Moderate	Low - Medium	Slight - Moderate
8131	8148	66	64	67	66	Minor	Medium - High	Slight - Moderate
8131	8132	67	65	67	66	Minor	Medium - High	Slight - Moderate
8132	8133	67	65	67	66	Minor	Medium - High	Slight - Moderate
8132	8147	53	51	53	51	Negligible	Negligible - Low	Not Significant
8133	8147	51	49	51	49	No Change/Reduction	Negligible	Imperceptible / Positive
8133	8415	66	64	67	66	Minor	Medium - High	Slight - Moderate
8134	8135	53	51	54	53	Minor	Negligible - Low	Not Significant
8134	8147	52	50	52	50	Negligible	Negligible	Not Significant
8136	8323	70	68	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
8136	8146	70	68	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
8137	8551	58	56	58	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
8137	8145	53	51	53	51	Negligible	Negligible - Low	Not Significant
8137	8157	68	66	69	68	Minor	Medium - High	Slight - Moderate
8137	8144	68	66	69	68	Minor	Medium - High	Slight - Moderate

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}			
8138	8376	65	63	66	64	Minor	Medium	Slight
8140	8213	56	54	55	53	No Change/Reduction	Negligible - Low	Imperceptible / Positive
8142	8143	62	60	63	61	Negligible	Medium	Not Significant
8142	8154	56	54	57	55	Minor	Low - Medium	Slight
8142	8453	62	60	62	60	Negligible	Medium	Not Significant
8143	8146	70	68	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
8144	8376	66	64	67	65	Minor	Medium - High	Slight - Moderate
8144	8138	65	63	66	64	Minor	Medium	Slight
8145	8153	53	51	53	51	Negligible	Negligible - Low	Not Significant
8145	8450	53	51	53	51	No Change/Reduction	Negligible - Low	Imperceptible / Positive
8148	8413	67	65	68	66	Minor	Medium - High	Slight - Moderate
8150	8129	58	56	59	57	Minor	Low - Medium	Slight
8150	8152	69	67	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
8153	8154	54	52	54	52	Negligible	Negligible - Low	Not Significant
8153	8383	54	52	54	52	Negligible	Negligible - Low	Not Significant
8155	8450	54	52	55	53	Negligible	Negligible - Low	Not Significant
8166	8169	67	65	67	65	No Change/Reduction	Medium	Imperceptible / Positive
8169	8275	67	65	67	65	No Change/Reduction	Medium - High	Imperceptible / Positive
8170	8268	57	55	57	55	No Change/Reduction	Low - Medium	Imperceptible / Positive
8170	8172	59	57	60	58	Negligible	Low - Medium	Not Significant
8171	8172	69	67	70	68	Negligible	Medium - High	Not Significant
8171	8269	57	55	57	55	No Change/Reduction	Negligible - Low	Imperceptible / Positive
8172	8385	69	67	70	68	Negligible	Medium - High	Not Significant
8172	8456	62	60	62	60	Negligible	Medium	Not Significant
8213	8214	69	67	70	68	Negligible	Medium - High	Not Significant
8213	8215	58	56	58	56	Negligible	Low - Medium	Not Significant
8215	8297	58	56	57	55	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}			
8215	8299	58	56	58	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
8221	8292	58	56	58	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
8265	8266	71	69	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
8266	8567	72	70	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
8267	8567	71	69	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
8274	8275	67	65	68	66	Negligible	Medium - High	Not Significant
8275	8276	58	56	58	56	Negligible	Low - Medium	Not Significant
8275	8551	58	56	58	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
8291	8332	69	67	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
8291	8412	64	62	65	64	Minor	Medium	Slight
8291	8294	69	67	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
8291	9126	53	51	52	50	No Change/Reduction	Negligible - Low	Imperceptible / Positive
8292	8298	58	56	58	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
8292	8299	60	58	60	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
8294	8295	69	67	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
8295	9125	53	51	54	52	Minor	Negligible - Low	Not Significant
