Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous	Average Grade	Sight Distance	Sight Distance	Sight Distance	Sight Distance Along Sight Line	Sight Line Status	Obstruction	SSD Speed Achieved
				-		Grade		Required	Relaxed	Achieved	Achieved			EDD 2sec RT (km/h)
3460 3470	3625 3635	195.8593 195.8533	195.71974 195.73388	195.71974 195.73388	100	0.00%	0.00%	163	141	165	165	Achieved Achieved		100
3480 3490	3645	195 84724 195.8485	195.76103 195.77307	195.76103 195.77307	100	0.00%	0.00%	163	141	165	165	Achieved Achieved		100
3500 3510	3665 3675	195.8524 195 86671	195.753 195.72102	195.753 195.72102	100	0.00%	0.00%	163	141	165	165	Achieved Achieved		100
3520	3685	195 88782	195.70649	195.70649	100	0.00%	0.00%	163	141	165	165	Achieved		100
3530 3540	3695	195.91033 195.94656	195.71303 195.71072	195.71303 195.71072	100	0.00%	0.00%	163	141	165	165	Achieved Achieved		100
3550	3715	195.98636 196 03809	195.69394 195.66438	195.69394 195.66438	100	0.00%	0.00%	163	141	165		Achieved Achieved		100
3570 3580	3735 3745	196.12788 196 22909	195.64857 195.63645	195.64857	100	0.00%	0.00%	163		165				100
3590	3755	196.34048	195.60393	195.60595	100	0.00%	0.00%	165	141	165	164.99481	Achieved		100
3600	3765	196.44925 196.54256	195.60345 195.62526	195.60345 195.62526	100	0.00%	0.00%	163	141	165	164.99474	Achieved		100
3620	3785	196 60524 196.629	195.63964 195.66398	195.63964 195.66398	100	0.00%	0.00%	165	141	165	164.99472 164.9947			100
3640	3805 3815	196 64757 196 66996	195.68178 195.70773	195.68178 195.70773	100	0.00%	0.00%	163	141	165	164.99469 164.99469			100
3660 3670	3825	196 66743 196 63363	195.73782 195.77497	195.73782 195.77497	100	0.00%	0.00%	163	141	165		Achieved		100
3680	3845	196 60618	195.83738	195.83738	100	0.00%	0.00%	163	141	165	164.99472	Achieved		100
3690	3855	196 61029 196 61454	195.89549 195.96254	195.89549 195.96254	100	0.00%	0.00%	163	141	165	164.99474 164.99478			100
3710 3720	3875 3885	196 60317 196 58234	196.02868 196.06829	196.02868 196.06829	100	0.00%	0.00%	163	141	165	164.99481 164.99486	Achieved Achieved		100
3730 3740	3895	196.55257 196.54364	196.11628 196.16715	196.11628 196.16715	100	0.00%	0.00%	163	141	165	164.99636	Achieved		100
3750	3915	196.51911	196.23498	196.23498	100	0.00%	0.00%	165	141	165	164.98158	Achieved		100
3760	3925 3935	196.4961 196.51443	196.29407 196.36661	196.29407 196.36661	100	0.00%	0.00%	163	141	165	164.96134			100
3780 3790	3945 3955	196.53421 196.54984	196.52707 196.79263	196.52707 196.79263	100	0.00%	0.00%	163		165	164.91779	Achieved		100
3800	3965 3975	196.57036 196.59696	197.22497 197.83328	197.22497 197.83328	100	0.00%	0.00%	163	141	165	164.84383			100
3820	3985	196 61988	198.55828	198.55828	100	0.00%	0.00%	165	141	165	164.74308	Achieved		100
3830	4005	196 65392 196.70579	199.39959 200.34784	199.39959 200.34784	100	0.00%	0.00%	163	141	165	164.63007	Achieved		100
3850 3860	4015	196.76431 196 82837	201.34572 202.33344	201.34572 202.33344	100	0.00%	0.00%	163		165		Achieved Achieved		100
3870	4035	196.90098 196.94932	203.23419 204.07356	203.23419 204.07336	100	0.00%	0.00%	163		165		Achieved		100
3890	4055	196.99244	204.8094	204.8094	100	0.00%	0.00%	165	141	165	164.66042	Achieved		100
3900 3910	4065	197 03969 197 09972	205.43572 205.98167	205.43572 205.98167	100	0.00%	0.00%	163	141	165		Achieved		100
3920 3930	4085	197.16865 197 22347	206.48791 206.62636	206.48791 206.62636	100	0.00%	0.00%	165	141	165	164.81073		Vertical alignment	100
3940 3950	4082	197.33893 197.54106	205.34819 205.93094	206.34819 205.93094	100	0.00%	0.00%	163	141	142	141.8913		Vertical alignment Vertical alignment	100 90
3960	4070	197 88925	205.7188	205.7188	100	0.00%	0.00%	163	141	110	109.97726	Not Achieved Not Achieved	Vertical alignment	80 70
3970	4068	199.0855	205.60775	205.60775	100	0.00%	0.00%	165	141	88	88.02677	Not Achieved	Vertical alignment Vertical alignment	70
3990 4000	4068	199 86329 200.76962	205.60775 205.82919	205.60775 205.82919	100	0.00%	0.00%	165	141	78	72.07596	Not Achieved Not Achieved	Vertical alignment Vertical alignment	50 50
4010	4080	201.73867 202.75247	206.24273 206.88441	206.24273 206.88441	100	0.00%	0.00%	163		70	70.07223	Not Achieved Not Achieved	Vertical alignment Vertical alignment	60 50
4030	4102	203 68838 204 36366	207.12918 207.19092	207.12918 207.19092	100	0.00%	0.00%	163	141	72	72.07715	Not Achieved Not Achieved	Vertical alignment	60
4050	4110	205.35641	207.22176	207.22176	100	0.00%	0.00%	165	141	60	60.04176	Not Achieved	Vertical alignment Vertical alignment	50
4060	4114 4124	205.0342 205.6188	207.22538 207.13958	207.22538 207.13958	100	0.00%	0.00%	165		54		Not Achieved Not Achieved	Vertical alignment Vertical alignment	50
4080	4140	207.14273 207 61929	206.7868 205.86978	205.86978	100	0.00%	0.00%	163		60 74		Not Achieved Not Achieved	Vertical alignment Vertical alignment	50
4100 4110	4210	207.97675 208.12176	203.72855 202.71577	203.72855 202.71577	100	0.00%	0.00%	163		110 118	109.43222	Not Achieved Not Achieved	Vertical alignment	90 80
4120	4285	208 08956	200.00843	200.00843	100	0.00%	0.00%	163	141	165	164.6398	Achieved	Vertical alignment	100
4130	4295	207.935 207.6868	199.60089 199.23069	199.60089	100	0.00%	0.00%	165	141	165	164.7688 164.86539	Achieved		100
4150	4315	207.36104 206.94613	198.89749 198.6402	198.89749 198.6402	100	0.00%	0.00%	163		165	164.93846 164.96126			100
4170 4180	4335	205.50181 205.08689	198.44349 198.30575	198.44349 198.30575	100	0.00%	0.00%	163	141	165	164.96592	Achieved		100
4190	4355	205 63137	198.22597	198.22597	100	0.00%	0.00%	165	141	165	164.99677	Achieved		100
4200	4365	205.15859 204 62855	198.20293 198.19773	198.20293 198.19773	100	0.00%	0.00%	163	141	165	165.00249	Achieved		100
4220	4385	204 05638 203.50641	198.18536 198.17236	198.18536 198.17236	100	0.00%	0.00%	165	141	165	165.00249 165.00248	Achieved Achieved		100
4240	4405	202.99513 202.5031	198.18077 198.15984	198.18077 198.15984	100	0.00%	0.00%	163		165		Achieved Achieved		100
4260	4425	202 01445	198.12546	198.12546	100	0.00%	0.00%	163	141	163	165.00248	Achieved		100
4280	4445	201.11178	198.0154	198.0154	100	0.00%	0.00%	165	141	165	164.99395	Achieved		100
4290	4465	200.70212 200.30846	197.94536 197.85291	197.94556 197.85291	100	0.00%	0.00%	163	141	165	164.99376	Achieved		100
4310	4475	199.95763 199.65499	197.74298 197.62418	197.74298 197.62418	100	0.00%	0.00%	163		165	164.99361	Achieved		100
4330 4340	4495	199.43339 199.26874	197.54723 197.50344	197.54723 197.50344	100	0.00%	0.00%	163	141	165	164.99102			100
4340 4350 4360	4505 4515 4525	199.15457 199.11009	197.47552	197.47552	100	0.00%	0.00%	163	141	165		Achieved		100
4370	4535	199.10142	197.47297	197.47297	100	0.00%	0.00%	165	141	165	164.99104	Achieved		100
4380	4545	199 09204 199 07595	197.51881 197.62706	197.51881 197.62706	100	0.00%	0.00%	163	141	165		Achieved		100
4400	4565	199 07862 199 07602	197.81137 198.03099	197.81137 198.03099	100	0.00%	0.00%	163	141	165	164.99126			100
4410 4420 4430	4385	199 04265 199 00744	198.30748 198.66461	198.30748	100	0.00%	0.00%	163	141	165	164.99178	Achieved		100
4440	4605	198.95333	199.07188	199.07188	100	0.00%	0.00%	165	141	165	165.01016	Achieved		100
4450	4625	198 88049 198.8035	199.41435 199.66351	199.41435 199.66351	100	0.00%	0.00%	163	141	165	165.0325	Achieved		100
4470	4635	198.6981 198.58194	199.83342 199.89238	199.83342 199.89238	100	0.00%	0.00%	163		165	165.04664 165.06107	Achieved		100
4490 4500	4654	198.47809 198.4255	199.80408 199.84014	199.80408 199.84014	100	0.00%	0.00%	163	141	164	164.07289 152.07093	Relaxed	Vertical alignment Vertical alignment	100
4510	4652	198.3868	199.84014	199.84014	100	0.00%	0.00%	163	141	142	142.07139	Relaxed	Vertical alignment	100
4530	4650	198.36761	199.85964	199.85964	100	0.00%	0.00%	165	141	120	120.06978	Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
4540	4630	198.3895 198.46196	199.83964 199.83964	199.85964 199.85964	100	0.00%	0.00%	163	141	110		Not Achieved Not Achieved	Vertical alignment Vertical alignment	80 80
4560 4570	4630	198 61324 198 81808	199.83964 199.83964	199.85964 199.85964	100	0.00%	0.00%	163	141	90	90.07213	Not Achieved Not Achieved	Vertical alignment Vertical alignment	70
4380	4652	199 05639	199.84014	199.84014	100	0.00%	0.00%	163	141	72	72.07828	Not Achieved	Vertical alignment	60
4600	4660	199.7724	199.68579	199.80408 199.68579	100	0.00%	0.00%	165	141	60	60.09223	Not Achieved Not Achieved	Vertical alignment Vertical alignment	60 50
4610	4668 4678	200.15264 200.44946	199.44791 199.02942	199.44791 199.02942	100	0.00%	0.00%	163	141	58	58.1173	Not Achieved Not Achieved	Vertical alignment Vertical alignment	50
4630	4690 4710	200 65605 200.78994	198.37975 197.04303	198.37975 197.04303	100	0.00%	0.00%	163		60	60.13003	Not Achieved Not Achieved	Vertical alignment Vertical alignment	50
4650	4726	200.75964 200.58579	195.58318 194.47951	195.58318	100	0.00%	0.00%	163	141	76	76.18911	Not Achieved Not Achieved	Vertical alignment Vertical alignment	60
4670	4746	200 27673	193.26303	193.26303	100	0.00%	0.00%	165	141	76	76.0627	Not Achieved	Vertical alignment	60
4680	4764 4855	199.8364 199 27975	190.91877 183.02118	190.91877 183.02118	100	0.00%	0.00%	163		84	164.39387	Not Achieved Achieved	Vertical alignment	70
4700 4710		198 63375 197.94303	182.53521 182.0632	182.53521 182.0632	100	0.00%	0.00%	163		165	164.74461	Achieved		100

						Instantaneous		Sight Distance	Sight Distance	Sight Distance	Sight Distance			SSD Speed Achieved
Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Grade	Average Grade	Required	Relaxed	Achieved	Along Sight Line Achieved	Sight Line Status	Obstruction	EDD 2sec RT (km/h)
4720 4730	4885	197 09127 196 05092	181.6625 181.29879	181.6625	100	0.00%	0.00%	163	141	165	165.10944			100
4740 4750	4905	194.90319 193 64617	180.98703 180.70822	180.98703 180.70822	100	0.00%	0.00%	165	141	165	165.10169	Achieved		100
4760	4925	192.34248 191.0482	180.44231 180.23761	190.44231 190.23761	100	0.00%	0.00%	163		165		Achieved		100
4780	4945	189 80437	180.04604	180.04604	100	0.00%	0.00%	163	141	165	164.99364	Achieved		100
4790	4955	188 63823 187 60606	179.85083 179.62892	179.85083 179.62892	100	0.00%	0.00%	165		165		Achieved		100
4810 4820	4975	185.71828 183.98438	179.44661 179.25498	179.44661 179.25498	100	0.00%	0.00%	165	141 141	165		Achieved		100
4830 4840	4995 5005	185.33632 184.71953	179.08649 178.92301	179.08649 178.92301	100	0.00%	0.00%	165				Achieved		100
4850 4860	5015 5025	184.17687 183 66622	178.69752 178.50923	178.69752 178.50923	100	0.00%	0.00%	165	141	165	164.75008	Achieved		100
4870 4880	5035 5045	183.19107 182.75617	178.32226 178.06734	178.32226 178.06734	100	0.00%	0.00%	165	141	165	164.64875 164.52384			100
4890	5055 5065	182.37301 182.04012	177.81722	177.81722	100	0.00%	0.00%	165	141	165	164.37489	Achieved		100
4910 4920	5075 5085	181.74949 181.46551	177.25056 176.916	177.25056 176.916	100	0.00%	0.00%	165	141	165	164.01214	Achieved		100
4930	5095 5095	181 24093 181 03947	176.46236	176.46256	100		0.00%	165	141	165	163.62026	Achieved		100
4950	5106 5104	180 85211 180 64491	175.83757 175.95355	175.83757	100	0.00%	0.00%	165	141	156	154.5541	Relaxed	Vertical alignment Vertical alignment	100
4980	5104	180.42885	175.95355	175.95355	100	0.00%	0.00%	163	141 141 141	134	132.80152	Not Achieved	Vertical alignment	90
4990	5104	180 25443 180 06501	175.95355	175.95355	100	0.00%	0.00%	165	141	114	113.08881	Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
5000	5106 5110	179.9052 179.71132	175.83757 175.60255	175.83757 175.60255	100	0.00%	0.00%	165	141	106	99.29938	Not Achieved Not Achieved	Vertical alignment Vertical alignment	80 80 70
5020	5112	179.49407 179.32893	175.48079 175.08815	175.48079 175.08815	100	0.00%	0.00%	165	141	92	87.51208	Not Achieved Not Achieved	Vertical alignment Vertical alignment	70
5040	5124 5134	179 09614 178.8377	174.6723 173.94857	174.6723 173.94857	100	0.00%	0.00%	165	141 141	84	83.67475	Not Achieved Not Achieved	Vertical alignment Vertical alignment	70
5060 5070	5140 5148	178 60067 178 31601	173.45352 172.73431	173.45352 172.73431	100 100	0.00%	0.00%	165 165	141 141	80 78		Not Achieved Not Achieved	Vertical alignment Vertical alignment	60 60
5060 5090	5154 5160	177.98991 177 61897	172.14309 171.48475	172.14309 171.48475	100 100	0.00%	0.00%	163	141	74		Not Achieved Not Achieved	Vertical alignment Vertical alignment	60 60
5100	5164 5172	177 08302 176.50255	171.00457 170.01445	171.00437 170.01445	100	0.00%	0.00%	165	141	64	63.87276	Not Achieved Not Achieved	Vertical alignment Vertical alignment	60
5120	5198	175 84954	166.82311 161.731	166.82311 161.731	100	0.00%	0.00%	165	141	78	77.79235	Not Achieved Not Achieved	Vertical alignment BRIDGE	50
5130	5254 5254	174.35352	161.731 161.731	161.731 161.731	100	0.00%	0.00%	165	141 141 141	114	113.60054	Not Achieved Not Achieved	BRIDGE	
5150 5160 5170	5254 5254 5254	173.44842 172.38475 171.16124	161.731 161.731 161.731	161.731 161.731 161.731	100	0.00%	0.00%	165	141	94	93.71256	Not Achieved Not Achieved	BRIDGE BRIDGE	
5170 5180 5190	5254 5254 5254	171.16124 169.93136 168.72288	161.731 161.731 161.731	161.731 161.731 161.731	100 100 100	0.00%	0.00%	165 165 165	141	84 74 64	73.80148	Not Achieved Not Achieved Not Achieved	BRIDGE BRIDGE BRIDGE	
5200	5254	167.46782	161.731	161.731	100	0.00%	0.00%	163	141	54	53.87224	Not Achieved	BRIDGE	
5210	5254 5254	165 28968 165.16289	161.731 161.731	161.731 161.731	100	0.00%	0.00%	165	141	44	33.92975	Not Achieved Not Achieved	BRIDGE	
5230	5254 5254	164.0706	161.731 161.731	161.731 161.731	100	0.00%	0.00%	163	141	24	13.97357	Not Achieved Not Achieved	BRIDGE	
5250 5270	5254 5435	162.73253 162.37192	161.731 167.73256	161.731 167.73256	100		0.00%	165			165.07326		BRIDGE	100
5280 5290	5445 5455	162 22092 162.0333	168.34623 168.98661	168.34623 168.98661	100	0.00%	0.00%	165	141	165	165.11084	Achieved		100
5300 5310	5465 5475	161.9239 161.82555	169.59437 170.14561	169.39437 170.14361	100	0.00%	0.00%	165	141 141	165	165.02099	Achieved		100
5320 5330	5485 5495	161 83883 162.1666	170.63678	170.65678 171.09066	100	0.00%	0.00%	163	141 141	165	164 646 164.36401	Achieved Achieved		100
5340	5505 5504	162 63745 163.19075	171.45842 171.43108	171.45842 171.43108	100	0.00%	0.00%	165	141	165	164.11894	Achieved	Vertical alignment	100
5360 5370	5504 5504	163.75961 164.33055	171.43108 171.43108	171.43108 171.43108	100	0.00%	0.00%	165	141	144	143.27033		Vertical alignment Vertical alignment	100 90
5380	5506	164.97548	171.48371 171.48371	171.48371 171.48371	100	0.00%	0.00%	165	141	126	125.39448	Not Achieved Not Achieved	Vertical alignment	90
5400	5508	165.18673 166.85271	171.53417 171.53417	171.53417 171.53417	100	0.00%	0.00%	165	141 141 141	108	107.60246	Not Achieved Not Achieved	Vertical alignment Vertical alignment	80 80 70
5420	5512	167.39818	171.63605	171.63605	100	0.00%	0.00%	165	141	92	91.91022	Not Achieved	Vertical alignment Vertical alignment	70
5430 5440	5516 5524	168 28676 168.95781	171.73971 171.93936	171.73971 171.93936	100	0.00%	0.00%	165	141	86	84.09547	Not Achieved Not Achieved	Vertical alignment Vertical alignment	70
5430 5460	5534 5544	169.57409 170.18853	172.16131 172.25637	172.16151 172.25657	100	0.00%	0.00%	165	141	84	84.10109	Not Achieved Not Achieved	Vertical alignment Vertical alignment	70
5470 5480	5550 5558	170.77682 171.32337	172.2658 172.27374	172.2658 172.27374	100	0.00%	0.00%	165	141	80	77.96602	Not Achieved Not Achieved	Vertical alignment Vertical alignment	60 60
5490	5592 5626	171.76488	172.28528 171.93558	172.28528 171.93558	100	0.00%	0.00%	165	141	101.99998	125.74112	Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
5510 5520	5675 5685	172.48632 172.74477	171.59722 171.57072	171.59722 171.57072	100		0.00%	165						100
5530 5540	5695 5705	172.98035 173.14098	171.57903 171.60995	171.57903 171.60995	100	0.00%	0.00%	165	141 141	165	164.83452	Achieved		100
5550 5560	5715 5725	173.1658 173.17191	171.68673 171.73836	171.68673 171.73836	100	0.00%	0.00%	165	141	165 165	164.8722	Achieved		100
5570 5580	5735 5745	173.17279 173 20066	171.85238 171.98121	171.85238 171.98121	100	0.00%	0.00%	165 163	141	165	164.93353	Achieved		100
5590	5755 5765	173.1963 173.13058	172.1228 172.28294	172.1228 172.28294	100	0.00%	0.00%	165	141	165	164.97823	Achieved		100
5610	5775 5785	173 01609 172 89721	172.46292 172.64017	172.46292	100	0.00%	0.00%	165	141	165	165.00724	Achieved		100
5630	5795	172.79812	172.83411 173.00528	172.83411 173.00528	100	0.00%	0.00%	165	141	165	165.00724	Achieved		100
5650	5815	172.59327 172.59768 172.54738	173.12128	173.12128	100	0.00%	0.00%	165	141	165	165.00724	Achieved		100
5670	5835	172.51201 172.48027	173.36074	173.36074	100	0.00%	0.00%	165		165	165.00724	Achieved		100
5690	5855	172.46944	173.54154	173.54154	100	0.00%	0.00%	165	141	165	165.01886	Achieved		100
5700	5865 5875	172.49035	173.55901 173.5278	173.55901 173.5278	100	0.00%	0.00%	165	141		165.01835	Achieved	Manhant atlan	100
5720	5878 5878	172 60411 172 69426	173.48961 173.48961	173.48961 173.48961	100	0.00%	0.00%	165	141	158	148.0183	Relaxed	Vertical alignment Vertical alignment	100
5740	5878 5884	172 81313 172.9611	173.48961 173.45774	173.48961 173.45774	100	0.00%	0.00%	163	141	138	134.01991	Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
5760 5770	5888 5894	173 09292 173.275	173.44586 173.40592	173.44586 173.40592	100	0.00%	0.00%	165	141	128	124.01093	Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
5780 5790	5908 5955	173.44996 173 63628	173.33356 173.24034	173.33356 173.24034	100	0.00%	0.00%	165	141	128	165.01066	Not Achieved Achieved	Vertical alignment	90
5800 5810	5965 5975	173 82156 173.9684	173.19778 173.20578	173.19778 173.20578	100	0.00%	0.00%	165		165	165.01077	Achieved		100
5820 5830	5985 5995	174 08627 174 20561	173.24967 173.17329	173.24967 173.17329	100	0.00%	0.00%	163	141	165	165.01111 165.01133	Achieved		100
5840 5850	6005 6015	174.31747 174.41279	173.18743 173.10022	173.18743 173.10022	100	0.00%	0.00%	165 163	141	165	165.01101	Achieved		100
5860	6025	174.45972 174.45395	173.05156 173.05117	173.05156 173.05117	100	0.00%	0.00%	165	141	165	164.99571	Achieved		100
5880	6033 6045 6055	174.36393	173.06055	173.06055	100	0.00%	0.00%	165	141	165	164.99366	Achieved		100
5900 5910	6055 6065 6075	174 28007 174 22397	1/3.0535 173.06842 173.11841	173.0535 173.06842 173.11841	100	0.00%	0.00%	165	141	165	164.99362	Achieved		100
5920	6085	174 22397 174 20453 174.16771	173.1908	173.1908	100	0.00%	0.00%	165	141	165	164.99361			100
5930	6095	174.17398	173.27619 173.37062	173.27619 173.37062	100	0.00%	0.00%	165			164.95491	Achieved		100
5950 5960	6115 6125	174.18936 174.11558	173.51974 173.7298	173.51974 173.7298	100	0.00%	0.00%	165	141	165	164.7872	Achieved		100
5970 5980	6135 6145	174.11189 174 09149	173.97377 174.15835	173.97377 174.15835	100			165				Achieved Achieved		100

Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous	Average Grade	Sight Distance	Sight Distance	Sight Distance	Sight Distance Along Sight Line	Sight Line Status	Obstruction	SSD Speed Achieve
	-					Grade		Required	Relaxed	Achieved	Achieved	-		EDD 2sec RT (km/h
5990	6155	174.10156 174.10422	174.28251 174.31298	174.28251 174.31298	100	0.00%	0.00%	165	141	165	163.38706	Achieved		10
6010 6020	6175 6185	174 04873 173.97299	174.28182 174.24271	174.28182 174.24271	100	0.00%	0.00%	165 165		165	162.11249	Achieved		10
6030 6040	6195 6205	173.97271 173.96893	174.19782 174.19964	174.19782 174.19964	100	0.00%	0.00%	165	141	165	161.11488	Achieved		10
6030 6060	6215	173.9503 173.96013	174.23359 174.31039	174.23359 174.31039	100	0.00%	0.00%	163	141	165		Achieved Achieved		10
6070 6080	6235 6245	173.98747 174 04843	174.41846 174.63521	174.41846	100	0.00%	0.00%	165	141	165	160.40782	Achieved		10
6090 6100	6255	174.13198 174.21405	174 89 175.09528	174.89 175.09528	100	0.00%	0.00%	165	141	163	160.54892	Achieved		10
6110	6275	174.33465	175.26948	175.26948	100	0.00%	0.00%	165	141	165	161.0426	Achieved		10
6120 6130	6285	174.514 174.75572	175.39163 175.49169	175.39163 175.49169	100	0.00%	0.00%	165	141	165	161.6345	Achieved		10
6140 6150	6305 6315	174.97452 175.13927	175.60351 175.63786	175.60351 175.63786	100	0.00%	0.00%	165		165		Achieved		10
6160 6170	6325	175 20932 175 20073	175.56261 175.46829	175.56261	100	0.00%	0.00%	165	141	165				10
6180 6190	6345 6355	175.15672 175.1199	175.35872	175.35872 175.22291	100	0.00%	0.00%	165	141	165				10
6200 6210		175 09318 175.11244	175.20732 175.26392	175.20732 175.26592	100	0.00%	0.00%	163	141	156	154.1026	Relaxed	Vertical alignment Vertical alignment	10
6220 6230	6338 6340	175.16675 175.25526	175.43731 175.41634	175.43731 175.41634	100	0.00%	0.00%	165	141	118	116.73341	Not Achieved Not Achieved	Vertical alignment	8
6240	6342 6352	175.4166	175.39375	175.39375	100	0.00%	0.00%	165	141 141 141	102	101.12475	Not Achieved	Vertical alignment Vertical alignment	8
6250 6260	6372	175 65863 175 89683	175.26592 174.9462	175.26592 174.9462	100	0.00%	0.00%	165	141	112	111 5061	Not Achieved Not Achieved	Vertical alignment Vertical alignment	4
6270 6280	6435 6445	176.1099 176 22025	174.0161 173.92147	174.0161 173.92147	100	0.00%	0.00%	165	141	165	164.63101			10
6290 6300	6435 6465	176.34746 176.43133	173.87163 173.85956	173.87163 173.85956	100	0.00%	0.00%	165 165	141 141	165	164.70034	Achieved		10
6310 6320	6475 6485	176.53943 176.51223	173.8707 173.88923	173.8707 173.88923	100	0.00%	0.00%	165 165	141 141	165	164.66228	Achieved		1
6330 6340	6495	176.41694 176.31634	173.92839 173.99294	173.92839 173.99294	100	0.00%	0.00%	165	141	165	164.57493	Achieved		10
6350 6350	6515	176.19579 176.03987	174.03374 174.08394	174.03574 174.08594	100	0.00%	0.00%	165	141	165	164.44701	Achieved		1
6370	6535	175 87854	174.14266	174.14266	100	0.00%	0.00%	165	141	165	164.23565	Achieved		1
6380 6390	6343 6353	175.71191 175.53425	174.15071 174.15215	174.15071 174.15215	100	0.00%	0.00%	165	141	165	163.96502	Achieved		10
6400 6410	6365	175.3857	174.16138 174.13527	174.16138	100	0.00%	0.00%	165	141	165				1
6420 6430	6585	175.11752 174.97672	174.09819 174.06061	174.09819 174.06061	100	0.00%	0.00%	165		165	163.63783	Achieved		10
6440 6430	6605	174 86188 174.79314	174.02912	174.02912	100	0.00%	0.00%	165		163	163.5794	Achieved		10
6460	6625	174.75883	173.98535	173.98535	100	0.00%	0.00%	165	141	165	163.66986	Achieved		10
6470 6480		174.76862 174.77601	173.94331 173.9202	173.94331 173.9202	100	0.00%	0.00%	165	141	165	163.84613	Achieved		10
6490 6300	6655 6665	174.803 174 86058	173.89903 173.88634	173.89903 173.88634	100	0.00%	0.00%	165	141	165	164.09836	Achieved		10
6310 6320	6675 6685	174.9156 174.95993	173.87362 173.83751	173.87362 173.83751	100	0.00%	0.00%	165	141	165				10
6530 6540	6695 6705	175 01537 175.054	173.79847 173.74816	173.79847 173.74816	100	0.00%	0.00%	165	141	165				10
6330	6715 6725	175 04407 175 06077	173.70855 173.69617	173.70855 173.69617	100	0.00%	0.00%	163	141	165		Achieved Achieved		10
6570	6735	175 04996	173.70296	173.70296	100	0.00%	0.00%	165	141	165	164.81004	Achieved		10
6580	6745	175 01645 174.97542	173.72362 173.73958	173.72362 173.73958	100	0.00%	0.00%	165	141	165	164.80842	Achieved		10
6600 6610		174.94589 174.92341	173.74972 173.75517	173.74972 173.75517	100	0.00%	0.00%	165 165		165	164.78714	Achieved		10
6620 6630	6785	174 89843 174 87431	173.76822 173.77113	173.76822 173.77113	100	0.00%	0.00%	165		165				10
6640 6650	6805	174 83176 174.8046	173.74638 173.71666	173.74638 173.71666	100	0.00%	0.00%	165	141	165				10
6660 6670	6825	174.79285	173.71993 173.76244	173.71993 173.76244	100	0.00%	0.00%	163	141	165	164.81625	Achieved		1
6680	6845	174.75956	173.80031	173.80031	100	0.00%	0.00%	165	141	165	164.83136	Achieved		10
6700	6865	174 67603	173.81683	173.81683	100	0.00%	0.00%	165	141	165	164.8872	Achieved		10
6710 6720	6875 6885	174 62192 174.59932	173.83175 173.85695	173.83175 173.85695	100	0.00%	0.00%	163	141	165	164.92353			10
6730 6740	6895 6905	174.59351 174.6163	173.87215 173.89975	173.87215 173.89975	100	0.00%	0.00%	165		165				10
6750	6915 6925	174 63092 174 65209	173.89177 173.87593	173.89177 173.87593	100	0.00%	0.00%	165	141	165				10
6770 6780		174 65204 174 66224	173.85572 173.83393	173.85572 173.83393	100	0.00%	0.00%	165 165				Achieved Achieved		10
6790		174 67581 174 65772	173.79481	173.79481 173.71833	100	0.00%	0.00%	165		165	164.99147	Achieved		10
6810	6975	174 63315	173.64158	173.64158	100	0.00%	0.00%	165	141	165	164.99193	Achieved		1
6820	6995	174 60967 174 63748	173.57139 173.54388	173.57139 173.54388	100	0.00%	0.00%	165	141	165	164.99378	Achieved		1
6840 6850	7005	174 68487 174.70977	173.50802 173.47342	173.50802 173.47342	100	0.00%	0.00%	165	141	165	164.99382			10
6860 6870	7025	174.71096 174.72561	173.42461 173.37624	173.42461 173.37624	100	0.00%	0.00%	165	141	165	165.00343	Achieved		1
6880 6890	7045	174.74347 174.76164	173.30516 173.21043	173.30516 173.21043	100	0.00%	0.00%	165 165	141 141	165	165.04696	Achieved		1
6900 6910	7065	174.78545	173.11921 173.04116	173.11921 173.04116	100	0.00%	0.00%	163	141	165	165.12561	Achieved		1
6920	7085	174.78116	172.9856	172.9856	100	0.00%	0.00%	165	141	165	165.0077	Achieved		1
6930 6940	7105	174.76516 174.74511	172.92673 172.84238	172.92673 172.84238	100	0.00%	0.00%	165	141	165	164.62445	Achieved		1
6950 6960		174.72498 174 65761	172.80105 172.79128	172.80105 172.79128	100	0.00%	0.00%	165		165				1
6970 6980	7135	174.58177 174.50193	172.78824 172.80719	172.78824 172.80719	100	0.00%	0.00%	163 165		165		Achieved Achieved		1
6990 7000		174.45307 174.42873	172.87214 172.94257	172.87214 172.94257	100	0.00%	0.00%	165 165		165	163.41369	Achieved		1
7010	7175	174.3901 174.35276	172.8604 172.63983	172.8604 172.63983	100	0.00%	0.00%	163		163	163.48652	Achieved	Vertical alignment	1
7020 7030 7040	7182 7182 7182	174.33276 174 29953 174 24639	172.63983 172.63983	172.63983	100	0.00%	0.00%	165	141	152	151.05604	Relaxed	Vertical alignment Vertical alignment	1
7050	7182	174.15957	172.63983	172.63983	100	0.00%	0.00%	165	141	132	131.70253	Not Achieved	Vertical alignment	
7060	7182	174 06561 173.97516	172.63983 172.63983	172.63983 172.63983	100	0.00%	0.00%	165 165		122	112.04666	Not Achieved Not Achieved	Vertical alignment Vertical alignment	
7080	7182	173.91124 173 86141	172.63983 172.54799	172.63983 172.54799	100	0.00%	0.00%	165 165	141 141	102		Not Achieved Not Achieved	Vertical alignment Vertical alignment	
7100	7184	173.77993 173.71861	172.54799 172.54799	172.54799 172.54799	100	0.00%	0.00%	165	141	84	84.11715	Not Achieved Not Achieved	Vertical alignment Vertical alignment	
7120		173.6894	172.54799	172.54799	100	0.00%	0.00%	165	141	64	64.02851	Not Achieved Not Achieved	Vertical alignment	
7140	7188	173 69595	172.31644	172.31644	100	0.00%	0.00%	165	141	48	48	Not Achieved	Vertical alignment Vertical alignment	
7150	7325	173.73471 173 81375	172.05203 167.31084	172.05203 167.31084	100	0.00%	0.00%	163 163	141 141	42	164.99618		Vertical alignment	1
7170	7345	173 83211 173 62144	166.98841 166.68127	166.98841 166.68127	100	0.00%	0.00%	165 165	141	165	164.99616	Achieved		1
7190		173 08616 172.41556	166.40171 166.14631	166.40171 166.14631	100	0.00%	0.00%	165		165		Achieved Achieved		1
7200		171 84396	165.88272	165.88272	100	0.00%	0.00%	165	141	165	164.99113	Achieved		10
7210	7375	171.39119	165.62462	165.62462	100	0.00%	0.00%	165	141	165	164 99108	Achieved		1

Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous	Average Grade	Sight Distance	Sight Distance	Sight Distance	Sight Distance Along Sight Line	Sight Line Status	Obstruction	SSD Speed Achieved
			464 777777			Grade		Required	Relaxed	Achieved	Achieved	-		EDD 2sec RT (km/h)
7250	7415	170.4033 170 20186	164.77333 164.47893	164.77333 164.47893	100	0.00%	0.00%	165	141 141	165	165.00247	Achieved		100
7270	7435	169.96111 169.687	164.19069 163.90838	164.19069 163.90838	100	0.00%	0.00%	165	141	165	165.00241 165.00606			100
7290	7455	169.40485 169 07577	163.62785 163.36419	163.62785 163.36419	100	0.00%	0.00%	165	141	165				100
7310	7475	168.72119 168.3765	163.14633 162.96342	163.14633 162.96542	100	0.00%	0.00%	163	141	165	165.00854	Achieved		100
7330	7495	168 04653	162.82893	162.82893	100	0.00%	0.00%	165	141	165	165.01128	Achieved		100
7340	7505	167.73309 167.43697	162.69163 162.5525	162.69163 162.5525	100	0.00%	0.00%	165 165	141 141	165	165.01308	Achieved		100
7360	7525	167.16921 166.91307	162.4194 162.33621	162.4194 162.33621	100	0.00%	0.00%	165	141	165				10
7380	7545	166 64989 166 39502	162.26299 162.19322	162.26299	100	0.00%	0.00%	165 165	141	165				10
7400	7565	165.11666	162.13258	162.13258	100	0.00%	0.00%	165	141	165	165.01236	Achieved		10
7420	7575	165.52503	162.09127 162.08796	162.09127 162.08796	100	0.00%	0.00%	163	141	165	165.00742	Achieved		100
7430 7440	7595	165 23565 164.94779	162.1353 162.16612	162.1353 162.16612	100	0.00%	0.00%	165 165	141 141	165	165.00852	Achieved		10
7450	7615	164 66538 164.39675	162.20224 162.26247	162.20224 162.26247	100	0.00%	0.00%	165	141	165				10
7470	7635	164.1461 163.95415	162.32053 162.32887	162.32053 162.32887	100	0.00%	0.00%	165	141	163		Achieved Achieved		10
7490	7655	163.79267 163.66307	162.29227 162.22666	162.29227	100	0.00%	0.00%	165		165	165.00692	Achieved		10
7510	7675	163.51815	162.15819	162.15819	100	0.00%	0.00%	165	141	165	165.00404	Achieved		10
7520	7685	163.37802 163 27449	162.1232 162.14205	162.1232 162.14205	100	0.00%	0.00%	165 165				Achieved		10
7540	7705	163 20173 163 13326	162.21707 162.35129	162.21707 162.35129	100	0.00%	0.00%	165	141	165	165.01221			10
7560	7725	163 06097 163 01039	162.57571 162.87078	162.57571 162.87078	100	0.00%	0.00%	163	141	165	165.01207			10
7580	7745	162.98698 163.00683	163.17164	163.17164	100	0.00%	0.00%	163	141	165	165.01192	Achieved		10
7600	7765	163 05491	163.65807	163.65807	100	0.00%	0.00%	165	141	165	165.01168	Achieved		10
7610	7775	163 08257 163 12861	163.76923 163.8019	163.76923 163.8019	100	0.00%	0.00%	165	141	165	165.00875	Achieved		10
7630	7795	163.19763 163 23196	163.80386 163.78472	163.80586 163.78472	100	0.00%	0.00%	165	141	165	165.00789	Achieved		10
7650	7815	163 21455 163 16502	163.75295 163.74815	163.75295 163.74815	100	0.00%	0.00%	165	141 141	163		Achieved		10
7670	7814	163 08959 163 03057	163.75364 163.77376	163.75564 163.77376	100	0.00%	0.00%	165	141	144	144.00811			10
7690	7806	163 02542	163.78079	163.78079	100	0.00%	0.00%	165	141	116	116.00699	Not Achieved		81
7700	7806	163 07242 163.17267	163.78079 163.77376	163.78079 163.77376	100	0.00%	0.00%	165	141	106	98.00105	Not Achieved Not Achieved		80
7720	7818	163.35205 163.61859	163.74699 165.22155	163.74699 165.22155	100	0.00%	0.00%	165	141	98	165.00281			70
7740	7905	163.92419 164 21249	165.70817 166.27437	165.70817 166.27437	100	0.00%	0.00%	165 165	141	165	165.00281 164.99995	Achieved		10
7760 7770	7925	164.46383 164 62723	166.88048 167.53083	166.88048 167.53083	100	0.00%	0.00%	165	141	165	164.99694 164.99387	Achieved		10
7780	7945	164 68958 164.70854	168.22429	168.22429	100	0.00%	0.00%	165			164.99263	Achieved		100
7790	7965	164.70061	169.7802	169.7802	100	0.00%	0.00%	165	141	165	164.99241	Achieved		10
7810	7975 7985	164 66673 164 64328	170.55553 171.43999	170.55553 171.43999	100	0.00%	0.00%	163	141 141	165	164.99225	Achieved		10
7830	7995	164 66442 164.71841	172.29218 172.98837	172.29218 172.98837	100	0.00%	0.00%	165	141	165				10
7850	8015 8025	164 81347 164.94434	173.56589 173.98117	173.56589 173.98117	100	0.00%	0.00%	165	141	165				100
7870	8026 8024	165.1809 165.5032	174.01582 173.94231	174.01582 173.94231	100	0.00%	0.00%	163	141	156	155.98938	Relaxed	Vertical alignment Vertical alignment	10
7890	8024 8022	165 89567 166.35754	173.94231 173.8646	173.94231 173.8646	100	0.00%	0.00%	165	141	134	133.9896	Not Achieved Not Achieved	Vertical alignment	90
7910	8022	166 88034	173.8646	173.8646	100	0.00%	0.00%	165	141	112	111.99125	Not Achieved	Vertical alignment Vertical alignment	91
7920	8022 8022	167.4711 168 09709	173.8646 173.8646	173.8646 173.8646	100	0.00%	0.00%	165	141 141	102	91.99738	Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
7940	8022 8024	168.76831 169.49251	173.8646 173.94231	173.8646 173.94231	100	0.00%	0.00%	163	141 141	82	74	Not Achieved Not Achieved	Vertical alignment Vertical alignment	70
7960	8026 8030	170 28811 171 05586	174.01582 174.15217	174.01582	100	0.00%	0.00%	165	141	66		Not Achieved Not Achieved	Vertical alignment Vertical alignment	51
7980 7990	8040 8050	171.90405	174.43218 174.56819	174.43218 174.56819	100	0.00%	0.00%	165	141	60		Not Achieved Not Achieved	Vertical alignment Vertical alignment	21
8000 8010	8062 8108	173.56248 174.18664	174.62182 174.6388	174.62182 174.6388	100	0.00%	0.00%	163 163	141 141	62	62	Not Achieved Not Achieved	Vertical alignment Vertical alignment	3
8020	8185	174 68703	174.28488	174.28488	100	0.00%	0.00%	165	141	165	164.99157	Achieved		100
8030	8195 8205	175 05217 175.33218	174.25818 174.23143		100		0.00%	165	141	165	164.98869	Achieved		10
8050	8215 8225	175.46819 175.51748	174.19485 174.16166	174.19485 174.16166	100	0.00%	0.00%	165	141	165				10
8070 8080	8235 8245	175.53279 175.52057	174.09649 174.03006	174.09649 174.03006	100	0.00%	0.00%	165 165	141 141	165				10
8090 8100	8255 8265	175.54132	173.96673 173.92249	173.96673 173.92249	100	0.00%	0.00%	165		165				10
8110 8120	8275	175.53942 175.50722	173.88741 173.87499	173.88741	100	0.00%	0.00%	165	141	165	164.99698	Achieved		10
8130	8295	175.45544	173.8557	173.8557	100	0.00%	0.00%	165	141	165	164.99698	Achieved		10
8140 8150	8305	175.39707 175.35116	173.82126 173.75434	173.82126 173.75434	100	0.00%	0.00%	165		165	164.99699	Achieved		10
8160 8170	8325 8335	175 29633 175 26116	173.68471 173.58598	173.68471 173.58598	100	0.00%	0.00%	165 165	141	165	164.99701	Achieved Achieved		10
8180 8190	8345 8355	175 21433 175 1664	173.5246 173.42675	173.5246 173.42675	100	0.00%	0.00%	165 165	141 141	165				10
8200 8210	8365	175.14855	173.29126 173.10773	173.29126 173.10773	100	0.00%	0.00%	165		165	165.00248	Achieved		10
8220	8385	175 08582	172.89792	172.89792	100	0.00%	0.00%	165	141	165	165.01261	Achieved		10
8230 8240	8395	175 03525 174.95042	172.68745 172.582	172.68745	100	0.00%	0.00%	165	141	165	160.01222	Relaxed	Vertical alignment	10
8250 8260	8404 8410	174.90285 174 84321	172.492 172.35405	172.492 172.35405	100	0.00%	0.00%	165	141 141	154	150.01205	Relaxed	Vertical alignment Vertical alignment	10
8270 8280	8420 8430	174 80724 174.77371	172.12216 171.84652	172.12216 171.84652	100 100	0.00%	0.00%	165 165		150 150	150.0119 150.01438		Vertical alignment Vertical alignment	10
8290 8300	8436 8440	174.77174 174.74088	171.63695 171.48013	171.63695 171.48013	100	0.00%	0.00%	163	141	146	146.01611	Relaxed Not Achieved	Vertical alignment Vertical alignment	10
8310 8320	8442 8442	174 69222 174 61967	171.38124 171.38124	171.38124 171.38124	100	0.00%	0.00%	163		132	132.01795	Not Achieved Not Achieved	Vertical alignment Vertical alignment	9
8320 8330 8340	8442 8444 8446	174.52768	171.38124 171.2836 171.18048	171.38124 171.2836 171.18048	100	0.00%	0.00%	165	141 141 141	114	114.01882	Not Achieved Not Achieved	Vertical alignment Vertical alignment	8
8350	8448	174.39299	171.07154	171.07154	100	0.00%	0.00%	165	141	98	98.02041	Not Achieved	Vertical alignment	7
8360 8370	8450 8452	174 26383 174.10608	170.96068 170.834	170.96068 170.834	100	0.00%	0.00%	165 165	141 141	90	82.01471	Not Achieved Not Achieved	Vertical alignment Vertical alignment	7
8380 8390	8454 8458	173.90312 173 69355	170.71429 170.44351	170.71429 170.44351	100	0.00%	0.00%	165 165	141 141	74		Not Achieved Not Achieved	Vertical alignment Vertical alignment	6
8400 8410	8464 8476	173.482 173 25405	170.02352 169.17438	170.02352 169.17438	100	0.00%	0.00%	163	141	64	64.01256	Not Achieved Not Achieved	Vertical alignment Vertical alignment	6
8420	8585	173 02216	165.62741	165.62741	100	0.00%	0.00%	165	141	165	165.01258	Achieved		10
8430 8440 8450	8605	172.38013 171.86068	165.3329	165.3329	100	0.00%	0.00%	165	141	165	165.00531	Achieved		10
8460	8625	171 21091	165.32196	165.32196	100	0.00%	0.00%	165	141	165	164.99938	Achieved		10
8470 8480 8490	8635	170.49759 169.79414	165.41331 165.57841	165.41331 165.57841	100	0.00%	0.00%	163	141	165	164.99793	Achieved		10
	8655	169.17203	165.82579 166.12758	165.82579	100	0.00%	0.00%	165		165				10

	Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous Grade	Average Grade	Sight Distance Required	Sight Distance Relaxed	Sight Distance Achieved	Sight Distance Along Sight Line	Sight Line Status	Obstruction	SSD Speed Achieved EDD 2sec RT (km/h)
	8510	8675	168 26542	166.52649	166.52649	100	0.00%	0.00%		141	165		Achieved		100
						100				141		165.00667	Achieved		100
	8540	8705	167.40905	167.93909	167.93909	100	0.00%	0.00%	165	141	165	165.00647	Achieved		100
	8560	8725	166.95822	168.59594	168.39394	100	0.00%	0.00%	165	141	165	164.99934	Achieved		100
															100
															100
									165					Vertical alignment	90
	8630	8744	166 26636	168.83921	168.83921	100	0.00%	0.00%	165	141	114	113.99126	Not Achieved	Vertical alignment	80
						100		0.00%	165		92	91.99243			70
															70
····································	8680						0.00%		165						50 50
····································	8700	8766	168 63697	168.64386	168.64386	100	0.00%	0.00%	165	141	66	65.97014	Not Achieved	Vertical alignment	60
	8720	8885	169.36597	168.15728	168.15728	100	0.00%	0.00%	165	141	165	164.99141	Achieved	verucal alignment	100
						100		0.00%	165	141		165.00204	Achieved		100
															100
	8770	8935								141		165.01789	Achieved		100
	8790	8955	169.11458	171.05594	171.05594	100	0.00%	0.00%	165	141	165	165.01682	Achieved		100
	8810	8975	168 67009	171.89746	171.89746	100	0.00%	0.00%	165	141	165	165.00804	Achieved		100
	8830	8995	168.34123	172.89126	172.89126	100	0.00%	0.00%	165	141	165	165.00007	Achieved		100
M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M							0.00%	0.00%	165	141					100
Image	8860	9025	168.46777	174.23065	174.23065	100	0.00%	0.00%	165	141	165	164.99619	Achieved		100
	8880	9045	168.94504	174.82782	174.82782	100	0.00%	0.00%	165	141	165	164.99617	Achieved	Manifest allow	100
	8900	9048	169.5111	174.88173	174.88173	100	0.00%	0.00%	165	141	148	147.99618	Relaxed	Vertical alignment	100
	8910								165			137.99619	Not Achieved		90
	8930	9050	170 83779	174.91742	174.91742	100	0.00%	0.00%	165	141	120	119.99621	Not Achieved	Vertical alignment	90
····································	8950	9054	171.73963	174.97826	174.97826	100	0.00%	0.00%	165	141	104	103.99623	Not Achieved	Vertical alignment	80
ImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImage <th< td=""><td>8970</td><td>9058</td><td>172.58631</td><td>175.02209</td><td>175.02209</td><td>100</td><td>0.00%</td><td>0.00%</td><td>165</td><td>141</td><td>89</td><td>87.99627</td><td>Not Achieved</td><td>Vertical alignment</td><td>70</td></th<>	8970	9058	172.58631	175.02209	175.02209	100	0.00%	0.00%	165	141	89	87.99627	Not Achieved	Vertical alignment	70
ImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImageImage <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>60 60</td></th<>															60 60
	9000		174 03405	175.08702	175.08702			0.00%	165	141		76	Not Achieved		60 60
	9020	9185	174.91705	175.0893	175.0893	100	0.00%	0.00%	165	141	165	165.0004	Achieved		100
	9040	9205	175.6141	175.07061	175.07061	100	0.00%	0.00%	165	141	165	165.00036	Achieved		100
90091.0091.0091.0090.0090.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.009	9060	9225	175.94062	174.99642	174.99642	100	0.00%	0.00%	165	141	165	165.00036	Achieved		100
198 193 194 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 194.38 <															100
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equal beakequal beak	9110	9258	175.90318	174.61184	174.61184	100	0.00%	0.00%	163	141	148	148.00037	Relaxed	Vertical alignment	100
19819819.38919.48919.48919.49919.890.9050.9050.90419.1819.48919.48919.48919.48919.48919.49919.48919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.49919.499	9130	9260	175.95766	174.55657	174.55657	100	0.00%	0.00%	165	141	130	129.99885	Not Achieved		90
9.869.199.19.809.19.809.199.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.809.19.8															90
19861987(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1) <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>80 70</td></th<>															80 70
9.3889.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.3899.389 <th< td=""><td>9180</td><td></td><td></td><td></td><td></td><td></td><td>0.00%</td><td></td><td>165</td><td></td><td></td><td>87.9992</td><td>Not Achieved</td><td></td><td>70</td></th<>	9180						0.00%		165			87.9992	Not Achieved		70
90309178.109178.109178.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.109179.10	9200	9284	175.96955	173.71772	173.71772	100	0.00%	0.00%	165	141	84	84	Not Achieved	Vertical alignment	70
900009179 889179 889179 889179 889179 889179 889179 889179 889179 889179 8991798917989179891798917989179891798917989179891798917989179991799917999179991799917999179991799917999179991799917999179991799917999179991799917999179991799917999179991799917999179991799917999179991799917999179991799917999179991799917999179991799917999179991799917999179991799917999179991799917999179991799917999179991799917999179991799917999179991799917999179991799917999179991799917999179991799917999179991799917999179991799917999179991799917999179991799917999179991799917999179991799917999179991799917999179991799917999179991799917999179991799917999179991799917999179991799917999179991799917999179991799917999179991799917999179991799917999179991799917999179991799 </td <td>9220</td> <td>9385</td> <td>175.91329</td> <td>170.58142</td> <td>170.58142</td> <td>100</td> <td>0.00%</td> <td>0.00%</td> <td>165</td> <td>141</td> <td>165</td> <td>165.00097</td> <td>Achieved</td> <td>verucal alignment</td> <td>100</td>	9220	9385	175.91329	170.58142	170.58142	100	0.00%	0.00%	165	141	165	165.00097	Achieved	verucal alignment	100
19.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.8019.80 <th< td=""><td></td><td>9405</td><td></td><td></td><td></td><td></td><td></td><td>0.00%</td><td>165</td><td>141</td><td></td><td>165.00097</td><td>Achieved</td><td></td><td>100</td></th<>		9405						0.00%	165	141		165.00097	Achieved		100
11111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>100</td></th<>															100
919091.40091.21091.21091.20191.20191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.210191.21	9270		175.11055	169.82913	169.82913	100			165	141		165.00097	Achieved		100
9180918091802791802791802791809100910091409149160917028Percent segment918092809456912388916466916466900.050.001011018101828bracked917018101819170181018191701810181917018101819170181018191701810181917018101819170181018191701810181917018101819170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189170189	9290	9455	174.403	169.2133	169.2133	100	0.00%	0.00%	165	141	165	164.99297	Achieved		100
98894794.12144.266144.6660.000.000.000.160.160.160.170.17923MakinetVirtu alignmet.98.989580.581.121031.141231.141231.14120.000.000.010.1610.1610.1133418MakinetVirtu alignmet.98.989580.581.121031.141231.141230.000.000.010.100.110.1133418MakinetVirtu alignmet.98.989580.57481.157291.141230.000.000.000.100.110.110.1133418MakinetVirtu alignmet.97.979580.57481.177291.172781.172780.000.000.000.100.110.110.11111Virtu alignmet.97.97MakinetVirtu alignmet.97.979580.172731.162491.162490.000.000.100.110.11<11	9310	9470	173 60271	168.58272	168.58272	100	0.00%	0.00%	165	141	160	159.99283	Relaxed		100
9889848912.4855148.720148.720149.7000.00%0.00%145145145129.7823MAAlessetVerica signmet.989804640127.509148.6261000.00%0.00%146146148120.9723MAAlessetVerica signmet.989804640127.509148.626148.6461000.00%0.00%140148148189.846Verica signmet.98980473.454148.427148.427148.4270.00%0.00%140148148189.846Verica signmet.97.937980473.454147.727147.278148.6220.00%0.00%140148148189.846Verica signmet.97.937980171.1273148.6221148.6220.00%0.00%140146140148.9793MAAlesetVerica signmet.97.937980173.1273148.928148.9280.00%0.00%140146140148.9793MAAleset147.94149.949980173.1273148.928148.9290.00%0.00%140144140148.9793Adheset147.94149.949980173.1273148.924143.9490.00%0.00%140144140148.9793Adheset147.944149.949980173.1273148.944143.9490.00%0.00%145146.945146.9793Adheset147.944<	9330	9468	172 81601	168.6666	168.6666	100	0.00%	0.00%	165	141	138	137.99285	Not Achieved	Vertical alignment	90
9480 94.90 91.809 91.809 91.809 91.909 91.909 91.919 91.919 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.9199 91.91999 91															90
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98609878917,270917,2710915,2712915,2712915,2712915,2712915,2712915,2712915,2712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712915,7712 <t< td=""><td>9380</td><td>9474</td><td>171.54884</td><td>168.41278</td><td>168.41278</td><td>100</td><td>0.00%</td><td>0.00%</td><td>165</td><td>141</td><td>94</td><td>93.99186</td><td>Not Achieved</td><td>Vertical alignment</td><td>70</td></t<>	9380	9474	171.54884	168.41278	168.41278	100	0.00%	0.00%	165	141	94	93.99186	Not Achieved	Vertical alignment	70
9420 9430 979.29 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.746 113.7	9400	9498	171 27705	167.24788	167.24788	100	0.00%	0.00%	165	141	98	97.99183	Not Achieved	Vertical alignment	70
940 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 970 <td>9420</td> <td>9585</td> <td>170.97544</td> <td>163.76462</td> <td>163.76462</td> <td>100</td> <td>0.00%</td> <td>0.00%</td> <td>165</td> <td>141</td> <td>165</td> <td>164.99789</td> <td>Achieved</td> <td>verocal alignment</td> <td>70</td>	9420	9585	170.97544	163.76462	163.76462	100	0.00%	0.00%	165	141	165	164.99789	Achieved	verocal alignment	70
9489947894739483948394839484949494549453948394839484949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949494949	9440	9605					0.00%	0.00%				165.00123	Achieved		100
9470947894849489400.000.0094894494594.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.10094.100 <th< td=""><td>9430</td><td>9615</td><td>170.3028</td><td>163.27403</td><td>163.27403</td><td>100</td><td>0.00%</td><td>0.00%</td><td>165</td><td>141</td><td>165</td><td>165.00568</td><td>Achieved</td><td></td><td>100</td></th<>	9430	9615	170.3028	163.27403	163.27403	100	0.00%	0.00%	165	141	165	165.00568	Achieved		100
1480148.900148.900142.807142.8071000.0000.000141141141143.0020Achred100100150154.500142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000142.5000 <t< td=""><td>9470</td><td>9635</td><td>169.48272</td><td>162.94941</td><td>162.94941</td><td>100</td><td>0.00%</td><td>0.00%</td><td>165</td><td>141</td><td>165</td><td>165.00026</td><td>Achieved</td><td></td><td>100</td></t<>	9470	9635	169.48272	162.94941	162.94941	100	0.00%	0.00%	165	141	165	165.00026	Achieved		100
939 947 947 947 943 942.90 940 0.00 0.00 945 944 945 945.900 Achierd 940 939 166.962 142.382 142.382 100.00 0.00 0.00 155 145.900 Achierd 940 949 975 153.983 161.933 131.933 101.930 0.00 0.00 155 141.930 Achierd 940 970 153.983 161.933 151.939 131.930 10.00 0.00 155 141 155 145.933 Achierd 940 9775 152.944 151.930 151.930 0.00 0.00 155 141 155 151.930 161.933 161.933 Achierd 940 940 940 940 940 940 940 940 940 940 940 940 940 940 940 940 940 940 940 940 940 940 940 <t< td=""><td>9490</td><td>9655</td><td>168.57812</td><td>162.72667</td><td>162.72667</td><td>100</td><td>0.00%</td><td>0.00%</td><td>165</td><td>141</td><td>165</td><td>165.00028</td><td>Achieved</td><td></td><td>100</td></t<>	9490	9655	168.57812	162.72667	162.72667	100	0.00%	0.00%	165	141	165	165.00028	Achieved		100
9120 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 9169 <th< td=""><td>9510</td><td>9675</td><td>167.48158</td><td>162.50269</td><td>162.50269</td><td>100</td><td>0.00%</td><td>0.00%</td><td>163</td><td>141</td><td>165</td><td>165.00029</td><td>Achieved</td><td></td><td>100</td></th<>	9510	9675	167.48158	162.50269	162.50269	100	0.00%	0.00%	163	141	165	165.00029	Achieved		100
930 930 930 930 940 940 940 940 940 940 944 940 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 944 <td></td> <td>100</td>															100
990 972 192 2494 114.8932 114.8932 100 0.005 0.005 145 144 155 149.922 Achined 100 970 9735 119.117 116.13002 116.13002 116.13002 116.13002 100 0.005 0.005 146 116 145.9312 Achined 100 9705 9735 146.4724 16.14.000 10.005 0.005 145 141 116 155.0312 Achined 100 9705 9735 146.4242 116.1424 0.005 0.005 145 141 145 155.0312 Achined 100 9505 9775 146.4292 151.3142 161.9142 0.005 0.055 144 165 155.0777 Achined 100 9505 9775 146.4292 151.3136 100 0.005 105 144 165 155.0777 Achined 100 9506 9305 151.3788 151.3135 151.3393	9540	9705	165.99681	161.98936	161.98956	100	0.00%	0.00%	165	141	165	164.99716	Achieved		100
92909479144.733114.1303114.1303114.13030.0030.005115144115125.1324Achived94.10093909775144.5424115.1334116.13240.0050.005115141115153.0378Achived94.10095009775144.242115.1330116.13240.0050.005115141115153.0787Achived94.10095009775144.939115.1343116.13460.0050.005115141115155.0787Achived94.10096109775115.1343115.1346116.10660.0050.005115141115155.0873Achived94.10096409785115.1348115.1345116.13450.0050.005115141115155.0873Achived94.10096409805115.1345115.1345116.13450.0050.005115141115155.0872Achived94.10096509825115.1345115.1345116.13450.0050.005115141115155.9872Achived94.10096509835115.1345115.1345116.13450.0050.005115141115115.9874Achived94.10096509845115.3345115.1345116.13450.0050.005115141115115.9874Achived94.10097609845115.3345<	9560	9725	165 26494	161.68923	161.68923	100	0.00%	0.00%	165	141	165	164.9942	Achieved		100
950 975 164 424 161.304 161.304 0.00 0.00 151 151 161.002 161.374 161.374 161.002 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074 161.074	9580	9745	164.77534	161.50003	161.50003	100	0.00%	0.00%	165	141	165	165.01192	Achieved		100
9510 9779 164 2892 161.3724 161.3724 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	9600	9765	164.42248	161.3804	161.3804	100	0.00%	0.00%	165	141	165	165.05983	Achieved		100
950 979 163.948 161.000 101.0006 0.000 0.000 151 151.0130 151.0130 151.0130 151.0130 151.0130 151.0130 151.0130 151.0130 151.0130 151.0130 151.0130 151.0130 151.0130 151.0130 151.0130 151.0130 151.0130 151.0130 0.000 0.000 151 151.0130 151.0130 151.0130 151.0130 0.000 0.000 151 151.0130 151.0130 151.0130 0.000 0.000 151 151.0150 151.0100 151.0100 151.0100 151.0100 151.0100 151.0100 151.0100 151.0100 151.0100 151.0100 151.0100 151.0100 151.0100 151.0100 151.0100 151.0100 151.0100 151.01000 151.0100 151.0100 151.0100 151.0100 151.0100 151.0100 151.0100 151.0100 151.0100 151.0100 151.0100 151.0100 151.0100 151.0100 151.0100 151.0100 151.0100 151.0100 151.0100 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>165</td><td>141</td><td>165</td><td>165.07877</td><td></td><td></td><td>100</td></t<>									165	141	165	165.07877			100
950 9515 163 973 151 393 151 393 0.00 0.00 151 151 150 152 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 393 161 3933 161 393	9630	9795	163.91946	161.30066	161.30066	100	0.00%	0.00%	165	141	165	165.08632	Achieved		100
9870 9833 164.8424 161.2003 104.2003 0.00 0.00% 0.00% 151 141 154.92414 Achived 910 9800 9845 163.3234 151.2003 151.2003 101.000% 0.00% 150 141 155 164.92414 Achived 910 9800 9835 153.323 151.199 151.199 100 0.00% 0.00% 155 141 155 164.8071 Achived 910 9700 9895 542.7993 155.149 955.1499 100 0.00% 0.00% 155 141 155 164.8071 Achived 910 9710 9895 152.7979 151.10612 100 0.00% 0.00% 155 141 155 164.8701 Achived 910 0.00% 100 9720 9895 162.5623 161.0612 100 0.00% 0.00% 155 141 165 164.9701 Achived 100 9730	9630	9815	163 67751	161.29523	161.29523	100	0.00%	0.00%	165	141	165	165.03422	Achieved		100
9680 9693 163.3241 161.0094 161.0049 0.00% 0.00% 161 161 164.87313 Achived 100 9690 9935 151.1353 151.1554 151.1554 151.1554 151.1554 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.1557 151.15578 151.15578 <td>9670</td> <td>9835</td> <td>163.44624</td> <td>161.23085</td> <td>161.23085</td> <td>100</td> <td>0.00%</td> <td>0.00%</td> <td>163</td> <td>141</td> <td>165</td> <td>164.92414</td> <td>Achieved</td> <td></td> <td>100</td>	9670	9835	163.44624	161.23085	161.23085	100	0.00%	0.00%	163	141	165	164.92414	Achieved		100
9700 9855 162.7924 161.109 161.499 0.000 0.000 151 141 155 164.7864 Achived 100 9710 9875 162.7927 161.10612 100 0.000 0.000 165 141 165 164.7864 Achived 100 9710 9885 162.67279 161.00512 100 0.000 0.000 165 141 165 164.7864 Achived 100 9730 9895 162.54203 161.09396 160 0.000 0.000 165 141 165 164.8563 Achived 100 9730 9895 162.4823 161.08396 100 0.000 0.000 165 141 165 164.8563 Achived 100 9740 9905 162.4823 161.0859 160 0.000 0.000 165 141 165 164.8607 Achived 100 9750 9935 162.4813 161.0859 100	9680	9845					0.00%	0.00%							100
9720 9855 162 6320 161.07716 161.07746 100 0.00% 0.00% 151 141 155 164.8188 Acrived 100 9730 9895 162.5320 161.07356 161.09396 100 0.00% 155 141 165 164.8188 Acrived 100 9730 9895 162.4303 161.08396 161.08396 100 0.00% 155 141 165 164.8188 Acrived 100 9740 9905 162.46137 161.08599 161.0859 100 0.00% 0.00% 155 141 165 164.9830 Acrived 100 9730 9915 162.46137 161.08599 161.0859 100 0.00% 0.00% 165 141 165 164.9830 Acrived 100 9730 9915 162.36137 161.08599 100 0.00% 0.00% 165 141 165 164.98107 Acrived 100	9700	9865	162.97904	161.1499	161.1499	100	0.00%	0.00%	165	141	165	164.78646	Achieved		100
9740 9905 162,44202 161,08543 100 0.00% 0.00% 165 141 165 164,9228 Achieved 100 9730 9915 162,36137 161,0559 160 0.00% 0.00% 165 141 165 164,9228 Achieved 100	9720	9885	162 65262	161.07716	161.07716	100	0.00%	0.00%	165	141	165	164.81698	Achieved		100
	9740	9905	162.44202	161.08543	161.08543	100	0.00%	0.00%	165	141	165	164.92248	Achieved		100
															100

