

Summary of Composite Vehicular Emission Factors for CALINE4 Model

Open Road 24 hour NOx Emission Factor (g/mile-veh) and Traffic Profile (NCWBR RW)

Link No	Road Type	X-Start	Y-Start	X-End	Y-End	Height	Width	Length	Hour 01		Hour 02		Hour 03		Hour 04		Hour 05		Hour 06		Hour 07		Hour 08		Hour 09		Hour 10		Hour 11		Hour 12		Hour 13		Hour 14		Hour 15		Hour 16		Hour 17		Hour 18		Hour 19		Hour 20		Hour 21		Hour 22		Hour 23		Hour 24		Total Emission (g/m)	
									Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf		
240	A	840826.1	821519.3	840889.4	821599.9	0	19	102.5	374	0.352	254	0.356	181	0.357	133	0.356	113	0.483	141	0.719	330	0.753	735	0.744	919	0.602	763	0.735	605	0.763	536	0.713	532	0.732	612	0.649	611	0.608	668	0.719	806	0.728	891	0.595	985	0.423	820	0.375	647	0.379	616	0.345	617	0.354	532	0.354	202	483
241	A	840889.4	821599.9	840921.9	821627.8	0	19	42.8	374	0.352	254	0.356	181	0.357	133	0.356	113	0.483	141	0.719	330	0.753	735	0.744	919	0.602	763	0.735	605	0.763	536	0.713	532	0.732	612	0.649	611	0.608	668	0.719	806	0.728	891	0.595	985	0.423	820	0.375	647	0.379	616	0.345	617	0.354	532	0.354	145	155
242	A	840921.9	821627.8	840948.8	821642.6	0	19	30.7	374	0.352	254	0.356	181	0.357	133	0.356	113	0.483	141	0.719	330	0.753	735	0.744	919	0.602	763	0.735	605	0.763	536	0.713	532	0.732	612	0.649	611	0.608	668	0.719	806	0.728	891	0.595	985	0.423	820	0.375	647	0.379	616	0.345	617	0.354	532	0.354	202	483
243	A	840948.8	821642.6	840980.3	821651.8	0	19	32.8	374	0.352	254	0.356	181	0.357	133	0.356	113	0.483	141	0.719	330	0.753	735	0.744	919	0.602	763	0.735	605	0.763	536	0.713	532	0.732	612	0.649	611	0.608	668	0.719	806	0.728	891	0.595	985	0.423	820	0.375	647	0.379	616	0.345	617	0.354	532	0.354	145	155
244	A	840980.3	821651.8	841071.8	821672.1	0	19	93.7	374	0.352	254	0.356	181	0.357	133	0.356	113	0.483	141	0.719	330	0.753	735	0.744	919	0.602	763	0.735	605	0.763	536	0.713	532	0.732	612	0.649	611	0.608	668	0.719	806	0.728	891	0.595	985	0.423	820	0.375	647	0.379	616	0.345	617	0.354	532	0.354	202	483
245	A	841071.8	821672.1	841124.1	821671.4	0	19	52.3	374	0.352	254	0.356	181	0.357	133	0.356	113	0.483	141	0.719	330	0.753	735	0.744	919	0.602	763	0.735	605	0.763	536	0.713	532	0.732	612	0.649	611	0.608	668	0.719	806	0.728	891	0.595	985	0.423	820	0.375	647	0.379	616	0.345	617	0.354	532	0.354	202	483
246	A	841124.1	821671.4	841231.7	821653.7	0	19	109.0	374	0.352	254	0.356	181	0.357	133	0.356	113	0.483	141	0.719	330	0.753	735	0.744	919	0.602	763	0.735	605	0.763	536	0.713	532	0.732	612	0.649	611	0.608	668	0.719	806	0.728	891	0.595	985	0.423	820	0.375	647	0.379	616	0.345	617	0.354	532	0.354	202	483
247	A	841231.7	821653.7	841280.1	821653.7	0	19	48.4	374	0.352	254	0.356	181	0.357	133	0.356	113	0.483	141	0.719	330	0.753	735	0.744	919	0.602	763	0.735	605	0.763	536	0.713	532	0.732	612	0.649	611	0.608	668	0.719	806	0.728	891	0.595	985	0.423	820	0.375	647	0.379	616	0.345	617	0.354	532	0.354	202	483
248	A	841280.1	821653.7	841327.8	821660.3	0	19	48.3	374	0.352	254	0.356	181	0.357	133	0.356	113	0.483	141	0.719	330	0.753	735	0.744	919	0.602	763	0.735	605	0.763	536	0.713	532	0.732	612	0.649	611	0.608	668	0.719	806	0.728	891	0.595	985	0.423	820	0.375	647	0.379	616	0.345	617	0.354	532	0.354	202	483
249	A	841327.8	821660.3	841375.8	821645.8	0	19	48.3	374	0.352	254	0.356	181	0.357	133	0.356	113	0.483	141	0.719	330	0.753	735	0.744	919	0.602	763	0.735	605	0.763	536	0.713	532	0.732	612	0.649	611	0.608	668	0.719	806	0.728	891	0.595	985	0.423	820	0.375	647	0.379	616	0.345	617	0.354	532	0.354	202	483
250	A	841375.8	821645.8	841423.8	821666.3	0	16	109.4	334	0.408	228	0.411	162	0.400	119	0.397	168	0.265	193	0.435	447	0.473	996	0.481	1297	0.389	1030	0.473	803	0.487	729	0.444	718	0.465	649	0.823	663	0.779	709	0.943	843	0.997	900	0.796	926	0.539	738	0.452	594	0.466	554	0.412	552	0.413	476	0.412	262	262
251	A	841423.8	821666.3	841471.8	821666.8	0	16	51.1	334	0.408	228	0.411	162	0.400	119	0.397	168	0.265	193	0.435	447	0.473	996	0.481	1297	0.389	1030	0.473	803	0.487	729	0.444	718	0.465	649	0.823	663	0.779	709	0.943	843	0.997	900	0.796	926	0.539	738	0.452	594	0.466	554	0.412	552	0.413	476	0.412	262	262
252	A	841471.8	821666.8	840981.1	821646.7	0	16	93.4	334	0.408	228	0.411	162	0.400	119	0.397	168	0.265	193	0.435	447	0.473	996	0.481	1297	0.389	1030	0.473	803	0.487	729	0.444	718	0.465	649	0.823	663	0.779	709	0.943	843	0.997	900	0.796	926	0.539	738	0.452	594	0.466	554	0.412	552	0.413	476	0.412	262	262
253	A	840981.1	821646.7	840951.2	821637.2	0	16	31.4	334	0.408	228	0.411	162	0.400	119	0.397	168	0.265	193	0.435	447	0.473	996	0.481	1297	0.389	1030	0.473	803	0.487	729	0.444	718	0.465	649	0.823	663	0.779	709	0.943	843	0.997	900	0.796	926	0.539	738	0.452	594	0.466	554	0.412	552	0.413	476	0.412	161	161
254	A	840951.2	821637.2	840924.9	821623.1	0	16	29.8	334	0.408	228	0.411	162	0.400	119	0.397	168	0.265	193	0.435	447	0.473	996	0.481	1297	0.389	1030	0.473	803	0.487	729	0.444	718	0.465	649	0.823	663	0.779	709	0.943	843	0.997	900	0.796	926	0.539	738	0.452	594	0.466	554	0.412	552	0.413	476	0.412	153	153
255	A	840924.9	821623.1	840893.4	821596.2	0	16	41.4	334	0.408	228	0.411	162	0.400	119	0.397	168	0.265	193	0.435	447	0.473	996	0.481	1297	0.389	1030	0.473	803	0.487	729	0.444	718	0.465	649	0.823	663	0.779	709	0.943	843	0.997	900	0.796	926	0.539	738	0.452	594	0.466	554	0.412	552	0.413	476	0.412	212	212
256	A	840893.4	821596.2	841386.1	821669.4	0	16	50.0	334	0.408	228	0.411	162	0.400	119	0.397	168	0.265	193	0.435	447	0.473	996	0.481	1297	0.389	1030	0.473	803	0.487	729	0.444	718	0.465	649	0.823	663	0.779	709	0.943	843	0.997	900	0.796	926	0.539	738	0.452	594	0.466	554	0.412	552	0.413	476	0.412	256	256
257	A	841386.1	821669.4	841328.9	821654.9	0	16	59.0	334	0.408	228	0.411	162	0.400	119	0.397	168	0.265	193	0.435	447	0.473	996	0.481	1297	0.389	1030	0.473	803	0.487	729	0.444	718	0.465	649	0.823	663	0.779	709	0.943	843	0.997	900	0.796	926	0.539	738	0.452	594	0.466	554	0.412	552	0.413	476	0.412	302	302
258	A	841328.9	821654.9	841280.1	821647.5	0	16	48.9	334	0.408	228	0.411	162	0.400	119	0.397	168	0.265	193	0.435	447	0.473	996	0.481	1297	0.389	1030	0.473	803	0.487	729	0.444	718	0.465	649	0.823	663	0.779	709	0.943	843	0.997	900	0.796	926	0.539	738	0.452	594	0.466	554	0.412	552	0.413	476	0.412	250	250
259	A	841280.1	821647.5	841231.7	821648.5	0	16	27.3	334	0.408	228	0.411	162	0.400	119	0.397	168	0.265	193	0.435	447	0.473	996	0.481	1297	0.389	1030	0.473	803	0.487	729	0.444	718	0.465	649	0.823	663	0.779	709	0.943	843	0.997	900	0.796	926	0.539	738	0.452	594	0.466	554	0.412	552	0.413	476	0.412	252	252
260	A	841231.7	821648.5	841183.8	821648.5	0	16	10.4	334	0.408	228	0.411	162	0.400	119	0.397	168	0.265	193	0.435	447	0.473	996	0.481	1297	0.389	1030	0.473	803	0.487	729	0.444	718	0.465	649	0.823	663	0.779	709	0.943	843	0.997	900	0.796	926	0.539	738	0.452	594	0.466	554	0.412	552	0.413	476	0.412	252	252
261	A	841183																																																								

Summary of Composite Vehicular Emission Factors for CALINE4 Model

Open Road 24 hour NOx Emission Factor (g/mile-veh) and Traffic Profile (NCWBR RW)

