

The background is a vibrant yellow. It is decorated with several abstract geometric shapes in shades of blue, teal, and white. These include circles, semi-circles, and rounded rectangular shapes, some of which are layered or overlapping. The shapes are scattered across the page, creating a modern and dynamic visual effect.

Appendix A9.2

Operational Phase Traffic Noise Impacts

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1. Introduction

The traffic noise impact assessment for the Proposed Scheme is included in Table 1. 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 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}			
2142	2316	61	58	63	61	Minor	Medium	Slight
2142	2414	73	70	73	70	Negligible	High	Not Significant - Slight
2141	2146	61	57	61	57	No Change/Reduction	Low - Medium	Imperceptible / Positive
2142	2141	73	70	73	70	Negligible	High	Not Significant - Slight
2143	2426	67	64	67	64	No Change/Reduction	Medium	Imperceptible / Positive
2144	2138	68	65	65	62	No Change/Reduction	Medium	Imperceptible / Positive
2143	2137	73	70	73	70	No Change/Reduction	Medium - High	Imperceptible / Positive
2143	2288	72	69	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
2145	2414	68	65	68	65	Negligible	Medium - High	Not Significant
2146	2123	61	57	61	57	No Change/Reduction	Low - Medium	Imperceptible / Positive
2144	2251	68	65	67	64	No Change/Reduction	Medium	Imperceptible / Positive
2145	2249	59	56	59	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
2147	2139	64	60	63	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
2147	2248	64	61	63	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
2146	2124	61	57	61	57	No Change/Reduction	Low - Medium	Imperceptible / Positive
2136	2251	66	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
2137	2138	73	70	73	70	No Change/Reduction	Medium - High	Imperceptible / Positive
2136	2135	67	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
2136	2250	60	57	60	58	Minor	Low - Medium	Slight
2138	2139	73	69	73	70	Negligible	Medium - High	Not Significant
2137	2248	68	65	67	64	No Change/Reduction	Medium	Imperceptible / Positive
2139	2140	73	70	73	70	Negligible	High	Not Significant - Slight
2141	2140	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}			
2124	2450	72	69	73	70	Minor	High	Slight - Moderate
2125	2440	64	61	64	61	Negligible	Medium	Not Significant
2124	2407	72	69	73	70	Minor	High	Slight - Moderate
2129	2130	65	62	65	62	No Change/Reduction	Medium	Imperceptible / Positive
2130	2121	64	61	64	61	No Change/Reduction	Medium	Imperceptible / Positive
2129	2118	68	65	68	65	Negligible	Medium - High	Not Significant
2129	2125	64	61	64	61	Negligible	Medium	Not Significant
2132	2134	64	61	64	61	Negligible	Medium	Not Significant
2133	2426	67	64	67	65	Negligible	Medium	Not Significant
2130	2597	65	62	65	62	No Change/Reduction	Medium	Imperceptible / Positive
2131	2257	64	60	64	60	No Change/Reduction	Medium	Imperceptible / Positive
2135	2121	66	63	64	61	No Change/Reduction	Medium	Imperceptible / Positive
2134	2135	64	61	64	61	No Change/Reduction	Medium	Imperceptible / Positive
2134	2440	66	63	67	64	Negligible	Medium	Not Significant
2100	2327	69	66	69	66	Negligible	Medium - High	Not Significant
2109	2122	69	65	68	65	No Change/Reduction	Medium - High	Imperceptible / Positive
2100	2301	72	69	72	70	Negligible	Medium - High	Not Significant
2100	2303	73	70	73	70	Negligible	High	Not Significant - Slight
2117	2596	67	64	67	65	Negligible	Medium	Not Significant
2118	2117	70	67	70	67	Negligible	Medium - High	Not Significant
2109	2145	62	59	63	61	Minor	Medium	Slight
2117	2436	67	64	67	64	No Change/Reduction	Medium	Imperceptible / Positive
2121	2440	68	65	68	65	No Change/Reduction	Medium	Imperceptible / Positive
2122	2121	67	64	68	65	Negligible	Medium	Not Significant
2118	2290	69	66	69	66	Negligible	Medium - High	Not Significant
2123	2414	72	69	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}			
2123	2450	72	69	73	70	Negligible	High	Not Significant - Slight
2122	2316	69	66	69	66	Negligible	Medium - High	Not Significant
2299	2300	71	68	71	68	Negligible	Medium - High	Not Significant
2300	2256	61	58	61	58	Negligible	Low - Medium	Not Significant
2292	2290	69	66	69	66	Negligible	Medium - High	Not Significant
2292	2451	69	66	70	67	Negligible	Medium - High	Not Significant
2301	2302	72	69	72	70	Negligible	Medium - High	Not Significant
2300	2410	71	68	72	68	No Change/Reduction	Medium - High	Imperceptible / Positive
2303	2304	74	71	74	71	No Change/Reduction	High	Imperceptible / Positive
2302	2329	72	69	72	70	Negligible	Medium - High	Not Significant
2302	3141	62	59	62	59	Negligible	Low - Medium	Not Significant
2304	6251	74	71	74	71	No Change/Reduction	High	Imperceptible / Positive
2305	2303	72	69	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
2303	2411	73	70	73	69	No Change/Reduction	Medium - High	Imperceptible / Positive
2284	2288	72	69	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
2285	2226	72	69	72	70	Negligible	Medium - High	Not Significant
2259	2134	64	61	64	62	Negligible	Medium	Not Significant
2284	2286	72	69	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
2286	2285	72	69	72	70	Negligible	Medium - High	Not Significant
2286	2202	70	67	70	67	Negligible	Medium - High	Not Significant
2287	3111	71	68	71	68	Negligible	Medium - High	Not Significant
2286	2287	72	69	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
2291	2292	61	58	61	58	Negligible	Low - Medium	Not Significant
2226	2222	72	69	72	70	Negligible	Medium - High	Not Significant
2250	2140	60	57	61	58	Negligible	Low - Medium	Not Significant
2250	2144	63	60	60	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}			
2248	3111	68	65	67	64	No Change/Reduction	Medium	Imperceptible / Positive
2249	2451	66	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
2251	2259	61	58	59	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
2250	2316	65	62	62	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
2257	2132	63	60	63	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
2257	2410	70	67	70	67	Negligible	Medium - High	Not Significant
2251	2426	66	63	67	64	Minor	Medium	Slight
2256	2132	64	61	64	61	Negligible	Medium	Not Significant
2155	6263	65	62	65	63	Negligible	Medium	Not Significant
2156	2155	66	63	66	63	Negligible	Medium	Not Significant
2155	2112	62	59	62	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
2200	2329	72	69	72	70	Negligible	Medium - High	Not Significant
2200	2426	65	62	66	63	Negligible	Medium	Not Significant
2156	2458	73	70	73	70	Negligible	Medium - High	Not Significant
2200	2222	72	69	72	69	Negligible	Medium - High	Not Significant
2201	2222	62	59	63	60	Negligible	Low - Medium	Not Significant
2201	3106	65	62	66	63	Minor	Medium	Slight
2200	3142	62	58	62	59	Negligible	Low - Medium	Not Significant
2201	2202	64	61	65	62	Minor	Medium	Slight
2202	3195	70	67	70	67	No Change/Reduction	Medium - High	Imperceptible / Positive
3108	3107	59	56	59	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
3108	3166	62	59	62	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
3107	3125	60	57	60	58	Negligible	Low - Medium	Not Significant
3107	3182	62	59	62	59	Negligible	Low - Medium	Not Significant
3110	3156	68	65	69	67	Minor	Medium - High	Slight - Moderate
3110	3188	67	64	67	65	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}			
3109	3116	64	61	64	61	Negligible	Medium	Not Significant
3109	3245	64	61	64	61	Negligible	Medium	Not Significant
3111	3197	72	69	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
3110	3263	61	58	62	60	Minor	Medium	Slight
3113	3245	64	61	64	61	Negligible	Medium	Not Significant
3114	3113	62	59	62	59	Negligible	Low - Medium	Not Significant
3112	3257	64	61	64	61	Negligible	Medium	Not Significant
2458	2305	72	69	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
2458	2327	71	68	71	68	Negligible	Medium - High	Not Significant
2456	2133	67	64	67	65	Negligible	Medium	Not Significant
2456	2259	62	59	63	60	Minor	Medium	Slight
2597	2596	67	64	67	64	No Change/Reduction	Medium	Imperceptible / Positive
2611	3282	72	69	72	69	Negligible	Medium - High	Not Significant