						Instantaneous		Sight Distance	Sight Distance	Sight Distance	Sight Distance			SSD Speed Achieved
Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Grade	Average Grade	Required	Relaxed	Achieved	Along Sight Line Achieved	Sight Line Status	Obstruction	EDD 2sec RT (km/h)
9770 9780	9935 9945	162 28142 162 25557	160.99474 160.98226	160.99474 160.98226	100 100	0.00%	0.00%	165 165	141 141	165	165.07285			100
9790 9800	9955 9965	162 20422 162 21542	160.94526 160.93828	160.94526 160.93828	100	0.00%	0.00%	165	141					100
9810 9820	9975 9985	162 20686 162 18314	160.95899 160.96985	160.95899	100	0.00%	0.00%	165			165.06125			100
9840	10005	162.113 162.08677	161.04929	161.04929	100	0.00%	0.00%	163	141	165	164.99755	Achieved		100
9860	10025	162 05655	161.07708 161.15038	161.07708	100	0.00%	0.00%	165	141	165	164.99726	Achieved		100
9870 9880	10035	162 02952 161.98278	161.24192 161.38986	161.24192 161.38986	100	0.00%	0.00%	165	141		164.99962	Achieved		100
9890 9900	10055	161.98135 161.99651	161.60677 161.8444	161.60677 161.8444	100	0.00%	0.00%	165			165.03032	Achieved		100
9910 9920	10075	161.96834 161.94014	162.09769 162.31162	162.09769 162.31162	100	0.00%	0.00%	165	141	165	165.03367	Achieved		100
9930 9940	10095	161.90303 161.89042	162.51566 162.72836	162.51566 162.72836	100	0.00%	0.00%	165	141	165				100
9950 9960	10115	161 86521 161.8347	162.91767 163.12888	162.91767 163.12888	100	0.00%	0.00%	165	141					100
9970 9980	10135 10145	161 86604 161 84905	163.38873 163.65078	163.38873 163.65078	100	0.00%	0.00%	165	141					100
9990 10010	10155	161.90361	163.93588 164.62876	163.93588 164.62876	100	0.00%	0.00%	163	141	165	164.98774			100
10020 10030	10185	162 01213 162 08815	165.01335 165.37691	165.01335 165.37691	100	0.00%	0.00%	165 165	141	165	164.97867	Achieved		100
10040	10205	162 20862 162 39331	165.71208 166.15695	165.71208 166.15695	100	0.00%	0.00%	165			165.01638	Achieved		100
10050	10225	162 61926 162 87348	166.65038 167.18981	166.65058 167.18981	100	0.00%	0.00%	165	141	165	165.00435	Achieved		100
10080	10245	163.11171	167.77578	167.77578	100	0.00%	0.00%	165	141	165	164.94648	Achieved		100
10090	10255	163.30169 163.51947	168.35245 168.89921	168.35245 168.89921	100	0.00%	0.00%	165	141		164.82112	Achieved		100
10110 10120	10275 10285	163.73001 163.918	169.45755 169.98079	169.45755 169.98079	100	0.00%	0.00%	165	141		164.63203	Achieved		100
10130 10140	10295 10305	164.14935 164.42286	170.47666 170.9003	170.47666 170.9003	100 100	0.00%	0.00%	165 165	141 141		164.44231	Achieved		100
10150 10160	10315 10325	164 68329 165 01214	171.26408 171.61178	171.26408 171.61178	100 100	0.00%	0.00%	165 165	141	165	164.38789	Achieved Achieved		100
10170 10180	10335	165.35464	171.87994 171.96274	171.87994 171.96274	100	0.00%	0.00%	163		165	164.32147	Achieved	Vertical alignment	100
10190	10338	165.11477 166.43577	171.96274	171.96274	100	0.00%	0.00%	165	141	148	147.40145		Vertical alignment Vertical alignment	100
10210	10338	166 82646	171.96274 171.96274 171.96274	171.96274 171.96274 171.96274	100	0.00%	0.00%	165	141 141 141	128	127.54618	Not Achieved Not Achieved	Vertical alignment	90 90 80
10230	10340	167 80506	172.01844	172.01844	100	0.00%	0.00%	165	141	110	109.68325	Not Achieved	Vertical alignment Vertical alignment	80
10240 10250	10350	168.38296 168.95834	172.31182 173.11612	172.31182 173.11612	100	0.00%	0.00%	165			127.72388	Not Achieved Not Achieved	Vertical alignment Vertical alignment	80 90
10260 10270	10425	169.5385 170 07319	174.3981 174.63577	174.3981 174.63577	100	0.00%	0.00%	163	141	165	164.77321			100
10280 10290	10445	170 63138 171.13825	174.83241 174.95351	174.83241 174.95351	100	0.00%	0.00%	165	141					100
10300 10310	10464 10464	171.59549 171.96722	175.03475 175.03475	175.03475 175.03475	100	0.00%	0.00%	165	141	164	153.86853		Vertical alignment Vertical alignment	100
10320 10330	10466 10468	172.36044 172 64318	175.03448 175.03159	175.03448 175.03159	100	0.00%	0.00%	165	141	146		Relaxed Not Achieved	Vertical alignment Vertical alignment	100
10340 10350	10468 10470	172.91844 173 21182	175.03159 175.02316	175.03159 175.02316	100	0.00%	0.00%	165	141	128		Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
10360 10370	10472 10474	173.52375 173.78936	174.99845 174.97361	174.99843 174.97361	100	0.00%	0.00%	165 165	141	112	111.93056	Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
10380 10390	10474 10476	174 07215 174.33681	174.97361 174.92899	174.97361 174.92899	100	0.00%	0.00%	165	141 141	94	93.94483	Not Achieved Not Achieved	Vertical alignment Vertical alignment	80 70 70
10400 10410	10478 10480	174.58366 174.85458	174.88195 174.83189	174.88195 174.83189	100	0.00%	0.00%	165	141	78	77.95325	Not Achieved Not Achieved	Vertical alignment Vertical alignment	60 60
10420	10482	175.15546	174.77575	174.77575	100	0.00%	0.00%	165		62	61.96174	Not Achieved Not Achieved	Vertical alignment	50
10440	10488	175 64666	174.24104	174.24104	100	0.00%	0.00%	165	141	56	55.9721	Not Achieved	Vertical alignment Vertical alignment	50
10450	10625	175 80419 175.90452	173.73086 173.48578	173.73086 173.48578	100	0.00%	0.00%	165	141	165	164.98394		Vertical alignment	100
10470 10480	10635	175.92316 175.73189	173.93186 174.4087	173.93186 174.4087	100	0.00%	0.00%	165	141	165	164.99627	Achieved		100
10490 10500	10655 10665	175.40902 174.9425	174.90269 175.39174	174.90269 175.39174	100	0.00%	0.00%	163		165	164.99655	Achieved		100
10510 10520	10675	174.42706 173.97614	175.86878 176.28001	175.86878 176.28001	100	0.00%	0.00%	163	141	165	165.03223	Achieved		100
10530 10540	10695	173 61464 173.31187	176.73918 177.09797	176.73918 177.09797	100	0.00%	0.00%	163	141	165	165.09545	Achieved		100
10550 10560	10715	173 09045 173 01428	177.33049 177.52058	177.33049 177.52058	100	0.00%	0.00%	165	141		165.07869	Achieved		100
10570 10580	10735 10734	173 05238 173 17225	177.68785	177.68785	100	0.00%	0.00%	165					Vertical alignment	100
10590 10600	10732 10728	173.32634 173.50901	177.64427 177.57844	177.64427 177.57844	100	0.00%	0.00%	165	141 141	142		Relaxed Not Achieved	Vertical alignment Vertical alignment	100
10610 10620	10728 10730	173 80129 174.18422	177.57844 177.61373	177.57844 177.61373	100 100	0.00%	0.00%	163 163	141	118 110	118.07742	Not Achieved Not Achieved	Vertical alignment Vertical alignment	80 80
10630 10640	10732 10738	174 60167 175 06553	177.64427 177.72557	177.64427 177.72557	100	0.00%	0.00%	163 163	141 141	102	102.07198	Not Achieved Not Achieved	Vertical alignment Vertical alignment	80 70
10630 10660	10748 10778	175.5528 176 04938	177.86585 178.37547	177.86585 178.37547	100	0.00%	0.00%	165	141 141	98 118	98.04916	Not Achieved Not Achieved	Vertical alignment Vertical alignment	70
10670 10680	10835	176.53576	179.23082 179.2867	179.23082	100	0.00%	0.00%	163	141	165	164.33232			100
10690	10845	177.42464	179.29045	179.29045	100	0.00%	0.00%	165	141	135	155.11495	Relaxed	Inside Curve/Vertical Alignment Inside Curve/Vertical Alignment	100
10710	10854	178.13234	179.31136	179.3041 179.31156 179.30498	100	0.00%	0.00%	165	141 141 141	144	142.91708		Inside Curve/Vertical Alignment Inside Curve/Vertical Alignment Inside Curve/Vertical Alignment	100
10720	10868	178.51382 178.51373 178.65118	179.25819	179.25819	100	0.00%	0.00%	165	141		136.78918	Not Achieved Not Achieved	Inside Curve/Vertical Alignment Inside Curve/Vertical Alignment Inside Curve/Vertical Alignment	90
10750	10886	178.79851	178.97203	178.97203	100	0.00%	0.00%	165	141	136	134.8088	Not Achieved Not Achieved	Inside Curve/Vertical Alignment	90
10760 10770	10886	178.99529	178.97203 178.97203	178.97203 178.97203	100	0.00%	0.00%	165	141	116	115.22759	Not Achieved	Inside Curve/Vertical Alignment Inside Curve/Vertical Alignment	90
10780 10790	10890	179.30433 179.46879	178.88906 178.66094	178.88906 178.66094	100	0.00%	0.00%	165	141	112	111.3075	Not Achieved Not Achieved	Inside Curve/Vertical Alignment Inside Curve/Vertical Alignment	80
10800 10810	10920 10934	179 65206 179 81855	178.19046 177.79721	178.19046 177.79721	100	0.00%	0.00%	165	141		122.93102	Not Achieved Not Achieved	Inside Curve/Vertical Alignment Inside Curve/Vertical Alignment	90
10820 10830	10944 10950	179.97214 180 09202	177.46154 177.23956	177.46154 177.23956	100	0.00%	0.00%	165	141	120	118.80799	Not Achieved Not Achieved	Inside Curve/Vertical Alignment Inside Curve/Vertical Alignment	90
10840 10830	10960 10972	180.15939 180.2041	176.86489 176.4277	176.86489 176.4277	100	0.00%	0.00%	163	141 141	120	120.77079	Not Achieved Not Achieved	Inside Curve/Vertical Alignment Inside Curve/Vertical Alignment	90
10860 10870	10986 11012	180 20498 180.13822	175.90001 174.96204	175.90001 174.96204	100 100	0.00%	0.00%	165 165	141 141	126 142	124.79777 140.84394	Not Achieved Relaxed	Inside Curve/Vertical Alignment Inside Curve/Vertical Alignment	90
10880 10890	11045 11055	179.99144 179.78906	173.90343 173.58601	173.90343 173.58601	100 100	0.00%	0.00%	163 163	141 141	165 165	163.98679 164.23308	Achieved Achieved		100
10900	11065 11075	179 60806 179.35613	173.29983 173.0029	173.29983 173.0029	100	0.00%	0.00%	165	141	165	164.44123	Achieved		100
10920 10930	11085	179 09046 178 82118	172.6672 172.29735	172.6672	100	0.00%	0.00%	165	141	165	164.74149	Achieved		100
10930	11055	178.49881 178.13956	171.89428	171.89428	100	0.00%	0.00%	165	141	165	164.91149	Achieved		100
10960	11125	177.76489	171.20883	171.20883	100	0.00%	0.00%	165	141	165	164.95926	Achieved		100
10970	11135	177.40151 177.02652	170.87482 170.54784	170.87482 170.54784	100	0.00%	0.00%	165	141	165	164.98768	Achieved		100
10990	11155	176 65272 176 28938	170.2468	170.2468	100	0.00%	0.00%	165	141		164.99222	Achieved		100
11010 11020	11175	175.93063 175.5996	169.63417 169.31575	169.63417 169.31575	100	0.00%	0.00%	163	141	165	164.99223	Achieved		100
11030	11195	175 27699 174.96682	169.03053 168.7798	169.03053 168.7798	100			165						100

Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous Grade	Average Grade	Sight Distance Required	Sight Distance Relaxed	Sight Distance Achieved	Sight Distance Along Sight Line Achieved	Sight Line Status	Obstruction	SSD Speed Achieved EDD 2sec RT (km/h)
11050	11215	174 64188	168.54024	168.54024	100	0.00%	0.00%	163	141	165	164.99235			100
11060 11070	11225	174.34151 174.05713	168.31506	168.31506	100	0.00%	0.00%	165	141	165				100
11080 11090	11245 11255	173.73527 173.38567	167.93578 167.75861	167.93578 167.75861	100	0.00%	0.00%	165	141 141	165	164.9926	Achieved		100
11100	11265	172.99955	167.55696	167.55696	100	0.00%	0.00%	165	141	165	165.03331	Achieved		100
11110	11275	172.58623	167.34227 167.06188	167.34227	100	0.00%	0.00%	165	141	165				100
11130 11140	11295 11305	171.94371 171.60829	166.72803 166.35575	166.72803 166.35575	100	0.00%	0.00%	165	141	165	165.13021	Achieved		100
11150	11315	171 29681	163.98439	165.98439	100	0.00%	0.00%	163	141	165	164.93	Achieved		100
11160 11170	11325 11335	170.99605 170 69277	165.64748 165.35776	165.64748 165.35776	100	0.00%	0.00%	165	141	165				100
11180 11190	11345	170.3707 170 06813	165.12191 164.93573	165.12191 164.93573	100	0.00%	0.00%	165	141	165				100
11200	11365	169 80022	164.80029	164.80029	100	0.00%	0.00%	165	141	165	163.47932	Achieved		100
11210 11220	11375 11385	169.33968 169.32108	164.69964 164.65233	164.69964 164.65233	100	0.00%	0.00%	163	141	165	163.22944	Achieved		100
11230 11240	11395 11405	169.11647 168.9295	164.63953 164.62211	164.63953	100	0.00%	0.00%	165	141	165				100
11250 11260	11415	168.74463	164.61752	164.61752	100	0.00%	0.00%	163		165	163.66513	Achieved		100
11260	11425 11435	168.55834 168.36034	164.66379 164.72505	164.66379 164.72306	100	0.00%	0.00%	165	141	165	164.35051	Achieved		100
11280 11290	11445 11455	168.10756 167 80349	164.79022 164.83639	164.79022 164.83639	100	0.00%	0.00%	165	141	165		Achieved Achieved		100
11300	11465	167.44202	164.89735	164.89735	100	0.00%	0.00%	163	141	165	165.04985	Achieved		100
11310 11320	11475 11485	167.0671 166.70716	165.02528 165.15186	165.02528 165.15186	100	0.00%	0.00%	165	141	165	165.12003	Achieved		100
11330 11340	11495	166.39581 166.1308	165.25275 165.35967	165.25275	100	0.00%	0.00%	165		165				100
11350	11515	165.92151	165.47797	165.47797	100	0.00%	0.00%	165	141	165	165.02403	Achieved		100
11360 11370	11525 11535	165.76367 165 64094	165.60379 165.71917	165.60379 165.71917	100	0.00%	0.00%	165	141	165	165.0026	Achieved		100
11380 11390	11545	165.56464	165.82488 165.91203	165.82488 165.91203	100	0.00%	0.00%	163	141	165				100
11400	11565	165.53354	166.00784	166.00784	100	0.00%	0.00%	163	141	165	165.00257	Achieved		100
11410 11420	11575 11585	165.51186 165.53027	166.13463 166.25002	166.13463 166.25002	100	0.00%	0.00%	165	141 141	165	165.00256	Achieved		100
11430 11440	11595 11605	165.59338	166.35958 166.48044	166.35958 166.48044	100	0.00%	0.00%	163	141	163				100
11450	11615	165.71422	166.61645	166.61645	100	0.00%	0.00%	165	141	165	165.00256	Achieved		100
11460 11470	11625 11635	165.75687 165.85012	166.75127 166.88406	166.75127 166.88406	100	0.00%	0.00%	165	141	165	165.00257	Achieved		100
11480 11490	11645 11655	166 00005 166 10216	167.03007 167.16695	167.03007 167.16695	100	0.00%	0.00%	165	141	165				100
11500	11665	166 20284	167.29427	167.29427	100	0.00%	0.00%	165		165	165.00294			100
11510	11675	166.44421	167.47439	167.47439	100	0.00%	0.00%	165	141	165		Achieved		100
11530 11540	11695 11705	166.56295 166 67244	167.54457 167.63168	167.54437 167.63168	100	0.00%	0.00%	163	141	165				100
11550	11715	166.76897	167.73018	167.73018	100	0.00%	0.00%	163	141	165	164.99982	Achieved		100
11560 11570	11725 11735	166 85804 166.96848	167.82442 167.91936	167.82442 167.91936	100	0.00%	0.00%	165	141 141	165	164.99982	Achieved		100
11580	11745	167.0982 167 20046	168.00638	168.00658	100	0.00%	0.00%	165		165				100
11600	11765	167.31688	168.10023	168.10023	100	0.00%	0.00%	165	141	165	164.99982	Achieved		100
11610	11775 11785	167.44508 167.58638	168.12683	168.12685 168.16723	100	0.00%	0.00%	165	141 141	165				100
11630 11640	11795	167.71598 167.8569	168.22443 168.28156	168.22443 168.28156	100	0.00%	0.00%	165	141	165				100
11650 11660	11815 11825	168 00205 168 13332	168.34054 168.40955	168.34034 168.40935	100	0.00%	0.00%	165	141	165	164.99982	Achieved		100
11670	11835	168 25036	168.47321	168.47321	100	0.00%	0.00%	165	141	165	164.9989	Achieved		100
11680 11690	11845	168.33768 168.40689	168.53437 168.59266	168.53437 168.59266	100	0.00%	0.00%	165	141	165		Achieved Achieved		100
11700 11710	11865 11875	168.48422 168.58173	168.64782 168.68386	168.64782 168.68386	100	0.00%	0.00%	165	141	165	164.99732	Achieved		100
11720	11885	168 67886	168.67867	168.67867	100	0.00%	0.00%	165	141	165	164.9973	Achieved		100
11730 11740	11895 11905	168.77044 168.86915	168.64525 168.60549	168.64525	100	0.00%	0.00%	165	141	165		Achieved Achieved		100
11750 11760	11915 11925	168.94231 168.98463	168.5656 168.5131	168.5656 168.5131	100	0.00%	0.00%	165	141	165				100
11770	11935	169 01287	168.45773	168.45773	100	0.00%	0.00%	165	141	165	164.99729	Achieved		100
11780 11790	11945 11955	169 04099 169.0948	168.40819 168.34965	168.40819 168.34965	100	0.00%	0.00%	165	141	165		Achieved Achieved		100
11800 11810	11965 11975	169.15438 169.20739	168.34383 168.33605	168.34383 168.33605	100	0.00%	0.00%	163	141	165	164.99731	Achieved		100
11820	11985	169 27722	168.35218	168.35218	100	0.00%	0.00%	165	141	165	165.00275	Achieved		100
11830 11840	11995 12005	169.34321 169.4046	168.40304 168.43943	168.40504 168.45945	100	0.00%	0.00%	165	141	165		Achieved Achieved		100
11850 11860	12015	169.46306	168.30731 168.37668	168.50751 168.57668	100	0.00%	0.00%	165	141	165	165.00698	Achieved		100
11870	12035	169.37664	168.67892	168.67892	100	0.00%	0.00%	165	141	165	165.00686	Achieved		100
11880 11890	12045 12055	169.38947 169.36601	168.78873 168.8957	168.78873 168.8957	100	0.00%	0.00%	165		165				100
11900 11910	12065 12075	169.52414 169.49057	169.03056 169.21635	169.03056 169.21635	100	0.00%	0.00%	165	141	165	165.0068			100
11920	12085	169.44079	169.4046	169.4046	100	0.00%	0.00%	165	141	165	165.00683	Achieved		100
11930 11940	12095 12105	169.38398 169.33049	169.63988 169.88475	169.63988	100	0.00%	0.00%	165	141	165	165.00691	Achieved		100
11950 11960	12115	169 26798 169 24581	170.1575 170.44183	170.1575	100	0.00%	0.00%	165	141	165	165.00416	Achieved		100
11970	12135	169 24613	170.74629	170.74629	100	0.00%	0.00%	165	141	165	165.00431	Achieved		100
11980 11990	12145	169 23353 169 27779	171.03802 171.35654	171.03802 171.35654	100	0.00%	0.00%	163	141 141	165	164.99713	Achieved		100
12000	12165	169.33184 169.38372	171.66065	171.66065	100	0.00%	0.00%	165	141	165	164.99712	Achieved		100
12020	12185	169.43173	172.20292	172.20292	100	0.00%	0.00%	165	141	165	164.99711	Achieved		100
12030 12040	12195 12205	169.52364 169 64013	172.36807 172.48324	172.36807 172.48324	100	0.00%	0.00%	163	141 141	165		Achieved		100
12050 12060	12215	169.7415 169 85383	172.56574	172.56574 172.58965	100	0.00%	0.00%	163	141 141	165	164.99712	Achieved	Vertical alignment	100
12070	12218	170 03029	172.58965	172.58965	100	0.00%	0.00%	165	141	148	147.99713	Relaxed	Vertical alignment	100
12080	12218	170.19738 170.42564	172.58965 172.60471	172.58965 172.60471	100	0.00%	0.00%	165	141	138		Not Achieved Not Achieved	Vertical alignment Vertical alignment	91
12100	12222	170 66289	172.6178 172.64162	172.6178	100	0.00%	0.00%	165	141	122	121.99717	Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
12120	12234	171.19442	172.68442	172.68442	100	0.00%	0.00%	165	141	114	114	Not Achieved	Vertical alignment	8
12130 12140	12252	171.49179 171.79663	172.78297 172.87877	172.78297 172.87877	100	0.00%	0.00%	163	141	122		Not Achieved Relaxed	Vertical alignment Vertical alignment	90
12150	12315	172.0997	172.93662	172.93662	100	0.00%	0.00%	165	141	165	164.99427	Achieved		10
12160 12170	12325 12335	172.4084 172.7163	172.99736 173.07072	172.99736 173.07072	100	0.00%	0.00%	165	141	165	164.99423	Achieved		10
12180 12190	12345	172.99338 173.19472	173.12951 173.11763	173.12951 173.11763	100	0.00%	0.00%	163	141	165				10
12200	12365	173.32648	173.00764	173.00764	100	0.00%	0.00%	165	141	165	164.98935	Achieved	Vartical slips	10
12210	12374 12376	173.42497 173.50471	172.86396 172.82818	172.86396 172.82818	100	0.00%	0.00%	165	141 141	164	155.9815	Relaxed	Vertical alignment Vertical alignment	10
12230 12240	12376 12378	173.56212 173 62092	172.82818 172.79209	172.82818 172.79209	100	0.00%	0.00%	163	141 141	146		Relaxed Not Achieved	Vertical alignment Vertical alignment	10
12250	12382	173 67274 173.7292	172.72897 172.61234	172.72897 172.61234	100	0.00%	0.00%	163	141 141	132	131.98148	Not Achieved Not Achieved	Vertical alignment Vertical alignment	91
12270	12398	173.76507	172.48955	172.48955	100	0.00%	0.00%	165	141	128	127.98666	Not Achieved	Vertical alignment	90
12280 12290	12406 12426	173.77822 173.77324	172.34763 172.00198	172.34763 172.00198	100	0.00%	0.00%	163	141 141	126		Not Achieved Not Achieved	Vertical alignment Vertical alignment	91
12300	12465	173.78297								165		Achieved		10

Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous	Average Grade	Sight Distance	Sight Distance	Sight Distance	Sight Distance Along Sight Line	Sight Line Status	Obstruction	SSD Speed Achieved
				-		Grade		Required	Relaxed	Achieved	Achieved	-		EDD 2sec RT (km/h)
12310 12320	12475 12485	173 81056 173 86409	171.61534 171.62226	171.61554 171.62226	100	0.00%	0.00%	165	141 141	165	164.98649	Achieved		100
12330 12340	12495	173.93237 174 00496	171.65148 171.68198	171.65148 171.68198	100	0.00%	0.00%	165	141	165				100
12350 12360	12515	174.0319 173.96805	171.7341 171.81039	171.7341	100	0.00%	0.00%	165			164.98713	Achieved		100
12370	12535	173.8283	171.87129	171.87129	100	0.00%	0.00%	163	141	165	165.04118	Achieved		100
12380 12390	12545 12555	173 65886 173.51234	171.94938 172.03247	171.94958 172.03247	100	0.00%	0.00%	163	141 141	165		Achieved		100
12400 12410	12565 12575	173.35631 173.17052	172.09557 172.15705	172.09557 172.15706	100	0.00%	0.00%	165	141 141	165	165.09872	Achieved		100
12420	12585	172.9977	172.22027	172.22027	100	0.00%	0.00%	163	141	165	164.5682	Achieved		100
12430 12440	12595	172 84018 172.71392	172.24654 172.2136	172.24654	100	0.00%	0.00%	165		165				100
12450 12460	12615 12625	172 62424	172.17863 172.1973	172.17863 172.1973	100	0.00%	0.00%	163		163	162.69676	Achieved		100
12470	12635	172.52681	172.25452	172.25452	100	0.00%	0.00%	163	141	165	161.69243	Achieved		100
12480	12645 12655	172.51546	172.33998 172.47633	172.33998 172.47633	100	0.00%	0.00%	165	141	165		Achieved		100
12500	12665 12675	172.56365 172.6049	172.65133 172.89006	172.65133 172.89006	100	0.00%		165	141	165	161.57741			100
12520	12685	172 66996	173.20229	173.20229	100	0.00%	0.00%	165	141	165	162.4713	Achieved		100
12530 12540	12695 12705	172.7438 172 81014	173.59649 173.9802	173.59649 173.9802	100	0.00%	0.00%	165		165				100
12550	12715	172 89061 172.96261	174.30122 174.53737	174.30122 174.53737	100	0.00%	0.00%	163						100
12570	12735	173.0298	174.70078	174.70078	100	0.00%	0.00%	165	141	165	164.9289	Achieved		100
12580	12745 12755	173 08619 173.13868	174.79807 174.87579	174.79807 174.87579	100	0.00%	0.00%	165		165		Achieved		100
12600	12765	173.14143 173 08877	174.97358 175.11045	174.97358 175.11045	100	0.00%	0.00%	163	141	165				100
12620	12785	173.0834	175.2523	175.2523	100	0.00%	0.00%	165	141	165	164.66813	Achieved		100
12630 12640	12795 12805	173.12343 173.19303	175.41654 175.59825	175.41654 175.59825	100	0.00%		165		165	164.68721	Achieved		100
12650 12660	12815 12825	173.30392 173.45749	175.77721 175.92679	175.77721 175.92679	100	0.00%	0.00%	163	141 141	165		Achieved Achieved		100
12670	12835	173 65834 173.93737	176.06197 176.17964	176.06197 176.17964	100	0.00%	0.00%	163	141	165	164.78243	Achieved		100
12690	12855	174 29109	176.2837	176.2837	100	0.00%	0.00%	165	141	165	164.83795	Achieved		100
12700 12710	12865 12875	174 69169 175 04919	176.37479 176.44846	176.37479 176.44846	100	0.00%	0.00%	163	141 141	163		Achieved Achieved		100
12720	12885	175.33488 175.52787	176.52586 176.59232	176.52586 176.59232	100	0.00%	0.00%	163		165	164.91357	Achieved		100
12740	12905	175 65468	176.65751	176.65751	100	0.00%	0.00%	165	141	165	164.95413	Achieved		100
12750 12760	12915 12925	175.73657 175 81823	176.73876 176.8389	176.73876 176.8389	100	0.00%	0.00%	165	141	165				100
12770 12780	12935 12945	175.93833 176 07907	176.95087 177.04258	176.95087 177.04258	100	0.00%	0.00%	165	141	165	164.96857	Achieved		100
12790	12955	176 22974	177.09478	177.09478	100	0.00%	0.00%	163	141	165	164.96928	Achieved		100
12800 12810	12965	176.4038 176.59045	177.09998	177.09998	100	0.00%	0.00%	165				Achieved Achieved		100
12820 12830	12985 12995	176.75671 176.89656	177.05345	177.05345 177.03013	100	0.00%	0.00%	163	141	165	164.97171	Achieved		100
12840	13005	177 02206	176.9981	176.9981	100	0.00%	0.00%	165	141	165	164.98409	Achieved		100
12850 12860	13015 13025	177.13165	176.89738 176.87903	176.89738 176.87903	100	0.00%	0.00%	163	141 141	165	164.98031	Achieved		100
12870 12880	13035	177.31423 177.38429	176.90699 176.98462	176.90699 176.98462	100	0.00%	0.00%	163	141	165		Achieved		100
12890	13055	177.4624	177.12719	177.12719	100	0.00%	0.00%	165	141	165	164.9782	Achieved		100
12900 12910	13065 13075	177.52253	177.29283 177.44186	177.29283 177.44186	100	0.00%	0.00%	165	141	165				100
12920 12930	13085	177 68543 177.79608	177.59716 177.71636	177.59716 177.71636	100	0.00%	0.00%	163	141 141	165		Achieved		100
12940	13105	177 89921	177.81255	177.81255	100	0.00%	0.00%	165	141	165	164.97736	Achieved		100
12950 12960	13115 13125	177.98178 177.9975	177.93789 178.11342	177.93789 178.11342	100	0.00%	0.00%	165	141 141	165				100
12970	13135	178.008 177.97878	178.33805 178.63937	178.33805 178.63937	100	0.00%	0.00%	163	141	165				100
12990	13155	177.93122	178.97577	178.97577	100	0.00%	0.00%	163		165	164.97904	Achieved		100
13000 13010	13165 13175	177.92944 177 83376	179.33931 179.74302	179.33931 179.74302	100	0.00%	0.00%	163	141					100
13020 13030	13185 13195	177.77838 177.78508	180.27474 180.81069	180.27474 180.81069	100	0.00%		165						100
13040	13205	177 83885	181.35736	181.35736	100	0.00%	0.00%	163	141	165	165.08157	Achieved		100
13050 13060	13215 13225	177.94872 178.1088	181.85146 182.26526	181.85146 182.26526	100	0.00%	0.00%	165	141	165	165.17664			100
13070 13080	13235	178 27121 178.41807	182.5621 182.75438	182.5621 182.75438	100	0.00%	0.00%	165	141	165				100
13090	13255	178.55951	182.9096	182.9096	100	0.00%	0.00%	165	141	165	163.97017	Achieved		100
13100 13110	13275	178.76905	183.03161	183.03161	100	0.00%	0.00%	165	141	165	161.3905	Achieved		100
13120 13130	13285	178.91952 179.11854	182.93089 182.80539	182.93089	100	0.00%	0.00%	163	141	165				100
13140	13305	179.37782	182.69962	182.69962	100	0.00%		163	141	165	156.90072	Achieved		100
13160	13325	179.71177 180 05818	182.52233	182.52233	100	0.00%	0.00%	165		165	155.67528	Achieved		100
13170 13180	13335 13345	180.43126 180.8924	182.5265 182.73517	182.5265 182.73517	100	0.00%	0.00%	165	141 141	165				100
13190 13200	13355	181.44679 181.99148	183.16806 183.70668	183.16806 183.70668	100	0.00%		165	141	165	157.29531	Achieved		100
13210	13375	182.50446	184.27768	184.27768	100	0.00%	0.00%	165	141	165	160.15698	Achieved		100
13220 13230	13385 13395	182.97704 183.32968	184.79203 185.19954	184.79203 185.19954	100	0.00%		165		165				100
13240	13405	183.57049 183.73221	185.47032	185.47032	100	0.00%		163	141	163	164.21257	Achieved		100
13260	13425	183 87313	185.71492	185.71492	100	0.00%	0.00%	165	141	165	164.96754	Achieved		100
13270 13280	13435 13445	183.95124 183.88355	185.69391 185.66569	185.69391 185.66569	100	0.00%		165			164.41902	Achieved		100
13290	13455	183.77503 183.65769	185.61942 185.61629	185.61942 185.61629	100	0.00%		163			163.87898	Achieved	Vertical alignment	100
13310	13432	183.53874	185.702	185.702	100	0.00%	0.00%	163	141	122	121.69545	Not Achieved	Vertical alignment	90
13320 13330	13428 13422	183.45106 183.3982	185.71332 185.69987	185.71332 185.69987	100	0.00%	0.00%	165	141	108	91.81691	Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
13340	13420 13420	183.49611 183.80885	185.68764 185.68764	185.68764 185.68764	100	0.00%		165	141	80	79.83765	Not Achieved Not Achieved	Vertical alignment Vertical alignment	50
13360	13428	184.33612	185.71332	185.71332	100	0.00%	0.00%	165	141	68	67.76068	Not Achieved	Vertical alignment	50
13370 13380	13466 13470	184 89976 185.45241	185.54945 185.51562	185.54945 185.51362	100	0.00%	0.00%	163	141 141	96	88.14215	Not Achieved Not Achieved	Inside Curve/Vertical Alignment Inside Curve/Vertical Alignment	70
13390 13400	13474 13480	185.91944 186 23857	185.47821 185.41354	185.47821	100	0.00%	0.00%	165	141	84	82.00303	Not Achieved Not Achieved	Inside Curve/Vertical Alignment Inside Curve/Vertical Alignment	70
13410	13490	186.46592	185.32803	185.32803	100	0.00%	0.00%	165	141	80	77.52407	Not Achieved	Inside Curve/Vertical Alignment	50
13420 13430	13498 13395	186.58764 186 61266	185.26543 184.85458	185.26543 184.85458	100	0.00%		163		78		Not Achieved Achieved	Inside Curve/Vertical Alignment	50 100
13440	13605	186.58363 186.54478	184.62745 184.39671	184.62745 184.39671	100	0.00%		165	141	165	159.63387	Achieved		100
13460	13625	186.49507	184.19775	184.19775	100	0.00%	0.00%	165	141	165	158.52248	Achieved		100
13470 13480	13635 13645	186.41562 186.31354	184.00641 183.83297	184.00641 183.83297	100	0.00%	0.00%	165	141	165	158.56031	Achieved Achieved		100
13490 13500	13655	186 22803	183.70156 183.60792	183.70156 183.60792	100	0.00%		163	141	163	159.2708	Achieved		100
13510	13675	186 07615	183.57919	183.57919	100	0.00%	0.00%	165	141	165	161.5619	Achieved		100
13520 13530	13685 13695	186 08085 186.13732	183.57929 183.6278	183.57929 183.6278	100	0.00%		165						100
13540 13550	13705 13715	186 21748 186 34927	183.72488 183.85154	183.72488 183.85154	100	0.00%	0.00%	165	141	165	164.62179			100
13550	13725	185.4111	184.00065	184.00065										100

Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous Grade	Average Grade	Sight Distance Required	Sight Distance Relaxed	Sight Distance Achieved	Sight Distance Along Sight Line	Sight Line Status	Obstruction	SSD Speed Achieved EDD 2sec RT (km/h)
13570	13735	186.36186	184.10434	184.10434	100	0.00%	0.00%	Nequireu 165		Achieved 165	Achieved 164.60226	Achieved		100 25EC KT (km/1)
13380	13745	186.14278 185 88094	184.10713 184.03949	184.10713 184.03949	100	0.00%	0.00%	165	141	165	164.29792	Achieved		10
13600	13765	185 64315	183.97476	183.97476	100	0.00%	0.00%	165	141	165	163.97903	Achieved		10
13610 13620	13775 13785	185.40861 185.19298	183.90668 183.85843	183.90668 183.85843	100	0.00%	0.00%	165		165		Achieved Achieved		10
13630 13640	13790	185 00038	183.85485	183.85485	100	0.00%	0.00%	165	141	160	158.83834	Relaxed	Vertical alignment	10
13650	13798 13808	184 81754 184 66641	183.86175 183.83677	183.86175 183.83677	100	0.00%		165	141	158	156.89487	Relaxed	Vertical alignment Vertical alignment	10
13660 13670	13825	184.54888 184.48548	183.79024 183.76111	183.79024 183.76111	100	0.00%	0.00%	165		165				10
13680 13690	13845 13855	184.47492 184.49517	183.73747 183.68812	183.73747 183.68812	100	0.00%	0.00%	165	141	165				10
13700	13865	184.56719	183.62678	183.62678	100	0.00%	0.00%	165	141	165	164.48351	Achieved		10
13710 13720	13875 13885	184 68847 184 82555	183.59576 183.59051	183.59576 183.59051	100	0.00%		165 165	141	165	164.75249	Achieved		10
13730 13740	13895	184.96943 185 01752	183.70164	183.70164	100	0.00%	0.00%	165		165		Achieved		10
13750 13760	13915	184.97193 184.91065	184.21351 184.56751	184.21351 184.56751	100	0.00%		165	141	163	164.87984	Achieved		10
13770	13935	184 83557	185.03585	185.03585	100	0.00%	0.00%	165	141	165	164.63176	Achieved		10
13780 13790	13945 13955	184.77933 184.75485	185.56195 186.0128	185.56195 186.0128	100	0.00%		165		165				10
13800 13810	13965 13975	184.76089 184.72986	186.32855 186.51655	186.32855 186.51655	100	0.00%	0.00%	165 165	141	163	163.74278	Achieved		10
13820	13976	184.70867	186.53219	186.53219	100	0.00%	0.00%	165	141	156	154.24919	Relaxed	Inside Curve	10
13830 13840	13978 13978	184 67213 184 65408	186.56143 186.56143	186.56143 186.56143	100	0.00%	0.00%	165	141	148		Relaxed Not Achieved	Inside Curve Inside Curve	10
13850 13860	13980 13982	184 61631 184.55796	186.58888 186.61508	186.58888 186.61508	100	0.00%	0.00%	163 163	141	130	128.20235	Not Achieved Not Achieved	Inside Curve Inside Curve	9
13870	13984	184.50882	186.63632	186.63632	100	0.00%	0.00%	165	141	114	112.18748	Not Achieved	Inside Curve	8
13880 13890	13986 13990	184.48294 184.53949	186.65059 186.66601	186.65059 186.66601	100	0.00%	0.00%	165	141	105		Not Achieved Not Achieved	Inside Curve Inside Curve	8
13900 13910	13994	184 69329 184.95382	186.6739 186.67437	186.6739 186.67437	100	0.00%	0.00%	163		94	92.19576	Not Achieved Not Achieved	Inside Curve	7
13920	14006	185 27894	186.67043	186.67043	100	0.00%	0.00%	165	141	86	84.17332	Not Achieved	Inside Curve	7
13930 13940	14016 14028	185 69116 186 20734	186.64111 186.7406	186.64111 186.7406	100	0.00%	0.00%	165 165		86		Not Achieved Not Achieved	Inside Curve Inside Curve	7
13950 13960	14060	186 69635 187 09269	187.29947 187.35989	187.29947 187.35989	100	0.00%		163	141	110	108.34454	Not Achieved	Inside Curve	10
13970	14135	187.33266	187.30973	187.30973	100	0.00%	0.00%	165	141	165	163.76839	Achieved		10
13980 13990	14145 14155	187.48888 187.56601	187.27412 187.18552	187.27412 187.18552	100	0.00%		165 165	141	165	164.2873	Achieved Achieved		10
14000 14010	14165 14168	187.57457 187.552	186.98224 186.89417	186.98224 186.89417	100	0.00%		163		165			Vertical alignment	10
14020	14168	187.55993	186.89417	186.89417	100	0.00%	0.00%	165	141	148	147.524	Relaxed	Vertical alignment	10
14030 14040	14168 14170	187 66325 187 82612	186.89417 186.83246	186.89417 186.83246	100	0.00%	0.00%	165	141	138	129.54289	Not Achieved Not Achieved	Vertical alignment Vertical alignment	9
14030 14060	14172 14176	188.0146 188.19947	186.7703 186.64346	186.7703 186.64346	100	0.00%	0.00%	165 165		122		Not Achieved Not Achieved	Vertical alignment Vertical alignment	9
14070	14180	188.33143	186.52066	186.52066	100	0.00%	0.00%	165	141	110	109.54947	Not Achieved	Vertical alignment	8
14080 14090	14184 14190	188.37326 188.39669	186.39446 186.18749	186.39446 186.18749	100	0.00%	0.00%	165	141	104	99.55377	Not Achieved Not Achieved	Vertical alignment Vertical alignment	8
14100 14110	14265 14275	188.37676 188.3155	184.44396 184.23134	184.44396 184.23134	100	0.00%	0.00%	165 165	141	165	164.24903			10
14120	14285	188.2722	183.97853	183.97853	100	0.00%	0.00%	165	141	165	164.44719	Achieved		10
14130 14140	14295	188 24168 188 19975	183.73448 183.54388	183.73448 183.54388	100	0.00%	0.00%	165		165	164.62078	Achieved		10
14150 14160	14315	188.14369 187.99806	183.34653 183.12651	183.34653 183.12651	100	0.00%	0.00%	165	141	165	164.70147	Achieved		10
14170	14335	187.73246	182.94085	182.94085	100	0.00%		165	141	163	164.83438	Achieved		10
14180 14190	14355	187.42066 187 08749	182.82219 182.73029	182.82219 182.73029	100	0.00%	0.00%	165 165		165	164.92833	Achieved		10
14200 14210	14365 14375	186.73876 186.4117	182.61714 182.46704	182.61714 182.46704	100	0.00%	0.00%	165		165				10
14220	14385	186.13643	182.33938	182.33938	100	0.00%	0.00%	165	141	165	164.9833	Achieved		10
14230 14240	14395 14405	185.92711 185.75254	182.10848	182.21593 182.10848	100	0.00%		165 165	141	165	164.98939			10
14250 14260	14415	185.58928 185.4284	182.03449 182.00021	182.03449 182.00021	100	0.00%		165		165				10
14270 14280	14435	185 25124 185 00788	181.98 181.96727	181.98 181.96727	100	0.00%	0.00%	165		165		Achieved		10
14290	14455	184.74973	181.98254	181.98254	100	0.00%	0.00%	165	141	165	165.0029	Achieved		10
14300 14310	14465 14475	184.33451 184.3469	182.0068 181.99308	182.0068 181.99308	100	0.00%		165		165		Achieved Achieved		10
14320 14330	14485	184.13985 183.92443	181.9659 181.88391	181.9639 181.88391	100	0.00%	0.00%	165	141	163				10
14340	14505	183.77309	181.82418	181.82418	100	0.00%	0.00%	163	141	165	165.00077	Achieved		10
14350 14360	14515 14525	183 67429 183.57832		181.77266 181.72111	100	0.00%		165						10
14370 14380	14535	183.44355 183.30008	181.6368 181.48531	181.6368 181.48531	100	0.00%	0.00%	165	141	165	164.99736	Achieved		10
14390	14355	183.17468	181.30855	181.30855	100	0.00%	0.00%	165	141	165	164.99933	Achieved		10
14400 14410	14364 14364	183 06106 182 96644	181.10259 181.10259	181.10259 181.10259	100	0.00%	0.00%	165		164			Vertical alignment Vertical alignment	10
14420	14366	182.91284 182.89008	181.05126	181.05126 180.99892	100	0.00%	0.00%	165	141	146	145.99936		Vertical alignment Vertical alignment	10
14440	14572	182 86723	180.89142	180.89142	100	0.00%	0.00%	165	141	132	131.99958	Not Achieved	Vertical alignment	9
14430 14460	14576 14625	182 87479 182.8998	180.7787 180.90713	180.7787 180.90713	100	0.00%	0.00%	165	141	126	165.01133	Not Achieved Achieved	Vertical alignment	10
14470 14480	14635 14645	182.91222 182.87489	181.11279 181.34672	181.11279 181.34672	100	0.00%	0.00%	163	141	165	165.01119	Achieved		10
14490	14655	182 83223	181.57402	181.57402	100	0.00%	0.00%	165	141	165	165.01103	Achieved		10
14500 14510	14665 14675	182.75542 182.69528	182.10207	181.80808 182.10207	100	0.00%	0.00%	165 165	141	165	165.01102			10
14520 14530	14685 14695	182 65036 182 58062	182.4964 182.934	182.4964 182.934	100	0.00%		165		165				10
14540	14705	182.46373	183.48412	183.48412	100	0.00%	0.00%	165	141	165	165.0372	Achieved		10
14550 14560	14715 14725	182 29817 182 10315	184.00743 184.4526	184.00743 184.4526	100	0.00%		165		165		Achieved Achieved		10
14570 14580	14735 14745	181 84619 181 58262	184.77964 184.97394	184.77964 184.97394	100	0.00%		165		165				1
14590	14755	181.45653	185.04354	185.04354	100	0.00%	0.00%	165	141	165	165.08275	Achieved	Varies sim	10
14600 14610	14758 14756	181.49952 181.57376	185.04654 185.04533	185.04654 185.04533	100	0.00%		165	141	158	146.0812	Relaxed	Vertical alignment Vertical alignment	1
14620 14630	14754 14754	181.71759 181.90374	185.04107 185.04107	185.04107 185.04107	100	0.00%	0.00%	165 165	141	134	134.08481	Not Achieved Not Achieved	Vertical alignment Vertical alignment	9
14640	14754	182.1292	185.04107	185.04107	100	0.00%	0.00%	165	141	114	114.0907	Not Achieved	Vertical alignment	8
14650 14660	14754 14752	182.36395 182.5833	185.04107 185.03634	185.04107 185.03634	100	0.00%	0.00%	163	141	104	92.09846	Not Achieved Not Achieved	Vertical alignment Vertical alignment	5
14670 14680	14752 14754	182.8417 183.17936	185.03634 185.04107	185.03634 185.04107	100	0.00%	0.00%	165 165		82	82.10368	Not Achieved Not Achieved	Vertical alignment Vertical alignment	7
14690	14756	183 60719	185.04533	185.04533	100	0.00%	0.00%	165	141	66	66.11813	Not Achieved	Vertical alignment	
14700 14710	14768 14822	184 09215 184 65461	185.06694 185.025	185.06694 185.025	100	0.00%	0.00%	165	141	68	112.09187	Not Achieved Not Achieved	Vertical alignment Vertical alignment	
14720 14730	14885	185.14378 185.54647	184.79244 184.79377	184.79244 184.79377	100	0.00%	0.00%	165	141	165		Achieved Achieved		1
14740	14905	185.79791	184.79727	184.79727	100	0.00%	0.00%	165	141	165	165.06604	Achieved		1
14750 14760	14915 14925	185.92783 185.94749	184.78663 184.74061	184.78663 184.74061	100	0.00%	0.00%	165 165	141	165	165.02825	Achieved		10
14770 14780	14935 14945	185.97467 185.99948	184.75701 184.79185	184.75701 184.79185	100	0.00%		165		165		Achieved Achieved		10
14790	14955	185.97858	184.82261	184.82261	100	0.00%		165		163	163	Achieved		10
14800 14810	14965 14975	185.97653 185.97711	184.88369 184.93465	184.88369 184.93465	100	0.00%	0.00%	165 165	141		165	Achieved Achieved		10
14820	14985	185.93391	184.97881	184.97881	100	0.00%	0.00%	163	141	165	163	Achieved		

Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous Grade	Average Grade	Sight Distance Required	Sight Distance Relaxed	Sight Distance Achieved	Sight Distance Along Sight Line	Sight Line Status	Obstruction	SSD Speed Achieved EDD 2sec RT (km/h)
14830	14995	185 89397	185.01375	185.01375	100	0.00%	0.00%	165	141	165	Achieved 165	Achieved		100
14840	15005	185 85879 185 82316	185.04797 185.09306	185.04797 185.09306	100	0.00%	0.00%	163	141	163	165	Achieved Achieved		100
14860	15025	185.78232	185.12355	185.12355	100	0.00%	0.00%	165	141	165	165	Achieved		100
14870 14880	15035 15045	185.75218 185.71068	185.13965 185.14135	185.13965 185.14135	100	0.00%	0.00%	165	141 141	165	165	Achieved Achieved		100
14890 14900	15055	185 68839 185.6964	185.1505 185.13917	185.1306	100	0.00%	0.00%	165	141	165		Achieved Achieved		100
14910	15075	185.6982	185.18253 185.23987	185.18253	100	0.00%	0.00%	163	141	165				100
14930 14940	15095	185 64303 185 67613	185.26786 185.29733	185.26786 185.29733	100	0.00%	0.00%	163	141	163				100
14950	15115	185.70604	185.3315	185.3315	100	0.00%	0.00%	165	141	165	164.98572	Achieved		100
14960 14970	15125	185.7566 185 80787	185.39379 185.46642	185.39379 185.46642	100	0.00%	0.00%	165	141	165	164.98553	Achieved		100
14980 14990	15145	185 85159 185 89759	185.544 185.59039	185.544 185.59039	100	0.00%	0.00%	165		165				100
15000	15165	185.92804 185.97338	185.59875 185.57456	185.59875 185.57456	100	0.00%	0.00%	163	141	165				100
15020	15185	186 00666 186 03158	185.56974 185.63204	185.56974 185.63204	100	0.00%	0.00%	165	141	165	164.98385	Achieved		100
15030 15040	15205	186 04094	185.70463	185.70463	100	0.00%	0.00%	165	141	165	164.98629	Achieved		100
15050	15215	186 04943 186 04693	185.72333 185.71966	185.72333 185.71966	100	0.00%	0.00%	165	141	165				100
15070	15235	186.0473 186.12381	185.63442 185.48678	185.63442 185.48678	100	0.00%	0.00%	165	141	165		Achieved Relaxed	Vertical alignment	100
15090	15242	186.15238	185.48678 185.43143	185.48678 185.43143	100	0.00%	0.00%	163	141	152	152	Relaxed Relaxed	Vertical alignment Vertical alignment	100
15110	15244	186 20951	185.43143	185.43143	100	0.00%	0.00%	165	141	134	134	Not Achieved	Vertical alignment	90
15120 15130	15244 15246	186 25468 186 33045	185.43143 185.37346	185.43143 185.37346	100	0.00%	0.00%	165	141	124	5 116	Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
15140 15150	15246 15248	186.40513 186.47605	185.37346 185.30324	185.37346 185.30324	100	0.00%	0.00%	165	141 141	105		Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
15160	15250	186.4983 186.49162	185.23283	185.23283	100	0.00%	0.00%	165	141	90	90	Not Achieved Not Achieved	Vertical alignment Vertical alignment	70
15180	15252	186.46989	185.1572	185.1572	100	0.00%	0.00%	165	141	72	2 72	Not Achieved	Vertical alignment	60
15190 15200	15256 15365	186.49364 186.37168	184.99924 184.35413	184.99924 184.35413	100	0.00%	0.00%	165	141	66	164.45134		Vertical alignment	100
15210	15375 15385	186 61932 186 62641	184.33445 184.31192	184.33445 184.31192	100	0.00%	0.00%	165	141	165	163.83606	Achieved		100
15230	15395	186.5937 186.43684	184.35582 184.42199	184.35582	100	0.00%	0.00%	163	141	165	163.6203	Achieved		100
15250	15415	186.13283	184.52038	184.52038	100	0.00%	0.00%	165	141	165	163.38339	Achieved		100
15260	15425	185.72732 185.35888	184.54033 184.47631	184.54033 184.47631	100	0.00%	0.00%	165		165	163.57442	Achieved		100
15280 15290	15445 15455	185.12448 185 03888	184.54476 184.67183	184.54476 184.67183	100	0.00%	0.00%	165	141	165	164.01507	Achieved		100
15300	15465	185 06683 185.16736	184.81942 185.04891	184.81942 185.04891	100	0.00%	0.00%	163	141	163				100
15320	15485	185 29015	185.42903	185.42903	100	0.00%	0.00%	165	141	163	164.18498	Achieved		100
15340	15495 15505	185.34782	186.75509	186.75509	100	0.00%	0.00%	165	141 141	165	163.56687	Achieved		100
15350 15360	15515	185.3274 185 28084	187.52698 188.22963	187.52698 188.22963	100	0.00%	0.00%	165	141	165				100
15370 15380	15535	185 24655 185 21236	188.80037 188.91994	188.80037 188.91994	100	0.00%	0.00%	163	141	165				100
15390 15400	15546	185 23077 185 28006	188.90638 188.90638	188.90638 188.90638	100	0.00%	0.00%	163	141	156	153.95095	Relaxed	Vertical alignment Vertical alignment	100
15410	15546	185.36116	188.90638	188.90638	100	0.00%	0.00%	165	141	136	5 134.36904	Not Achieved	Vertical alignment	90
15420 15430	15546 15544	185.45491 185.41826	188.90638 188.92606	188.90638 188.92606	100	0.00%	0.00%	165	141 141	126	112.93824	Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
15440 15450	15544	185.39217 185.50335	188.92606 188.92606	188.92606 188.92606	100	0.00%	0.00%	165	141	104		Not Achieved Not Achieved	Vertical alignment Vertical alignment	90 70
15460 15470	15544	185 64732 185 81774	188.92605 188.93809	188.92606 188.93809	100	0.00%	0.00%	163	141	84		Not Achieved Not Achieved	Vertical alignment Vertical alignment	70
15480	15542	186.11748	188.93809	188.93809	100	0.00%	0.00%	165	141	62	61.91849	Not Achieved	Vertical alignment	50
15500	15542	187 26812	188.93809	188.93809	100	0.00%	0.00%	165	141	42	2 42	Not Achieved Not Achieved	Vertical alignment Vertical alignment	40
15510 15520	15546 15552	188 04604 188.78965	188.90638 188.74765	188.90638 188.74765	100	0.00%	0.00%	165	141 141	36	2 32	Not Achieved Not Achieved	Vertical alignment Vertical alignment	FALSE
15530 15540	15695 15696	189.44922 189 82958	189.87734 189.89607	189.87734 189.89607	100	0.00%	0.00%	165	141 141	165			Inside Curve	100
15550	15698 15700	189.7051 189.36875	189.93418 189.97221	189.93418 189.97221	100	0.00%	0.00%	163	141	148		Relaxed Not Achieved	Inside Curve Inside Curve	100
15570	15702 15704	189 05223 188.77608	190.00303 190.02618	190.00303 190.02618	100	0.00%	0.00%	165	141	132	130.57001	Not Achieved	Inside Curve Inside Curve	90
15590	15708	188 62597	190.07821	190.07821	100	0.00%	0.00%	165	141	118	116.64042	Not Achieved Not Achieved	Inside Curve	90
15600 15610	15714 15724	188.627 188.77109	190.15968 190.30364	190.15968 190.30364	100	0.00%	0.00%	165	141 141	114	112.77531	Not Achieved Not Achieved	Inside Curve	<u>80</u> 80
15620 15630	15746 15795	188.98383 189.18823	190.88386 192.60002	190.88386 192.60002	100	0.00%	0.00%	165	141	126	164.13624		Inside Curve	90
13640	15805	189.43095	193.05761 193.58179	193.05761 193.58179	100	0.00%	0.00%	163	141	165		Achieved Achieved		100
15660	15825	189.92615 190.17688	194.14641 194.74129	194.14641 194.74129	100	0.00%	0.00%	165	141	165	165.14252	Achieved		100
15680	15845	190.43531	195.28935	195.28935	100	0.00%	0.00%	165	141	165	165.08222	Achieved		100
15690		190 68257 190 87221	195.89369 196.52902	195.89369 196.52902	100	0.00%	0.00%	165	141	165	164.99065	Achieved		100
15710 15720	15875 15885	191 00761 191 14263	197.22369 197.94826	197.22369 197.94826	100	0.00%	0.00%	165	141	165	164.9938	Achieved		100
15730 15740	15895 15905	191.33095 191.60328	198.70256 199.42454	198.70256 199.42454	100	0.00%	0.00%	165	141	165	164.99384	Achieved		100
15750	15915	191.91771 192.22673	200.15977 200.85708	200.15977 200.85708	100	0.00%	0.00%	165	141	165	164.99298	Achieved		100
15770	15935	192.54614	201.52408	201.52408	100	0.00%	0.00%	165	141	165	164.99317	Achieved		100
15780	15955	192.9115 193.29634	202.15087 202.77467	202.15087 202.77467	100	0.00%	0.00%	165	141	165	164.99341	Achieved		100
15800	15965 15975	193.71507 194.2199	203.44893 204.1316	203.44893 204.1316	100	0.00%	0.00%	165	141	165	164.98993	Achieved		100
15820 15830	15985	194.75112 195.35523	204.78192 205.39629	204.78192 205.39629	100	0.00%	0.00%	163		165	164.98193	Achieved		100
15840	16005	195.90432	205.91219 206.22223	205.91219 206.22223	100	0.00%	0.00%	165	141	165	164.95271	Achieved	Vertical alignment	100
15860	16012	197.11254	206.22223	206.22223	100	0.00%	0.00%	165	141	152	151.94003	Relaxed	Vertical alignment Vertical alignment	100
15870 15880	16014 16014	197.77428 198.4765	206.29899 206.29899	206.29899 206.29899	100	0.00%	0.00%	165	141 141	144	133.93477	Not Achieved	Vertical alignment Vertical alignment	100
15890 15900	16016 16018	199 21912 199.9494	206.37146 206.43335	206.37146	100	0.00%	0.00%	165	141 141	126		Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
15910	16020 16020	200 69733 201.41638	206.49433 206.49433	206.49433 206.49433	100	0.00%	0.00%	163	141	110	109.89284	Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
15930	16022	202 09131	206.53943	206.53943	100	0.00%	0.00%	165	141	92	91.86415	Not Achieved	Vertical alignment	70
15940	16024 16026	202.74217 203.36055	206.58301 206.6226	206.58301 206.6226	100	0.00%	0.00%	165	141	84	5 75.80104	Not Achieved Not Achieved	Vertical alignment Vertical alignment	70
15960 15970	16030 16135	203.99841 204 69988	206.6886	206.6886	100	0.00%	0.00%	163	141 141	70		Not Achieved Achieved	Vertical alignment	50 100
15980	16145	205.35831 205.99795	210.26854 210.52209	210.26834 210.52209	100	0.00%	0.00%	165		165	161.01172	Achieved		100
16000	16155	205.55734 207.04854	210.77276	210.77276	100	0.00%	0.00%	165	141 141 141	165	161.8485	Achieved		10
16020	16185	207.39433	211.35892	211.35892	100	0.00%	0.00%	165	141	165	163.14503	Achieved		100
16030 16040	16195 16205	207.5886 207.7583	211.65855 211.90478	211.65855 211.90478	100	0.00%	0.00%	165	141 141	165	164.30865	Achieved		100
16050	16215	208.0308	212.09228 212.18305	212.09228 212.18305	100	0.00%	0.00%	165	141	165				100
16070	16226	208 62979	212.18601	212.18601	100	0.00%	0.00%	165	141	156	155.89943	Relaxed	Vertical alignment	100
16080	16226	208.98639	212.18601	212.18601	100	0.00%	0.00%	165	141	146	145.93493	Inciased	Vertical alignment	10

Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous Grade	Average Grade	Sight Distance Required	Sight Distance Relaxed	Sight Distance Achieved	Sight Distance Along Sight Line	Sight Line Status	Obstruction	SSD Speed Achieved EDD 2sec RT (km/h)
16090	16228	209.37822	212.18903	212.18903	100	0.00%	0.00%	163		138	Achieved 137.96507	Not Achieved	Vertical alignment	200 L3CC KT (killy li)
16100	16230	209.75084 210 05913	212.19364 212.19364	212.19364 212.19364	100	0.00%	0.00%	163	141	130	129.99191	Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
16120	16232	210.37604	212.18917	212.18917	100	0.00%	0.00%	165	141	112	112	Not Achieved	Vertical alignment	80
16130	0 16234	210 69574 211 02657	212.18137 212.17041	212.18137 212.17041	100	0.00%	0.00%	163		104	96	Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
16150		211 29499 211 54765	212.15492 212.12676	212.15492 212.12676	100	0.00%	0.00%	163	141	88		Not Achieved	Vertical alignment Vertical alignment	70
16170	16250	211 81832	212.05997	212.05997	100	0.00%	0.00%	165	141	80	80	Not Achieved	Vertical alignment	50
16180	16336	212.11474 212.41071	211.88152 211.24431	211.88152 211.24431	100	0.00%	0.00%	165		102	145.94535		Vertical alignment Vertical alignment	30
16200		212 68998 212 90636	210.86397 210.83449	210.86597 210.83449	100	0.00%	0.00%	165		165		Achieved Achieved		100
16220	16385	213 05247	210.81382	210.81382	100	0.00%	0.00%	165		165	163.75311	Achieved		100
16230		213 09364 213 04268	210.79803 210.74317	210.79803 210.74317	100	0.00%	0.00%	165	141	165	162.71035			100
16250		212.95997 212.86898	210.73035 210.70221	210.73035 210.70221	100	0.00%	0.00%	165	141	160	157.50501		Inside Curve Inside Curve	100
16270	0 16420	212 83254 212.79695	210.66003	210.66005	100	0.00%	0.00%	163	141	150	147.21849 143.10987		Inside Curve Inside Curve	100
16290	16436	212.71077	210.55039	210.55039	100	0.00%	0.00%	165	141	146	142.93471	Relaxed	Inside Curve	100
16300		212 63053 212.46977	210.39023 210.25986	210.39023 210.25986	100	0.00%	0.00%	165	141	148	144.85361 143.01995		Inside Curve Inside Curve	100
16320		212.32081 212.22926	210.06195 209.62352	210.06196 209.62352	100	0.00%	0.00%	165		148		Relaxed Achieved	Inside Curve	100
16340		212 08733 211.95597	209.45276	209.45276	100	0.00%	0.00%	163	141	165	163.04118	Achieved		100
16360	16525	211 82072	209.08232	209.08232	100	0.00%	0.00%	165	141	165	164.08721	Achieved		100
16370		211.74498 211.73182	208.85984 208.63206	208.85984 208.63206	100	0.00%	0.00%	165		165		Achieved Achieved		100
16390	16555	211.7068 211.67312	208.4219	208.4219	100	0.00%	0.00%	163	141	165	164.82674			100
16410	16575	211 63035	207.93221	207.93221	100	0.00%	0.00%	165	141	165	164.94947	Achieved		100
16420		211.56005 211.49601	207.73536 207.54168	207.73536	100	0.00%	0.00%	165		165		Achieved Achieved		100
16440	16605	211.40491 211 26037	207.33919 207.14403	207.33919 207.14403	100	0.00%	0.00%	165	141	165	165	Achieved Achieved		100
16460	16625	211 08464	206.95013	206.95013	100	0.00%	0.00%	165	141	165	165	Achieved		100
16470	16635	210.93521 210.79617	206.75417 206.57368	206.75417 206.57368	100	0.00%	0.00%	165	141	165	165.01481			100
16490	16655	210 60557 210.43933	206.41477 206.22802	206.41477 206.22802	100	0.00%	0.00%	165	141	165	165.09091			100
16500	16675	210.2753	206.03398	206.03398	100	0.00%	0.00%	165	141	165	165.12879	Achieved		100
16520	16685	210 08811 209 87423	205.82975 205.62324	205.82975 205.62324	100	0.00%	0.00%	165	141	165	164.3643	Achieved		100
16540		209 63894 209.42233	205.46023	205.46023	100	0.00%	0.00%	165	141	165	163.98923	Achieved		100
16560	16725	209 21367	205.16028	205.16028	100	0.00%	0.00%	163	141	165	162.3824	Achieved		100
16570	0 16735 0 16745	208.95162 208.72403	205.04023 204.92064	205.04023 204.92064	100	0.00%	0.00%	165		165	161.2656	Achieved Achieved		100
16590	16755	208.53733	204.79077 204.62396	204.79077 204.62396	100	0.00%	0.00%	165	141	165	161.00421	Achieved		100
16610	16775	208.14428	204.44824	204.44824	100	0.00%	0.00%	165	141	165	161.08028	Achieved		100
16620	16795	207.94932 207.74669	204.29787 204.15076	204.29787 204.15076	100	0.00%	0.00%	165	141	165	161.95263	Achieved		100
16640	16805	207.55722 207.40531	203.98241 203.78084	203.98241 203.78084	100	0.00%	0.00%	163	141	165	162.68313	Achieved		100
16660	16825	207.2161	203.63469	203.63469	100	0.00%	0.00%	165	141	165	164.22316	Achieved		100
16670	16845	207 03666 206 82819	203.51583 203.37737	203.51583 203.37737	100	0.00%	0.00%	165	141	165	165.02878			100
16690	16855	206.631 206.43377	203.25816 203.13533	203.25816	100	0.00%	0.00%	163	141	165				100
16710	16875	205.278	203.03571	203.03571	100	0.00%	0.00%	165	141	165	165.05328	Achieved		100
16720	16895	205.12485 206.00389	202.95679 202.87252	202.95679 202.87252	100	0.00%	0.00%	165	141	165	165	Achieved		100
16740	16905	205 87913 205.759	202.76854 202.67936	202.76854 202.67936	100	0.00%	0.00%	163	141	165	165	Achieved Achieved		100
16750		205 61679 205.43872	202.60697 202.5064	202.60697 202.5064	100	0.00%	0.00%	165	141	165	165	Achieved		100
16780	16945	205 27135	202.45723	202.45723	100	0.00%	0.00%	165	141	165	163	Achieved Achieved		100
16790		205.12503 204.96902	202.42979 202.4061	202.42979 202.4061	100	0.00%	0.00%	165		165		Achieved Achieved		100
16810		204.78158 204.59676	202.37936 202.37837	202.37936 202.37837	100	0.00%	0.00%	165		165		Achieved Achieved		100
16830	16995	204.47457	202.4	202.4	100	0.00%	0.00%	165	141	165	163	Achieved		100
16840	17015	204.34427 204 20268	202.41877 202.44128	202.41877 202.44128	100	0.00%	0.00%	165	141	165	163	Achieved Achieved		100
16860	17025	204.10695 203.9762	202.49234 202.54134	202.49254 202.54134	100	0.00%	0.00%	163		165	165	Achieved Achieved		100
16880	17045	203.90006 203.8231	202.59478	202.59478 202.60759	100	0.00%	0.00%	163	141	165	163	Achieved		100
16900	17065	203.7177	202.60364	202.60564	100	0.00%	0.00%	165	141	165	163	Achieved Achieved		100
16910		203 61933 203.5509	202.60031 202.55902	202.60051 202.55902	100	0.00%	0.00%	163		165		Achieved Achieved		100
16930	17095	203.4407	202.54823	202.54823 202.51638	100	0.00%	0.00%	163	141	165	164.99591	Achieved		100
16950	17115	203.34423	202.51937	202.51937	100	0.00%	0.00%	165	141	165	164.98703	Achieved		100
16960		203.32103 203.30207	202.52457 202.52775	202.52457 202.52775	100	0.00%	0.00%	165		165	164.9775	Achieved		100
16980	17145	203 27045 203 28347	202.51606	202.51606	100	0.00%	0.00%	163	141	165	164.9724	Achieved Achieved		100
17000	17165	203.31269	202.54141	202.54141	100	0.00%	0.00%	163	141	165	164.9617	Achieved		100
17010	17185	203.33396 203.35531	202.57483 202.59031	202.57483 202.59031	100	0.00%	0.00%	165	141	165	164.92502	Achieved		100
17030	17195	203.42165 203.45533	202.59153	202.59153 202.59944	100	0.00%	0.00%	165	141	165	164.86925	Achieved		100
17050	17215	203.51131	202.58362	202.58362	100	0.00%	0.00%	165	141	165	164.70994	Achieved		100
17060		203.49835 203.51055	202.51046 202.35895	202.51046 202.35895	100	0.00%	0.00%	165	141	165	164.20093	Achieved Achieved		100
17080	17245	203.47467 203.46445	202.16316 201.99364	202.16516 201.99564	100	0.00%	0.00%	165	141	165	163.65425	Achieved		100
17100	17264	203.43255	201.85831	201.85831	100	0.00%	0.00%	165	141	164	161.60783	Relaxed	Vertical alignment	100
17110	17285	203.41343 203.41456	201.79886 201.62651	201.79886 201.62651	100			165	141	158 165		Achieved	Vertical alignment	100
17130		203.42769 203.42218	201.56329 201.51633	201.56329 201.51633	100	0.00%	0.00%	163		165		Achieved Achieved		100
17150	17315	203.42178	201.48508	201.48508	100	0.00%	0.00%	165	141	165	161.1643	Achieved		100
17160	17335	203.43156 203.45784	201.49889 201.48284	201.49889 201.48284	100	0.00%	0.00%	165	141	165	161.51442	Achieved		100
17180		203.48712 203.488	201.49111 201.52155	201.49111 201.52155	100	0.00%	0.00%	163		165		Achieved Achieved		100
17200	17365	203.5	201.52348	201.52348	100	0.00%	0.00%	165	141	165	162.86967	Achieved		100
17210		203.49638 203.4526	201.47583 201.46678	201.47583 201.46678	100	0.00%	0.00%	165	141	165		Achieved Achieved		100
17230		203.34296 203.16214	201.47166 201.47297	201.47166 201.47297	100	0.00%	0.00%	163	141	165		Achieved Achieved		100
17250	17415	202.974	201.47174	201.47174	100	0.00%	0.00%	163	141	165	164.86278	Achieved		100
17260	17435	202 82075 202 67104	201.46026 201.42783	201.46026 201.42783	100	0.00%	0.00%	165	141	165	164.95625	Achieved		100
17280	17445	202.57617 202.49263	201.40426 201.40011	201.40426 201.40011	100	0.00%	0.00%	165	141	165				100
17300	17465	202.43516	201.3759	201.3759	100	0.00%	0.00%	165	141	165	165.00484	Achieved		100
17310		202.39435 202.39213	201.36669 201.38426	201.36669 201.38426	100	0.00%	0.00%	165		165 165 165	165.00487	Achieved Achieved		100
17320		202.38568	201.43271	201.43271	100	0.00%	0.00%	165						100

Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous Grade	Average Grade	Sight Distance Required	Sight Distance Relaxed	Sight Distance Achieved	Sight Distance Along Sight Line Achieved	Sight Line Status	Obstruction	SSD Speed Achieved EDD 2sec RT (km/h)
17350	17515	202.40881	201.46685	201.46685	100	0.00%	0.00%	163						100
17360	17525	202.42609	201.50436	201.50436	100	0.00%	0.00%	165	141	165				100
17370 17380	17535	202.39991 202.35256	201.53963 201.59208	201.53963 201.59208	100	0.00%	0.00%	165		165				100
17390	17555	202.36552	201.65699	201.65699	100	0.00%	0.00%	165	141	165	165.00049			100
17400	17565	202.37361	201.71909	201.71909	100	0.00%	0.00%	165	141	165				100
17410 17420	17575 17585	202.37863 202.37415	201.80055 201.84402	201.80066 201.84402	100	0.00%	0.00%	165		165		Achieved		100
17420	17585	202.3443	201.84402	201.89763	100	0.00%	0.00%	163		165		Achieved Achieved		100
17440	17605	202.31875	201.9626	201.9626	100	0.00%	0.00%	165	141	165	164.99829	Achieved		100
17450	17615	202.30503	202.01662	202.01662	100	0.00%	0.00%	163		165		Achieved		100
17460 17470	17625 17635	202 29142 202 27039	202.05025 202.08426	202.05025 202.08426	100	0.00%	0.00%	165	141	165	165	Achieved Achieved		100
17480	17645	202.2707	202.1479	202.1479	100	0.00%	0.00%	165	141	165		Achieved		100
17490	17655	202.30952	202.1865	202.1865	100	0.00%	0.00%	165	141	165	165	Achieved		100
17500	17665	202.34961 202.33824	202.22345 202.2929	202.22345 202.2929	100	0.00%	0.00%	165		165		Achieved Achieved		100
17520	17685	202.33824	202.2525	202.2929	100	0.00%	0.00%	165		165		Achieved		100
17530	17695	202.42284	202.43027	202.43027	100	0.00%	0.00%	165		165	165	Achieved		100
17540	17705	202.46192	202.46839	202.46839	100	0.00%	0.00%	165		165		Achieved		100
17550	17715	202.52628	202.50881	202.50881	100	0.00%	0.00%	163		165		Achieved Achieved		100
17570	17735	202 565251	202.63993	202.63993	100	0.00%	0.00%	165		165		Achieved		100
17580	17745	202.71562	202.67464	202.67464	100	0.00%	0.00%	163	141	165	165	Achieved		100
17590	17755	202.77182	202.71395	202.71395	100	0.00%	0.00%	165		165		Achieved		100
17600 17610	17765	202.826 202 89219	202.72348 202.76004	202.72348 202.76004	100	0.00%	0.00%	165		165		Achieved Achieved		100
17620	17785	202.93631	202.81895	202.81895	100	0.00%	0.00%	165		165		Achieved		100
17630	17795	202.96322	202.86939	202.86939	100	0.00%	0.00%	165	141	165	165	Achieved		100
17640	17805	203.0154	202.89897	202.89897	100	0.00%	0.00%	165		165		Achieved		100
17650 17660	17815 17825	203 06937 203.1028	202.96811 203.04224	202.96811 203.04224	100	0.00%	0.00%	165	141	165		Achieved Achieved		100
17670	17835	203.14894	203.10579	203.10579	100	0.00%	0.00%	165		165	165	Achieved		100
17680	17845	203 23634	203.16935	203.16935	100	0.00%	0.00%	165	141	165	165	Achieved		100
17690	17855 17865	203.30436 203.3533	203.25187 203.34095	203.25187 203.34095	100	0.00%	0.00%	165	141	165		Achieved		100
17710	17875	203.38933	203.41094	203.41094	100	0.00%	0.00%	165	141	165		Achieved Achieved		100
17720	17885	203.43772	203.4714	203.4714	100	0.00%	0.00%	165		165	165	Achieved		100
17730	17895	203.51052	203.52604	203.52604	100	0.00%	0.00%	165	141	165		Achieved		100
17740	17905	203.55744 203.59578	203.57591 203.63972	203.57591 203.63972	100	0.00%	0.00%	163		165	165	Achieved Achieved		100
17760	17925	203 62376	203.72019	203.72019	100	0.00%	0.00%	163		165		Achieved		100
17770	17935	203 63491	203.79155	203.79155	100	0.00%	0.00%	165	141	165	165	Achieved		100
17780	17945	203 68895 203.74947	203.85821 203.91993	203.85821	100	0.00%	0.00%	163		165		Achieved Achieved		100
17790	17955	203.74547	203.91993	203.91993 204.00963	100	0.00%	0.00%	165		165				100
17810	17975	203 83184	204.07139	204.07139	100	0.00%	0.00%	165		165				100
17820	17985	203.90782	204.14962	204.14962	100	0.00%	0.00%	165		165				100
17830 17840	17995 18005	203.97254 204 04005	204.24737 204.34182	204.24737 204.34182	100	0.00%	0.00%	165		165		Achieved		100
17840	18015	204.10585	204.43873	204.43873	100	0.00%	0.00%	165		165				100
17860	18025	204.19798	204.50098	204.50098	100	0.00%	0.00%	165	141	165	164.9987	Achieved		100
17870 17880	18035	204 28233 204.33759	204.36089 204.39938	204.56089	100	0.00%	0.00%	165		165		Achieved Achieved		100
17880	18045	204.33733	204.55538	204.55558	100	0.00%	0.00%	165		165				100
17900	18065	204.44941	204.70808	204.70808	100	0.00%	0.00%	165	141	165		Achieved		100
17910	18075	204.50621	204.76341	204.76341	100	0.00%	0.00%	165		165		Achieved		100
17920	18085	204.57907 204.65399	204.8297 204.88518	204.8297 204.88518	100	0.00%	0.00%	165		165		Achieved		100
17940	18105	204.72723	204.93979	204.93979	100	0.00%	0.00%	163	141	165				100
17950	18115	204.78529	204.9757	204.9757	100	0.00%	0.00%	165	141	165	164.99871	Achieved		100
17960 17970	18125 18135	204 85441 204.94525	204.99638 205.02155	204.99638 205.02155	100	0.00%	0.00%	165	141	165		Achieved Achieved		100
17970	18135	204.94323	205.02155	205.02155	100	0.00%	0.00%	165	141	165		Achieved		100
17990	18155	205 09242	205.08054	205.08054	100	0.00%	0.00%	165	141	165	165	Achieved		100
19000	18165	205.19699	205.10097	205.10097	100	0.00%	0.00%	165		165				100
18010	18175	205 28968 205.37681	205.11169 205.14578	205.11169 205.14578	100	0.00%	0.00%	165		165				100
18020	18185	205.42523	205.14378	205.14578	100	0.00%	0.00%	165	141	165				100
18040	18205	205.48131	205.22317	205.22317	100	0.00%	0.00%	165	141	165	164.99547	Achieved		100
18050	18215	205.52081	205.2723	205.2723	100	0.00%	0.00%	163		165				100
18060	18225	205.57607 205.63475	205.29132 205.3114	205.29132	100	0.00%	0.00%	165		165				100
18080	18245	205 69392	205.31122	205.31122	100	0.00%	0.00%	163	141	165	164.99543	Achieved		100
18090	18255	205.75858	205.29408	205.29408	100	0.00%	0.00%	165	141	165	164.99543	Achieved		100
18100 18110	18265	205 81067 205 86456	205.28595 205.30164	205.28595 205.30164	100	0.00%	0.00%	165		165				100
18110	182/5	205 88456	205.30164	205.30164	100	0.00%	0.00%	165		165				100
18130	18295	205.9025	205.38033	205.38033	100	0.00%	0.00%	165	141	165	164.9955	Achieved		100
18140	18305	205.93123	205.39477	205.39477	100	0.00%	0.00%	165						100
18150	18315	205.9681 205.98687	205.44046 205.46521	205.44046 205.46521	100	0.00%	0.00%	163		165		Achieved		100
18180	18335	205.58887	205.48521	205.46521	100	0.00%	0.00%	165		165	165	Achieved		100
18180	18345	205 03068	205.50582	205.50582	100	0.00%	0.00%	165	141	165	164.9964	Achieved		100
18190	18355	205 05991	205.54525	205.54525	100	0.00%	0.00%	165		165		Achieved		100
18200	18365	206 09991 206 14294	205.54317 205.56776	205.54317 205.56776	100	0.00%	0.00%	163		165				100
18220	18385	205.14234	205.61595	205.61595	100	0.00%	0.00%	165			165.00146	Achieved		100
18230	18395	206 20571	205.70652	205.70652	100	0.00%	0.00%	165	141	165	165.01496	Achieved		100
18240	18405	205 21514	205.78919	205.78919	100	0.00%	0.00%	163		165		Achieved Achieved		100
18250 18260	18415	206 20573 206 18563	205.91008 206.05538	205.91008 206.05538	100	0.00%	0.00%	165						100
18270	18435	205.19184	206.24402	206.24402	100	0.00%	0.00%	165	141	165	165.1396	Achieved		100
18280	18445		206.43198	206.43198	100	0.00%	0.00%	165						100
18290	18455	205 27119	206.76977	206.76977	100	0.00%	0.00%	165	141	165	165.02926	Achieved		10

Birralee Main Road (A1701) – Counter Direction (CD)

Stopping Sight Distance

Car Driver Eye Height 1.10m to 0.2m Object Height

Continuous Chainage from Link 08

Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous Grade	Average Grade	Sight Distance	Sight Distance Relaxed	Sight Distance Achieved	Sight Distance Along Sight Line Achieved	Sight Line Status	Obstruction	SSD Speed Achieved
18462.211	18297.211	207.76005	205.36509	205.36509	100	0.00%	0.00%	Required 165	141	165	163.7417	Achieved		EDD 2sec RT (km/h) 100
18452.211 18442.211	18287.211 18277.211	207.54392 207.25952	205.3484 205.32147	205.3484 205.32147	100	0.00% 0.00%	0.00%	165	141 141	165	164.26637			100
18432.211	18267.211	207.09562	205.31808	205.31808	100	0.00%	0.00%	165	141	165	164.83746	Achieved		100
18422.211 18412.211	18257.211 18247.211		205.30511 205.31302	205.30511 205.31302	100	0.00%	0.00%	165						100
18402.211	18237.211	206.66181	205.2992	205.2992	100	0.00%	0.00%	165	141	165	164.97128	Achieved		100
18392.211 18382.211	18227.211 18217.211	206.56521 206.52331	205.26152 205.25258	205.26152 205.25258	100	0.00%	0.00%	165	141					100
18372.211	18207.211	206.47949	205.20251	205.20251	100	0.00%	0.00%	165	141	165	165.01409	Achieved		100
18362.211 18352.211	18197.211 18187.211	205.43018 205.40801	205.18747 205.15435	205.18747 205.15435	100	0.00%	0.00%	165						100
18342.211	18177.211	206.38393	205.1084	205.1084	100	0.00%	0.00%	165	141	165	165.0015	Achieved		100
18332.211 18322.211	18167.211 18157.211		205.07677 205.06834	205.07677 205.06834	100	0.00%	0.00%	165	141			Achieved Achieved		100
18312.211 18302.211	18147.211	206.29682	205.03701 205.00068	205.03701 205.00068	100	0.00%	0.00%	165	141	165	165.00434	Achieved		100
18302.211	18137.211 18127.211		205.00068 204.9766	205.00068	100	0.00%	0.00%	165						100
18282.211 18272.211	18117.211 18107.211	206.22423 206.22296	204.9618 204.9207	204.9618 204.9207	100	0.00%	0.00%	165	141					100
18262.211	18097.211	206.20476	204.87324	204.87324	100	0.00%	0.00%	165	141	165	165.00423	Achieved		100
18252.211	18087.211 18077.211	206.21102 206.21373	204.81513 204.74648	204.81513 204.74648	100	0.00%	0.00%	165	141					100
18232.211	18067.211	206.17478	204.69103	204.69103	100	0.00%	0.00%	165	141	165	165.00422	Achieved		100
18222 211 18212 211	18057.211 18047.211	206.15609 206.13197	204.63499 204.59169	204.63499 204.59169	100	0.00%	0.00%	165	141					100
18202.211	18037.211	206.0828	204.54149	204.54149	100	0.00%	0.00%	165	141	165	165.00426	Achieved		100
18192.211 18182.211	18027.211 18017.211	206.0789 206.02616	204.46411 204.40414	204.46411 204.40414	100	0.00%	0.00%	165	141					100
18172.211	18007.211		204.3531	204.3531	100	0.00%	0.00%	165						100
18162.211 18152.211	17997.211 17987.211	205.9558	204.27109 204.16724	204.27109 204.16724	100	0.00%	0.00%	165	141	165	165	Achieved		100
18142.211 18132.211	17977.211 17967.211		204.08833 203.9989	204.08833 203.9989	100	0.00% 0.00%	0.00%	165		165		Achieved Achieved		100
18122.211	17957.211	205.8719	203.92897	203.92897	100	0.00%	0.00%	165	141	165	165.00128	Achieved		100
18112.211 18102.211	17947.211 17937.211	205.84335 205.79619	203.84006 203.76709	203.84006 203.76709	100	0.00%	0.00%	163						100
18092.211	17927.211	205.74439	203.67224	203.67224	100	0.00%	0.00%	165	141	165	165.00128	Achieved		100
18082.211 18072.211	17917.211 17907.211		203.61251 203.57963	203.61251 203.57963	100	0.00%	0.00%	165	141					100
18062.211	17897.211	205.56281	203.51715	203.51715	100	0.00%	0.00%	165	141	165	165.00127	Achieved		100
18052.211 18042.211	17887.211 17877.211		203.44001 203.38691	203.44001 203.38691	100	0.00%	0.00%	165	141	165	165.00127			100
18032.211 18022.211	17867.211	205.40027	203.36643 203.28754	203.36643	100	0.00%	0.00%	165	141	165	165.00127	Achieved		100
18012.211	17857.211 17847.211	205.27795	203.17777	203.28754 203.17777	100	0.00%	0.00%	165	141 141	165	165.00127	Achieved		100
18002.211	17837.211	205.2132 205.11917	203.11616 203.03908	203.11616	100	0.00%	0.00%	165	141					100
17992.211 17982.211	17817.211	205.02862	202.96817	203.03908 202.96817	100	0.00%	0.00%	165	141	163	165.00128	Achieved		100
17972.211	17807.211	204.94079 204.86765	202.91849 202.87579	202.91849 202.87579	100	0.00%	0.00%	165	141 141					100
17952.211	17787.211	204.78262	202.82385	202.82385	100	0.00%	0.00%	165	141	165	165	Achieved		100
17942.211	17777.211	204.70576 204.61742	202.76347 202.71556	202.76347 202.71556	100	0.00%	0.00%	165	141			Achieved Achieved		100
17922.211	17757.211	204.53874	202.69502	202.69502	100	0.00%	0.00%	165	141	165	165	Achieved		100
17912.211 17902.211	17747.211	204.49241 204.45372	202.66348 202.63229	202.66348 202.63229	100	0.00%	0.00%	165	141			Achieved Achieved		100
17892.211	17727.211	204.37823	202.57961	202.57961	100	0.00%	0.00%	165	141	165	165	Achieved		100
17882.211 17872.211	17717.211 17707.211	204.30729 204.28078	202.53861 202.50217	202.53861 202.50217	100	0.00%	0.00%	165	141 141	165	165	Achieved Achieved		100
17862.211 17852.211	17697.211 17687.211	204.23443 204.13071	202.45335 202.3803	202.45335 202.3803	100	0.00%	0.00%	163			165	Achieved Achieved		100
17842.211	17677.211	204.04799	202.31461	202.31461	100	0.00%	0.00%	165	141	165	165	Achieved		100
17832.211 17822.211	17667.211		202.2427 202.19106	202.2427 202.19105	100	0.00%	0.00%	165	141			Achieved Achieved		100
17812.211 17802.211	17647.211	203.83857	202.14696	202.14696	100	0.00%	0.00%	165	141	165	165	Achieved		100
17802.211	17637.211 17627.211		202.09473 202.04614	202.09473 202.04614	100	0.00%	0.00%	165	141	165	165	Achieved Achieved		100
17782.211 17772.211	17617.211 17607.211	203.69762 203.63744	202.00822 201.96324	202.00822 201.96324	100	0.00%	0.00%	165	141			Achieved Achieved		100
17762.211	17597.211	203.60709	201.91448	201.91448	100	0.00%	0.00%	165	141	165	165	Achieved		100
17752.211	17587.211	203.58441 203.54009	201.86223 201.80057	201.86223 201.80057	100	0.00%	0.00%	165	141			Achieved Achieved		100
17732.211	17567.211	203.50574	201.71882	201.71882	100	0.00%	0.00%	165	141		165	Achieved		100
17722.211	17557.211 17547.211	203.45699 203.41988	201.6577 201.59919	201.6577 201.59919	100	0.00%	0.00%	165	141			Achieved Achieved		100
17702.211	17537.211	203.37919	201.54553	201.54553	100	0.00%	0.00%	165	141			Achieved		100
17682.211	17517.211	203.24858	201.48525	201.48626	100	0.00%	0.00%	165	141	163	165	Achieved		100
17672.211			201.41776 201.41166	201.41776 201.41166	100	0.00%	0.00%	165				Achieved Achieved		100
17652.211	17487.211	203.06873	201.3926	201.3926	100	0.00%	0.00%	165	141	165	165	Achieved		100
17642.211 17632.211			201.3687 201.37174	201.3687 201.37174	100	0.00%	0.00%	165				Achieved Achieved		100
17622.211	17457.211	202.92706	201.38017 201.39245	201.38017 201.39245	100	0.00%	0.00%	165	141	165	164.99923	Achieved		100
17602.211	17437.211	202.83794	201.42597	201.42597	100	0.00%	0.00%	165	141	165	165.00336	Achieved		100
17592.211	17427.211 17417.211		201.45048 201.46894	201.45048 201.46894	100	0.00%	0.00%	165						100
17572.211	17407.211	202.66057	201.47194	201.47194	100	0.00%	0.00%	165	141	165	165.00143	Achieved		100
17562.211			201.4706 201.46783	201.4706 201.46783	100	0.00%	0.00%	165						100
17542.211	17377.211	202.47416	201.49816	201.49816	100	0.00%	0.00%	165	141	165	164.99692	Achieved		100
17532.211	17367.211 17357.211		201.51307 201.51468	201.51307 201.51468	100	0.00%	0.00%	165				Achieved Achieved		100
17512.211			201.47873 201.43787	201.47873 201.43787	100	0.00%	0.00%	165	141	165	164.99415	Achieved		100
17492.211	17327.211	202.30709	201.45	201.45	100	0.00%	0.00%	165	141	165	164.99408	Achieved		100
17482.211 17472.211	17317.211 17307.211	202.2813	201.50294 201.52878	201.50294 201.52878	100	0.00% 0.00%	0.00%	165	141	165	164.99406	Achieved		100
17462.211	17297.211	202.27408	201.59899	201.59899	100	0.00%	0.00%	165	141	165	164.99405	Achieved		100
17452.211 17442.211			201.68607 201.81413	201.68607 201.81413	100	0.00%	0.00%	163						100
17432.211	17267.211	202.33818	201.93481	201.93481	100	0.00%	0.00%	165	141	165	165.04632	Achieved		100
17422.211			202.12444 202.33013	202.12444 202.33013	100	0.00%	0.00%	165				Achieved Achieved		100
17402.211	17237.211	202.37176	202.54657	202.54657	100	0.00%	0.00%	165	141	165	165.15798	Achieved		100
17392.211			202.72724 202.80606	202.72724 202.80606	100	0.00%	0.00%	165			164.79564	Achieved Achieved		100
17372.211	17207.211	202.40798	202.79225	202.79225	100	0.00%	0.00%	165	141	165	164.38021	Achieved		100
17362.211 17352.211		202.40231	202.76638 202.71784	202.76638 202.71784	100	0.00%	0.00%	165	141	165	163.55818	Achieved		100
17342.211 17332.211	17177.211	202.35701	202.65579 202.60753	202.65579 202.60753	100	0.00%	0.00%	165	141	165	163.17722	Achieved		100
17322.211	17157.211	202.37867	202.57308	202.57308	100	0.00%	0.00%	165	141	165	162.64886	Achieved		100
17312.211			202.55374	202.55374 202.56365	100	0.00%	0.00%	165						100
17292.211	17127.211	202.53472	202.57036	202.57036	100	0.00%	0.00%	165	141	165	162.85408	Achieved		100
17282.211 17272.211			202.57648 202.5708	202.57648	100	0.00%	0.00%	165						100
17262.211					100	0.00%								100

Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous	Average Grade	Sight Distance	Sight Distance	Sight Distance	Sight Distance Along	Sight Line Status	Obstruction	SSD Speed Achieved
17252.211	17087.211	203.13476	202.54349	202.54349	100	Grade 0.00%	0.00%	Required 163	Relaxed 141	Achieved 163	Sight Line Achieved 164.48488		ouraction	EDD 2sec RT (km/h) 100
17242.211	17077.211	203.34331	202.55454	202.55454	100	0.00%	0.00%	165	141	165	164.92223	Achieved		100
17232.211 17222.211	17067.211	203.54366 203.68359	202.57551 202.59114	202.57551 202.59114	100	0.00%	0.00%	165	141	165	165.10668			100
17212.211	17047.211	203.70518	202.57334	202.57334	100	0.00%	0.00%	165	141	165	165.11002	Achieved		100
17202.211	17037.211	203.67805 203.64953	202.50702 202.47512	202.50702 202.47512	100	0.00%	0.00%	165	141	165	165.10552			100
17182.211	17017.211	203.5819	202.43957	202.43957	100	0.00%	0.00%	165	141	165	165.04774	Achieved		100
17172.211 17162.211	17007.211	203.52869 203.48865	202.41906	202.41906	100	0.00%	0.00%	165	141	165	165.02869			100
17152.211	16987.211	203.46012	202.40299	202.40299	100	0.00%	0.00%	165	141	163	165.02578	Achieved		100
17142.211 17132.211	16977.211	203.4539 203.4687	202.39318 202.40594	202.39318 202.40594	100	0.00%	0.00%	163	141	165	165.02247			100
17122.211	16957.211	203.46828	202.42834	202.42834	100	0.00%	0.00%	165	141	163	165.01518	Achieved		100
17112.211 17102.211	16947.211	203.47373 203.46184	202.47806	202.47806	100	0.00%	0.00%	163	141	165				100
17092.211	16927.211	203.44655	202.60068	202.60068	100	0.00%	0.00%	165	141	165	165.00288	Achieved		100
17082.211	16917.211	203.4448 203.47141	202.65954	202.65954 202.73549	100	0.00%	0.00%	163	141	165		Achieved Achieved		100
17062.211	16897.211	203.47859	202.85074	202.85074	100	0.00%	0.00%	165	141	163	165	Achieved		100
17052.211	16887.211	203.49302	202.96768 203.02818	202.96768 203.02818	100	0.00%	0.00%	163	141	165		Achieved		100
17032.211	16867.211		203.14028	203.14028	100	0.00%	0.00%	165	141	165	165	Achieved		100
17022.211	16857.211	203.3558 203.32919	203.25209 203.3352	203.25209 203.3352	100	0.00%	0.00%	165	141	165		Achieved		100
17002.211	16837.211	203.31418	203.46613	203.46613	100	0.00%	0.00%	165	141	165	165	Achieved		100
16992.211	16827.211	203.30473 203.29438	203.62303 203.74085	203.62303 203.74085	100	0.00%	0.00%	165	141	165		Achieved Achieved		100
16972.211	16807.211	203.29653	203.89556	203.89556	100	0.00%	0.00%	163	141	163	165	Achieved		100
16962.211	16797.211	203.31312 203.35253	204.07379 204.22266	204.07379 204.22266	100	0.00%	0.00%	165	141	165		Achieved Achieved		100
16942.211	16777.211	203.40527	204.35593	204.35593	100	0.00%	0.00%	165	141	165	165	Achieved		100
16932.211 16922.211	16767.211	203.46552 203.5382	204.52665 204.68769	204.52665 204.68769	100	0.00%	0.00%	165	141	163	165	Achieved Achieved		100
16912.211	16747.211	203.59685	204.82786	204.82786	100	0.00%	0.00%	165	141	165	165	Achieved		100
16902.211 16892.211	16737.211 16727.211	203.68695	204.92367 205.0217	204.92367 205.0217	100	0.00%	0.00%	165	141 141	163		Achieved Achieved		100
16882.211	16717.211	203.89605	205.15456	205.15436	100	0.00%	0.00%	165	141	163	164.99301	Achieved		100
16872.211 16862.211	16707.211	203.97493 204.10185	205.251 205.37973	205.251 205.37973	100	0.00%	0.00%	163	141	163	164.91041	Achieved		100
16852.211	16687.211	204.18177	205.54595	205.54595	100	0.00%	0.00%	165	141	163	164.45102	Achieved		100
16842.211 16832.211	16677.211	204.29454 204.43533	205.76074 205.96764	205.76074 205.96764	100	0.00%	0.00%	163 163	141	163	164.02148			100
16822.211	16657.211	204.58204	206.17425	206.17425	100	0.00%	0.00%	165	141	163	162.60672	Achieved		100
16812.211 16802.211			206.4033 206.64112	206.4033 206.64112	100	0.00%	0.00%	163 163	141	163				100
16802.211	16637.211	204.88635 205.04806	206.84112 206.84763	206.84112	100	0.00%	0.00%	165	141 141	165	160.09121			100
16782.211	16617.211	205.18877	207.06429	207.06429	100	0.00%	0.00%	165	141	165	159.60598		Include Recent	100
16772.211 16762.211	16610.211 16602.211	205.34886	207.20298 207.35303	207.20298 207.35303	100	0.00%	0.00%	165 163	141	162	156.47638		Inside Curve Inside Curve	100
16752.211	16594.211	205.65441	207.50311	207.50311	100	0.00%	0.00%	165	141	158	152.58217	Relaxed	Inside Curve	100
16742.211	16577.211	205.77707 205.86152	207.85286 208.10786	207.85286	100	0.00%	0.00%	165	141	165	159.67723			100
16722.211	16557.211	205.99093	208.37104	208.37104	100	0.00%	0.00%	163	141	163	160.91657	Achieved		100
16712.211	16547.211	205.10482 205.20484	208.59867 208.81492	208.59867 208.81492	100	0.00%	0.00%	165	141	165	161.83144			100
16692.211	16527.211	206.3628	209.04546	209.04546	100	0.00%	0.00%	165	141	165	163.54352	Achieved		100
16682.211	16517.211	206.5449 206.76816	209.26213 209.44325	209.26213 209.44325	100	0.00%	0.00%	165	141	165	164.11603			100
16662.211	16497.211	206.97303	209.60604	209.60604	100	0.00%	0.00%	165	141	165	164.77192	Achieved		100
16652.211	16487.211	207.19278 207.42287	209.77998 209.9646	209.77998 209.9646	100	0.00%	0.00%	165	141	165	164.93022 164.99525			100
16632.211	16467.211	207.64532	210.1124	210.1124	100	0.00%	0.00%	165	141	163	165	Achieved		100
16622.211	16457.211	207.86008 208.06334	210.28655 210.45839	210.28655 210.45839	100	0.00%	0.00%	165	141	165		Achieved		100
16602.211	16437.211	208.25303	210.57254	210.57254	100	0.00%	0.00%	165	141	163	165.00005	Achieved		100
16592.211	16427.211	208.43893 208.63745	210.68114 210.78607	210.68114 210.78607	100	0.00%	0.00%	165	141	165	165.01697			100
16572.211	16407.211	208.87368	210.85265	210.85265	100	0.00%	0.00%	165	141	163	165.04637			100
16562.211	16397.211	209.14253 209.389	210.94032 211.01304	210.94032 211.01304	100	0.00%	0.00%	165	141	165		Achieved		100
16542.211	16377.211	209.60277	211.08001	211.08001	100	0.00%	0.00%	165	141	163	165.13958			100
16532.211	16367.211	209.83246	211.12791 211.19259	211.12791 211.19259	100	0.00%	0.00%	165	141	165	165.07655			100
16512.211	16347.211	210.25851	211.26321	211.26321	100	0.00%	0.00%	165	141	165	164.60272	Achieved		100
16502.211	16337.211	210.42145	211.34616 211.44168	211.34616 211.44168	100	0.00%	0.00%	165	141	165	164.15829			100
16482.211	16317.211	210.77693	211.52075	211.52075	100	0.00%	0.00%	165	141	165	163.32294	Achieved		100
16472.211 16462.211		210.93783 211.0951	211.63621 211.73425	211.63621 211.73425	100	0.00%	0.00%	165	141		163.01775	Achieved Achieved		100
16452.211	16287.211	211.2803	211.79998	211.79998	100	0.00%	0.00%	165	141	165	162.76679	Achieved		100
16442.211 16432.211		211.41885 211.52649	211.87448 211.96859	211.87448 211.96859	100	0.00%	0.00%	165	141	165	162.83639			100
16422.211	16257.211	211.63677	212.0136	212.0136	100	0.00%	0.00%	165	141	165	163.30079	Achieved		100
16412.211 16402.211	16247.211		212.07548 212.1474	212.07548 212.1474	100	0.00%	0.00%	165	141					100
16392.211	16227.211	211.87512	212.16416	212.16416	100	0.00%	0.00%	165	141	165	164.51492	Achieved		100
16382.211 16372.211	16217.211	211.95165 212.00304	212.08879 211.99895	212.08879 211.99895	100	0.00%	0.00%	165	141	165	164.85427		Vertical alignment	100
16362.211	16208.211	212.05751	211.96884	211.96884	100	0.00%	0.00%	165	141	154	154.14658	Relaxed	Vertical alignment	100
16352.211 16342.211	16208.211	212.12652 212.20102	211.96884 211.93874	211.96884 211.93874	100	0.00%	0.00%	165 165	141	144		Relaxed Not Achieved	Vertical alignment Vertical alignment	100
16332.211	16204.211	212.29577	211.90099	211.90099	100	0.00%	0.00%	165	141	128	128.04021	Not Achieved	Vertical alignment	90
16322.211 16312.211		212.38037 212.47138	211.85952 211.81641	211.85952 211.81641	100	0.00%	0.00%	165	141	120		Not Achieved	Vertical alignment Vertical alignment	90
16302.211	16198.211	212.59011	211.76647	211.76647	100	0.00%	0.00%	165	141	104	104	Not Achieved	Vertical alignment	80
16292.211	16194.211	212.67405 212.73811	211.66034 211.54317	211.66034 211.54317	100	0.00%	0.00%	163	141	98		Not Achieved	Vertical alignment Vertical alignment	70
16272.211	16186.211	212.82198	211.41524	211.41524	100	0.00%	0.00%	165	141	86	86	Not Achieved	Vertical alignment	70
16262.211	16176.211	212.89372 212.93903	211.12591 210.05851	211.12591 210.05851	100	0.00%	0.00%	163	141	86		Not Achieved	Vertical alignment Vertical alignment	70
16242.211	16077.211	213.01293	208.11548	208.11548	100	0.00%	0.00%	165	141	165	165.0593	Achieved	and a submitted	100
16232.211	16067.211	213.06664 213.03636	207.84495 207.57886	207.84495	100	0.00%	0.00%	165	141	165				100
16212.211	16047.211	212.9264	207.31561	207.31561	100	0.00%	0.00%	165	141	165	165.15652	Achieved		100
16202.211	16037.211	212.75952 212.50186	207.08086	207.08086	100	0.00%	0.00%	163	141 141		165.05332			100
16192.211		212.50185 212.19094		206.8418 206.51963	100	0.00%	0.00%	165	141	165				100
16172.211		211.9116 211.61807	205.11098	205.11098	100	0.00%	0.00%	165	141	165				100
	15997.211	211.61807 211.35133	205.59731 204.9892	205.59731 204.9892	100	0.00%	0.00%	165	141	165				100
16152.211	15977.211	211.08753 210.75572	204.32869 204.26054	204.32869	100	0.00%	0.00%	163	141	165	162.41053		Vertical elies	100
16142.211			204.26034		100	0.00%	0.00%	165	141	136			Vertical alignment Vertical alignment	100
	15976.211	210.4378	204.26054	204.26054	100									
16142 211 16132 211 16122 211 16122 211	13976.211 13976.211 13976.211	210.4378 210.13724	204.26054	204.26054	100	0.00%	0.00%	165	141	136	134.0987	Not Achieved	Vertical alignment	90
16142.211 16132.211 16122.211	13976.211 13976.211 13976.211	210.4378 210.13724 209.83668						165 165 165		136 126 114	134.0987 124.4175			
16142.211 16132.211 16122.211 16112.211 16102.211 16092.211 16082.211	13976.211 13976.211 13976.211 13976.211 13976.211 13978.211 13980.211	210.4378 210.13724 209.83668 209.51265 209.17497	204.26054 204.26054 204.39684 204.53318	204.26054 204.26054 204.39684 204.53318	100 100 100 100	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	163 165 165 165	141 141 141 141	136 126 114 102	134.0987 124.4175 112.78411 101.14754	Not Achieved Not Achieved Not Achieved Not Achieved	Vertical alignment Vertical alignment Vertical alignment Vertical alignment	90 90 80 80
16142 211 16132 211 16132 211 16112 211 16102 211 16092 211	13976.211 13976.211 13976.211 13976.211 13976.211 13978.211 13980.211	210.4378 210.13724 209.83668 209.51265	204.26054 204.26054 204.39684 204.53318 204.53318	204.26034 204.26034 204.39684	100 100 100	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	165 165 165	141 141 141	136 126 114 102 92	134.0987 124.4175 112.78411 101.14754 91.49081	Not Achieved Not Achieved Not Achieved	Vertical alignment Vertical alignment Vertical alignment	90 90 80

Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous	Average Grade	Sight Distance	Sight Distance	Sight Distance	Sight Distance Along	Sight Line Status	Obstruction	SSD Speed Achieved
16042.211	15964.211	208.09439	203.42027	203.42027	100	Grade 0.00%	0.00%	Required 163	Relaxed 141	Achieved 78	Sight Line Achieved 78.1915	Not Achieved	Vertical alignment	EDD 2sec RT (km/h) 60
16032.211 16022.211	13888.211	207.87018	198.20586 196.08448	198.20386 196.08448	100	0.00%	0.00%	163	141	144	144.17286	Relaxed	Vertical alignment	100
16012.211	15847.211	207.23077	195.45817	195.45817	100	0.00%	0.00%	163	141	165	165.04078			100
16002.211	15837.211	205.76728 205.20077	194.8464 194.25316	194.8464 194.25316	100	0.00%	0.00%	165	141	165	165.03412			100
15982.211	15817.211	205.56512	193.69416	193.69416	100	0.00%	0.00%	165	141	165	165.01456	Achieved		100
15972.211	15807.211	204.88299 204.17914	193.14162	193.14162	100	0.00%	0.00%	165	141	165	165.00737			100
15952.211	15787.211	203.50803 202.87419	192.27379 191.88726	192.27379 191.88726	100	0.00%	0.00%	163	141		165.00572 165.0056			100
15932.211	15767.211	202.21841	191.53951	191.53951	100	0.00%	0.00%	165	141	165	165.00549	Achieved		100
15922.211	15757.211	201.52772 200.8451	191.21821 190.89036	191.21821 190.89036	100	0.00%	0.00%	165	141	165	165.00539			100
15902.211	15737.211	200.12931	190.58208	190.58208	100	0.00%	0.00%	165	141	165	165.00447	Achieved		100
15892.211	15727.211	199.40487 198.66681	190.32934 190.1547	190.32934 190.1547	100	0.00%	0.00%	165	141		165.00419			100
15872.211	15707.211	197.97823	189.98992 189.81457	189.98992 189.81457	100	0.00%	0.00%	165	141	165	165.00505 165.0078			100
15852.211	15687.211	196.67023	189.61284	189.61284	100	0.00%	0.00%	165	141	165	164.94583	Achieved		100
15842.211	15677.211	196.04295	189.32779 189.00304	189.32779	100	0.00%	0.00%	163	141	165	164.86616			100
15822.211	15657.211	194.86833	188.7404	188.7404	100	0.00%	0.00%	165	141		164.41089	Achieved		100
15812.211	13647.211	194.3162 193.79107	188.30211 188.36328	188.30211 188.36328	100	0.00%	0.00%	165	141	165	163.91354 158.61645		Inside Curve	100
15792.211	15642.211	193.3664	188.36328	188.36328	100	0.00%	0.00%	163	141	150	148.62788	Relaxed	Inside Curve	100
15782.211	15640.211 15640.211	192.561676	188.30896 188.30896	188.30896 188.30896	100	0.00%	0.00%	165	141	142	140.53084	Not Achieved	Inside Curve Inside Curve	100
15762.211	15640.211	192.27157	188.30896 188.26321	188.30896 188.26321	100	0.00%	0.00%	163	141	122		Not Achieved Not Achieved	Inside Curve Inside Curve	90
15742.211	15636.211	191.63111	188.21682	188.21682	100	0.00%	0.00%	163	141	106	104.44963	Not Achieved	Inside Curve	80
15732.211	15634.211 15630.211	191.35086 191.14028	188.1684 188.07112	188.1684 188.07112	100	0.00%	0.00%	163	141	98		Not Achieved Not Achieved	Inside Curve Inside Curve	70
15712.211	15622.211	190.96857	187.92868	187.92868	100	0.00%	0.00%	165	141	90	88.08256	Not Achieved	Inside Curve	70
15702.211	15612.211 15590.211	190.80492 190.62082	187.77165	187.77165	100	0.00%	0.00%	165	141	90		Not Achieved Not Achieved	Inside Curve Inside Curve	70
15682.211	15532.211	190.38443 190.05993	188.69245 188.69245	188.69245 188.69245	100	0.00%	0.00%	163	141	130	148.08869		Vertical alignment	100
15662.211	15532.211	189.76884	188.69245	188.69245	100	0.00%	0.00%	165	141	130	129.23924	Not Achieved	Vertical alignment Vertical alignment	90
15652.211	15532.211	189.52281 189.26328	188.69245 188.78786	188.69245 188.78786	100	0.00%	0.00%	165	141			Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
15632.211	15534.211	189.01788	188.78786	188.78786	100	0.00%	0.00%	165	141	98	97.90145	Not Achieved	Vertical alignment	70
15622.211	15534.211	188.82868	188.78786 188.78786	188.78786 188.78786	100	0.00%	0.00%	165	141	88		Not Achieved Not Achieved	Vertical alignment Vertical alignment	70
15602.211	15534.211	188.57034	188.78786	188.78786	100	0.00%	0.00%	165	141	68	68	Not Achieved	Vertical alignment	60
15592.211	15534.211	188.55574 188.70423	188.78786 188.78786	188.78786 188.78786	100	0.00%	0.00%	165	141	58		Not Achieved Not Achieved	Vertical alignment Vertical alignment	50
15572.211	15534.211	188.98706 189.30286	188.78786 188.47735	188.78786 188.47735	100	0.00%	0.00%	165	141	38		Not Achieved	Vertical alignment	40 FALSE
15552.211	15528.211 15514.211	189.63847	187.52233	187.52233	100	0.00%	0.00%	165	141	34		Not Achieved Not Achieved	Vertical alignment Vertical alignment	40
15542.211	15377.211	189.84341	184.23888 184.26831	184.23888	100	0.00%	0.00%	163	141	165	163.78111 163.78144			100
15522.211	15357.211	188.99196	184.29671	184.29671	100	0.00%	0.00%	165	141	165	163.85831	Achieved		100
15512.211	15347.211	188.27533	184.26853 184.23022	184.26853	100	0.00%	0.00%	165	141	165	164.00125			100
15492.211	15327.211	186.84688	184.23303	184.23303	100	0.00%	0.00%	165	141	165	164.30725	Achieved		100
15482.211	15317.211	186.34798 186.00934	184.19231 184.09022	184.19231 184.09022	100	0.00%	0.00%	165	141	165	164.25429			100
15462.211	15297.211	185.80869	184.00657	184.00657	100	0.00%	0.00%	165	141	165	163.67105			100
15452.211	15287.211	185.67808	184.03747 184.21603	184.03747 184.21603	100	0.00%	0.00%	165	141		163.21212 162.75677			100
15432.211	15267.211	185.50372	184.50044	184.50044	100	0.00%	0.00%	165	141	165	162.42611 162.2633			100
15412.211	15247.211	185.3856	185.3418	185.3418	100	0.00%	0.00%	165	141	165	162.21855	Achieved		100
15402.211	15237.211	185.24348	185.63311 185.73243	185.63311 185.73243	100	0.00%	0.00%	163	141		162.30903			100
15382.211	15217.211	185.14208	185.73	185.73	100	0.00%	0.00%	165	141		162.77139	Achieved		100
15372.211	15207.211	185.15486	185.71098 185.66221	185.71098 185.66221	100	0.00%	0.00%	165	141	165	163.11601 163.52517			100
15352.211	15187.211	185.19158 185.14295	185.60745	185.60745 185.61066	100	0.00%	0.00%	165	141		163.89293			100
15332.211	15190.211	185.12509	185.61966	185.61966	100	0.00%	0.00%	165	141	142	164.21269 141.48671	Relaxed	Vertical alignment	100
15322.211	15196.211	185.12198 185.0471	185.65654	185.65654	100	0.00%	0.00%	165	141	126		Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
15302.211	15208.211	184.94081	185.71382	185.71382	100	0.00%	0.00%	165	141	94	93.95591	Not Achieved	Vertical alignment	70
15292.211	15212.211	184.91323 185.01258	185.72325	185.72325	100	0.00%	0.00%	165	141	80		Not Achieved Not Achieved	Vertical alignment Vertical alignment	60
15272.211	15204.211		185.69917	185.69917	100	0.00%	0.00%	163	141	68	68.00926	Not Achieved	Vertical alignment	60
15262.211	15136.211 15087.211	186.0392	185.42746 185.15809	185.42746 185.15809	100	0.00%	0.00%	165 165	141 141	165	165	Not Achieved Achieved	Vertical alignment	90
15242.211	15077.211	186.40749	185.10247 185.04738	185.10247 185.04738	100	0.00%	0.00%	165	141	165		Achieved		100
15222.211	15057.211	186.63492	185.06037	185.06037	100	0.00%	0.00%	165	141	165	165.01273	Achieved		100
15212.211	15047.211	186.52325	185.06758 185.06754	185.06758 185.06754	100	0.00%	0.00%	165	141		165.01241 165.01213			100
15192 211	15027.211	186.53118		185.09378 185.07663	100	0.00%	0.00%	163	141		163.0119	Achieved		100
15182.211 15172.211	15007.211	186.50061 186.51132	185.07663 185.04884	185.04884	100	0.00%	0.00%	163 163	141 141	165	165.01172 165.01157	Achieved		100
15162 211	14997.211 14987.211	186.47298 186.43432	185.00541 184.96416	185.00541 184.96416	100	0.00%	0.00%	165	141					100
15142.211	14977.211	186.3648	184.90957	184.90957	100	0.00%	0.00%	165	141	165	165.01142	Achieved		100
15132.211	14967.211 14957.211		184.86598 184.81141	184.86598 184.81141	100	0.00%	0.00%	165	141		165.01146			100
15112.211	14947.211	186.16517	184.77666	184.77666	100	0.00%	0.00%	165	141	165	165.01168	Achieved		100
15102.211	14937.211 14927.211	186.13238	184.749 184.71829	184.749 184.71829	100	0.00%	0.00%	165	141					100
15082.211	14917.211	186.02027	184.71482	184.71482	100	0.00%	0.00%	165	141	165	165.01234	Achieved		100
15072.211	14907.211 14897.211	185.97626 185.94062		184.76129 184.78409	100	0.00% 0.00%	0.00%	165	141		165.01265	Achieved Achieved		100
15052.211	14887.211	185.97657	184.78059 184.81003	184.78039	100	0.00%	0.00%	163	141	165		Achieved		100
15032.211	14877.211 14867.211	185.95989	184.84027	184.81003 184.84027	100	0.00%	0.00%	165	141	165	165	Achieved Achieved		100
15022.211	14857.211 14847.211	185.99028	184.86576 184.90606	184.86576 184.90605	100	0.00%	0.00%	165	141			Achieved Achieved		100
15002.211	14837.211	185.92842	184.92927	184.92927	100	0.00%	0.00%	165	141	165	165	Achieved		100
14992 211	14827.211 14817.211	185.88666	184.93031 184.98982	184.93031 184.98982	100	0.00%	0.00%	165	141			Achieved Achieved		100
14972.211	14807.211	185.78498	185.04311	185.04311	100	0.00%	0.00%	165	141	165	165	Achieved		100
14962.211 14952.211	14797.211 14787.211	185.74289	185.02695 185.02156	185.02695	100	0.00%	0.00%	165	141			Achieved Achieved		100
14942.211	14777.211	185.66448		184.99038	100	0.00%	0.00%	165	141	165	164.99397	Achieved		100
14932.211 14922.211	14767.211 14757.211	185.63231 185.60971	184.933 184.91529	184.933 184.91529	100	0.00%	0.00%	163 163	141 141	165	164.98396 164.96304	Achieved		100
14912.211	14747.211 14737.211	185.64101	184.81857 184.68575	184.81837 184.68375	100	0.00%	0.00%	165	141	165	164.9338	Achieved		100
14892.211	14727.211	185.68232	184.42898	184.42898	100	0.00%	0.00%	165	141	165	164.85847	Achieved		100
14882.211 14872.211	14726.211 14726.211	185.69017	184.39736 184.39736	184.39736 184.39736	100	0.00%	0.00%	163 163	141	156 146	155.83434 145.85522		Vertical alignment Vertical alignment	100
14862.211	14724.211	185.75024	184.32168	184.32168	100	0.00%	0.00%	165	141	138	137.84701	Not Achieved	Vertical alignment	90
14852.211 14842.211	14724.211			184.32168 184.24325	100	0.00%	0.00%	163	141 141			Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
								200						

						Instantaneous		Sight Distance	Sight Distance	Sight Distance	Sight Distance Along			SSD Speed Achieved
Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Grade	Average Grade	Required	Relaxed	Achieved	Sight Line Achieved	Sight Line Status	Obstruction	EDD 2sec RT (km/h)
14832.211 14822.211	14722.211 14720.211	185.82505 185.85644	184.24325 184.16177	184.24325 184.16177	100	0.00%	0.00%	165	141			Not Achieved Not Achieved	Vertical alignment Vertical alignment	8
14812.211 14802.211	14718.211 14716.211	185.92217 185.93832	184.07096 183.98002	184.07096 183.98002	100	0.00%	0.00%	163	141			Not Achieved Not Achieved	Vertical alignment Vertical alignment	7
14792.211	14714.211	185.92477	183.87796	183.87796	100	0.00%	0.00%	165	141	78	77.82076	Not Achieved	Vertical alignment	6
14782.211 14772.211	14710.211 14704.211	185.91374 185.86201	183.67212 183.35932	183.67212 183.35932	100	0.00%	0.00%	165	141			Not Achieved Not Achieved	Vertical alignment Vertical alignment	6
14762.211	14597.211	185.82633 185.77554	180.61064	180.61064	100	0.00%	0.00%	163	141	165	164.73276			10
14/32.211	14587.211 14577.211	185.//504	180.586/	180.586/	100	0.00%	0.00%	165	141		164./83229			10
14732.211 14722.211	14567.211	185.47569	181.02345	181.02345	100	0.00%	0.00%	163	141		164.8749 164.91153	Achieved		10
14712.211	14547.211	184.67355	181.42449	181.42449	100	0.00%	0.00%	165	141	163	164.94274	Achieved		10
14702.211 14692.211	14537.211 14527.211	184.15256 183.61961	181.59187 181.68326	181.59187 181.68326	100	0.00%	0.00%	165	141		164.965	Achieved Achieved		10
14682.211	14517.211	183.17228	181.71926	181.71926	100	0.00%	0.00%	165	141					10
14672.211 14662.211	14507.211 14497.211	182.85576 182.60779	181.75491 181.85665	181.75491 181.85665	100	0.00%	0.00%	165 165	141 141	165	164.98705	Achieved		10
14652.211	14487.211 14477.211	182.38476 182.15041	181.93825 181.98579	181.93825	100	0.00%	0.00%	165	141		164.98709 164.98716			10
14632.211	14467.211	181.94019	181.97801	181.97801	100	0.00%	0.00%	165	141	165	164.98727	Achieved		10
14622.211 14612.211	14457.211 14447.211	181.73666 181.59984	181.9424 181.92471	181.9424 181.92471	100	0.00%	0.00%	165	141		164.98742 164.98761			10
14602.211	14437.211	181.54132	181.93201	181.93201	100	0.00%	0.00%	165	141	165	164.9923	Achieved		10
14592.211 14582.211	14427.211 14417.211	181.47597 181.55545	181.95356 181.97651	181.95356 181.97651	100	0.00%	0.00%	165	141		164.99342 164.99846			10
14572.211	14407.211 14397.211	181.78715	182.05047	182.05047	100	0.00%	0.00%	165	141		165.00035			10
14552.211	14387.211	182.23386	182.24228	182.24228	100	0.00%	0.00%	165	141	165	165.00034	Achieved		10
14542.211	14377.211 14367.211	182.41771 182.54579	182.38867 182.55178	182.38867 182.55178	100	0.00%	0.00%	165	141		165.00252			10
14522.211	14357.211	182.60659	182.68225	182.68225	100	0.00%	0.00%	165	141	165	165.00251	Achieved		10
14512.211 14502.211	14347.211 14337.211	182.63673 182.70462	182.7908 182.90259	182.7908 182.90259	100	0.00%	0.00%	165	141		164.9991 164.99909			10
14492.211	14327.211	182.80268	183.08813	183.08813	100	0.00%	0.00%	163	141		164.99784	Achieved		10
14482.211 14472.211	14317.211 14307.211	182.86394 182.89095	183.29801 183.4791	183.29801 183.4791	100	0.00%	0.00%	165	141 141	165	164.99479 164.99167	Achieved		10
14462.211 14452.211	14297.211 14287.211	182.85994 182.82824	183.66912 183.92425	183.66912 183.92425	100	0.00% 0.00%	0.00%	165	141		164.99373 164.9972			10
14442.211	14277.211	182.82976	184.18045	184.18045	100	0.00%	0.00%	165	141	165	164.99814	Achieved		10
14432.211 14422.211	14267.211 14257.211	182.83747 182.86198	184.39143 184.36956	184.39143 184.36936	100	0.00%	0.00%	165	141					10
14412.211	14247.211	182.90334	184.74862	184.74862	100	0.00%	0.00%	165	141	165	165.00722	Achieved		10
14402.211 14392.211	14237.211 14227.211	183.00304 183.0921	184.8901 185.05113	184.8901 185.05113	100	0.00%	0.00%	165	141		165.00952 165.01172			10
14382.211 14372.211	14217.211	183.20946	185.29005	185.29005	100	0.00%	0.00%	163	141	165	165.01381	Achieved		10
14362.211	14207.211 14197.211	183.37234 183.5242	185.97663	185.6122 185.97663	100	0.00%	0.00%	165	141	165	165.01579 165.0383			10
14352.211	14187.211	183.63873 183.73766	186.35845	186.35845	100	0.00%	0.00%	165	141	165	165.06191	Achieved		10
14342.211 14332.211	14177.211 14167.211	183.88946	186.97979	186.97979	100	0.00%	0.00%	165	141		165.08177 165.08931			10
14322.211	14157.211	184.09562 184.29041	187.21192	187.21192	100	0.00%	0.00%	165	141		165.08978 165.08089			10
14302.211	14147.211	184.47341	187.33294	187.33294	100	0.00%	0.00%	165	141	165				10
14292.211 14282.211	14138.211 14136.211	184.69712 184.95249	187.33461 187.33128	187.33461 187.33128	100	0.00%	0.00%	165	141		154.06965		Vertical alignment Vertical alignment	10
14272.211	14136.211	185.18931	187.33128	187.33128	100	0.00%	0.00%	163	141	136	136.07537	Not Achieved	Vertical alignment	9
14262.211	14134.211 14134.211	185.38229	187.33576 187.33576	187.33576	100	0.00%	0.00%	165	141			Not Achieved Not Achieved	Vertical alignment Vertical alignment	9
14242.211	14134.211	185.72518	187.33576	187.33576	100	0.00%	0.00%	165	141			Not Achieved	Vertical alignment	8
14232.211 14222.211	14136.211 14134.211	185.86405 186.05404	187.33128 187.33576	187.33128 187.33576	100	0.00%	0.00%	165	141			Not Achieved Not Achieved	Vertical alignment Vertical alignment	7
14212.211 14202.211	14124.211 14078.211	186.3473 186.69396	187.38772 187.45968	187.38772	100	0.00%	0.00%	163	141			Not Achieved Not Achieved	Vertical alignment Vertical alignment	7
14192.211	14066.211	187.06616	187.37593	187.37593	100	0.00%	0.00%	165	141	126	126.03585	Not Achieved	Vertical alignment	9
14182.211 14172.211	14060.211 14056.211	187.42891 187.73313	187.28068 187.19745	187.28068 187.19745	100	0.00%	0.00%	165	141			Not Achieved Not Achieved	Vertical alignment Vertical alignment	9
14162.211	14048.211	188.01689 188.18587	187.06482 186.8842	187.06482 186.8842	100	0.00%	0.00%	163	141	114	114.10159	Not Achieved	Vertical alignment	8
14152.211 14142.211	14038.211 13977.211	188.1838/	186.8842	186.8842	100	0.00%	0.00%	165	141		114.11297 165.0701	Not Achieved Achieved	Vertical alignment	10
14132.211 14122.211	13967.211	188.24537 188.28875	186.36339 186.27803	186.56539 186.27805	100	0.00%	0.00%	165	141		164.86822			10
14112.211	13950.211	188.31626	185.99323	185.99323	100	0.00%	0.00%	165	141	162	161.29707	Relaxed	Inside Curve	10
14102.211 14092.211	13948.211 13946.211	188.34739 188.36394	185.8966	185.8966	100	0.00%	0.00%	165	141		153.25326		Inside Curve Inside Curve	10
14082.211	13944.211	188.36289	185.70128	185.70128	100	0.00%	0.00%	165	141	138	137.18568	Not Achieved	Inside Curve	9
14072.211 14062.211	13942.211 13938.211	188.32632 188.21427	185.60054 185.39546	185.60054 185.39546	100	0.00%	0.00%	163 163	141 141	124	123.10759	Not Achieved Not Achieved	Inside Curve Inside Curve	9
14052.211 14042.211	13934.211 13930.211	188.03265 187.85781	185.18435 184.96963	185.18435 184.96963	100	0.00% 0.00%	0.00%	163 163	141			Not Achieved Not Achieved	Inside Curve Inside Curve	8
14032.211	13924.211	187.68728	184.66749	184.66749	100	0.00%	0.00%	165	141	108	107.01971	Not Achieved	Inside Curve	8
14022.211 14012.211	13916.211 13904.211	187.61398 187.61302	184.31502 183.87856	184.31502 183.87856	100	0.00%	0.00%	165	141			Not Achieved Not Achieved	Inside Curve Inside Curve	8
14002.211	13880.211	187.68751	183.502 183.7616	183.502	100	0.00%	0.00%	163	141	122	120.90209	Not Achieved Achieved	Inside Curve	9
13992.211 13982.211	13827.211 13817.211	187.72539	183.77391	183.7616 183.77391	100	0.00%	0.00%	165	141 141	165	164.1697	Achieved		10
13972.211 13962.211	13807.211 13797.211	187.37918 187.3334	183.77032 183.75902	183.77032 183.75902	100	0.00% 0.00%	0.00%	163 163	141	165	164.53441	Achieved		10
13952.211	13787.211	186.98237	183.75351	183.75351	100	0.00%	0.00%	165	141	165	164.98727	Achieved		10
13942.211 13932.211	13777.211 13767.211	186.50054 185.97692	183.78119 183.82887	183.78119 183.82887	100	0.00%	0.00%	165	141					10
13922.211	13757.211	185.47411	183.91614	183.91614	100	0.00%	0.00%	165	141	165	165.10925	Achieved		10
13912.211 13902.211	13747.211 13737.211	185.05689 184.7232	183.98952 184.05106	183.98952 184.05106	100	0.00%	0.00%	165	141			Achieved Achieved		10
13892.211 13882.211	13727.211	184.50932	183.99429 183.87254	183.99429	100	0.00%	0.00%	163	141	165	165.13281 165.13447	Achieved		10
13872.211	13717.211 13714.211	184.43018	183.83644	183.87254 183.83644	100	0.00%	0.00%	165	141 141	158	158.12098	Relaxed	Vertical alignment	10
13862.211	13712.211	184.49273 184.57881	183.80807 183.74831	183.80807 183.74831	100	0.00%	0.00%	165	141	150	150.11283 144.10398		Vertical alignment Vertical alignment	10
13842.211	13706.211	184.63974	183.71698	183.71698	100	0.00%	0.00%	165	141	136	136.0996	Not Achieved	Vertical alignment	9
13832.211 13822.211	13704.211 13698.211	184.65494 184.67635	183.68368 183.59173	183.68368 183.59173	100	0.00%	0.00%	163 163	141 141			Not Achieved Not Achieved	Vertical alignment Vertical alignment	9
13812.211	13647.211	184.67131	183.70291	183.70291	100	0.00%	0.00%	165	141	165	164.55721	Achieved		10
13802.211 13792.211	13637.211 13627.211	184.66536 184.65401	183.84866 184.02733	183.84866 184.02733	100	0.00% 0.00%	0.00%	165	141					10
13782.211	13617.211	184.66511	184.2296	184.2296	100	0.00%	0.00%	165	141	165	164.57551	Achieved		10
13772.211 13762.211	13607.211 13597.211	184.69681 184.77073	184.43772 184.65477	184.43772 184.65477	100	0.00% 0.00%	0.00%	165	141		164.64645 164.75434			10
13752.211	13587.211	184.858	184.85244	184.85244	100	0.00%	0.00%	165	141	165	164.89164	Achieved		10
13742.211 13732.211	13577.211 13567.211	184.92125 184.94413	185.04928 185.18249	185.04928 185.18249	100	0.00%	0.00%	165	141					10
13722.211 13712.211	13557.211 13547.211	184.8319 184.70807	185.19573 185.10059	185.19573 185.10059	100	0.00%	0.00%	165	141	165	164.66949	Achieved		10
13702.211	13537.211	184.55071	184.99607	184.99607	100	0.00%	0.00%	165	141	165	163.27218	Achieved		10
13692.211 13682.211	13527.211 13517.211	184.4232 184.40017	184.98471 185.0224	184.98471 185.0224	100	0.00%	0.00%	163	141					10
13672.211	13507.211	184.40415	185.08021	185.08021	100	0.00%	0.00%	165	141	165	159.16638	Achieved		10
13662.211	13497.211 13487.211	184.44235 184.53719	185.23035 185.38666	185.23035 185.38666	100	0.00%	0.00%	165	141			Achieved Achieved		10
13652 211					200									
13652.211 13642.211 13632.211	13477.211	184.6726	185.55567 185.69591	185.55567	100	0.00%	0.00%	165	141			Achieved		

Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous	Average Grade	Sight Distance	Sight Distance	Sight Distance	Sight Distance Along	Sight Line Status	Obstruction	SSD Speed Achieved
13622.211	13457.211	185.02545	185.79064	185.79064	100	Grade 0.00%	0.00%	Required 163	Relaxed 141	Achieved 165	Sight Line Achieved 157.27636	-		EDD 2sec RT (km/h) 100
13612.211 13602.211	13447.211 13437.211	185.23249	185.86078 185.89183	185.86078 185.89183	100	0.00%	0.00%	165	141 141		158.13957 159.04935			10
13592.211 13582.211	13427.211	185.65649	185.84532 185.72279	185.84532	100	0.00%	0.00%	165	141	165	159.81432	Achieved		10
13572.211	13417.211 13407.211	186.03216	185.50678	185.72279 185.50678	100	0.00%	0.00%	165	141 141	165	160.47821 161.06354	Achieved		10
13562.211 13552.211	13412.211 13416.211	186.10297 186.05662	185.6254 185.70561	185.6254 185.70561	100	0.00%	0.00%	165	141	150	147.10392 133.8361	Relaxed Not Achieved	Vertical alignment Vertical alignment	10
13542.211	13418.211 13418.211	185.94183	185.74015	185.74015	100	0.00%	0.00%	165	141 141			Not Achieved Not Achieved	Vertical alignment Vertical alignment	9
13522.211	13418.211	185.90786	185.74015	185.74015 185.6254	100	0.00%	0.00%	165	141	104	102.62385	Not Achieved	Vertical alignment	8
13502.211	13412.211 13404.211	186.04854	185.42605	185.42603	100	0.00%	0.00%	165	141 141	98	96.499	Not Achieved Not Achieved	Vertical alignment Vertical alignment	7
13492.211 13482.211	13400.211 13398.211	186.21042 186.36926	185.29212 185.21921	185.29212 185.21921	100	0.00%	0.00%	165	141			Not Achieved	Vertical alignment Vertical alignment	7
13472.211 13462.211	13396.211	186.53084	185.14482 184.9914	185.14482 184.9914	100	0.00%	0.00%	165	141	76		Not Achieved Not Achieved	Vertical alignment Vertical alignment	
13452.211	13384.211 13372.211	186.73035 186.78584	184.67728 184.13592	184.67728 184.13592	100	0.00%	0.00%	165	141	68	68.18645	Not Achieved	Vertical alignment	
13432.211	13360.211	186.78029	183.41936	183.41936	100	0.00%	0.00%	165	141	72	72.14738	Not Achieved	Vertical alignment Vertical alignment	
13422.211 13412.211	13257.211 13247.211	186.6947	182.57947 182.41288	182.57947 182.41288	100	0.00%	0.00%	165	141			Achieved Achieved		10
13402.211 13392.211	13237.211 13227.211	186.25875 185.8914	182.24635 182.01595	182.24635 182.01595	100	0.00%	0.00%	165	141 141		162.42729 160.97798			10
13382.211	13217.211	185.49266	181.64734	181.64734	100	0.00%	0.00%	165	141	165	159.15262	Achieved		10
13372.211 13362.211	13207.211 13197.211	185.03592 184.43522	181.19442 180.72933	181.19442 180.72933	100	0.00%	0.00%	165	141 141			Achieved		10
13352.211 13342.211	13187.211 13177.211	183.86046 183.47952	180.26667 179.81304	180.26667 179.81304	100	0.00%	0.00%	165	141	165	154.42298			10
13332.211 13322.211	13167.211	183.29515 183.32563	179.3495 178.99667	179.3495 178.99667	100	0.00%	0.00%	165	141 141		153.07784 153.11016			10
13312.211	13147.211	183.43172	178.64205	178.64203	100	0.00%	0.00%	165	141	165	153.6392	Achieved		10
13302.211 13292.211	13137.211 13127.211		178.32592 178.08337	178.32592 178.08337	100	0.00%	0.00%	165	141 141	165	154.64469 156.01181	Achieved		10
13282.211 13272.211	13117.211 13107.211	183.66569	177.89095	177.89095 177.75148	100	0.00%	0.00%	165	141		157.69839			10
13262.211	13097.211	183.54178	177.63548	177.63548	100	0.00%	0.00%	165	141 141		161.33999			10
13242.211	13077.211	183.2314	177.44239	177.44239	100	0.00%	0.00%	165	141	165	163.63069	Achieved		10
13232.211 13222.211	13067.211 13057.211	183.03946 182.76202	177.30475 177.12934	177.30475 177.12934	100	0.00% 0.00%	0.00%	165	141 141	165	164.27361 164.66638			10
13212.211	13047.211 13037.211	182.31805	176.95987 176.84832	176.95987 176.84832	100	0.00%	0.00%	165	141	165	164.84484 164.90609			10
13192.211	13027.211		176.81742	176.81742	100	0.00%	0.00%	165	141 141 141	165	164.95557	Achieved		10
13172.211	13007.211	180.46406	176.90271	176.90271	100	0.00%	0.00%	165	141	165	165.00901	Achieved		10
13162.211 13152.211	12997.211 12987.211	180.07281 179.71974	176.97917 177.02347	176.97917 177.02347	100	0.00%	0.00%	165	141		165.01376			10
13142.211 13132.211	12977.211	179.37432 179.09814	177.06805	177.06805	100	0.00%	0.00%	165	141 141	165	165.01713	Achieved		10
13122.211	12967.211 12957.211	178.87589	177.0919	177.07296 177.0919	100	0.00%	0.00%	165	141	165	165.01672 165.01641	Achieved		10
13112.211 13102.211	12947.211 12937.211	178.71639 178.58971	177.03114 176.94797	177.03114 176.94797	100	0.00%	0.00%	165	141			Achieved Achieved		10
13092.211 13082.211	12927.211 12917.211	178.48482	176.83429	176.83429 176.71422	100	0.00%	0.00%	163	141 141	165	163.01609 163.01619	Achieved		10
13072.211	12907.211	178.28238	176.63938	176.63938	100	0.00%	0.00%	165	141	165	165.01638	Achieved		10
13062.211 13052.211	12897.211 12887.211	178.12016	176.37049	176.57049	100	0.00%	0.00%	165	141	165	165.01668 165.01708			10
13042.211 13032.211	12877.211 12867.211	177.78884	176.39705	176.39705 176.33861	100	0.00%	0.00%	165	141		165.01758			10
13022.211 13012.211	12857.211 12847.211	177.72095 177.76188	176.27248 176.16397	176.27248 176.16397	100	0.00%	0.00%	165	141 141	165	165.01928 165.01643	Achieved		10
13002.211	12837.211	177.85079	176.02772	176.02772	100	0.00%	0.00%	165	141	165	165.01718	Achieved		10
12992.211 12982.211	12827.211 12817.211	177.89628	175.89886 175.75893	175.89886 175.75893	100	0.00%	0.00%	165	141	165	165.02367			10
12972.211	12807.211	177.97303	175.60552	175.60552	100	0.00%	0.00%	165	141	165	165.02273 165.02197			10
12952.211	12787.211	177.97261	175.27079 175.12423	175.27079 175.12423	100	0.00%	0.00%	165	141	165	165.02139			10
12932.211	12767.211	177.79945	174.98822	174.98822	100	0.00%	0.00%	165	141	165	165.02079	Achieved		10
12922.211 12912.211	12757.211 12747.211	177.66611 177.57237	174.90427 174.81801	174.90427 174.81801	100	0.00%	0.00%	165	141	165	165.02076			10
12902.211 12892.211	12737.211	177.50698	174.73816 174.63614	174.73816 174.63614	100	0.00%	0.00%	165	141	165	165.03988 165.05562			10
12882.211	12717.211	177.33514	174.43718	174.43718	100	0.00%	0.00%	165	141	165	165.0691	Achieved		10
12872.211 12862.211	12707.211 12704.211	177.26906	174.10667 173.99685	174.10667 173.99685	100	0.00%	0.00%	165	141 141	165	165.07995		Vertical alignment	10
12852.211	12704.211	177.12775	173.99685 173.91791	173.99685 173.91791	100	0.00%	0.00%	165	141	148	148.08028	Relaxed Not Achieved	Vertical alignment Vertical alignment	10
12832.211	12702.211	176.86443	173.91791	173.91791	100	0.00%	0.00%	165	141	130	130.06947	Not Achieved	Vertical alignment	9
12822.211 12812.211	12702.211 12700.211	176.58345	173.91791 173.83903	173.91791 173.83903	100	0.00%	0.00%	165 165	141 141	112	112.06758	Not Achieved Not Achieved	Vertical alignment Vertical alignment	8
12802.211 12792.211	12698.211 12696.211	176.42036 176.24612	173.76121 173.68366	173.76121 173.68366	100	0.00%	0.00%	165	141 141			Not Achieved Not Achieved	Vertical alignment Vertical alignment	<u>د</u>
12782.211 12772.211	12692.211 12686.211	176.09745	173.52099 173.28017	173.52099 173.28017	100	0.00%	0.00%	165	141	90	90.07742	Not Achieved Not Achieved	Vertical alignment Vertical alignment	1
12762.211	12597.211			172.01056	100	0.00%		165	141	165	164.93401	Achieved		10
12742.211	12577.211	175.67497	171.90647	171.90647	100	0.00%	0.00%	165	141	165	164.62527	Achieved		10
12732.211 12722.211	12567.211	175.59673 175.45304	171.7729	171.84092 171.7729	100	0.00% 0.00%	0.00%	165	141 141					10
12712.211 12702.211	12547.211	175.18218	171.76089	171.76089	100	0.00%	0.00%	165	141	165	163.13505			10
12692.211	12527.211	174.42099	171.70629	171.70629	100	0.00%	0.00%	165	141	165	161.48132	Achieved		1
12682.211 12672.211	12517.211 12507.211	173.72577	171.67834 171.63968	171.67834 171.63968	100	0.00%	0.00%	165	141	165	160.23879	Achieved		10
12662.211 12652.211	12497.211 12487.211	173.50554 173.31156	171.61434 171.57839	171.61434 171.57839	100	0.00%	0.00%	165						10
12642.211	12477.211	173.14622	171.54552	171.54552	100	0.00%	0.00%	165	141	165	159.86632	Achieved		10
12632.211 12622.211	12467.211 12457.211	173.04756 172.98157	171.56435 171.56953	171.56435 171.56953	100	0.00%	0.00%	165	141 141	165	160.14361 160.61203	Achieved		10
12612.211 12602.211	12447.211 12437.211	172.92606	171.63327 171.74009	171.63327 171.74009	100	0.00%	0.00%	165	141	165	162.07954			10
12592.211	12427.211 12417.211	172.89281	171.89216 172.05879	171.89216 172.05879	100	0.00%	0.00%	165	141	165	162.89542	Achieved		10
12572.211	12407.211	172.77443	172.23059	172.23059	100	0.00%	0.00%	165	141	165	164.09288	Achieved		10
12562.211 12552.211	12397.211 12387.211	172.70073	172.40343 172.56599	172.40343 172.56599	100	0.00%	0.00%	165	141					10
12542.211	12377.211			172.73954 172.91716	100	0.00%	0.00%	165	141	165	164.88732	Achieved		1
12522.211	12357.211	172.59779	173.06315	173.06315	100	0.00%	0.00%	165	141	165	163.0119	Achieved		1
12512.211 12502.211	12347.211 12337.211	172.52558	173.03874	173.0959 173.03874	100	0.00%	0.00%	165	141 141	165		Achieved		10
12492.211 12482.211	12328.211 12330.211	172.4997 172.45775	172.98867 172.99765	172.98867 172.99765	100	0.00%	0.00%	165	141 141			Relaxed	Vertical alignment Vertical alignment	1
12472.211	12332.211	172.45289	173.00745	173.00745	100	0.00%	0.00%	165	141	140	140.01162	Not Achieved	Vertical alignment	9
12452.211	12332.211	172.49142	173.00745	173.00745	100	0.00%	0.00%	165	141	120	120.01167	Not Achieved Not Achieved	Vertical alignment Vertical alignment	
12442.211 12432.211	12330.211 12326.211	172.58424 172.71077	172.99765 172.98076	172.99765 172.98076	100	0.00%	0.00%	165	141	106	106.01165	Not Achieved Not Achieved	Vertical alignment Vertical alignment	
12422.211					100	0.00%							Vertical alignment	

Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous	Average Grade	Sight Distance	Sight Distance	Sight Distance	Sight Distance Along	Sight Line Status	Obstruction	SSD Speed Achieved
12412.211	12252.211	173.04597	172.7207	172.7207	100	Grade 0.00%	0.00%	Required 163	Relaxed 141	Achieved 160	Sight Line Achieved 160.01666		Vertical alignment	EDD 2sec RT (km/h) 100
12402.211 12392.211	12237.211 12227.211	173.21532 173.38777	172.65091 172.6114	172.65091 172.6114	100	0.00%	0.00%	165	141 141		165.01668 165.01687			100
12382.211	12217.211	173.54921	172.55207	172.55207	100	0.00%	0.00%	165	141	165	165.01714	Achieved		100
12372.211 12362.211	12207.211 12197.211	173.90199	172.47686 172.36456	172.47686 172.36456	100	0.00%	0.00%	165	141 141	165	165.01714 165.00731	Achieved		100
12352.211 12342.211	12187.211 12177.211	174.00417 173.96897	172.19379	172.19379 171.96864	100	0.00%	0.00%	165	141	165	165.00523			100
12332.211	12174.211 12172.211	173.90745 173.86172	171.89173 171.83814	171.89173 171.83814	100	0.00%	0.00%	165	141		158.00526	Relaxed	Vertical alignment	100
12312.211	12172.211	173.79433	171.83814	171.83814	100	0.00%	0.00%	165	141	140	140.00531	Not Achieved	Vertical alignment Vertical alignment	90
12302.211 12292.211	12170.211 12168.211	173.73736 173.70353	171.78235	171.78235	100	0.00%	0.00%	165	141	132		Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
12282.211 12272.211	12164.211 12160.211	173.69717 173.672	171.60744 171.48392	171.60744 171.48392	100	0.00%	0.00%	165	141 141			Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
12262.211	12154.211	173.65225	171.29391	171.29391	100	0.00%	0.00%	165	141	108	108	Not Achieved	Vertical alignment	80
12252.211 12242.211	12077.211	173.6207 173.56954	170.86351 169.2204	170.86351 169.2204	100	0.00%	0.00%	165	141 141		165.00277		Vertical alignment	80
12232.211 12222.211	12067.211	173.53446 173.4829	169.02678 168.88378	169.02678 168.88378	100	0.00%	0.00%	165	141					100
12212.211	12047.211	173.41803 173.33133	168.7946 168.69823	168.7946 168.69823	100	0.00%	0.00%	165	141		165.00275 165.00275			100
12192.211	12027.211	173.18936	168.60615	168.60615	100	0.00%	0.00%	165	141	165	165.00274	Achieved		100
12182.211 12172.211	12017.211 12007.211	172.99121 172.73814	168.54208 168.47029	168.54208 168.47029	100	0.00%	0.00%	165	141		165.00275			100
12162.211	11997.211 11987.211	172.44666	168.41208 168.3627	168.41208 168.3627	100	0.00% 0.00%	0.00%	165	141	165	165.00276			100
12142.211	11977.211	171.82122	168.31141	168.31141	100	0.00%	0.00%	165	141		164.99548	Achieved		100
12132.211 12122.211	11967.211 11957.211	171.53493 171.23224	168.30545 168.3043	168.30545 168.3043	100	0.00%	0.00%	165	141 141		164.99532	Achieved Achieved		100
12112.211 12102.211	11947.211 11937.211	170.94462	168.32364 168.40481	168.32364 168.40481	100	0.00%	0.00%	165	141	165	164.99481 164.99237			100
12092.211	11927.211	170.45365	168.46915	168.46915	100	0.00%	0.00%	165	141	165	164.99233	Achieved		100
12082.211 12072.211	11917.211 11907.211	170.02205	168.49967 168.32545	168.49967 168.52545	100	0.00%	0.00%	165		165	164.99229 164.99228	Achieved		100
12062.211 12052.211	11897.211 11887.211		168.56936 168.62834	168.56936 168.62834	100	0.00%	0.00%	165	141 141		164.99227 164.99228	Achieved		100
12042.211 12032.211	11877.211 11867.211	169.63013 169.34912	168.67334 168.65666	168.67334 168.65666	100	0.00%	0.00%	165	141	165	164.99231	Achieved		100
12022.211	11857.211	169.46958	168.60188	168.60188	100	0.00%	0.00%	165	141	165	164.9924	Achieved		100
12012.211 12002.211	11847.211 11837.211	169.41061 169.33178	168.5354 168.468	168.5354 168.468	100	0.00%	0.00%	165	141 141	165	164.99247 164.99262			100
11992.211 11982.211	11827.211 11817.211	169.29339	168.3988 168.33602	168.3988 168.33602	100	0.00%	0.00%	165	141	165	164.99529	Achieved		100
11972.211	11807.211	169.20553	168.26818	168.26818	100	0.00%	0.00%	165	141	165	165.00261	Achieved		100
11962.211 11952.211	11797.211 11787.211	169.20119	168.20635 168.1459	168.20635 168.1459	100	0.00%	0.00%	165	141 141	165	165.00259			100
11942.211 11932.211	11777.211 11767.211	169.26223 169.34273	168.09687	168.09687 168.06995	100	0.00%	0.00%	165	141 141		165.00259 165.00259			100
11922.211	11757.211	169.39083	168.04274	168.04274	100	0.00%	0.00%	165	141	165	165.00258	Achieved		100
11912.211 11902.211	11747.211 11737.211	169.40373	168.00575 167.92371	168.00575 167.92371	100	0.00%	0.00%	165	141	165	165.00258			100
11892.211 11882.211	11727.211 11717.211	169.49938	167.84926	167.84926 167.75627	100	0.00%	0.00%	165	141		165.00259			100
11872.211	11707.211	169.57247	167.6513	167.6513	100	0.00%	0.00%	165	141	165	163.0026	Achieved		100
11862.211 11852.211	11697.211 11687.211	169.53461 169.46583	167.55241 167.47258	167.55241 167.47258	100	0.00%	0.00%	165	141	165	165.00261	Achieved		100
11842.211 11832.211	11677.211 11667.211	169.40047	167.39002 167.29259	167.39002 167.29259	100	0.00%	0.00%	165	141 141		165.00281 165.00018			100
11822.211	11657.211	169.26913	167.17626	167.17626	100	0.00%	0.00%	165	141	165	165.00018	Achieved		100
11812.211 11802.211	11647.211 11637.211	169.13656	167.04458 166.90024	167.04438 166.90024	100	0.00%	0.00%	165	141 141	165	165.00018	Achieved		100
11792.211 11782.211	11627.211 11617.211	169.07694	166.75189 166.61111	166.75189 166.61111	100	0.00%	0.00%	165	141	165				100
11772.211 11762.211	11607.211 11597.211	168.98288 168.95536	166.47239 166.34315	166.47239 166.34315	100	0.00%	0.00%	165	141	165	165.00018	Achieved		100
11752.211	11587.211	168.92997	166.23556	166.23556	100	0.00%	0.00%	165	141	165	165.00018	Achieved		100
11742.211 11732.211	11577.211 11567.211	168.86666	166.13381 166.02303	166.13381 166.02303	100	0.00%	0.00%	165	141		165.00018			100
11722.211 11712.211	11557.211	168.70632	165.92139	165.92139 165.82239	100	0.00%	0.00%	165	141 141		165.00018 165.00018			100
11702.211 11692.211	11537.211 11527.211	168.5009 168.40924	165.71948 165.60664	165.71948 165.60664	100	0.00%	0.00%	165	141	165	165.00018 165.00018	Achieved		100
11692.211	11527.211	168.33301	165.49136	165.49136	100	0.00%	0.00%	165	141 141	165		Achieved		100
11672.211 11662.211	11507.211 11497.211	168.2442	165.37117 165.25437	165.37117 165.25437	100	0.00%	0.00%	165	141	165	164.99922 164.99621			100
11652.211 11642.211	11487.211	168.01306	165.13652 165.02064	165.13652 165.02064	100	0.00%	0.00%	165	141	165	164.99315	Achieved		100
11632.211	11467.211	167.7245	164.90951	164.90951	100	0.00%	0.00%	165	141	165	164.99721	Achieved		100
11622.211 11612.211	11457.211 11447.211	167.5801	164.82737 164.75523	164.82737 164.75523	100	0.00%	0.00%	165	141		164.99721 164.99721			100
11602.211 11592.211	11437.211 11427.211	167.30699	164.69764 164.63602	164.69764 164.63602	100	0.00% 0.00%	0.00%	165	141	165	164.99721	Achieved		100
11582.211	11417.211	167.08839	164.59218	164.59218	100	0.00%	0.00%	165	141	165	164.99721	Achieved		100
11572.211 11562.211	11407.211 11397.211			164.38088 164.60403	100	0.00%	0.00%	165	141	165	164.99722	Achieved		100
11552.211 11542.211			164.63807 164.68982	164.63807 164.68982	100	0.00%	0.00%	165	141	165	164.99723	Achieved		100
11532.211	11367.211	166.56429	164.76411	164.76411	100	0.00%	0.00%	165	141	165	164.99726	Achieved		100
11522.211 11512.211	11357.211 11347.211	166.33019	164.84263 164.97043	164.84263 164.97043	100	0.00%	0.00%	165	141	165	164.9667	Achieved		100
11502.211 11492.211	11337.211 11327.211		165.15156 165.39714	165.15156 165.39714	100	0.00%	0.00%	165	141 141			Achieved Achieved		100
11482.211 11472.211	11317.211	165.98074		165.70207 166.05812	100	0.00%			141	165	164.72747	Achieved		100
11462.211	11297.211	165.76951	166.41633	166.41633	100	0.00%	0.00%	165	141	165	164.28241	Achieved		100
11452.211 11442.211	11287.211 11277.211	165.68807	166.78586 167.10755	166.78386 167.10755	100	0.00%	0.00%	165	141					100
11432.211	11267.211	165.5675	167.38339	167.38339	100	0.00%		165	141	165	163.08355	Achieved		100
11422.211 11412.211	11257.211 11247.211	165.48161	167.6279 167.83705	167.6279 167.83705	100	0.00%	0.00%	165	141 141	165	162.32574	Achieved		100
11402.211 11392.211	11237.211 11227.211	165.48923	168.02306 168.2121	168.02306 168.2121	100	0.00%	0.00%	165	141		162.10069 161.98446			100
11382.211 11372.211	11217.211	165.55585	168.4401 168.67996	168.4401 168.67996	100	0.00%	0.00%	165	141	165	161.97729	Achieved		100
11362.211	11197.211	165.70015	168.91868	168.91868	100	0.00%	0.00%	165	141	165	162.29084	Achieved		100
11352.211 11342.211	11187.211 11177.211	165.79829	169.20791 169.54702	169.20791 169.54702	100	0.00% 0.00%	0.00%	165	141		162.61003 163.0029	Achieved Achieved		100
11332.211 11322.211		166.16344	169.877 170.17723	169.877 170.17723	100	0.00%	0.00%	165	141	165	163.42636	Achieved		100
11312.211	11147.211	166.77741	170.47385	170.47385	100	0.00%	0.00%	165	141	165	164.19816	Achieved		100
11302.211 11292.211	11137.211 11127.211		170.78211 171.10224	170.78211 171.10224	100	0.00% 0.00%	0.00%	165	141 141			Achieved Achieved		100
11282.211	11117.211	167.85443 168.15131	171.42555 171.78696	171.42555	100	0.00%	0.00%	165	141	165	164.83448	Achieved		100
11272.211 11262.211	11097.211	168.4084	172.17173	171.78696 172.17173	100	0.00%	0.00%	165	141	165	164.9759	Achieved		100
11252.211 11242.211		168.83394		172.54812 172.8871	100	0.00%	0.00%	165	141	165		Achieved		100
11232.211 11222.211				173.20137 173.49964	100	0.00%	0.00%	165		165	165.00713	Achieved		100
11212.211				173.81482	100	0.00%								100

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							Grade 0.00%	-	Required 165	Relaxed 141	Achieved 163	Sight Line Achieved 165.00693	-		EDD 2sec RT (km/h) 100
	11192.211	11027.211	169.95283	174.4645	174.4643	100	0.00%	0.00%	165	141	165	165.00689	Achieved		100
						100			165	141	165	165.00686	Achieved		100
															100
	11142 211	10977.211	171.52505	176.23247	176.23247	100	0.00%	0.00%	165	141	165	165.01517	Achieved		100
															100
Disp Disp< Disp< D					177.40028										100
	11092 211	10927.211	173.26503	178.1272	178.1272	100	0.00%	0.00%	165	141	165	165.11362	Achieved		100
															100
	11062.211	10897.211	174.25186	178.93254	178.93254	100	0.00%	0.00%	165	141	165	165.02114	Achieved		100
															100
															100
mb mb<	11012 211	10850.211	175.84609	179.45061	179.45061	100	0.00%	0.00%	165	141	162	161.36491	Relaxed		100
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														Vertical alignment	90
															90
••••••••••••••••••••••••••••••••••••		10834.211	178.10294						165	141		117.82146	Not Achieved		80
															80
MBD31MBD3MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30MD30															80
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···································	10822.211	10684.211	180.16705	176.18919	176.18919	100	0.00%	0.00%	165	141	138	137.82111	Not Achieved	Vertical alignment	90
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1992.11 1984.24 194.2620 197.297 199 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05				175.04134							70	70.01168			60
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1007111107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107071107															60 100
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1982.131974.2731974.2731974.2731974.2731974.2731974.2731974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.2741974.27															90
1907.213 0.02,814 0.02,815 0.02,91 0.03 0.03 0.04 0.04 0.04 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 </td <td>10392.211</td> <td>10264.211</td> <td>174.42791</td> <td>169.06202</td> <td>169.06202</td> <td>100</td> <td>0.00%</td> <td>0.00%</td> <td>165</td> <td>141</td> <td>128</td> <td>128.10535</td> <td>Not Achieved</td> <td>Vertical alignment</td> <td>90</td>	10392.211	10264.211	174.42791	169.06202	169.06202	100	0.00%	0.00%	165	141	128	128.10535	Not Achieved	Vertical alignment	90
1982.2130.017.2140.73.8680.53.7730.03.73730.03.73730.03.73730.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.73330.04.7333 <t< td=""><td></td><td></td><td>173.89244</td><td></td><td></td><td>100</td><td>0.00%</td><td>0.00%</td><td>165</td><td>141</td><td>118</td><td>118.1144</td><td>Not Achieved</td><td></td><td>90</td></t<>			173.89244			100	0.00%	0.00%	165	141	118	118.1144	Not Achieved		90
1982.213 0.07.213 173.093 164.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33 64.78.33															100
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101211 1014/211 171.282 168.887 169.827 100 0.005 0.005 145 144 155 164.9101 Animed 0.00 1002211 10127211 171.3029 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895 163.3895															100
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1007211 1072213 1072213 10242273 100 0.05 0.05 145 145 150053 Animed 0.05 1022211 10072131 1582497 1522483 16212633 100 0.05 0.05 161 155 164 155 1644 155 16449333 Animed 0.05 0.05 1022211 1007711 168256 161735 100 0.05 0.05 161 141 165 1643978 Animed 0.05 1022211 1007711 1650579443 1617358 100 0.05 0.05 164 165 164.9772 Animed 0.05 0.05 100 165 144 165 164.5072 Animed 0.05 0.05 161 1615 164.5094 161.5026 100 100 100 0.05 0.05 161 165 164.503 161.5026 100 100 100 0.05 0.05 161 165 164.515 164.515 16				163.08839	163.08839	100	0.00%	0.00%	165	141	165	164.98806	Achieved		100
10082.213 10097.213 1549.847 152.4093 100 0.00h 0.00h 155 143 155 144.9226 Animest 10 10232.213 10097.214 158.8456 151.9732 151.858.855 151.9732 151.858.855 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 151.9732 <td< td=""><td>10282.211</td><td>10117.211</td><td>170.92106</td><td>162.84302</td><td>162.84302</td><td>100</td><td>0.00%</td><td>0.00%</td><td>165</td><td>141</td><td>165</td><td>165.0007</td><td>Achieved</td><td></td><td>100</td></td<>	10282.211	10117.211	170.92106	162.84302	162.84302	100	0.00%	0.00%	165	141	165	165.0007	Achieved		100
101042215 1007211 1958555 19519735 100 0.0h 0.0h 1050 1145 1151 11543776 Animeer 1010 10222215 10077215 15573643 1513755 1513755 100 0.0h 0.0h 155 144 155 1543772 Animed 101 10222151 100072151 1573943 1513953 1513953 100 0.0h 0.0h 155 144 155 1543772 Animed 101 101 1002211 10037211 1554595 15113821 100 0.0h 0.0h 155 144 155 15449764 Animed 101 101 154595 1511995 100 0.0h 0.0h 155 144 155 1545976 151 145 1545976 151 145 1545977 100 0.0h 155 144 155 1459717 100 100 155 144 155 1459717 101 100 100 100<	10262.211	10097.211	169.8437	162.40913	162.40913	100	0.00%	0.00%	165	141	165	164.99226	Achieved		100
10107.211 10167.211 1018.2151 1018.2156 1018 0.00h 1055 1141 1055 1144.8377 Achieved 101 1022.211 10077.211 167.3944 161.3956 161.3956 100 0.00h 165 141 165 164.8377 Achieved 100 10212.211 10077.211 167.6944 161.83921 161.83921 100 0.00h 0.00h 165 141 165 164.8164 Achieved 100 100 1002.211 10077.211 165.8441 161.13921 161.8127 100 0.00h 0.00h 165 141 165 164.5116 Achieved 101 101 165.85596 161.03906 100 0.00h 0.00h 165 141 165 164.510372 100 100 161.82131 161.93917 160.90h 0.00h 0.00h 165 141 165 164.9391 Achieved 101 1012.211 997.211 154.8911 Achieved 100 10.90h <td></td> <td>100</td>															100
10121213 1007231 157.9203 151.3512 101 0.00 0.00 155 141 155 154.8008 Anineed 0.00 10202213 10027214 156.5344 151.3521 1013214 1002714 156.5344 151.3521 100 0.00 0.00 165 141 165 164.5136 Anineed 0.00 1012214 1002714 156.5656 161.0996 100 0.00 0.00 165 141 165 164.5031 Anineed 0.00 0.00 0.00 165 141 165 164.5013 Anineed 0.00 0.00 0.00 165 144 165 164.5013 Anineed 0.00 0.00 10.00 165 144 165 164.5013 Anineed 0.00 10.00 165 144 165 164.5013 Anineed 0.00 10.00 165 144 165 164.5013 Anineed 0.00 10.00 160 164.5013 164.5014 Anineed	10232.211	10067.211	168.10612	161.75968	161.75968	100	0.00%	0.00%	165	141	165	164.8547	Achieved		100
10102.215 10103.211 1916.81443 1916.81382.1 1010 0.00h 0.00h 105 144 185 116.41169 Animeed 0.00h 10132.215 10007.211 116.28675 151.18677 151.18677 151.18677 151.1867 100 0.00h 0.00h 155 144 155 154.9503 Animed 0.00h 0.00h 155 144 155 144.9703 Animed 0.00h 0.00h 0.00h 155 144 155 144.9703 Animed 0.00h 0.00h 0.00h 155 144 145 144.9704 Animed 0.00h 0.00h 0.00h 144 145 144.9704 Animed 0.00h 0.00h 10.00 144 145 144.9794 Animed															100
1012.214 1012.214 195.8598 181.0996 100 0.00h 0.00h 155 143 154 154.5039 Animed R106 10172.214 1997.214 155.6453 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 151.04531 <td< td=""><td>10202.211</td><td></td><td>166.63441</td><td>161.23821</td><td>161.23821</td><td>100</td><td>0.00%</td><td>0.00%</td><td>165</td><td>141</td><td>165</td><td>164.61169</td><td>Achieved</td><td></td><td>100</td></td<>	10202.211		166.63441	161.23821	161.23821	100	0.00%	0.00%	165	141	165	164.61169	Achieved		100
10162.214 9997.214 1615.0005 161.0228.1 1010 0.00h 0.00h 165 144 165 164.5131 Animed 0.00h 10122.215 9997.214 154.7857 150.9577.2 100.9577.0 0.00h 0.00h 0.00h 165 141 165 164.5091 Animed 0.00h 0.00h 165 141 165 164.6091 Animed 0.00h 0.00h 165 141 165 164.5094 Animed 0.00h 0.00h 165 141 165 164.7687 Animed 0.00h 100 0.00h 0.00h 165 144 165 164.7687 Animed 0.00h 100 100 0.00h 0.00h 165 144 165 164.7687 Animed	10182 211	10017.211	165.86596	161.05906	161.05906	100	0.00%	0.00%	165	141	165	164.56019	Achieved		100
1012.215 997.214 194.7383 19.997.214 194.9787 100.997.21 101.997.214 194.9787 100.997.21 194.9787 100.997.21 194.9787 100.997.21 194.9787 100.937.21 196.937.24 196.937.24 196.937.24 196.937.27 100.937.75 100.937.76 0.00h 0.00h 155 141 155 194.95784 Animed 100.937.95 1012.211 987.211 158.93575 160.93743 160.93743 100.907h 0.00h 165 141 165 164.9784 Animed 101.917 1012.211 987.211 158.9307 160.93743 160.93743 100 0.00h 0.00h 165 141 165 164.9784 Animed 101.917 1002.211 987.211 158.9307 160.9743 160.9743 100.9743 0.00h 0.00h 165 141 165 164.9714 Animed 160 1002.211 987.211 151.9374 160.9743 100.9743 0.00h 0.00h 165 1														BRIDGE	100
1013.214 987.211 14.4.326 16.9377 100 0.0% 0.0% 155 144 185 16.45984 Animed 101 1012.211 987.211 158.3297 160.9377 100.90% 0.0% 0.0% 155 144 155 154.7587 Animed 101 1012.211 987.211 158.3297 150.94713 160.94713 100 0.0% 0.0% 155 144 155 154.7587 Animed 101 101 110 156.3297 156.8207 150.94713 160.94714 100 0.0% 0.0% 155 141 155 154.4574 Animed 101 100 100 0.0% 0.0% 155 141 155 154.874 Animed 101 100 100 0.0% 0.0% 165 141 155 164.974 Animed 101 100 100 0.0% 0.0% 165 141 165 164.975 101 100 0.0% 0.0% 164	10152 211	9987.211	164.73819	160.96757	160.96737	100	0.00%	0.00%	165	141	165	164.57901	Achieved		100
1012.211 997.211 151.81999 160.93838 100 0.0% 0.0% 155 141 155 154.7162 Anived 101 1011.211 987.211 156.83207 160.93738 100 0.0% 0.0% 165 141 155 154.7162 Anived 10 1010.211 987.211 156.83207 160.9713 160.9714 100 0.0% 0.0% 165 141 165 164.7867 Anived 10 10 10 160.9714 160.9725 100 0.0% 0.0% 165 141 165 164.7867 Anived 10 10 10 10 0.0% 0.0% 165 141 165 164.974 Anived 10 10 0.0% 0.0% 165 141 165 164.974 Anived 10 10 160.0% 0.0% 165 144 165 164.974 Anived 10 10 161.0758 10 0.0% 0.0% 165 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>100</td></td<>															100
10102.211 9937.211 161.82743 160.97443 100 0.0% 0.0% 155 141 155 164.82731 Anieved 100 10082.211 9827.211 163.8374 160.9325 100 0.0% 0.0% 165 141 165 164.8274 Achieved 10 10082.211 9827.211 162.9826 161.02211 0.0% 0.0% 165 141 165 164.8744 Achieved 10 10072.211 9807.211 162.76692 161.0303 100 0.0% 0.0% 165 141 165 164.9414 Achieved 10 10062.211 9807.211 162.37692 161.0378 100 0.0% 0.0% 165 141 165 164.9414 Achieved 10 10062.211 9807.211 162.37692 161.0378 100 0.0% 0.0% 165 141 165 164.9424 Achieved 10 10042.211 9807.211 162.0348 161.0378	10122 211	9957.211	163.85959	160.93838	160.93838	100	0.00%	0.00%	165	141	165	164.71642	Achieved		100
10092.211 992.211 161.932.4 160.992.56 100 0.0% 0.0% 155 141 165 144.874 Anieved 150 10082.211 9917.211 142.958 151.0303 150 0.0% 0.0% 155 141 155 154.9744 Anieved 150 10072.211 9917.211 142.57692 151.0303 150 0.0% 0.0% 155 141 155 154.9414 Anieved 150 10062.211 987.211 142.3576 151.0718 151.0731 100 0.0% 0.0% 155 141 155 164.9414 Anieved 160 1002.211 987.211 142.3576 141.0738 140 0.0% 0.0% 165 141 165 144.9731 Anieved 160 1002.211 987.211 142.3512.2 141.0748 100 0.0% 0.0% 165 141 165 144.9731 Anieved 100 1002.211 987.211 142.	10102 211	9937.211	163.42304	160.97443	160.97443	100	0.00%	0.00%	165	141	165	164.82713	Achieved		100
10072.211 9907.211 156.27652 156.0303 100 0.0% 0.0% 155 141 155 154.9414 Anived 100 10072.211 9897.211 156.27561 156.0759 100 0.0% 0.0% 155 141 155 154.9414 Anived 100 10072.211 9897.211 156.23579 161.0759 100 0.0% 0.0% 155 141 155 164.9812 Anived 100 100 0.0% 0.0% 165 141 165 164.9873 Anived 100 100 0.0% 0.0% 165 141 165 164.9873 Anived 100 100 0.0% 0.0% 165 141 165 164.9873 Anived 100 100 0.0% 0.0% 165 141 165 164.9873 Anived 100 100 0.0% 0.0% 165 141 165 164.9874 Anived 100 100 0.0% 0.0% 165								0.00%							100
1002.211 987.211 15.23679 15.03781 100 0.00% 0.00% 155 141 155 154.93731 Anieved 100 1004.211 987.211 156.0784 100 0.00% 0.00% 165 141 165 164.9973 Achieved 10 1002.211 987.211 156.07848 154.0784 100 0.00% 0.00% 165 141 165 164.9973 Achieved 10 1002.211 987.211 156.09848 164.09911 100 0.00% 0.00% 165 141 165 164.99944 Achieved 10 1002.211 987.211 161.99275 161.1273 100 0.00% 0.00% 165 141 165 164.99844 Achieved 10 1002.211 987.211 161.99275 161.1273 100 0.00% 165 141 165 164.99844 Achieved 10 1002.211 9847.211 161.9938 160.000% 0.00%	10072.211	9907.211	162.76692	161.03053	161.03053	100	0.00%	0.00%	165	141	165	164.9414	Achieved		100
10042.211 9877.211 162.19132 161.07484 100 0.0% 0.0% 165 141 165 164.99973 Achieved 100 10032.211 9867.211 161.08438 161.09911 100 0.0% 0.0% 165 141 165 164.99973 Achieved 100 10022.211 9867.211 161.09913 161.09911 100 0.0% 0.0% 165 141 165 164.99944 Achieved 100 10022.211 9867.211 161.99273 161.1273 100 0.0% 0.0% 165 141 165 164.99944 Achieved 100 10012.211 9847.211 161.99273 161.0738 161.0738 100 0.0% 0.0% 165 141 165 164.99944 Achieved 100 10012.211 9847.211 161.99273 161.0938 160.09388 0.00% 0.00% 165 141 165 164.9944 Achieved 100															100
10022.211 9837.211 161.99273 161.1273 100 0.00% 0.00% 161 161 164.99943 Achieved 100 10012.211 9847.211 161.94723 161.09388 100 0.00% 165 141 165 164.99943 Achieved 100	10042.211	9877.211	162.19132	161.07484	161.07484	100	0.00%	0.00%	165	141	165	164.99973	Achieved		100
10012.211 9847.211 161.94723 161.09388 161.09388 100 0.00% 0.00% 165 141 165 164.99946 Achieved 10	10022.211	9857.211	161.99275	161.1273	161.1273	100	0.00%	0.00%	163	141	165	164.99943	Achieved		100
9992.211 9827.211 161.88741 161.10335 161.10335 100 0.00% 0.00% 165 141 163 164.98134 Achieved 10	10012.211 9992.211						0.00%			141	165				100

Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous	Average Grade	Sight Distance	Sight Distance	Sight Distance	Sight Distance Along	Sight Line Status	Obstruction	SSD Speed Achieved
9982.211	9817.211	161.85521	161.10087	161.10087	100	Grade 0.00%	0.00%	Required 165	Relaxed 141	Achieved 163	Sight Line Achieved 164.94699	-	ouraction	EDD 2sec RT (km/h) 100
9972.211	9807.211	161.85712	161.08837	161.08837	100	0.00%	0.00%	165	141	165	164.90309	Achieved		100
9962.211 9952.211	9797.211 9787.211	161.84211	161.07452	161.07452	100	0.00%	0.00%	165	141	165	164.84882 164.7818			100
9942.211	9777.211	161.86203	161.14282	161.14282	100	0.00%	0.00%	165	141	165	164.69727	Achieved		100
9932.211 9922.211	9767.211 9757.211	161.88383	161.23356	161.23356	100	0.00%	0.00%	165	141	165	164.59097			100
9912.211	9747.211	161.92855	161.39845	161.39845	100	0.00%	0.00%	165	141	165	164.38186			100
9902.211	9737.211 9727.211	161.95115	161.48465	161.48465	100	0.00%	0.00%	165	141	165	164.2911 164.22741	Achieved		100
9882.211	9717.211	161.93403	161.76449	161.76449	100	0.00%	0.00%	165	141	163	164.19409	Achieved		100
9872.211 9862.211	9707.211 9697.211	161.9897	161.93543	161.93543	100	0.00%	0.00%	165	141	165	164.18331 164.19168			100
9852.211	9687.211	162.01295	162.30003	162.30003	100	0.00%	0.00%	165	141	163	164.22178	Achieved		100
9842.211 9832.211	9677.211 9667.211	161.98981	162.44701	162.44701	100	0.00%	0.00%	165	141	165	164.27614			100
9822.211	9657.211	162.00398	162.68933	162.68933	100	0.00%	0.00%	165	141	165	164.46842	Achieved		100
9812.211 9802.211	9647.211 9637.211	161.99347	162.81081	162.81081 162.93602	100	0.00%	0.00%	165	141	165	164.57802 164.67475			100
9792.211	9627.211	161.98329	163.06247	163.06247	100	0.00%	0.00%	165	141	163	164.75774	Achieved		100
9782.211 9772.211	9617.211 9607.211	162.01694	163.22027	163.22027	100	0.00%	0.00%	165	141	165	164.82924			100
9762.211	9597.211	162.17315	163.57595	163.57595	100	0.00%	0.00%	165	141	165	164.93569	Achieved		100
9752.211 9742.211	9587.211 9577.211	162.26833	163.73735	163.73735	100	0.00%	0.00%	165	141	165	164.97052 164.99223			100
9732.211	9567.211	162.44084	164.17069	164.17069	100	0.00%	0.00%	165	141	165	165.00333	Achieved		100
9722.211 9712.211	9557.211 9547.211	162.5818	164.48178	164.48178	100	0.00%	0.00%	165	141	165	165.00529			100
9702.211	9537.211	162.94076	165.24265	165.24265	100	0.00%	0.00%	165	141	165	165.00021			100
9692.211 9682.211	9527.211 9517.211	163.11493	165.7117	165.7117 166.21394	100	0.00%	0.00%	165	141	165	164.99915			100
9672.211	9507.211	163.38749	166.7441	166.7441	100	0.00%	0.00%	165	141	165	164.99913	Achieved		100
9662.211 9652.211	9497.211 9487.211	163.52206	167.29739	167.29739 167.81432	100	0.00%	0.00%	165	141	165	164.99913 164.99912			100
9642.211	9477.211	163.77314	168.27577	168.27577	100	0.00%	0.00%	165	141	163	164.99911	Achieved		100
9632.211 9622.211	9467.211 9457.211	163.8988	168.69405	168.69405	100	0.00%	0.00%	165	141	163		Achieved Achieved		100
9612.211	9447.211	164.2193	169.47064	169.47064	100	0.00%	0.00%	165	141	163	164.99355	Achieved		100
9602.211	9437.211 9427.211	164.40066	169.75462	169.75462	100	0.00%	0.00%	165	141	163				100
9582.211	9428.211	164.73441	169.92332	169.92332	100	0.00%	0.00%	165	141	154	154.00144	Relaxed	Vertical alignment	100
9572.211 9562.211	9430.211 9430.211	164.94271 165.21949	169.8915	169.8915	100	0.00%	0.00%	165	141	142	142.00149	Relaxed Not Achieved	Vertical alignment	100
9552.211	9430.211	165.55322	169.8915	169.8915	100	0.00%	0.00%	165	141	122	122.00157	Not Achieved	Vertical alignment Vertical alignment	90
9542.211 9532.211	9430.211 9430.211	165.93286	169.8915	169.8915	100	0.00%	0.00%	165	141	112		Not Achieved Not Achieved	Vertical alignment	80
9522.211	9426.211	166.86058	169.93411	169.93411	100	0.00%	0.00%	165	141	96	96.00772	Not Achieved Not Achieved	Vertical alignment Vertical alignment	70
9512.211 9502.211	9422.211 9416.211	167.37448	170.01788	170.01788	100	0.00%	0.00%	165	141 141	90		Not Achieved	Vertical alignment	70
9502.211 9492.211	9416.211 9392.211	167.92389	170.1061	170.1061	100	0.00%	0.00%	165	141 141	100	100.00755	Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
9482.211	9317.211	168.95211	172.37205	172.37205	100	0.00%	0.00%	165	141	165		Achieved		100
9472.211 9462.211	9307.211 9297.211	169.38627 169.80574	172.78567	172.78567	100	0.00%	0.00%	165	141	165	165.00657			100
9452.211	9287.211	170.19791	173.62637	173.62637	100	0.00%	0.00%	165	141	165	165.00677	Achieved		100
9442.211 9432.211	9277.211 9267.211	170.52469	173.98202	173.98202 174.31953	100	0.00%	0.00%	165	141	165	165.00394			100
9422.211	9257.211	170.91788	174.64781	174.64781	100	0.00%	0.00%	165	141	165	164.99901	Achieved		100
9412.211 9402.211	9247.211 9237.211	171.06049	174.84465	174.84465 174.93192	100	0.00%	0.00%	165	141	165	164.99901 164.99901			100
9392.211	9238.211	171.37716	174.92733	174.92733	100	0.00%	0.00%	165	141	154	153.99901	Relaxed	Vertical alignment	100
9382.211 9372.211	9238.211 9238.211	171.51768	174.92733	174.92733	100	0.00%	0.00%	165	141	144	143.99901 133.99901	Not Achieved	Vertical alignment Vertical alignment	100
9362.211	9238.211	171.86437	174.92733	174.92733	100	0.00%	0.00%	165	141	124	123.99901	Not Achieved	Vertical alignment	90
9352.211 9342.211	9238.211 9238.211	172.10225	174.92733	174.92733	100	0.00%	0.00%	165	141	114		Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
9332.211	9238.211	172.7117	174.92733	174.92733	100	0.00%	0.00%	165	141	94	94	Not Achieved	Vertical alignment	70
9322.211 9312.211	9236.211 9232.211	173.07203	174.9365	174.9365	100	0.00%	0.00%	165	141	86		Not Achieved Not Achieved	Vertical alignment Vertical alignment	70
9302.211	9222.211	173.89672	174.99378	174.99378	100	0.00%	0.00%	165	141	80		Not Achieved	Vertical alignment	60
9292.211 9282.211	9190.211 9132.211	174.32925	175.09474	175.09474	100	0.00%	0.00%	165	141	102	102	Not Achieved Relaxed	Vertical alignment Vertical alignment	80
9272.211	9107.211	175.05174	175.01255	175.01255	100	0.00%	0.00%	165	141	163	164.99951			100
9262.211	9097.211 9087.211	175.3899	175.04538	175.04538	100	0.00%	0.00%	165	141	165	164.99951 164.99951			100
9242.211	9077.211	175.79792	175.09073	175.09073	100	0.00%	0.00%	165	141	165	164.99951	Achieved		100
9232.211 9222.211	9067.211 9057.211	175.85365	175.0686	175.0686	100	0.00%	0.00%	165	141	165	164.99951	Achieved Achieved		100
9212.211	9047.211	175.93741	174.86749	174.86749	100	0.00%	0.00%	165	141	165	164.9995	Achieved		100
9202.211 9192.211	9040.211 9038.211	175.98255	174.71894	174.71894 174.66231	100	0.00%	0.00%	165	141	162	161.9995		Vertical alignment Vertical alignment	100
9182.211	9038.211	176.01939	174.66231	174.66231	100	0.00%	0.00%	165	141	144	143.99904	Relaxed	Vertical alignment	100
9172.211 9162.211	9038.211 9036.211	175.99237	174.66231	174.66231	100	0.00%	0.00%	165	141	134		Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
9152.211	9036.211	175.95176	174.60551	174.60551	100	0.00%	0.00%	165	141	116	115.99611	Not Achieved	Vertical alignment	80
9142.211 9132.211	9034.211 9032.211	175.95602	174.54674	174.34674	100	0.00%	0.00%	165		108		Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
9122.211	9030.211	175.92631	174.41709	174.41709	100	0.00%	0.00%	165	141	92	91.9993	Not Achieved	Vertical alignment	70
9112.211 9102.211	9026.211 9022.211	175.91346		174.27314	100	0.00%	0.00%	165	141	86		Not Achieved Not Achieved	Vertical alignment Vertical alignment	70
9092.211	9018.211	175.95712	173.94588	173.94588	100	0.00%	0.00%	165	141	74	74	Not Achieved	Vertical alignment	6
9082.211 9072.211	9006.211 8982.211	175.98362		173.40553		0.00%	0.00%	165				Not Achieved Not Achieved	Vertical alignment Vertical alignment	60 70
9062.211	8897.211	175.94561	168.51944	168.51944	100	0.00%	0.00%	165	141	165	165.00358	Achieved	and any any amount	100
9052.211 9042.211		175.85992		168.21	100	0.00%	0.00%	165	141		165.00358			100
9032.211	8867.211	175.38308	167.71012	167.71012	100	0.00%	0.00%	165	141	165	165.0036	Achieved		100
9022.211 9012.211		175.01921		167.54273 167.42857	100	0.00%	0.00%	165						100
9002.211	8847.211 8837.211	174.12939	167.39214	167.39214	100	0.00%	0.00%	165	141	165	165.00032	Achieved		100
8992.211	8827.211	173.6557	167.4618	167.4618	100	0.00%	0.00%	165	141		164.9984	Achieved		100
8982.211 8972.211	8817.211 8907.211	173.16505	167.61857	167.61857 167.80744	100	0.00%		165	141 141	165				100
8962.211	8797.211	172.24504	168.00172	168.00172	100	0.00%	0.00%	165	141	165	164.98556			100
8952.211 8942.211	8787.211 8777.211	171.81593	168.23278	168.23278 168.44092	100	0.00%	0.00%	165	141	165	164.98014 164.97477			100
8932.211	8767.211	170.93077	168.64879	168.64879	100	0.00%	0.00%	165	141	165	164.9795	Achieved		100
		170.49378	168.83656	168.79711 168.83656	100	0.00%	0.00%	165	141	165	164.98462			100
8922.211 8912.211	8757.211 8747.211	170.04957			100	0.00%	0.00%	165	141	165	164.99531	Achieved		100
8912.211 8902.211	8747.211 8737.211	169.62499	168.83702	168.83702				165	141	165	165.00057	Lachieved		100
8912.211	8747.211			168.83702 168.67668 168.65266	100	0.00%	0.00%	165	141	156	156.0012	Relaxed	Vertical alignment	
8912.211 8902.211 8892.211 8882.211 8882.211 8872.211	8747.211 8737.211 8727.211 8726.211 8726.211 8728.211	169.62499 169.24416 168.99517 168.73089	168.67668 168.65266 168.70072	168.67668 168.65266 168.70072	100 100 100	0.00%	0.00%	165 165	141	144	144.00035	Relaxed	Vertical alignment	100
8912.211 8902.211 8892.211 8882.211	8747.211 8737.211 8727.211 8726.211	169.62499 169.24416 168.99517	168.67668 168.65266 168.70072	168.67668 168.65266	100 100	0.00%	0.00%	165		144	144.00035 134.00053			100 100 90
8912 211 8902 211 8892 211 8882 211 8872 211 8872 211 8852 211 8852 211 8842 211	8747.211 8737.211 8727.211 8726.211 8728.211 8728.211 8728.211 8728.211 8730.211	169.62499 169.24416 168.99517 168.73085 168.51769 168.37927 168.37927	168.67668 168.63266 168.70072 168.70072 168.70072 168.74434	168.67668 168.63266 168.70072 168.70072 168.70072 168.74434	100 100 100 100 100 100	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	163 163 165 165 165	141 141 141 141	144 134 124 112	144.00035 134.00053 124.00074 112.00326	Relaxed Not Achieved Not Achieved Not Achieved	Vertical alignment Vertical alignment Vertical alignment Vertical alignment	100 100 90 90 80 80
8912 211 8902 211 8892 211 8882 211 8872 211 8872 211 8862 211 8852 211	8747.211 8737.211 8727.211 8726.211 8728.211 8728.211 8728.211	169.62499 169.24416 168.99517 168.73089 168.51769 168.37927	168.57668 168.53266 168.70072 168.70072 168.70072 168.74434	168.67668 168.65266 168.70072 168.70072 168.70072	100 100 100 100 100	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	163 163 163 163	141 141 141 141 141	144 134 124 112 102	144.00035 134.00053 124.00074 112.00326 102.00341	Relaxed Not Achieved Not Achieved	Vertical alignment Vertical alignment Vertical alignment	100 100 90
8912 211 8902 211 8882 211 8882 211 8882 211 8882 211 8882 211 8882 211 8832 211 8832 211	8747.211 8737.211 8727.211 8728.211 8728.211 8728.211 8730.211 8730.211 8730.211 8728.211	169.62499 169.24416 168.99317 168.73089 168.31765 168.37927 168.329814 168.333 168.43408 168.43408	168.67668 168.63266 168.70072 168.70072 168.70072 168.70434 168.74434 168.74434	168.67668 168.63266 168.70072 168.70072 168.70072 168.74434 168.74434 168.70072 168.70072	100 100 100 100 100 100 100 100 100	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	163 165 165 165 165 165 165 165	141 141 141 141 141 141 141	144 134 124 112 102 94 84	144.00035 134.00053 124.00074 1122.00326 102.00341 94.0089 84.00947	Relaxed Not Achieved Not Achieved Not Achieved Not Achieved Not Achieved Not Achieved	Vertical alignment Vertical alignment Vertical alignment Vertical alignment Vertical alignment Vertical alignment	100 100 90 90 80 80 80
8912 211 8902 211 8892 211 8892 211 8872 211 8872 211 8872 211 8842 211 8832 211 8832 211	8747.211 8737.211 8727.211 8726.211 8728.211 8728.211 8728.211 8730.211 8730.211 8730.211	169.62499 169.24416 168.99517 168.73009 168.51765 168.37927 168.29814 168.313 168.43408	168.67668 168.5076 168.70072 168.70072 168.7454 168.74454 168.74454 168.74454 168.74072 168.70072 168.70072	168.67668 168.63266 168.70072 168.70072 168.70072 168.74434 168.74434	100 100 100 100 100 100 100	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	165 165 165 165 165 165 165	141 141 141 141 141 141 141 141	144 134 124 112 102 94 84 75	144.00035 134.00033 124.00074 112.00326 102.00341 94.0089 84.00947 76.01365	Relaxed Not Achieved Not Achieved Not Achieved Not Achieved Not Achieved	Vertical alignment Vertical alignment Vertical alignment Vertical alignment Vertical alignment	100 100 90 80 80 70

Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous	Average Grade	Sight Distance	Sight Distance	Sight Distance	Sight Distance Along	Sight Line Status	Obstruction	SSD Speed Achieved
8772.211	8710.211	169.43912	168.15942	168.15942	100	Grade 0.00%	0.00%	Required 163	Relaxed 141	Achieved 62	Sight Line Achieved 62.03065	Not Achieved	Vertical alignment	EDD 2sec RT (km/h)
8762.211 8752.211	8694.211 8680.211	169.63874 169.72172	167.4674 166.75377	167.4674 166.75377	100	0.00%	0.00%	163 163	141 141	68 72		Not Achieved Not Achieved	Vertical alignment Vertical alignment	60
8742.211	8577.211	169.75235	165.69432	165.69432	100	0.00%	0.00%	165	141	165	165.00866	Achieved	Ter des rangiment	100
8732.211 8722.211	8567.211 8557.211	169.67252	165.89025 166.07343	165.89025 166.07343	100	0.00%	0.00%	165	141 141	163	165.00353			100
8712.211 8702.211	8547.211 8537.211	169.1281	166.3107	166.3107	100	0.00%	0.00%	165	141	165	164.99306 164.99281			100
8692.211 8682.211	8527.211 8517.211	168.259 167.7528	166.80341 167.08687	166.80341 167.08687	100	0.00%	0.00%	165	141	165	164.99291 164.99302			100
8672.211	8507.211	167.2838	167.42314	167.42314	100	0.00%	0.00%	165	141	165	164.99706	Achieved		100
8662.211 8652.211	8497.211 8487.211	166.91266	167.88647 168.42907	167.88647 168.42907	100	0.00%	0.00%	165	141	165	165.00201			100
8642.211 8632.211	8477.211 8467.211	166.4325	169.06712 169.78013	169.06712 169.78013	100	0.00%	0.00%	165	141	165	165.00201 165.00202			100
8622.211 8612.211	8457.211 8447.211	166.18355 166.15904	170.49909 171.11701	170.49909	100	0.00%	0.00%	165	141	163	164.99974	Achieved		100
8602.211	8437.211	166.24052	171.59759	171.59759	100	0.00%	0.00%	165	141	165	164.99364	Achieved		100
8592.211 8582.211	8427.211 8417.211	166.37066 166.3072	171.92809	171.92809	100	0.00%	0.00%	163	141	165				100
8572.211	8412.211 8414.211	166.69363 166.88091	172.29838	172.29838	100	0.00%	0.00%	165	141		159.98628		Vertical alignment Vertical alignment	100
8552.211	8416.211	167.0797	172.2058	172.2058	100	0.00%	0.00%	165	141	136	135.9864	Not Achieved	Vertical alignment	90
8542.211 8532.211	8418.211 8418.211	167.34161 167.58457	172.15942	172.15942	100	0.00%	0.00%	165	141	124		Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
8522.211 8512.211	8422.211 8422.211	167.84032 168.14476	172.06125	172.06125	100	0.00%	0.00%	163	141	100		Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
8502.211	8424.211 8422.211	168.53301	172.01005	172.01005	100	0.00%	0.00%	165	141	78	77.98755	Not Achieved	Vertical alignment	60
8492.211 8482.211	8418.211	169.03199 169.63553	172.06125	172.06125	100	0.00%	0.00%	165 165	141	64	63.98664	Not Achieved Not Achieved	Vertical alignment Vertical alignment	60
8472.211 8462.211	8402.211 8352.211	170.31902 171.04314	172.53102 173.42797	172.53102 173.42797	100	0.00%	0.00%	163	141 141	70		Not Achieved Not Achieved	Vertical alignment Vertical alignment	60 80
8452.211 8442.211	8328.211 8294.211	171.72595	173.6173 173.82895	173.6173 173.82895	100	0.00%	0.00%	165	141			Not Achieved	Vertical alignment Vertical alignment	90
8432.211	8267.211	172.6778	173.89906	173.89906	100	0.00%	0.00%	165	141	163	164.98232	Achieved	and a sub-time of	100
8422.211 8412.211	8257.211 8247.211	172.96125 173.19838	173.93616 174.0005	173.93616 174.0005	100	0.00%	0.00%	165	141 141	163	164.98594			100
8402.211 8392.211	8237.211 8227.211	173.43102	174.04965 174.09614	174.04965 174.09614	100	0.00%	0.00%	165	141	165				100
8382.211	8217.211	173.84451	174.14887	174.14887	100	0.00%	0.00%	165	141	165	164.98667	Achieved		100
8372.211 8362.211	8207.211 8197.211	174.03389 174.20592	174.18867 174.23979	174.18867 174.23979	100	0.00%	0.00%	165	141 141	165	164.99949	Achieved		100
8352.211 8342.211	8187.211 8177.211	174.32797 174.41541	174.26203 174.29034	174.26203 174.29034	100	0.00%	0.00%	163 163	141 141	165	165.00292 165.0029	Achieved Achieved		100
8332.211 8322.211	8167.211 8157.211	174.48243	174.34374 174.39516	174.34374 174.39516	100	0.00%	0.00%	165 165	141 141	165				100
8312.211	8147.211	174.63325	174.4304	174.4304	100	0.00%	0.00%	165	141	165	165.00287	Achieved		100
8302.211 8292.211	8137.211 8127.211	174.7142 174.73078	174.48861 174.57002	174.48861 174.57002	100	0.00%	0.00%	165	141	165	165.00287			100
8282.211 8272.211	8117.211 8107.211	174.74639	174.63698	174.63698	100	0.00%	0.00%	165	141	165	165.00286			100
8262.211	8097.211	174.81358	174.63909	174.63909	100	0.00%	0.00%	165	141	165	165.004	Achieved		100
8252.211 8242.211	8087.211 8077.211	174.87005	174.63356 174.59591	174.63356 174.59591	100	0.00%	0.00%	165	141	163	165.00774	Achieved		100
8232.211 8222.211	8067.211 8057.211	174.97062	174.59125	174.59125	100	0.00%	0.00%	165	141	165	165.01055			100
8212.211 8202.211	8047.211 8037.211	175.06676 175.11637	174.48103 174.33655	174.48103 174.33655	100	0.00%	0.00%	165	141 141	165	165.01042 165.00918			100
8192.211	8032.211	175.15152	174.23897	174.23897	100	0.00%	0.00%	165	141	160	160.00746	Relaxed	Vertical alignment	100
8182.211 8172.211	8030.211 8030.211	175.17842 175.21482	174.19442 174.19442	174.19442 174.19442	100	0.00%	0.00%	165	141 141	152	152.00747 142.00749		Vertical alignment Vertical alignment	100
8162.211 8152.211	8030.211 8028.211	175.27177	174.19442	174.19442	100	0.00%	0.00%	165	141	132		Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
8142.211 8132.211	8026.211 8024.211	175.35224 175.43127	174.06492 173.99363	174.06492 173.99363	100	0.00%	0.00%	163 163	141 141		116.00757	Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
8122.211	8022.211	175.5091	173.91331	173.91331	100	0.00%	0.00%	165	141	100	100.00766	Not Achieved	Vertical alignment	80
8112.211 8102.211	8020.211 8018.211	175.54243	173.83443 173.74519	173.83443 173.74519	100	0.00%	0.00%	165	141 141	92	84.00782	Not Achieved Not Achieved	Vertical alignment Vertical alignment	70
8092.211 8082.211	8016.211 8014.211	175.54391	173.65259	173.65259	100	0.00%	0.00%	165	141	76		Not Achieved	Vertical alignment Vertical alignment	60
8072.211	8010.211 8004.211	175.48966 175.48054	173.34651 172.95127	173.34651 172.95127	100	0.00%	0.00%	163	141	62	62	Not Achieved Not Achieved	Vertical alignment	50
8052.211	7998.211	175.42961	172.51029	172.51029	100	0.00%	0.00%	165	141	54	54	Not Achieved	Vertical alignment Vertical alignment	50
8042.211 8032.211	7988.211 7867.211	175.31255	171.6852	171.6852	100	0.00%	0.00%	165	141	54	54	Not Achieved Achieved	Vertical alignment	50
8022.211 8012.211	7857.211 7847.211	174.81331 174.34604	163.95051 163.85028	163.95051 163.85028	100	0.00%	0.00%	165 165	141	165	165.00857 165.00781	Achieved		100
8002.211	7837.211	173.7113	163.79586	163.79586	100	0.00%	0.00%	165	141	165	165.00708	Achieved		100
7992.211 7982.211	7827.211 7817.211	172.93116	163.75956 163.7485	163.75956 163.7485	100	0.00%	0.00%	163	141 141	165		Achieved Achieved		100
7972.211	7807.211	171.18945	163.75575	163.75575 163.77211	100	0.00%	0.00%	163	141			Achieved		100
7952.211	7787.211	169.65081	163.76187	163.76187	100	0.00%	0.00%	165	141	163	165.00677	Achieved		100
7942.211 7932.211	7777.211 7767.211	168.91132 168.21878	163.7392 163.65254	163.7392 163.65254	100	0.00%	0.00%	165	141	165	165.00305	Achieved		100
7922.211 7912.211	7757.211 7747.211	167.57431	163.4626 163.19622	163.4626 163.19622	100	0.00%	0.00%	165		165	164.9991	Achieved Achieved		100
7902.211	7737.211	166.42603 165.94038	162.9117 162.82645	162.9117	100	0.00%	0.00%	165	141	165	164.99708	Achieved	Vertical alignment	100
7882.211	7740.211	165.52457	162.99576	162.99576	100	0.00%	0.00%	165	141	142	141.9971	Relaxed	Vertical alignment	100
7872.211 7862.211	7742.211 7744.211	165.18733 164.93964	163.05254 163.1093	163.05254 163.1093	100 100	0.00%	0.00%	163 163	141 141	118	117.99741	Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
7852.211 7842.211	7744.211 7742.211	164.79191 164.72069	163.1093 163.05254	163.1093 163.05254	100	0.00%	0.00%	165	141			Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
7832.211	7738.211	164.67107	162.93972	162.93972	100	0.00%	0.00%	165	141	94	93.99968	Not Achieved	Vertical alignment	70
7822.211 7812.211	7728.211 7647.211	164.63514 164.64916		162.65589 162.31161	100	0.00%	0.00%	165 165		163	164.9911	Not Achieved Achieved	Vertical alignment	100
7802.211 7792.211	7637.211 7627.211	164.66727	162.31992 162.25248	162.31992 162.25248	100	0.00%	0.00%	163	141	165				100
7782.211	7617.211 7607.211	164.63521 164.60622	162.17821 162.12928	162.17821 162.12928	100	0.00%	0.00%	165		165	164.98967	Achieved		100
7762.211	7597.211	164.47071	162.09205	162.09205	100	0.00%	0.00%	165	141	165	164.98676	Achieved		100
7752.211 7742.211	7587.211 7577.211	164.23851 163.95254	162.03109	162.05109	100	0.00%	0.00%	163	141 141	165	164.98674 164.98677			100
7732.211	7567.211	163.6683 163.40167	162.08733 162.15468	162.08733 162.15468	100	0.00%	0.00%	165	141	163		Achieved		100
7722.211 7712.211	7547.211	163.20114	162.22304	162.22304	100	0.00%	0.00%	165	141	165	164.98749	Achieved		100
7702.211 7692.211	7537.211 7527.211	163.07823 163.02287	162.28723 162.36944	162.28723 162.36944	100	0.00%	0.00%	165						100
7682.211 7672.211	7517.211	163.01739 163.06593	162.47534 162.59955	162.47534 162.59955	100	0.00%	0.00%	165	141	165	164.99369			100
7662.211	7497.211	163.14017	162.75487	162.75487	100	0.00%	0.00%	165	141	165	164.99391	Achieved		100
7652.211 7642.211	7487.211 7477.211	163.19386 163.22006	162.90352 163.07313	162.90352 163.07313	100	0.00%	0.00%	163 163	141 141	165		Achieved Achieved		100
7632.211	7467.211	163.19285 163.11383	163.2948	163.2948 163.54495	100	0.00%	0.00%	163 163	141					100
7622 2141										165		Achieved		100
7622.211 7612.211 7602.244	7447.211	163.05191	163.80549	163.80549	100	0.00%	0.00%	165	141					
	7447.211 7437.211 7427.211 7417.211	163.05191 163.01113 162.96995 162.94564	164.08195 164.37978	163.80549 164.08195 164.37978 164.67399	100 100 100 100	0.00%	0.00%	165	141 141	165 165	164.99125 164.99178	Achieved Achieved		100 100 100 100

Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous	Average Grade	Sight Distance	Sight Distance	Sight Distance	Sight Distance Along	Sight Line Status	Obstruction	SSD Speed Achieved
7562.211	7397.211		165.26118	165.26118	Design Speed	Grade 0.00%	Average Grade	Required 163	Relaxed 141	Achieved 163	Sight Line Achieved 164.98433	-	Obstruction	EDD 2sec RT (km/h) 100
7552.211	7387.211	163.02076 163.08997	165.52025	165.52025	100	0.00%	0.00%	165	141	165	164.97976	Achieved		100
7542.211 7532.211	7377.211	163.15459	165.77982 166.03744	165.77982 166.03744	100	0.00%	0.00%	165	141	165	164.97944 164.97977			100
7522.211	7357.211	163.32179 163.4357	166.29526	166.29526	100	0.00%	0.00%	163	141	163	164.9835	Achieved		100
7502.211	7337.211	163.57639	166.88596	166.88596	100	0.00%	0.00%	165	141 141	165	164.98547	Achieved		100
7492.211 7482.211	7327.211	163.72764	167.19656	167.19656	100	0.00%	0.00%	165	141	165	164.98713 164.98876			100
7472.211	7307.211	164.07703	167.88381	167.88381	100	0.00%	0.00%	165	141	165	164.99037	Achieved		100
7462.211 7452.211	7297.211	164.3207 164.57038	168.22665	168.22665	100	0.00%	0.00%	165	141	165	164.99196 164.99281			100
7442.211 7432.211	7277.211	164.84771 165.12758	168.84033	168.84033 169.09592	100	0.00%	0.00%	163 163	141	165	164.99288	Achieved		100
7432.211	7257.211	165.12758	169.30916	169.30916	100	0.00%	0.00%	165	141	165				100
7412.211 7402.211	7247.211	165.72863	169.53261	169.53261 169.80411	100	0.00%	0.00%	165	141	165				100
7392.211	7227.211	166.29327	170.14661	170.14661	100	0.00%	0.00%	165	141	165	165.00767	Achieved		100
7382.211 7372.211	7217.211	166.54493 166.81531	170.5458	170.5458	100	0.00%	0.00%	165	141	165	165.00839			100
7362.211	7197.211	167.0644	171.69561 172.36088	171.69561	100	0.00%	0.00%	165	141	165				100
7342.211		167.63928	172.76921	172.76921	100	0.00%	0.00%	165	141	165				100
7332.211 7322.211	7167.211	167.93914	172.88455	172.88455	100	0.00%	0.00%	165	141	165	165.0036	Achieved	Vertical alignment	100
7312.211	7168.211	168.59807	172.88065	172.88065	100	0.00%	0.00%	165	141	144	144.00363	Relaxed	Vertical alignment	100
7302.211 7292.211	7168.211	168.95791	172.88065	172.88065	100	0.00%	0.00%	165	141	134		Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
7282.211	7168.211	169.59521	172.88065	172.88065	100	0.00%	0.00%	163	141	114	114.0037	Not Achieved	Vertical alignment	80
7272.211 7262.211	7168.211	169.87099 170.11581	172.88065	172.88065	100	0.00%	0.00%	165	141	104		Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
7252.211 7242.211	7168.211	170.31765	172.88065	172.88065	100	0.00%	0.00%	163	141	84	84	Not Achieved Not Achieved	Vertical alignment	70
7232.211	7168.211	170.86975	172.88065	172.88065	100	0.00%	0.00%	165	141	64	64	Not Achieved	Vertical alignment Vertical alignment	60
7222.211 7212.211	7168.211 7166.211	171.24393	172.88065	172.88065	100	0.00%	0.00%	163 163	141	54 46		Not Achieved Not Achieved	Vertical alignment Vertical alignment	50
7202.211	7158.211	172.25659	172.86142	172.86142	100	0.00%	0.00%	165	141	44	44	Not Achieved	Vertical alignment	40
7192.211 7182.211	7027.211	172.94329	173.24334 173.30236	173.24334 173.30236	100	0.00%	0.00%	165	141	165	162.66171 162.40342			100
7172.211	7007.211	173.75046	173.35139	173.35139	100	0.00%	0.00%	165	141	165	162.24472	Achieved		100
7162.211 7152.211	6987.211	173.7805 173.722		173.43554 173.50303	100	0.00%	0.00%	165 165	141 141	163	162.22712	Achieved		100
7142.211 7132.211	6977.211	173.67827 173.63204	173.5797	173.5797 173.66248	100	0.00%	0.00%	165	141	165	162.36625 162.60551			100
7122.211	6957.211	173.57943	173.74539	173.74539	100	0.00%	0.00%	165	141	163	162.9436	Achieved		100
7112.211 7102.211	6947.211	173.57626	173.79044 173.80817	173.79044 173.80817	100	0.00%	0.00%	165	141	165				100
7092.211		173.59899	173.8439	173.8439	100	0.00%	0.00%	165	141	165	164.09625	Achieved		100
7082.211 7072.211	6917.211	173.64507 173.71314	173.87465	173.87465	100	0.00%	0.00%	165	141	165	164.3829	Achieved Achieved		100
7062.211	6897.211	173.81063	173.86516	173.86516	100	0.00%	0.00%	165	141	165	164.76942	Achieved		100
7052.211 7042.211	6887.211	173.93489 174.05248	173.83736 173.82128	173.83736 173.82128	100	0.00%	0.00%	165	141	165	164.88626 164.96614			100
7032.211	6867.211	174.11442	173.81284	173.81284 173.80056	100	0.00%	0.00%	165	141	165	165.00199 165.00551			100
7012.211	6847.211	174.2298	173.80036	173.79379	100	0.00%	0.00%	165	141	165	165.00548	Achieved		100
7002.211	6837.211	174.2871	173.75643	173.75643	100	0.00%	0.00%	165	141	165	165.00546			100
6982.211	6817.211	174.43566	173.72369	173.72369	100	0.00%	0.00%	165	141	165	165.00596	Achieved		100
6972.211 6962.211	6807.211	174.52164	173.7422	173.7422	100	0.00%	0.00%	165	141	165				100
6952.211	6787.211	174.67521	173.74501	173.74501	100	0.00%	0.00%	163	141	165	165.00817	Achieved		100
6942.211 6932.211	6777.211	174.69578	173.73514	173.73514 173.73945	100	0.00%	0.00%	165	141	165	165.00389			100
6922.211 6912.211	6757.211	174.75894	173.7486	173.7486	100	0.00%	0.00%	165	141					100
6902.211	6737.211	174.77851	173.75464	173.75464	100	0.00%	0.00%	165	141	165	165.04026	Achieved		100
6892.211 6882.211	6727.211	174.75201	173.73981 173.7532	173.73981 173.7532	100	0.00%	0.00%	165	141	165	165.04743			100
6872.211	6707.211	174.71839		173.80566	100	0.00%	0.00%	165	141	165				100
6862.211 6852.211	6697.211	174.70579 174.69917	173.85392 173.89559	173.85392 173.89559	100	0.00%	0.00%	165	141 141	165	165.05655			100
6842.211 6832.211	6677.211	174.68039	173.92952	173.92952 173.93149	100	0.00%	0.00%	165	141	165	165.05585			100
6822.211	6657.211	174.62016	173.95605	173.95605	100	0.00%	0.00%	165	141	163	165.05541	Achieved		100
6812.211 6802.211	6647.211	174.633	173.98788 174.02783	173.98788 174.02783	100	0.00%	0.00%	163	141	165	163.05658			100
6792.211	6627.211	174.65351	174.08783	174.08783	100	0.00%	0.00%	165	141	165	165.05728	Achieved		100
6782.211 6772.211	6607.211	174.63818 174.63425	174.13161 174.16254	174.16254	100	0.00% 0.00%	0.00%	165	141 141	165		Achieved		100
6762.211		174.64714	174.18159 174.20594	174.18139 174.20394	100	0.00%	0.00%	163	141	165	165.07513 165.08731			100
6742.211	6577.211	174.63607	174.25608	174.25608	100	0.00%	0.00%	165	141	165	165.09587	Achieved		100
6732.211 6722.211		174.64573 174.64246	174.30715 174.30559	174.30715 174.30559	100	0.00%	0.00%	165	141					100
6712.211	6547.211	174.67496	174.29873	174.29873	100	0.00%	0.00%	165	141	165	165.13429	Achieved		100
6702.211 6692.211	6527.211	174.73312 174.77328	174.28881	174.31505 174.28881	100	0.00% 0.00%	0.00%	163	141 141	165	165.08849	Achieved		100
6682.211 6672.211	6517.211	174.81556 174.83097		174.22291	100	0.00%		163	141	163	165.02907	Achieved		100
6662.211	6497.211	174.84185	174.08779	174.08779	100	0.00%	0.00%	165	141	163	164.83349	Achieved		100
6652.211 6642.211		174.86933 174.90874		174.0465	100	0.00%	0.00%	165	141					100
6632.211	6467.211	174.96129	173.99747	173.99747	100	0.00%	0.00%	165	141	163	164.55589	Achieved		100
6622.211 6612.211		175.01333	174.00232	174.00232 174.05156	100	0.00%	0.00%	165	141					100
6602.211 6592.211	6437.211	175.07257 175.09148	174.13033	174.13033 174.24094	100	0.00%	0.00%	165	141	163	164.34614	Achieved		100
6582.211	6417.211	175.12568	174.33116	174.33116	100	0.00%	0.00%	165	141	165	164.64513	Achieved		100
6572.211	6407.211	175.18884	174.45244	174.45244 174.58953	100	0.00%	0.00%	163 163	141	163		Achieved		100
6552.211	6387.211	175.1971	174.76259	174.76259	100	0.00%	0.00%	165	141	165	164.89122	Achieved		100
6542.211 6532.211	6377.211	175.21039	174.92435	174.92435	100	0.00%	0.00%	165	141	165		Achieved Achieved		100
6522.211	6357.211	175.16417	175.2281	175.2281	100	0.00%	0.00%	165	141	165	165.00934	Achieved		100
6512.211 6502.211		175.0763	175.37393 175.48505	175.37393 175.48505	100	0.00%	0.00%	165	141	165	165.01954			100
6492.211	6327.211	174.9717	175.58685	175.58685	100	0.00%	0.00%	165	141	165	165.03301	Achieved		100
6482.211 6472.211	6307.211	174.92501	175.67194 175.68297	175.67194 175.68297	100	0.00%	0.00%	165	141 141	165	165.06627	Achieved		100
6462.211 6452.211	6297.211	174.89571 174.92396	175.63988	175.63988 175.57345	100	0.00%	0.00%	165 165	141 141	165 165				100
6442.211	6288.211	174.9824	175.58111	175.58111	100	0.00%	0.00%	165	141	154	154.15382	Relaxed	Vertical alignment	100
6432.211 6422.211	6286.211	175.08869		175.56545	100	0.00%	0.00%	163	141			Relaxed Not Achieved	Vertical alignment Vertical alignment	100
6412.211	6282.211	175.28637	175.52864	175.52864	100	0.00%	0.00%	165	141	130	130.15419	Not Achieved	Vertical alignment	90
6402.211 6392.211		175.41505	175.48879 175.40919	175.48879 175.40919	100	0.00%	0.00%	163 163	141			Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
6382.211 6372.211	6262.211	175.74663	175.26095	175.26095	100	0.00%	0.00%	165	141	120	120.12692	Not Achieved Not Achieved	Vertical alignment	90 90
6362.211						0.00%						Achieved	Vertical alignment	90

Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous	Average Cred-	Sight Distance	Sight Distance	Sight Distance	Sight Distance Along	Sight Line Status	Obstruction	SSD Speed Achieved
Eye Position 6352.211		Eye Level 176.20292	Actual Level	Object Level 174.47003	Design Speed	Grade 0.00%	Average Grade	Required 163	Relaxed 141	Achieved	Sight Line Achieved 163.95165	- 0	oustruction	EDD 2sec RT (km/h)
6342.211	6177.211	176.33507	174.50403	174.50403	100	0.00%	0.00%	165	141	165	163.89424	Achieved		10
6332.211 6322.211	1 6167.211 1 6157.211	176.4346	174.52557	174.52557 174.53888	100	0.00%	0.00%	165	141	165	163.91887 163.91516			10
6312.211		176.58854	174.4524	174.4524	100	0.00%	0.00%	165	141	165	163.86006			10
6292.211	6127.211	176.50982	174.03358	174.03358	100	0.00%	0.00%	165	141	165	163.60923	Achieved		10
6282.211		176.42864 176.32994	173.78018	173.78018 173.57548	100	0.00%	0.00%	165	141	165	163.32424 162.98668			10
6262 211 6252 211		176.16095	173.43847	173.43847 173.31386	100	0.00%	0.00%	163	141		162.64876 162.35292			10
6242.211		175.73355	173.2165	173.2165	100	0.00%	0.00%	165	141	165				10
6232.211		175.54475	173.12478	173.12478	100	0.00%	0.00%	163	141	165	162.0983 162.19317	Achieved		10
6212.211	6047.211	175.32391	173.02181	173.02181	100	0.00%	0.00%	165	141	165	162.4127	Achieved		10
6202.211 6192.211			173.06145	173.05145 173.07088	100	0.00%	0.00%	165	141		162.74222 163.16747			10
6182.211 6172.211		175.39593 175.41082		173.10203 173.14428	100	0.00%	0.00%	165	141		163.67469 164.23638			10
6162.211	1 5997.211	175.43853	173.20157	173.20157	100	0.00%	0.00%	165	141	165	164.66373	Achieved		10
6152.211 6142.211				173.21234 173.21079	100	0.00%	0.00%	165	141					10
6132.211	1 5967.211	175.04938	173.21714	173.21714	100	0.00%	0.00%	165	141	165	165.14076	Achieved		10
6122.211 6112.211			173.23523	173.23523	100	0.00%	0.00%	165	141	165				10
6102.211 6092.211	1 5937.211 1 5927.211	174.40224	173.22225	173.22225	100	0.00%	0.00%	165	141	165	165.03197	Achieved		10
6082.211	1 5917.211	174.15223	173.29572	173.29572	100	0.00%	0.00%	165	141	165	165.00408	Achieved		10
6072.211	1 5907.211 1 5897.211	174.07211 173.96275	173.28981	173.28981 173.34367	100	0.00%	0.00%	165	141	165	165.00409			10
6052.211		173.88057	173.42423	173.42423	100	0.00%	0.00%	165	141					10
6042.211 6032.211	1 5867.211	173.94706 173.97002	173.4855	173.4855 173.53707	100	0.00%	0.00%	163 163	141 141	163	165.00414 165.00416	Achieved		10
6022.211 6012.211		173.96933 174.02384	173.53914	173.53914 173.4841	100	0.00%	0.00%	165	141					10
6002.211	1 5837.211	174.08744	173.38691	173.38691	100	0.00%	0.00%	165	141	165	164.98786	Achieved		10
5992.211 5982.211		174.1007 174.11908	173.27263	173.27263 173.13734	100	0.00%	0.00%	165	141	165		Achieved Achieved		10
5972.211 5962.211	1 5808.211	174.12201 174.12731	173.01134	173.01134 172.94318	100	0.00%	0.00%	165	141 141	164	163.98724	Relaxed	Vertical alignment Vertical alignment	10
5952.211		174.12751	172.54518	172.88054	100	0.00%	0.00%	165	141	154			Vertical alignment	10
5942.211 5932.211				172.7752	100	0.00%	0.00%	165 165	141 141		149.98708 143.98709		Vertical alignment Vertical alignment	10
5922.211	5776.211	174.17591	172.46033	172.46033	100	0.00%	0.00%	163	141	146	145.98704	Relaxed	Vertical alignment	10
5912.211 5902.211				172.00649	100	0.00%	0.00%	165	141			Achieved Achieved		10
5892.211				171.71936	100	0.00%	0.00%	165	141		164.99541 164.99559			10
5872.211	1 5707.211	174.42001	171.56311	171.56311	100	0.00%	0.00%	165	141	165	164.9958			10
5862.211		174.44358	171.53267	171.53267	100	0.00%	0.00%	165	141	165	164.99605			10
5842.211	1 5677.211	174.33698	171.52215	171.52215	100	0.00%	0.00%	165	141	165	165.00828	Achieved		10
5832.211 5822.211	1 5667.211 1 5657.211	174.23057 174.10944	171.5563	171.5563	100	0.00%	0.00%	165	141	165				10
5812.211		173.96249 173.84318	171.67565	171.67565	100	0.00%	0.00%	163	141	165	165.00828			10
5792.211	1 5627.211	173.6752	171.88038	171.88038	100	0.00%	0.00%	165	141	165	165.00828			10
5782.211		173.4799	171.98869	171.98869	100	0.00%	0.00%	165	141	165	165.00828			10
5762.211	1 5597.211	173.10586	172.20262	172.20262	100	0.00%	0.00%	165	141	165	165.00796	Achieved		10
5752.211		172.96831	172.26391	172.26391 172.29651	100	0.00%	0.00%	165	141		165.02644			10
5732.211		172.68382	172.3049	172.3049	100	0.00%	0.00%	163	141	165	163.03647 163.06671			10
5712.211		172.51089	172.24109	172.28677	100	0.00%	0.00%	165	141	165	165.07235			10
5702.211		172.44533	172.15632	172.15632	100	0.00%	0.00%	163	141		165.07317 162.07149		Vertical alignment	10
5682.211		172.42281	172.04574	172.04574	100	0.00%	0.00%	165	141	152	152.07363	Relaxed	Vertical alignment	10
5672.211	1 5530.211 1 5528.211	172.43749	172.04574	172.04574	100	0.00%	0.00%	165	141		142.07606 134.07809		Vertical alignment Vertical alignment	10
5652.211 5642.211		172.5417		171.99718 171.94796	100	0.00%	0.00%	165 165	141			Not Achieved Not Achieved	Vertical alignment Vertical alignment	9
5632.211	1 5524.211	172.73487	171.89961	171.89961	100	0.00%	0.00%	165	141	108	108.09013	Not Achieved	Vertical alignment	8
5622.211		172.82822	171.80524	171.80524	100	0.00%	0.00%	165	141	102		Not Achieved	Vertical alignment Vertical alignment	5
5602.211	5508.211	173.06285	171.51791	171.51791	100	0.00%	0.00%	165	141	94	94.10217	Not Achieved	Vertical alignment	7
5592.211		173.13683 173.18283		171.24507 171.08404	100	0.00%	0.00%	165	141			Not Achieved	Vertical alignment Vertical alignment	7
5572.211	1 5490.211	173.20536	170.83615	170.83615	100	0.00%	0.00%	165	141	82	82.07705	Not Achieved	Vertical alignment	
5562.211 5552.211	5472.211	173.16803		170.47255 169.92895	100	0.00%	0.00%	163 163	141 141	80	79.9411	Not Achieved Not Achieved	Vertical alignment Vertical alignment	
5542.211 5532.211		173.10354	169.30817	169.30817 163.68727	100	0.00%	0.00%	165	141 141			Not Achieved Relaxed	Vertical alignment Inside Curve	1
5522.211	1 5360.211	172.75149	162.86239	162.86239	100	0.00%	0.00%	165	141	162	159.87439	Relaxed	Inside Curve	10
5512.211 5502.211	1 5337.211	172.21821	161.60867	161.60867	100	0.00%	0.00%	163	141	165	163.17376	Achieved		10
5492.211 5482.211	1 5327.211	171.81961	161.15426	161.15426 160.93363	100	0.00%	0.00%	165		165	163.4568	Achieved Achieved		10
5472.211	1 5307.211	170.82895	160.93306	160.93306	100	0.00%	0.00%	165	141	165	164.17423	Achieved		10
5462.211 5452.211					100	0.00%	0.00%	165						1
5442.211	1 5277.211	168.93757	161.35716	161.35716	100	0.00%	0.00%	165	141	165	164.82005	Achieved	BRIDGE	10
5432.211 5422.211	1 5270.211		161.43937 161.43937	161.45957 161.45957	100	0.00%	0.00%	165 165	141 141	152	151.99772	Relaxed	BRIDGE	
5412.211 5402.211				161.45957 161.45957	100	0.00%	0.00%	163 163	141		142.02028	Relaxed Not Achieved	BRIDGE BRIDGE	
5392.211	1 5270.211	165.66576	161.45957	161.45957	100	0.00%	0.00%	165	141	122	122.0207	Not Achieved	BRIDGE	
5382.211 5372.211		165.08789 164.46237		161.45957	100	0.00%	0.00%	165	141			Not Achieved Not Achieved	BRIDGE BRIDGE	
5362.211	1 5270.211	163.87488	161.45957	161.45957	100	0.00%	0.00%	165	141	92	92.02169	Not Achieved	BRIDGE	
5352.211 5342.211		163.32383 162.76824	161.43937	161.43937 161.43937	100	0.00%	0.00%	163	141 141	82		Not Achieved Not Achieved	BRIDGE BRIDGE	
5332.211 5322.211		162.26322 161.89859	161.43937	161.45957 161.45957	100	0.00% 0.00%	0.00%	163 163	141 141			Not Achieved Not Achieved	BRIDGE BRIDGE	
5312.211	5270.211	161.82005	161.45957	161.45957	100	0.00%	0.00%	165	141	42	42.00281	Not Achieved	BRIDGE	
5302.211 5292.211		161.8644	161.43937	161.45957 161.45957	100	0.00% 0.00%	0.00%	165 165	141 141	32		Not Achieved Not Achieved	BRIDGE BRIDGE	
5282 211	5270.211	162.17393	161.45957	161.45957	100	0.00%	0.00%	165	141	12	12	Not Achieved	BRIDGE	
5272.211 5252.211		162.33008 162.65977	161.45957	161.45957 174.32712	100	0.00%	0.00%	165	141			Not Achieved Not Achieved	BRIDGE Vertical alignment	
5242.211 5232.211	1 5134.211		174.01835		100	0.00%	0.00%	165	141	108	108.11601	Not Achieved Not Achieved	Vertical alignment	
5222.211	1 5136.211	164.93527	173.86147	173.86147	100	0.00%	0.00%	165	141	86	86.13398	Not Achieved	Vertical alignment Vertical alignment	
5212.211 5202.211			173.86147	173.86147 174.17263	100	0.00%	0.00%	165	141			Not Achieved Not Achieved	Vertical alignment Vertical alignment	
5192.211	1 5126.211	168.56084	174.62295	174.62295	100	0.00%	0.00%	165	141	66	66.11342	Not Achieved	Vertical alignment	
5182.211 5172.211				175.33682	100	0.00%	0.00%	165	141			Not Achieved Not Achieved	Vertical alignment Vertical alignment	
5162.211	5088.211	172.23957	176.88932	176.88932 177.26832	100	0.00%	0.00%	163	141	74	74.10537	Not Achieved	Vertical alignment	
5152.211 5142.211													Vertical alignment Vertical alignment	

	aut					Instantaneous		Sight Distance	Sight Distance	Sight Distance	Sight Distance Along	e		SSD Speed Achieved
Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Grade	Average Grade	Required	Relaxed	Achieved	Sight Line Achieved	Sight Line Status	Obstruction	EDD 2sec RT (km/h)
5132.211 5122.211	5042.211 4957.211	175.07263 175.8188		178.26993 179.82324	100	0.00%	0.00%	165	141 141	90 163	164.36076		Vertical alignment	70
5112.211 5102.211	4947.211 4937.211	176.49269	180.0123	180.0123	100	0.00%	0.00%	165	141	165	164.38971			100
5092.211 5082.211	4927.211 4917.211	177.59615		180.3975 180.64014	100	0.00%	0.00%	165	141	163	164.58509	Achieved		100
5072.211	4907.211	178.37751	180.94801	180.94801	100	0.00%	0.00%	165	141 141	163	164.72357 164.83902	Achieved		100
5062.211 5052.211	4897.211 4887.211	178.68544	181.24832 181.58931	181.24832 181.58931	100	0.00%	0.00%	165	141	165	164.93644			100
5042.211 5032.211	4877.211 4867.211	179.16993	181.99521 182.43728	181.99521 182.43728	100	0.00%	0.00%	163 163	141 141	163	165.06733 165.09289			100
5022.211	4857.211	179.60429	182.90927	182.90927	100	0.00%	0.00%	165	141	165	165.09517	Achieved		100
5012.211 5002.211	4847.211 4837.211	179.76804 179.93996	183.42578 184.00429	183.42578 184.00429	100	0.00%	0.00%	163 163	141 141	163	165.08982			100
4992.211	4827.211 4817.211	180.1281	184.62705	184.62705 185.30904	100	0.00%	0.00%	165	141		165.05935	Achieved		100
4972.211	4807.211	180.43554	186.06039	186.06039	100	0.00%	0.00%	163	141	163	165.00647			100
4952.211	4787.211	180.81523	187.98835	187.98835	100	0.00%	0.00%	165	141	163	165.0065	Achieved		100
4942.211 4932.211	4777.211	181.00073 181.19871	189.1644 190.37793	189.1644 190.37793	100	0.00%	0.00%	165	141	165	165.00653			100
4922.211	4757.211	181.40926	191.6717	191.6717	100	0.00%	0.00%	163	141	163	164.9933	Achieved		100
4902.211	4737.211	181.99495	194.12153	194.12153	100	0.00%	0.00%	165	141	163	164.83196	Achieved		100
4892.211 4882.211	4727.211	182.31156 182.68666	195.19799 196.13791	195.19799 196.13791	100	0.00%	0.00%	163	141 141	163	164.65355	Achieved		100
4872.211 4862.211	4707.211 4697.211	183.11538 183.56898		196.96575 197.67489	100	0.00%	0.00%	163	141	163	164.03699			100
4852.211	4687.211 4677.211	184.06274 184.61139	198.30195	198.30195 198.83415	100	0.00% 0.00%	0.00%	165 165	141 141	163	163.20339			100
4832.211	4678.211	185.21014	198.78444	198.78444	100	0.00%	0.00%	165	141	154	151.91306	Relaxed	Vertical alignment	100
4822.211 4812.211	4682.211 4684.211	185.863	198.38075 198.47055	198.58075 198.47055	100	0.00%	0.00%	165	141	140		Not Achieved	Vertical alignment Vertical alignment	90
4802.211	4686.211 4686.211			198.35983 198.35983	100	0.00%	0.00%	165	141	116	114.41227	Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
4782.211	4684.211	189.46416	198.47055	198.47055	100	0.00%	0.00%	165	141	98	96.53017	Not Achieved	Vertical alignment	70
4772.211 4762.211	4680.211 4674.211	190.65828 191.9235	198.68444 198.97568	198.97568	100	0.00%	0.00%	165 165	141 141	92	86.6142	Not Achieved Not Achieved	Vertical alignment Vertical alignment	70
4752.211 4742.211		193.21116 194.43767	199.32968 199.54411	199.32968 199.54411	100	0.00%	0.00%	163 163	141 141			Not Achieved Not Achieved	Vertical alignment Vertical alignment	70
4732.211	4654.211 4650.211	195.57834 196.58399	199.7003 199.77241	199.7003 199.77241	100	0.00%	0.00%	163 163	141	78	77.25305	Not Achieved Not Achieved	Vertical alignment Vertical alignment	60
4712.211	4646.211	197.46391	199.8245	199.8245	100	0.00%	0.00%	165	141	66	65.64431	Not Achieved	Vertical alignment	60
4702.211 4692.211	4640.211 4634.211	198.23301 198.90059	199.81189	199.84586 199.81189	100 100	0.00%	0.00%	165 165	141 141	58	57.81241	Not Achieved Not Achieved	Vertical alignment Vertical alignment	50
4682.211 4672.211	4628.211	199.48075	199.72113	199.72113	100	0.00%	0.00%	165	141	54		Not Achieved	Vertical alignment Vertical alignment	50
4652.211	4598.211 4487.211	200.37971 200.64137	198.81465	198.81465 197.5928	100	0.00%	0.00%	165	141	64 163		Not Achieved	Vertical alignment	60 100
4652.211	4487.211	200.84137	197.70202	197.70202	100	0.00%	0.00%	165	141	165	164.89007			100
4632.211 4622.211	4467.211 4457.211	200.6872 200.50224	197.80974 197.89424	197.80974 197.89424	100	0.00%	0.00%	165	141	165	164.94918	Achieved Achieved		100
4612.211 4602.211	4447.211	200.2322		197.97813 198.03574	100	0.00%	0.00%	163	141		164.98227	Achieved		100
4592.211	4427.211	199.476	198.07279	198.07279	100	0.00%	0.00%	165	141	163	165.00609	Achieved		100
4582.211 4572.211	4417.211 4407.211	199.15126 198.87119	198.10932 198.13063	198.10932 198.13063	100	0.00%	0.00%	165	141 141	163	165.00816			100
4562.211 4552.211	4397.211 4387.211	198.65107 198.5062	198.15681	198.15681 198.16677	100	0.00%	0.00%	165	141	163	165.00796 165.00788			100
4542.211	4377.211 4367.211	198.40935	198.16378 198.18247	198.16378 198.18247	100	0.00%	0.00%	165	141	163	165.00781 165.00776	Achieved		100
4522.211	4357.211	198.35249	198.18765	198.18765	100	0.00%	0.00%	165	141	165	165.00773	Achieved		100
4512.211 4502.211	4347.211 4337.211	198.3761 198.40206	198.22259 198.37741	198.22259 198.37741	100	0.00%	0.00%	163	141	163	165.00772			100
4492.211	4327.211	198.43462 198.54357	198.56048 198.80125	198.56048 198.80125	100	0.00%	0.00%	165	141		165.00583			100
4472.211	4307.211	198.66059 198.75038	199.11949 199.50031	199.11949 199.50031	100	0.00%	0.00%	163	141	163	165.00536	Achieved		100
4452.211	4287.211	198.83862	199.8925	199.8925	100	0.00%	0.00%	165	141	163	165.00553	Achieved		100
4442.211 4432.211	4277.211 4267.211	198.90477 198.95671	200.29515	200.29515 200.7545	100	0.00%	0.00%	165	141	165	165.00563			100
4422.211	4257.211	198.99086 199.02478	201.22508	201.22508 201.70938	100	0.00%	0.00%	165	141	165		Achieved Achieved		100
4402.211	4237.211	199.04197	202.22297	202.22297	100	0.00%	0.00%	165	141	165	164.9974	Achieved		100
4392.211 4382.211	4227.211 4217.211	199.06582 199.06331	202.76427 203.32503	202.76427 203.32503	100	0.00%	0.00%	165	141 141	163	164.99741 164.99741	Achieved		100
4372.211 4362.211				203.88507 204.40845	100	0.00%	0.00%	165	141		164.99741			100
4352.211		199.09244 199.18769	204.88684 205.35238	204.88684 205.35238	100	0.00%	0.00%	163	141	165		Achieved		100
4332.211	4167.211	199.37011	205.80389	205.80389	100	0.00%	0.00%	165	141	165	165.02948			100
4322.211 4312.211	4147.211	199.57032 199.85078	206.26297 206.69288	206.26297 206.69288	100	0.00%	0.00%	163 163	141 141		165.02999	Achieved		100
4302.211		200.20713 200.59754		207.03096 207.28614	100	0.00% 0.00%	0.00%	163 163	141 141		165.10471	Achieved Achieved		100
4282.211	4128.211	200.98588	207.26567	207.26567	100	0.00%	0.00%	165	141	154	154.12076	Relaxed	Vertical alignment	100
4272.211 4262.211	4126.211	201.42027 201.89216	207.30239	207.26567 207.30239	100	0.00%	0.00%	163	141	136		Not Achieved	Vertical alignment Vertical alignment	100
4252.211 4242.211		202.36355 202.86233		207.30239 207.3281	100	0.00%	0.00%	165	141 141			Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
4232.211	4122.211	203.3917	207.35439 207.37013	207.35439 207.37013	100	0.00%	0.00%	163 163	141	110	110.13106	Not Achieved Not Achieved	Vertical alignment Vertical alignment	80 80
4212.211	4116.211	204.50944	207.38692	207.38692	100	0.00%	0.00%	165	141	96	96.13559	Not Achieved	Vertical alignment	70
4202.211 4192.211	4112.211	205.55188	207.3593		100	0.00%	0.00%	165 165	141 141	80	80.15337	Not Achieved Not Achieved	Vertical alignment Vertical alignment	70
4182.211 4172.211	4110.211 4108.211	205.02125	207.33253 207.29915	207.33253 207.29915	100	0.00%	0.00%	165	141 141			Not Achieved Not Achieved	Vertical alignment Vertical alignment	60 60
4162.211	4104.211	206.93116	207.21668	207.21668	100	0.00%	0.00%	165	141	58	58.15333	Not Achieved Not Achieved	Vertical alignment	50
4152.211 4142.211	4092.211		206.81255	207.1141 206.81255	100	0.00%	0.00%	165	141 141	50	50.14862	Not Achieved	Vertical alignment Vertical alignment	50
4132.211 4122.211	4082.211 4052.211	208.07794 208.25439		206.3222 204.54249	100	0.00%	0.00%	163 163	141 141			Not Achieved Not Achieved	Vertical alignment Vertical alignment	50
4112.211 4102.211					100	0.00%	0.00%	163	141		75.92382	Not Achieved Not Achieved	Vertical alignment Vertical alignment	60
4092.211	4006.211	207.71255	200.5464	200.5464	100	0.00%	0.00%	165	141	86	85.87718	Not Achieved	Vertical alignment	70
4082.211 4072.211	3907.211	207.2222 206.69038	196.17005	196.2455 196.17005	100	0.00%	0.00%	165	141 141	165	164.95582			100
4062.211 4052.211		205.09986 205.44249	196.11321 196.06513	196.11321 196.06513	100	0.00%	0.00%	165 165	141 141		164.94818 164.94344			100
4042.211	3877.211	204.68264	196.03826	196.03826	100	0.00%	0.00%	165	141	165	164.94864	Achieved		100
4032.211 4022.211	3857.211	203.84154 202.94718		196.01593 195.9406	100	0.00%	0.00%	165	141 141	165	164.98374			100
4012.211 4002.211		202.00645 201.06931		195.8732 195.81407	100	0.00%	0.00%	163	141		165.00699			100
3992.211 3982.211	3827.211	200.16072	195.79146		100	0.00%	0.00%	165	141	165	163.06136	Achieved		100
3972.211	3807.211	198.64027	195.71129	195.71129	100	0.00%	0.00%	165	141	163	165.07263	Achieved		100
3962.211 3952.211				195.69888 195.66734	100	0.00%	0.00%	165	141		165.07154			100
3942.211 3932.211				195.61098 195.58159	100 100	0.00% 0.00%	0.00%	163 163	141 141		165.05522 165.03202			100
		201.20331	200.00233		200	0.00/0	0.00/6	203		203	200.03202			100

Eve Position	Object Position	Eve Level	Actual Level	Object Level	Design Second	Instantaneous	Average Grade	Sight Distance	Sight Distance	Sight Distance	Sight Distance Along	Sight Line Status	Obstruction	SSD Speed Achieved
Eye Position 3922.211	Object Position 3757.211	Eye Level 197.18622	Actual Level	Object Level	Design Speed	Grade 0.00%	Average Grade	Required 163	Relaxed 141	Achieved	Sight Line Achieved		oustruction	EDD 2sec RT (km/h)
3912.211	3747.211	197.10074	195.61149	195.61149	100	0.00%	0.00%	165	141	165	165.01443	Achieved		100
3902.211 3892.211	3737.211 3727.211	197.04069	195.63454	195.63434 195.65246	100	0.00%	0.00%	165	141	165	165.00211 165.00481			100
3882.211 3872.211	3717.211 3707.211	196.94729 196.93222	195.68705	195.68705 195.71979	100	0.00%	0.00%	165	141	165	165.00502			100
3862.211	3697.211	196.88401	195.71755	195.71755	100	0.00%	0.00%	165	141	165	165.00494	Achieved		100
3852.211 3842.211	3687.211 3677.211	196.80354 196.7392	195.72141	195.72141 195.74069	100	0.00%	0.00%	165	141	165	165.00491			100
3832.211 3822.211	3667.211 3657.211	196.70392 196.66913	195.77449	195.77449 195.79836	100	0.00%	0.00%	163	141					100
3812.211	3647.211	196.63143	195.80085	195.80085	100	0.00%	0.00%	165	141	165	165.00486	Achieved		100
3802.211 3792.211	3637.211 3627.211	196.60683	195.77623	195.77623	100	0.00%	0.00%	165	141	165	165.00486			10
3782.211	3617.211	196.53946		195.70562	100	0.00%	0.00%	165	141		165.0049	Achieved		10
3772.211 3762.211	3607.211 3597.211	196.47223	195.55534	195.54844 195.55534	100	0.00%	0.00%	163 163	141 141	165	165.00495			10
3752.211 3742.211	3587.211 3577.211	196.49624 196.53016		195.45325	100	0.00%	0.00%	165	141		165.00499			10
3732.211 3722.211	3567.211 3557.211	196.5417	195.23637	195.23637 195.16043	100	0.00%	0.00%	165	141	165	165.00276			10
3712.211	3547.211	196.60857	195.10649		100	0.00%	0.00%	165	141	165		Achieved		10
3702.211 3692.211	3537.211 3527.211		195.06201	195.06201	100	0.00%	0.00%	165	141			Achieved		10
3682.211	3517.211	196.62739	195.0019	195.0019	100	0.00%	0.00%	165	141	165	165	Achieved		10
3672.211 3662.211	3507.211 3497.211	196.65593 196.68885	194.98984 194.98732	194.98984 194.98732	100	0.00%	0.00%	163	141	163	165	Achieved Achieved		10
3652.211 3642.211	3487.211 3477.211	196.70169 196.69281	194.98081	194.98081 194.9898	100	0.00%	0.00%	163	141	165	165	Achieved		10
3632.211	3467.211	196.65429	195.00921	195.00921	100	0.00%	0.00%	165	141	165	165	Achieved		10
3622.211 3612.211	3457.211 3447.211	196.6201 196.58243	195.01966	195.01966 194.99643	100	0.00%	0.00%	165	141	165	165	Achieved Achieved		10
3602.211	3437.211 3427.211	196.50285 196.40828	194.95601	194.93601 194.9238	100	0.00%	0.00%	163	141	165	164.99758	Achieved		10
3582.211	3417.211	196.29725	194.87298	194.87298	100	0.00%	0.00%	165	141	165	164.99627	Achieved		10
3572.211 3562.211	3407.211 3397.211	196.18572 196.09653	194.83347	194.83347 194.80883	100	0.00%	0.00%	165	141	165	164.99625			10
3552.211	3387.211	196.02971	194.80339	194.80339	100	0.00%	0.00%	165	141	165	164.99622	Achieved		10
3542.211 3532.211	3377.211 3367.211			194.80322 194.80735	100	0.00%	0.00%	165 165	141 141			Achieved		10
3522.211 3512.211	3357.211 3347.211		194.80399	194.80399 194.78805	100	0.00%	0.00%	163	141		164.99621 164.99621			10
3502.211	3337.211	195.89261	194.77891	194.77891	100	0.00%	0.00%	165	141	165	164.99621	Achieved		10
3492.211 3482.211	3327.211 3317.211	195.88232	194.78839	194.77474 194.78839	100	0.00%	0.00%	163 163	141 141	165	164.99622 164.99624	Achieved		10
3472.211 3462.211	3307.211 3297.211				100	0.00%	0.00%	165	141	165				10
3452.211	3287.211	195.91195	194.85346	194.85346	100	0.00%	0.00%	165	141	165	164.99647	Achieved		10
3442.211 3432.211	3277.211 3267.211	195.87584 195.83994		194.86635 194.84534	100	0.00%	0.00%	165	141	165				10
3422.211	3257.211	195.79378	194.82156	194.82156	100	0.00%	0.00%	165	141	165	165.00369	Achieved		10
3412.211 3402.211	3247.211 3237.211	195.75784 195.71694	194.79081	194.79081 194.76365	100	0.00%	0.00%	163	141 141	165	165.00563			10
3392.211 3382.211	3227.211 3217.211	195.70208 195.70443	194.74007	194.74007 194.69168	100	0.00%	0.00%	163	141		165.00368 165.00217			10
3372.211	3207.211	195.70359	194.65618	194.65618	100	0.00%	0.00%	165	141	165	165.02949	Achieved		10
3362.211 3352.211	3197.211 3187.211	195.71043 195.69619	194.63277	194.53277 194.5826	100	0.00%	0.00%	165	141	165	165.06394			10
3342.211 3332.211	3177.211 3167.211	195.68249	194.51436	194.51436 194.40378	100	0.00%	0.00%	165	141					10
3322.211	3157.211	195.68622	194.23645	194.23645	100	0.00%	0.00%	165	141	165	165.06795	Achieved		10
3312.211 3302.211	3147.211 3137.211	195.68899		194.03024 193.78997	100	0.00%	0.00%	165	141	165	165.0055 164.96237	Achieved Achieved		10
3292.211 3282.211	3127.211 3126.211	195.73666 195.76401	193.51729	193.51729 193.48566	100	0.00%	0.00%	165	141		164.92157	Achieved	Vertical alignment	10
3272.211	3124.211	195.76021	193.42303	193.42303	100	0.00%	0.00%	165	141	148	147.94375	Relaxed	Vertical alignment Vertical alignment	10
3262.211 3252.211	3122.211 3120.211	195.73033 195.70861	193.36101	193.36101 193.29295	100	0.00%	0.00%	165	141			Not Achieved Not Achieved	Vertical alignment Vertical alignment	9
3242.211	3118.211 3116.211	195.67293	193.22582	193.22582 193.15431	100	0.00%	0.00%	163	141	124	123.99204	Not Achieved	Vertical alignment	9
3232.211 3222.211	3112.211	195.6114	192.99777	192.99777	100	0.00%	0.00%	165	141	110	110.06385	Not Achieved Not Achieved	Vertical alignment Vertical alignment	8
3212.211 3202.211	3110.211 3108.211			192.90216 192.80575	100	0.00%	0.00%	165	141	102		Not Achieved Not Achieved	Vertical alignment Vertical alignment	8
3192.211	3106.211	195.51129	192.69841	192.69841	100	0.00%	0.00%	165	141	86	86.15329	Not Achieved	Vertical alignment	-
3182.211 3172.211	3102.211 3100.211	195.45076 195.37236	192.46036	192.46036 192.32071	100	0.00%	0.00%	165	141	80		Not Achieved Not Achieved	Vertical alignment Vertical alignment	6
3162.211 3152.211	3098.211 3094.211	195.22959 195.04061	192.1804 191.87317	192.1804 191.87317	100	0.00%	0.00%	163 163	141	64	64.11021	Not Achieved Not Achieved	Vertical alignment Vertical alignment	
3142.211	3090.211	194.81181	191.54527	191.54527	100	0.00%	0.00%	165	141	52	52.09093	Not Achieved	Vertical alignment	
3132.211 3122.211	3076.211 3034.211	194.55803 194.26101	190.33291	190.33291 186.36709	100	0.00%	0.00%	165	141	56		Not Achieved Not Achieved	Vertical alignment Vertical alignment	
3112.211 3102.211	2947.211 2937.211	193.89777		177.57748	100	0.00%	0.00%	163	141		164.83793 164.70797	Achieved		10
3092.211	2927.211	192.61488	175.51649	175.51649	100	0.00%	0.00%	165	141	165	164.54628	Achieved		10
3082.211 3072.211	2917.211 2907.211		174.52272	174.52272 173.62199	100	0.00%	0.00%	163	141		164.36837 164.20791			10
3062.211	2897.211	189.97554	172.71021	172.71021	100	0.00%	0.00%	165	141	165	164.03402	Achieved		10
3052.211 3042.211	2887.211 2877.211	188.03657	171.1333	171.85546 171.1333	100	0.00%	0.00%	165	141 141	165	163.93233 163.83867	Achieved		10
3032.211 3022.211	2867.211 2857.211			170.54853 170.0896	100	0.00%	0.00%	165						10
3012.211	2847.211	185.1212	169.75177	169.75177	100	0.00%	0.00%	165	141	165	162.90355	Achieved		10
3002.211 2992.211	2827.211	183.13169	169.48567	169.48567	100	0.00%	0.00%	163 163	141	165	161.00933	Achieved		10
2982.211 2972.211	2817.211 2807.211	182.13015	169.53388	169.53388 169.58416	100	0.00%	0.00%	163 163	141	165	159.38047	Achieved		10
2962.211	2797.211	180.04788	169.66395	169.66395	100	0.00%	0.00%	165	141	165	154.75336	Achieved		10
2952.211 2942.211					100	0.00%	0.00%	165	141					10
2932.211	2767.211	176.92926	169.91002	169.91002	100	0.00%	0.00%	165	141	165	147.24454	Achieved		10
2922.211 2912.211	2757.211 2747.211	175.90969	170.0988	170.00668 170.0988	100	0.00%	0.00%	165 165	141 141	165		Achieved		10
2902.211 2892.211	2746.211 2746.211	174.06549 173.17555	170.10172	170.10172 170.10172	100	0.00%	0.00%	163 163	141 141	136 146	136.87417		BRIDGE BRIDGE	
2882.211	2746.211	172.3726	170.10172	170.10172	100	0.00%	0.00%	165	141	136	122.30649	Not Achieved	BRIDGE	
2872.211 2862.211	2746.211 2746.211	171.72726	170.10172	170.10172	100	0.00%	0.00%	165	141	126		Not Achieved Not Achieved	BRIDGE BRIDGE	
2852.211 2842.211	2746.211 2746.211		170.10172	170.10172	100	0.00%	0.00%	163 163	141	106	98.88137	Not Achieved Not Achieved	BRIDGE BRIDGE	
2832.211	2746.211	170.39525	170.10172	170.10172	100	0.00%	0.00%	165	141	86	81.69782	Not Achieved	BRIDGE	
2822.211 2812.211	2746.211 2746.211	170.40722		170.10172 170.10172	100	0.00%	0.00%	163	141 141			Not Achieved Not Achieved	BRIDGE BRIDGE	
2802.211	2746.211 2746.211	170.52429	170.10172	170.10172	100	0.00%	0.00%	165	141	56	54.3082	Not Achieved Not Achieved	BRIDGE	
2792.211 2782.211	2746.211	170.67951	170.10172	170.10172 170.10172	100	0.00%	0.00%	165	141	36	35.20948	Not Achieved	BRIDGE BRIDGE	
2772.211 2762.211	2746.211 2746.211			170.10172	100	0.00%	0.00%	165	141			Not Achieved Not Achieved	BRIDGE BRIDGE	
2752.211	2746.211	170.9588	170.10172	170.10172	100	0.00%	0.00%	165	141	6	5.9271	Not Achieved	BRIDGE	
2742.211 2732.211	2680.211 2682.211	166.61695	170.16214	170.17548 170.16214	100	0.00%	0.00%	163 163	141 141	50	50	Not Achieved Not Achieved	BRIDGE BRIDGE	
2692.211	2686.211	166.54886	166.35165	166.35165	100	0.00%	0.00%	165				Not Achieved	BRIDGE	

Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous	Average Grade	Sight Distance	Sight Distance	Sight Distance	Sight Distance Along	Sight Line Status	Obstruction	SSD Speed Achieved
2682.211	2517.211	171.06214	173.25666	173.25666	100	Grade 0.00%	0.00%	Required 165	Relaxed 141	Achieved 163	Sight Line Achieved 157.35457	-		EDD 2sec RT (km/h) 100
2672.211	2507.211	171.13097	173.62635	173.62635	100	0.00%	0.00%	165	141	165	158.68207	Achieved		100
2652.211	2497.211 2487.211	171.20493 171.3388	173.98293 174.36846	173.98293 174.36846	100	0.00%	0.00%	165	141	165	160.23388			100
2642.211	2477.211	171.49839	174.79393	174.79393	100	0.00%	0.00%	165	141	165	162.99248			100
2632.211 2622.211	2467.211 2457.211	171.63275	175.20853 175.61964	175.20853	100	0.00%	0.00%	165	141	165	163.95036			100
2612.211	2447.211	171.99004	176.01012	176.01012	100	0.00%	0.00%	165	141	165	164.82061			100
2602.211 2592.211	2437.211 2427.211	172.21502	176.39474 176.78281	176.39474 176.78281	100	0.00%	0.00%	165	141	165	164.76798 164.46338			100
2582.211	2417.211 2408.211	172.62875	177.16668	177.16668	100	0.00%	0.00%	165	141	163	164.01346		Include County	100
2562.211	2408.211	172.96246	177.52699	177.52699	100	0.00%	0.00%	165	141 141	154	162.60932 132.60792		Inside Curve Inside Curve	100
2552.211 2542.211	2406.211 2406.211	173.16434 173.40395	177.61152	177.61152	100	0.00%	0.00%	165	141	146 136	144.56195	Relaxed Not Achieved	Inside Curve Inside Curve	100
2532.211	2404.211	173.68521	177.69867	177.69867	100	0.00%	0.00%	165	141	128	126.57028	Not Achieved	Inside Curve	90
2522.211 2512.211	2400.211 2396.211	173.98384	177.87415	177.87415	100	0.00%	0.00%	165	141	122		Not Achieved Not Achieved	Inside Curve Inside Curve	90
2502.211	2390.211	174.70559	178.32743	178.32743	100	0.00%	0.00%	165	141	112	110.36215	Not Achieved	Inside Curve	80
2492.211 2482.211	2382.211 2370.211	175.07072	178.71008	178.71008 179.32855	100	0.00%	0.00%	165	141	110		Not Achieved Not Achieved	Inside Curve Inside Curve	80
2472.211	2307.211	175.90489	183.14009	183.14009	100	0.00%	0.00%	165	141	163	159.8861	Achieved		100
2462.211 2452.211	2297.211 2287.211	176.31712 176.71743	183.64684 184.14524	183.54684 184.14524	100	0.00%	0.00%	165	141	165	159.93369			100
2442.211	2277.211	177.10273	184.66383	184.66383	100	0.00%	0.00%	165	141	165	160.37399			100
2432.211 2422.211	2267.211 2257.211	177.48989 177.87761	185.19815 185.7213	185.19815 185.7213	100	0.00%	0.00%	165	141	165	160.65975			100
2412.211	2247.211 2237.211	178.26	186.24434 186.7628	186.24434	100	0.00%	0.00%	165	141	165	161.29913			100
2402.211 2392.211	2237.211 2227.211	178.68571 179.13417	186./628	186.7628 187.25357	100	0.00%	0.00%	165	141	165	161.64605			100
2382.211 2372.211	2217.211 2207.211	179.61008	187.70229	187.70229	100	0.00%	0.00%	165	141	165	162.51233	Achieved Achieved		100
2362.211	2197.211	180.69608	188.36858	188.36858	100	0.00%	0.00%	165	141	163	163.44897	Achieved		100
2352.211 2342.211	2198.211 2196.211	181.34627 181.98297	188.34543 188.39117	188.34543 188.39117	100	0.00%	0.00%	165	141	134	152.92809		Vertical alignment Vertical alignment	100
2332.211	2196.211	182.59143	188.39117	188.39117	100	0.00%	0.00%	165	141	136	135.58767	Not Achieved	Vertical alignment	90
2322.211 2312.211	2194.211 2192.211	183.19877 183.76431	188.43448 188.48345	188.43448 188.48345	100	0.00%	0.00%	165	141	128		Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
2302.211	2190.211	184.30052	188.5242	188.5242	100	0.00%	0.00%	165	141	112	111.89085	Not Achieved	Vertical alignment	80
2292.211 2282.211	2190.211 2186.211	184.79427 185.29919	188.5242 188.59721	188.5242 188.59721	100	0.00%	0.00%	165	141	102		Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
2272.211	2182.211	185.83222	188.66189	188.66189	100	0.00%	0.00%	165	141	90	89.97556	Not Achieved	Vertical alignment	70
2262.211 2252.211	2178.211 2168.211	186.35888 186.88168	188.72294 188.84839	188.72294 188.84839	100	0.00%	0.00%	165	141	84 84	83.98033	Not Achieved Not Achieved	Vertical alignment Vertical alignment	70
2242.211	2077.211	187.40332 187.90712	192.26853	192.26853 192.75118	100	0.00%	0.00%	165	141					100
2232.211 2222.211	2067.211 2057.211	188.38677	192.75118 193.24672	193.24672	100	0.00%	0.00%	165	141 141	165	164.84315	Achieved		100
2212.211 2202.211	2047.211 2037.211	188.79974 189.1316	193.73165 194.23778	193.73165 194.23778	100	0.00%	0.00%	165	141	165	164.80954 164.77021			100
2192.211	2027.211	189.38345	194.75413	194.75413	100	0.00%	0.00%	165	141	165	164.74006			100
2182.211 2172.211	2017.211 2007.211	189.56189	195.31586 195.85919	195.31586	100	0.00%	0.00%	165	141	165	164.70165			100
2162.211	1997.211	189.83697	196.39046	196.39046	100	0.00%	0.00%	165	141	165	164.62874			100
2152.211 2142.211	1987.211 1977.211	190.01237 190.24711	196.8725	196.8725	100	0.00%	0.00%	165	141	165	164.61706			100
2132.211	1967.211	190.53527	197.55666	197.55666	100	0.00%	0.00%	165	141	165	164.63295	Achieved		100
2122.211 2112.211	1964.211 1964.211	190.895	197.63123 197.63123	197.63123 197.63123	100	0.00%	0.00%	165	141	158	157.66222		Vertical alignment Vertical alignment	100
2102.211	1964.211	191.88253	197.63123	197.63123	100	0.00%	0.00%	165	141	138	137.75538	Not Achieved	Vertical alignment	90
2092.211 2082.211	1962.211 1962.211	192.41109	197.68221	197.68221	100	0.00%	0.00%	165	141	130		Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
2072.211	1960.211	193.40689	197.72389	197.72389	100	0.00%	0.00%	165	141	112	111.86379	Not Achieved	Vertical alignment	80
2052.211	1960.211 1958.211	193.89956 194.38934	197.72389 197.76268	197.72389 197.76268	100	0.00%	0.00%	165	141	102		Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
2042.211 2032.211	1956.211	194.88159 195.39473	197.79705 197.8832	197.79705 197.8832	100	0.00%	0.00%	165	141	86		Not Achieved Not Achieved	Vertical alignment	70
2022.211	1944.211	195.92688	197.95898	197.95898	100	0.00%	0.00%	165	141	78	77.97063	Not Achieved	Vertical alignment Vertical alignment	60
2012.211 2002.211	1932.211 1914.211	196.48962 197.0298	198.09214	198.09214	100	0.00%	0.00%	165	141	80		Not Achieved Not Achieved	Vertical alignment Vertical alignment	50
1992.211	1896.211	197.5368	198.12674	198.12674	100	0.00%	0.00%	165	141	96	96.01009	Not Achieved	Vertical alignment	70
1982.211 1972.211	1846.211 1820.211	197.98049 198.30985	197.96099 197.65494	197.96099 197.65494	100	0.00%	0.00%	165	141	136	136.00906	Not Achieved Relaxed	Vertical alignment Vertical alignment	90
1962.211	1816.211	198.58221	197.57115	197.57115	100	0.00%	0.00%	165	141	145	146.00321		Vertical alignment	100
1952.211 1942.211	1814.211 1812.211	198.75559 198.88251	197.52053 197.46918	197.52053 197.46918	100	0.00%	0.00%	165	141	138		Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
1932.211	1808.211	198.99214	197.34097	197.34097	100	0.00%	0.00%	165	141	124	124	Not Achieved	Vertical alignment	90
1922.211 1912.211	1806.211 1804.211	199.0463 199.06779	197.27212 197.1961	197.27212 197.1961	100	0.00%	0.00%	163	141 141	116 108	108	Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
1902.211 1892.211	1802.211 1800.211	199.03 199.00953	197.12027 197.03776	197.12027 197.03776	100	0.00%	0.00%	165	141	100		Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
1882.211	1798.211	198.96572	196.9537	196.9537	100	0.00%	0.00%	165	141	84	84	Not Achieved	Vertical alignment	70
1872.211 1862.211	1794.211 1790.211	198.91674 198.88866	196.77618 196.58735	196.77618 196.58735	100	0.00%	0.00%	165	141	78		Not Achieved Not Achieved	Vertical alignment Vertical alignment	60
1852.211	1780.211	198.87386	196.07269	196.07269	100	0.00%	0.00%	165	141	72	72	Not Achieved	Vertical alignment	60
1842.211 1832.211	1677.211 1667.211	198.75423	EDE: TARDU	192.41296 192.22512	100	0.00%	0.00%	165	141	165				100
1822.211	1657.211 1647.211	198.59391 198.36918	192.1005	192.1005	100	0.00%	0.00%	165	141	165	165.00118 165.00267			100
1812.211 1802.211	1637.211	198.02027	191.83264	191.96723 191.83264	100	0.00%	0.00%	165	141 141	163	165.00414	Achieved		100
1792.211	1627.211 1617.211	197.5853 197.07786	191.72456 191.59599	191.72436 191.39399	100	0.00%	0.00%	165	141					100
1772.211	1607.211	196.56152	191.44524	191.44524	100	0.00%	0.00%	165	141	165	164.99974	Achieved		100
1762.211	1597.211	196.04922 195.58471	191.26242 191.08276	191.26242 191.08276	100	0.00%	0.00%	165	141		164.99824			100
1742.211	1577.211	195.2008	190.95309	190.95309	100	0.00%	0.00%	165	141	165	164.9936	Achieved		100
1732.211 1722.211	1567.211	194.85631 194.51479	190.83308 190.73155	190.83308 190.73155	100	0.00%	0.00%	165	141	165				100
1712.211	1547.211	194.19314	190.67657	190.67657	100	0.00%	0.00%	165	141	163	164.99601	Achieved		100
1702.211 1692.211	1537.211	193.89005 193.6382	190.65182	190.65182 190.63881	100	0.00%	0.00%	165	141	165	164.99628			100
1682.211	1517.211	193.41621	190.63922	190.63922	100	0.00%	0.00%	165	141	165	164.99684	Achieved		100
1672.211 1662.211	1507.211	193.21501 193.06022	190.6306 190.62277	190.6306 190.62277	100	0.00%	0.00%	165	141	165	164.99684 164.99533			100
1652.211	1487.211	192.93423	190.62746	190.62746	100	0.00%	0.00%	165	141	165	164.99385	Achieved		100
1642.211 1632.211	1477.211 1467.211	192.79764 192.67558	190.64609 190.65097	190.64609 190.65097	100	0.00%	0.00%	165	141		164.99241 164.99236			100
1622.211	1457.211	192.56395	190.67112	190.67112	100	0.00%	0.00%	165	141	165	164.99399	Achieved		100
1612.211 1602.211	1447.211 1437.211	192.42383 192.26098	190.70642 190.75206	190.70642 190.75206	100	0.00% 0.00%	0.00%	165	141	165				100
1592.211	1427.211	192.06402 191.91338	190.80851 190.86808	190.80851 190.86808	100	0.00%	0.00%	165	141					100
1572.211	1407.211	191.79285	190.93795	190.93795	100	0.00%	0.00%	165	141	165	165.02274	Achieved		100
1562.211	1397.211 1387.211	191.68018 191.59804	190.99824 191.05243	190.99824 191.05243	100	0.00%	0.00%	165	141	165	165.02814			100
1542.211	1377.211	191.56212	191.1021	191.1021	100	0.00%	0.00%	165	141	165	165.03717	Achieved		100
1532.211	1367.211 1357.211	191.54366 191.5367	191.08373 190.98121	191.08373 190.98121	100	0.00%	0.00%	165	141			Achieved		100
1512.211	1347.211	191.53712	190.8034	190.8034	100	0.00%	0.00%	165	141	165	165.04682	Achieved	Mention 1 of	100
4777			190.78272	190.78272	100	0.00%	0.00%	165	141		156.04774	relaxed	Vertical alignment	100
1502.211 1492.211	1346.211 1346.211	191.52544	190.78272	190.78272	100	0.00%	0.00%	165	141	146	146.04863	Relaxed	Vertical alignment	100

Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous	Average Grade	Sight Distance	Sight Distance	Sight Distance	Sight Distance Along	Sight Line Status	Obstruction	SSD Speed Achieved
ejerostaon	objectrosition	cje cerei	Accounteren	objectiever	besign speed	Grade	Average orane	Required	Relaxed	Achieved	Sight Line Achieved	signe ente status	oustraction	EDD 2sec RT (km/h)
1472.211	1344.211	191.54951	190.74096	190.74096	100	0.00%	0.00%	165	141	128	128.05146	Not Achieved	Vertical alignment	90
1462 211	1342.211	191.55792	190.6994	190.6994	100	0.00%	0.00%	165	141	120	120.05355	Not Achieved	Vertical alignment	90
1452.211	1340.211	191.58764	190.65699	190.65699	100	0.00%	0.00%	165	141	112	112.05541	Not Achieved	Vertical alignment	80
1442.211	1338.211	191.62922	190.61442	190.61442	100	0.00%	0.00%	165	141	104	104.05369	Not Achieved	Vertical alignment	80
1432.211	1332.211	191.67003	190.48148	190.48148	100	0.00%	0.00%	165	141	100	100.05461	Not Achieved	Vertical alignment	80
1422.211	1326.211	191.73837	190.32167	190.32167	100	0.00%	0.00%	165	141	96	96.05081	Not Achieved	Vertical alignment	70
1412.211	1316.211	191.79392	190.05091	190.05091	100	0.00%	0.00%	165	141	96	96.032	Not Achieved	Vertical alignment	70
1402.211	1290.211	191.87322	189.32973	189.32973	100	0.00%	0.00%	165	141	112	112.05213	Not Achieved	Vertical alignment	80
1392.211	1227.211	191.92529	188.15925	188.15925	100	0.00%	0.00%	165	141	165	165.0461	Achieved		100
1382.211	1217.211	191.98022	188.02312	188.02312	100	0.00%	0.00%	165	141	165	165.04524	Achieved		100
1372.211	1207.211	192.00854	187.90753	187.90753	100	0.00%	0.00%	165	141	165	165.04311	Achieved		100
1362.211	1197.211	191.93864	187.82581	187.82581	100	0.00%	0.00%	165	141	165	165.03837	Achieved		100
1352.211	1187.211	191.80456	187.76041	187.76041	100	0.00%	0.00%	165	141	165	165.03326	Achieved		100
1342.211	1177.211	191.5994	187.69823	187.69823	100	0.00%	0.00%	165	141	165	165.02783	Achieved		100
1332.211	1167.211	191.38148	187.62412	187.62412	100	0.00%	0.00%	165	141	165	165.02428	Achieved		100
1322.211	1157.211	191.11438	187.49103	187.49103	100	0.00%	0.00%	165	141		165.0239	Achieved		100
1312.211	1147.211	190.82794	187.23896	187.23896	100	0.00%	0.00%	165	141	165	165.01136	Achieved		100
1302.211	1137.211	190.54996	186.86488	186.86488	100	0.00%	0.00%	165	141	165	165.00766	Achieved		100
1292.211	1138.211	190.28241	186.90482	186.90482	100	0.00%	0.00%	165	141	154	154.00771	Relaxed	Vertical alignment	100
1282.211	1138.211	190.03119	186.90482	186.90482	100	0.00%	0.00%	165	141		144.00776	Relaxed	Vertical alignment	100
1272.211	1138.211	189.80642	186.90482	186.90482	100	0.00%	0.00%	165	141	134	134.00781	Not Achieved	Vertical alignment	90
1262.211	1138.211	189.61987	186.90482	186.90482	100	0.00%	0.00%	165	141	124	124.00788	Not Achieved	Vertical alignment	90
1252.211	1136.211	189.46074	186.82552	186.82552	100	0.00%	0.00%	165	141		116.00795	Not Achieved	Vertical alignment	80
1242.211	1136.211	189.28616	186.82552	186.82552	100	0.00%	0.00%	165	141	106	106.00805	Not Achieved	Vertical alignment	80
1232.211	1134.211	189.13174	186.7467	186.7467	100	0.00%	0.00%	165	141	98	98.00668	Not Achieved	Vertical alignment	70
1222.211	1134.211	188.98526	186.7467	186.7467	100	0.00%	0.00%	165	141	88	88.00373	Not Achieved	Vertical alignment	70
1212.211	1130.211	188.86415	186.5832	186.5832	100	0.00%	0.00%	165	141	82	82.00074	Not Achieved	Vertical alignment	70
1202.211	1122.211	188.7515	186.26669	186.26669	100	0.00%	0.00%	165	141	80	79.99845	Not Achieved	Vertical alignment	60
1192.211	1027.211	188.69194	184.95046	184.95046	100	0.00%	0.00%	165	141	165	164.98985	Achieved		100
1182.211	1017.211	188.62051	185.05335	185.05335	100	0.00%	0.00%	165	141		164.98989	Achieved		100
1172.211	1007.211	188.56743	185.13499	185.13499	100	0.00%	0.00%	165	141	165	164.98994	Achieved		100
1162.211	997.211	188.46441	185.2319	185.2319	100	0.00%	0.00%	165	141	165	164.99002	Achieved		100
1152.211	987.211	188.28277	185.30801	185.30801	100	0.00%	0.00%	165	141	165	164.99012	Achieved		100
1142.211	977.211	187.96404	185.32339	185.32339	100	0.00%	0.00%	165	141		164.99025	Achieved		100
1132.211	967.211	187.56419	185.28303	185.28303	100	0.00%	0.00%	165	141	165	164.9904	Achieved		100
1122.211	957.211	187.16669	185.24899	185.24899	100	0.00%	0.00%	165	141	165	164.99212	Achieved		100
1112.211	947.211	186.79215	185.21834	185.21834	100	0.00%	0.00%	165	141	165	164.99966	Achieved		100
1102.211	937.211	186.48021	185.18824	185.18824	100	0.00%	0.00%	165	141	165	165	Achieved		100
1092.211	927.211	186.21835	185.16002	185.16002	100	0.00%	0.00%	165	141	165	165	Achieved		100
1082.211	917.211	186.02071	185.15224	185.15224	100	0.00%	0.00%	165	141	165	165	Achieved		100

Birralee Main Road (A1701) – Prescribed Direction (PD)

Stopping Sight Distance

Car Driver Eye Height 1.10m to 0.8m Object Height

Continuous Chainage from Link 08

Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous Grade	Average Grade	Sight Distance Required	Sight Distance Relaxed	Sight Distance Achieved	Sight Distance Along Sight Line Achieved	Sight Line Status	Obstruction	SSD Speed Achieved EDD 2sec RT (km/h)
910 920	1075	186.04342	185.65645 185.79332	185.65645 185.79332	100	0.00%	0.00%	165 165	141 141	165 165	165	Achieved Achieved		100
930	1095	186.05765	185.99936 186.27389		100	0.00%	0.00%	165		165	165	Achieved Achieved		100
950	1115	186.13364	186.5866	186.5866	100	0.00%	0.00%	165	141	165	165.00243	Achieved		100
960 970			186.97459 187.39761	186.97459 187.39761	100	0.00%	0.00%	165			165.0093	Achieved Achieved		100
980	1145 1155		187.77694 188.03912	187.77694 188.03912	100	0.00%	0.00%	165			165.00899 165.00887			100
1000	1165	186.12396	188.20103	188.20103	100	0.00%	0.00%	165	141	165	165.00877	Achieved		100
1010 1020	1175 1185	185.92833	188.29132 188.36012	188.29132 188.36012	100 100	0.00%	0.00%	165 165		165	165.00865			100
1030 1040			188.42975 188.50674	188.42975 188.50674	100	0.00%	0.00%	165			165.00862 165.00862			100
1050 1060		185.85519	188.5985 188.72807	188.5985 188.72807	100 100	0.00%	0.00%	165	141	165	165.00707	Achieved		100
1070	1235	185.90868	188.89155	188.89155	100	0.00%	0.00%	165	141	165	165.0012	Achieved		100
1080	1245 1255		189.05656 189.2243	189.05656 189.2243	100	0.00%	0.00%	165		165	165.0006	Achieved Achieved		100
1100	1265		189.39476 189.58608	189.39476 189.58608	100	0.00%	0.00%	165			165.00066			100
1120	1285	187.07327	189.80507	189.80507	100	0.00%	0.00%	165	141	165	164.99449	Achieved		100
1130 1140	1305	187.90318	190.0405 190.30303	190.0405 190.30303	100	0.00%	0.00%	165 165	141	165		Achieved		100
1150 1160			190.58417 190.85111	190.58417 190.85111	100	0.00%	0.00%	165				Achieved Achieved		100
1170 1180	1335 1345		191.08577 191.27455	191.08577 191.27455	100	0.00%	0.00%	165 165			164.97129 164.96531	Achieved		100
1190	1355	188.69459	191.43869	191.43869	100	0.00%	0.00%	165	141	165	164.95765	Achieved		100
1200 1210	1375	188.85363	191.5481 191.59586	191.5481 191.59586	100	0.00%	0.00%	165 165	141	165		Achieved		100
1220 1230	1385 1395		191.58687 191.56035	191.58687 191.56035	100	0.00%	0.00%	165 165		165	164.93549 164.92917			100
1240	1405	189.27542	191.50658	191.50658	100	0.00%	0.00%	165	141	165	164.92149	Achieved		100
1250	1425	189.60754	191.39341	191.44495 191.39341	100	0.00%	0.00%	165	141	165	164.91143 164.90133	Achieved		100
1270 1280	1435 1445		191.34617 191.31682	191.34617 191.31682	100	0.00%	0.00%	165 165			164.8925 164.88633	Achieved Achieved		100
1290	1455	190.21758	191.28603 191.26954	191.28603 191.26954	100	0.00%	0.00%	165	141	165	164.88339 164.88387	Achieved		100
1310	1475	190.73759	191.26664	191.26664	100	0.00%	0.00%	165	141	165	164.88695	Achieved		100
1320 1330			191.24919 191.23547	191.24919 191.23547	100	0.00%	0.00%	165	141	165.00002	164.90481 164.90922			100
1340 1350	1505		191.2464	191.2464 191.25753	100	0.00%	0.00%	165			164.91623 164.92589	Achieved		100
1360	1525	191.80074	191.24772	191.24772	100	0.00%	0.00%	165	141	165	164.93542	Achieved		100
1370 1380		191.89547	191.23744 191.26157	191.23744 191.26157	100 100	0.00%	0.00%	165	141	165	164.94455 164.95322			100
1390 1400	1555		191.31435	191.31435	100	0.00%	0.00%	165			164.96147 164.96945			100
1410		191.77333	191.53251	191.53251	100	0.00%	0.00%	165	141	165	164.97713	Achieved		100
1430	1595	191.66846	191.67772 191.85636	191.67772 191.85636	100	0.00%	0.00%	165 165	141	165	164.98573 164.99372	Achieved		100
1440 1450	1605		192.05806 192.22042	192.05806 192.22042	100	0.00%	0.00%	165	141		164.99982 165.00397			100
1460 1470	1625 1635	191.57139	192.35239 192.46088	192.35239 192.46088		0.00%	0.00%	165 165	141	165	165.00623 165.00763	Achieved		100
1480	1645	191.55937	192.56143	192.56143	100	0.00%	0.00%	165	141	165	165.00656	Achieved		100
1490 1500	1655 1665		192.67976 192.82281	192.67976 192.82281	100	0.00%	0.00%	165			165.00502 165.00351			100
1510 1520	1675 1685		192.99465 193.19438	192.99465 193.19438	100	0.00%	0.00%	165	141		165.00222 165.00254	Achieved		100
1530	1695	191.53988	193.44294	193.44294	100	0.00%	0.00%	165	141	165	165.00286	Achieved		100
1540 1550	1715	191.58364	193.7287 194.03348	193.7287 194.03348	100	0.00%	0.00%	165 165	141	165	165.00318 165.00352	Achieved		100
1560 1570	1725 1735		194.3502 194.67846	194.3502 194.67846	100	0.00%	0.00%	165			165.00364			100
1580 1590	1745 1755		195.04072 195.45811	195.04072 195.45811	100 100	0.00%	0.00%	165 165		165 165	165.00391 165.00263			100
1600	1765	192.25936	195.92787		100	0.00%	0.00%	165	141		165.00114	Achieved		100
1610 1620	1785	192.59104	196.42608 196.93569	196.93569	100	0.00%	0.00%	165	141	165	164.99964 164.99814	Achieved		100
1630 1640	1795		197.42567	197.42567	100	0.00%	0.00%	165			164.99665 164.99617			100
1650 1660	1815 1825		198.16498 198.3773	198.16498 198.3773	100	0.00%	0.00%	165 165	141	165	164.9977 164.99921	Achieved		100
1670	1835	193.20585	198.52363	198.52363	100	0.00%	0.00%	165	141	165	165.00071	Achieved		100
1680 1690	1855	193.61346	198.61049	198.61049	100	0.00%	0.00%	165	141	165	165.00127	Achieved		100
1700 1710			198.61161 198.61161	198.61161 198.61161	100 100	0.00%	0.00%	165 165			154.00127	Relaxed	Vertical alignment Vertical alignment	100
1720 1730	1854	194.49072	198.61161 198.61161	198.61161 198.61161	100	0.00%	0.00%	165	141	134	134.00128	Not Achieved Not Achieved	Vertical alignment	90
1740	1856	195.1542	198.60938	198.60938	100	0.00%	0.00%	165	141	116	116.00057	Not Achieved	Vertical alignment Vertical alignment	80
1750 1760	1864	195.98664	198.60733 198.60797	198.60733 198.60797	100	0.00%	0.00%	165		104		Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
1770 1780	1878 1906	196.47763	198.66175	198.66175	100	0.00%	0.00%	165 165	141	108	108	Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
1790	1952	197.48555	198.44698	198.44698	100	0.00%	0.00%	165	141	162	161.99984	Relaxed	Vertical alignment	100
1800 1810	1975	198.32104	197.94789	197.94789	100	0.00%	0.00%	165 165	141	165	164.99287	Achieved		100
1820 1830			197.57046 197.43942	197.57046 197.43942	100	0.00%	0.00%	165			164.98973 157.98935		Vertical alignment	100
1850	1992	198.87193	197.25467	197.25467	100	0.00%	0.00%	165	141	152	151.98929	Relaxed	Vertical alignment	100
1860	1996	198.90525	197.06448	197.06448	100	0.00%	0.00%	165	141	136	135.98924	Not Achieved	Vertical alignment Vertical alignment	90
1870 1880	1998 2000		196.96558 196.86565		100	0.00%	0.00%	165	141	120	119.9892	Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
1890 1900		199.00735	196.66093 196.45091		100 100	0.00%	0.00%	165	141	114	113.98918	Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
1910	2016	199.01183	196.01755	196.01755	100	0.00%	0.00%	165	141	106	106.01201	Not Achieved	Vertical alignment	80
1920 1930	2028	198.99434	195.38703 193.51479			0.00%	0.00%	165 165		136	136.06391	Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
1940 1950			191.54098 191.02714	191.54098 191.02714		0.00%	0.00%	165 165			165.05226 165.04274			100
1960	2125	198.63811	190.57471	190.57471	100	0.00%	0.00%	165	141	165	165.02962	Achieved		100
1970 1980	2145	198.06953	189.94232	189.94232	100	0.00%	0.00%	165 165	141	165		Achieved		100
1990 2000			189.72888	189.72888 189.55287	100 100	0.00%	0.00%	165			165.01476 165.02934			100
2010		196.64411	189.39463 189.22912	189.39463 189.22912	100	0.00%	0.00%	165	141	165	165.0458	Achieved		100
2030	2195	195.58399	189.04619	189.04619	100	0.00%	0.00%	165	141	165	165.05365	Achieved		100
2040	2215	194.58382	188.78577 188.43766	188.43766	100	0.00%	0.00%	165	141	165	165.06898	Achieved		100
2060 2070	2225	194.10153	188.01782 187.53718		100	0.00%	0.00%	165 165	141	165	165.07195	Achieved		100
2090						0.00%	0.00%							100

Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous Grade	Average Grade	Sight Distance	Sight Distance Relaxed	Sight Distance Achieved	Sight Distance Along Sight Line	Sight Line Status	Obstruction	SSD Speed Achieved
2090	Position 2255	192.64144	186.49868	186.49868	100	Grade 0.00%	0.00%	Required 165	Relaxed 141	Achieved 165	Achieved 165.06577			EDD 2sec RT (km/h)
2100	2265	192.10767	185.97665	185.97665	100	0.00%	0.00%	165	141	165	165.05215	Achieved		100
2120	2274	191.09139	185.51777	185.51777	100	0.00%	0.00%	165	141	154	154.02576	Relaxed	Vertical alignment	100
2130 2140		190.6864 190.36168	185.61666 185.51777	185.61666 185.51777	100 100	0.00%	0.00%	165 165	141 141	142 134		Not Achieved	Vertical alignment Vertical alignment	100
2150 2160	2288 2314	190.13207 189.93313	184.82817	184.82817 183.5461	100	0.00%	0.00%	165 165	141 141	138 154	138.04159 154.10278	Not Achieved Relaxed	Vertical alignment Vertical alignment	90
2170		189.77213				0.00%	0.00%	165	141	165	165.0916	Achieved		100
2190	2355	189.61495 189.44468	181.04794	181.04794	100	0.00%	0.00%	165	141	165	165.03812 164.82738	Achieved		100
2200 2210		189.22748 188.92117	180.40388 179.84823	180.40388 179.84823	100	0.00%	0.00%	165	141 141	165	164.47601 164.11089	Achieved Achieved		100
2220	2385	188.53991 188.07966	179.36125 178.86064	179.36125 178.86064	100	0.00%	0.00%	165		165 165	163.7457 163.38544	Achieved		100
2240	2405	187.58773	178.40537	178.40537	100	0.00%	0.00%	165	141	165	163.05479	Achieved		100
2250		187.0598 186.53791	177.99386	177.99386 177.63115	100	0.00%	0.00%	165	141 141	165 165	162.79267 162.62696			100
2270 2280	2435 2445	186.01923 185.52159	177.25681 176.86998	177.25681 176.86998	100	0.00%	0.00%	165	141	165 165	162.47918 162.34967			100
2290	2455	185.03308	176.46155	176.46155	100	0.00%	0.00%	165	141	165	162.25622	Achieved		100
2300 2310	2465 2475	184.55336 184.05888	176.02699 175.60734	176.02699 175.60734	100	0.00%	0.00%	165 165	141 141	165 165	162.16249 162.15135	Achieved		100
2320	2485 2495	183.51161 182.91757	175.18389	175.18389 174.76095	100	0.00%	0.00%	165		165	162.3016 162.54805	Achieved Achieved		100
2340		182.31523 181.67881	174.34607	174.34607 173.94975	100 100	0.00%	0.00%	165	141	165	162.85264 163.06677	Achieved		100
2360	2525	181.01616	173.5881	173.5881	100	0.00%	0.00%	165	141	165	163.25871	Achieved		100
2370 2380	2535 2545	180.41468 179.90564	173.27331 173.00891	173.27331 173.00891	100	0.00%	0.00%	165	141 141	165 165	163.50685 163.77695	Achieved		100
2390 2400	2555	179.40743 178.93044	172.76964	172.76964 172.56272	100	0.00%	0.00%	165 165	141	165 165	164.05333 164.33437	Achieved		100
2410	2575	178.48844	172.36905	172.36905	100	0.00%	0.00%	165	141	165	164.60056	Achieved		100
2420 2430	2595		172.13633 171.88791		100	0.00%	0.00%	165 165	141			Achieved		100
2440 2450		177.362 176.97128	171.6758 171.44322	171.6758 171.44322	100 100	0.00%	0.00%	165 165	141 141	165 165	164.60173 164.08164	Achieved		100
2460	2625	176.5445	171.22242	171.22242	100	0.00%	0.00%	165	141	165	163.23708	Achieved		100
2470 2480	2635 2645	176.11855 175.69474	170.94349	170.94349	100 100	0.00%	0.00%	165 165	141 141	165	162.13732 160.76804	Achieved		100
2490 2500	2655 2665	175.27154 174.85052	170.83084 170.74929	170.83084	100	0.00%	0.00%	165 165		164.99999 165	159.12503 157.36765	Achieved		100
2510		174.44469	170.74181	170.74181	100	0.00%	0.00%	165	141	165	155.73463	Achieved	BRIDGE	100
2520 2530	2682	173.72345	170.72502	170.72502 170.72502	100	0.00%	0.00%	165 165	141	152	151.95486 142.49367	Relaxed	BRIDGE	
2540 2550	2682 2682	173.43823 173.18499	170.72502	170.72502 170.72502	100	0.00%	0.00%	165	141 141	142	133.11129	Relaxed Not Achieved	BRIDGE	
2560	2682	172.96452	170.72502	170.72502	100	0.00%	0.00%	165	141	122	114.66016	Not Achieved	BRIDGE	
2570 2580	2682	172.76036 172.56614	170.72502	170.72502 170.72502	100	0.00%	0.00%	165 165		102	96.75122	Not Achieved Not Achieved	BRIDGE BRIDGE	
2590 2600	2682 2682	172.30481	170.72502	170.72502	100	0.00%	0.00%	165	141 141	92		Not Achieved Not Achieved	BRIDGE	
2610	2682	171.8598	170.72502	170.72502	100	0.00%	0.00%	165	141	72	69.82725	Not Achieved	BRIDGE	
2620 2630	2682	171.6296 171.4332	170.72502 170.72502	170.72502 170.72502	100 100	0.00%	0.00%	165 165	141 141	62 52	51.04936	Not Achieved Not Achieved	BRIDGE BRIDGE	
2640 2650	2682 2682	171.29969	170.72502		100	0.00%	0.00%	165	141 141	42		Not Achieved Not Achieved	BRIDGE	
2660	2682 2682	171.07915	170.72502	170.72502	100	0.00%	0.00%	165	141	22	21.87943	Not Achieved	BRIDGE BRIDGE	
2670 2680	2682	171.04328 171.03109	170.72502 170.72502	170.72502 170.72502	100	0.00%	0.00%	165 165	141	12	1.99995	Not Achieved Not Achieved	BRIDGE	
2690 2730		166.71475 166.52838	170.75484 170.76122	170.75484 170.76122	100	0.00%	0.00%	165	141 141	68 18		Not Achieved Not Achieved	BRIDGE	
2740 2750	2744	166.9218 171.06634	169.04395 174.95193	169.04395 174.95193	100	0.00%	0.00%	165 165	141 141	4	4.04451	Not Achieved Achieved	BRIDGE	100
2760	2925	171.045	175.89638	175.89638	100	0.00%	0.00%	165	141	165	149.71256	Achieved		100
2770 2780		170.97336 170.8805	176.89123 177.88929	176.89123 177.88929	100	0.00%	0.00%	165 165		165 165	151.44497 153.41454			100
2790	2955 2965	170.79972 170.72553	178.88018	178.88018 179.88539	100	0.00%	0.00%	165	141	165	155.61136 157.75365			100
2810 2820		170.64228 170.57791	180.94495 182.03778	180.94495 182.03778	100	0.00%	0.00%	165		165 165	159.70207 161.25574	Achieved		100
2830	2995	170.56635	183.06891	183.08891	100	0.00%	0.00%	165	141	165	162.39791	Achieved		100
2840 2850	3005 3015	170.67504	184.12103	184.12103 185.11816	100	0.00%	0.00%	165	141	165 165	163.19149 163.6503	Achieved Achieved		100
2860 2870	3025	171.2978 171.78359	186.10342	186.10342	100	0.00%	0.00%		141		163.836 163.82674	Achieved Achieved		100
2880	3045	172.39095	187.99295	187.99295	100	0.00%	0.00%	165	141	165	163.63809	Achieved		100
2890 2900		173.10476 173.94664	188.98269 189.9312	188.98269 189.9312	100	0.00%	0.00%	165 165	141	165	163.61672 163.63212	Achieved		100
2910 2920		174.81216 175.70346	190.82434 191.68246	190.82434 191.68246	100	0.00%	0.00%	165 165	141	165	163.74249 163.90833	Achieved		100
2930	3095	176.69443	192.52522	192.52522	100	0.00%	0.00%	165	141	165	164.09166	Achieved		100
2940 2950	3114		193.23115 193.67872	193.67872	100	0.00%	0.00%	165	141	164	164.30542 163.47813	Relaxed	Vertical alignment	100
2960 2970		179.67713 180.70069	193.67872 193.7537	193.67872 193.7537	100	0.00%	0.00%	165	141 141	154 146	153.70917 145.83085		Vertical alignment Vertical alignment	100
2980		181.81199	193.82454	193.82454 193.82454	100	0.00%	0.00%	165	141 141	138	137.91267	Not Achieved	Vertical alignment	90
3000	3120	183.91242	193.88716	193.88716	100	0.00%	0.00%	165	141	120	120.06675	Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
3010 3020	3122 3124	184.92035 185.91119	193.95078 194.01115	193.95078 194.01115	100	0.00%	0.00%	165	141 141	112 104		Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
3030 3040	3126	186.8868	194.07061	194.07061	100	0.00%	0.00%	165	141	96	96.04426	Not Achieved	Vertical alignment	70
3050	3128 3132	187.81836 188.78691	194.12729 194.23355	194.23355	100	0.00%	0.00%	165	141	82	81.95892	Not Achieved Not Achieved	Vertical alignment Vertical alignment	70
3060 3070	3138 3146	189.76786 190.68211	194.38185 194.53368	194.38185 194.53368	100	0.00%	0.00%	165	141 141	78 76		Not Achieved Not Achieved	Vertical alignment Vertical alignment	60 60
3080 3090	3168 3252	191.55465	194.89437 195.41427	194.89437 195.41427	100	0.00%	0.00%	165	141 141	88	87.78257 161.05628	Not Achieved Relaxed	Vertical alignment Vertical alignment	70
3100	3265	193.20397	195.42303	195.42303	100	0.00%	0.00%	165	141	165	164.06977	Achieved		100
3110 3120		193.80289 194.18716	195.42939 195.41549	195.42939 195.41549	100	0.00%	0.00%	165 165	141	165	164.14066 164.23841	Achieved		100
3130 3140	3295		195.38369 195.36809	195.38369 195.36809	100	0.00%	0.00%	165 165	141		164.35754 164.46735	Achieved		100
3150	3315	194.9063	195.34301	195.34301	100	0.00%	0.00%	165	141	165	164.54734	Achieved		100
3160 3170	3335	195.07693 195.22013	195.32794 195.33283	195.33283	100	0.00%	0.00%	165 165	141 141		164.64465 164.74274	Achieved		100
3180 3190	3345 3355	195.33343 195.43544	195.34505	195.34505 195.36604	100	0.00%	0.00%	165	141 141	165	164.82286 164.88689			100
3200	3365	195.48097	195.36997	195.36997	100	0.00%	0.00%	165	141	165	164.93801	Achieved		100
3220	3385	195.59754	195.36694	195.36694	100	0.00%	0.00%	165	141	165	164.99703	Achieved		100
3230 3240		195.64489 195.68506	195.37478 195.39291	195.37478 195.39291	100	0.00%	0.00%	165	141 141	165	164.99554 164.99412	Achieved		100
3250	3415	195.71243	195.42442	195.42442	100	0.00%	0.00%	165	141	165	164.99418	Achieved		100
3260 3270		195.71982 195.72838		195.46443 195.49915	100	0.00%	0.00%	165 165	141	165	164.99424 165.00093	Achieved		100
3280							0.00%							100

Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous Grade	Average Grade	Sight Distance	Sight Distance Relaxed	Sight Distance Achieved	Sight Distance Along Sight Line	Sight Line Status	Obstruction	SSD Speed Achieved
3290	Position 3455	195.70211	195.55733	195.55733	100		0.00%	Required 165		Achieved 165	Achieved 165 00366	Achieved		EDD 2sec RT (km/h)
3300	3465	195.67312	195.5556	195.5556	100	0.00%	0.00%	165	141	165	165.00363			100
3320	3485	195.63222	195.54715	195.54715	100	0.00%	0.00%	165	141	165	165.0036	Achieved		100
3330 3340	3495 3505	195.62684 195.63814	195.55128 195.55717	195.55128 195.55717	100 100		0.00%	165		165	165.00358 165.00358	Achieved Achieved		100
3350	3515	195.65513	195.57637	195.57637	100	0.00%	0.00%	165	141	165	165.00357	Achieved		100
3360 3370	3525 3535	195.67125 195.66651	195.59863 195.62503	195.59863 195.62503	100 100	0.00%	0.00%	165 165	141	165	165.00357			100
3380 3390	3545 3555	195.66498 195.66968	195.66517 195.71011	195.66517 195.71011	100		0.00%	165		165		Achieved		100
3400 3410	3565 3575	195.68021 195.70923	195.77831 195.87729	195.77831 195.87729	100		0.00%	165 165		165	165.0036	Achieved Achieved		100
3420	3585	195.742	195.98445	195.98445	100	0.00%	0.00%	165	141	165	165.00364	Achieved		100
3430 3440		195.7836 195.81463	196.09578 196.19878	196.09578 196.19878	100 100		0.00%	165 165		165 165	165.00348 165.00199	Achieved		100
3450		195.85046 195.8593	196.27751 196.31974	196.27751 196.31974	100		0.00%	165		165		Achieved Achieved		100
3470	3635	195.8533	196.33388	196.33388	100	0.00%	0.00%	165	141	165	165	Achieved		100
3480 3490	3655	195.84724 195.8485	196.36103 196.37307	196.36103 196.37307	100	0.00%	0.00%	165 165	141	165	165	Achieved Achieved		100
3500	3665 3675	195.8524 195.86671	196.353 196.32102	196.353 196.32102	100		0.00%	165	141	165	165	Achieved Achieved		100
3520 3530	3685 3695	195.88782 195.91033	196.30649 196.31303	196.30649 196.31303	100		0.00%	165 165		165	165	Achieved Achieved		100
3540	3705	195.94656	196.31072	196.31072	100	0.00%	0.00%	165	141	165	165	Achieved		100
3550	3715 3725	195.98636 196.03809	196.29394 196.26458	196.29394 196.26458	100 100		0.00%	165		165		Achieved Achieved		100
3570 3580	3735 3745	196.12788 196.22909	196.24857 196.23645	196.24857 196.23645	100		0.00%	165 165		165		Achieved Achieved		100
3590	3755	196.34048	196.20595	196.20595	100	0.00%	0.00%	165	141	165	164.99481	Achieved		100
3600 3610	3775	196.44925 196.54256	196.20345 196.22526	196.20345 196.22526	100	0.00%	0.00%	165 165	141	165	164.99477 164.99474	Achieved		100
3620 3630	3785	196.60524 196.629	196.23964 196.26398	196.23964 196.26398	100 100	0.00%	0.00%	165 165	141	165		Achieved Achieved		100
3640	3805	196.64757	196.28178	196.28178	100	0.00%	0.00%	165	141	165	164.99469	Achieved		100
3650 3660	3815 3825	196.66996 196.66743	196.30773 196.33782	196.30773 196.33782	100 100	0.00%	0.00%	165 165	141	165	164.99469	Achieved Achieved		10
3670 3680	3835 3845	196.63563 196.60618	196.37497 196.43738	196.37497 196.43738	100	0.00%	0.00%	165 165	141	165	164.9947 164.99472	Achieved		100
3690	3855	196.61029	196.49549	196.49549	100	0.00%	0.00%	165	141	165	164.99474	Achieved		100
3700	3875	196.61454 196.60317	196.56254 196.62868	196.56254 196.62868	100	0.00%	0.00%	165	141	165		Achieved		100
3720		196.58234 196.55257	196.66829	196.66829 196.71628	100		0.00%	165		165		Achieved Achieved		100
3740	3905	196.54364	196.76715	196.76715	100	0.00%	0.00%	165		165	164.99439	Achieved		100
3750 3760		196.51911 196.4961	196.83498 196.89407	196.83498 196.89407	100 100	0.00%	0.00%	165 165	141	165		Achieved		100
3770	3935 3945	196.51443 196.53421	196.96661 197.12707	196.96661 197.12707	100		0.00%	165		165		Achieved		100
3790 3800	3955	196.54984 196.57036	197.39263 197.82497	197.39263 197.82497	100 100	0.00%	0.00%	165	141	165		Achieved		100
3810	3975	196.59696	198.43328	198.43328	100	0.00%	0.00%	165	141	165	164.797	Achieved		100
3820	3965 3995	196.61988 196.65392	199.15828 199.99959	199.15828 199.99959	100 100	0.00%	0.00%	165		165	164.68233			100
3840 3850	4005	196.70579 196.76431	200.94784 201.94572	200.94784 201.94572	100		0.00%	165 165		165	164.63007	Achieved Achieved		100
3860	4025	196.82837	202.93344	202.93344	100	0.00%	0.00%	165	141	165	164.57867	Achieved		100
3870		196.90098 196.94932	203.83419 204.67356	203.83419 204.67356	100		0.00%	165		165	164.61224	Achieved Achieved		100
3890 3900	4055 4065	196.99244 197.03969	205.4094 206.03572	205.4094 206.03572	100 100		0.00%	165		165		Achieved Achieved		100
3910	4075	197.09972	206.58167	206.58167	100	0.00%	0.00%	165	141	165	164.77053	Achieved		100
3920 3930	4085 4095	197.16865 197.22347	207.08791 207.52157	207.08791 207.52157	100 100		0.00%	165		165 165	164.81073 164.84489	Achieved		100
3940 3950	4104 4100	197.33893 197.54106	207.75976 207.67675	207.75976 207.67675	100 100		0.00%	165		164 150	163.88345 149.94005	Relaxed	Vertical alignment Vertical alignment	100
3960 3970	4096	197.88925	207.55873	207.55873 207.48441	100 100	0.00%	0.00%	165		136 124	135.96124	Not Achieved	Vertical alignment	90
3980	4092	199.0855	207.41008	207.41008	100	0.00%	0.00%	165	141	112	112.00925	Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
3990 4000	4092 4096	199.86329 200.76962	207.41008 207.55873	207.41008 207.55873	100		0.00%	165	141 141	102		Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
4010 4020	4102	201.73867 202.75247	207.72918 207.82176	207.72918	100 100	0.00%	0.00%	165 165	141	92	92.06152	Not Achieved Not Achieved	Vertical alignment	70 70 70
4030	4116	203.68858	207.8195	207.8195	100	0.00%	0.00%	165	141	86	86.03676	Not Achieved	Vertical alignment Vertical alignment	70
4040 4050	4126	204.56366 205.35641	207.78956	207.78956 207.7094	100	0.00%	0.00%	165 165	141	80 76	75.93772	Not Achieved Not Achieved	Vertical alignment Vertical alignment	60
4060 4070		206.0342 206.6188	207.54883 207.21076	207.54883 207.21076	100		0.00%	165 165	141	74	73.84652	Not Achieved Not Achieved	Vertical alignment Vertical alignment	60
40/0 4080 4090	4164	207.14273 207.61929	206.46978	207.21070 206.46978 202.49773	100	0.00%	0.00%	165	141	84	83.54204	Not Achieved	Vertical alignment	70
4100	4265	207.97675	201.468	201.468	100	0.00%	0.00%	165	141	165	164.34914	Achieved	Vertical alignment	100
4110 4120		208.12176 208.08956	201.01438 200.60843	201.01438 200.60843	100 100		0.00%	165		165		Achieved Achieved		100
4130	4295	207.935	200.20089	200.20089	100	0.00%	0.00%	165	141		164.7688	Achieved Achieved		100
4150	4315	207.36104	199.49749	199.49749	100	0.00%	0.00%	165	141	165	164.93846	Achieved		100
4160 4170	4335	206.94613 206.50181		199.2402 199.04349		0.00%	0.00%	165 165	141	165	164.96126 164.96592	Achieved		10
4180 4190	4345	206.08689	198.90575 198.82597	198.90575 198.82597	100 100		0.00%	165 165		165 165	164.98139	Achieved Achieved		10
4200	4365	205.15859	198.80293	198.80293	100	0.00%	0.00%	165	141	165	165.0025	Achieved		10
4210		204.62855 204.06638	198.79773 198.78536	198.79773 198.78536	100 100		0.00%	165		165		Achieved Achieved		100
4230 4240		203.50641 202.99513	198.77236 198.78077	198.77236 198.78077	100 100		0.00%	165 165		165 165		Achieved		10
4250	4415	202.5031	198.75984	198.75984	100	0.00%	0.00%	165	141	165	165.00248	Achieved		10
4260 4270	4435	202.01445 201.53085	198.72546 198.68611	198.72546 198.68611	100 100	0.00%	0.00%	165 165	141	165 165	164.99406	Achieved Achieved		10
4280 4290		201.11178 200.70212	198.6154 198.54556	198.6154 198.54556	100 100		0.00%	165 165		165	164.99395 164.99385	Achieved Achieved		100
4300	4465	200.30846	198.45291	198.45291	100	0.00%	0.00%	165	141	165	164.99376	Achieved		100
4310 4320	4485	199.95763 199.65499	198.34298 198.22418	198.34298 198.22418	100 100	0.00%	0.00%	165 165	141	165	164.99361	Achieved Achieved		100
4330 4340	4495 4505	199.43339 199.26874	198.14723 198.10344	198.14723 198.10344	100	0.00%	0.00%	165 165		165	164.99102	Achieved Achieved		10
4350	4515	199.15457	198.07552	198.07552	100	0.00%	0.00%	165	141	165	164.99099	Achieved		10
4360 4370	4535	199.11009 199.10142	198.06852 198.07297	198.07297		0.00%	0.00%	165	141	165	164.99104	Achieved Achieved		10
4380 4390		199.09204 199.07595	198.11881 198.22706	198.11881 198.22706	100		0.00%	165		165		Achieved Achieved		10
4400	4565	199.07862 199.07602	198.41137 198.63099	198.41137 198.63099	100	0.00%	0.00%	165	141	165	164.99126	Achieved Achieved		100
4420	4585	199.04265	198.90748	198.90748	100	0.00%	0.00%	165	141	165	164.99178	Achieved		100
4430		199.00744 198.95333	199.26461 199.67188	199.26461 199.67188	100 100		0.00%	165		165		Achieved Achieved		100
4450							0.00%					Achieved		10

Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous Grade	Average Grade	Sight Distance Required	Sight Distance Relaxed	Sight Distance Achieved	Sight Distance Along Sight Line	Sight Line Status	Obstruction	SSD Speed Achieved EDD 2sec RT (km/h)
4460		198.8035	200.26351	200.26351	100		0.00%	Kequired 165		Achieved 165	Achieved 165.0325	Achieved		EDD 25EC RT (km/h)
4400 4470 4480	4635	198.6981	200.43342 200.49238	200.20331 200.43342 200.49238	100	0.00%	0.00%	165	141	165	165.04664	Achieved		100
4490	4655	198.47809	200.38858	200.38858	100	0.00%	0.00%	165	141	165	165.06107	Achieved		100
4500		198.4255 198.3868	200.14638 200.04791	200.14638 200.04791	100		0.00%	165		165	165.08332		Vertical alignment	100
4520 4530	4668	198.3718 198.36761	200.04791 200.04791	200.04791 200.04791	100 100	0.00%	0.00%	165 165	141	148	148.08741		Vertical alignment Vertical alignment	100
4540	4666	198.3895	200.11779	200.11779	100	0.00%	0.00%	165	141	126	126.08951	Not Achieved	Vertical alignment	90
4550 4560	4666 4666	198.46196 198.61324	200.11779 200.11779	200.11779 200.11779	100		0.00%	165		116 106		Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
4570		198.81808 199.05639	200.11779 200.04791	200.11779 200.04791	100		0.00%	165		96		Not Achieved Not Achieved	Vertical alignment Vertical alignment	70
4590	4672	199.37432	199.89552	199.89552	100	0.00%	0.00%	165	141	82	82.11184	Not Achieved	Vertical alignment	70
4600	4686	199.7724 200.15264	199.62942 199.22139	199.62942 199.22139	100	0.00%	0.00%	165 165	141	78	76.12946	Not Achieved Not Achieved	Vertical alignment Vertical alignment	60
4620 4630		200.44946 200.65605	198.46475 197.32953	198.46475 197.32953	100		0.00%	165		78		Not Achieved Not Achieved	Vertical alignment Vertical alignment	60 70
4640	4732	200.78994 200.75964	195.53013 193.60632	195.53013 193.60632	100 100		0.00%	165		92	92.10336	Not Achieved Not Achieved	Vertical alignment Vertical alignment	70
4660 4670	4776	200.58579 200.27673	189.99307 184.71688	189.99307 184.71688	100	0.00%	0.00%	165	141	116		Not Achieved	Vertical alignment	80
4680	4845	199.8364	184.14827	184.14827	100	0.00%	0.00%	165	141	165	164.05823	Achieved		100
4690 4700		199.27975 198.63375	183.62118 183.13521	183.62118 183.13521	100 100		0.00%	165		165 165	164.39387 164.74461	Achieved		100
4710		197.94303 197.09127	182.6632 182.2625	182.6632 182.2625	100		0.00%	165		165 165	164.9801 165.10944	Achieved		100
4730	4895	196.05092	181.89879	181.89879	100	0.00%	0.00%	165	141	165	165.13927	Achieved		100
4740	4915	194.90319 193.64617	181.58703 181.30822	181.58703 181.30822	100	0.00%	0.00%	165	141	165 165	165.10169 165.03607	Achieved		100
4760 4770		192.34248 191.0482	181.04231 180.83761	181.04231 180.83761	100 100	0.00%	0.00%	165 165	141	165 165	164.99803 164.99368			100
4780 4790	4945	189.80437 188.63823	180.64604 180.45083	180.64604 180.45083	100 100	0.00%	0.00%	165 165	141	165 165	164.99364 164.99361	Achieved		100
4800	4965	187.60606	180.22892	180.22892	100	0.00%	0.00%	165	141	165	164.99359	Achieved		100
4810	4975 4985	186.71828 185.98458	180.04661 179.85498	180.04661 179.85498	100	0.00%	0.00%	165 165	141	165 165	164.98815 164.95642	Achieved		100
4830 4840		185.33632 184.71953	179.68649 179.52301	179.68649 179.52301	100 100		0.00%	165		165 165	164.92018 164.87675	Achieved		100
4850		184.17687 183.66622	179.29752 179.10923	179.29752 179.10923	100	0.00%	0.00%	165 165	141	165 165	164.82417 164.75008	Achieved		100
4870	5035	183.19107	178.92226	178.92226	100	0.00%	0.00%	165	141	165	164.64875	Achieved		100
4880 4890	5055	182.75617 182.37301	178.66734 178.41722	178.66734 178.41722	100 100	0.00%	0.00%	165 165	141	165 165	164.52384 164.37489	Achieved		100
4900 4910	5065 5075	182.04012 181.74949	178.17522 177.85056	178.17522 177.85056	100		0.00%	165		165	164.20733			100
4920 4930	5085	181.46551 181.24093	177.516 177.06256	177.516 177.06256	100 100	0.00%	0.00%	165 165	141	165 165	163.80047 163.62026	Achieved		100
4940	5105	181.03947	176.49559	176.49559	100	0.00%	0.00%	165	141	165	163.48446	Achieved		100
4950 4960		180.85211 180.64491	175.89151 175.20273	175.89151 175.20273	100 100		0.00%	165		165 165	163.39288 163.3502	Achieved Achieved		100
4970	5124 5126	180.42885	175.2723 175.13302	175.2723 175.13302	100 100		0.00%	165		154 146	152.51517 144.67227	Relaxed	Vertical alignment Vertical alignment	100
4990 5000	5130 5136	180.06501 179.9052	174.84673 174.39382	174.84673 174.39382	100 100	0.00%	0.00%	165 165	141	140 136	138.81302	Not Achieved Not Achieved	Vertical alignment	90
5010	5146	179.71132	173.51897	173.51897	100	0.00%	0.00%	165	141	136	135.02756	Not Achieved	Vertical alignment Vertical alignment	90
5020 5030		179.49407 179.32893	173.6972 173.6972	173.6972 173.6972	100 100		0.00%	165		124 114		Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
5040 5050	5148 5154	179.09614 178.8377	173.33431 172.74309	173.33431 172.74309	100		0.00%	165		106		Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
5060	5158	178.60067	172.30832	172.30832	100	0.00%	0.00%	165	141	98 94	97.678	Not Achieved	Vertical alignment	70
5070	5170	178.31601 177.98991	171.60457 170.86124	171.60457 170.86124	100	0.00%	0.00%	165	141	90	89.78353	Not Achieved Not Achieved	Vertical alignment Vertical alignment	70
5090 5100		177.61897 177.08302	169.87765 168.42288	169.87765 168.42288	100		0.00%	165		88 90		Not Achieved Not Achieved	Vertical alignment Vertical alignment	70
5110 5120		176.50255 175.84954	162.331 162.331	162.331 162.331	100		0.00%	165		<u>144</u> 134	143.43227 133.49038	Relaxed Not Achieved	Vertical alignment Vertical alignment	100
5130 5140	5254 5254	175.14673	162.331 162.331	162.331 162.331	100 100		0.00%	165 165		124 114	123.54625	Not Achieved Not Achieved	BRIDGE	
5150	5254	173.44842	162.331	162.331	100	0.00%	0.00%	165	141	104	103.65974	Not Achieved	BRIDGE	
5160 5170	5254 5254	172.38475 171.16124	162.331 162.331	162.331 162.331	100 100		0.00%	165		94 84		Not Achieved Not Achieved	BRIDGE BRIDGE	
5180 5190		169.93156 168.72288	162.331 162.331	162.331 162.331	100		0.00%	165		74		Not Achieved Not Achieved	BRIDGE BRIDGE	
5200 5210	5254	167.46782 166.28968	162.331 162.331			0.00%	0.00%	165	141	54	53.87224	Not Achieved Not Achieved	BRIDGE BRIDGE	
5220	5254	165.16289	162.331	162.331	100	0.00%	0.00%	165	141	34	33.92975	Not Achieved	BRIDGE	
5230 5240	5254	164.0706 163.22027	162.331 162.331	162.331 162.331	100 100	0.00%	0.00%	165 165	141	24 14	13.97357	Not Achieved Not Achieved	BRIDGE	
5250 5270		162.73253 162.37192	162.331 168.33256	162.331 168.33256	100 100	0.00%	0.00%	165	141	4	3.9925 165.07326	Not Achieved Achieved	BRIDGE	100
5280 5290	5445	162.22092	168.94623 169.58661	168.94623 169.58661	100	0.00%	0.00%	165	141		165.11084			100
5300	5465	161.9239	170.19437	170.19437	100	0.00%	0.00%	165	141	165	165.02099	Achieved		100
5310 5320	5485	161.82555 161.83883	170.74561 171.25678	170.74561 171.25678	100	0.00%	0.00%	165 165	141	165 165	164.87162 164.646	Achieved		100
5330 5340		162.1666 162.63745	171.69066 172.05842	171.69066 172.05842	100		0.00%	165 165		165 165	164.36401 164.11894			100
5350	5515	163.19075 163.75961	172.31273 172.5628	172.31273 172.5628		0.00%	0.00%	165	141	165	163.93797 163.82136	Achieved		100
5370	5535	164.33055	172.7821	172.7821	100	0.00%	0.00%	165	141	165	163.78001	Achieved		100
5380 5390	5538	164.97548 165.56302	172.81711 172.81711	172.81711 172.81711	100 100	0.00%	0.00%	165 165	141	158 148	156.89237 147.06494	Relaxed	Vertical alignment Vertical alignment	100
5400 5410		166.18673 166.85271	172.79403 172.81711	172.79403 172.81711	100 100		0.00%	165 165		136 128		Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
5420 5430	5542	167.59818 168.28676	172.84895 172.86159	172.84895 172.86159	100	0.00%	0.00%	165	141	122	121.72025	Not Achieved Not Achieved	Vertical alignment	90
5440	5550	168.95781	172.8658	172.8658	100	0.00%	0.00%	165	141	110	110.0225	Not Achieved	Vertical alignment Vertical alignment	80
5450 5460	5570	169.57409 170.18853	172.87534 172.87279	172.87534 172.87279	100 100	0.00%	0.00%	165 165	141	106 110	110.04319	Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
5470 5480		170.77682 171.32337	172.90365 172.78694	172.90365 172.78694	100 100		0.00%	165		114 124	113.95662 123.81344	Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
5490 5500	5634	171.76488 172.20305	172.45826	172.45826 172.22922	100 100	0.00%	0.00%	165	141	143.99998 165	143.72139 164.70324	Relaxed	Vertical alignment	100
5510	5675	172.48632	172.19722	172.19722	100	0.00%	0.00%	165	141	165	164.72167	Achieved		100
5520 5530	5695	172.74477 172.98035	172.17072 172.17903	172.17072 172.17903	100	0.00%	0.00%	165	141	165	164.74909 164.79206	Achieved		100
5540 5550		173.14098 173.1658	172.20995 172.28673	172.20995 172.28673	100 100		0.00%	165 165		165 165	164.83452 164.8722	Achieved Achieved		100
5560	5725	173.17191	172.33836	172.33836	100	0.00%	0.00%	165	141	165	164.90509	Achieved		100
5570 5580	5745	173.17279 173.20066	172.45238 172.58121	172.45238 172.58121	100	0.00%	0.00%	165	141	165	164.93353 164.95645	Achieved		100
5590 5600		173.1963 173.13058	172.7228 172.88294	172.7228 172.88294	100 100		0.00%	165 165		165 165	164.97823 164.99538			100
5610 5620		173.01609 172.89721	173.06292 173.24017	173.06292 173.24017			0.00%	165 165		165 165	165.00724 165.00724			100
5630			173.43411				0.00%				165.00724			100

Eye Position	Object	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous	Average Grade	Sight Distance		Sight Distance	Sight Distance Along Sight Line	Sight Line Status	Obstruction	SSD Speed Achieved
5640	Position					Grade		Required	Relaxed	Achieved	Achieved	-		EDD 2sec RT (km/h)
5650	5805 5815	172.69527 172.59768 172.54738	173.60528 173.72128 173.85055	173.60528 173.72128 173.85055	100	0.00%	0.00%	165 165	141	165 165	165.00724	Achieved Achieved		100
5660 5670	5825	172.51201	173.85055 173.96074	173.85055	100	0.00%	0.00%	165	141	165	165.00724	Achieved Achieved		100
5680 5690	5845 5855	172.48027 172.46944	174.06629 174.14154	174.06629 174.14154		0.00%	0.00%	165 165	141	165 165	165.01886			100
5700 5710	5865 5875	172.49035 172.54649	174.15901 174.1278	174.15901 174.1278	100		0.00%	165 165		165 165		Achieved Achieved		100
5720 5730	5885	172.60411	174.05599 173.99809	174.05599 173.99809		0.00%	0.00%	165 165	141	165	165.01815	Achieved		100
5740	5905	172.81313	173.94787	173.94787	100	0.00%	0.00%	165	141	165	165.01954	Achieved		100
5750 5760	5915 5925	172.9611 173.09292	173.92501 173.86934	173.92501 173.86934		0.00%	0.00%	165 165	141	165 165	165.01946	Achieved Achieved		100
5770 5780	5935 5945	173.275 173.44996	173.88888 173.89173	173.88888 173.89173	100 100	0.00%	0.00%	165	141	165 165	165.01055 165.01059	Achieved		100
5790 5800	5955 5965	173.63628 173.82156	173.84034 173.79778	173.84034 173.79778	100		0.00%	165		165 165		Achieved Achieved		100
5810 5820	5975 5985	173.9684	173.80578 173.84967	173.80578 173.84967	100 100	0.00%	0.00%	165	141	165 165	165.01092	Achieved Achieved		100
5830	5995	174.20561	173.77329	173.77329	100	0.00%	0.00%	165	141	165	165.01133	Achieved		100
5850	6005 6015	174.31747 174.41279	173.78743 173.70022	173.78743 173.70022	100	0.00%	0.00%	165 165	141	165	165.01101 164.99575	Achieved		100
5860 5870	6025 6035	174.45972 174.45395	173.65156 173.65117	173.65156 173.65117		0.00%	0.00%	165 165		165 165		Achieved Achieved		100
5880 5890	6045 6055	174.36393 174.33919	173.66055 173.6535	173.66055 173.6535	100		0.00%	165		165		Achieved Achieved		100
5900 5910	6065 6075	174.28007 174.22397	173.66842 173.71841	173.66842 173.71841	100	0.00%	0.00%	165 165	141	165 165	164.99562			100
5920	6085	174.20453	173.7908	173.7908	100	0.00%	0.00%	165	141	165	164.99561	Achieved		100
5930 5940	6095 6105	174.16771 174.17398	173.87619 173.97062	173.87619 173.97062	100	0.00%	0.00%	165	141	165	164.95491	Achieved Achieved		100
5950 5960	6115 6125	174.18936 174.11558	174.11974 174.3298	174.11974 174.3298	100		0.00%	165		165 165		Achieved Achieved		100
5970 5980	6135 6145	174.11189 174.09149	174.57377 174.75835	174.57377 174.75835	100	0.00%	0.00%	165 165	141	165 165	164.6076	Achieved Achieved		100
5990	6155	174.10156	174.88251	174.88251	100	0.00%	0.00%	165	141	165	163.92242	Achieved		100
6000 6010	6165 6175	174.10422	174.91298 174.88182	174.91298 174.88182	100	0.00%	0.00%	165	141	165	162.72915	Achieved Achieved		100
6020 6030	6185 6195	173.97299 173.97271	174.84271 174.79782	174.84271 174.79782	100	0.00%	0.00%	165 165	141	165 165	162.11249 161.57061	Achieved		100
6040 6050	6205 6215	173.96893 173.9503	174.79964 174.83359	174.79964 174.83359	100		0.00%	165 165		165 165	161.11488	Achieved Achieved		100
6060 6070	6225	173.96013	174.91039	174.91039 175.01846	100	0.00%	0.00%	165	141	165	160.5187	Achieved Achieved		100
6080	6245	174.04843	175.23521	175.23521	100	0.00%	0.00%	165	141	165	160.43971	Achieved		100
6090 6100	6255 6265	174.13198 174.21405	175.49 175.69528	175.49 175.69528	100	0.00%	0.00%	165 165	141	165	160.54892 160.75934	Achieved		100
6110 6120	6275 6285	174.33465 174.514	175.86948 175.99163	175.86948 175.99163	100		0.00%	165		165 165	161.0426 161.35235	Achieved Achieved		100
6130 6140	6295 6305	174.75572 174.97452	176.09169 176.20351	176.09169 176.20351	100	0.00%	0.00%	165 165	141	165 165	161.6345	Achieved Achieved		100
6150	6315	175.13927	176.23786	176.23786	100	0.00%	0.00%	165	141	165	162.1983	Achieved		100
6160 6170	6325 6335	175.20932 175.20073	176.16261 176.06829	176.16261 176.06829	100	0.00%	0.00%	165 165	141	165 165	162.63499	Achieved Achieved		100
6180 6190	6345 6355	175.15672 175.1199	175.95872 175.82291	175.95872 175.82291	100		0.00%	165		165 165	162.74134 162.85419	Achieved Achieved		100
6200 6210	6365 6375	175.09318 175.11244	175.65704 175.49637	175.65704 175.49637	100		0.00%	165		165		Achieved Achieved		100
6220	6385	175.16675	175.32293 175.15376	175.32293 175.15376	100	0.00%	0.00%	165	141	165	163.41707			100
6240	6405	175.4166	175.02163	175.02163	100	0.00%	0.00%	165	141	165	163.8935	Achieved		100
6250 6260	6415 6425	175.65863 175.89683	174.88632 174.75233	174.88632 174.75233	100	0.00%	0.00%	165 165	141	165 165	164.37043	Achieved Achieved		100
6270	6435 6445	176.1099 176.22025	174.6161 174.52147	174.6161 174.52147	100		0.00%	165		165	164.52962 164.63101	Achieved Achieved		100
6290 6300	6455 6465	176.34746 176.45135	174.47163 174.45956	174.47163 174.45956	100		0.00%	165 165		165 165		Achieved		100
6310 6320	6475 6485	176.53943	174.4707	174.4707	100	0.00%	0.00%	165	141	165		Achieved		100
6330	6495	176.41694	174.52839	174.52839	100	0.00%	0.00%	165	141	165 165	164.57493	Achieved		100
6340 6350	6505 6515	176.31634 176.19579	174.59294 174.63574	174.59294 174.63574	100	0.00%	0.00%	165	141	165	164.44701	Achieved Achieved		100
6360 6370	6525 6535	176.03987 175.87854	174.68594 174.74266	174.68594 174.74266	100		0.00%	165		165		Achieved Achieved		100
6380 6390					100	0.00%	0.00%		141		164.10597	Achieved		100
6400 6410	6565	175.3857 175.2575	174.76138	174.76138		0.00%	0.00%	165	141		163.82297	Achieved		100
6420	6585	175.11752	174.69819	174.69819	100	0.00%	0.00%	165	141	165	163.63783	Achieved		100
6430 6440		174.97672 174.86188	174.66061 174.62912	174.66061 174.62912		0.00%	0.00%	165 165	141		163.5794	Achieved Achieved		100
6450 6460	6615 6625	174.79314 174.75883	174.61346 174.58535	174.61346 174.58535	100		0.00%	165		165		Achieved Achieved		100
6470		174.76862	174.54331	174.54331 174.5202	100	0.00%	0.00%	165	141	165	163.74434			100
6490	6655	174.803	174.49903	174.49903	100	0.00%	0.00%	165	141	165	163.96422	Achieved		100
6500 6510	6665 6675	174.86058 174.9156	174.48634 174.47362	174.48634 174.47362	100	0.00%	0.00%	165	141		164.25746			100
6520 6530	6685 6695	174.95993 175.01537	174.43751 174.39847	174.43751 174.39847			0.00%	165		165 165		Achieved Achieved		100
6540 6550	6705 6715	175.054 175.04407	174.34816 174.30855	174.34816 174.30855	100	0.00%	0.00%	165 165	141	165	164.6389	Achieved		100
6560	6725	175.06077	174.29617	174.29617		0.00%	0.00%	165	141	165	164.7767	Achieved		100
6580	6735 6745	175.01645	174.32362	174.32362	100	0.00%	0.00%	165	141	165	164.80966	Achieved Achieved		100
6590 6600	6755 6765	174.97542 174.94589	174.33958 174.34972	174.33958 174.34972	100	0.00%	0.00%	165	141	165		Achieved		100
6610 6620	6775	174.92341 174.89843	174.35517 174.36822	174.35517 174.36822	100	0.00%	0.00%	165 165	141			Achieved Achieved		100
6630 6640		174.87431 174.83176	174.37113 174.34638	174.37113	100	0.00%	0.00%	165	141			Achieved		100
6650	6815	174.8046	174.31666	174.31666	100	0.00%	0.00%	165	141	165	164.79979	Achieved		100
6660 6670	6825 6835	174.79285 174.77865	174.31993 174.36244	174.31993 174.36244	100	0.00%	0.00%	165 165	141	165 165	164.83366	Achieved Achieved		100
6680 6690	6845	174.75956 174.71563	174.40031 174.40875	174.40031 174.40875	100	0.00%	0.00%	165 165	141	165	164.85156	Achieved		100
6700 6710	6865	174.67603	174.41683 174.43175	174.41683 174.43175	100	0.00%	0.00%	165	141	165	164.8872	Achieved Achieved		100
6720	6885	174.59932	174.45695	174.45695	100	0.00%	0.00%	165	141	165	164.92353	Achieved		100
6730 6740	6895 6905	174.59351 174.6163	174.47215 174.49975	174.47215 174.49975	100	0.00%	0.00%	165	141	165	164.95579	Achieved		100
6750 6760	6915 6925	174.63092 174.65209	174.49177 174.47593	174.49177 174.47593	100		0.00%	165 165		165 165		Achieved		100
6770 6780		174.65204	174.45572 174.43393	174.45572 174.43393	100	0.00%	0.00%	165	141		164.99427	Achieved Achieved		100
6790	6955	174.67581	174.39481	174.39481	100	0.00%	0.00%	165	141	165	164.99147	Achieved		100
6800	6965	174.65772	174.31833	174.31833	100	0.00%	0.00%	165	141	165	164.99137	Achieved		10

	Eye Position	Object	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous	Average Grade	Sight Distance		Sight Distance	Sight Distance Along Sight Line	Sight Line Status	Obstruction	SSD Speed Achieved
No. No. <th></th> <th>Achieved</th> <th>-</th> <th></th> <th>EDD 2sec RT (km/h)</th>												Achieved	-		EDD 2sec RT (km/h)
	6820	6985	174.60967	174.17139	174.17139	100	0.00%	0.00%	165	141	165	164.99378	Achieved		100
	6840	7005	174.68487	174.10602	174.10802	100	0.00%	0.00%	165	141	165	164.9938	Achieved		100
												164.99382	Achieved Achieved		100
												165.00343	Achieved		100
	6890	7055	174.76164	173.81043	173.81043	100	0.00%	0.00%	165	141	165	165.10292	Achieved		100
						100									100
												165.0077	Achieved Achieved		100
	6940	7105	174.74511	173.44238	173.44238	100	0.00%		165	141	165	164.62445	Achieved		100
····································	6960	7125	174.65761	173.39128	173.39128	100	0.00%	0.00%	165	141	165	164.02298	Achieved		100
Sub Sub <td></td> <td></td> <td></td> <td></td> <td>173.40719</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>163.52679</td> <td>Achieved</td> <td></td> <td>100</td>					173.40719							163.52679	Achieved		100
Sim Dist Dist <thdist< th=""> Dist Dist D</thdist<>															100
····································															100
····································	7030	7195	174.29953	172.44543	172.44543	100	0.00%	0.00%	165	141	165	163.9546	Achieved	Martinel - Frances	100
Simp Disp Disp <thdisp< th=""> Disp Disp <th< td=""><td>7050</td><td>7194</td><td>174.15957</td><td>172.51414</td><td>172.51414</td><td>100</td><td>0.00%</td><td>0.00%</td><td>165</td><td>141</td><td>144</td><td>143.65589</td><td>Relaxed</td><td>Vertical alignment</td><td>100</td></th<></thdisp<>	7050	7194	174.15957	172.51414	172.51414	100	0.00%	0.00%	165	141	144	143.65589	Relaxed	Vertical alignment	100
See Disk Disk <thd< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>90</td></thd<>															90
100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 </td <td></td> <td>Vertical alignment</td> <td>80</td>														Vertical alignment	80
Dia Dia <thdia< th=""> <thdia< th=""> <thdia< th=""></thdia<></thdia<></thdia<>	7100	7196	173.77993	172.37841	172.37841	100	0.00%	0.00%	165	141	96	96.11615	Not Achieved	Vertical alignment	70
Dia Dia Dial Dial <	7120	7198	173.6894	172.24725	172.24725	100	0.00%	0.00%	165	141	78	78.0285	Not Achieved	Vertical alignment	70
1001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001														Vertical alignment	60 60
100 101 101 101 101 101 100 1000 1000 1000 100 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010 1010	7150	7315	173.73471	168.24131	168.24131	100	0.00%	0.00%	165	141	165	164.99619	Achieved		100
mb mb<	7170	7335	173.83211	167.58841	167.58841	100	0.00%	0.00%	165	141	165	164.99617	Achieved		100
30 31 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41 31.41	7190	7355	173.08616	167.00171	167.00171	100	0.00%	0.00%	165	141	165	164.99616	Achieved		100
19919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919191919 </td <td></td> <td>100</td>															100
3003103103003003003003003003103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103103	7220	7385	171.39119	166.22462	166.22462	100	0.00%	0.00%	165	141	165	164.99108	Achieved		100
100 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 </td <td>7240</td> <td>7405</td> <td>170.65958</td> <td>165.67137</td> <td>165.67137</td> <td>100</td> <td>0.00%</td> <td>0.00%</td> <td>165</td> <td>141</td> <td>165</td> <td>165.00134</td> <td>Achieved</td> <td></td> <td>100</td>	7240	7405	170.65958	165.67137	165.67137	100	0.00%	0.00%	165	141	165	165.00134	Achieved		100
110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>141</td> <td>165</td> <td></td> <td></td> <td></td> <td>100</td>										141	165				100
100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 <td></td> <td>165.00241 165.00606</td> <td>Achieved Achieved</td> <td></td> <td>100</td>												165.00241 165.00606	Achieved Achieved		100
101 10.1 10.2 10.3 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0	7290	7455		164.22785		100	0.00%		165	141	165	165.00599	Achieved		100
matrix	7310	7475	168.72119	163.74655	163.74655	100	0.00%	0.00%	165	141	165	165.00854	Achieved		100
198 9.99 19.52 19.102 199 0.09 105 141 18 195.20 19.002 19.30 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00															100
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No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.No.N	7380	7545	166.64989	162.86299	162.86299	100	0.00%	0.00%	165	141	165	165.01825	Achieved		100
NBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNBNB <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.00%</td> <td></td> <td></td> <td></td> <td>165.01236</td> <td>Achieved</td> <td></td> <td>100</td>								0.00%				165.01236	Achieved		100
398 16.2780 18.2781 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 18.278 </td <td></td> <td>100</td>															100
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900915914.48914.28914.28914.28914.28914.29910.00910.00915.48914.20910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00910.00 <td>7450</td> <td>7615</td> <td>164.66538</td> <td>162.80224</td> <td>162.80224</td> <td>100</td> <td>0.00%</td> <td>0.00%</td> <td>165</td> <td>141</td> <td>165</td> <td>165.01007</td> <td>Achieved</td> <td></td> <td>100</td>	7450	7615	164.66538	162.80224	162.80224	100	0.00%	0.00%	165	141	165	165.01007	Achieved		100
9091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091.0091						100				141					100
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9778 9778 913.0007 913.1721 913.1721 913.1721 913.1721 913.1721 913.1721 913.1721 913.1721 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913.0701 913	7540	7705	163.20173	162.81707	162.81707	100	0.00%	0.00%	165	141	165	165.00979	Achieved		100
77.7518.19.00919.8.707918.4.707919.8.707919.8.707919.8.707919.8.707919.8.707919.8.707919.8.707619.707819.9.70819.8.707619.9.70819.9.70819.9.70819.9.70819.9.70819.9.70719.9.70819.9.70719.9.70819.9.70719.9.70819.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.70719.9.707 <th< td=""><td>7560</td><td>7725</td><td>163.06097</td><td>163.17571</td><td>163.17571</td><td>100</td><td>0.00%</td><td>0.00%</td><td>165</td><td>141</td><td>165</td><td>165.01207</td><td>Achieved</td><td></td><td>100</td></th<>	7560	7725	163.06097	163.17571	163.17571	100	0.00%	0.00%	165	141	165	165.01207	Achieved		100
9779 18.3088 18.4028 18.4028 18.4097 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 18.3087 1	7570	7735	163.01039	163.47078	163.47078	100	0.00%	0.00%	165	141	165	165.01197	Achieved		100
750613.027163.0027164.003164.00300.0050.005141141145150.0027Arberd <td>7590</td> <td>7755</td> <td>163.00683</td> <td>164.04236</td> <td>164.04236</td> <td>100</td> <td>0.00%</td> <td>0.00%</td> <td>165</td> <td>141</td> <td>165</td> <td>165.0119</td> <td>Achieved</td> <td></td> <td>100</td>	7590	7755	163.00683	164.04236	164.04236	100	0.00%	0.00%	165	141	165	165.0119	Achieved		100
7590 7790 161.9760 164.4058 100 0.005 105 141 115 155.0778 Advised 1 7590 7825 153.2825 154.3827 100 0.005 100 155 141 155 155.0778 Advised 1 1 155.0778 Advised 1 1 155.0778 Advised 1 1 155.0778 Advised 1 1 1 155.0788 Advised 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 </td <td>7610</td> <td>7775</td> <td>163.08257</td> <td>164.36923</td> <td>164.36923</td> <td>100</td> <td>0.00%</td> <td>0.00%</td> <td>165</td> <td>141</td> <td>165</td> <td>165.01022</td> <td>Achieved</td> <td></td> <td>100</td>	7610	7775	163.08257	164.36923	164.36923	100	0.00%	0.00%	165	141	165	165.01022	Achieved		100
7690 7131 16.1.2.453 16.1.3.255 10.0 0.006 1.65 1.41 1.65 16.0.007.6 Achieved 1.0.0.0.0 0.006 1.65 1.41 1.65 16.5.0005.0 Achieved 1.0.0.0.0 0.006 1.65 1.41 1.65 16.5.0026.0 Achieved 1.0.0.0 1.0.006 0.006 1.65 1.41 1.65 1.65.0026.00 Achieved 1.0.0.0 Achieved 1.0.0.0 Achieved 1.0.0.0.0 Achieved 1.0.0.0.0 Achieved	7630	7795	163.19763	164.40586	164.40586	100	0.00%	0.00%	165	141	165	165.00785	Achieved		100
7960 7125 18.1492 194.1497 194.1497 195.0001 Advined 195.0001															100
7680 7840 784.46507 184.46507 184.46507 184.46507 184.46507 184.46507 184.46507 184.4507 184.4507 184.4507 184.4507 184.4507 184.4508 184.5084 184.5084 Athieved 183.508 A	7660	7825	163.16502			100	0.00%	0.00%	165	141	165	165.00801	Achieved		100
T700 786 153.0724 154.7881 140.0 0.005 0.005 141 155 155.0081 Achieved 1 7710 785 155.3823 155.3823 155.3823 155.3823 100 0.005 0.005 165 141 155 155.0022 Achieved 1 7780 786 155.3215 155.8215 100 0.005 0.005 165 141 165 165.0021 Achieved 1 1 7780 785 164.9216 165.8217 100 0.005 0.005 165 141 165 165.0021 Achieved 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7680	7845	163.03057	164.46507	164.46507	100	0.00%	0.00%	165	141	165	165.00949	Achieved		100
7720 7785 163.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.3923 165.392	7700	7865	163.07242	164.75081	164.75081	100	0.00%	0.00%	165	141	165	165.00681	Achieved		100
7730 7785 183.6189 165.82135 165.82135 165.82135 165.82135 165.82135 165.82135 165.82135 165.82137 165.87437 100 0.00% 105 141 165 165.9923 Achimed 100 0.00% 105 141 165 164.9995 Achimed 100 0.00% 0.00% 165 141 165 164.9985 Achimed 100 0.00% 0.00% 165 141 165 164.9985 Achimed 100 0.00% 0.00% 165 141 165 164.9937 Achimed 100 0.00% 0.00% 165 141 165 164.9937 Achimed 100 0.00% 0.00% 165 141 165 164.9937 Achimed 100 100 0.00% 165 141 165 164.9921 Achimed 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100															100
7750 7951 164.2129 166.87437 166.87437 166.87437 166.87437 166.87437 166.87437 166.87437 166.87437 166.87437 166.87437 166.87437 166.87437 166.87437 164.8783 164.4233 167.4348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348 167.1348	7730	7895	163.61859	165.82155	165.82155	100	0.00%	0.00%	165	141	165	165.00281	Achieved		100
7770 793 164.4273 168.1303 168.1303 168.1303 168.1303 168.1303 168.1303 168.1303 168.1303 168.1303 168.1303 168.1303 168.1303 168.1303 168.1303 168.1303 168.1303 168.1303 168.1303 169.1303 169.1303 169.1303 169.1303 170.1303 170.1302 100 0.00% 0.00% 165 141 165 164.9323 Achieved 101 7800 7975 164.6673 171.1553 100 0.00% 0.00% 165 141 165 164.9213 Achieved 101 7810 7975 164.6643 171.1553 100 0.00% 165 141 165 164.9213 Achieved 101 7820 7975 164.6424 172.0399 100 0.00% 165 141 165 164.9213 Achieved 101 7840 6005 164.71844 173.5837 173.5837 100 0.00% 105 141	7750	7915	164.21249	166.87437	166.87437	100	0.00%	0.00%	165	141	165	164.99995	Achieved		100
17780 1945 146.46958 168.82429 168.82429 168.82429 168.82429 168.82429 168.82429 168.82429 168.82429 168.82429 168.82429 168.82429 168.82429 168.82429 168.82429 168.82429 168.82429 173.80 170.93802 170.3802 170.3802 170.3802 170.3802 170.3802 170.3802 170.3802 170.3802 170.3802 170.3802 170.3802 170.3802 170.3802 170.3802 170.3802 171.8533 171.1553 170.00% 0.00% 165 141 165 164.9221 Achieved - 170.10 7800 7995 164.6423 172.9991 10.000% 0.00% 165 141 165 164.9923 Achieved - - 10.1 7800 995 164.6423 172.9918 170.8917 0.000% 0.00% 165 141 165 164.9924 Achieved - 0.0 10.1 7800 8005 164.9144 174.8954 174	7770	7935	164.62723	168.13063	168.13083	100	0.00%	0.00%	165	141	165	164.99387	Achieved		100
7800 780 164.7061 773 302 710 302 710 302 710 302 710 302 710 302 710 302 710 302 710 302 710 302 710 302 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711 553 711	7780	7945	164.68958	168.82429	168.82429	100	0.00%	0.00%	165	141	165	164.99263	Achieved		100
7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 7820 <th< td=""><td>7800</td><td>7965</td><td>164.70061</td><td>170.3802</td><td>170.3802</td><td>100</td><td>0.00%</td><td>0.00%</td><td>165</td><td>141</td><td>165</td><td>164.99241</td><td>Achieved</td><td></td><td>100</td></th<>	7800	7965	164.70061	170.3802	170.3802	100	0.00%	0.00%	165	141	165	164.99241	Achieved		100
7840 8005 164.71841 173.58837 173.58837 173.58837 173.58837 173.58837 173.58837 173.58837 173.58837 173.58837 173.58837 173.58837 173.58837 173.58837 173.58837 173.58837 173.58837 173.58837 173.58837 173.58837 173.58837 173.58837 173.58837 173.58837 173.58837 174.15897 174.15897 174.15897 174.55117 100 0.00% 0.00% 165 141 165 164.99978 Achieved 101 7800 8004 165.5032 175.0634 174.05117 100 0.00% 105 141 165 164.99978 Achieved 101 7800 8044 165.5032 175.0634 175.0634 100 0.00% 165 141 142 141.99878 Relaxed Vertical alignment 101 7900 8042 166.8934 175.0634 175.0634 100 0.00% 165 141 142 141.99878 Relaxed Vertical ali	7820	7985	164.64328	172.03999	172.03999	100	0.00%	0.00%	165	141	165	164.99225	Achieved		100
7860 805 164.9454 174.58117 174.58117 100 0.00% 165 141 165 164.9897 Arkeed 100 101 7870 8035 165.109 174.9874 174.58117 100 0.00% 0.00% 165 141 165 164.9897 Arkeed 100 101 7870 8044 165.502 175.0641 175.0641 100 0.00% 0.00% 165 141 164 163.98958 Arkeed Vertical alignment 0.00 7890 8042 165.8957 175.0634 175.0634 0.00% 0.00% 165 141 142 131.98958 Balaxed Vertical alignment 0.00 7900 8004 166.8034 175.0634 175.0634 0.00% 0.00% 165 141 130 129.9912 Not Arrived Vertical alignment 0.00 0.00% 165 141 130 19.9913 Not Arrived Vertical alignment 0.00 0.00% 165	7840	8005	164.71841	173.58837	173.58837	100	0.00%	0.00%	165	141	165	164.99124	Achieved		100
7700 8035 165.1809 174.89754 174.89754 174.89754 174.89754 175.0819 174.89754 175.0819 175.0819 175.0819 175.0819 175.0819 175.0819 175.0819 175.0814 175.0814 100 0.00% 165 141 164 163.89815 Network Vertical alignment 11 7800 6042 165.8957 175.0634 175.0634 100 0.00% 165 141 152 15.8956 Network Vertical alignment 11 7900 6042 165.8957 175.0634 175.0634 100 0.00% 105 141 142 141.99973 Network Vertical alignment 11 7910 8040 165.8934 175.0831 175.08318 100 0.00% 165 141 130 119.9938 Net Achieved Vertical alignment 11 7920 8040 165.7711 175.03218 175.03218 100 0.00% 165 141 110 119.9934	7850	8015	164.81347	174.16589	174.16589	100		0.00%	165	141	165	164.99048	Achieved		100
7890 8042 165.8957 175.0634 175.0634 100 0.00% 165 141 152 151.9858 Relaxed Vertical alignment 131 7900 8042 165.8957 175.0634 175.0634 100 0.00% 165 141 142 141.98973 Relaxed Vertical alignment 101 7910 8040 166.8034 175.03218 100 0.00% 165 141 130 129.99125 Not Achieved Vertical alignment 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 </td <td>7870</td> <td>8035</td> <td>165.1809</td> <td>174.89754</td> <td>174.89754</td> <td>100</td> <td>0.00%</td> <td>0.00%</td> <td>165</td> <td>141</td> <td>165</td> <td>164.98936</td> <td>Achieved</td> <td>Vertical alignment</td> <td>100</td>	7870	8035	165.1809	174.89754	174.89754	100	0.00%	0.00%	165	141	165	164.98936	Achieved	Vertical alignment	100
7910 8040 166.8803 175.03218 175.03218 100 0.00% 165 141 130 129.99125 Not Achieved Vertical alignment 7920 8040 167.4711 175.03218 175.03218 100 0.00% 165 141 120 119.99434 Not Achieved Vertical alignment 7930 8040 168.76811 175.03218 100 0.00% 165 141 110 119.99434 Not Achieved Vertical alignment 7940 8040 168.76831 175.03218 100 0.00% 165 141 100 100 Not Achieved Vertical alignment 7950 8042 168.76831 175.03218 100 0.00% 165 141 100 100 Not Achieved Vertical alignment 7950 8042 149.2521 175.0534 175.0544 100 0.00% 165 141 92 92 Not Achieved Vertical alignment 7960 8042 149.2521	7890	8042	165.89567	175.0634	175.0634	100	0.00%	0.00%	165	141	152	151.98958	Relaxed	Vertical alignment	100
7920 8040 167.4711 175.03218 175.03218 100 0.00% 165 141 120 119.99434 Not Achieved Vertical alignment 7930 8040 168.79631 175.03218 175.03218 100 0.00% 165 141 110 109.9738 Not Achieved Vertical alignment 7940 8040 168.76831 175.03218 175.03218 100 0.00% 165 141 100 100 Not Achieved Vertical alignment 7950 8042 169.8221 175.0634 175.0634 0.00% 0.00% 165 141 92 29 Not Achieved Vertical alignment 7960 8046 170.28311 175.0534 175.0634 0.00% 0.00% 165 141 86 Not Achieved Vertical alignment 7970 8046 170.28311 175.0534 100 0.00% 105 141 86 Not Achieved Vertical alignment	7910	8040	166.88034	175.03218	175.03218	100	0.00%	0.00%	165	141	130	129.99125	Not Achieved		100
7940 8040 188.76831 175.08218 175.08218 100 0.00% 165 141 100 100 Machieved Vertical alignment 7950 8042 169.49251 175.0634 175.0634 100 0.00% 165 141 92 92 Not Achieved Vertical alignment 7960 8046 170.28311 175.1523 100 0.00% 165 141 86 86 Not Achieved Vertical alignment	7920	8040			175.03218					141		119.99434	Not Achieved	Vertical alignment	90
7960 8046 170.28811 175.12523 175.12523 100 0.00% 0.00% 165 141 86 86 Not Achieved Vertical alignment	7940	8040	168.76831	175.03218	175.03218	100	0.00%	0.00%	165	141	100	100	Not Achieved	Vertical alignment	80
7970 8050 171.05586 175.16819 175.16819 100 0.00% 0.00% 165 141 80 80 Not Achieved Vertical alignment	7960	8046	170.28811	175.12523	175.12523	100	0.00%	0.00%	165	141	86	86	Not Achieved	Vertical alignment	70