Link No	Road Type	X-Start	Y-Start	X-End	Y-End	Height	Width	Length	Hour 01		Hour 02		Hour 03		Hour 04		Hour 05		Hour 06		Hour 07		Hour 08		Hour 09		Hour 10		Hour 11		Hour 12		Hour 13		Hour 14		Hour 15		Hour 16		Hour 17		Hour 18		Hour 19		Hour 20		Hour 21		Hour 22		Hour 23		Hour 24		Total Emission (gm)
									Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf			
360	1	841450.9	821688.1	841443.3	821700.0	0	13.6	14.1	251	0.420	171	0.420	122	0.416	89	0.414	102	0.359	114	0.494	264	0.532	588	0.540	764	0.440	597	0.508	459	0.502	472	0.482	419	0.506	385	0.462	382	0.620	412	0.729	496	0.752	566	0.629	649	0.484	547	0.440	429	0.439	411	0.413	414	0.423	357	0.422	43
362	1	841575.9	821687.3	841579.3	821649.8	0	16	37.7	145	0.320	98	0.530	70	0.522	52	0.514	53	0.522	61	0.693	142	0.747	317	0.758	404	0.622	320	0.711	247	0.697	227	0.676	225	0.707	234	0.881	229	0.797	262	1.011	321	1.064	346	0.860	379	0.625	419	0.569	250	0.560	238	0.520	239	0.355	206	0.534	89
363	1	842351.0	821593.8	842233.8	821573.9	0	19.4	118.9	457	0.351	312	0.355	222	0.354	163	0.355	202	0.261	228	0.386	529	0.406	1179	0.401	1541	0.325	1217	0.395	947	0.413	864	0.382	848	0.395	822	0.634	838	0.607	885	0.701	1050	0.713	1156	0.588	1239	0.426	1005	0.374	803	0.384	757	0.349	755	0.352	651	0.352	615
364	1	842233.8	821573.9	842162.6	821568.9	0	19.4	71.4	457	0.351	312	0.355	222	0.354	163	0.355	202	0.261	228	0.386	529	0.406	1179	0.401	1541	0.325	1217	0.395	947	0.413	864	0.382	848	0.395	822	0.634	838	0.607	885	0.701	1050	0.713	1156	0.588	1239	0.426	1005	0.374	803	0.384	757	0.349	755	0.352	651	0.352	369
365	1	842162.6	821568.9	842121.2	821581.6	0	19.4	43.3	457	0.351	312	0.355	222	0.354	163	0.355	202	0.261	228	0.386	529	0.406	1179	0.401	1541	0.325	1217	0.395	947	0.413	864	0.382	848	0.395	822	0.634	838	0.607	885	0.701	1050	0.713	1156	0.588	1239	0.426	1005	0.374	803	0.384	757	0.349	755	0.352	651	0.352	224
366	1	842121.2	821581.6	842081.1	821603.1	0	19.4	45.5	457	0.351	312	0.355	222	0.354	163	0.355	202	0.261	228	0.386	529	0.406	1179	0.401	1541	0.325	1217	0.395	947	0.413	864	0.382	848	0.395	822	0.634	838	0.607	885	0.701	1050	0.713	1156	0.588	1239	0.426	1005	0.374	803	0.384	757	0.349	755	0.352	651	0.352	235
367	1	842081.1	821603.1	842007.1	821643.9	0	19.4	84.5	457	0.351	312	0.355	222	0.354	163	0.355	202	0.261	228	0.386	529	0.406	1179	0.401	1541	0.325	1217	0.395	947	0.413	864	0.382	848	0.395	822	0.634	838	0.607	885	0.701	1050	0.713	1156	0.588	1239	0.426	1005	0.374	803	0.384	757	0.349	755	0.352	651	0.352	437
368	1	842007.1	821643.9	841893.9	821685.0	0	19.4	120.4	457	0.351	312	0.355	222	0.354	163	0.355	202	0.261	228	0.386	529	0.406	1179	0.401	1541	0.325	1217	0.395	947	0.413	864	0.382	848	0.395	822	0.634	838	0.607	885	0.701	1050	0.713	1156	0.588	1239	0.426	1005	0.374	803	0.384	757	0.349	755	0.352	651	0.352	623
369	1	841893.9	821685.0	841787.6	821718.2	0	19.4	111.4	457	0.351	312	0.355	222	0.354	163	0.355	202	0.261	228	0.386	529	0.406	1179	0.401	1541	0.325	1217	0.395	947	0.413	864	0.382	848	0.395	822	0.634	838	0.607	885	0.701	1050	0.713	1156	0.588	1239	0.426	1005	0.374	803	0.384	757	0.349	755	0.352	651	0.352	576
370	1	841787.6	821718.2	841682.2	821748.6	0	19.4	110.0	457	0.351	312	0.355	222	0.354	163	0.355	202	0.261	228	0.386	529	0.406	1179	0.401	1541	0.325	1217	0.395	947	0.413	864	0.382	848	0.395	822	0.634	838	0.607	885	0.701	1050	0.713	1156	0.588	1239	0.426	1005	0.374	803	0.384	757	0.349	755	0.352	651	0.352	207
371	1	841682.2	821748.6	841576.2	821777.7	0	19.4	37.6	457	0.351	312	0.355	222	0.354	163	0.355	202	0.261	228	0.386	529	0.406	1179	0.401	1541	0.325	1217	0.395	947	0.413	864	0.382	848	0.395	822	0.634	838	0.607	885	0.701	1050	0.713	1156	0.588	1239	0.426	1005	0.374	803	0.384	757	0.349	755	0.352	651	0.352	195
372	1	841576.2	821777.7	841465.2	821706.7	0	19.4	49.5	457	0.351	312	0.355	222	0.354	163	0.355	202	0.261	228	0.386	529	0.406	1179	0.401	1541	0.325	1217	0.395	947	0.413	864	0.382	848	0.395	822	0.634	838	0.607	885	0.701	1050	0.713	1156	0.588	1239	0.426	1005	0.374	803	0.384	757	0.349	755	0.352	651	0.352	256
373	1	841465.2	821706.7	841355.9	821700.7	0	16	26.9	448	0.382	306	0.384	218	0.376	160	0.374	199	0.275	225	0.421	520	0.455	1160	0.462	1516	0.379	1198	0.457	932	0.468	850	0.430	835	0.447	808	0.724	823	0.693	868	0.816	1030	0.855	1134	0.690	1215	0.486	985	0.414	787	0.426	741	0.385	740	0.386	639	0.385	156
374	1	841355.9	821700.7	841245.2	821609.9	0	19.4	185.9	457	0.351	312	0.355	222	0.354	163	0.355	202	0.261	228	0.386	529	0.406	1179	0.401	1541	0.325	1217	0.395	947	0.413	864	0.382	848	0.395	822	0.634	838	0.607	885	0.701	1050	0.713	1156	0.588	1239	0.426	1005	0.374	803	0.384	757	0.349	755	0.352	651	0.352	278
375	1	841245.2	821609.9	841134.2	821593.8	0	19.4	53.7	457	0.351	312	0.355	222	0.354	163	0.355	202	0.261	228	0.386	529	0.406	1179	0.401	1541	0.325	1217	0.395	947	0.413	864	0.382	848	0.395	822	0.634	838	0.607	885	0.701	1050	0.713	1156	0.588	1239	0.426	1005	0.374	803	0.384	757	0.349	755	0.352	651	0.352	278
376	1	841134.2	821593.8	841023.2	821508.3	0	19	21.0	374	0.352	254	0.356	181	0.357	133	0.356	113	0.483	141	0.719	330	0.753	735	0.744	919	0.602	763	0.735	605	0.763	536	0.713	532	0.732	612	0.649	611	0.608	668	0.719	806	0.728	891	0.595	985	0.423	920	0.375	647	0.379	616	0.345	617	0.354	532	0.354	99
377	1	841023.2	821508.3	840912.2	821413.8	0	13.8	84.6	424	0.299	288	0.302	206	0.303	151	0.303	130	0.474	160	0.674	373	0.701	830	0.694	1044	0.585	855	0.687	672	0.714	602	0.667	598	0.687	656	0.536	653	0.507	707	0.593	852	0.598	965	0.489	1100	0.353	926	0.316	727	0.320	697	0.294	699	0.300	603	0.300	389
378	1	840912.2	821413.8	840801.2	821324.4	0	19	72.9	424	0.299	288	0.302	206	0.303	151	0.303	130	0.474	160	0.674	373	0.701	830	0.694	1044	0.585	855	0.687	672	0.714	602	0.667	598	0.687	656	0.536	653	0.507	707	0.593	852	0.598	965	0.489	1100	0.353	926	0.316	727	0.320	697	0.294	699	0.300	603	0.300	336
379	1	840801.2	821324.4	840690.2	821235.0	0	19	242.2	424	0.299	288	0.302	206	0.303	151	0.303	130	0.474	160	0.674	373	0.701	830	0.694	1044	0.585	855	0.687	672	0.714	602	0.667	598	0.687	656	0.536	653	0.507	707	0.593	852	0.598	965	0.489	1100	0.353	926	0.316	727	0.320	697	0.294	699	0.300	603	0.300	1115

Summary of Composite Vehicular Emission Factors for CALINE4 Model

Open Road 24 hour RSP Emission Factor (g/mile-veh) and Traffic Profile (NCWBR R/W)