8296	8322	54	52	54	53	Negligible	Negligible - Low	Not Significant
8296	8412	63	61	65	63	Minor	Medium	Slight
8296	8297	58	56	57	55	No Change/Reduction	Negligible - Low	Imperceptible / Positive
8296	8310	63	61	65	63	Minor	Medium	Slight
8297	8298	54	52	54	52	No Change/Reduction	Negligible - Low	Imperceptible / Positive
8298	8412	58	56	58	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
8301	8328	58	56	58	56	Negligible	Low - Medium	Not Significant
8301	8347	57	55	57	55	No Change/Reduction	Low - Medium	Imperceptible / Positive
8302	8306	68	66	69	67	Negligible	Medium - High	Not Significant
8302	8330	68	66	69	67	Negligible	Medium - High	Not Significant
8303	8306	68	66	68	66	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}			
8303	8336	68	66	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
8304	8305	70	68	66	64	No Change/Reduction	Medium	Imperceptible / Positive
8304	8396	70	68	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
8304	8333	70	68	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
8304	8334	68	66	68	66	Negligible	Medium - High	Not Significant
8306	8320	59	57	60	58	Negligible	Low - Medium	Not Significant
8307	8440	64	62	63	61	No Change/Reduction	Medium	Imperceptible / Positive
8307	8302	56	54	57	55	Negligible	Negligible - Low	Not Significant
8307	8341	64	62	63	61	No Change/Reduction	Medium	Imperceptible / Positive
8308	8309	60	58	60	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
8308	8349	55	53	56	54	Minor	Negligible - Low	Not Significant
8308	8398	60	58	59	57	No Change/Reduction	Low - Medium	Imperceptible / Positive
8309	8316	53	51	52	50	No Change/Reduction	Negligible - Low	Imperceptible / Positive
8309	8319	60	58	60	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
8310	8554	60	58	61	60	Minor	Medium	Slight
8310	8559	64	62	66	65	Minor	Medium	Slight
8311	8555	54	52	57	56	Moderate	Low - Medium	Slight - Moderate
8311	8557	58	56	60	59	Moderate	Low - Medium	Slight - Moderate
8311	8322	54	52	54	52	Negligible	Negligible - Low	Not Significant
8312	8313	60	58	59	57	No Change/Reduction	Low - Medium	Imperceptible / Positive
8312	8346	60	58	59	57	No Change/Reduction	Low - Medium	Imperceptible / Positive
8313	8317	56	54	57	55	Minor	Low - Medium	Slight
8313	8319	61	59	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
8314	8315	62	60	60	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
8314	8348	70	68	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
8316	8317	53	51	53	51	No Change/Reduction	Negligible - Low	Imperceptible / Positive
8316	9115	53	51	53	51	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}			
8317	9151	56	54	56	55	Minor	Negligible - Low	Not Significant
8321	8346	59	57	58	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
8322	8553	54	52	54	52	Negligible	Negligible - Low	Not Significant
8323	8415	68	66	68	67	Minor	Medium - High	Slight - Moderate
8324	8340	70	68	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
8324	8387	70	68	70	68	Negligible	Medium - High	Not Significant
8324	8328	61	59	61	59	Negligible	Low - Medium	Not Significant
8325	8326	60	58	57	55	No Change/Reduction	Low - Medium	Imperceptible / Positive
8325	8388	62	60	63	61	Negligible	Medium	Not Significant
8325	8557	60	58	61	60	Minor	Medium	Slight
8326	8345	60	58	56	54	No Change/Reduction	Negligible - Low	Imperceptible / Positive
8327	8330	68	66	68	67	Negligible	Medium - High	Not Significant
8327	8337	68	66	68	67	Negligible	Medium - High	Not Significant
8328	8337	61	59	61	59	Negligible	Low - Medium	Not Significant
8329	8347	69	67	69	67	Negligible	Medium - High	Not Significant
8329	8337	69	67	69	67	Negligible	Medium - High	Not Significant
8330	8338	71	69	71	70	Negligible	Medium - High	Not Significant
8331	8335	55	53	56	54	Minor	Negligible - Low	Not Significant
8331	8349	55	53	56	54	Minor	Negligible - Low	Not Significant
8332	9121	65	63	65	63	Negligible	Medium	Not Significant