2458	6109	72	69	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
2596	2109	69	66	69	66	Negligible	Medium - High	Not Significant
3101	3112	60	57	60	57	No Change/Reduction	Low - Medium	Imperceptible / Positive
3101	3139	71	68	71	68	Negligible	Medium - High	Not Significant
3100	3138	71	68	72	69	Negligible	Medium - High	Not Significant
3100	3260	67	64	66	63	No Change/Reduction	Medium	Imperceptible / Positive
3106	3142	64	61	65	63	Minor	Medium	Slight
3101	3144	68	65	68	65	Negligible	Medium - High	Not Significant
2415	2291	65	62	65	62	Negligible	Medium	Not Significant
2416	6999	73	70	73	70	No Change/Reduction	Medium - High	Imperceptible / Positive
2415	2129	67	63	67	64	Negligible	Medium	Not Significant
2417	2407	72	69	72	70	Minor	Medium - High	Slight - Moderate
2417	3110	66	63	67	65	Minor	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}			
2439	2257	70	67	70	67	Negligible	Medium - High	Not Significant
2440	2439	70	67	70	67	Negligible	Medium - High	Not Significant
2436	2145	67	64	67	64	No Change/Reduction	Medium	Imperceptible / Positive
2450	2249	66	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
2327	2299	71	68	71	68	Negligible	Medium - High	Not Significant
2316	2135	66	62	66	63	Negligible	Medium	Not Significant
2327	2456	68	65	68	66	Negligible	Medium - High	Not Significant
2407	3238	60	57	61	59	Minor	Low - Medium	Slight
2410	2416	70	67	70	67	Negligible	Medium - High	Not Significant
2407	2448	63	60	64	61	Negligible	Medium	Not Significant
2411	6186	63	60	62	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
2410	2454	72	69	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
2411	3260	73	70	73	69	No Change/Reduction	Medium - High	Imperceptible / Positive
3142	3240	65	62	66	63	Minor	Medium	Slight
3143	3141	63	60	63	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
3141	3241	66	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
3144	3262	73	70	73	70	Negligible	High	Not Significant - Slight
3145	3266	69	66	67	64	No Change/Reduction	Medium	Imperceptible / Positive
3143	3277	66	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
3144	3160	67	64	67	64	Negligible	Medium	Not Significant
3147	3145	63	60	63	60	Negligible	Medium	Not Significant
3148	3147	62	59	62	60	Negligible	Low - Medium	Not Significant
3146	3145	69	66	66	63	No Change/Reduction	Medium	Imperceptible / Positive
3146	40753	69	66	69	66	No Change/Reduction	Medium - High	Imperceptible / Positive
3148	3252	64	61	64	60	No Change/Reduction	Medium	Imperceptible / Positive
3149	3148	72	69	70	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}			
3148	3158	72	69	69	66	No Change/Reduction	Medium - High	Imperceptible / Positive
3126	40818	67	64	68	65	Negligible	Medium	Not Significant
3127	3125	70	67	69	65	No Change/Reduction	Medium - High	Imperceptible / Positive
3125	3229	69	66	67	64	No Change/Reduction	Medium	Imperceptible / Positive
3126	3140	67	64	63	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
3134	3164	59	56	59	57	Minor	Low - Medium	Slight
3134	3188	67	64	67	64	Negligible	Medium	Not Significant
3127	3150	71	68	71	68	Negligible	Medium - High	Not Significant
3127	40818	68	64	68	65	Negligible	Medium	Not Significant
3139	3158	71	68	70	66	No Change/Reduction	Medium - High	Imperceptible / Positive
3139	3259	71	68	69	66	No Change/Reduction	Medium - High	Imperceptible / Positive
3134	3189	66	63	67	64	Negligible	Medium	Not Significant
3138	3270	71	68	72	69	Negligible	Medium - High	Not Significant
3140	3294	72	69	71	68	No Change/Reduction	Medium - High	Imperceptible / Positive
3141	3161	65	62	65	62	Negligible	Medium	Not Significant
3139	3265	71	67	71	69	Minor	Medium - High	Slight - Moderate
3121	3119	64	60	62	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
3121	3167	64	61	64	61	Negligible	Medium	Not Significant
3120	3167	64	61	62	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
3120	3313	60	57	60	58	Minor	Low - Medium	Slight
3122	3152	62	59	60	57	No Change/Reduction	Low - Medium	Imperceptible / Positive
3122	3178	56	53	55	52	No Change/Reduction	Negligible - Low	Imperceptible / Positive
3122	3119	64	60	62	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
3122	3120	54	51	55	53	Minor	Negligible - Low	Not Significant
3123	3178	65	62	64	61	No Change/Reduction	Medium	Imperceptible / Positive
3124	3123	65	62	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}			
3123	3120	59	56	59	56	Negligible	Low - Medium	Not Significant
3124	3155	65	61	61	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
3124	3175	58	55	59	57	Minor	Low - Medium	Slight
3115	3167	63	60	62	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
3115	3250	60	57	57	54	No Change/Reduction	Negligible - Low	Imperceptible / Positive
3114	3153	64	61	65	62	Negligible	Medium	Not Significant
3115	3116	66	63	66	63	Negligible	Medium	Not Significant
3116	3167	64	61	64	61	Negligible	Medium	Not Significant
3117	3118	63	60	64	61	Minor	Medium	Slight
3118	3152	70	67	70	68	Negligible	Medium - High	Not Significant
3118	3255	70	67	70	67	Negligible	Medium - High	Not Significant
3117	3245	61	58	62	59	Minor	Low - Medium	Slight
3179	3181	71	68	64	61	No Change/Reduction	Medium	Imperceptible / Positive
3179	3246	72	69	65	62	No Change/Reduction	Medium	Imperceptible / Positive
3178	3151	66	62	65	62	No Change/Reduction	Medium	Imperceptible / Positive
3179	3180	65	62	62	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
3181	3175	71	68	64	61	No Change/Reduction	Medium	Imperceptible / Positive
3180	3155	65	62	62	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
3183	3184	73	70	70	66	No Change/Reduction	Medium - High	Imperceptible / Positive
3183	3254	70	67	66	63	No Change/Reduction	Medium	Imperceptible / Positive
3182	3198	63	59	62	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
3184	3185	72	69	66	63	No Change/Reduction	Medium	Imperceptible / Positive
3183	3272	73	70	70	67	No Change/Reduction	Medium - High	Imperceptible / Positive
3183	3317	61	58	61	58	Negligible	Low - Medium	Not Significant
3168	3205	71	68	68	65	No Change/Reduction	Medium	Imperceptible / Positive
3168	3227	70	67	68	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}			
3168	3191	72	69	67	63	No Change/Reduction	Medium	Imperceptible / Positive
3171	3199	65	62	65	63	Negligible	Medium	Not Significant
3171	3261	72	69	73	70	Negligible	Medium - High	Not Significant
3168	30803	71	68	68	65	No Change/Reduction	Medium	Imperceptible / Positive
3170	3112	63	60	63	60	Negligible	Medium	Not Significant
3173	3294	72	69	72	68	No Change/Reduction	Medium - High	Imperceptible / Positive
3171	7249	71	68	71	68	No Change/Reduction	Medium - High	Imperceptible / Positive
3173	3280	73	69	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
3175	3323	73	70	70	67	No Change/Reduction	Medium - High	Imperceptible / Positive
3158	3170	61	57	61	58	Negligible	Low - Medium	Not Significant
3160	7155	65	62	66	63	Negligible	Medium	Not Significant
3159	3147	62	59	62	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
3159	3158	64	61	63	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
3166	3229	70	67	67	64	No Change/Reduction	Medium	Imperceptible / Positive
3161	3277	63	60	63	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
3164	3319	61	58	61	58	Negligible	Low - Medium	Not Significant
3166	3233	70	67	68	64	No Change/Reduction	Medium	Imperceptible / Positive
3150	3206	72	69	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
3151	3152	70	67	70	67	Negligible	Medium - High	Not Significant
3149	3272	71	67	67	64	No Change/Reduction	Medium	Imperceptible / Positive
3151	3271	69	66	70	66	No Change/Reduction	Medium - High	Imperceptible / Positive
3151	3226	70	67	68	65	No Change/Reduction	Medium - High	Imperceptible / Positive
3153	3203	70	67	71	68	Negligible	Medium - High	Not Significant
3153	3228	69	66	70	67	Minor	Medium - High	Slight - Moderate
3154	3185	58	55	57	54	No Change/Reduction	Negligible - Low	Imperceptible / Positive
3227	3226	70	67	68	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}			
3228	3255	69	66	70	67	Minor	Medium - High	Slight - Moderate
3233	3205	70	67	67	64	No Change/Reduction	Medium	Imperceptible / Positive