Link No.	Route	X-Start	Y-Start	X-End	Y-End	Height	Width	Length	Hour 01	Hour 02	Hour 03	Hour 04	Hour 05	Hour 06	Hour 07	Hour 08	Hour 09	Hour 10	Hour 11	Hour 12	Hour 13	Hour 14	Hour 15	Hour 16	Hour 17	Hour 18	Hour 19	Hour 20	Hour 21	Hour 22	Hour 23	Hour 24	Total Emission (g/m)																								
0	1	841608.8	821426.9	841589.6	821497.1	0.0	21.6	72.7	185	0.024	126	0.024	90	0.025	66	0.025	105	0.018	120	0.027	279	0.029	622	0.028	804	0.022	632	0.025	488	0.025	448	0.024	444	0.026	304	0.044	296	0.039	342	0.054	419	0.057	449	0.043	486	0.029	407	0.026	319	0.026	303	0.023	305	0.024	263	0.024	1
1	1	841594.1	821380.6	841608.5	821427.1	0.0	22.0	48.7	185	0.024	126	0.024	90	0.025	66	0.025	105	0.018	120	0.027	279	0.029	622	0.028	804	0.022	632	0.025	488	0.025	448	0.024	444	0.026	304	0.044	296	0.039	342	0.054	419	0.057	449	0.043	486	0.029	407	0.026	319	0.026	303	0.023	305	0.024	263	0.024	8
2	1	841560.3	821311.1	841594.0	821380.9	0.0	23.0	77.5	185	0.024	126	0.024	90	0.025	66	0.025	105	0.018	120	0.027	279	0.029	622	0.028	804	0.022	632	0.025	488	0.025	448	0.024	444	0.026	304	0.044	296	0.039	342	0.054	419	0.057	449	0.043	486	0.029	407	0.026	319	0.026	303	0.023	305	0.024	263	0.024	12
3	1	841552.7	821274.6	841560.3	821313.1	0.0	24.0	37.5	185	0.024	126	0.024	90	0.025	66	0.025	105	0.018	120	0.027	279	0.029	622	0.028	804	0.022	632	0.025	488	0.025	448	0.024	444	0.026	304	0.044	296	0.039	342	0.054	419	0.057	449	0.043	486	0.029	407	0.026	319	0.026	303	0.023	305	0.024	263	0.024	6
4	1	841556.8	821238.3	841552.5	821274.6	0.0	23.6	36.6	185	0.024	126	0.024	90	0.025	66	0.025	105	0.018	120	0.027	279	0.029	622	0.028	804	0.022	632	0.025	488	0.025	448	0.024	444	0.026	304	0.044	296	0.039	342	0.054	419	0.057	449	0.043	486	0.029	407	0.026	319	0.026	303	0.023	305	0.024	263	0.024	6
5	1	841580.9	821189.7	841556.9	821238.3	0.0	23.6	54.2	185	0.024	126	0.024	90	0.025	66	0.025	105	0.018	120	0.027	279	0.029	622	0.028	804	0.022	632	0.025	488	0.025	448	0.024	444	0.026	304	0.044	296	0.039	342	0.054	419	0.057	449	0.043	486	0.029	407	0.026	319	0.026	303	0.023	305	0.024	263	0.024	8
6	1	841624.8	821150.8	841580.9	821189.8	0.0	24.0	58.7	185	0.024	126	0.024	90	0.025	66	0.025	105	0.018	120	0.027	279	0.029	622	0.028	804	0.022	632	0.025	488	0.025	448	0.024	444	0.026	304	0.044	296	0.039	342	0.054	419	0.057	449	0.043	486	0.029	407	0.026	319	0.026	303	0.023	305	0.024	263	0.024	9
7	1	841561.8	821069.3	841595.8	821071.8	0.0	18.0	32.9	64	0.044	44	0.045	31	0.045	23	0.045	33	0.035	38	0.044	90	0.046	200	0.045	245	0.035	199	0.040	153	0.040	141	0.040	140	0.041	104	0.060	98	0.053	115	0.066	138	0.068	152	0.058	166	0.047	140	0.045	108	0.044	103	0.042	106	0.044	91	0.044	3
8	1	841528.9	821052.1	841560.1	821069.2	0.0	18.0	35.6	64	0.044	44	0.045	31	0.045	23	0.045	33	0.035	38	0.044	90	0.046	200	0.045	245	0.035	199	0.040	153	0.040	141	0.040	140	0.041	104	0.060	98	0.053	115	0.066	138	0.068	152	0.058	166	0.047	140	0.045	108	0.044	103	0.042	106	0.044	91	0.044	3
9	1	841591.4	821095.8	841360.1	821409.2	0.0	21.6	86.1	201	0.023	137	0.023	97	0.023	71	0.023	74	0.023	85	0.033	197	0.034	439	0.033	558	0.026	444	0.030	342	0.029	315	0.029	312	0.031	326	0.042	319	0.037	366	0.052	447	0.054	482	0.041	527	0.027	442	0.025	346	0.024	330	0.022	331	0.023	286	0.023	8
10	1	841591.4	821095.8	841360.1	821409.2	0.0	24.9	55.3	201	0.023	137	0.023	97	0.023	71	0.023	74	0.023	85	0.033	197	0.034	439	0.033	558	0.026	444	0.030	342	0.029	315	0.029	312	0.031	326	0.042	319	0.037	366	0.052	447	0.054	482	0.041	527	0.027	442	0.025	346	0.024	330	0.022	331	0.023	286	0.023	8
11	1	841568.1	821240.0	841591.5	821195.8	0.0	23.6	50.0	201	0.023	137	0.023	97	0.023	71	0.023	74	0.023	85	0.033	197	0.034	439	0.033	558	0.026	444	0.030	342	0.029	315	0.029	312	0.031	326	0.042	319	0.037	366	0.052	447	0.054	482	0.041	527	0.027	442	0.025	346	0.024	330	0.022	331	0.023	286	0.023	7
12	1	841564.4	821271.9	841567.9	821239.9	0.0	23.6	32.2	201	0.023	137	0.023	97	0.023	71	0.023	74	0.023	85	0.033	197	0.034	439	0.033	558	0.026	444	0.030	342	0.029	315	0.029	312	0.031	326	0.042	319	0.037	366	0.052	447	0.054	482	0.041	527	0.027	442	0.025	346	0.024	330	0.022	331	0.023	286	0.023	5
13	1	841600.1	821499.0	841619.4	821426.8	0.0	21.6	74.7	201	0.023	137	0.023	97	0.023	71	0.023	74	0.023	85	0.033	197	0.034	439	0.033	558	0.026	444	0.030	342	0.029	315	0.029	312	0.031	326	0.042	319	0.037	366	0.052	447	0.054	482	0.041	527	0.027	442	0.025	346	0.024	330	0.022	331	0.023	286	0.023	11
14	1	841747.2	822185.2	841738.8	822269.0	0.0	14.0	84.2	2.0	0.021	1.0	0.021	1.0	0.020	1.0	0.020	1.0	0.009	1.0	0.039	2.0	0.040	5.0	0.039	6.0	0.030	4.0	0.027	3.0	0.025	3.0	0.024	3.0	0.036	1.0	0.032	1.0	0.031	1.0	0.030	8.0	0.027	4.0	0.021	4.0	0.024	4.0	0.022	3.0	0.021	3.0	0.021	0				
15	1	841740.8	822269.2	841749.4	822182.8	0.0	14.0	86.8	1.0	0.004	1.0	0.004	1.0	0.004	1.0	0.011	1.0	0.011	2.0	0.032	4.0	0.033	9.0	0.032	11.0	0.027	8.0	0.026	7.0	0.025	7.0	0.024	7.0	0.031	1.0	0.034	1.0	0.034	2.0	0.004	2.0	0.004	3.0	0.004	2.0	0.004	2.0	0.005	2.0	0.005	0						
16	1	840885.0	821410.7	840944.2	821377.6	0.0	19.0	67.8	70	0.015	47	0.015	41	0.014	25	0.015	31	0.016	41	0.043	96	0.044	215	0.043	265	0.032	195	0.031	145	0.028	136	0.028	149	0.039	113	0.043	109	0.037	134	0.058	170	0.063	173	0.043	183	0.021	155	0.019	121	0.018	115	0.015	99	0.015	4		
17	1	841020.9	821320.6	840952.3	821371.3	0.0	19.0	79.9	76	0.012	52	0.012	27	0.012	27	0.012	24	0.017	34	0.042	79	0.043	176	0.043	215	0.033	167	0.031	128	0.029	116	0.029	125	0.039	131	0.044	129	0.039	157	0.060	198	0.065	198	0.044	203	0.021	169	0.017	133	0.017	126	0.013	125	0.013	108	0.013	5
18	1	841345.1	821412.6	841477.7	821580.4	0.0	19.0	213.9	55	0.012	10	0.012	7	0.011	5	0.012	10	0.006	12	0.025	29	0.026	64	0.025	87	0.019	63	0.017	48	0.016	44	0.016	46	0.023	35	0.050	35	0.042	43	0.071	54	0.079	50	0.055	44	0.024	25	0.014	25	0.012	21	0.012	3				
19	1	841032.1	821678.5	841360.1	821409.2	0.0	17.0	213.2	55	0.010	5	0.010	5	0.010	5	0.010	5	0.010	5	0.010	5	0.010	5	0.010	5	0.010	5	0.010	5	0.010	5	0.010	5	0.010	5	0.010	5	0.010	5	0.010	5	0.010	5	0.010	5	0.010	5	0.010	5	0.010	5	0.010	5	0.010	5	0.010	5
20	1	841129.8	820825.7	841123.9	820880.5	0.0	18.0	55.1	247	0.021	169	0.022	120	0.021	88	0.021	78	0.017	98	0.029	229	0.030	509	0.030	64																																

Summary of Composite Vehicular Emission Factors for CALINE4 Model

Open Road 24 hour RSP Emission Factor (g/mile-veh) and Traffic Profile (NCWBR R/W)