Eye Position	Object	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous	Average Grade	Sight Distance	Sight Distance	Sight Distance	Sight Distance Along Sight Line	Sight Line Status	Obstruction	SSD Speed Achieved
	Position					Grade		Required	Relaxed	Achieved	Achieved		Mantinel - Frances	EDD 2sec RT (km/h)
7980	8058 8072	171.90405	175.20878	175.20878 175.23013	100	0.00%	0.00%	165	141 141	78	82	Not Achieved Not Achieved	Vertical alignment Vertical alignment	7
8000 8010	8100 8174	173.56248	175.23899	175.23899 174.9442	100	0.00%	0.00%	165	141	100	99.99208	Not Achieved Relaxed	Vertical alignment Vertical alignment	8
8020 8030	8185 8195	174.68703	174.88488 174.85818	174.88488 174.85818	100	0.00%	0.00%	165	141	165	164.99157			10
8040	8205	175.33218	174.83143	174.83143	100	0.00%	0.00%	165	141	165	164.98869	Achieved		10
8050 8060	8215 8225	175.46819 175.51748	174.79485 174.76166	174.79485 174.76166	100 100	0.00%	0.00%	165		165	164.98871 164.98877			10
8070	8235	175.53279	174.69649	174.69649	100	0.00%	0.00%	165	141	165	164.98886	Achieved		10
8080 8090	8245 8255	175.52057	174.63006 174.56673	174.63006 174.56673	100	0.00%	0.00%	165	141	165	164.98928 164.99312	Achieved		10
8100 8110	8265 8275	175.53899 175.53942	174.52249	174.52249 174.48741	100 100	0.00%	0.00%	165 165	141 141	165	164.9969 164.99698	Achieved		10
8120	8285	175.50722	174.47499	174.47499	100	0.00%	0.00%	165	141	165	164.99698	Achieved		10
8130 8140	8295 8305	175.45544	174.4557	174.4557 174.42126	100	0.00%	0.00%	165	141	165	164.99698 164.99699			10
8150	8315	175.35116	174.35434	174.35434	100	0.00%	0.00%	165	141	165	164.99699	Achieved		10
8160 8170	8325 8335	175.29633	174.28471 174.18598	174.28471 174.18598	100 100	0.00%	0.00%	165 165	141 141	165	164.997	Achieved Achieved		10 10
8180 8190	8345 8355	175.21433 175.1664	174.1246	174.1246 174.02675	100	0.00%	0.00%	165	141	165	164.99703 164.99704			10
8200	8365	175.14855	173.89126	173.89126	100	0.00%	0.00%	165	141	165	165.00248	Achieved		10
8210 8220	8375 8385	175.10827 175.08582	173.70773	173.70773 173.49792	100	0.00%	0.00%	165		165	165.0097 165.01261	Achieved Achieved		10
8230 8240	8395 8405	175.03525	173.28745 173.0698	173.28745 173.0698	100 100	0.00%	0.00%	165 165	141	165	165.01234 165.0121	Achieved		10
8250	8415	174.90285	172.83969	172.83969	100	0.00%	0.00%	165	141	165	165.01192	Achieved		10
8260 8270	8425 8435	174.84321 174.80724	172.58966 172.27364	172.58966 172.27364	100	0.00%	0.00%	165	141 141	165	165.01288 165.01568			10
8280	8445	174.77371	171.83324	171.83324	100	0.00%	0.00%	165	141	165	165.01841	Achieved		10
8290 8300	8455 8456	174.77174 174.74088	171.25205	171.25205 171.18252	100 100	0.00%	0.00%	165 165	141	165	165.02106 156.02146	Relaxed	Vertical alignment	10 10
8310 8320	8458 8460	174.69222	171.04351 170.91091	171.04351 170.91091	100 100	0.00%	0.00%	165	141 141	148	148.02213		Vertical alignment Vertical alignment	10
8330	8462	174.52768	170.7667	170.7667	100	0.00%	0.00%	165	141	132	132.0236	Not Achieved	Vertical alignment	9
8340 8350	8464 8466	174.4481 174.39299	170.62352	170.62352 170.48148	100 100	0.00%	0.00%	165	141 141	124		Not Achieved Not Achieved	Vertical alignment Vertical alignment	9
8360	8470 8472	174.26383	170.19759 170.05643	170.19759 170.05643	100	0.00%	0.00%	165	141	110	110.02293	Not Achieved	Vertical alignment	8
8370 8380	8478	173.90312	169.63397	169.63397	100	0.00%	0.00%	165	141	98	98.01316	Not Achieved Not Achieved	Vertical alignment Vertical alignment	7
8390 8400	8488 8565	173.69355 173.482	168.99086 166.57523	168.99086 166.57523	100	0.00%	0.00%	165	141 141	98	98.01241 165.01213	Not Achieved Achieved	Vertical alignment	7
8410	8575	173.25405	166.38823	166.38823	100	0.00%	0.00%	165	141	165	165.01233	Achieved		10
8420 8430	8585 8595	173.02216 172.74652	166.22741 166.07894	166.22741 166.07894	100 100	0.00%	0.00%	165 165	141 141	165 165	165.01258 165.0102	Achieved		10
8440 8450	8605 8615	172.38013 171.86068	165.9329 165.85926	165.9329 165.85926	100	0.00%	0.00%	165	141	165	165.00531 165.00237	Achieved		10
8460	8625	171.21091	165.92196	165.92196	100	0.00%	0.00%	165	141	165	164.99938	Achieved		10
8470 8480	8635 8645	170.49759 169.79414	166.01331 166.17841	166.01331 166.17841	100	0.00%	0.00%	165	141 141	165	164.99793 164.99793			10
8490 8500	8655 8665	169.17203 168.65401	166.42579 166.72758	166.42579 166.72758	100 100	0.00%	0.00%	165 165	141 141	165	164.99792 164.99792	Achieved		10
8510	8675	168.26542	167.12649	167.12649	100	0.00%	0.00%	165	141	165	165.00493			10
8520	8685	167.91819	167.6215 168.11178	167.6215 168.11178	100	0.00%	0.00%	165	141	165	165.00667 165.00657			10
8540	8705	167.40905	168.53909	168.53909	100	0.00%	0.00%	165	141	165	165.00647	Achieved		10
8550 8560	8715 8725	167.14966	168.91341 169.19594	168.91341 169.19594	100	0.00%	0.00%	165	141 141	165	165.0046	Achieved Achieved		10
8570 8580	8735 8745	166.79135 166.60404	169.38922	169.38922 169.43653	100	0.00%	0.00%	165		165	164.99404 164.98862	Achieved		10
8590	8755	166.45464	169.39249	169.39249	100	0.00%	0.00%	165	141	165	164.98296	Achieved		10
8600	8765 8766	166.30709	169.26282 169.24386	169.26282 169.24386	100	0.00%	0.00%	165	141	165	164.97817 155.97844		Vertical alignment	10
8620 8630	8764 8764	166.17403 166.26636	169.28044 169.28044	169.28044 169.28044	100 100	0.00%	0.00%	165 165	141 141	144	143.97966	Relaxed Not Achieved	Vertical alignment	10
8640	8762	166.37776	169.31331	169.31331	100	0.00%	0.00%	165	141	122	121.98068	Not Achieved	Vertical alignment Vertical alignment	9
8650	8762 8762	166.59254	169.31331 169.31331	169.31331 169.31331	100	0.00%	0.00%	165	141	112		Not Achieved Not Achieved	Vertical alignment Vertical alignment	8
8670 8680	8764	167.19236	169.28044	169.28044	100	0.00%	0.00%	165 165	141	94		Not Achieved Not Achieved	Vertical alignment	7
8690	8770 8780	167.66748 168.17717	169.16764 168.99219	169.16764 168.99219	100	0.00%	0.00%	165	141 141	90	89.96381	Not Achieved	Vertical alignment Vertical alignment	7
8700 8710	8796 8875	168.63697 169.03157	168.66591 168.49408	168.66591 168.49408	100 100	0.00%	0.00%	165	141 141	96	95.97167 164.98652	Not Achieved Achieved	Vertical alignment	7
8720	8885	169.36597	168.75728	168.75728	100	0.00%	0.00%	165	141	165	164.99141	Achieved		10
8730 8740	8895 8905	169.61451 169.74035	169.02393 169.42633	169.02393 169.42633	100 100	0.00%	0.00%	165 165	141		164.99682 165.00204	Achieved		10
8750 8760	8915 8925	169.72148 169.64617	169.85278 170.31518	169.85278 170.31518	100 100	0.00%	0.00%	165 165	141 141	165	165.00719 165.01241			10
8770	8935	169.46764	170.76134	170.76134	100	0.00%	0.00%	165	141	165	165.01789	Achieved		10
8780 8790	8945 8955	169.29219 169.11458	171.21561 171.65594	171.21561 171.65594	100 100	0.00%	0.00%	165 165	141		165.02122 165.01682	Achieved		10 10
8800 8810	8965 8975	168.87633 168.67009	172.07785 172.49746	172.07785 172.49746	100 100	0.00%	0.00%	165 165		165 165	165.01218 165.00804			10
8820	8985	168.47962	172.98883	172.98883	100	0.00%	0.00%	165	141	165	165.00444	Achieved		10
8830 8840	8995 9005	168.34123 168.29424	173.49126 173.96927	173.49126 173.96927	100 100	0.00%	0.00%	165		165	165.00007 164.99954			10
8850 8860	9015 9025	168.34134 168.46777	174.39034 174.83065	174.39034 174.83065	100 100	0.00%	0.00%	165	141 141	165	164.99621 164.99619	Achieved		10
8870	9035	168.6616	175.17362	175.17362	100	0.00%	0.00%	165	141	165	164.99618	Achieved		10
8880 8890	9045 9055	168.94504 169.16893	175.42782	175.42782 175.59148	100	0.00%	0.00%	165	141 141	165	164.99617 164.99617			10
8900	9065 9070	169.5111	175.65876	175.65876	100	0.00%	0.00%	165	141	165	164.99617	Achieved	Vertical alignment	10
8910 8920	9072	169.93761 170.37944	175.6774 175.68111	175.6774 175.68111	100	0.00%	0.00%	165		152	159.99618 151.99619	Relaxed	Vertical alignment Vertical alignment	10
8930 8940	9072 9074	170.83779 171.28957	175.68111 175.68463	175.68111 175.68463	100	0.00%	0.00%	165	141 141	142	141.9962 133.99621	Relaxed Not Achieved	Vertical alignment Vertical alignment	10 9
8950	9076	171.73963	175.68702	175.68702	100	0.00%	0.00%	165	141	126	125.99623	Not Achieved	Vertical alignment	9
8960 8970	9078 9082	172.16849 172.58631	175.68883 175.68984	175.68883 175.68984	100	0.00%	0.00%	165	141 141	118		Not Achieved Not Achieved	Vertical alignment Vertical alignment	8
8980 8990	9086 9094	173.04048	175.68605 175.65341	175.68605 175.65341	100	0.00%	0.00%	165		106 104	105.99914	Not Achieved Not Achieved	Vertical alignment	8
9000	9112	174.03405	175.60363	175.60363	100	0.00%	0.00%	165	141	112	112	Not Achieved	Vertical alignment Vertical alignment	8
9010 9020	9174 9185	174.46639 174.91705	175.70588 175.6893	175.70588 175.6893	100 100	0.00%	0.00%	165	141 141	164	164.00205 165.0004	Relaxed Achieved	Vertical alignment	10
9030	9195 9205	175.31355	175.67944	175.67944	100	0.00%	0.00%	165	141		165.00036	Achieved		10
9050	9215	175.6141 175.81742	175.67061 175.63146	175.67061 175.63146	100	0.00%	0.00%	165	141	165	165.00036 165.00036	Achieved		10
9060 9070	9225 9235	175.94062 175.9774	175.59642	175.59642 175.55804	100	0.00%	0.00%	165		165	165.00036 165.00036			10
9060	9245	175.98982	175.4976	175.4976	100	0.00%	0.00%	165	141	165	165.00036	Achieved		10
9090 9100	9255 9265	175.97473 175.92338	175.29187 174.99388	175.29187 174.99388	100 100	0.00%	0.00%	165	141	165	165.00037 165.00037	Achieved		10
9110 9120	9275 9282	175.90318 175.91443	174.64154 174.38512	174.64154 174.38512	100 100	0.00%	0.00%	165	141		165.00037 161.9999	Achieved	Vertical alignment	10
9130	9284	175.95766	174.31772	174.31772	100	0.00%	0.00%	165	141	154	153.99885	Relaxed	Vertical alignment Vertical alignment	10
9140	9288	175.97122	174.17522	174.17522	100		0.00%	165					Vertical alignment	10

Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous Grade	Average Grade	Sight Distance	Sight Distance Relaxed	Sight Distance Achieved	Sight Distance Along Sight Line	Sight Line Status	Obstruction	SSD Speed Achieved EDD 2sec RT (km/h)
9150	Position 9290	175.96541	174.103	174.103	100		0.00%	Required 165		Achieved 140	Achieved	Not Achieved	Vertical alignment	EDD 2sec KI (km/h)
9160	9292	175.96041 175.98017 176.00647	174.02806	174.02806	100	0.00%	0.00%	165	141	132	131.99618	Not Achieved	Vertical alignment	90
9170 9180	9298 9304	175.99675	173.80506	1/3.80506 173.55905	100		0.00%	165 165		128 124		Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
9190 9200	9312 9334	175.98622	173.22287 172.37952	173.22287 172.37952	100 100		0.00%	165	141 141	122 134		Not Achieved	Vertical alignment Vertical alignment	90
9210	9375	175.95999	171.32611	171.32611	100	0.00%	0.00%	165	141	165	165.00098	Achieved		100
9220	9385 9395	175.91329 175.87621	171.18142 171.03896	171.18142 171.03896	100		0.00%	165		165 165		Achieved Achieved		100
9240 9250	9405 9415	175.83963 175.71313	170.90498 170.74768	170.90498 170.74768	100		0.00%	165		165		Achieved Achieved		100
9260	9425	175.45657	170.61269	170.61269	100	0.00%	0.00%	165	141	165	165.00097	Achieved		100
9270	9435 9445	175.11055 174.75329	170.42913 170.15952	170.42913 170.15952	100 100		0.00%	165		165 165	165.00097 164.99391	Achieved		100
9290 9300	9455 9465	174.403 174.02956	169.8133 169.39201	169.8133 169.39201	100		0.00%	165		165		Achieved Achieved		100
9310	9475	173.60271	168.97008	168.97008	100	0.00%	0.00%	165	141	165	164.99278	Achieved		100
9320 9330	9485 9495	173.20177 172.81601	168.52529 168.00736	168.52529 168.00736	100 100		0.00%	165 165		165 165		Achieved Achieved		100
9340 9350	9500 9500	172.49354 172.18502	167.74029 167.74029	167.74029 167.74029	100 100		0.00%	165 165		160 150		Relaxed	Vertical alignment Vertical alignment	100
9360	9500	171.90959	167.74029	167.74029	100	0.00%	0.00%	165	141	140	139.99169	Not Achieved	Vertical alignment	90
9370 9380	9504 9508	171.70961 171.54884	167.51798 167.29218	167.51798 167.29218	100 100	0.00%	0.00%	165 165	141 141	134 128		Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
9390 9400	9524 9565	171.41414 171.27705	166.46685 164.83458	166.46685 164.83458	100		0.00%	165 165		134 165		Not Achieved Achieved	Vertical alignment	90
9410	9575	171.12751	164.59102	164.59102	100	0.00%	0.00%	165	141	165	164.99786	Achieved		100
9420 9430	9585 9595	170.97544 170.83323	164.36462 164.18726	164.36462 164.18726	100		0.00%	165 165	141	165 165		Achieved Achieved		100
9440 9450	9605 9615	170.6044	164.05947 163.87403	164.05947 163.87403	100 100	0.00%	0.00%	165 165	141	165 165	165.00123	Achieved Achieved		100
9460	9625	169.91056	163.69686	163.69686	100	0.00%	0.00%	165	141	165	165.00026	Achieved		100
9470 9480	9635 9645	169.48272 169.05357	163.54941 163.42921	163.54941 163.42921	100 100	0.00%	0.00%	165 165	141	165 165	165.00027	Achieved Achieved		100
9490 9500	9655 9665	168.57812 168.04029	163.32667 163.20508	163.32667 163.20508	100	0.00%	0.00%	165 165	141		165.00028	Achieved Achieved		100
9510	9675	167.48158	163.10269	163.10269	100	0.00%	0.00%	165	141	165	165.00029	Achieved		100
9520 9530	9685 9695	166.96855 166.46226	162.95862 162.78378	162.95862 162.78378	100 100	0.00%	0.00%	165 165	141	165 165	165.00031	Achieved Achieved		100
9540 9550	9705 9715	165.99681	162.58956 162.41403	162.58956 162.41403	100		0.00%	165		165 165		Achieved Achieved		100
9560	9725	165.26494	162.28923	162.28923	100	0.00%	0.00%	165	141	165	164.9942	Achieved		100
9570 9580	9735 9745	165.0117 164.77534	162.18902 162.10003	162.18902 162.10003	100 100	0.00%	0.00%	165 165	141	165 165	165.01192	Achieved Achieved		100
9590 9600	9755 9765	164.56124 164.42248	162.02542 161.9804	162.02542 161.9804	100		0.00%	165 165		165 165		Achieved Achieved		100
9610 9620	9775 9785	164.26992	161.97432 161.9404	161.97432 161.9404	100 100	0.00%	0.00%	165 165	141	165 165	165.07877	Achieved Achieved		100
9630	9795	163.91946	161.90066	161.90066	100	0.00%	0.00%	165	141	165	165.08632	Achieved		100
9640 9650	9805 9815	163.78888 163.67751	161.91336 161.89523	161.91336 161.89523	100 100		0.00%	165		165 165		Achieved Achieved		100
9660 9670	9825 9835	163.56882 163.44624	161.86905 161.83085	161.86905 161.83085	100	0.00%	0.00%	165 165	141	165 165	164.98797	Achieved Achieved		100
9680	9845	163.33241	161.80049	161.80049	100	0.00%	0.00%	165	141	165	164.85713	Achieved		100
9690 9700	9855 9865	163.1852 162.97904	161.76916 161.7499	161.76916 161.7499	100		0.00%	165		165 165	164.80971 164.78646	Achieved Achieved		100
9710 9720	9875 9885	162.79279 162.65262	161.70612 161.67716	161.70612 161.67716	100		0.00%	165		165		Achieved Achieved		100
9730	9895	162.54055	161.69396	161.69396	100	0.00%	0.00%	165	141	165	164.86553	Achieved		100
9750	9905 9915	162.36137	161.65659	161.65659	100	0.00%	0.00%	165	141	165	164.98107	Achieved Achieved		100
9760 9770	9925 9935	162.29533 162.28142	161.61487 161.59474	161.61487 161.59474	100		0.00%	165		165		Achieved		100
9780 9790	9945 9955	162.25557	161.58226 161.54526	161.58226 161.54526	100	0.00%	0.00%	165 165	141	165 165	165.07285	Achieved Achieved		100
9800	9965	162.21542	161.53828	161.53828	100	0.00%	0.00%	165	141	165	165.07793	Achieved		100
9810	9975 9985	162.20686 162.18314	161.55899 161.56985	161.55899 161.56985	100		0.00%	165		165		Achieved Achieved		100
9840 9850	10005 10015	162.113 162.08677	161.64929 161.67708	161.64929 161.67708	100	0.00%	0.00%	165 165	141	165 165	164.99755	Achieved Achieved		100
9860	10025	162.05655	161.75038	161.75038	100	0.00%	0.00%	165	141	165	164.99726	Achieved		100
9870 9880	10035 10045	162.02952 161.98278	161.84192 161.98986	161.84192 161.98986	100 100		0.00%	165 165	141 141	165 165	164.99962	Achieved Achieved		100
9890	10055 10065	161.98135 161.99651	162.20677 162.4444	162.20677 162.4444	100		0.00%	165		165 165		Achieved Achieved		100
9910		161.96834 161.94014	162.69769	162.69769	100	0.00%	0.00%	165	141	165	165.04546	Achieved Achieved		100
9930	10095	161.90503	163.11566	163.11566	100	0.00%	0.00%	165	141	165	165.06009	Achieved		100
9940 9950	10105 10115	161.89042 161.86521	163.32836 163.51767	163.32836 163.51767	100 100	0.00%	0.00%	165 165	141		165.06756	Achieved Achieved		100
9960 9970	10125 10135	161.8347 161.86604	163.72888 163.98873	163.72888 163.98873	100 100	0.00%	0.00%	165	141	165	165.05638	Achieved Achieved		100
9980	10145	161.84905	164.25078	164.25078	100	0.00%	0.00%	165	141	165	165.01396	Achieved		100
9990 10010		161.90361 161.95646	164.53588 165.22876	164.53588 165.22876	100 100	0.00%	0.00%	165 165	141	165	164.9701	Achieved Achieved		100
10020 10030	10185 10195	162.01213 162.08815	165.61335 165.97691	165.61335 165.97691	100		0.00%	165		165 165	164.97867	Achieved Achieved		100
10040	10205	162.20862	166.31208 166.75695	166.31208	100	0.00%	0.00%	165	141	165	165.01638	Achieved Achieved		100
10060	10225	162.61926	167.25058	167.25058	100	0.00%	0.00%	165	141	165	165.00435	Achieved		100
10070	10235 10245	162.87348 163.11171	167.78981 168.37578	167.78981 168.37578	100 100		0.00%	165 165		165 165		Achieved Achieved		100
10090 10100	10255 10265	163.30169 163.51947	168.95245 169.49921	168.95245 169.49921	100 100		0.00%	165	141	165	164.89268	Achieved Achieved		100
10110	10275	163.73001	170.05755	170.05755	100	0.00%	0.00%	165	141	165	164.73316	Achieved		100
10120 10130	10285 10295	163.918 164.14935	170.58079 171.07666	170.58079 171.07666	100	0.00%	0.00%	165 165	141	165	164.52487	Achieved Achieved		100
10140 10150	10305 10315	164.42286 164.68329	171.5003 171.86408	171.5003 171.86408	100		0.00%	165 165				Achieved Achieved		100
10160	10325	165.01214	172.21178	172.21178	100	0.00%	0.00%	165	141	165	164.34775	Achieved		100
10170 10180	10335 10345	165.35464 165.72332	172.47994 172.76301	172.47994 172.76301	100 100	0.00%	0.00%	165 165	141	165	164.31085	Achieved Achieved		100
10190 10200	10355 10365	166.11477 166.43577	173.06651 173.3614	173.06651 173.3614	100		0.00%	165		165 165		Achieved Achieved		100
10210	10375	166.82646	173.62992	173.62992	100	0.00%	0.00%	165	141	165	164.41153	Achieved Achieved		100
10230	10395	167.80506	174.15978	174.15978	100	0.00%	0.00%	165	141	165	164.54938	Achieved		100
10240 10250	10405 10415	168.38296 168.95834	174.40993 174.70719	174.40993 174.70719		0.00%	0.00%	165 165	141	165	164.67305	Achieved Achieved		100
10260 10270	10425 10435	169.5385 170.07319	174.9981 175.23577	174.9981 175.23577	100 100	0.00%	0.00%	165 165	141	165	164.7264	Achieved Achieved		100
10280	10445	170.63138	175.43241	175.43241	100	0.00%	0.00%	165	141	165	164.80877	Achieved		100
10290 10300	10455 10465	171.13825 171.59549	175.55351 175.63585	175.55351 175.63585	100 100	0.00%	0.00%	165 165	141	165	164.84877	Achieved Achieved		100
10310 10320	10475 10484	171.96722	175.55251 175.3193	175.55251 175.3193	100		0.00%	165		165 164	164.85573 163.86924	Achieved Relaxed	Vertical alignment	100
10320							0.00%						Vertical alignment	100

Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous Grade	Average Grade	Sight Distance Required	Sight Distance Relaxed	Sight Distance Achieved	Sight Distance Along Sight Line	Sight Line Status	Obstruction	SSD Speed Achieved EDD 2sec RT (km/h)
10340	10484	172.91844	175.3193	175.3193	100	0.00%	0.00%	165	141	144	Achieved 143.90109	Relaxed	Vertical alignment	100 2sec k1 (kit/1)
10350	10486	173.21182	175.25175	175.25175	100	0.00%	0.00%	165	141	136	135.9144	Not Achieved	Vertical alignment	90
10360 10370	10486 10488	173.52375 173.78936	175.25175 175.18243	175.25175 175.18243	100	0.00%	0.00%	165	141 141	126		Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
10380 10390	10490 10492	174.07215 174.33681	175.10802 175.02257	175.10802	100 100	0.00%	0.00%	165	141 141	110 102	109.94212	Not Achieved Not Achieved	Vertical alignment	80 80
10390	10492	174.558366	175.02257	175.02257	100	0.00%	0.00%	165	141	94		Not Achieved	Vertical alignment Vertical alignment	70
10410 10420	10496 10500	174.85458 175.15546	174.84104 174.6425	174.84104 174.6425	100 100		0.00%	165	141 141	86 80		Not Achieved Not Achieved	Vertical alignment Vertical alignment	70
10430	10506	175.42568	174.33086	174.33086	100	0.00%	0.00%	165	141	76	75.96455	Not Achieved	Vertical alignment	60
10440 10450	10524	175.64666	173.52065 173.68582	173.52065 173.68582	100	0.00%	0.00%	165 165	141 141	84		Not Achieved Achieved	Vertical alignment	70
10460 10470	10625 10635	175.90452 175.92316	174.08578 174.53186	174.08578 174.53186	100 100	0.00%	0.00%	165 165	141 141	165 165	164.98594 164.99449	Achieved		100 100
10470	10635	175.73189	174.55180 175.0087	174.55186	100		0.00%	105	141	165	164.99449	Achieved		100
10490	10655 10665	175.40802	175.50269 175.99174	175.50269 175.99174	100 100		0.00%	165	141 141	165	164.99629 164.99655	Achieved		100
10510	10675	174.42706	176.46878	176.46878	100	0.00%	0.00%	165	141	165	164.99757	Achieved		100
10520 10530	10685 10695	173.97614 173.61464	176.88001 177.33918	176.88001 177.33918	100	0.00%	0.00%	165	141 141	165 165		Achieved Achieved		100
10540	10705	173.31187	177.69797	177.69797	100	0.00%	0.00%	165	141	165 165	165.09545	Achieved		100
10550 10560	10715 10725	173.09045 173.01428	177.93049 178.12058	177.93049 178.12058	100 100	0.00%	0.00%	165 165	141 141	165	165.07869			100
10570	10735 10745	173.05238	178.28785 178.4176	178.28785 178.4176	100		0.00%	165	141 141	165	165.02146 164.97511	Achieved		100
10590	10755	173.32634	178.59601	178.59601	100	0.00%	0.00%	165	141	165	164.92307	Achieved		100
10600 10610	10765 10775	173.50901 173.80129	178.77973 178.93344	178.77973 178.93344	100	0.00%	0.00%	165	141 141	165		Achieved Achieved		100
10620	10778	174.18422	178.97547	178.97547	100	0.00%	0.00%	165	141	158	157.82662	Relaxed	Vertical alignment	100
10630 10640	10784 10800	174.60167 175.06553	179.06554 179.35206	179.06554 179.35206	100	0.00%	0.00%	165	141 141	154	153.81093 159.70909	Relaxed	Vertical alignment Vertical alignment	100
10650	10815 10825	175.5528	179.59713 179.73663	179.59713 179.73663	100		0.00%	165	141 141	165	164.56336 164.45782	Achieved Achieved		100
10670	10835	176.53576	179.83082	179.83082	100	0.00%	0.00%	165	141	165	164.33232	Achieved		100
10680 10690	10845 10852	176.97221 177.42464	179.8867 179.90806	179.8867 179.90806	100 100	0.00%	0.00%	165 165	141 141	165 162	164.1744 161.01519	Achieved Relaxed	Inside Curve/Vertical Alignment	100 100
10700 10710	10854 10860	177.83793 178.13234	179.91156 179.90498	179.91156 179.90498	100 100	0.00%	0.00%	165 165	141	154	152.94155 148.81756	Relaxed	Inside Curve/Vertical Alignment	100 100
10720	10866	178.31582	179.87563	179.87563	100	0.00%	0.00%	165	141	146	144.73165	Relaxed	Inside Curve/Vertical Alignment Inside Curve/Vertical Alignment	100
10730 10740	10874 10884	178.51373 178.65118	179.7888 179.61514	179.7888 179.61514	100 100		0.00%	165 165	141 141	144 144	142.69738 142.67095		Inside Curve/Vertical Alignment Inside Curve/Vertical Alignment	100
10750	10894	178.79851	179.41937	179.41937	100	0.00%	0.00%	165	141	144	142.65166	Relaxed	Inside Curve/Vertical Alignment	100
10760 10770	10900 10906	178.99529 179.16164	179.30806 179.16131	179.30806 179.16131	100 100	0.00%	0.00%	165 165		140 136		Not Achieved Not Achieved	Inside Curve/Vertical Alignment Inside Curve/Vertical Alignment	90 90
10780 10790	10910 10918	179.30433 179.46879	179.05613 178.84418	179.05613 178.84418	100 100	0.00%	0.00%	165 165	141 141	130 128	128.99177	Not Achieved Not Achieved	Inside Curve/Vertical Alignment	90 90
10800	10928	179.65206	178.57757	178.57757	100	0.00%	0.00%	165	141	128		Not Achieved	Inside Curve/Vertical Alignment Inside Curve/Vertical Alignment	90
10810 10820	10942 10948	179.81855 179.97214	178.13095 177.91475	178.13095 177.91475	100	0.00%	0.00%	165 165	141 141	132		Not Achieved Not Achieved	Inside Curve/Vertical Alignment Inside Curve/Vertical Alignment	90
10830	10956	180.09202	177.61263	177.61263	100	0.00%	0.00%	165	141	126	124.69465	Not Achieved	Inside Curve/Vertical Alignment	90
10840	10964 10976	180.15939 180.2041	177.31874 176.87827	177.31874 176.87827	100	0.00%	0.00%	165	141 141	124		Not Achieved Not Achieved	Inside Curve/Vertical Alignment Inside Curve/Vertical Alignment	90 90
10860	10994	180.20498	176.20787	176.20787	100	0.00%	0.00%	165	141	134		Not Achieved	Inside Curve/Vertical Alignment	90
10870	11022 11045	180.13822 179.99144	175.23297 174.50343	175.23297 174.50343	100 100	0.00%	0.00%	165 165	141 141	152	150.80395 163.98679	Achieved	Inside Curve/Vertical Alignment	100 100
10890 10900	11055 11065	179.78906 179.60806	174.18601 173.89983	174.18601 173.89983	100 100	0.00%	0.00%	165	141	165	164.23308 164.44123			100
10910	11075	179.35613	173.6029	173.6029	100	0.00%	0.00%	165	141	165	164.61057	Achieved		100
10920 10930	11085 11095	179.09046 178.82118	173.2672 172.89735	173.2672 172.89735	100		0.00%	165	141 141	165 165	164.74149 164.83668			100
10940 10950	11105 11115	178.49881 178.13956	172.49428 172.11068	172.49428 172.11068	100	0.00%	0.00%	165	141 141	165 165		Achieved Achieved		100
10960	11125	177.76489	171.80683	171.80683	100	0.00%	0.00%	165	141	165	164.95926	Achieved		100
10970	11135 11145	177.40151	171.47482 171.14784	171.47482	100	0.00%	0.00%	165	141	165	164.97395 164.98768	Achieved Achieved		100
10990	11155	176.65272	170.8468	170.8468	100		0.00%	165	141	165	164.99223	Achieved		100
11000	11165 11175	176.28938 175.93063	170.54565 170.23417	170.54565 170.23417	100	0.00%	0.00%	165	141 141	165	164.99222 164.99221			100
11020 11030	11185 11195	175.5996 175.27699	169.91575 169.63053	169.91575 169.63053	100	0.00%	0.00%	165	141 141	165		Achieved Achieved		100
11040	11205	174.96682	169.3798	169.3798	100	0.00%	0.00%	165	141	165	164.99229	Achieved		100
11050 11060	11215 11225	174.64188 174.34151	169.14024 168.91506	169.14024 168.91506	100 100	0.00%	0.00%	165 165	141 141	165 165	164.99235	Achieved Achieved		100 100
11070 11080	11235 11245	174.05713 173.73527	168.72229 168.53578	168.72229 168.53578	100 100		0.00%	165 165		165 165	164.9925	Achieved Achieved		100
11090	11255	173.38567	168.35861	168.35861	100	0.00%	0.00%	165	141	165	165.0024	Achieved		100
11100 11110	11265 11275	172.99955 172.58623	168.15696 167.94227	168.15696 167.94227	100	0.00%	0.00%	165	141 141	165 165	165.03331 165.07852	Achieved Achieved		100
11120	11285	172.25858	167.66188	167.66188	100	0.00%	0.00%	165	141	165	165.12447	Achieved		100
11130 11140	11295 11305	171.94371 171.60829	167.32803 166.95575	167.32803 166.95575	100 100		0.00%	165 165		165 165	165.06929			100 100
11150 11160	11315 11325	171.29681 170.99605	166.58459 166.24748	166.58459 166.24748	100	0.00%	0.00%	165	141	165		Achieved Achieved		100
11170	11335	170.69277	165.95776	165.95776	100	0.00%	0.00%	165	141	165	164.40382	Achieved		100
11180 11190	11345 11355	170.3707 170.06813	165.72191 165.53573	165.72191 165.53573	100	0.00%	0.00%	165	141 141	165 165	164.0712	Achieved Achieved		100
11200	11365	169.80022 169.55968	165.40029	165.40029 165.29964	100	0.00%	0.00%	165	141	165	163.47932	Achieved		100
11210 11220	11375 11385	169.32108	165.29964 165.25233	165.25233	100	0.00%	0.00%	165 165	141	165 165		Achieved		100
11230 11240	11395 11405	169.11647 168.9295	165.23953 165.22211	165.23953 165.22211	100		0.00%	165 165	141 141	165		Achieved Achieved		100
11250	11415	168.74463	165.21752	165.21752	100	0.00%	0.00%	165	141	165	163.66513	Achieved		100
11260 11270	11425 11435	168.55834 168.36034	165.26379 165.32506	165.26379 165.32506	100		0.00%	165 165	141 141	165 165		Achieved Achieved		100
11280	11445	168.10756 167.80349	165.39022 165.43639	165.39022 165.43639	100	0.00%	0.00%	165 165	141	165 165	164.66764	Achieved		100
11290 11300	11455 11465	167.44202	165.49735	165.49735	100	0.00%	0.00%	165	141	165	164.90108 165.04985	Achieved		100
11310 11320	11475 11485	167.0671 166.70716	165.62528 165.75186	165.62528 165.75186	100 100	0.00%	0.00%	165		165	165.11983	Achieved Achieved		100
11330	11495	166.39581	165.85275	165.85275	100	0.00%	0.00%	165	141	165	165.0909	Achieved		100
11340 11350	11505 11515	165.92151	165.95967 166.07797	165.95967 166.07797	100 100	0.00%	0.00%	165	141 141	165 165		Achieved Achieved		100
11360	11525	165.76367	166.20579	166.20579	100	0.00%	0.00%	165	141	165	165.0057	Achieved		100
11370 11380	11535 11545	165.64094 165.56464	166.31917 166.42488	166.31917 166.42488	100 100	0.00%	0.00%	165 165	141 141	165 165	165.00259	Achieved Achieved		100 100
11390 11400	11555 11565	165.54571 165.53354	166.51203 166.60784	166.51203 166.60784	100 100	0.00%	0.00%	165	141 141	165 165	165.00258	Achieved Achieved		100
11410	11575	165.51186	166.73463	166.73463	100	0.00%	0.00%	165	141	165	165.00257	Achieved		100
11420 11430	11585 11595	165.53027 165.59338	166.85002 166.95958	166.85002 166.95958	100 100		0.00%	165		165	165.00256			100
11440	11605	165.66213	167.08044	167.08044	100	0.00%	0.00%	165	141	165	165.00256	Achieved		100
11450 11460	11615 11625	165.71422 165.75687	167.21645 167.35127	167.21645 167.35127	100 100		0.00%	165 165		165 165	165.00256	Achieved Achieved		100 100
11470 11480	11635 11645	165.85012	167.48406 167.63007	167.48406 167.63007	100		0.00%	165	141	165	165.00257	Achieved Achieved		100
11490	11655	166.10216	167.76695	167.76695	100	0.00%	0.00%	165	141	165	165.0059	Achieved		100
11500	11665	166.20284					0.00%							10

Eye Position	Object	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous	Average Grade	Sight Distance		Sight Distance	Sight Distance Along Sight Line	Sight Line Status	Obstruction	SSD Speed Achieved
11510	Position 11675	166.31826	167.99452	167.99452	100	Grade 0.00%	0.00%	Required 165	Relaxed 141	Achieved 165	Achieved	Achieved		EDD 2sec RT (km/h)
11510	11685	166.44421	168.07439	168.07439	100	0.00%	0.00%	165	141	165	165	Achieved Achieved		100
11540	11705	166.67244	168.23168	168.23168	100	0.00%	0.00%	165	141	165	164.99982	Achieved		100
11550 11560	11715 11725	166.76897 166.85804	168.33018 168.42442	168.33018 168.42442	100 100	0.00%	0.00%	165 165	141	165 165	164.99982 164.99982	Achieved		100
11570 11580	11735 11745	166.96848 167.0982	168.51936 168.60658	168.51936 168.60658	100		0.00%	165 165		165 165	164.99982 164.99982	Achieved Achieved		100
11590 11600	11755 11765	167.20046 167.31688	168.66782 168.70023	168.66782 168.70023	100 100	0.00%	0.00%	165 165	141	165	164.99982	Achieved		100
11610	11775	167.44508	168.72685	168.72685	100	0.00%	0.00%	165	141	165	164.99982	Achieved		100
11620 11630	11785 11795	167.58638 167.71598	168.76723 168.82443	168.76723 168.82443	100 100	0.00%	0.00%	165 165	141	165 165	164.99982	Achieved Achieved		100
11640 11650	11805 11815	167.8569 168.00205	168.88156 168.94054	168.88156 168.94054	100 100	0.00%	0.00%	165	141	165 165	164.99982			100
11660 11670	11825 11835	168.13332 168.25036	169.00955 169.07321	169.00955 169.07321	100 100		0.00%	165		165 165		Achieved Achieved		100
11680 11690	11845 11855	168.33768 168.40689	169.13437 169.19266	169.13437 169.19266	100 100	0.00%	0.00%	165		165 165	164.99716	Achieved Achieved		100
11700	11865	168.48422	169.24782	169.24782	100	0.00%	0.00%	165	141	165	164.99732	Achieved		100
11710 11720	11875 11885	168.58173 168.67886	169.27867	169.27867	100	0.00%	0.00%	165 165	141	165	164.9973	Achieved Achieved		100
11730 11740	11895 11905	168.77044 168.86915	169.24525 169.20549	169.24525 169.20549	100 100	0.00%	0.00%	165 165		165 165	164.9973	Achieved Achieved		100
11750 11760	11915 11925	168.94231 168.98463	169.1656 169.1131	169.1656 169.1131	100 100		0.00%	165		165		Achieved Achieved		100
11770 11780		169.01287 169.04099	169.05773 169.00819	169.05773 169.00819	100 100	0.00%	0.00%	165 165	141	165 165	164.99729	Achieved Achieved		100
11790	11955	169.0948	168.94965	168.94965	100	0.00%	0.00%	165	141	165	164.9973	Achieved		100
11800 11810	11965 11975	169.15438 169.20739	168.94383 168.93605	168.94383 168.93605	100	0.00%	0.00%	165	141	165	164.99732			100
11820 11830	11985 11995	169.27722 169.34321	168.95218 169.00504	168.95218 169.00504	100		0.00%	165		165 165	165.00275 165.0045	Achieved Achieved		100
11840 11850	12005	169.4046 169.46306	169.05945 169.10751	169.05945 169.10751	100	0.00%	0.00%	165	141	165	165.00705	Achieved		100
11860	12025	169.51938	169.17668	169.17668	100	0.00%	0.00%	165	141	165	165.00691	Achieved		100
11870 11880	12035	169.57664 169.58947	169.27892 169.38873	169.27892 169.38873	100	0.00%	0.00%	165	141	165	165.00683	Achieved Achieved		100
11890 11900	12055 12065	169.56601 169.52414	169.4957 169.63056	169.4957 169.63056	100 100	0.00%	0.00%	165	141 141	165 165		Achieved Achieved		100
11910 11920	12075 12085	169.49067 169.44079	169.81635 170.0046	169.81635 170.0046	100	0.00%	0.00%	165 165	141	165 165		Achieved		100
11920 11930 11940	12085	169.38398	170.23988	170.23988	100	0.00%	0.00%	165	141	165	165.00686	Achieved		100
11950	12115	169.26798	170.7575	170.7575	100	0.00%	0.00%	165		165		Achieved		100
11960 11970	12125	169.24581 169.24613	171.04183 171.34629	171.04183 171.34629	100		0.00%	165	141 141	165	165.00423	Achieved		100
11980 11990	12145 12155	169.23353 169.27779	171.63802 171.95654	171.63802 171.95654	100	0.00%	0.00%	165 165	141	165 165	165.00271 164.99713	Achieved		100
12000	12165	169.33184	172.26065	172.26065	100	0.00%	0.00%	165	141	165	164.99712	Achieved		100
12010 12020	12175 12185	169.38372 169.43173	172.56354 172.80292	172.56354 172.80292	100 100	0.00%	0.00%	165 165	141	165 165	164.99711	Achieved Achieved		100
12030 12040	12195 12205	169.52364 169.64013	172.96807 173.08324	172.96807 173.08324	100		0.00%	165	141	165		Achieved Achieved		100
12050 12060	12215 12225	169.7415 169.85383	173.16574 173.23655	173.16574 173.23655	100 100	0.00%	0.00%	165 165	141	165 165		Achieved		100
12070	12235	170.03029	173.28968	173.28968	100	0.00%	0.00%	165	141	165	164.99713	Achieved		100
12080 12090	12245 12255	170.19738 170.42564	173.34788 173.39921	173.34788 173.39921	100 100	0.00%	0.00%	165 165	141	165 165	164.99715	Achieved Achieved		100
12100	12265 12275	170.66289	173.45096 173.47096	173.45096 173.47096	100		0.00%	165		165		Achieved Achieved		100
12120 12130	12285 12295	171.19442 171.49179	173.47808 173.47412	173.47808 173.47412	100		0.00%	165 165		165 165		Achieved		100
12140	12305	171.79663	173.49724	173.49724	100	0.00%	0.00%	165	141	165	164.9943	Achieved		100
12160	12325	172.0997 172.4084	173.59736	173.59736	100 100	0.00%	0.00%	165	141	165	164.99427 164.99424	Achieved		100
12170 12180	12335 12345	172.7163 172.99338	173.67072 173.72951	173.67072 173.72951	100		0.00%	165		165	164.99423 164.99422	Achieved		100
12190 12200	12355 12365	173.19472 173.32648	173.71763 173.60764	173.71763 173.60764	100		0.00%	165	141	165 165		Achieved Achieved		100
12210	12375 12385	173.42497	173.44623	173.44623	100	0.00%	0.00%	165	141	165 165	164.9815	Achieved		100
12220	12395	173.50471 173.56212	173.28437 173.13677	173.28437 173.13677	100		0.00%	165		165	164.98091	Achieved Achieved		100
12240 12250	12415		172.96697 172.77655	172.96697 172.77655	100	0.00%	0.00%		141		164.98067			100
12260 12270		173.7292 173.76507	172.61792 172.47104	172.61792 172.47104	100		0.00%	165 165		165 165		Achieved Achieved		100
12280 12290	12445 12455	173.77822 173.77324	172.3651 172.28448	172.3651 172.28448	100		0.00%	165	141	165	164.98622	Achieved Achieved		100
12250	12455	173.78297 173.81056	172.24256	172.24256	100	0.00%	0.00%	165	141	165	164.98627	Achieved		100
12320	12485	173.86409	172.22226	172.22226	100	0.00%	0.00%	165	141	165	164.98649	Achieved		100
12330 12340		173.93237 174.00496	172.25148 172.28198	172.25148 172.28198	100 100	0.00%	0.00%	165 165	141	165 165	164.98687			100
12350 12360	12515 12525	174.0319 173.96805	172.3341 172.41059	172.3341 172.41059	100 100	0.00%	0.00%	165 165	141		164.98713	Achieved Achieved		100
12300		173.8283	172.41033	172.41033	100	0.00%	0.00%	165	141	165	165.04118	Achieved		100
12390	12555	173.51234	172.63247	172.63247	100	0.00%	0.00%	165	141	165	165.15727	Achieved		100
12400 12410		173.35631 173.17052	172.69557 172.75706	172.69557 172.75706	100 100	0.00%	0.00%	165 165	141	165 165	164.90882	Achieved Achieved		100
12420 12430	12585 12595	172.9977 172.84018	172.82027 172.84654	172.82027 172.84654			0.00%	165 165		165 165		Achieved Achieved		100
12440	12605	172.71392 172.62424	172.8136	172.8136 172.77863	100	0.00%	0.00%	165	141	165	163.40901	Achieved Achieved		100
12460	12625	172.55893	172.7973	172.7973	100	0.00%	0.00%	165	141	165	162.1026	Achieved		100
12470 12480		172.52681 172.51546	172.85452 172.93998	172.85452 172.93998	100 100	0.00%	0.00%	165 165	141		161.46784	Achieved Achieved		100
12490 12500	12655 12665	172.53593 172.56365	173.07633 173.25133	173.07633 173.25133	100		0.00%	165 165		165 165		Achieved Achieved		100
12510	12675	172.6049	173.49006	173.49006	100	0.00%	0.00%	165	141	165	161.93038			100
12530	12695	172.7438	174.19649	174.19649	100	0.00%	0.00%	165	141	165	163.15432	Achieved		100
12540 12550	12715	172.81014 172.89061	174.5802 174.90122	174.5802 174.90122	100 100	0.00%	0.00%	165 165	141	165 165	164.38517	Achieved Achieved		100
12560 12570	12725	172.96261 173.0298	175.13737 175.30078	175.13737 175.30078	100 100		0.00%	165 165	141		164.74485			100
12580	12745	173.08619	175.39807	175.39807	100	0.00%	0.00%	165	141	165	164.95852	Achieved		100
12590 12600		173.13868 173.14143	175.47579 175.57358	175.47579 175.57358	100	0.00%	0.00%		141		164.76011			100
12610 12620	12775 12785	173.06877 173.0634	175.71045 175.8523	175.71045 175.8523	100	0.00%	0.00%	165 165	141	165 165	164.66815	Achieved Achieved		100
12630 12640	12795 12805	173.12343 173.19303	176.01654 176.19825	176.01654 176.19825	100	0.00%	0.00%	165 165	141	165	164.67379			100
12650	12815	173.30392	176.37721	176.37721	100	0.00%	0.00%	165	141	165	164.70842	Achieved		100
12660		173.45749 173.65834	176.52679 176.66197	176.52679 176.66197	100		0.00%	165		165 165		Achieved Achieved		100

Eye Position	Object	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous	Average Grade	Sight Distance		Sight Distance	Sight Distance Along Sight Line	Sight Line Status	Obstruction	SSD Speed Achieved
12680	Position 12845	173.93737	176.77964	176.77964	100	Grade 0.00%	0.00%	Required 165	Relaxed 141	Achieved 165	Achieved 164.81218	-		EDD 2sec RT (km/h)
12690	12855	174.29109	176.8837	176.8837	100	0.00%	0.00%	165	141	165	164.83795	Achieved		10
12700 12710	12865 12875	175.04919	176.97479 177.04846	176.97479 177.04846	100	0.00%	0.00%	165 165	141	165	164.8897	Achieved Achieved		10
12720 12730	12885 12895	175.33488 175.52787	177.12586 177.19232	177.12586 177.19232	100 100	0.00%	0.00%	165 165	141	165 165	164.9349	Achieved Achieved		10
12740 12750	12905 12915	175.65468 175.73657	177.25751 177.33876	177.25751 177.33876	100		0.00%	165		165	164.95413 164.9686	Achieved Achieved		10
12760 12770	12925 12935	175.81823	177.4389 177.55087	177.4389	100 100	0.00%	0.00%	165	141	165	164.96849 164.96857	Achieved		10
12780	12945 12955	176.07907 176.22974	177.64258 177.69478	177.64258 177.69478	100	0.00%	0.00%	165	141	165	164.96883			10
12800	12965	176.4058	177.69998	177.69998	100	0.00%	0.00%	165	141	165	164.9699	Achieved		10
12810 12820	12975 12985	176.59045 176.75671	177.71175 177.65345	177.71175 177.65345	100 100	0.00%	0.00%	165 165	141	165 165	164.97072 164.97171	Achieved		10
12830 12840	12995 13005	176.89656 177.02206	177.63013 177.5981	177.63013 177.5981	100 100		0.00%	165		165 165	164.97589 164.98409			10
12850 12860	13015 13025	177.13165 177.2311	177.49738 177.47903	177.49738 177.47903	100		0.00%	165		165 165	164.97578 164.98051			10
12870 12880	13035 13045	177.31423 177.38429	177.50699 177.58462	177.50699 177.58462	100		0.00%	165 165	141	165 165	164.97925 164.97867	Achieved		10
12890	13055	177.4624	177.72719	177.72719	100	0.00%	0.00%	165	141	165	164.9782	Achieved		10
12900 12910	13065 13075	177.52253 177.59489	177.89283 178.04186	177.89283 178.04186	100 100	0.00%	0.00%	165 165	141	165 165	164.97783 164.97756	Achieved		10
12920 12930	13085 13095	177.68543 177.79608	178.19716 178.31636	178.19716 178.31636	100 100	0.00%	0.00%	165	141	165 165	164.97739 164.97732			10
12940 12950	13105 13115	177.89921 177.98178	178.41255 178.53789	178.41255 178.53789	100		0.00%	165		165	164.97736 164.97749			10
12960 12970	13125 13135	177.9975 178.008	178.71342 178.93805	178.71342 178.93805	100 100	0.00%	0.00%	165 165	141	165 165	164.97773 164.97806	Achieved		10
12980	13145 13155	177.97878	179.23937 179.57577	179.23937 179.57577	100	0.00%	0.00%	165	141	165		Achieved		10
13000	13165	177.92944	179.93931	179.93931	100	0.00%	0.00%	165	141	165	164.98423	Achieved		10
13010 13020	13175 13185	177.83376 177.77838	180.34302 180.87474	180.34302 180.87474	100 100	0.00%	0.00%	165 165	141	165	164.99223 165.01566	Achieved		10
13030 13040	13195 13205	177.78508 177.83885	181.41069 181.95736	181.41069 181.95736	100 100		0.00%	165 165		165 165	165.05126 165.08157			10
13050 13060	13215 13225	177.94872 178.1088	182.45146 182.86526	182.45146 182.86526	100	0.00%	0.00%	165	141	165	165.09841 165.17664	Achieved		100
13070	13235	178.27121	183.1621	183.1621 183.35438	100	0.00%	0.00%	165	141	165	165.07757	Achieved		100
13060 13090	13255	178.41807 178.55951	183.5096	183.5096	100	0.00%	0.00%	165	141	165	164.69526 163.97017	Achieved		100
13100 13110	13265 13275	178.66564 178.76805	183.62384 183.63161	183.62384 183.63161	100 100	0.00%	0.00%	165 165	141	165 165		Achieved		10
13120 13130	13285 13295	178.91952 179.11854	183.53089 183.40539	183.53089 183.40539	100 100		0.00%	165		165 165	159.62771 158.1011	Achieved Achieved		10
13140 13150	13305 13315	179.37782 179.71177	183.29962 183.19321	183.29962 183.19321	100 100	0.00%	0.00%	165 165	141	165 165	156.90072 156.05979	Achieved		10
13160	13325	180.05818	183.12233	183.12233	100	0.00%	0.00%	165	141	165	155.67528	Achieved		10
13170 13180	13335 13345	180.43126 180.8924	183.1265 183.33517	183.1265 183.33517	100 100	0.00%	0.00%	165 165	141	165 165	155.76214 156.31126	Achieved		10
13190 13200	13355 13365	181.44679 181.99148	183.76806 184.30668	183.76806 184.30668	100 100		0.00%	165 165		165 165	157.29531 158.59322			10
13210 13220	13375 13385	182.50446 182.97704	184.87768 185.39203	184.87768 185.39203	100 100		0.00%	165	141 141	165	160.15698 161.85928	Achieved Achieved		10
13230 13240	13395 13405	183.32968 183.57049	185.79954 186.07032	185.79954 186.07032	100 100	0.00%	0.00%	165 165	141	165 165	163.23305 164.21257	Achieved		10
13250	13415	183.73221	186.23593	186.23593	100	0.00%	0.00%	165	141	165	164.77113	Achieved		10
13260 13270	13425 13435	183.87313 183.95124	186.31492 186.29391	186.31492 186.29391	100 100	0.00%	0.00%	165 165	141	165	164.96754 164.84876	Achieved		10
13280 13290	13445 13455	183.88355 183.77503	186.26569 186.21942	186.26569 186.21942	100 100		0.00%	165		165 165	164.41902 163.87898			10
13300 13310	13458 13458	183.65769 183.53874	186.20721 186.20721	186.20721 186.20721	100 100		0.00%	165	141 141	158 148	156.65237 146.63461		Vertical alignment Vertical alignment	10
13320 13330	13458 13458	183.45106 183.3982	186.20721 186.20721	186.20721 186.20721	100 100	0.00%	0.00%	165 165	141	138 128	136.65484	Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
13340	13460	183.49611	186.19507	186.19507	100	0.00%	0.00%	165	141	120	118.57657	Not Achieved	Vertical alignment	91 81 81
13350 13360	13462 13464	183.80885 184.33612	186.18123 186.16488	186.18123 186.16488	100	0.00%	0.00%	165	141	112	102.39274	Not Achieved Not Achieved	Vertical alignment Vertical alignment	8
13370 13380	13468 13472	184.89976 185.45241	186.13393 186.09807	186.13393 186.09807	100 100	0.00%	0.00%	165 165	141	98 92		Not Achieved Not Achieved	Inside Curve/Vertical Alignment Inside Curve/Vertical Alignment	70
13390 13400	13478 13484	185.91944 186.25857	186.03609 185.97699	186.03609 185.97699	100		0.00%	165	141 141	88		Not Achieved Not Achieved	Inside Curve/Vertical Alignment Inside Curve/Vertical Alignment	7(
13410 13420	13494 13502	186.46592 186.58764	185.8958 185.83162	185.8958 185.83162	100		0.00%	165		84	81.34102	Not Achieved Not Achieved	Inside Curve/Vertical Alignment Inside Curve/Vertical Alignment	70
13430	13595	186.51266	185.45458	185.45458	100	0.00%	0.00%	165	141	165		Achieved		10
13450	13615	186.54478	184.99671	184.99671	100	0.00%	0.00%	165	141	165	159.02968	Achieved		10
13460 13470	13625 13635	186.49507 186.41562	184.79775 184.60641	184.79775 184.60641	100 100	0.00%	0.00%	165 165	141	165 165	158.52248 158.2955	Achieved		10
13480 13490	13645 13655	186.31354 186.22803	184.43297 184.30156	184.43297 184.30156	100 100		0.00%	165 165			158.56031 159.2708	Achieved Achieved		10
13500 13510	13665 13675	186.1498 186.07615	184.20792 184.17919	184.20792 184.17919	100 100		0.00%	165 165		165 165	160.26782 161.5619	Achieved Achieved		10
13520	13685	186.06085 186.13732	184.17929	184.17929	100	0.00%	0.00%	165	141		162.83854 163.92898	Achieved		100
13540	13705	186.21748	184.32488	184.32488	100	0.00%	0.00%	165	141	165	164.62179	Achieved		10
13550 13560	13715 13725	186.34927 186.4111	184.45154 184.60065	184.45154 184.60065	100	0.00%	0.00%	165			164.92447 164.88532	Achieved		100
13570 13580	13735 13745	186.36186 186.14278	184.70434 184.70713	184.70434 184.70713	100 100	0.00%	0.00%	165 165	141	165 165	164.60226 164.29792	Achieved		10
13590 13600	13755 13765	185.88094 185.64315	184.63949 184.57476	184.63949 184.57476	100		0.00%	165 165		165 165	164.11625 163.97903			10
13610 13620	13775 13785	185.40861 185.19298	184.50668 184.45843	184.50668 184.45843	100	0.00%	0.00%	165	141	165	163.88085			100
13630	13795	185.00038	184.46118	184.46118	100	0.00%	0.00%	165	141	165	163.79747	Achieved		10
13640 13650	13805 13815	184.81754 184.66641	184.44529 184.4178	184.44529 184.4178	100	0.00%	0.00%	165	141	165	163.86081			10
13660 13670	13825 13835	184.54888 184.48548	184.39024 184.36111	184.39024 184.36111	100 100		0.00%	165		165 165	163.93278 164.02881			10
13680 13690	13845 13855	184.47492 184.49517	184.33747 184.28812	184.33747 184.28812	100	0.00%	0.00%	165 165	141	165 165	164.14326 164.28665	Achieved		10
13700 13710	13865 13875	184.56719	184.22678	184.22678	100	0.00%	0.00%	165	141	165	164.48351 164.63912	Achieved		100
13720	13885	184.82555	184.19051	184.19051	100	0.00%	0.00%	165	141	165	164.75249	Achieved		10
13730 13740	13895 13905	184.96945 185.01752	184.30164 184.50565	184.30164 184.50565	100	0.00%	0.00%	165 165	141	165	164.83338 164.87467	Achieved		10
13750 13760	13915 13925	184.97193 184.91065	184.81351 185.16751	184.81351 185.16751	100 100	0.00%	0.00%	165 165	141	165	164.87984 164.78892			10 10
13770 13780	13935 13945	184.83557 184.77933	185.63585 186.16195	185.63585 186.16195	100 100	0.00%	0.00%		141		164.63176 164.41148	Achieved		10
13790	13955	184.75485	186.6128	186.6128	100	0.00%	0.00%	165	141	165	164.11699 163.74278	Achieved		10
13810	13975	184.72986	187.11655	187.11655	100	0.00%	0.00%	165	141	165	163.26548	Achieved		10
13820 13830	13960 13960	184.70867 184.67213	187.18888 187.18888	187.18888 187.18888	100 100	0.00%	0.00%	165 165	141	160 150	158.00662 148.06308	Relaxed	Inside Curve	10
13840		184.65408	187.21508	187.21508			0.00%				140.00664		Inside Curve	9

	Eye Position	Object	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous	Average Grade	Sight Distance	Sight Distance	Sight Distance	Sight Distance Along Sight Line	Sight Line Status	Obstruction	SSD Speed Achieved
	-	Position					Grade		Required	Relaxed	Achieved	Achieved			EDD 2sec RT (km/h)
	13860	13964	184.55796	187.23632	187.23632	100	0.00%	0.00%	165	141	124	122.0664	Not Achieved	Inside Curve	90
															80
	13890	13992	184.53949	187.27193	187.27193	100	0.00%	0.00%	165	141	102	100.07901	Not Achieved	Inside Curve	80
															70
															70
····································	13940	14034	186.20734	187.42296	187.42296	100	0.00%	0.00%	165	141	94	92.18746	Not Achieved	Inside Curve	70
Dist Dist <thdist< th=""> Dist Dist <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Inside Curve</td><td>80</td></th<></thdist<>														Inside Curve	80
····································	13970	14135	187.33266	187.90973	187.90973	100	0.00%	0.00%	165	141	165	163.76839	Achieved		100
												164.2873	Achieved Achieved		100
····································												164.40513	Achieved		100
····································	14020	14185	187.55993	186.96272		100	0.00%	0.00%	165	141	165	164.33436	Achieved		100
····································															100
····································	14050	14215	188.0146	185.97505	185.97505	100	0.00%	0.00%	165	141	165	164.09702	Achieved		100
····································												164.0781/	Achieved Achieved		100
												164.10289	Achieved		100
11111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111 <th< td=""><td>14100</td><td>14265</td><td>188.37676</td><td>185.04396</td><td>185.04396</td><td>100</td><td>0.00%</td><td>0.00%</td><td>165</td><td>141</td><td>165</td><td>164.24903</td><td>Achieved</td><td></td><td>100</td></th<>	14100	14265	188.37676	185.04396	185.04396	100	0.00%	0.00%	165	141	165	164.24903	Achieved		100
····································															100
····································	14130	14295	188.24168	184.33448	184.33448	100	0.00%	0.00%	165	141	165	164.53798	Achieved		100
····································															100
100 110 110 110 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 <td>14160</td> <td>14325</td> <td>187.99806</td> <td>183.72651</td> <td>183.72651</td> <td>100</td> <td>0.00%</td> <td>0.00%</td> <td>165</td> <td>141</td> <td>165</td> <td>164.77332</td> <td>Achieved</td> <td></td> <td>100</td>	14160	14325	187.99806	183.72651	183.72651	100	0.00%	0.00%	165	141	165	164.77332	Achieved		100
Here Hors Hors <th< td=""><td>14180</td><td>14345</td><td></td><td></td><td></td><td>100</td><td></td><td></td><td>165</td><td>141</td><td>165</td><td>164.88387</td><td></td><td></td><td>100</td></th<>	14180	14345				100			165	141	165	164.88387			100
bib bib<	14190	14355	187.08749	183.33029	183.33029	100	0.00%	0.00%	165	141	165	164.92835	Achieved		100
100 01.00 01.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 </td <td>14210</td> <td></td> <td></td> <td></td> <td></td> <td>100</td> <td></td> <td></td> <td></td> <td>141</td> <td></td> <td>164.98039</td> <td>Achieved</td> <td></td> <td>100</td>	14210					100				141		164.98039	Achieved		100
HereHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHoHo<	14220	14385	186.13643	182.93938	182.93938	100	0.00%	0.00%	165	141	165	164.9835	Achieved		100
HandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandHandH	14240	14405	185.75254	182.70848	182.70648	100	0.00%	0.00%	165	141	165	164.98939	Achieved		100
11111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>164.99218</td><td>Achieved</td><td></td><td>100</td></th<>												164.99218	Achieved		100
Head Head <th< td=""><td>14270</td><td>14435</td><td>185.25124</td><td>182.58</td><td>182.58</td><td>100</td><td>0.00%</td><td>0.00%</td><td>165</td><td>141</td><td>165</td><td>164.99845</td><td>Achieved</td><td></td><td>100</td></th<>	14270	14435	185.25124	182.58	182.58	100	0.00%	0.00%	165	141	165	164.99845	Achieved		100
Here Here <th< td=""><td></td><td>14455</td><td>184.74973</td><td></td><td></td><td></td><td></td><td></td><td></td><td>141</td><td></td><td></td><td></td><td></td><td>100</td></th<>		14455	184.74973							141					100
Head Head <th< td=""><td>14300</td><td>14465</td><td>184.53451</td><td>182.6068</td><td></td><td>100</td><td>0.00%</td><td>0.00%</td><td>165</td><td>141</td><td>165</td><td>165.00648</td><td>Achieved</td><td></td><td>100</td></th<>	14300	14465	184.53451	182.6068		100	0.00%	0.00%	165	141	165	165.00648	Achieved		100
130 140 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 <td>14320</td> <td>14485</td> <td>184.13985</td> <td>182.5659</td> <td>182.5659</td> <td>100</td> <td>0.00%</td> <td>0.00%</td> <td>165</td> <td>141</td> <td>165</td> <td>165.00414</td> <td>Achieved</td> <td></td> <td>100</td>	14320	14485	184.13985	182.5659	182.5659	100	0.00%	0.00%	165	141	165	165.00414	Achieved		100
Horse H110 L020 H1200 L0200 L0200 L020												165.00117	Achieved		100
Hor Hor <td>14350</td> <td>14515</td> <td>183.67429</td> <td>182.37266</td> <td>182.37266</td> <td>100</td> <td>0.00%</td> <td>0.00%</td> <td>165</td> <td>141</td> <td>165</td> <td>164.99737</td> <td>Achieved</td> <td></td> <td>100</td>	14350	14515	183.67429	182.37266	182.37266	100	0.00%	0.00%	165	141	165	164.99737	Achieved		100
HereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereHereH															100
Hole Hole <th< td=""><td>14380</td><td>14545</td><td>183.30008</td><td>182.08531</td><td>182.08531</td><td>100</td><td>0.00%</td><td>0.00%</td><td>165</td><td>141</td><td>165</td><td>164.99737</td><td>Achieved</td><td></td><td>100</td></th<>	14380	14545	183.30008	182.08531	182.08531	100	0.00%	0.00%	165	141	165	164.99737	Achieved		100
International Internat															100
Instant Instant <t< td=""><td>14410</td><td>14575</td><td>182.96644</td><td>181.40563</td><td>181.40563</td><td>100</td><td>0.00%</td><td>0.00%</td><td>165</td><td>141</td><td>165</td><td>164.99955</td><td>Achieved</td><td></td><td>100</td></t<>	14410	14575	182.96644	181.40563	181.40563	100	0.00%	0.00%	165	141	165	164.99955	Achieved		100
Head Mode Marcele Marcele Mode Mode Marcele Mode Mode Head Marcele Marcelee <	14430	14595				100		0.00%	165	141	165	165.0052			100
Helle H.S.275 H.S.275 <thh.s.275< th=""> <thh.s.275< th=""> <thh.s< td=""><td>14440</td><td>14605</td><td>182.86723</td><td>181.23395</td><td>181.23395</td><td>100</td><td>0.00%</td><td>0.00%</td><td>165</td><td>141</td><td>165</td><td>165.00806</td><td>Achieved</td><td></td><td>100</td></thh.s<></thh.s.275<></thh.s.275<>	14440	14605	182.86723	181.23395	181.23395	100	0.00%	0.00%	165	141	165	165.00806	Achieved		100
Here Here Stature His Here Here Here Here Bittal Bi	14460	14625	182.8998	181.50713	181.50713	100	0.00%	0.00%	165	141	165	165.01133	Achieved		100
Here Here Har 2000 Har			182.91222									165.01119	Achieved Achieved		100
Her Her <td>14490</td> <td>14655</td> <td>182.83223</td> <td>182.17402</td> <td>182.17402</td> <td>100</td> <td>0.00%</td> <td>0.00%</td> <td>165</td> <td>141</td> <td>165</td> <td>165.01103</td> <td>Achieved</td> <td></td> <td>100</td>	14490	14655	182.83223	182.17402	182.17402	100	0.00%	0.00%	165	141	165	165.01103	Achieved		100
1485 1485 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 </td <td></td> <td>100</td>															100
1019 112.487 114.4874 11.084 1019 114.186 115.037 Altence Interpretation 1450 14775 112.103 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070 114.070<	14520	14685	182.65036	183.0964	183.0964	100	0.00%	0.00%	165	141	165	165.01262	Achieved		100
14/50 14/72 112 1031 115 508 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 115 578 1	14540	14705	182.46373	184.08412	184.08412	100	0.00%	0.00%	165	141	165	165.0372	Achieved		100
14370 1412 1413 141 1416 1416 1416 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145															100
14399 141.4590 181.4590 181.4595 185.5695 100 0.00% 105 141 145 185.0278 Acheved	14570	14735	181.84619	185.37964	185.37964	100	0.00%	0.00%	165	141	165	165.08435	Achieved		100
1400 1477 151.957 155.956 155.956 155.957 155.956 155.957 155.956 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.957 155.															100
14400 14709 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 115.9072 1	14600	14765	181.49952	185.65658	185.65658	100	0.00%	0.00%	165	141	165	165.06704	Achieved		100
1450 1478 181.9074 185.8897 100 0.005 0.005 155 141 145.8 155.0185 Netical algement 1450 1778 112.3525 135.9645 135.9645 100 0.005 0.005 155 141 141 141.0528 Na Aniveed Vertical algement 14600 1772 112.3525 135.9645 135.9645 100 0.005 0.005 155 141 112 112.0707 Na Aniveed Vertical algement 14600 1772 112.8477 115.9645 115.9645 100 0.005 0.005 115 141 112 112.0707 Na Aniveed Vertical algement 1470 1476 181.9071 185.5748 100 0.005 0.005 165 141 115 116.0071 Aniveed Vertical algement 1470 1460 184.0911 153.9917 110 0.005 0.005 115 141 115 116 0.										141					100
14450 1171 112.3839 115.845 115.845 100 0.005 0.005 115 114 122 122.0257 Net-Achieved Vertical signment 14450 14774 112.3417 115.8485 115.6885 100 0.005 0.005 155 141 112 122.0577 Net-Achieved Vertical signment 14460 1476 113.6073 115.6748 115.6393 100 0.005 0.005 145 141 100 102.0552 Net-Achieved Vertical signment 1470 1440 114.604 114.604 114.604 115.6397 Atheined Vertical signment 1470 14405 115.6484 115.8484 115.8484 115.8484 115.8484 115.8484 115.8484 115.8484 115.8484 115.8484 115.8484 115.8484 115.8484 115.8484 115.8484 115.8484 115.8484 115.8484 115.8484 115.8484 115.8484 115.8484 115.8484 115.8484 115.8484 <	14630	14786	181.90374	185.68987	185.68987	100	0.00%	0.00%	165	141	156	156.01874	Relaxed		100
14600 1472 18.2.833 18.5.8935 15.8935 00 0.005 155 141 122 12.0270 Not Achieved Verical algument 14480 1478 18.5.895 115.6955 100 0.005 155 141 102 10.00513 Not Achieved Verical algument 10.0051 Not Achieved Verical algument 14400 14402 18.54378 18.55391 100 0.005 105 141 102 10.00520 Not Achieved Verical algument 1470 14455 18.54378 18.53924 100 0.005 105 141 145 155.0772 14.53977 15.3977 100 0.006 165 141 145 155.0672 Achieved 1.0017 Achiev	14650	14784	182.36395	185.6945	185.6945	100	0.00%	0.00%	165	141	134	134.04605	Not Achieved	Vertical alignment	100
1460 1470 183.793 185.8945 185.8945 100 0.005 0.005 141 100.0153 Net Achieved Vertical algoment 14700 1442 185.0231 185.0331 100 0.005 0.005 141 120 120.0322 Net Achieved Vertical algoment 0 14710 1445 185.4561 155.3341 100 0.005 0.005 165 141 155 165.0077 Achieved Vertical algoment 0 0 0.005 165 141 155.0077 Achieved 0 0 0.005 0.005 141 155.0060 Achieved 0 0 0 0.005 141 155.0060 Achieved 0 0 0 0.005 141 155.0060 Achieved 0 0 0.005 141 155.0060 Achieved 0 0 0 0.005 141 155.0021 Achieved 0 0 0 0.005 141 155.0021 Achieved <														Vertical alignment	90
14700 14800 184.0215 185.5391 135.5391 100 0.00% 135 141 120 120.0335 Br.Achiened Vertical alignment 14720 14895 185.3441 185.3324 185.3324 185.3324 185.3327 100 0.00% 0.00% 155 141 155 155.0007 Achieved 14730 14895 185.3771 185.3977 100 0.00% 0.00% 155 141 155 155.0007 Achieved 14700 14955 185.39781 185.3061 100 0.00% 0.00% 155 141 155 155.0027 Achieved 14700 14955 185.39781 185.3061 100 0.00% 0.00% 155 141 155 155.0027 Achieved 14700 14955 185.39781 185.3018 160 0.00% 0.00% 155 141 155 155 Achieved <td>14680</td> <td>14784</td> <td>183.17936</td> <td>185.6945</td> <td>185.6945</td> <td>100</td> <td>0.00%</td> <td>0.00%</td> <td>165</td> <td>141</td> <td>104</td> <td>104.09153</td> <td>Not Achieved</td> <td>Vertical alignment</td> <td>80</td>	14680	14784	183.17936	185.6945	185.6945	100	0.00%	0.00%	165	141	104	104.09153	Not Achieved	Vertical alignment	80
14720 1485 185.4384 185.4384 185.4384 185.4384 185.4384 185.4378 185.3324 100 0.00% 0.00% 155 141 155.5067 Advised 14720 14895 185.5467 185.39377 105.39377 100 0.00% 0.00% 155 141 155 155.0667 Advised 14730 14905 185.8771 185.39377 100 0.00% 0.00% 155 141 155 155.0660 Advised 14770 14955 185.9761 185.3061 100 0.00% 0.00% 155 141 155 150.0202 Advised															80
14730 14870 185.5467 185.5867 185.7877 180.00% 0.00% 185 141 185 185.0762 Achieved 1 14780 14955 185.9778 185.3868 100 0.00% 0.00% 165 141 165 185.0960 Achieved 1 14770 14925 185.9746 185.3868 100 0.00% 0.00% 165 141 165 185.0156 Achieved 1 1 165 185.0164 Achieved 1 1 165 185.0164 Achieved 1 1 165 185.0164 Achieved 1 1 185 185.0154 Achieved 1 1 165 185.0164 Achieved 1 1 165 185.0164 Achieved 1 1 165 185.0164 1 165 185.0164 1 165 185.0164 1 1 165 185.0164 1 165.0164 1 1 165.0164 1 1 <td>14710</td> <td>14875</td> <td>184.65461</td> <td>185.43344</td> <td>185.43344</td> <td>100</td> <td>0.00%</td> <td>0.00%</td> <td>165</td> <td>141</td> <td>165</td> <td>165.07712</td> <td>Achieved</td> <td></td> <td>100</td>	14710	14875	184.65461	185.43344	185.43344	100	0.00%	0.00%	165	141	165	165.07712	Achieved		100
1470 1480 185.7971 185.39727 185.39727 185.39727 185.39727 185.39727 185.39727 185.39727 185.39727 185.39727 185.39727 185.39727 185.39727 185.39727 185.39727 185.39727 185.39727 185.39727 185.39727 185.39727 185.39727 185.39727 185.39727 185.39727 185.39727 185.39727 185.39727 185.39727 185.39727 185.39727 185.39727 185.39727 185.39728 185.39721 185.39721 185.39721 185.39721 185.39721 185.39728 185.42261 100 0.00% 0.00% 165 141 165 1616 Achieved <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>165.07692</td><td>Achieved</td><td></td><td>100</td></t<>												165.07692	Achieved		100
1470 1452 155 3478 155 34061 100 0.00% 0.00% 165 141 165 165 0225 Anived 1470 1495 155 9767 155 3151 155 3015 155 3015 155 3015 Anived 1470 1495 155 9765 155 4261 155 4261 100 0.00% 0.00% 165 141 165 165 0416 Anived 1480 1486 155 9763 155 3465 100 0.00% 0.00% 165 141 165 165 Anived	14740	14905	185.79791	185.39727	185.39727	100		0.00%	165	141	165	165.06604	Achieved		100
1470 14893 189.7947 183.3701 100 0.00% 0.00% 165 141 165 165.0166 Arhered 1 1470 1495 185.9783 185.4221 185.4221 100 0.00% 0.00% 165 141 165 165 Arhered 1 1 165 Arhered 1 1 165 Arhered 1 1 165 Arhered 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	14760	14925				100		0.00%	165	141	165	165.02825			100
1470 1485 155.753 155.4226 100 0.00% 0.00% 165 141 165 165 Achieved 1 1480 14875 155.9753 155.9753 155.9753 155.9784 165.946	14770	14935	185.97467	185.35701		100		0.00%	165	141	165	165.01166	Achieved		100
14810 14877 185 5741 185 53465 100 0.00% 0.00% 165 141 165 165 Arhived 1 14830 14955 185 9331 185 5781 100 0.00% 0.00% 165 141 165 165 Arhived 1 14830 1955 185 8937 185 6137 185 6137 100 0.00% 0.00% 165 141 165 Arhived 1 1 165 Arhived 1 1 165 Arhived 1 1 1 1 165 Arhived 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	14790	14955	185.97858	185.42261	185.42261	100	0.00%	0.00%	165	141	165	165	Achieved		100
14420 1485 155.3781 185.5781 100 0.00% 0.00% 165 141 165 165 Arhived 1 14830 15905 155.8937 155.6137 100 0.00% 0.00% 165 141 165 165 Arhived 1 1 165 165 Arhived 1 1 165 165 Arhived 1 1 165 Arhived 1 1 165 Arhived 1 1 1 165 Arhived 1 1 1 1 165 Arhived 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>100</td></td<>															100
14840 15005 185.8879 185.8479 185.6479 100 0.00% 0.00% 165 141 165 165 Arhived 165 14800 15005 185.8236 185.7235 185.7235 185.7235 100 0.00% 0.00% 165 141 165 165 Arhived 164 14470 1505 185.7235 185.7235 100 0.00% 0.00% 165 141 165 165 Arhived 166 14470 1505 185.7325 185.7365 185.7365 185.7365 185.7365 185.7365 185.7365 185.7365 185.7365 185.7365 185.7365 185.7365 185.7365 185.7365 185.7365 185.7365 185.73717 100 0.00% 165 141 165 165 Arhived 14390 13055 185.89813 185.73917 100 0.00% 165 141 165 164.9666 Arhived 14390 13055 185.6433 185.7873 185.787	14820	14965	185.93391	185.57881	185.57881	100	0.00%	0.00%	165	141	165	165	Achieved		100
14850 15505 155.82316 155.829306 155.99306 1000 0.00% 0.00% 165 141 165 165 Arhived 1 14870 15025 155.7235 155.7235 155.7235 155.7235 155.7235 100 0.00% 0.00% 165 141 165 165 Arhived 1 14870 15055 155.7231 155.7235 155.7235 155.7235 100 0.00% 105 141 165 165 Arhived 1 1 165 Arhived 1 1 165 Arhived 1 1 165 Arhived 1 1 155 155 1 165 Arhived 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1															100
14870 15035 185.7328 185.73965 100 0.00% 0.00% 165 141 165 165 Achieved 167 14880 15055 185.7305 185.7305 185.7305 185.7305 185.7305 185.7305 185.7307 185.7307 185.7307 185.7307 185.7307 185.7307 185.7307 185.7307 185.7317 100 0.00% 0.00% 165 141 165 165 Achieved 165 165 141 165 165.9664 Achieved 165 165 141 165 165.9664 Achieved 165 161 165.9651 165.9515 165.9515 165.9515 165.9515 165.9515 165.9515 165.9515 165.9515 165.9515 165.9515 165.9515 165.9515 165.9515 165.9515 165.9515 165.9515 165.9515	14850	15015	185.82316	185.69306	185.69306	100	0.00%	0.00%	165	141	165	165	Achieved		100
14890 1555 155.6839 155.796 185.796 185.796 185.796 185.796 185.796 185.796 185.796 185.796 185.796 185.796 185.796 185.796 185.796 185.796 185.796 185.796 185.796 185.796 185.796 185.796 185.796 185.796 185.7917 100 0.00% 0.00% 165 141 165 164.9969A Arbived 165 141 165 164.9969A Arbived 165 141 165 164.9965A Arbived 166 165 141 165 164.9965A Arbived 165 161 164.9965A Arbived 164 <t< td=""><td>14870</td><td>15035</td><td>185.75218</td><td>185.73965</td><td>185.73965</td><td>100</td><td>0.00%</td><td>0.00%</td><td>165</td><td>141</td><td>165</td><td>165</td><td>Achieved</td><td></td><td>100</td></t<>	14870	15035	185.75218	185.73965	185.73965	100	0.00%	0.00%	165	141	165	165	Achieved		100
14900 15565 155.9864 185.73917 100 0.00% 0.00% 165 141 165 164.9869A Anhered 14910 15075 155.9821 155.73917 100 0.00% 0.00% 165 141 165 164.9869A Anhered 14920 15065 155.9821 155.87237 155.8723 155.8787 100 0.00% 0.00% 165 141 165 164.9865A Anhered 14930 15055 155.69731 155.89733 155.87733 100 0.00% 0.00% 165 141 165 164.9865A Anhered 14940 1515 155.69731 155.89733 155.89733 100 0.00% 0.00% 165 141 165 164.9869A Anhered 14950 1515 155.7661 155.99373 100 0.00% 0.00% 165 141 165 164.9859A Anhered 14970 <td></td> <td>100</td>															100
14220 15085 185.8318 185.83987 100 0.00% 0.00% 165 141 165 164.98635 Arhived 143 14390 15005 185.6303 185.8076 165.8076 100 0.00% 0.00% 165 141 165 164.98635 Arhived 165 14390 15105 185.6703 185.80733 185.80733 100 0.00% 0.00% 165 141 165 164.98536 Arhived 165 141 155 163.98372 Arhived 165 141 165 164.98536 Arhived 165	14900	15065	185.6964	185.73917	185.73917	100	0.00%	0.00%	165	141	165	164.98699	Achieved		100
14930 15085 185.8430 185.86766 100 0.00% 0.00% 165 141 165 164.9860A Arbived 14940 15105 185.87613 185.89733 100 0.00% 0.00% 165 141 165 164.9850A Arbived 14940 15115 185.7661 185.9315 100 0.00% 0.00% 165 141 165 164.98572 Arbived 14990 15115 185.70604 185.9315 100 0.00% 0.00% 165 141 165 164.98572 Arbived 14990 15125 185.79661 185.99379 180.000% 0.00% 165 141 165 164.98572 Arbived 14970 15135 158.5077 186.0642 100 0.00% 0.00% 165 141 165 164.98572 Arbived 14990 15154 158.58799 186.1043 100 0.00% 165															100
14950 15115 185.9064 185.9315 100 0.00% 0.00% 165 141 165 164.98572 Achieved 14960 15125 185.99379 100 0.00% 0.00% 165 141 165 164.98572 Achieved 14970 15135 185.0977 186.0642 186.0642 100 0.00% 105 141 165 164.98572 Achieved 14990 15135 185.0977 186.044 100 0.00% 105 141 165 164.98574 Achieved 14990 15135 185.8979 186.144 100 0.00% 165 141 165 164.98554 Achieved 14990 15136 185.8979 186.19039 100 0.00% 165 141 165 164.98554 Achieved 14990 15156 185.9879 186.19875 100 0.00% 0.00% 165 141 165	14930	15095	185.64303	185.86786	185.86786	100	0.00%	0.00%	165	141	165	164.98609	Achieved		100
14980 15125 185.7566 185.99379 100 0.00% 165 141 165 164.9856 Achieved 14970 15135 158.0767 186.0642 186.0642 106.0642 100 0.00% 0.00% 165 141 165 164.9856 Achieved 14980 15145 158.85199 186.104 100 0.00% 0.00% 165 141 165 164.98551 Achieved 14990 15154 158.85199 186.10039 100 0.00% 165 141 165 164.98551 Achieved 14990 15155 158.9879 186.10039 100 0.00% 165 141 165 164.98551 Achieved 15000 15156 158.9879 186.10975 100 0.00% 165 141 165 164.98551 Achieved															100
14990 15145 155.8519 156.144 100 0.00% 0.00% 165 141 165 164.98552 Achieved 14990 15155 155.2044 186.19039 100 0.00% 165 141 165 164.98552 Achieved 15000 15155 155.2040 186.19675 100 0.00% 0.00% 165 141 165 164.98552 Achieved	14960	15125	185.7566	185.99379	185.99379	100	0.00%	0.00%	165	141	165	164.9856	Achieved		100
14990 1515 185.89759 186.19039 160 0.00% 0.00% 165 141 165 164.98552 Achieved 15000 15165 155.92804 186.19075 180 0.00% 0.00% 165 141 165 164.98552 Achieved	14980			186.144	186.144	100			165	141	165	164.98551	Achieved		100
												164.98552	Achieved		100
	15010							0.00%							100