3235	3236	63	60	65	64	Moderate	Medium	Moderate
3229	12111	64	62	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
3238	3263	61	57	62	60	Minor	Low - Medium	Slight
3236	3194	68	65	66	63	No Change/Reduction	Medium	Imperceptible / Positive
3236	3198	65	62	65	62	No Change/Reduction	Medium	Imperceptible / Positive
3202	3187	67	64	68	65	Negligible	Medium	Not Significant
3202	3203	66	63	67	64	Negligible	Medium	Not Significant
3201	3243	71	67	71	69	Minor	Medium - High	Slight - Moderate
3201	3273	71	67	71	69	Minor	Medium - High	Slight - Moderate
3203	3243	71	69	71	69	Negligible	Medium - High	Not Significant
3202	3251	67	64	68	65	Minor	Medium - High	Slight - Moderate
3204	3197	72	69	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
3204	3299	73	70	73	70	No Change/Reduction	High	Imperceptible / Positive
3206	12113	70	68	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
3206	12291	72	69	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
3205	12103	64	61	59	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
3193	3247	68	65	62	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
3194	3195	62	58	62	59	Negligible	Low - Medium	Not Significant
3192	3247	70	67	70	67	Negligible	Medium - High	Not Significant
3193	3235	63	60	65	64	Moderate	Medium	Moderate
3196	3143	61	59	61	60	Negligible	Low - Medium	Not Significant
3196	3278	63	60	64	61	Minor	Medium	Slight
3194	40870	68	65	66	62	No Change/Reduction	Medium	Imperceptible / Positive
3195	3192	70	67	70	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}			
3198	3154	58	55	57	53	No Change/Reduction	Negligible - Low	Imperceptible / Positive
3199	3279	66	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
3200	3171	73	70	73	70	Negligible	High	Not Significant - Slight
3185	3290	62	59	61	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
3186	3187	69	66	69	66	No Change/Reduction	Medium - High	Imperceptible / Positive
3185	3246	72	69	66	63	No Change/Reduction	Medium	Imperceptible / Positive
3187	3317	67	64	67	65	Negligible	Medium	Not Significant
3189	3242	67	64	67	64	Negligible	Medium	Not Significant
3190	3242	72	69	71	68	No Change/Reduction	Medium - High	Imperceptible / Positive
3191	12229	72	69	66	63	No Change/Reduction	Medium	Imperceptible / Positive
3190	3280	72	69	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
3272	3193	68	65	67	64	No Change/Reduction	Medium	Imperceptible / Positive
3271	12235	69	66	70	67	Negligible	Medium - High	Not Significant
3273	3261	71	68	72	70	Minor	Medium - High	Slight - Moderate
3274	2611	72	69	72	69	Negligible	Medium - High	Not Significant
3273	3199	61	57	61	57	No Change/Reduction	Low - Medium	Imperceptible / Positive
3278	3248	63	60	63	60	No Change/Reduction	Medium	Imperceptible / Positive
3274	3251	65	62	66	63	Minor	Medium	Slight
3277	3138	62	59	63	60	Negligible	Low - Medium	Not Significant
3279	7244	62	59	62	59	Negligible	Low - Medium	Not Significant
3260	7232	66	63	62	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
3259	3144	73	70	73	71	Negligible	High	Not Significant - Slight
3260	3259	73	70	73	70	Negligible	High	Not Significant - Slight
3261	3274	72	69	73	70	Negligible	Medium - High	Not Significant
3262	3200	73	70	73	70	Negligible	High	Not Significant - Slight
3265	3159	62	59	62	59	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}			
3266	3100	69	66	67	64	No Change/Reduction	Medium	Imperceptible / Positive
3263	40863	57	54	57	54	Negligible	Negligible - Low	Not Significant
3265	3100	70	67	71	69	Minor	Medium - High	Slight - Moderate
3270	28696	71	68	72	69	Negligible	Medium - High	Not Significant
3266	40866	65	62	63	60	No Change/Reduction	Medium	Imperceptible / Positive
3270	3161	62	59	62	59	Negligible	Low - Medium	Not Significant
3248	3106	62	59	62	59	Negligible	Low - Medium	Not Significant
3248	3195	62	59	62	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
3247	3146	72	69	70	67	No Change/Reduction	Medium - High	Imperceptible / Positive
3251	3273	62	59	63	60	Minor	Medium	Slight
3252	3170	63	59	62	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
3254	3236	69	66	66	63	No Change/Reduction	Medium	Imperceptible / Positive
3258	3101	72	69	72	70	Negligible	Medium - High	Not Significant
3255	12242	64	62	63	61	No Change/Reduction	Medium	Imperceptible / Positive
3257	3282	64	61	65	62	Negligible	Medium	Not Significant
3240	3196	64	61	64	62	Minor	Medium	Slight
3240	3241	64	62	64	62	No Change/Reduction	Medium	Imperceptible / Positive
3239	3164	57	55	57	55	Negligible	Low - Medium	Not Significant
3243	3281	72	70	72	70	Negligible	Medium - High	Not Significant
3242	3299	73	70	73	69	No Change/Reduction	Medium - High	Imperceptible / Positive
6251	6341	73	70	73	70	No Change/Reduction	Medium - High	Imperceptible / Positive
6262	6181	67	64	67	64	No Change/Reduction	Medium	Imperceptible / Positive
6251	6186	68	65	69	66	Minor	Medium - High	Slight - Moderate
6251	6250	65	62	65	62	No Change/Reduction	Medium	Imperceptible / Positive
6263	6342	71	68	71	68	Negligible	Medium - High	Not Significant
6263	6410	72	69	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}			
6262	6363	65	62	65	62	No Change/Reduction	Medium	Imperceptible / Positive
6289	6109	72	69	72	69	Negligible	Medium - High	Not Significant
6289	6200	71	68	71	68	Negligible	Medium - High	Not Significant
6288	6109	65	62	65	62	Negligible	Medium	Not Significant
6288	6250	66	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
6342	6175	68	65	68	65	No Change/Reduction	Medium	Imperceptible / Positive
6342	6200	71	68	71	68	No Change/Reduction	Medium - High	Imperceptible / Positive
6341	6402	73	70	73	70	No Change/Reduction	Medium - High	Imperceptible / Positive
6186	6428	64	61	63	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
6182	6413	71	67	71	67	No Change/Reduction	Medium - High	Imperceptible / Positive
6182	7131	62	59	62	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
6192	6360	60	57	61	57	No Change/Reduction	Low - Medium	Imperceptible / Positive
6192	40761	61	58	61	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
6186	40077	69	66	70	67	Negligible	Medium - High	Not Significant
6192	6106	56	53	56	53	No Change/Reduction	Negligible - Low	Imperceptible / Positive
6200	6356	73	70	73	70	No Change/Reduction	High	Imperceptible / Positive
6200	6195	68	65	68	65	No Change/Reduction	Medium	Imperceptible / Positive
6250	6341	62	59	62	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
3318	3290	61	58	61	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
3318	3317	61	58	61	59	Negligible	Low - Medium	Not Significant
3323	30803	73	69	71	68	No Change/Reduction	Medium - High	Imperceptible / Positive
6106	6356	73	70	73	70	No Change/Reduction	High	Imperceptible / Positive
3319	3238	61	58	61	58	Negligible	Low - Medium	Not Significant
6106	6401	73	70	73	70	No Change/Reduction	High	Imperceptible / Positive
6181	7131	62	59	62	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
6182	6401	71	67	71	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}			
6181	7128	60	57	60	57	No Change/Reduction	Low - Medium	Imperceptible / Positive
3281	12252	67	65	68	66	Minor	Medium - High	Slight - Moderate
3282	3258	72	69	72	70	Negligible	Medium - High	Not Significant
3281	12209	71	69	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
3290	3315	61	57	61	59	Minor	Low - Medium	Slight
3315	3313	61	57	61	59	Minor	Low - Medium	Slight
7134	7135	68	65	67	64	No Change/Reduction	Medium	Imperceptible / Positive
7134	7227	72	69	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
7133	7134	73	70	73	70	Negligible	High	Not Significant - Slight
7135	7171	71	68	71	67	No Change/Reduction	Medium - High	Imperceptible / Positive
7135	7255	69	65	69	65	No Change/Reduction	Medium - High	Imperceptible / Positive
7134	7232	70	67	70	67	Negligible	Medium - High	Not Significant
7135	7136	66	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
7141	7142	59	56	59	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
7136	7137	68	65	68	65	No Change/Reduction	Medium	Imperceptible / Positive
7137	7227	68	65	68	65	No Change/Reduction	Medium	Imperceptible / Positive
7143	7102	68	65	68	65	No Change/Reduction	Medium	Imperceptible / Positive