8332	8333	70	68	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
8334	8335	68	66	68	66	Negligible	Medium - High	Not Significant
8335	8336	68	66	68	66	Negligible	Medium - High	Not Significant
8336	8441	60	58	60	59	Negligible	Low - Medium	Not Significant
8338	8342	70	68	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
8339	8327	49	47	49	47	No Change/Reduction	Negligible	Imperceptible / Positive
8339	8340	70	68	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}			
8341	8342	70	68	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
8341	8523	69	67	69	67	Negligible	Medium - High	Not Significant
8343	8348	69	67	70	68	Negligible	Medium - High	Not Significant
8343	8418	70	68	70	68	Negligible	Medium - High	Not Significant
8343	8548	61	59	61	60	Minor	Low - Medium	Slight
8346	9153	56	54	57	55	Negligible	Negligible - Low	Not Significant
8348	8547	61	59	60	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
8376	8453	60	58	61	59	Negligible	Low - Medium	Not Significant
8396	8397	70	68	67	65	No Change/Reduction	Medium - High	Imperceptible / Positive
8397	8398	70	68	67	65	No Change/Reduction	Medium - High	Imperceptible / Positive
8398	9257	69	67	67	65	No Change/Reduction	Medium	Imperceptible / Positive
8415	8443	58	56	59	58	Minor	Low - Medium	Slight
8418	8523	70	68	70	68	Negligible	Medium - High	Not Significant
8438	8442	58	56	58	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
8440	8549	60	58	60	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
8540	8541	70	68	70	68	Negligible	Medium - High	Not Significant
8541	8542	58	56	58	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
8545	8547	59	57	60	58	Negligible	Low - Medium	Not Significant
8545	8550	56	54	56	54	Negligible	Negligible - Low	Not Significant
8547	8548	62	60	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
8548	8549	63	61	63	61	No Change/Reduction	Medium	Imperceptible / Positive
8551	8552	55	53	55	53	No Change/Reduction	Negligible - Low	Imperceptible / Positive
8553	8554	57	55	57	55	Negligible	Negligible - Low	Not Significant
8554	8555	54	52	57	56	Moderate	Low - Medium	Slight - Moderate
9102	9106	61	59	62	60	Negligible	Low - Medium	Not Significant
9102	9114	69	67	67	65	No Change/Reduction	Medium	Imperceptible / Positive
9102	9116	69	67	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}			
9103	9105	56	54	55	53	No Change/Reduction	Negligible - Low	Imperceptible / Positive
9103	9110	56	54	55	53	No Change/Reduction	Negligible - Low	Imperceptible / Positive
9103	9104	51	49	51	49	No Change/Reduction	Negligible	Imperceptible / Positive
9105	9111	56	54	55	53	No Change/Reduction	Negligible - Low	Imperceptible / Positive
9105	9126	53	51	52	50	No Change/Reduction	Negligible	Imperceptible / Positive
9106	9234	58	56	57	55	No Change/Reduction	Low - Medium	Imperceptible / Positive
9110	9128	53	51	54	52	Negligible	Negligible - Low	Not Significant
9110	9237	58	56	58	56	Negligible	Low - Medium	Not Significant
9111	9121	64	62	64	62	No Change/Reduction	Medium	Imperceptible / Positive
9111	9223	64	62	63	61	No Change/Reduction	Medium	Imperceptible / Positive
9112	9223	64	62	63	61	No Change/Reduction	Medium	Imperceptible / Positive
9114	9115	69	67	67	65	No Change/Reduction	Medium - High	Imperceptible / Positive
9114	9151	58	56	56	54	No Change/Reduction	Negligible - Low	Imperceptible / Positive
9115	9257	69	67	67	65	No Change/Reduction	Medium - High	Imperceptible / Positive
9116	9117	60	58	61	59	Minor	Low - Medium	Slight
9117	9153	55	53	54	52	No Change/Reduction	Negligible - Low	Imperceptible / Positive
9117	9174	61	59	61	59	Negligible	Low - Medium	Not Significant
9125	9126	52	50	52	50	No Change/Reduction	Negligible	Imperceptible / Positive
9125	9128	53	51	54	52	Minor	Negligible - Low	Not Significant
9127	9128	51	49	52	50	Negligible	Negligible	Not Significant
9151	9174	59	57	59	57	Negligible	Low - Medium	Not Significant