Link No.	Route	X-Start	Y-Start	X-End	Y-End	Height	Width	Length	Hour 01	Hour 02	Hour 03	Hour 04	Hour 05	Hour 06	Hour 07	Hour 08	Hour 09	Hour 10	Hour 11	Hour 12	Hour 13	Hour 14	Hour 15	Hour 16	Hour 17	Hour 18	Hour 19	Hour 20	Hour 21	Hour 22	Hour 23	Hour 24	Total Emission																						
240	4	840826.1	821519.3	840889.4	821599.9	0.0	19.0	102.5	421.0	286.0	204.0	150.0	129.0	160.0	833.0	1039.0	862.0	681.0	606.0	688.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0																				
241	4	840889.4	821599.9	840921.9	821627.8	0.0	19.0	42.8	421.0	286.0	204.0	150.0	129.0	160.0	833.0	1039.0	862.0	681.0	606.0	688.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0																				
242	4	840921.9	821627.8	840948.8	821642.6	0.0	19.0	30.7	421.0	286.0	204.0	150.0	129.0	160.0	833.0	1039.0	862.0	681.0	606.0	688.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0																			
243	4	840948.8	821642.6	840980.3	821651.8	0.0	19.0	32.8	421.0	286.0	204.0	150.0	129.0	160.0	833.0	1039.0	862.0	681.0	606.0	688.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0																			
244	4	840980.3	821651.8	841071.8	821672.1	0.0	19.0	93.7	421.0	286.0	204.0	150.0	129.0	160.0	833.0	1039.0	862.0	681.0	606.0	688.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0																			
245	1	841071.8	821672.1	841231.7	821672.1	0.0	19.0	52.3	421.0	286.0	204.0	150.0	129.0	160.0	833.0	1039.0	862.0	681.0	606.0	688.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0																			
246	1	841231.7	821672.1	841231.7	821653.3	0.0	19.0	109.0	421.0	286.0	204.0	150.0	129.0	160.0	833.0	1039.0	862.0	681.0	606.0	688.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0																			
247	1	841231.7	821653.3	841280.1	821653.0	0.0	19.0	48.4	421.0	286.0	204.0	150.0	129.0	160.0	833.0	1039.0	862.0	681.0	606.0	688.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0																			
248	1	841280.1	821653.0	841327.8	821660.3	0.0	19.0	48.3	421.0	286.0	204.0	150.0	129.0	160.0	833.0	1039.0	862.0	681.0	606.0	688.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0																			
249	1	841327.8	821660.3	841374.3	821666.1	0.0	19.0	42.3	421.0	286.0	204.0	150.0	129.0	160.0	833.0	1039.0	862.0	681.0	606.0	688.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0	685.0																			
250	1	841374.3	821666.1	841421.3	821666.3	0.0	16.0	109.4	386.0	0.022	263.0	0.022	187.0	0.022	198.0	0.015	228.0	0.024	528.0	0.026	1176.0	0.026	1529.0	0.021	1214.0	0.025	946.0	0.025	860.0	0.023	847.0	0.025	737.0	0.041	750.0	0.037	807.0	0.050	961.0	0.053	1008.0	0.041	1064.0	0.027	853.0	0.024	684.0	0.024	640.0	0.021	638.0	0.022	550.0	0.022	34.0
251	1	841421.3	821666.3	841470.3	821666.8	0.0	16.0	51.1	386.0	0.022	263.0	0.022	187.0	0.022	198.0	0.015	228.0	0.024	528.0	0.026	1176.0	0.026	1529.0	0.021	1214.0	0.025	946.0	0.025	860.0	0.023	847.0	0.025	737.0	0.041	750.0	0.037	807.0	0.050	961.0	0.053	1028.0	0.041	1064.0	0.027	853.0	0.024	684.0	0.024	640.0	0.021	638.0	0.022	550.0	0.022	16.0
252	4	841470.3	821666.8	840981.1	821646.7	0.0	16.0	93.4	386.0	0.022	263.0	0.022	187.0	0.022	198.0	0.015	228.0	0.024	528.0	0.026	1176.0	0.026	1529.0	0.021	1214.0	0.025	946.0	0.025	860.0	0.023	847.0	0.025	737.0	0.041	750.0	0.037	807.0	0.050	961.0	0.053	1028.0	0.041	1064.0	0.027	853.0	0.024	684.0	0.024	640.0	0.021	638.0	0.022	550.0	0.022	29.0
253	4	840981.1	821646.7	840921.9	821627.8	0.0	16.0	31.4	386.0	0.022	263.0	0.022	187.0	0.022	198.0	0.015	228.0	0.024	528.0	0.026	1176.0	0.026	1529.0	0.021	1214.0	0.025	946.0	0.025	860.0	0.023	847.0	0.025	737.0	0.041	750.0	0.037	807.0	0.050	961.0	0.053	1028.0	0.041	1064.0	0.027	853.0	0.024	684.0	0.024	640.0	0.021	638.0	0.022	550.0	0.022	10.0
254	4	840921.9	821627.8	840921.9	821623.1	0.0	16.0	29.8	386.0	0.022	263.0	0.022	187.0	0.022	198.0	0.015	228.0	0.024	528.0	0.026	1176.0	0.026	1529.0	0.021	1214.0	0.025	946.0	0.025	860.0	0.023	847.0	0.025	737.0	0.041	750.0	0.037	807.0	0.050	961.0	0.053	1028.0	0.041	1064.0	0.027	853.0	0.024	684.0	0.024	640.0	0.021	638.0	0.022	550.0	0.022	9.0
255	4	840921.9	821623.1	840989.4	821596.2	0.0	16.0	41.4	386.0	0.022	263.0	0.022	187.0	0.022	198.0	0.015	228.0	0.024	528.0	0.026	1176.0	0.026	1529.0	0.021	1214.0	0.025	946.0	0.025	860.0	0.023	847.0	0.025	737.0	0.041	750.0	0.037	807.0	0.050	961.0	0.053	1028.0	0.041	1064.0	0.027	853.0	0.024	684.0	0.024	640.0	0.021	638.0	0.022	550.0	0.022	13.0
256	1	841435.2	821678.9	841386.1	821669.4	0.0	16.0	50.0	386.0	0.022	263.0	0.022	187.0	0.022	198.0	0.015	228.0	0.024	528.0	0.026	1176.0	0.026	1529.0	0.021	1214.0	0.025	946.0	0.025	860.0	0.023	847.0	0.025	737.0	0.041	750.0	0.037	807.0	0.050	961.0	0.053	1028.0	0.041	1064.0	0.027	853.0	0.024	684.0	0.024	640.0	0.021	638.0	0.022	550.0	0.022	15.0
257	1	841386.1	821669.4	841386.9	821654.9	0.0	16.0	59.0	386.0	0.022	263.0	0.022	187.0	0.022	198.0	0.015	228.0	0.024	528.0	0.026	1176.0	0.026	1529.0	0.021	1214.0	0.025	946.0	0.025	860.0	0.023	847.0	0.025	737.0	0.041	750.0	0.037	807.0	0.050	961.0	0.053	1028.0	0.041	1064.0	0.027	853.0	0.024	684.0	0.024	640.0	0.021	638.0	0.022	550.0	0.022	18.0
258	1	841386.9	821654.9	841280.6	821647.5	0.0	16.0	48.9	386.0	0.022	263.0	0.022	187.0	0.022	198.0	0.015	228.0	0.024	528.0	0.026	1176.0	0.026	1529.0	0.021	1214.0	0.025	946.0	0.025	860.0	0.023	847.0	0.025	737.0	0.041	750.0	0.037	807.0	0.050	961.0	0.053	1028.0	0.041	1064.0	0.027	853.0	0.024	684.0	0.024	640.0	0.021	638.0	0.022	550.0	0.022	15.0
259	1	841280.6	821647.5	841231.3	821645.5	0.0	16.0	49.3	386.0	0.022	263.0	0.022	187.0	0.022	198.0	0.015	228.0	0.024	528.0	0.026	1176.0	0.026	1529.0	0.021	1214.0	0.025	946.0	0.025	860.0	0.023	847.0	0.025	737.0	0.041	750.0	0.037	807.0	0.050	961.0	0.053	1028.0	0.041	1064.0	0.027	853.0	0.024	684.0	0.024	640.0	0.021	638.0	0.022	550.0	0.022	15.0
260	1	841231.3	821645.5	841231.3	821704.8	0.0	16.0	28.1	386.0	0.022	263.0	0.022	187.0	0.022	198.0	0.015	228.0	0.024	528.0	0.026	1176.0	0.026	1529.0	0.021	1214.0	0.025	946.0	0.025	860.0	0.023	847.0	0.025	737.0	0.041	750.0	0.037	807.0	0.050	961.0	0.053	1028.0	0.041	1064.0	0.027	853.0	0.024	684.0	0.024	640.0	0.021	638.0	0.022	550.0	0.022	34.0
261	1	841231.3	821704.8	841369.3	821717.0	0.0	10.0	12.4	8.0	0.008	5.0	0.008	4.0	0.007	3.0	0.007	4.0	0.014	10.0	0.015	23.0	0.015	31.0	0.013	24.0	0.014	18.0	0.014	17.0	0.013	17.0	0.012	12.0	0.031	17.0	0.027	14.0	0.043	17.0	0.014	17.0	0.013	20.0	0.014	17.0	0.011	13.0	0.012	13.0	0.009	11.0	0.008	0.0		
262	1	841369.3	821717.0	841681.4	821983.6	0.0	15.4	54.0	4.0	0.007	3.0	0.007	2.0	0.007	2.0	0.009	2.0	0.025	5.0	0.026																																			

Summary of Composite Vehicular Emission Factors for CALINE4 Model

Open Road 24 hour RSP Emission Factor (g/mile-veh) and Traffic Profile (NCWBR R/W)

Link No.	Route Type	X-Start	Y-Start	X-End	Y-End	Height	Width	Length	Hour 01	Hour 02	Hour 03	Hour 04	Hour 05	Hour 06	Hour 07	Hour 08	Hour 09	Hour 10	Hour 11	Hour 12	Hour 13	Hour 14	Hour 15	Hour 16	Hour 17	Hour 18	Hour 19	Hour 20	Hour 21	Hour 22	Hour 23	Hour 24	Total Emission (gm)																								
360	1	841450.9	821688.1	841443.3	821700.0	0.0	13.6	14.1	270	0.020	184	0.020	131	0.020	96	0.020	114	0.015	127	0.023	293	0.024	654	0.024	854	0.019	466	0.022	512	0.021	473	0.021	467	0.022	417	0.033	414	0.029	448	0.038	539	0.040	612	0.032	700	0.023	590	0.021	463	0.020	443	0.019	445	0.020	384	0.020	5
362	1	841575.8	821687.3	841579.3	821649.8	0.0	16.0	37.7	196	0.023	133	0.023	95	0.023	70	0.022	71	0.022	82	0.031	190	0.033	424	0.033	538	0.026	428	0.030	302	0.029	303	0.028	301	0.028	317	0.027	310	0.027	355	0.051	434	0.050	469	0.041	514	0.027	432	0.025	338	0.024	322	0.022	324	0.023	279	0.023	5
363	1	842331.8	821593.8	842333.8	821573.9	0.0	19.4	118.9	471	0.022	321	0.022	228	0.022	168	0.022	208	0.016	235	0.025	544	0.026	1214	0.026	1588	0.020	1254	0.024	975	0.025	890	0.023	874	0.025	847	0.041	863	0.036	911	0.049	1082	0.051	1190	0.039	1275	0.026	1034	0.023	826	0.023	779	0.021	777	0.022	671	0.022	40
364	1	842233.8	821573.9	842162.6	821568.9	0.0	19.4	71.4	471	0.022	321	0.022	228	0.022	168	0.022	208	0.016	235	0.025	544	0.026	1214	0.026	1588	0.020	1254	0.024	975	0.025	890	0.023	874	0.025	847	0.041	863	0.036	911	0.049	1082	0.051	1190	0.039	1275	0.026	1034	0.023	826	0.023	779	0.021	777	0.022	671	0.022	24
365	1	842162.6	821568.9	842021.2	821561.6	0.0	19.4	43.3	471	0.022	321	0.022	228	0.022	168	0.022	208	0.016	235	0.025	544	0.026	1214	0.026	1588	0.020	1254	0.024	975	0.025	890	0.023	874	0.025	847	0.041	863	0.036	911	0.049	1082	0.051	1190	0.039	1275	0.026	1034	0.023	826	0.023	779	0.021	777	0.022	671	0.022	15
366	1	842121.2	821581.6	842081.1	821603.1	0.0	19.4	45.5	471	0.022	321	0.022	228	0.022	168	0.022	208	0.016	235	0.025	544	0.026	1214	0.026	1588	0.020	1254	0.024	975	0.025	890	0.023	874	0.025	847	0.041	863	0.036	911	0.049	1082	0.051	1190	0.039	1275	0.026	1034	0.023	826	0.023	779	0.021	777	0.022	671	0.022	15
367	1	842081.1	821603.1	842007.1	821643.9	0.0	19.4	84.5	471	0.022	321	0.022	228	0.022	168	0.022	208	0.016	235	0.025	544	0.026	1214	0.026	1588	0.020	1254	0.024	975	0.025	890	0.023	874	0.025	847	0.041	863	0.036	911	0.049	1082	0.051	1190	0.039	1275	0.026	1034	0.023	826	0.023	779	0.021	777	0.022	671	0.022	29
368	1	842007.1	821643.9	841893.9	821685.0	0.0	19.4	120.4	471	0.022	321	0.022	228	0.022	168	0.022	208	0.016	235	0.025	544	0.026	1214	0.026	1588	0.020	1254	0.024	975	0.025	890	0.023	874	0.025	847	0.041	863	0.036	911	0.049	1082	0.051	1190	0.039	1275	0.026	1034	0.023	826	0.023	779	0.021	777	0.022	671	0.022	41
369	1	841893.9	821685.0	841787.6	821718.2	0.0	19.4	111.4	471	0.022	321	0.022	228	0.022	168	0.022	208	0.016	235	0.025	544	0.026	1214	0.026	1588	0.020	1254	0.024	975	0.025	890	0.023	874	0.025	847	0.041	863	0.036	911	0.049	1082	0.051	1190	0.039	1275	0.026	1034	0.023	826	0.023	779	0.021	777	0.022	671	0.022	38
370	1	841787.6	821718.2	841701.2	821722.6	0.0	20.0	81.5	437	0.021	297	0.021	212	0.021	155	0.021	134	0.025	164	0.042	383	0.044	853	0.044	1075	0.034	879	0.042	691	0.043	619	0.040	614	0.043	675	0.038	673	0.034	728	0.045	877	0.046	993	0.036	1133	0.024	954	0.022	749	0.022	717	0.020	720	0.021	621	0.021	76
371	1	841701.2	821722.6	841616.0	821717.7	0.0	19.4	37.6	471	0.022	321	0.022	228	0.022	168	0.022	208	0.016	235	0.025	544	0.026	1214	0.026	1588	0.020	1254	0.024	975	0.025	890	0.023	874	0.025	847	0.041	863	0.036	911	0.049	1082	0.051	1190	0.039	1275	0.026	1034	0.023	826	0.023	779	0.021	777	0.022	671	0.022	13
372	1	841616.0	821717.7	841662.2	821706.7	0.0	19.4	49.5	471	0.022	321	0.022	228	0.022	168	0.022	208	0.016	235	0.025	544	0.026	1214	0.026	1588	0.020	1254	0.024	975	0.025	890	0.023	874	0.025	847	0.041	863	0.036	911	0.049	1082	0.051	1190	0.039	1275	0.026	1034	0.023	826	0.023	779	0.021	777	0.022	671	0.022	17
373	1	841662.2	821706.7	841635.9	821700.7	0.0	16.0	26.9	462	0.020	315	0.020	224	0.020	164	0.020	205	0.015	232	0.023	536	0.024	1196	0.024	1563	0.019	1235	0.023	961	0.023	876	0.022	861	0.023	832	0.036	849	0.033	895	0.043	1061	0.045	1168	0.035	1251	0.024	1014	0.022	811	0.021	764	0.019	762	0.020	658	0.020	8
374	1	842574.3	821680.0	842402.5	821609.0	0.0	19.4	185.9	471	0.022	321	0.022	228	0.022	168	0.022	208	0.016	235	0.025	544	0.026	1214	0.026	1588	0.020	1254	0.024	975	0.025	890	0.023	874	0.025	847	0.041	863	0.036	911	0.049	1082	0.051	1190	0.039	1275	0.026	1034	0.023	826	0.023	779	0.021	777	0.022	671	0.022	63
375	1	842402.5	821609.0	842351.0	821593.8	0.0	19.4	53.7	471	0.022	321	0.022	228	0.022	168	0.022	208	0.016	235	0.025	544	0.026	1214	0.026	1588	0.020	1254	0.024	975	0.025	890	0.023	874	0.025	847	0.041	863	0.036	911	0.049	1082	0.051	1190	0.039	1275	0.026	1034	0.023	826	0.023	779	0.021	777	0.022	671	0.022	18
376	1	841445.8	821696.1	841466.2	821701.0	0.0	19.0	21.0	421	0.023	286	0.023	204	0.023	150	0.023	129	0.027	160	0.045	374	0.047	833	0.047	1039	0.037	862	0.045	681	0.047	606	0.043	601	0.046	688	0.045	685	0.040	751	0.053	907	0.055	1001	0.047	1107	0.027	923	0.025	727	0.025	692	0.022	694	0.023	599	0.023	7
377	1	841634.3	821709.9	841716.0	821731.8	0.0	13.8	84.6	437	0.021	297	0.021	212	0.021	155	0.021	134	0.025	164	0.042	383	0.044	853	0.044	1075	0.034	879	0.042	691	0.043	619	0.040	614	0.043	675	0.038	673	0.034	728	0.045	877	0.046	993	0.036	1133	0.024	954	0.022	749	0.022	717	0.020	720	0.021	621	0.021	27
378	1	841716.0	821731.8	841788.9	821734.1	0.0	19.0	72.9	437	0.021	297	0.021	212	0.021	155	0.021	134	0.025	164	0.042	383	0.044	853	0.044	1075	0.034	879	0.042	691	0.043	619	0.040	614	0.043	675	0.038	673	0.034	728	0.045	877	0.046	993	0.036	1133	0.024	954	0.022	749	0.022	717	0.020	720	0.021	621	0.021	23
379	1	841788.9	821734.1	842017.3	821653.6	0.0	19.0	242.2	437	0.021	297	0.021	212	0.021	155	0.021	134	0.025	164	0.042	383	0.044	853	0.044	1075	0.034	879	0.042	691	0.043	619	0.040	614	0.043	675	0.038	673	0.034	728	0.045	877	0.046	993	0.036	1133	0.024	954	0.022	749	0.022	717	0.020	720	0.021	621	0.021	76
380	1	842017.3	821653.6	841781.4	821722.6	0.0	20.0	81.5	437	0.021	297	0.021	212	0.021	155	0.021	134	0.025	164	0.042	383	0.044	853	0.044	1075	0.034	879	0.042	691	0.043	619	0.040	614	0.043	675	0.038	673	0.034	728	0.045																	