7143	7111	64	61	64	61	No Change/Reduction	Medium	Imperceptible / Positive
7142	7152	67	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
7142	7171	68	65	68	65	No Change/Reduction	Medium - High	Imperceptible / Positive
7111	7237	63	60	63	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
7115	3171	71	67	71	67	No Change/Reduction	Medium - High	Imperceptible / Positive
7110	7249	62	59	62	59	Negligible	Low - Medium	Not Significant
7129	7128	64	61	64	60	No Change/Reduction	Medium	Imperceptible / Positive
7130	7129	64	61	63	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
7127	7228	66	63	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}			
7128	40757	67	64	66	63	No Change/Reduction	Medium	Imperceptible / Positive
7131	7130	61	58	61	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
7132	7155	72	69	72	70	Negligible	Medium - High	Not Significant
7133	7132	73	70	73	70	Negligible	High	Not Significant - Slight
7131	40761	62	59	62	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
6428	40755	65	61	64	61	No Change/Reduction	Medium	Imperceptible / Positive
6999	2156	73	70	73	70	No Change/Reduction	Medium - High	Imperceptible / Positive
6428	6413	71	69	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
6428	7247	71	69	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
7102	7255	66	64	66	64	Negligible	Medium	Not Significant
7103	7132	66	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
7102	7216	68	65	68	65	No Change/Reduction	Medium	Imperceptible / Positive
7106	7246	71	68	71	68	Negligible	Medium - High	Not Significant
7109	7110	68	65	68	66	Negligible	Medium - High	Not Significant
7106	7237	63	60	63	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
7106	7240	71	68	71	68	Negligible	Medium - High	Not Significant
7110	7207	68	65	68	65	Negligible	Medium - High	Not Significant
7110	7241	64	60	64	61	Negligible	Medium	Not Significant
7109	7236	68	65	68	66	Negligible	Medium - High	Not Significant
6359	6360	72	69	72	68	No Change/Reduction	Medium - High	Imperceptible / Positive
6360	6200	72	69	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
6402	6401	72	69	72	68	No Change/Reduction	Medium - High	Imperceptible / Positive
6413	6402	65	62	65	62	Negligible	Medium	Not Significant
7251	7186	71	68	71	68	No Change/Reduction	Medium - High	Imperceptible / Positive
7255	7103	66	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
7249	7251	71	68	71	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}			
7250	7244	70	67	70	67	No Change/Reduction	Medium - High	Imperceptible / Positive
7294	7207	72	69	72	69	Negligible	Medium - High	Not Significant
7296	7154	67	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
7294	7151	72	69	72	69	Negligible	Medium - High	Not Significant
7297	7171	66	63	65	62	No Change/Reduction	Medium	Imperceptible / Positive
8502	7151	72	69	72	69	Negligible	Medium - High	Not Significant
7296	7297	63	60	63	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
7297	7170	66	63	65	62	No Change/Reduction	Medium	Imperceptible / Positive
12100	12108	68	66	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
12100	12174	68	66	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
8502	7206	72	69	72	69	Negligible	Medium - High	Not Significant
8513	15149	79	77	79	77	No Change/Reduction	High	Imperceptible / Positive
7235	12209	71	69	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
7241	7207	71	67	71	68	Negligible	Medium - High	Not Significant
7240	7241	71	68	71	68	Negligible	Medium - High	Not Significant
7244	7249	62	59	63	60	Negligible	Low - Medium	Not Significant
7244	7115	71	68	71	68	No Change/Reduction	Medium - High	Imperceptible / Positive
7247	40080	72	69	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
7206	7222	72	69	72	69	Negligible	Medium - High	Not Significant
7198	7232	69	66	70	67	Negligible	Medium - High	Not Significant
7198	40077	69	66	70	67	Negligible	Medium - High	Not Significant
7227	40079	72	69	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
7222	7155	72	69	72	69	Negligible	Medium - High	Not Significant
7228	7153	66	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
7228	7296	67	64	67	63	No Change/Reduction	Medium	Imperceptible / Positive
7143	7151	69	65	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}			
7154	7129	64	61	64	61	No Change/Reduction	Medium	Imperceptible / Positive
7153	6185	67	64	67	64	No Change/Reduction	Medium	Imperceptible / Positive
7154	7136	66	63	66	63	No Change/Reduction	Medium	Imperceptible / Positive
7186	7250	70	67	70	67	No Change/Reduction	Medium - High	Imperceptible / Positive
12132	12131	63	61	63	62	Negligible	Medium	Not Significant
12133	12136	46	44	46	44	No Change/Reduction	Negligible	Imperceptible / Positive
12131	12135	63	61	63	61	Negligible	Medium	Not Significant
12131	12139	54	52	55	53	Minor	Negligible - Low	Not Significant
12135	12134	63	61	63	61	Negligible	Medium	Not Significant
12136	12140	61	59	62	60	Minor	Medium	Slight
12133	12251	63	61	63	61	Negligible	Medium	Not Significant
12134	12138	63	61	63	61	Negligible	Medium	Not Significant
12138	12133	63	61	63	61	Negligible	Medium	Not Significant
12139	12135	46	44	46	44	No Change/Reduction	Negligible	Imperceptible / Positive
12137	12132	62	60	62	60	Negligible	Medium	Not Significant
12137	12142	64	62	65	63	Minor	Medium	Slight
12142	12234	54	52	53	51	No Change/Reduction	Negligible - Low	Imperceptible / Positive
12139	12255	55	53	55	54	Negligible	Negligible - Low	Not Significant
12140	12264	62	60	63	62	Minor	Medium	Slight
12113	15211	68	66	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
12114	12103	59	57	58	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
12112	12111	68	66	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
12114	12257	69	67	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
12115	12105	63	61	63	61	No Change/Reduction	Medium	Imperceptible / Positive
12114	12105	69	67	69	66	No Change/Reduction	Medium - High	Imperceptible / Positive
12114	12107	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}			
12116	12115	64	61	61	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
12117	12227	71	69	63	61	No Change/Reduction	Medium	Imperceptible / Positive
12116	12103	64	61	61	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
12128	12164	65	63	62	60	No Change/Reduction	Medium	Imperceptible / Positive
12128	12246	65	63	62	60	No Change/Reduction	Medium	Imperceptible / Positive
12117	12229	71	69	67	65	No Change/Reduction	Medium	Imperceptible / Positive
12117	40015	62	60	60	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
12108	12109	69	67	67	65	No Change/Reduction	Medium - High	Imperceptible / Positive
12107	12294	58	56	56	54	No Change/Reduction	Negligible - Low	Imperceptible / Positive
12109	12257	69	67	67	65	No Change/Reduction	Medium - High	Imperceptible / Positive
12108	12143	72	70	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
12108	12227	67	65	63	61	No Change/Reduction	Medium	Imperceptible / Positive
12110	12168	59	57	59	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
12110	12104	57	55	58	56	Minor	Low - Medium	Slight
12110	12112	58	56	59	57	Negligible	Low - Medium	Not Significant
12112	12105	68	66	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
12111	12291	69	67	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
12102	12235	67	65	67	66	Minor	Medium - High	Slight - Moderate
12102	12277	67	65	68	66	Minor	Medium - High	Slight - Moderate
12104	12106	54	52	56	55	Moderate	Negligible - Low	Not Significant - Slight
12104	12105	63	61	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
12106	12293	54	52	56	55	Moderate	Negligible - Low	Not Significant - Slight
12107	12106	55	53	55	53	No Change/Reduction	Negligible - Low	Imperceptible / Positive
12162	12167	63	61	62	60	No Change/Reduction	Medium	Imperceptible / Positive
12163	12156	56	54	57	55	Negligible	Low - Medium	Not Significant
12162	12161	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}			
12162	12166	63	61	62	60	No Change/Reduction	Medium	Imperceptible / Positive
12164	12199	65	63	63	61	No Change/Reduction	Medium	Imperceptible / Positive
12164	12295	52	50	52	50	No Change/Reduction	Negligible	Imperceptible / Positive
12163	12157	56	54	56	54	Negligible	Negligible - Low	Not Significant
12166	12179	61	59	60	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
12165	12143	71	69	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
12165	12226	72	70	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
12167	12178	56	54	56	54	Negligible	Negligible - Low	Not Significant
12167	12282	64	62	64	62	No Change/Reduction	Medium	Imperceptible / Positive
12166	12265	63	61	62	60	No Change/Reduction	Medium	Imperceptible / Positive
12157	12186	56	54	56	54	Negligible	Negligible - Low	Not Significant
12156	12201	52	50	52	50	No Change/Reduction	Negligible - Low	Imperceptible / Positive
12158	12178	59	57	60	58	Negligible	Low - Medium	Not Significant
12158	12179	56	54	56	55	Negligible	Negligible - Low	Not Significant
12157	12201	52	50	52	50	No Change/Reduction	Negligible - Low	Imperceptible / Positive
12158	12159	60	58	60	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
12159	12160	58	56	58	56	Negligible	Low - Medium	Not Significant
12158	12190	57	55	56	54	No Change/Reduction	Negligible - Low	Imperceptible / Positive
12162	12156	56	54	57	55	Negligible	Low - Medium	Not Significant
12160	12161	60	58	60	58	Negligible	Low - Medium	Not Significant
12150	50000	71	69	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
12151	12152	71	69	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
12149	12150	71	69	67	65	No Change/Reduction	Medium	Imperceptible / Positive
12150	12151	63	61	64	62	Minor	Medium	Slight
12153	12233	62	60	62	61	Minor	Medium	Slight
12153	12254	61	59	62	60	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}			
12152	12147	62	60	63	62	Minor	Medium	Slight
12152	12230	70	68	64	62	No Change/Reduction	Medium	Imperceptible / Positive
12154	12254	61	59	62	60	Minor	Low - Medium	Slight
12154	12255	49	47	49	47	No Change/Reduction	Negligible	Imperceptible / Positive
12153	12255	55	53	55	54	Negligible	Negligible - Low	Not Significant
12154	12236	61	59	62	60	Minor	Low - Medium	Slight
12155	15125	68	66	68	66	Negligible	Medium - High	Not Significant
12155	12206	67	65	66	64	No Change/Reduction	Medium	Imperceptible / Positive
12155	12290	64	62	65	64	Minor	Medium	Slight
12144	12178	60	58	60	59	Negligible	Low - Medium	Not Significant
12142	12290	64	62	64	63	Minor	Medium	Slight
12145	12146	69	67	67	65	No Change/Reduction	Medium	Imperceptible / Positive
12145	12149	66	64	66	65	Negligible	Medium	Not Significant
12144	12190	65	63	67	66	Minor	Medium - High	Slight - Moderate
12144	12193	66	64	67	66	Minor	Medium - High	Slight - Moderate
12146	12269	66	64	66	64	No Change/Reduction	Medium	Imperceptible / Positive
12146	40279	68	66	65	63	No Change/Reduction	Medium	Imperceptible / Positive
12146	12236	64	62	64	62	No Change/Reduction	Medium	Imperceptible / Positive
12148	12145	66	64	66	65	Negligible	Medium	Not Significant
12148	12149	70	68	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
12147	12230	64	62	64	62	Negligible	Medium	Not Significant
12147	12400	66	64	65	63	No Change/Reduction	Medium	Imperceptible / Positive
12188	12174	55	53	58	57	Moderate	Low - Medium	Slight - Moderate
12188	12191	56	54	58	57	Moderate	Low - Medium	Slight - Moderate
12187	12201	52	50	52	50	No Change/Reduction	Negligible - Low	Imperceptible / Positive
12187	12265	55	53	56	54	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}			
12189	12176	53	51	54	53	Minor	Negligible - Low	Not Significant
12189	12177	53	51	54	53	Minor	Negligible - Low	Not Significant
12191	12176	55	53	56	54	Negligible	Negligible - Low	Not Significant
12190	12171	65	63	67	66	Minor	Medium - High	Slight - Moderate
12190	12175	55	53	54	52	No Change/Reduction	Negligible - Low	Imperceptible / Positive
12192	12177	53	51	54	53	Minor	Negligible - Low	Not Significant
12192	12211	69	67	65	63	No Change/Reduction	Medium	Imperceptible / Positive
12191	12257	60	58	62	61	Moderate	Medium	Moderate
12192	12174	69	67	65	63	No Change/Reduction	Medium	Imperceptible / Positive
12181	12172	53	51	53	50	No Change/Reduction	Negligible - Low	Imperceptible / Positive
12181	12177	53	51	53	50	No Change/Reduction	Negligible - Low	Imperceptible / Positive
12180	12171	60	58	60	58	Negligible	Low - Medium	Not Significant
12180	12181	53	51	53	50	No Change/Reduction	Negligible - Low	Imperceptible / Positive
12183	12225	67	65	67	65	No Change/Reduction	Medium - High	Imperceptible / Positive
12184	12186	57	55	58	56	Minor	Low - Medium	Slight
12183	12211	67	65	67	65	No Change/Reduction	Medium	Imperceptible / Positive
12185	12198	68	66	65	63	No Change/Reduction	Medium	Imperceptible / Positive
12185	12335	69	67	66	64	No Change/Reduction	Medium	Imperceptible / Positive
12184	12211	69	67	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
12184	12263	70	68	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
12186	12187	55	53	56	54	Minor	Negligible - Low	Not Significant
12175	12176	55	53	54	52	No Change/Reduction	Negligible - Low	Imperceptible / Positive
12168	12197	60	58	60	57	No Change/Reduction	Low - Medium	Imperceptible / Positive
12169	12168	55	53	55	53	No Change/Reduction	Negligible - Low	Imperceptible / Positive
12170	12299	66	64	67	66	Minor	Medium - High	Slight - Moderate
12171	12172	66	64	67	66	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}			
12169	12196	57	55	57	55	No Change/Reduction	Negligible - Low	Imperceptible / Positive
12169	12293	55	53	55	53	No Change/Reduction	Negligible - Low	Imperceptible / Positive
12172	12173	66	64	67	66	Minor	Medium - High	Slight - Moderate
12173	12211	68	66	68	67	Minor	Medium - High	Slight - Moderate
12173	12265	63	61	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
12221	12218	68	66	69	67	Negligible	Medium - High	Not Significant
12221	12223	66	64	66	65	Minor	Medium	Slight
12220	12222	65	63	65	64	Negligible	Medium	Not Significant
12220	12262	65	63	65	63	Negligible	Medium	Not Significant
12222	12224	65	63	64	62	No Change/Reduction	Medium	Imperceptible / Positive
12222	12258	62	60	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
12222	12223	62	60	63	61	Minor	Medium	Slight
12223	12224	65	63	65	63	Negligible	Medium	Not Significant
12225	12199	71	69	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
12225	12273	71	69	72	70	Negligible	Medium - High	Not Significant
12206	12207	66	64	66	64	No Change/Reduction	Medium	Imperceptible / Positive
12205	12272	64	62	64	62	Negligible	Medium	Not Significant
12205	40283	64	62	64	62	Negligible	Medium	Not Significant
12207	12269	66	64	66	64	No Change/Reduction	Medium	Imperceptible / Positive
12210	12148	71	69	67	65	No Change/Reduction	Medium	Imperceptible / Positive
12210	12204	73	71	72	70	No Change/Reduction	Medium - High	Imperceptible / Positive
12214	12263	70	68	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
12199	12226	72	70	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
12200	12202	65	63	65	63	No Change/Reduction	Medium	Imperceptible / Positive
12200	40283	63	61	63	61	No Change/Reduction	Medium	Imperceptible / Positive
12202	12273	71	69	72	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}			
12202	40281	72	70	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
12202	12203	63	61	62	60	No Change/Reduction	Medium	Imperceptible / Positive
12204	12272	72	70	72	70	No Change/Reduction	High	Imperceptible / Positive
12203	40277	63	61	62	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
12194	12193	65	63	67	66	Minor	Medium - High	Slight - Moderate
12194	12195	66	64	67	66	Minor	Medium - High	Slight - Moderate
12195	12196	66	64	67	66	Minor	Medium - High	Slight - Moderate
12194	12294	58	56	58	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
12197	12196	66	64	67	66	Minor	Medium - High	Slight - Moderate
12198	12246	68	66	67	65	No Change/Reduction	Medium	Imperceptible / Positive
12198	40822	58	56	61	60	Moderate	Low - Medium	Slight - Moderate
12197	12299	66	64	67	66	Minor	Medium - High	Slight - Moderate
12251	12136	61	59	62	60	Minor	Medium	Slight
12249	12284	64	62	64	62	Negligible	Medium	Not Significant
12249	12338	66	64	67	65	Minor	Medium - High	Slight - Moderate