Summary of Composite Vehicular Emission Factors for CALINE4 Model

Open Road 24 hour FSP Emission Factor (g/mile-veh) and Traffic Profile (NCWBR R/W)

Link No.	Road Type	X-Start	Y-Start	X-End	Y-End	Height	Width	Length	Hour 01		Hour 02		Hour 03		Hour 04		Hour 05		Hour 06		Hour 07		Hour 08		Hour 09		Hour 10		Hour 11		Hour 12		Hour 13		Hour 14		Hour 15		Hour 16		Hour 17		Hour 18		Hour 19		Hour 20		Hour 21		Hour 22		Hour 23		Hour 24		Total Emission (g/m)
									Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf			
									2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
120		841677.2	821996	841699.7	822034	0	15.4	530	2	0.016	2	0.017	1	0.016	1	0.016	1	0.009	0.009	3	0.030	7	0.029	9	0.023	8	0.023	6	0.022	5	0.021	5	0.021	11	0.028	12	0.029	10	0.028	11	0.027	12	0.026	9	0.022	5	0.017	5	0.020	4	0.018	4	0.017	3	0.017	0	

500m
Assessment
Area

2

1

J/O Clear Water Bay
Road/On Sau Road

Semi-
Enclosure

Cantilevered
Noise
Barrier

Full-
Enclosure
Cantilevered
Noise
Barrier

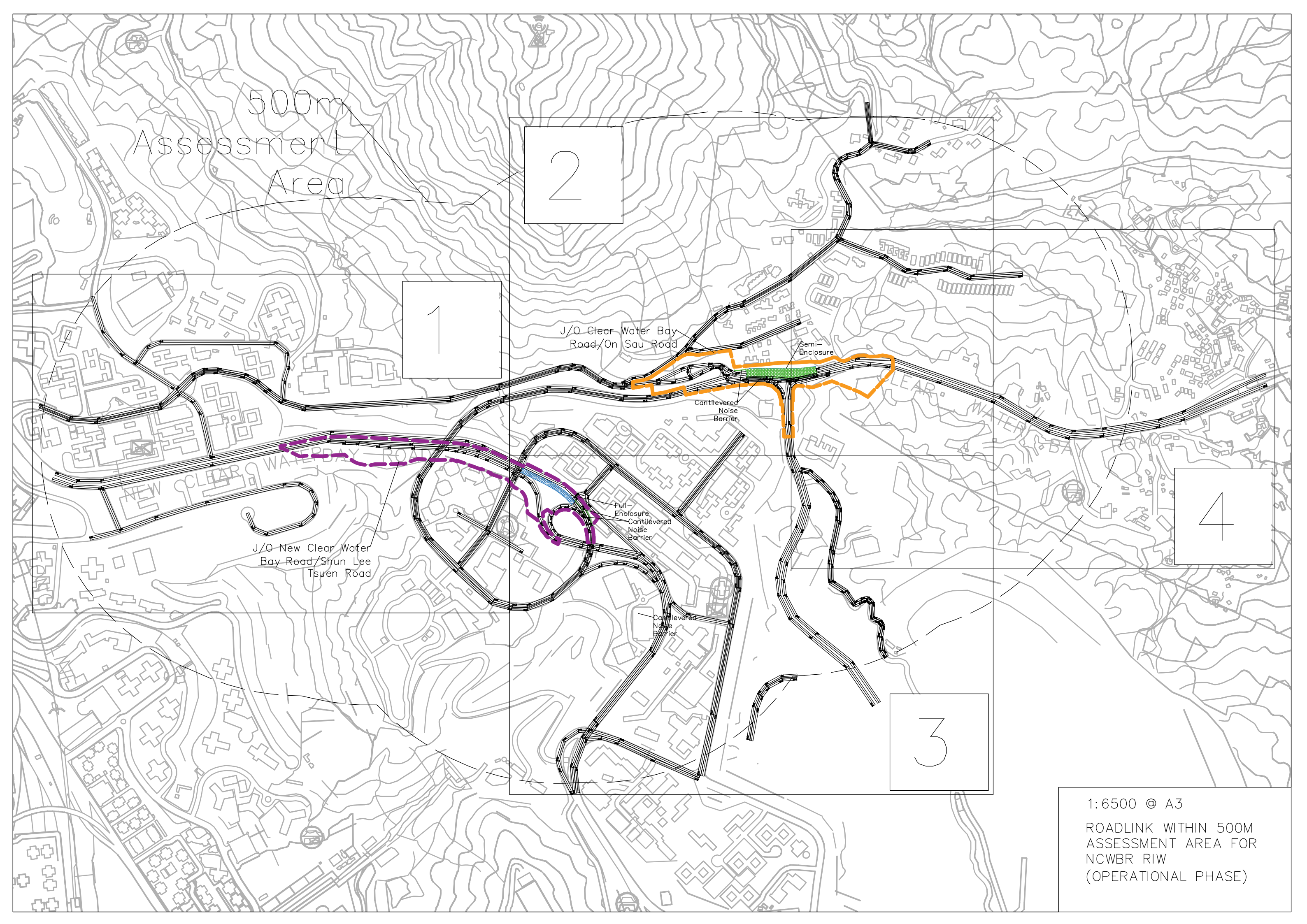
J/O New Clear Water
Bay Road/Shun Lee
Tsuen Road