12253	12232	68	66	65	63	No Change/Reduction	Medium	Imperceptible / Positive
12253	12333	68	66	65	63	No Change/Reduction	Medium	Imperceptible / Positive
12258	12261	66	64	65	63	No Change/Reduction	Medium	Imperceptible / Positive
12241	12338	65	63	66	64	Minor	Medium	Slight
12241	12237	63	61	65	63	Minor	Medium	Slight
12241	12248	60	58	60	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
12243	12244	63	61	65	63	Minor	Medium	Slight
12244	12185	61	59	62	61	Minor	Medium	Slight
12242	12286	62	60	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
12243	12237	63	61	65	63	Minor	Medium	Slight
12245	12238	66	64	67	65	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}			
12245	12246	66	64	67	65	Negligible	Medium - High	Not Significant
12244	12233	62	60	62	61	Minor	Medium	Slight
12234	12239	60	58	59	57	No Change/Reduction	Low - Medium	Imperceptible / Positive
12236	12290	62	60	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
12235	40015	62	60	60	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
12238	12240	66	64	67	65	Negligible	Medium - High	Not Significant
12240	12277	67	65	68	66	Negligible	Medium - High	Not Significant
12239	12290	63	61	63	61	No Change/Reduction	Medium	Imperceptible / Positive
12225	12295	59	57	61	60	Moderate	Medium	Moderate
12227	12228	68	66	63	61	No Change/Reduction	Medium	Imperceptible / Positive
12228	12108	68	66	63	61	No Change/Reduction	Medium	Imperceptible / Positive
12231	12335	69	67	66	64	No Change/Reduction	Medium	Imperceptible / Positive
12232	12231	69	67	66	64	No Change/Reduction	Medium	Imperceptible / Positive
12230	12210	71	69	64	62	No Change/Reduction	Medium	Imperceptible / Positive
12232	40277	63	61	62	60	No Change/Reduction	Medium	Imperceptible / Positive
12295	40822	59	57	61	60	Moderate	Medium	Moderate
12294	12293	54	52	56	55	Moderate	Negligible - Low	Not Significant - Slight
12299	12298	58	56	58	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
12333	40279	68	66	65	63	No Change/Reduction	Medium	Imperceptible / Positive
12336	40822	56	54	56	54	No Change/Reduction	Negligible - Low	Imperceptible / Positive
12335	12336	58	56	58	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
12287	12288	63	61	64	63	Minor	Medium	Slight
12288	12249	63	61	64	63	Minor	Medium	Slight
12284	12283	64	62	64	62	No Change/Reduction	Medium	Imperceptible / Positive
12286	12285	65	63	65	63	No Change/Reduction	Medium	Imperceptible / Positive
12288	12284	58	56	57	55	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}			
12264	12137	60	58	61	60	Minor	Low - Medium	Slight
12267	12258	66	64	65	63	No Change/Reduction	Medium	Imperceptible / Positive
12272	40281	72	70	72	70	No Change/Reduction	High	Imperceptible / Positive
12283	12242	59	57	58	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
12283	12286	63	61	63	61	Negligible	Medium	Not Significant
12259	12262	63	61	63	61	No Change/Reduction	Medium	Imperceptible / Positive
12259	12400	66	64	65	63	No Change/Reduction	Medium	Imperceptible / Positive
12259	12260	65	63	64	62	No Change/Reduction	Medium	Imperceptible / Positive
12260	15194	66	64	66	65	Negligible	Medium	Not Significant
12260	12261	67	65	67	65	Negligible	Medium	Not Significant
12261	12262	63	61	64	62	Minor	Medium	Slight
12264	12132	57	55	58	57	Minor	Low - Medium	Slight
15135	15153	66	64	58	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
15135	15154	67	65	66	64	No Change/Reduction	Medium	Imperceptible / Positive
15134	15131	62	60	57	55	No Change/Reduction	Low - Medium	Imperceptible / Positive
15134	15135	69	67	67	65	No Change/Reduction	Medium	Imperceptible / Positive
15137	15157	72	70	72	70	Negligible	High	Not Significant - Slight
15138	15129	73	71	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
15136	15998	79	77	79	77	No Change/Reduction	High	Imperceptible / Positive
15137	15138	67	65	65	63	No Change/Reduction	Medium	Imperceptible / Positive
15141	15140	70	68	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
15141	15142	65	63	66	64	Minor	Medium	Slight
15139	15134	70	68	67	65	No Change/Reduction	Medium - High	Imperceptible / Positive
15140	15171	70	68	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
15142	15183	66	64	66	64	Negligible	Medium	Not Significant
15143	15158	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}			
15142	15140	62	60	62	60	Negligible	Medium	Not Significant
15142	15144	65	63	65	63	Negligible	Medium	Not Significant
15124	15152	67	65	65	63	No Change/Reduction	Medium	Imperceptible / Positive
15123	15148	66	64	66	64	No Change/Reduction	Medium	Imperceptible / Positive
15124	15125	66	64	65	63	No Change/Reduction	Medium	Imperceptible / Positive
15129	15102	68	66	65	63	No Change/Reduction	Medium	Imperceptible / Positive
15129	28999	71	69	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
15125	15114	70	68	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
15131	15138	72	70	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
15132	15147	63	61	62	60	No Change/Reduction	Medium	Imperceptible / Positive
15130	15152	68	66	65	63	No Change/Reduction	Medium	Imperceptible / Positive
15130	15154	69	67	66	64	No Change/Reduction	Medium	Imperceptible / Positive
15133	15131	71	69	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
15133	15156	66	64	64	62	No Change/Reduction	Medium	Imperceptible / Positive
15132	15153	67	65	67	65	Negligible	Medium - High	Not Significant
15132	15194	66	64	66	64	Negligible	Medium	Not Significant
15112	15110	54	52	54	52	No Change/Reduction	Negligible - Low	Imperceptible / Positive
15113	15115	68	66	69	67	Negligible	Medium - High	Not Significant
15111	15108	66	64	66	65	Negligible	Medium	Not Significant
15112	15104	66	64	66	65	Minor	Medium	Slight
15114	15148	69	67	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
15113	15116	66	64	67	65	Negligible	Medium	Not Significant
15113	15148	69	67	69	68	Negligible	Medium - High	Not Significant
15116	15121	62	60	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
15115	15122	68	66	69	67	Negligible	Medium - High	Not Significant
15122	15109	65	63	66	64	Minor	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}			
15121	15152	63	61	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
15101	15999	79	77	79	77	No Change/Reduction	High	Imperceptible / Positive
15103	15139	66	64	64	62	No Change/Reduction	Medium	Imperceptible / Positive
15104	15110	66	64	66	65	Negligible	Medium	Not Significant
15102	15103	70	68	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
15103	15136	68	66	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
15106	15112	66	64	66	65	Minor	Medium	Slight
15107	15106	66	64	66	65	Minor	Medium	Slight
15104	28477	69	67	70	68	Negligible	Medium - High	Not Significant
15105	15111	66	64	66	65	Negligible	Medium	Not Significant
15109	15107	66	64	67	65	Minor	Medium	Slight
15110	15105	66	64	67	65	No Change/Reduction	Medium	Imperceptible / Positive
15108	15109	60	58	60	58	No Change/Reduction	Low - Medium	Imperceptible / Positive
15108	15122	66	64	66	64	Negligible	Medium	Not Significant
28103	28246	69	67	70	68	Negligible	Medium - High	Not Significant
28103	28259	68	66	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
28102	28477	69	67	70	68	Negligible	Medium - High	Not Significant
28103	28102	69	67	70	68	Negligible	Medium - High	Not Significant
28107	28106	70	68	71	69	Negligible	Medium - High	Not Significant
28107	28108	70	68	71	69	Negligible	Medium - High	Not Significant
28106	28124	72	70	72	71	Negligible	High	Not Significant - Slight
28108	28515	62	60	63	62	Minor	Medium	Slight
28109	28111	69	67	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
28108	28119	67	65	68	66	Minor	Medium - High	Slight - Moderate
28109	28650	72	70	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
28109	28515	64	62	64	62	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}			
28109	28649	70	68	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
15171	12151	70	68	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
15995	15158	74	72	73	71	No Change/Reduction	High	Imperceptible / Positive
15996	15101	79	77	79	77	No Change/Reduction	High	Imperceptible / Positive
15995	15154	74	72	73	71	No Change/Reduction	High	Imperceptible / Positive
22993	15146	79	77	79	77	No Change/Reduction	High	Imperceptible / Positive
22999	22993	79	77	79	77	No Change/Reduction	High	Imperceptible / Positive
15998	15151	79	77	79	77	No Change/Reduction	High	Imperceptible / Positive
15999	22121	79	77	79	77	No Change/Reduction	High	Imperceptible / Positive
28101	28466	70	68	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
28100	28101	70	68	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
28100	28469	65	63	66	64	Minor	Medium	Slight
15153	15154	68	66	67	65	No Change/Reduction	Medium - High	Imperceptible / Positive
15154	15133	72	70	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
15156	15159	74	72	74	72	No Change/Reduction	High	Imperceptible / Positive
15157	28466	76	74	76	74	Negligible	High	Not Significant - Slight
15155	15139	67	65	64	62	No Change/Reduction	Medium	Imperceptible / Positive
15155	15157	73	71	73	71	No Change/Reduction	High	Imperceptible / Positive
15159	15996	79	77	79	77	No Change/Reduction	High	Imperceptible / Positive
15169	15147	63	61	62	60	No Change/Reduction	Medium	Imperceptible / Positive
15158	15141	71	69	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
15145	15143	70	68	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
15145	15144	63	61	63	61	No Change/Reduction	Medium	Imperceptible / Positive
15144	15143	64	62	64	63	Minor	Medium	Slight
15146	15136	78	76	78	76	No Change/Reduction	High	Imperceptible / Positive
15146	15137	73	71	73	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}			
15149	15155	74	72	74	72	No Change/Reduction	High	Imperceptible / Positive
15150	15156	74	72	74	72	No Change/Reduction	High	Imperceptible / Positive
15149	15159	78	76	78	76	No Change/Reduction	High	Imperceptible / Positive
15150	15154	69	67	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
28159	28160	62	60	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
28159	28244	67	65	67	65	No Change/Reduction	Medium	Imperceptible / Positive
28158	28502	64	62	65	63	Negligible	Medium	Not Significant
28159	28156	71	69	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
28161	28162	67	65	67	64	No Change/Reduction	Medium	Imperceptible / Positive
28161	28461	64	62	63	60	No Change/Reduction	Medium	Imperceptible / Positive
28159	28245	71	69	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
28160	28178	62	60	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
28162	28530	68	66	67	64	No Change/Reduction	Medium	Imperceptible / Positive
28164	28165	72	70	70	67	No Change/Reduction	Medium - High	Imperceptible / Positive
28161	28764	65	63	64	61	No Change/Reduction	Medium	Imperceptible / Positive
28164	28501	73	71	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
28164	28168	67	65	66	63	No Change/Reduction	Medium	Imperceptible / Positive
28164	28176	67	65	66	63	No Change/Reduction	Medium	Imperceptible / Positive
28151	28149	66	64	66	64	No Change/Reduction	Medium	Imperceptible / Positive
28151	28152	69	67	68	65	No Change/Reduction	Medium - High	Imperceptible / Positive
28150	28153	65	63	65	63	No Change/Reduction	Medium	Imperceptible / Positive
28150	28517	61	59	62	61	Minor	Medium	Slight
28153	28154	64	62	63	61	No Change/Reduction	Medium	Imperceptible / Positive
28152	28213	67	65	68	67	Minor	Medium - High	Slight - Moderate
28152	28245	71	69	71	68	No Change/Reduction	Medium - High	Imperceptible / Positive
28155	28503	64	62	65	64	Minor	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}			
28156	28131	73	71	73	71	No Change/Reduction	High	Imperceptible / Positive
28154	28149	64	62	64	62	No Change/Reduction	Medium	Imperceptible / Positive
28155	28150	62	60	62	60	Negligible	Medium	Not Significant
28157	28503	64	62	66	65	Moderate	Medium	Moderate
28158	28169	65	63	65	64	Minor	Medium	Slight
28157	28178	65	63	66	65	Minor	Medium	Slight
28124	28403	71	69	72	70	Negligible	Medium - High	Not Significant
28123	28211	68	66	68	65	No Change/Reduction	Medium - High	Imperceptible / Positive
28123	28310	65	63	65	63	Negligible	Medium	Not Significant
28127	28518	64	62	63	61	No Change/Reduction	Medium	Imperceptible / Positive
28127	28640	74	72	74	72	Negligible	High	Not Significant - Slight
28124	28640	75	73	75	73	Negligible	High	Not Significant - Slight
28127	28131	74	72	74	72	Negligible	High	Not Significant - Slight
28131	28471	71	69	72	70	Negligible	Medium - High	Not Significant
28132	28320	63	61	64	62	Minor	Medium	Slight
28149	28153	63	61	63	61	Negligible	Medium	Not Significant
28132	28518	64	62	63	61	No Change/Reduction	Medium	Imperceptible / Positive
28132	28534	65	63	65	63	No Change/Reduction	Medium	Imperceptible / Positive
28113	28112	67	65	67	65	No Change/Reduction	Medium	Imperceptible / Positive
28113	28114	68	66	67	65	No Change/Reduction	Medium - High	Imperceptible / Positive
28111	28116	65	63	64	61	No Change/Reduction	Medium	Imperceptible / Positive
28112	28111	67	65	67	65	No Change/Reduction	Medium	Imperceptible / Positive
28115	28114	66	64	66	64	No Change/Reduction	Medium	Imperceptible / Positive
28116	28113	65	63	64	62	No Change/Reduction	Medium	Imperceptible / Positive
28114	28516	64	62	63	60	No Change/Reduction	Low - Medium	Imperceptible / Positive
28120	28665	70	68	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}			
28121	28120	70	68	69	66	No Change/Reduction	Medium - High	Imperceptible / Positive
28122	28212	68	66	68	66	Negligible	Medium - High	Not Significant
28122	28307	66	64	66	64	Negligible	Medium	Not Significant
28121	28179	68	66	68	67	Minor	Medium - High	Slight - Moderate
28121	28212	70	68	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
28213	28224	71	69	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
28214	28217	71	69	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
28212	28211	67	65	67	66	Negligible	Medium - High	Not Significant
28213	28151	68	66	68	65	No Change/Reduction	Medium	Imperceptible / Positive
28216	28166	70	68	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
28216	28222	64	62	65	64	Minor	Medium	Slight
28215	28220	64	62	66	65	Minor	Medium	Slight
28215	28221	69	67	66	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
28218	28214	67	65	66	64	No Change/Reduction	Medium	Imperceptible / Positive
28218	28375	68	66	67	65	No Change/Reduction	Medium	Imperceptible / Positive
28217	28167	69	67	68	64	No Change/Reduction	Medium	Imperceptible / Positive
28217	28216	71	69	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
28219	28770	73	71	72	68	No Change/Reduction	Medium - High	Imperceptible / Positive
28220	28221	65	63	65	64	Minor	Medium	Slight
28219	28166	73	71	71	68	No Change/Reduction	Medium - High	Imperceptible / Positive
28219	28462	62	60	61	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
28198	28164	69	67	68	64	No Change/Reduction	Medium	Imperceptible / Positive
28198	28199	63	61	63	61	No Change/Reduction	Medium	Imperceptible / Positive
28181	28369	70	68	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
28182	28711	60	58	62	61	Moderate	Medium	Moderate
28200	28247	68	66	68	66	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}			
28200	28319	67	65	67	65	No Change/Reduction	Medium	Imperceptible / Positive
28199	28201	64	62	65	63	Minor	Medium	Slight
28201	28464	63	61	64	63	Minor	Medium	Slight
28210	28122	68	66	68	66	Negligible	Medium - High	Not Significant
28200	28753	64	62	64	63	Negligible	Medium	Not Significant
28201	28463	64	62	65	63	Negligible	Medium	Not Significant
28211	28210	67	65	67	65	No Change/Reduction	Medium	Imperceptible / Positive
28210	28715	69	67	70	68	Negligible	Medium - High	Not Significant
28175	28172	73	71	74	72	Negligible	High	Not Significant - Slight
28175	28174	65	63	64	60	No Change/Reduction	Medium	Imperceptible / Positive
28174	28170	71	69	70	67	No Change/Reduction	Medium - High	Imperceptible / Positive
28174	28665	70	68	69	66	No Change/Reduction	Medium - High	Imperceptible / Positive
28178	28156	62	60	63	61	Minor	Medium	Slight
28176	28177	67	65	66	63	No Change/Reduction	Medium	Imperceptible / Positive
28177	28664	75	73	75	73	No Change/Reduction	High	Imperceptible / Positive
28179	28711	64	62	65	64	Minor	Medium	Slight