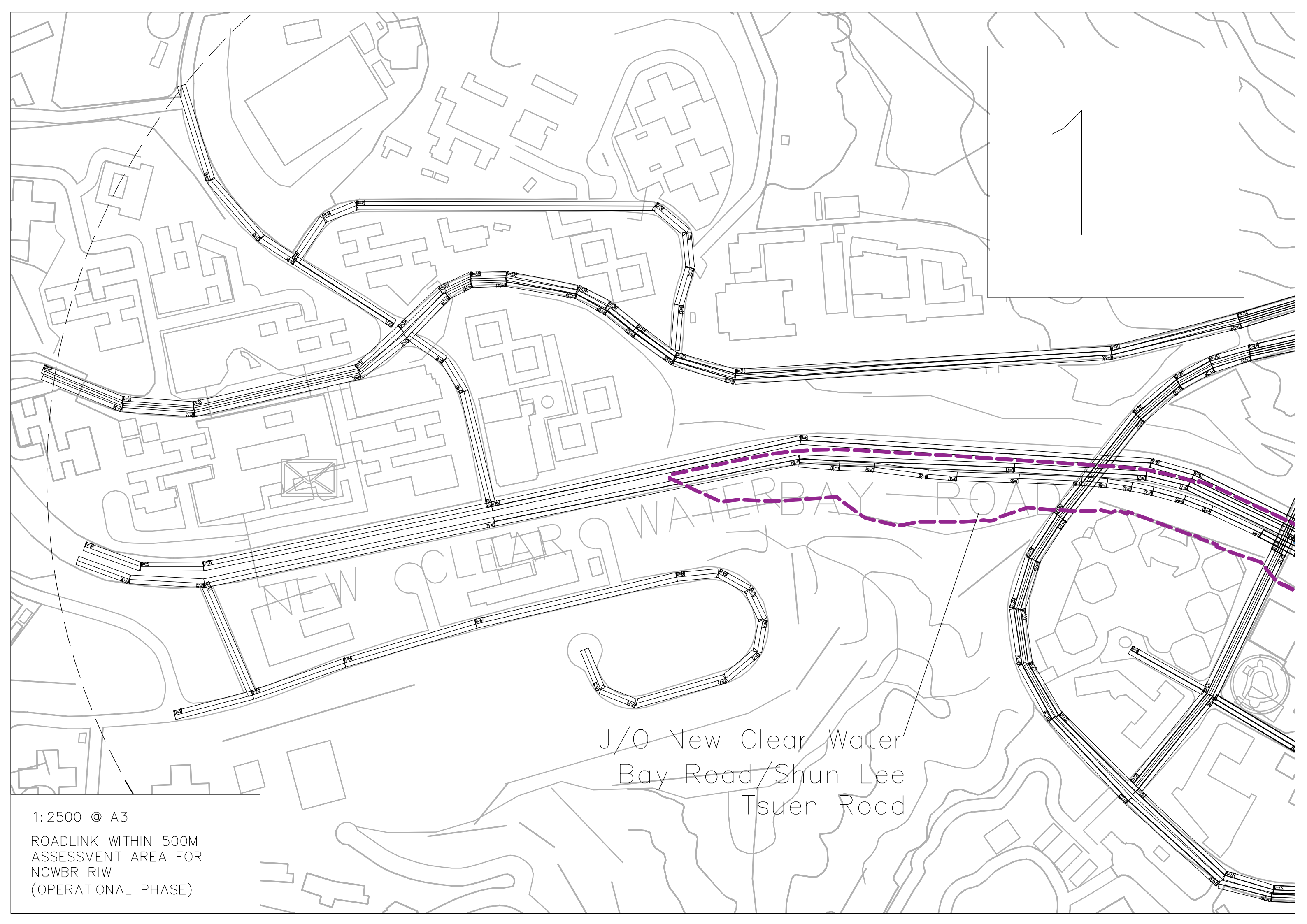
Cantilevered
Noise
Barrier

4

3

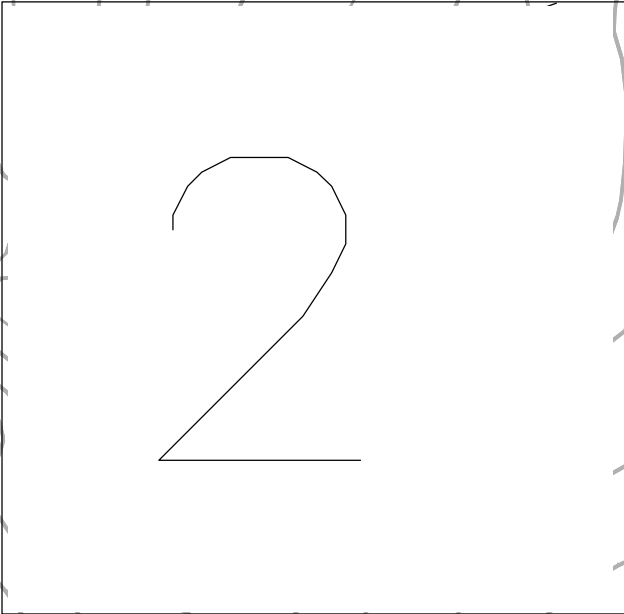
1:6500 @ A3
ROADLINK WITHIN 500M
ASSESSMENT AREA FOR
NCWBR RIW
(OPERATIONAL PHASE)





J/O New Clear Water
Bay Road/Shun Lee
Tsuen Road

1:2500 © A3
ROADLINK WITHIN 500M
ASSESSMENT AREA FOR
NCWBR RIW
(OPERATIONAL PHASE)



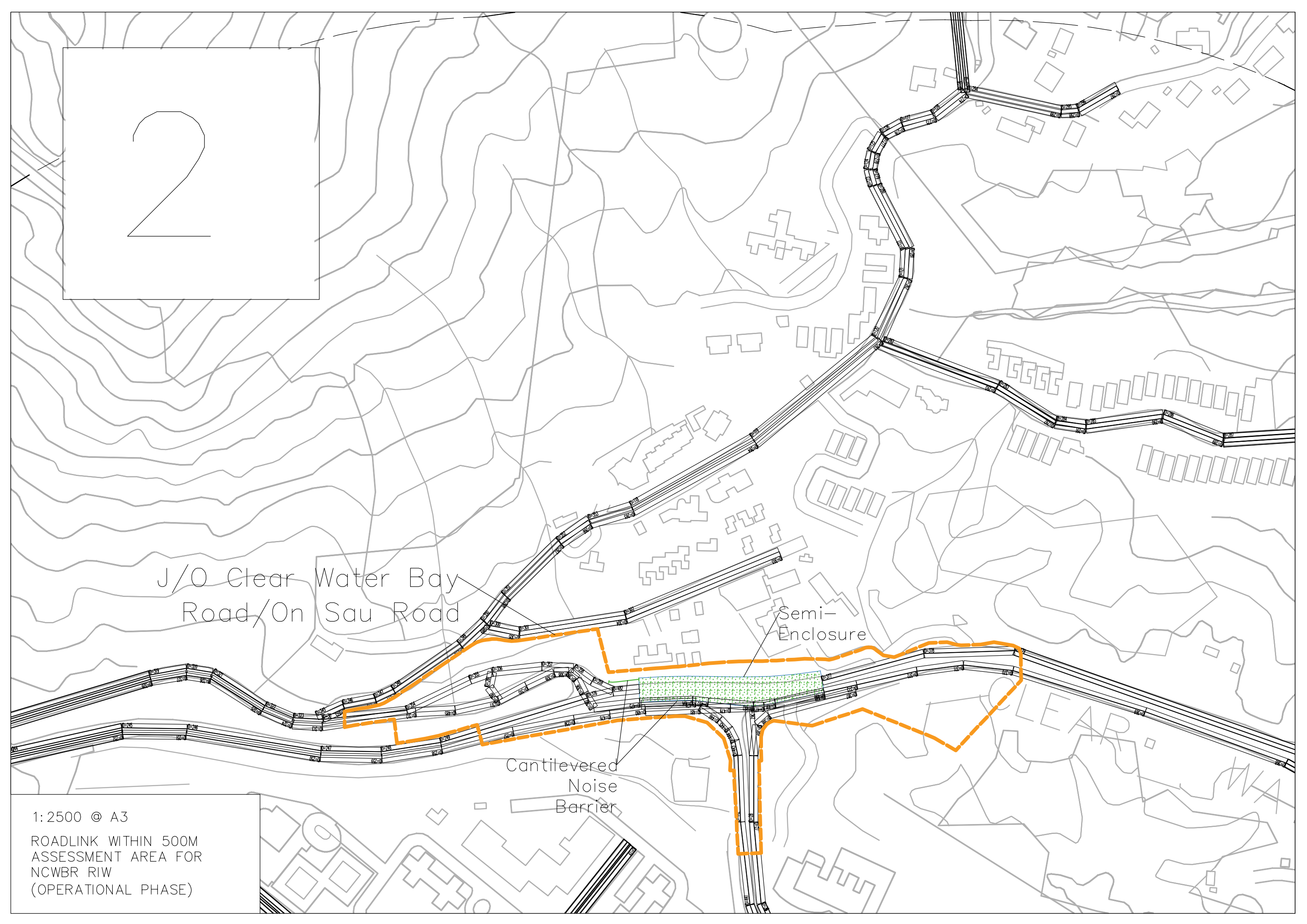
J/O Clear Water Bay
Road/On Sau Road

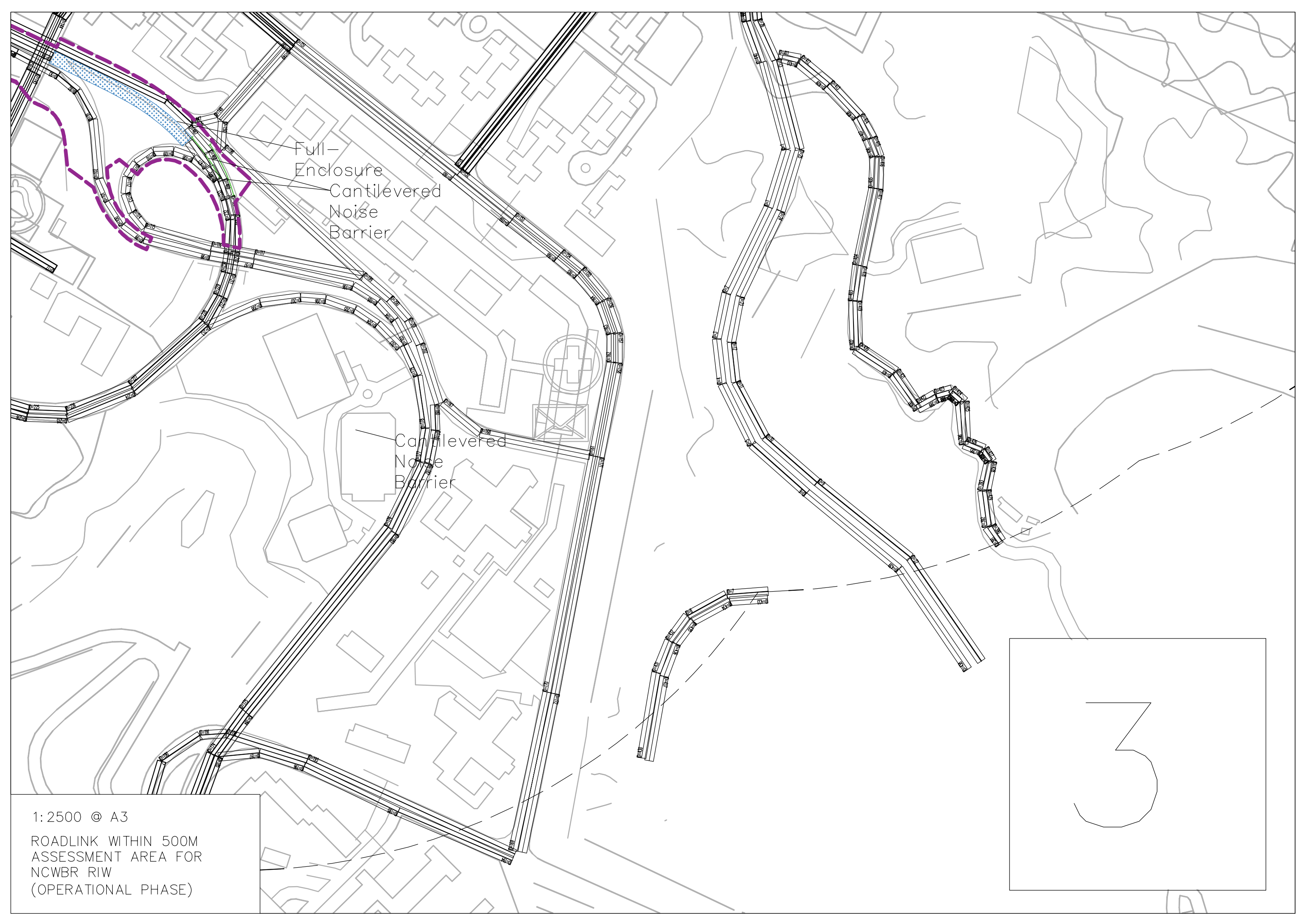
Semi-
Enclosure

Cantilevered
Noise
Barrier

1:2500 © A3

ROADLINK WITHIN 500M
ASSESSMENT AREA FOR
NCWBR RIW
(OPERATIONAL PHASE)



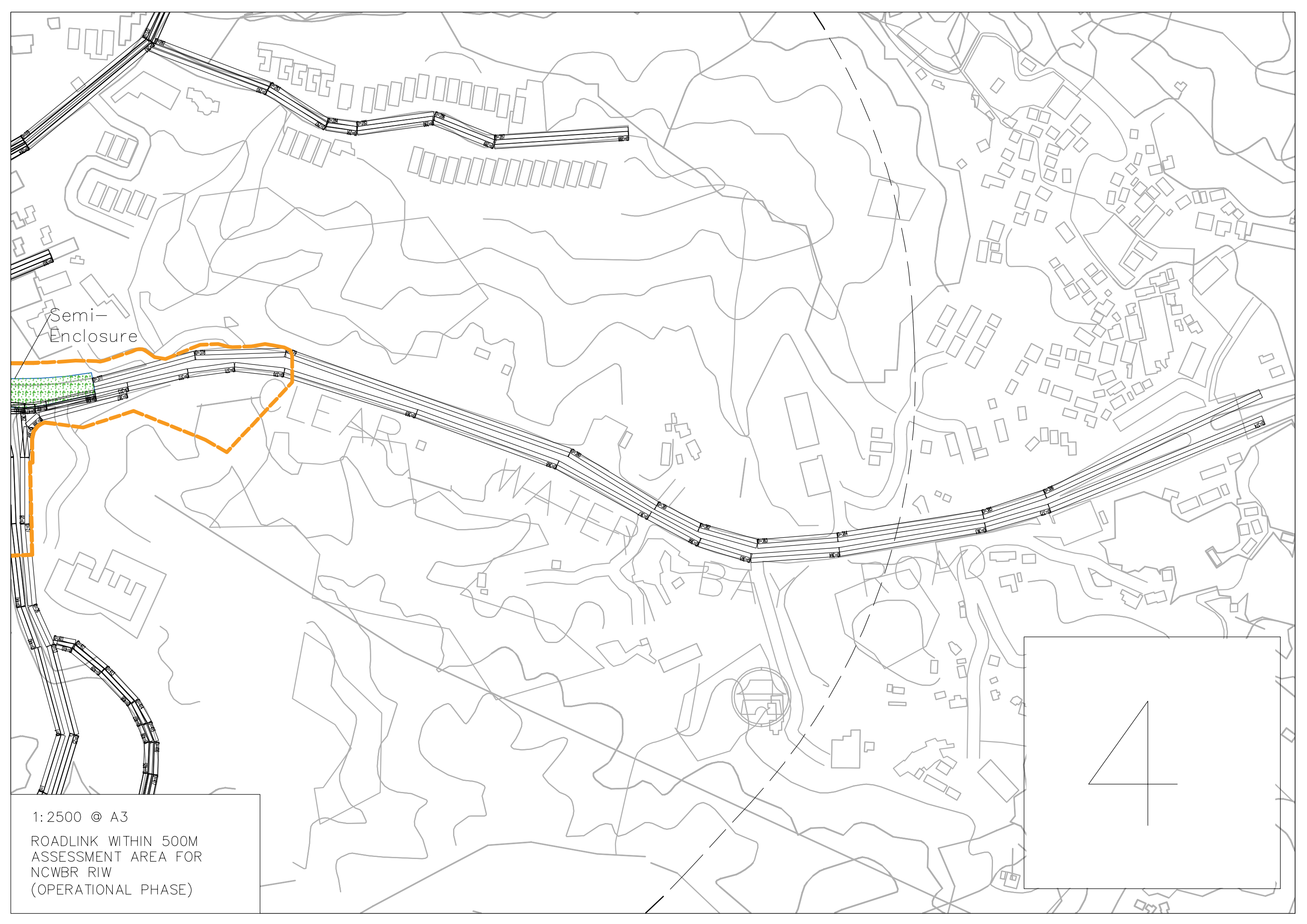


Full-
Enclosure
Cantilevered
Noise
Barrier

Cantilevered
Noise
Barrier

1:2500 © A3
ROADLINK WITHIN 500M
ASSESSMENT AREA FOR
NCWBR RIW
(OPERATIONAL PHASE)

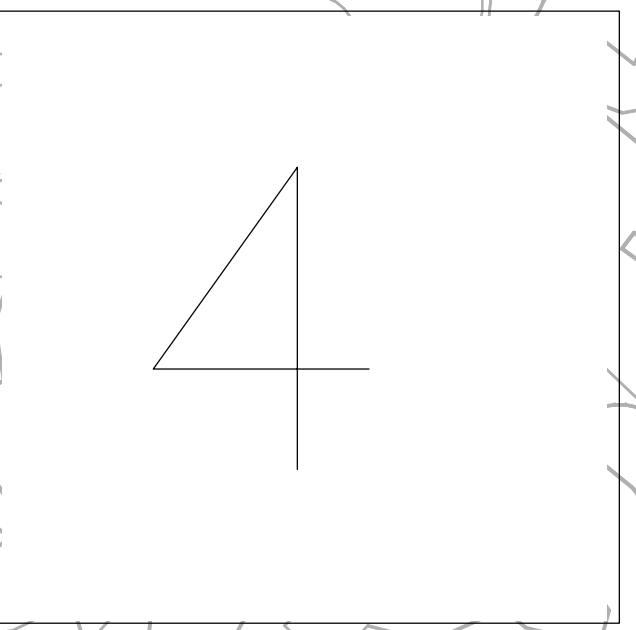
3



Semi-Enclosure

CLEAR WATER BAY ROAD

1:2500 © A3
ROADLINK WITHIN 500M
ASSESSMENT AREA FOR
NCWBR RIW
(OPERATIONAL PHASE)



Summary of Composite Vehicular Emission Factors for CALINE4 Model

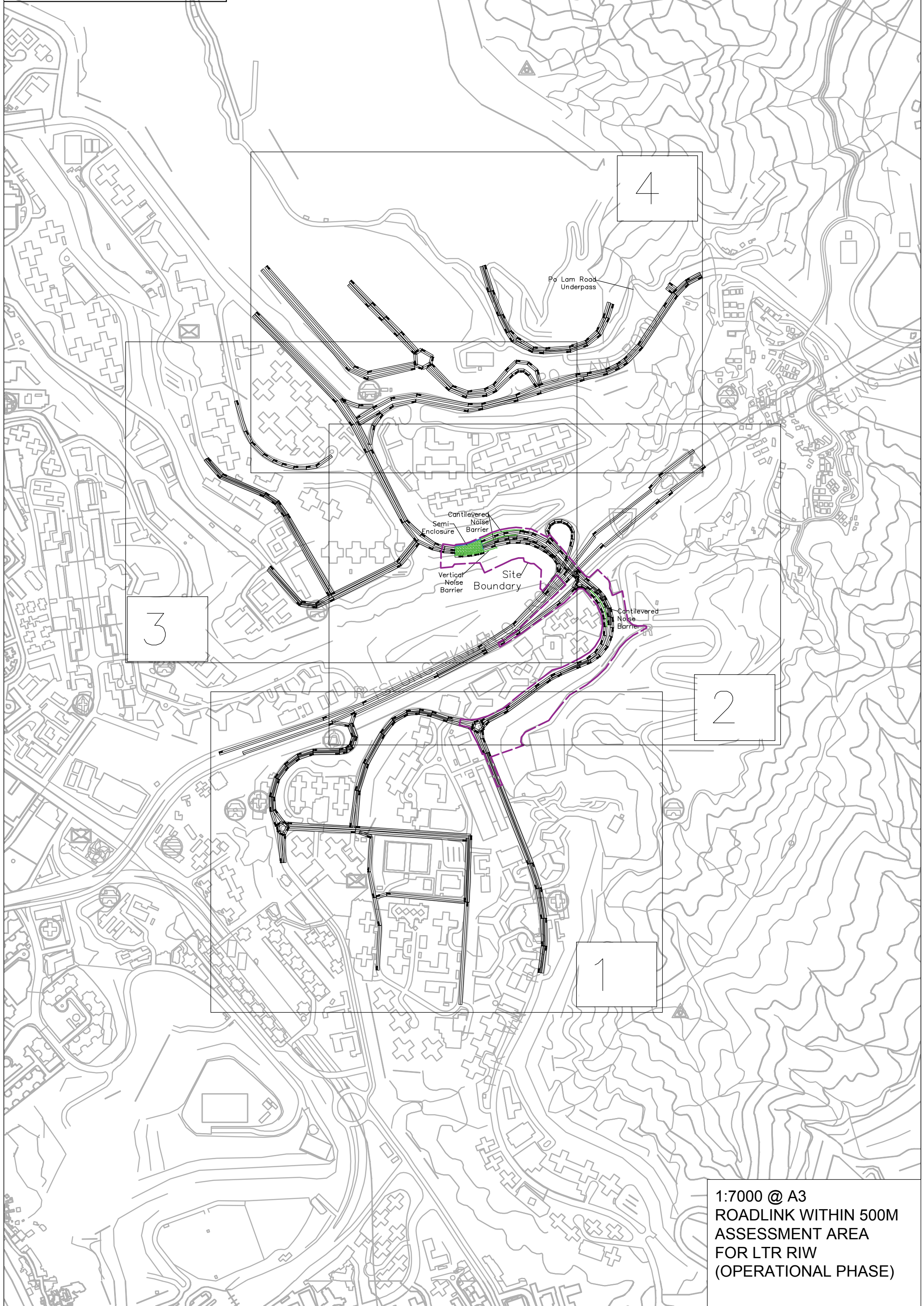
Open Road 24 hour FSP Emission Factor (g/mile-veh) and Traffic Profile (LTR RW)

Table with columns for Link No., Road Type, X-Start, Y-Start, X-End, Y-End, Height, Width, Length, Hour 01 to Hour 24, and Total Emission (g/mi). It contains a large grid of data points for various road links and their emission characteristics over a 24-hour period.

Summary of Composite Vehicular Emission Factors for CALINE4 Model

Open Road 24 hour FSP Emission Factor (g/mile-veh) and Traffic Profile (LTR/RW)

Table with columns: Link No, Road Type, X-Start, Y-Start, X-End, Y-End, Height, Width, Length, Hour 01 to Hour 24, and Total Emission (g/m). The table contains 1000 rows of data representing different links and time periods.