28180	28179	68	66	70	68	Minor	Medium - High	Slight - Moderate
28180	28440	63	61	65	64	Minor	Medium	Slight
28181	28180	70	68	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
28180	28277	68	66	68	65	No Change/Reduction	Medium	Imperceptible / Positive
28166	28222	69	67	66	59	No Change/Reduction	Low - Medium	Imperceptible / Positive
28165	28170	71	69	70	67	No Change/Reduction	Medium - High	Imperceptible / Positive
28169	28157	64	62	65	64	Minor	Medium	Slight
28169	50002	65	63	65	64	Negligible	Medium	Not Significant
28167	28373	69	67	68	64	No Change/Reduction	Medium	Imperceptible / Positive
28168	28172	67	65	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}			
28170	28651	72	70	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
28170	28171	70	68	69	66	No Change/Reduction	Medium - High	Imperceptible / Positive
28171	50002	63	61	64	62	Negligible	Medium	Not Significant
28172	28311	74	72	75	73	Negligible	High	Not Significant - Slight
28171	28311	69	67	68	65	No Change/Reduction	Medium	Imperceptible / Positive
28306	28307	66	64	66	64	Negligible	Medium	Not Significant
28306	28516	68	66	67	65	No Change/Reduction	Medium - High	Imperceptible / Positive
28277	28374	69	67	68	64	No Change/Reduction	Medium	Imperceptible / Positive
28310	28707	64	62	65	64	Minor	Medium	Slight
28319	28642	66	64	66	64	No Change/Reduction	Medium	Imperceptible / Positive
28311	28471	75	73	75	73	No Change/Reduction	High	Imperceptible / Positive
28312	28156	70	68	71	69	Minor	Medium - High	Slight - Moderate
28320	28753	63	61	64	62	Minor	Medium	Slight
28367	28368	68	66	68	65	No Change/Reduction	Medium - High	Imperceptible / Positive
28320	28484	66	64	66	64	Negligible	Medium	Not Significant
28247	28246	69	67	69	67	Negligible	Medium - High	Not Significant
28246	28750	67	65	67	65	Negligible	Medium - High	Not Significant
28259	28260	68	66	68	66	No Change/Reduction	Medium - High	Imperceptible / Positive
28247	28520	69	67	69	67	Negligible	Medium - High	Not Significant
28254	28260	66	64	66	63	No Change/Reduction	Medium	Imperceptible / Positive
28275	28276	66	64	66	64	No Change/Reduction	Medium	Imperceptible / Positive
28275	28425	67	65	67	65	No Change/Reduction	Medium	Imperceptible / Positive
28276	28440	63	61	65	64	Minor	Medium	Slight
28276	28739	62	60	64	63	Minor	Medium	Slight
28276	28376	64	62	64	62	Negligible	Medium	Not Significant
28239	28232	67	65	67	65	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}			
28239	28240	66	64	67	65	Negligible	Medium	Not Significant
28236	28750	67	65	67	65	Negligible	Medium - High	Not Significant
28237	28236	67	65	68	66	Negligible	Medium - High	Not Significant
28241	28233	66	64	67	65	Minor	Medium - High	Slight - Moderate
28241	28240	66	64	67	65	Negligible	Medium	Not Significant
28243	28241	66	64	67	65	Negligible	Medium - High	Not Significant
28243	28236	64	62	64	63	Negligible	Medium	Not Significant
28244	28231	67	65	67	65	No Change/Reduction	Medium	Imperceptible / Positive
28222	28215	70	68	70	68	Negligible	Medium - High	Not Significant
28220	28462	68	66	67	65	No Change/Reduction	Medium	Imperceptible / Positive
28221	28218	70	68	68	65	No Change/Reduction	Medium	Imperceptible / Positive
28231	28234	66	64	67	65	Minor	Medium - High	Slight - Moderate
28224	28561	65	63	65	63	No Change/Reduction	Medium	Imperceptible / Positive
28224	40848	70	68	70	68	Negligible	Medium - High	Not Significant
28233	28234	66	64	66	65	Minor	Medium	Slight
28231	28642	66	64	66	64	No Change/Reduction	Medium	Imperceptible / Positive
28472	28484	67	65	67	65	No Change/Reduction	Medium - High	Imperceptible / Positive
28473	28474	65	63	66	64	Minor	Medium	Slight
28471	28475	77	75	77	75	No Change/Reduction	High	Imperceptible / Positive
28472	28470	66	64	67	65	Minor	Medium - High	Slight - Moderate
28475	28470	62	60	62	60	Negligible	Medium	Not Significant
28475	28537	77	75	77	75	Negligible	High	Not Significant - Slight
28474	28469	66	64	66	63	No Change/Reduction	Medium	Imperceptible / Positive
28474	28470	63	61	63	60	No Change/Reduction	Medium	Imperceptible / Positive
28476	28312	70	68	71	69	Minor	Medium - High	Slight - Moderate
28476	28491	76	74	76	73	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}			
28491	28177	75	73	75	73	No Change/Reduction	High	Imperceptible / Positive
28491	28198	70	68	68	64	No Change/Reduction	Medium	Imperceptible / Positive
28463	28502	64	62	65	63	Negligible	Medium	Not Significant
28464	28199	63	61	63	61	No Change/Reduction	Medium	Imperceptible / Positive
28462	50001	68	66	67	65	No Change/Reduction	Medium	Imperceptible / Positive
28466	28669	77	75	77	75	No Change/Reduction	High	Imperceptible / Positive
28467	15150	75	73	75	73	No Change/Reduction	High	Imperceptible / Positive
28464	28461	65	63	65	63	No Change/Reduction	Medium	Imperceptible / Positive
28465	28663	74	72	74	72	Negligible	High	Not Significant - Slight
28468	28101	61	59	62	60	Negligible	Medium	Not Significant
28469	15102	67	65	67	66	Negligible	Medium - High	Not Significant
28467	15151	72	70	72	70	No Change/Reduction	High	Imperceptible / Positive
28468	28100	65	63	66	64	Minor	Medium	Slight
28470	28473	66	64	66	64	No Change/Reduction	Medium	Imperceptible / Positive
28469	28420	63	61	63	61	No Change/Reduction	Medium	Imperceptible / Positive
28420	28421	71	69	71	68	No Change/Reduction	Medium - High	Imperceptible / Positive
28403	28454	72	70	72	70	Negligible	Medium - High	Not Significant
28403	28534	64	62	65	63	Minor	Medium	Slight
28425	28375	72	70	71	69	No Change/Reduction	Medium - High	Imperceptible / Positive
28421	28100	70	68	69	66	No Change/Reduction	Medium - High	Imperceptible / Positive
28421	28520	66	64	65	63	No Change/Reduction	Medium	Imperceptible / Positive
28425	28382	71	69	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
28431	28715	70	68	70	69	Negligible	Medium - High	Not Significant
28369	28370	69	67	69	66	No Change/Reduction	Medium - High	Imperceptible / Positive
28368	28370	69	67	69	67	No Change/Reduction	Medium - High	Imperceptible / Positive
28374	28373	69	67	68	64	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}			
28375	28214	69	67	70	69	Minor	Medium - High	Slight - Moderate
28770	28501	73	71	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
28764	28517	64	62	65	63	Negligible	Medium	Not Significant
28999	28420	71	69	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
40077	40078	59	56	59	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
40079	40078	59	56	59	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
40079	40080	72	69	72	69	No Change/Reduction	Medium - High	Imperceptible / Positive
40078	40080	59	56	59	56	No Change/Reduction	Low - Medium	Imperceptible / Positive
28668	28476	77	75	77	75	No Change/Reduction	High	Imperceptible / Positive
28664	28423	75	73	75	73	No Change/Reduction	High	Imperceptible / Positive
28669	28668	77	75	77	75	No Change/Reduction	High	Imperceptible / Positive
28696	2100	71	68	72	69	Negligible	Medium - High	Not Significant
28530	50001	68	66	67	64	No Change/Reduction	Medium	Imperceptible / Positive
28537	28467	77	75	77	75	Negligible	High	Not Significant - Slight
28651	28650	72	70	71	68	No Change/Reduction	Medium - High	Imperceptible / Positive
28663	28175	74	72	74	72	Negligible	High	Not Significant - Slight
28503	28158	64	62	65	63	Minor	Medium	Slight
28517	28155	62	60	64	62	Minor	Medium	Slight
28516	28115	66	64	66	64	No Change/Reduction	Medium	Imperceptible / Positive
28520	28468	66	64	67	66	Minor	Medium - High	Slight - Moderate
40819	40818	67	64	66	62	No Change/Reduction	Medium	Imperceptible / Positive
40836	15145	71	69	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
40870	2287	68	65	66	63	No Change/Reduction	Medium	Imperceptible / Positive
50000	40836	71	69	70	68	No Change/Reduction	Medium - High	Imperceptible / Positive
40863	3239	54	51	54	51	Negligible	Negligible - Low	Not Significant
40866	3159	64	61	64	59	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}			
40753	3149	69	66	69	66	No Change/Reduction	Medium - High	Imperceptible / Positive
40755	7130	64	61	63	60	No Change/Reduction	Medium	Imperceptible / Positive
40757	7153	68	65	68	64	No Change/Reduction	Medium	Imperceptible / Positive