4

Po Lam Road Underpass

Cantilevered Noise Barrier
Semi-Enclosure
Vertical Noise Barrier

Site Boundary

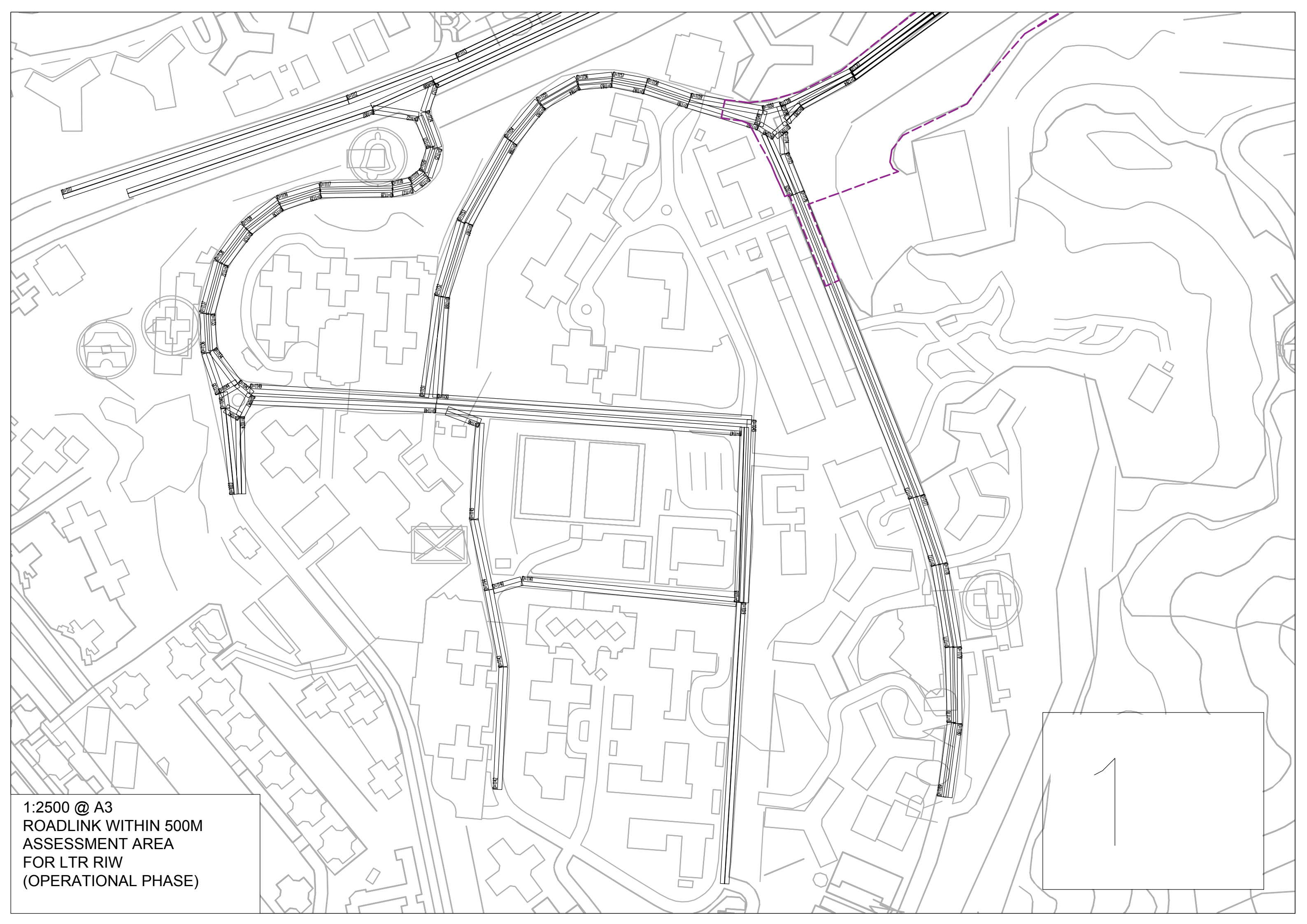
Cantilevered Noise Barrier

3

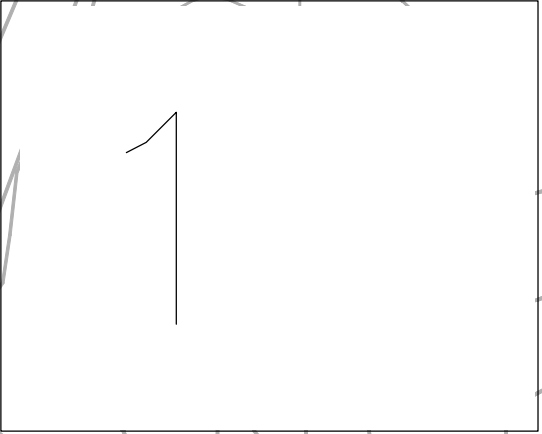
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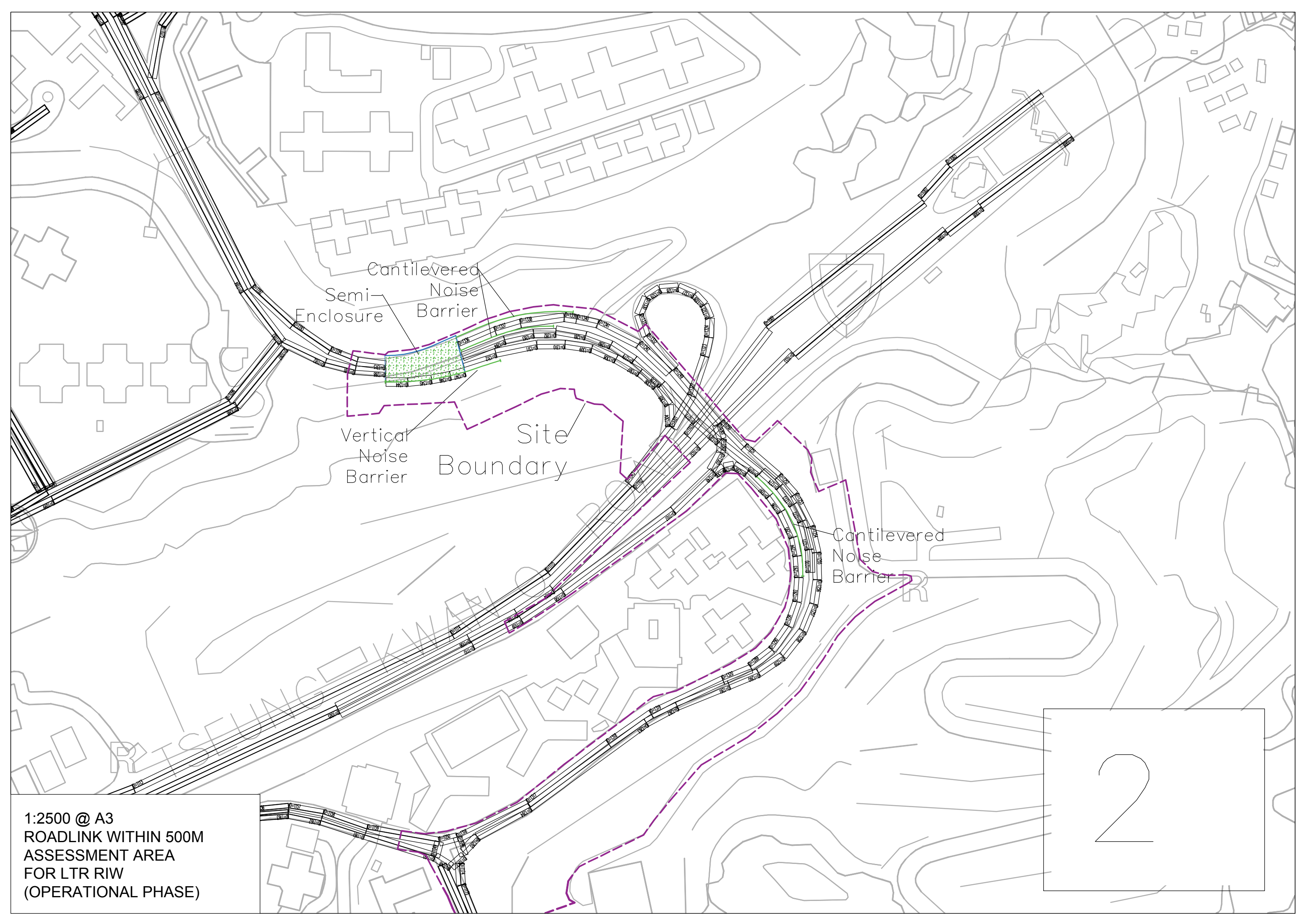
1

1:7000 @ A3
ROADLINK WITHIN 500M
ASSESSMENT AREA
FOR LTR RIW
(OPERATIONAL PHASE)



1:2500 @ A3
ROADLINK WITHIN 500M
ASSESSMENT AREA
FOR LTR RIW
(OPERATIONAL PHASE)





Cantilevered
Semi-
Enclosure
Noise
Barrier

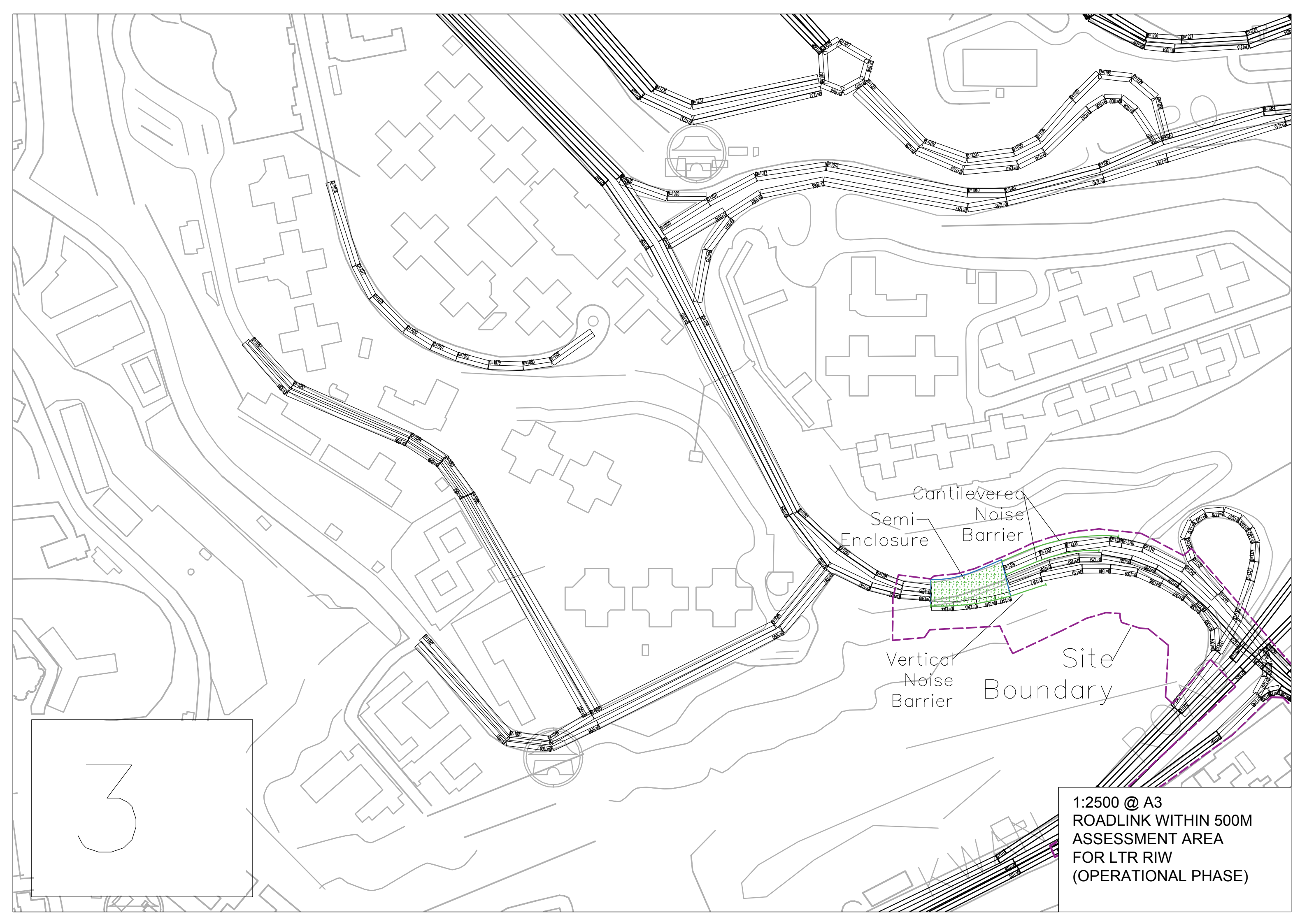
Vertical
Noise
Barrier

Site
Boundary

Cantilevered
Noise
Barrier

1:2500 @ A3
ROADLINK WITHIN 500M
ASSESSMENT AREA
FOR LTR RIW
(OPERATIONAL PHASE)

2



Cantilevered
Noise Barrier
Semi-Enclosure
Vertical
Noise Barrier
Site
Boundary

3

1:2500 @ A3
ROADLINK WITHIN 500M
ASSESSMENT AREA
FOR LTR RIW
(OPERATIONAL PHASE)

4

Po Lam Road Underpass

1:2500 @ A3
ROADLINK WITHIN 500M
ASSESSMENT AREA
FOR LTR RIW
(OPERATIONAL PHASE)