Eye Position	Object	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous	Average Grade	Sight Distance	Sight Distance	Sight Distance	Sight Distance Along Sight Line	Sight Line Status	Obstruction	SSD Speed Achieved
15020	Position 15185	186.00666	186.16974	186.16974		Grade 0.00%	0.00%	Required 165	Relaxed 141	Achieved 165	Achieved	Achieved		EDD 2sec RT (km/h)
15030	15195	186.03158	186.23204	186.23204	100	0.00%	0.00%	165	141	165	164.98605	Achieved		100
15040 15050	15205 15215	186.04943	186.32333	186.32333	100	0.00%	0.00%	165	141	165	164.98658	Achieved Achieved		100
15060 15070		186.04693 186.0473	186.31966 186.23442	186.31966 186.23442	100	0.00%	0.00%	165 165	141	165 165	165	Achieved Achieved		100
15080	15245 15255	186.12381 186.15238	186.00376 185.63986	186.00376 185.63986	100		0.00%	165		165		Achieved		100
15100 15110	15262 15262	186.18652 186.20951	185.34712 185.34712	185.34712 185.34712	100		0.00%	165		162 152	161.99574 151.99574		Vertical alignment Vertical alignment	100
15120 15130		186.25468 186.33045	185.26951 185.19357	185.26951 185.19357	100 100		0.00%	165 165	141	144 136	143.99473		Vertical alignment	100
15130	15268	186.40513	185.12615	185.12615	100		0.00%	165	141 141 141	128	127.9927	Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
15160	15325	186.4983	185.06276	185.06276	100	0.00%	0.00%	165	141	165	165.14577	Achieved	Vertical alignment	90 100
15170 15180	15335 15345	186.49162 186.46989	185.05124 185.03345	185.05124 185.03345	100		0.00%	165		165 165		Achieved Achieved		100
15190	15355 15365	186.49364 186.57168	185.00858 184.95413	185.00858 184.95413	100		0.00%	165	141	165 165		Achieved Achieved		100
15210	15375 15385	186.61932 186.62641	184.93445 184.91192	184.93445 184.91192	100	0.00%	0.00%	165	141	165	164.14701	Achieved Achieved		100
15230	15395	186.5937	184.95582	184.95582	100	0.00%	0.00%	165	141	165	163.6203	Achieved		100
15240 15250	15405 15415	186.43684 186.13283	185.02199 185.12038	185.02199 185.12038	100 100	0.00%	0.00%	165 165	141	165 165	163.38339	Achieved Achieved		100
15260	15425 15435	185.72732 185.35888	185.14033 185.07631	185.14033 185.07631		0.00%	0.00%	165	141	165 165		Achieved Achieved		100
15280 15290	15445 15455	185.12448 185.03888	185.14476 185.27183	185.14476 185.27183			0.00%	165		165		Achieved Achieved		100
15300 15310		185.06683 185.16736	185.41942 185.64891	185.41942 185.64891	100 100	0.00%	0.00%	165 165	141	165 165	164.23416	Achieved Achieved		100 100
15320	15485	185.29015	186.02903	186.02903	100	0.00%	0.00%	165	141	165	164.18498	Achieved		100
15330 15340	15495 15505	185.36209	186.60681 187.35509	186.60681 187.35509	100	0.00%	0.00%	165	141	165	163.56687	Achieved Achieved		100
15350 15360		185.3274 185.28084	188.12698 188.82963	188.12698 188.82963	100 100	0.00%	0.00%	165 165	141	165	163.01861	Achieved Achieved		100
15370 15380	15535 15545	185.24655 185.21236	189.40037 189.51994	189.40037 189.51994	100		0.00%	165 165		165 165		Achieved Achieved		100
15390	15555	185.23077	189.24015 189.20638	189.24015 189.20638	100	0.00%	0.00%	165		165		Achieved	Vertical alignment	100
15410	15556	185.36116	189.20638	189.20638	100	0.00%	0.00%	165	141	146	144.30672	Relaxed	Vertical alignment	100
15420 15430	15554	185.45491 185.41826	189.20638 189.27571	189.20638 189.27571	100	0.00%	0.00%	165	141	136	122.90811	Not Achieved	Vertical alignment Vertical alignment	90 90
15440 15450	15554	185.39217 185.50335	189.27571 189.27571	189.27571 189.27571	100 100	0.00%	0.00%	165 165	141	114 104	103.5171	Not Achieved Not Achieved	Vertical alignment Vertical alignment	80 80
15460 15470	15554 15552	185.64732 185.81774	189.27571 189.34765	189.27571 189.34765	100		0.00%	165	141 141	94		Not Achieved	Vertical alignment Vertical alignment	70
15480 15490	15550 15550	186.11748 186.59213	189.4051 189.4051	189.4051 189.4051	100 100	0.00%	0.00%	165	141 141	70	69.91835	Not Achieved	Vertical alignment Vertical alignment	60 50
15500	15552	187.26812	189.34765	189.34765	100	0.00%	0.00%	165	141	52	52	Not Achieved	Vertical alignment	50
15510 15520	15556 15572	188.04604 188.78965	189.20638 188.69102	189.20638 188.69102	100 100	0.00%	0.00%	165 165	141	46	52	Not Achieved	Vertical alignment Vertical alignment	40
15530 15540	15695 15700	189.44922 189.82958	190.47734 190.57221	190.47734 190.57221	100		0.00%	165 165		165 160	163.61386 158.37096	i Achieved Relaxed	Inside Curve	100 100
15550 15560	15702 15702	189.7051 189.36875	190.60303 190.60303	190.60303 190.60303	100		0.00%	165	141	152	150.34036 140.44706		Inside Curve Inside Curve	100 90
15570 15580	15704	189.05223 188.77608	190.62618 190.67821	190.62618 190.67821	100 100	0.00%	0.00%	165 165	141 141	134 128	132.46903	Not Achieved	Inside Curve Inside Curve	90 90
15590	15712	188.62597	190.73453	190.73453	100	0.00%	0.00%	165	141	122	120.49243	Not Achieved	Inside Curve	90
15600 15610	15726	188.627 188.77109	190.78598 190.93567	190.78598 190.93567	100	0.00%	0.00%	165 165	141	116 116	114.73531	Not Achieved	Inside Curve	80
15620 15630	15750 15795	188.98383 189.18823	191.61771 193.20002	191.61771 193.20002	100 100	0.00%	0.00%	165 165	141	130 165	164.13624	Not Achieved Achieved	Inside Curve	90 100
15640 15650	15805 15815	189.43095 189.6709	193.65761 194.18179	193.65761 194.18179	100		0.00%	165		165	165.001	Achieved		100
15660 15670	15825 15835	189.92615 190.17688	194.74641 195.34129	194.74641 195.34129	100		0.00%	165		165 165		Achieved Achieved		100
15680 15690	15845 15855	190.43531 190.68257	195.88935 196.49369	195.88935 196.49369		0.00%	0.00%	165 165	141	165 165	165.08222	Achieved Achieved		100
15700	15865	190.87221	197.12902	197.12902	100	0.00%	0.00%	165	141	165	164.99065	Achieved		100
15710 15720	15875 15885	191.00761 191.14263	197.82369 198.54826	197.82369 198.54826	100	0.00%	0.00%	165 165	141	165 165	164.9938	i Achieved Achieved		100
15730 15740	15895 15905	191.33095 191.60328	199.30256 200.02454	199.30256 200.02454	100	0.00%	0.00%	165	141 141	165 165	164.99384 164.99344	Achieved Achieved		100
15750		191.91771 192.22673	200.75977 201.45708	200.75977 201.45708	100		0.00%	165		165		Achieved Achieved		100
15770	15935	192.54614 192.9115	202.12408 202.75087	202.12408 202.75087	100	0.00%	0.00%	165	141	165		Achieved Achieved		100
15790	15955	193.29634	203.37467 204.04893	203.37467	100	0.00%	0.00%	165	141	165	164.99341	Achieved Achieved		100
15800 15810	15975	194.2199	204.7316	204.04893 204.7316	100	0.00%	0.00%	165	141	165	164.98993	Achieved		100
15820 15830	15995	194.75112 195.35523	205.38192 205.99629	205.38192 205.99629	100	0.00%	0.00%	165 165	141	165	164.96823	Achieved Achieved		100
15840 15850		195.90432 196.47971	206.51219 206.93737	206.51219 206.93737		0.00%	0.00%	165 165	141	165 165	164.94058	Achieved Achieved		100
15860 15870	16025 16032	197.11254 197.77428	207.20448 207.31971	207.20448 207.31971	100	0.00%	0.00%	165 165		165 162	164.81352 161.66113	Achieved Relaxed	Vertical alignment	100
15880		198.4765 199.21912	207.34758 207.37826	207.34758 207.37826		0.00%	0.00%	165		154	153.60837 145.55311	Relaxed	Vertical alignment Vertical alignment	100
15900	16038	199.9494	207.41992 208.04277	207.41992 208.04277	100	0.00%	0.00%	165	141	140	137.49383	Not Achieved	Vertical alignment	90
15910 15920	16066	201.41638	208.21174	208.21174	100	0.00%	0.00%	165	141	146	148.37653 144.00288	Relaxed	Vertical alignment Vertical alignment	100
15930 15940	16105	202.09131 202.74217	208.76352 209.60701	208.76352 209.60701	100	0.00%	0.00%	165	141	152		Achieved	Vertical alignment	100
15950 15960	16115	203.36055 203.99841	209.91302 210.23522	209.91302 210.23522	100	0.00%	0.00%	165 165	141 141	165 165	160.7472	Achieved Achieved		100
15970		204.69988 205.35831	210.56575 210.86854	210.56575 210.86854	100	0.00%	0.00%	165		165	160.77528	Achieved Achieved		100
15990	16155	205.99795	211.12209	211.12209	100	0.00%	0.00%	165	141	165	161.37195	Achieved		100
16000	16175	206.56734 207.04854	211.37276 211.67221	211.37276 211.67221	100	0.00%	0.00%	165	141	165	162.43388	Achieved Achieved		100
16020 16030	16195	207.39433 207.5886	211.95892 212.25855	211.95892 212.25855	100	0.00%	0.00%	165 165	141	165 165	163.82216	Achieved Achieved		100
16040 16050		207.7583 208.0308	212.50478 212.69228	212.50478 212.69228	100		0.00%	165 165		165 165		Achieved Achieved		100
16050	16225	208.34277 208.62979	212.78305 212.77654	212.78305	100	0.00%	0.00%	165	141	165	164.83737	Achieved Achieved		100
16080	16245	208.98639	212.70413	212.70413	100	0.00%	0.00%	165	141	165	164.93484	Achieved		100
16090 16100	16252	209.37822 209.75084	212.65997 212.63984	212.65997 212.63984		0.00%	0.00%	165	141	160 152	159.96506 151.99191	Relaxed	Vertical alignment Vertical alignment	100
16110 16120		210.05913 210.37604	212.61969 212.58616	212.61969 212.58616			0.00%	165		144 138		Relaxed Not Achieved	Vertical alignment Vertical alignment	100 90
16130 16140		210.69574 211.02657	212.55957 212.5393	212.55957 212.5393	100	0.00%	0.00%	165		132	132	Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
16150		211.29499 211.54765	212.50387 212.43048	212.50387	100	0.00%	0.00%	165	141 141	128	128	Not Achieved Not Achieved	Vertical alignment	90
16170	16306	211.81832	212.23744	212.23744	100	0.00%	0.00%	165	141	136	136	Not Achieved	Vertical alignment Vertical alignment	90 90 100
16180	16345	212.11474	211.71961	211.71961	100	0.00%	0.00%	165	141	165	164.89108	Achieved		100

Eye	e Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous Grade	Average Grade	Sight Distance Required	Sight Distance Relaxed	Sight Distance Achieved	Sight Distance Along Sight Line	Sight Line Status	Obstruction	SSD Speed Achieved EDD 2sec RT (km/h)
	16190	16355	212.41071	211.58827	211.58827	100	0.00%	0.00%	165		165		Achieved		100
	16200 16210	16365 16375	212.68998 212.90636	211.46597 211.43449	211.46597 211.43449	100	0.00%	0.00%	165	141	165		Achieved Achieved		100
	16220	16385	213.05247	211.41382	211.41382	100	0.00%	0.00%	165	141	165	163.75311	Achieved		100
_	16230 16240	16395 16405	213.09364 213.04268	211.39603 211.34317	211.39803 211.34317	100	0.00%	0.00%	165		165		Achieved Achieved		100
	16250 16260	16415 16425	212.95997 212.86898	211.2942 211.22746	211.2942 211.22746	100	0.00%	0.00%	165	141	165	162.25387	Achieved Achieved		100
	16270	16435	212.83254	211.15869	211.15869	100	0.00%	0.00%	165	141	165	161.5912	Achieved		100
	16280 16290	16445 16454	212.79695 212.71077	211.03434 210.89362	211.03434 210.89362	100	0.00%	0.00%	165		165	161.42358	Achieved Relaxed	Inside Curve	100
	16300	16465	212.63053	210.70407	210.70407	100	0.00%	0.00%	165	141	165		Achieved		100
	16310 16320	16475 16485	212.46977 212.32081	210.56341 210.40132	210.56341 210.40132	100 100	0.00%	0.00%	165		165	162.07765	Achieved		100
	16330 16340	16495 16505	212.22926 212.08733	210.22352 210.05276	210.22352 210.05276	100	0.00%	0.00%	165		165		Achieved Achieved		100
	16350	16515	211.95597	209.883	209.883	100	0.00%	0.00%	165	141	165	163.61952	Achieved		100
-	16360 16370	16525 16535	211.82072 211.74498	209.68232 209.45984	209.68232 209.45984	100	0.00%	0.00%	165		165	164.08721	Achieved Achieved		100
	16380 16390	16545 16555	211.73182 211.7068	209.23206	209.23206	100 100	0.00%	0.00%	165 165	141	165	164.67746	Achieved Achieved		100
	16390	16565	211.7008	209.0219	209.0219	100	0.00%	0.00%	165		165		Achieved		100
	16410	16575 16585	211.63035 211.56005	208.53221 208.33536	208.53221 208.33536	100	0.00%	0.00%	165		165		Achieved Achieved		100
	16430	16595	211.49601	208.14168	208.14168	100	0.00%	0.00%	165	141	165	164.98751	Achieved		100
	16440 16450	16605 16615	211.40491 211.26037	207.93919 207.74403	207.93919 207.74403	100 100	0.00%	0.00%	165		165 165		Achieved Achieved		100
	16460	16625	211.08464	207.55013	207.55013	100	0.00%	0.00%	165	141 141	165 165		Achieved		100
	16470 16480	16635 16645	210.93521 210.79617	207.35417 207.17368	207.35417 207.17368	100	0.00%	0.00%	165	141	165	165.01481	Achieved Achieved		100
	16490 16500	16655 16665	210.60557 210.43933	207.01477 206.82802	207.01477 206.82802	100	0.00%	0.00%	165		165		Achieved Achieved		100
	16510 16520	16675	210.2753	206.63398	206.63398	100	0.00%	0.00%	165	141	165	165.12879	Achieved		100
	16530	16685 16695	210.06811 209.87423	206.42975 206.22324	206.42975 206.22324	100 100	0.00%	0.00%	165 165	141	165 165	164.5645	Achieved Achieved		100
	16540 16550	16705 16715	209.63894 209.42233	206.06023 205.90034	206.06023 205.90034	100 100	0.00%	0.00%	165 165		165 165		Achieved Achieved		100
	16560	16725	209.21367	205.76028	205.76028	100	0.00%	0.00%	165	141	165	162.3824	Achieved		100
	16570 16580	16735 16745	208.95162 208.72403	205.64023 205.52064	205.64023 205.52064	100	0.00%	0.00%	165		165 165		i Achieved Achieved		100
	16590 16600	16755 16765	208.53733 208.34439	205.39077 205.22396	205.39077 205.22396	100	0.00%	0.00%	165	141	165 165	161.00421	Achieved Achieved		100
	16610	16775	206.14428	205.04824	205.04824	100	0.00%	0.00%	165	141	165	161.08028	Achieved		100
	16620 16630	16785 16795	207.94932 207.74669	204.89787 204.75076	204.89787 204.75076	100	0.00%	0.00%	165		165	161.95263	Achieved Achieved		100
	16640 16650	16805	207.55722 207.40531	204.58241 204.38084	204.58241 204.38084	100	0.00%	0.00%	165	141	165	162.68313	Achieved Achieved		100
	16650	16815	207.2161	204.38064 204.23469	204.38084 204.23469	100	0.00%	0.00%	165		165		Achieved Achieved		100
	16670 16680	16835 16845	207.03666 206.82819	204.11583 203.97737	204.11583 203.97737	100	0.00%	0.00%	165		165		Achieved Achieved		100
	16690	16855	206.631	203.85816	203.85816	100	0.00%	0.00%	165	141	165	165.15801	Achieved		100
	16700 16710	16865 16875	206.43377 206.278	203.73533 203.63571	203.73533 203.63571	100	0.00%	0.00%	165		165		Achieved Achieved		100
	16720 16730	16885 16895	206.12485	203.55679 203.47252	203.55679 203.47252	100 100	0.00%	0.00%	165 165	141	165	165.00065	i Achieved Achieved		100
	16740	16905	205.87913	203.36854	203.36854	100	0.00%	0.00%	165	141	165	165	Achieved		100
-	16750 16760	16915 16925	205.759 205.61679	203.27936 203.20697	203.27936 203.20697	100	0.00%	0.00%	165		165		i Achieved Achieved		100
	16770	16935	205.43872	203.1064	203.1064	100	0.00%	0.00%	165	141	165	165	Achieved		100
	16780 16790	16945 16955	205.27135 205.12503	203.05723 203.02979	203.05723 203.02979	100	0.00%	0.00%	165		165 165		Achieved		100
	16800 16810	16965 16975	204.96902 204.78158	203.0061 202.97936	203.0061 202.97936	100	0.00%	0.00%	165		165	165	i Achieved Achieved		100
	16820	16985	204.59676	202.97837	202.97837	100	0.00%	0.00%	165	141	165	165	Achieved		100
	16830 16840	16995 17005	204.47457 204.34427	203 203.01877	203 203.01877	100	0.00%	0.00%	165		165 165		Achieved Achieved		100
	16850 16860	17015 17025	204.20268 204.10695	203.04128 203.09254	203.04128 203.09254	100	0.00%	0.00%	165		165 165	165	i Achieved Achieved		100
	16870	17035	203.9762	203.14134	203.14134	100	0.00%	0.00%	165	141	165	165	Achieved		100
	16880 16890	17045 17055	203.90006 203.8231	203.19478 203.20759	203.19478 203.20759	100	0.00%	0.00%	165	141	165	165	Achieved Achieved		100
	16900 16910	17065 17075	203.7177 203.61933	203.20564 203.20051	203.20564 203.20051	100 100	0.00%	0.00%	165 165		165 165	165	Achieved Achieved		100
	16920	17085	203.5509	203.15902	203.15902	100	0.00%	0.00%	165	141	165	165	Achieved		100
	16930 16940	17095 17105	203.4407 203.38506	203.14823 203.11638	203.14823 203.11638	100	0.00%	0.00%	165		165 165	164.99591	Achieved Achieved		100
	16950	17115	203.34423	203.11937	203.11937	100	0.00%	0.00%	165	141	165	164.98705	Achieved		100
	16960 16970	17125 17135	203.32103 203.30207	203.12457 203.12775	203.12457 203.12775	100	0.00%	0.00%	165 165	141	165 165	164.9775	Achieved Achieved		100
	16980 16990	17145 17155	203.27045 203.28347	203.11606 203.12675	203.11606 203.12675	100	0.00%	0.00%	165		165		Achieved Achieved		100
	17000	17165	203.31269	203.14141	203.14141	100	0.00%	0.00%	165	141	165	164.9617	Achieved		100
	17010 17020	17175 17185	203.33396 203.35531	203.17483 203.19031	203.17483 203.19031	100 100	0.00%	0.00%	165 165	141	165 165	164.92502	Achieved Achieved		100
	17030 17040	17195 17205	203.42165 203.45533	203.19153 203.19944	203.19153 203.19944	100	0.00%	0.00%	165		165		Achieved Achieved		100
	17050	17215	203.51131 203.49835	203.18362 203.11046	203.18362 203.11046	100	0.00%	0.00%	165	141	165	164.70994	Achieved Achieved		100
	17060 17070	17235	203.51055	202.95895	202.95895	100	0.00%	0.00%	165	141	165	164.20093	Achieved		100
	17080 17090	17245 17255	203.47467 203.46445	202.76516 202.59564	202.76516 202.59564	100 100	0.00%	0.00%	165 165		165 165		Achieved Achieved		100
	17100	17265	203.43255	202.4429	202.4429	100	0.00%	0.00%	165	141	165	162.54992	Achieved		100
	17110 17120	17275 17285	203.41343 203.41456	202.3167 202.22651	202.3167 202.22651	100 100	0.00%	0.00%	165		165 165		Achieved Achieved		100
	17130 17140	17295	203.42769	202.16329 202.11633	202.16329 202.11633	100	0.00%	0.00%	165	141	165	161.34448	Achieved Achieved		100
	17150	17315	203.42178	202.08508	202.08508	100	0.00%	0.00%	165	141	165	161.1645	Achieved		100
	17160 17170	17325 17335	203.43156 203.45784	202.09689 202.08284	202.09889 202.08284	100	0.00%	0.00%	165		165		Achieved Achieved		100
	17180	17345	203.48712	202.09111 202.12155	202.09111 202.12155	100	0.00%	0.00%	165	141	165	161.89524	Achieved		100
	17190 17200	17355 17365	203.488 203.5	202.12348	202.12348	100	0.00%	0.00%	165 165	141	165 165	162.86967	Achieved Achieved		100
	17210 17220	17375 17385	203.49638 203.4526	202.07583 202.06678	202.07583 202.06678	100 100	0.00%	0.00%	165 165		165 165	163.37737	Achieved Achieved		100
	17230	17395	203.34296	202.07166	202.07166	100	0.00%	0.00%	165	141	165	164.382	Achieved		100
	17240 17250	17405 17415	203.16214 202.974	202.07297 202.07174	202.07297 202.07174	100 100	0.00%	0.00%	165 165		165 165		Achieved Achieved		100
	17260 17270	17425 17435	202.82075	202.06026	202.06026	100	0.00%	0.00%	165 165	141	165	164.91463	Achieved Achieved		100
	17280	17445	202.57617	202.00426	202.00426	100	0.00%	0.00%	165	141	165	164.98022	Achieved		100
	17290 17300	17455 17465	202.49263 202.43516	202.00011 201.9759	202.00011 201.9759	100	0.00%	0.00%	165		165	165.00484	Achieved Achieved		100
	17310 17320	17475 17485	202.39435 202.39213	201.96669 201.98426	201.96669 201.98426	100	0.00%	0.00%	165	141	165	165.00485	Achieved Achieved		100
	17330	17495	202.38568	202.03271	202.03271	100	0.00%	0.00%	165	141	165	165.00489	Achieved		100
	17340	17505 17515	202.38313 202.40681	202.03932 202.06685	202.03932 202.06685	100	0.00%	0.00%	165		165		Achieved		100

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1001001011001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001001			202.42609	202.10436											100
Dim Dim <thdim< th=""> <thdim< th=""> <thdim< th=""></thdim<></thdim<></thdim<>															100
Des Des <thdes< th=""> <thdes< th=""> <thdes< th=""></thdes<></thdes<></thdes<>															100
															100
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13140 13305 205 9312 205 99477 205 99477 100 0.00% 155 141 165 154 99533 Achieved 13150 13151 205 9661 206.06521 206.06521 100 0.00% 165 141 165 164 99558 Achieved 13160 13232 205.06621 206.06521 100 0.00% 165 141 165 164 99568 Achieved 13170 13335 206.00582 206.07886 100 0.00% 165 141 165 164.9956 Achieved 13180 13353 206.00582 206.1572 100 0.00% 165 141 165 164.9956 Achieved 13180 13355 206.00582 206.1572 100 0.00% 165 141 165 164.9953 Achieved 13120 13355 206.0991 206.1427 206.1427 100 0.00% 165 141 16												164.99547	Achieved		100
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18220 18425 206.85538 206.65538 100 0.00% 165 141 165 165.04691 (Archiverd) 18270 18435 206.19184 206.84002 206.84002 100 0.00% 165 141 165 165.1366 (Archiverd) 18280 18445 206.22651 207.03198 200 0.00% 0.00% 165 141 165 165.1366 (Archiverd)															100
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18280 18445 206.22651 207.03198 207.03198 100 0.00% 0.00% 165 141 165 165515803 Achieved				206.84402								165.1396	Achieved		100
	18280	18445	206.22651				0.00%					165.15803	Achieved		100
	18290	18455	206.27119	207.36977	207.36977	100	0.00%	0.00%	165	141	165				100

Birralee Main Road (A1701) – Counter Direction (CD)

Stopping Sight Distance

Car Driver Eye Height 1.10m to 0.8m Object Height

Continuous Chainage from Link 08

Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous Grade	Average Grade	Sight Distance	Sight Distance Relaxed	Sight Distance Achieved	Sight Distance Along Sight Line Achieved	Sight Line Status	Obstruction	SSD Speed Achieved
18462.211	18297.211	207.76005	205.96509	205.96509	100	0.00%	0.00%	Required 165	141	165	163.7417	Achieved		EDD 2sec RT (km/h) 100
18452.211 18442.211	18287.211 18277.211	207.54392 207.25952	205.9484 205.92147	205.9484 205.92147	100	0.00% 0.00%	0.00%	165	141	165	164.26637			100
18432.211	18267.211	207.09562	205.91808	205.91808	100	0.00%	0.00%	165	141	165	164.83746	Achieved		100
18422.211 18412.211	18257.211 18247.211		205.90511 205.91302	205.90511 205.91302	100	0.00%	0.00%	165						100
18402.211	18237.211	206.66181	205.8992	205.8992	100	0.00%	0.00%	165	141	165	164.97128	Achieved		100
18392.211 18382.211	18227.211 18217.211	206.56521 206.52331	205.86152 205.85258	205.86152 205.85258	100	0.00%	0.00%	165	141					100
18372.211	18207.211	206.47949	205.80251	205.80251	100	0.00%	0.00%	165	141	165	165.01409	Achieved		100
18362.211 18352.211	18197.211 18187.211	205.43018 205.40801	205.78747 205.75435	205.78747 205.75435	100	0.00%	0.00%	165						100
18342.211	18177.211	206.38393	205.7084	205.7084	100	0.00%	0.00%	165	141	165	165.0015	Achieved		100
18332.211 18322.211	18167.211 18157.211		205.67677 205.66834	205.67677 205.66834	100	0.00%	0.00%	165	141			Achieved Achieved		100
18312.211 18302.211	18147.211	206.29682	205.63701 205.60068	205.63701 205.60068	100	0.00%	0.00%	165	141	165	165.00434	Achieved		100
18302.211	18137.211 18127.211		205.60068	205.60068	100	0.00%	0.00%	165						100
18282.211 18272.211	18117.211 18107.211	206.22423 206.22296	205.5618	205.5618 205.5207	100	0.00%	0.00%	165	141					100
18262.211	18097.211	206.20476	205.47324	205.47324	100	0.00%	0.00%	165	141	165	165.00423	Achieved		100
18252.211	18087.211 18077.211	206.21102 206.21373	205.41513 205.34648	205.41513 205.34648	100	0.00%	0.00%	165	141					100
18232.211	18067.211	206.17478	205.29103	205.29103	100	0.00%	0.00%	165	141	165	165.00422	Achieved		100
18222.211 18212.211	18057.211 18047.211	206.15609 206.13197	205.23499 205.19169	205.23499 205.19169	100	0.00%	0.00%	165	141					100
18202.211	18037.211		205.14149	205.14149	100	0.00%	0.00%	165	141	165				100
18192.211 18182.211	18027.211 18017.211	206.0789 206.02616	205.06411 205.00414	205.06411 205.00414	100	0.00%	0.00%	165	141					100
18172.211	18007.211	205.98997	204.9531	204.9531	100	0.00%	0.00%	165						100
18162.211 18152.211	17997.211 17987.211	205.9558	204.87109 204.76724	204.87109 204.76724	100	0.00%	0.00%	165	141	165	165	Achieved		100
18142.211 18132.211	17977.211 17967.211	205.91567 205.88479	204.68833 204.5989	204.68833 204.5989	100	0.00%	0.00%	165	141			Achieved Achieved		100
18122.211	17957.211	205.8719	204.52897	204.52897	100	0.00%	0.00%	165	141	165	165.00128	Achieved		100
18112.211 18102.211	17947.211 17937.211	205.84335 205.79619	204.44006 204.36709	204.44006 204.36709	100	0.00%	0.00%	165						100
18092.211	17927.211	205.74439	204.27224	204.27224	100	0.00%	0.00%	165	141	165	165.00128	Achieved		100
18082.211 18072.211	17917.211 17907.211		204.21251 204.17963	204.21251 204.17963	100	0.00%	0.00%	165	141	165	165.00127			100
18062.211	17897.211	205.56281	204.11715 204.04001	204.11715 204.04001	100	0.00%	0.00%	165	141	165	165.00127	Achieved		100
18052.211 18042.211	17887.211 17877.211	205.46868	203.98691	203.98691	100	0.00%	0.00%	165	141	165	165.00127	Achieved		100
18032.211	17867.211 17857.211	205.40027	203.96643 203.88754	203.96643 203.88754	100	0.00%	0.00%	165	141	165	165.00127			100
18012.211	17847.211	205.27795	203.77777	203.77777	100	0.00%	0.00%	165	141	165	165.00127	Achieved		100
18002.211	17837.211	205.2132 205.11917	203.71616 203.63908	203.71616 203.63908	100	0.00%	0.00%	165	141					100
17982.211	17817.211	205.02862	203.56817	203.56817	100	0.00%	0.00%	165	141	163	165.00128	Achieved		100
17972.211 17962.211	17807.211 17797.211	204.94079 204.86765	203.51849 203.47579	203.51849 203.47579	100	0.00%	0.00%	165	141					100
17952.211	17787.211		203.42385	203.42385	100	0.00%	0.00%	165	141	165	165	Achieved		100
17942.211 17932.211	17777.211 17767.211	204.70576 204.61742	203.36347 203.31556	203.36347 203.31556	100	0.00%	0.00%	165	141			Achieved Achieved		100
17922.211	17757.211		203.29502 203.26348	203.29502 203.26348	100	0.00%	0.00%	165				Achieved Achieved		100
17902.211	17737.211	204.45372	203.23229	203.23229	100	0.00%	0.00%	165	141	165	165	Achieved		100
17892.211	17727.211	204.37823 204.30729	203.17961 203.13861	203.17961 203.13861	100	0.00%	0.00%	165	141			Achieved Achieved		100
17872.211	17707.211	204.28078	203.10217	203.10217	100	0.00%	0.00%	165	141	165	165	Achieved		100
17862.211 17852.211	17697.211	204.23443 204.13071	203.05335 202.9803	203.05335 202.9803	100	0.00%	0.00%	165				Achieved Achieved		100
17842.211	17677.211 17667.211	204.04799 203.97919	202.91461 202.8427	202.91461 202.8427	100	0.00%	0.00%	165	141			Achieved Achieved		100
17822.211	17657.211	203.90165	202.79106	202.79106	100	0.00%	0.00%	165	141	165	165	Achieved		100
17812.211 17802.211	17647.211 17637.211	203.83857 203.79237	202.74696 202.69473	202.74696 202.69473	100	0.00%	0.00%	165	141			Achieved Achieved		100
17792.211	17627.211	203.75237 203.69762	202.64614	202.64614	100	0.00%	0.00%	165	141			Achieved		100
17772.211	17607.211	203.63744	202.56324	202.56324	100	0.00%	0.00%	165	141	165	165	Achieved		100
17762.211	17597.211	203.50709 203.58441	202.51448 202.46223	202.51448 202.46223	100	0.00%	0.00%	165	141			Achieved		100
17742.211	17577.211	203.54009	202.40057	202.40057	100	0.00%	0.00%	165	141	165	165	Achieved		100
17732.211	17567.211	203.50574 203.45699	202.31882 202.2577	202.31882 202.2577	100	0.00%	0.00%	165	141			Achieved Achieved		100
17712.211	17547.211	203.41988	202.19919	202.19919 202.14553	100	0.00%	0.00%	165	141	165	165	Achieved		100
17702.211	17527.211	203.31669	202.08626	202.08626	100	0.00%	0.00%	165	141	165	165	Achieved Achieved		100
17682.211 17672.211	17517.211 17507.211	203.24858 203.1834	202.04536 202.01776	202.04536	100	0.00% 0.00%	0.00%	165	141			Achieved Achieved		100
17662.211	17497.211	203.11213	202.01166	202.01166	100	0.00%	0.00%	165	141	165	165	Achieved		100
17652.211	17487.211 17477.211	203.06873 203.02407	201.9926 201.9687	201.9926 201.9687	100	0.00%	0.00%	165				Achieved Achieved		100
17632.211	17467.211	202.96632	201.97174 201.98017	201.97174	100	0.00%	0.00%	165	141	165	165	Achieved		100
17612.211	17457.211 17447.211	202.88719	201.99245	201.98017 201.99245	100	0.00%	0.00%	165	141	165	164.98778	Achieved		100
17602.211		202.83794	202.02597 202.05048	202.02597 202.05048	100	0.00%	0.00%	165	141	165	165.00336	Achieved		100
17582.211	17417.211	202.72592	202.06894	202.06894	100	0.00%	0.00%	165	141	163	165.00295	Achieved		100
17572.211			202.07194 202.0706	202.07194 202.0706	100	0.00%	0.00%	165	141					100
17552.211	17387.211	202.52887	202.06783	202.06783	100	0.00%	0.00%	165	141	163	164.99843	Achieved		100
17542.211 17532.211	17377.211 17367.211		202.09816 202.11307	202.09816	100	0.00%	0.00%	165				Achieved Achieved		100
17522.211	17357.211	202.36262	202.11468	202.11468	100	0.00%	0.00%	165	141	163	164.99419	Achieved		100
17512.211 17502.211	17347.211 17337.211	202.33037 202.31417	202.07873 202.03787	202.07873 202.03787	100	0.00%	0.00%	165						100
17492.211	17327.211		202.05	202.05	100	0.00%	0.00%	165						100
17482.211 17472.211	17317.211 17307.211	202.27032	202.10294 202.12878	202.10294 202.12878	100	0.00%	0.00%	165	141	165	164.99403	Achieved		100
17462.211	17297.211 17287.211	202.27408 202.28792	202.19899 202.28607	202.19899 202.28607	100	0.00%	0.00%	165						100
17442.211	17277.211	202.30961	202.41413	202.41413	100	0.00%	0.00%	165	141	165	165.02266	Achieved		100
17432.211 17422.211	17267.211	202.33818 202.36433	202.53481 202.72444	202.53481 202.72444	100	0.00%	0.00%	165	141					100
17412.211	17247.211	202.37082	202.93013	202.93013	100	0.00%	0.00%	165	141	165	165.0824	Achieved		100
17402.211 17392.211	17237.211 17227.211	202.37176 202.3659	203.14657 203.32724	203.14657 203.32724	100	0.00%	0.00%	165				Achieved Achieved		100
17382.211 17372.211	17217.211	202.38076	203.40606	203.40606 203.39225	100	0.00%	0.00%	165	141	165	164.79364	Achieved		100
17362.211	17197.211	202.42106	203.36638	203.36638	100	0.00%	0.00%	165	141	165	163.96365	Achieved		100
17352.211	17187.211		203.31784 203.25579	203.31784	100	0.00%	0.00%	165						100
17332.211	17167.211	202.3274	203.20753	203.20753	100	0.00%	0.00%	165	141	163	162.84472	Achieved		100
17322.211			203.17308 203.15374	203.17308 203.15374	100	0.00%	0.00%	165	141					100
17302.211	17137.211	202.46139	203.16365	203.16365	100	0.00%	0.00%	165	141	163	162.65185	Achieved		100
17292.211 17282.211	17117.211	202.64624	203.17036 203.17648	203.17036 203.17648	100	0.00%	0.00%	165	141	165	163.18099	Achieved		100
17272.211 17262.211			203.1708 203.15717	203.1708 203.15717	100	0.00%	0.00%	165						100
ara02.211	21027.211	101.71301		200.20121	100	0.0076	0.0076	163	141	161	204.00323			100

						Instantaneous		Sight Distance	Sight Distance	Sight Distance	Sight Distance Along			SSD Speed Achieved
Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Grade	Average Grade	Required	Relaxed	Achieved	Sight Line Achieved	Sight Line Status	Obstruction	EDD 2sec RT (km/h)
17252.211 17242.211	17087.211	203.13476	203.14349 203.15454	203.14349 203.15454	100	0.00%	0.00%	165	141	165	164.48488			10
17232.211	17067.211	203.54366 203.68359	203.17551 203.19114	203.17551 203.19114	100	0.00%	0.00%	165	141	165	165.10668			10
17212 211	17047.211	203.70518	203.17334 203.10702	203.17334 203.10702	100	0.00%	0.00%	165	141	165	165.11002	Achieved		10
17192.211	17027.211	203.64953	203.07512	203.07512	100	0.00%	0.00%	165	141	165	165.08332	Achieved		10
17182.211	17017.211 17007.211	203.5819 203.52869	203.03957 203.01906	203.03957 203.01906	100	0.00%	0.00%	165	141	165	165.04774			10
17162.211	16997.211		203.00895 203.00299	203.00895 203.00299	100	0.00%	0.00%	165	141		165.02888 165.02578			10
17142.211	16977.211	203.4539	202.99318	202.99318	100	0.00%	0.00%	165	141	165	165.02247	Achieved		10
17132.211	16967.211 16957.211	203.4687	203.00594 203.02834	203.00594 203.02834	100	0.00%	0.00%	165	141	165	165.01893	Achieved		10
17112.211	16947.211 16937.211	203.47373 203.46184	203.07806 203.1332	203.07806 203.1332	100	0.00%	0.00%	165	141		165.01123			10
17092.211	16927.211 16917.211	203.44655	203.20068 203.25954	203.20068 203.25954	100	0.00%	0.00%	165	141	165	165.00288			10
17072.211	16907.211	203.47141	203.33549	203.33549	100	0.00%	0.00%	165	141	165	165	Achieved		10
17052.211	16897.211		203.45074 203.56768	203.45074 203.56768	100	0.00%	0.00%	165	141 141			Achieved Achieved		10
17042.211	16877.211		203.62818 203.74028	203.62818 203.74028	100	0.00%	0.00%	165	141			Achieved		10
17022.211	16857.211		203.85209	203.85209	100	0.00%	0.00%	165	141	165	165	Achieved		10
17012.211	16847.211 16837.211	203.32919 203.31418	203.9352 204.06613	203.9352 204.06613	100	0.00%	0.00%	165	141		165	Achieved		10
16992.211	16827.211 16817.211	203.30473 203.29438	204.22303 204.34085	204.22303	100	0.00%	0.00%	165	141	165		Achieved Achieved		10
16972.211	16807.211	203.29653	204.49556	204.49556	100	0.00%	0.00%	165	141	165	165	Achieved		10
16962.211	16797.211 16787.211		204.67379 204.82266	204.67379 204.82266	100	0.00%	0.00%	165	141			Achieved Achieved		10
16942.211	16777.211	203.40527 203.46552	204.95593 205.12665	204.95593 205.12665	100	0.00%	0.00%	165	141	165	165	Achieved Achieved		10
16922.211	16757.211	203.5382	205.28769	205.28769	100	0.00%	0.00%	165	141	165	165	Achieved		10
16912.211 16902.211	16747.211 16737.211	203.68695	205.42786 205.52367	205.42786 205.52367	100	0.00%	0.00%	165	141 141	165	165	Achieved Achieved		10
16892.211 16882.211	16727.211 16717.211	203.81755 203.89605	205.6217 205.75456	205.6217 205.75456	100	0.00%	0.00%	165	141		164.99301	Achieved Achieved		10
16872.211 16862.211	16707.211		205.851 205.97973	205.851 205.97973	100	0.00%	0.00%	165	141	165	164.91041	Achieved		10
16852.211	16697.211 16687.211	204.18177	206.14595	206.14595	100	0.00%	0.00%	165	141	165	164./3245 164.45102			10
16842.211 16832.211	16677.211		206.36074 206.56764	206.36074 206.36764	100	0.00%	0.00%	165	141		164.02148 163.41256			10
16822.211 16812.211	16657.211 16647.211	204.58204	206.77425	206.77425	100	0.00%	0.00%	165	141	165	162.60672	Achieved		10
16802.211	16637.211	204.88635	207.24112	207.24112	100	0.00%	0.00%	165	141	165	160.77513	Achieved		10
16792.211	16627.211 16617.211		207.44763 207.66429	207.44763 207.66429	100	0.00%	0.00%	165	141		160.09121			10
16772.211	16607.211		207.85941 208.04856	207.85941 208.04856	100	0.00%	0.00%	165	141		159.32128			10
16752.211	16587.211	205.65441	208.23205	208.23205	100	0.00%	0.00%	165	141	165	159.23817 159.35697	Achieved		10
16742.211	16577.211	205.77707 205.86152	208.45286	208.45286	100	0.00%	0.00%	165	141	165	159.67723			10
16722.211	16557.211	205.99093 206.10482	208.97104	208.97104	100	0.00% 0.00%	0.00%	165	141		160.91657			10
16712.211 16702.211	16547.211 16537.211	205.20484	209.19867 209.41492	209.19867 209.41492	100	0.00%	0.00%	165	141 141	165	161.83144 162.77653	Achieved		10
16692.211	16527.211	206.3628	209.64546 209.86213	209.64546 209.86213	100	0.00%	0.00%	165	141	165	163.54352 164.11603			10
16672.211	16507.211	205.76816	210.04325	210.04325	100	0.00%	0.00%	165	141		164.51421			10
16652.211	16497.211 16487.211	207.19278	210.20604 210.37998	210.20604 210.37998	100	0.00%	0.00%	165	141 141	165	164.77192 164.93022	Achieved		10
16642.211 16632.211	16477.211 16467.211	207.42287 207.64532	210.5646 210.7124	210.5646 210.7124	100	0.00%	0.00%	165	141		164.99525	Achieved		10
16622.211 16612.211	16457.211 16447.211	207.86008	210.88655 211.05839	210.88655 211.05839	100	0.00%	0.00%	165	141	165		Achieved Achieved		10
16602.211	16437.211	208.25303	211.17254	211.17254	100	0.00%	0.00%	165	141	165	165.00005	Achieved		10
16592.211	16427.211 16417.211		211.28114 211.38607	211.28114 211.38607	100	0.00%	0.00%	165	141		165.01697			10
16372.211	16407.211 16397.211		211.45265 211.54032	211.45265	100	0.00%	0.00%	165	141		165.04637 165.08024			10
16552.211	16387.211	209.389	211.61304	211.61304	100	0.00%	0.00%	165	141	165	165.1176	Achieved		10
16542.211	16377.211 16367.211	209.83246	211.68001 211.72791	211.68001 211.72791	100	0.00%	0.00%	165	141	165	165.13958			10
16522.211	16357.211	210.05434 210.25851	211.79259 211.86321	211.79259 211.86321	100	0.00%	0.00%	165	141		164.90194 164.60272			10
16302.211	16337.211	210.42146	211.94616 212.04168	211.94616	100	0.00%	0.00%	165	141	165	164.15829	Achieved		10
16492.211 16482.211		210.77693	212.12075	212.04168 212.12075	100	0.00%	0.00%	165	141 141	165		Achieved		10
16472.211 16462.211	16307.211 16297.211		212.23621 212.33425	212.23621 212.33425	100	0.00% 0.00%	0.00%	165	141		163.01775 162.8273			10
16452.211 16442.211	16287.211	211.2803		212.39998 212.47448	100	0.00%	0.00%	165		165		Achieved		10
16432.211	16267.211	211.52649	212.56859	212.36839	100	0.00%	0.00%	165	141	165	163.02355	Achieved		10
16422.211	16257.211 16247.211			212.6136 212.67548	100	0.00% 0.00%	0.00%	165			163.66425	Achieved		10
16402.211 16392.211	16237.211	211.7973	212.7474	212.7474 212.76416	100	0.00%	0.00%	165	141	165	164.10364	Achieved		10
16382.211	16217.211	211.95165	212.68879	212.68879	100	0.00%	0.00%	165	141	165	164.85427	Achieved		10
16372.211 16362.211		212.05751	212.55379 212.34137	212.55379 212.34137	100	0.00%	0.00%			165		Achieved		10
16352.211	16187.211		212.04723 211.89094	212.04723 211.89094	100	0.00%	0.00%	165	141		165.13565		Vertical alignment	10
16332.211	16180.211	212.29577	211.82975 211.77775	211.82975	100	0.00%	0.00%	165	141	152	152.04016	Relaxed	Vertical alignment	10
16322.211 16312.211	16178.211 16174.211	212.47138	211.66945	211.66945	100	0.00%	0.00%	165	141 141	138		Not Achieved	Vertical alignment	10
16302.211 16292.211				211.55393 211.31807	100	0.00%	0.00%	165	141 141			Not Achieved Not Achieved	Vertical alignment Vertical alignment	9
16282.211 16272.211	16152.211 16138.211	212.73811	211.05133	211.05133 210.65851	100	0.00%	0.00%	165	141	130	130	Not Achieved Not Achieved	Vertical alignment Vertical alignment	
16262.211	16110.211	212.89372	209.78248	209.78248	100	0.00%	0.00%	165	141	152	152	Relaxed	Vertical alignment	10
16252.211	16087.211 16077.211		209.04285 208.71548	209.04285 208.71548	100	0.00%	0.00%	165	141		165.03924 165.0593	Achieved Achieved		10
16232.211 16222.211	16067.211	213.06664	208.44495	208.44495 208.17886	100	0.00%	0.00%	165	141	165	165.07354	Achieved		10
16212.211	16047.211	212.9264	207.91561	207.91561	100	0.00%	0.00%	165	141	165	165.15652	Achieved		10
16202.211 16192.211	16037.211 16027.211		207.68086 207.4418	207.68086 207.4418	100	0.00%	0.00%	165	141		165.05332			10
16182.211	16017.211	212.19094	207.11963	207.11963	100	0.00%	0.00%	165	141	165	164.29731	Achieved		10
16172.211 16162.211		211.61807	206.19731	206.71098 206.19731	100	0.00%	0.00%		141	165	163.12777	Achieved		10
16152.211	15987.211 15977.211		205.5892 204.92869	205.5892 204.92869	100	0.00%	0.00%	165	141		162.71035			10
16132.211		210.75572		204.23279	100	0.00%	0.00%	165	141 141	165	162.23362	Achieved		10
16112.211	15947.211	210.13724	202.88944	203.53372 202.88944	100	0.00%	0.00%	165	141	165	162.29872	Achieved		10
16102.211	15938.211 15934.211		202.31883 202.05647	202.31883 202.05647	100	0.00%	0.00%	165	141		161.57716		Vertical alignment Vertical alignment	10
16082.211 16072.211	15924.211 15907.211	209.17497	201.36828 200.18832	201.36828 200.18832	100	0.00%	0.00%	165	141	158	156.42317 163.88469	Relaxed	Vertical alignment	10
16062.211	15904.211	208.61234	199.97335	199.97335	100	0.00%	0.00%	165	141 141	158	157.4858	Relaxed	Vertical alignment	10
16052.211	15906.211	208.3436	200.11719	200.11719	100	0.00%	0.00%	165	141	146	145.91358	Relaxed	Vertical alignment	10

Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous Grade	Average Grade	Sight Distance Required	Sight Distance Relaxed	Sight Distance Achieved	Sight Distance Along	Sight Line Status	Obstruction	SSD Speed Achieved EDD 2sec RT (km/h)
16042.211	15877.211	208.09439	198.01766	198.01766	100	0.00%	0.00%	165	141	165	Sight Line Achieved 163.11194			100
16032.211	15867.211	207.87018 207.592	197.33952 196.68448	197.33952 196.68448	100	0.00%	0.00%	165	141	165	165.16738 165.10092			100
16012.211	15847.211	207.23077	196.05817	196.05817	100	0.00%	0.00%	165	141	163	165.04078	Achieved		100
16002.211	15837.211 15827.211	206.76728 206.20077	195.4464 194.85316	195.4464 194.85316	100	0.00%	0.00%	165	141	165	165.03412			100
15982.211	15817.211	205.56512 204.88299	194.29416 193.74162	194.29416 193.74162	100	0.00%	0.00%	165	141	163	165.01456			100
15962.211	15797.211	204.17914	193.26605	193.26605	100	0.00%	0.00%	165	141	165	165.00474	Achieved		100
15952.211	15787.211	203.50803 202.87419	192.87379 192.48726	192.87379 192.48726	100	0.00%	0.00%	165	141	165		Achieved Achieved		100
15932.211	15767.211	202.21841	192.13951	192.13951	100	0.00%	0.00%	165	141	165	165.00549	Achieved		100
15922.211	15757.211	201.52772 200.8451	191.81821 191.49036	191.81821 191.49036	100	0.00%	0.00%	165	141	165	165.00539			100
15902.211	15737.211	200.12931	191.18208 190.92934	191.18208 190.92934	100	0.00%	0.00%	165	141	165				100
15882.211	15717.211	198.66681	190.7547	190.7547	100	0.00%	0.00%	165	141	165	165.00415	Achieved		100
15872.211	15707.211	197.97823 197.30645	190.58992 190.41457	190.58992 190.41457	100	0.00%	0.00%	165	141	165	165.00505			100
15852.211 15842.211	15687.211 15677.211	196.67023 196.04295	190.21284 189.92779	190.21284 189.92779	100 100	0.00%	0.00%	165	141	163				100
15832.211	15667.211	195.45971	189.60304	189.60304	100	0.00%	0.00%	165	141	163	164.72128	Achieved		100
15822.211	15657.211 15647.211	194.86833 194.3162	189.3404 189.10211	189.3404	100	0.00%	0.00%	165	141	165	164.41089 163.91354			100
15802.211	15640.211	193.79107	188.90896	188.90896	100	0.00%	0.00%	165	141	162	160.49664	Relaxed	Inside Curve	100
15792.211	15640.211	193.3664 192.98215	188.90896 188.90896	188.90896 188.90896	100	0.00%	0.00%	165	141	152	150.51042		Inside Curve Inside Curve	100
15772.211	15638.211 15638.211	192.61676	188.86321 188.86321	188.86321 188.86321	100	0.00%	0.00%	165	141	134		Not Achieved	Inside Curve	90
15752.211	15636.211	191.9587	188.81682	188.81682	100	0.00%	0.00%	165	141	116	114.40011	Not Achieved Not Achieved	Inside Curve Inside Curve	80
15742.211	15634.211 15632.211	191.63111 191.33086	188.7684 188.71788	188.7684 188.71788	100	0.00%	0.00%	165	141	108		Not Achieved Not Achieved	Inside Curve Inside Curve	80
15722.211	15628.211	191.14028	188.6385	188.6385	100	0.00%	0.00%	165	141	94	92.21265	Not Achieved	Inside Curve	70
15712.211	15622.211 15608.211	190.96857 190.80492	188.32868 188.32709	188.52868 188.32709	100	0.00%	0.00%	165	141 141	90	91.83635	Not Achieved Not Achieved	Inside Curve Inside Curve	70
15692.211	15580.211	190.62082 190.38443	188.44611	188.44611 188.55737	100	0.00%	0.00%	165	141 141	112		Not Achieved	Inside Curve Vertical alignment	80
15672.211	15520.211	190.05993	188.55737	188.55737	100	0.00%	0.00%	165	141	152	150.67016	Relaxed	Vertical alignment	100
15662.211	15522.211	189.76884 189.52281	188.69196 188.69196	188.69196 188.69196	100	0.00%	0.00%	165	141	140		Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
15642.211	15522.211	189.26328	188.69196	188.69196	100	0.00%	0.00%	165	141	120	119.80725	Not Achieved	Vertical alignment	90
15632.211	15524.211 15524.211	189.01788 188.82868	188.82698 188.82698	188.82698 188.82698	100 100	0.00% 0.00%	0.00%	165	141 141	108 98	97.97407	Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
15612.211	15524.211	188.67165 188.57034	188.82698 188.82698	188.82698 188.82698	100	0.00%	0.00%	165	141	88		Not Achieved Not Achieved	Vertical alignment Vertical alignment	70
15592.211	15524.211	188.55574	188.82698	188.82698	100	0.00%	0.00%	165	141	68	68	Not Achieved	Vertical alignment	60
15582.211	15524.211	188.70423 188.98706	188.82698 188.69196	188.82698 188.69196	100	0.00%	0.00%	165	141	38	50	Not Achieved Not Achieved	Vertical alignment Vertical alignment	50
15562.211	15516.211	189.30286	188.26751	188.26751	100	0.00%	0.00%	165	141	46	46	Not Achieved	Vertical alignment	40
15552.211 15542.211	15387.211 15377.211	189.63847 189.84341	184.86021 184.83888	184.86021 184.83888	100	0.00%	0.00%	165	141 141	165	163.78111	Achieved		100
15532.211	15367.211 15357.211	189.59245 188.99196	184.86831 184.89671	184.86831 184.89671	100 100	0.00%	0.00%	165	141	165	163.78144 163.85831			100
15512.211	15347.211	188.27533	184.86853	184.86853	100	0.00%	0.00%	165	141	163	164.00125	Achieved		100
15502.211	15337.211 15327.211	187.53767 186.84688	184.83022 184.83303	184.83022 184.83303	100	0.00%	0.00%	165	141	165	164.17497 164.30725			100
15482.211	15317.211	186.34798	184.79231	184.79231	100	0.00%	0.00%	165	141	165	164.25429	Achieved		100
15472.211 15462.211	15307.211 15297.211	186.00934 185.80869	184.69022 184.60657	184.69022 184.60657	100	0.00%	0.00%	165	141 141	165	164.05811 163.67105			100
15452.211	15287.211 15277.211	185.67808	184.63747 184.81603	184.63747 184.81603	100	0.00%	0.00%	165	141	165				100
15432.211	15267.211	185.50372	185.10044	185.10044	100	0.00%	0.00%	165	141	165	162.42611	Achieved		100
15422.211	15257.211 15247.211	185.49326	185.51669 185.9418	185.51669 185.9418	100	0.00%	0.00%	165	141	165	162.2633			100
15402.211	15237.211	185.24348	186.23311	186.23311	100	0.00%	0.00%	165	141	165	162.30903	Achieved		100
15392.211 15382.211	15227.211 15217.211	185.14208	186.33243 186.33	186.33243 186.33	100	0.00%	0.00%	163	141	165	162.77139	Achieved		100
15372.211	15207.211	185.15486	186.31098 186.26221	186.31098 186.26221	100	0.00%	0.00%	165	141	165	163.11601 163.52517			100
15352.211	15187.211	185.19158	186.20745	186.20745	100	0.00%	0.00%	165	141	163	163.89293	Achieved		100
15342.211 15332.211	15177.211 15167.211	185.14295	186.21066 186.19624	186.21066 186.19624	100 100	0.00%	0.00%	165	141	165	164.48098			100
15322.211 15312.211	15157.211 15147.211	185.12198 185.0471	186.15265 186.1066	186.15265 186.1066	100	0.00%	0.00%	165	141	165	164.72039			100
15302.211	15154.211	184.94081	186.14185	186.14185	100	0.00%	0.00%	165	141	148	147.95591	Relaxed	Vertical alignment	100
15292.211	15164.211	184.91323 185.01258	186.18278 186.18278	186.18278 186.18278	100	0.00%	0.00%	165	141	128	127.99118	Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
15272.211	15146.211	185.24613	186.09983	186.09983	100	0.00%	0.00%	165	141	126	126.00925	Not Achieved	Vertical alignment	90
15262.211	15097.211	185.59277 186.0392	185.80575 185.75809	185.80575 185.75809	100	0.00%	0.00%	165	141	165	165.00434	Achieved Achieved		100
15242.211	15077.211	186.40749 186.60301	185.70247 185.64738	185.70247	100	0.00%	0.00%	165	141	165	165	Achieved Achieved		100
15222.211	15067.211 15057.211	186.63492	185.66037	185.64738 185.66037	100	0.00%	0.00%	165	141	163	165.01273	Achieved		100
15212.211	15047.211	186.62325	185.66758 185.66754	185.66758 185.66754	100	0.00%	0.00%	165	141					100
15192.211	15027.211	186.53118	185.69378	185.69378	100	0.00%	0.00%	165	141	165	165.0119	Achieved		100
15182.211	15017.211	186.50061 186.51132	185.67663 185.64884	185.67663 185.64884	100 100	0.00%	0.00%	165	141	165	165.01157	Achieved		100
15162.211	14997.211 14987.211	186.47298 186.43432	185.60541 185.56416	185.60541 185.56416	100	0.00%	0.00%	165	141		165.01148	Achieved		100
15142.211	14977.211	186.3648	185.50957	185.50957	100	0.00%	0.00%	165	141	163	165.01142	Achieved		100
15132.211		186.29861	185.46598 185.41141	185.46598 185.41141	100	0.00%	0.00%	165	141	165				100
15112.211	14947.211	186.16517	185.37666	185.37666	100	0.00%	0.00%	165	141	163	165.01168	Achieved		100
15102.211	14937.211 14927.211	186.13238 186.08535	185.349 185.31829	185.349 185.31829	100 100	0.00%	0.00%	165	141					100
15082.211		186.02027	185.31482 185.36129	185.31482 185.36129	100	0.00%	0.00%	165	141	163	165.01234	Achieved		100
15062.211	14897.211	185.94062	185.38409	185.38409	100	0.00%	0.00%	165	141	165	165	Achieved		100
15052.211	14887.211 14877.211	185.97637 185.95989	185.38059 185.41003	185.38059 185.41003	100 100	0.00%	0.00%	165	141	163		Achieved Achieved		100
15032.211	14867.211	185.98305	185.44027	185.44027	100	0.00%	0.00%	165	141	165	165	Achieved		100
15022.211	14857.211 14847.211	185.99028 185.96254	185.46576 185.50606	185.46376 185.50606	100	0.00%	0.00%	165	141	165		Achieved Achieved		100
15002.211	14837.211	185.92842	185.52927	185.52927	100	0.00%	0.00%	165	141	163	165	Achieved		100
14992.211 14982.211	14827.211 14817.211	185.88666	185.53031 185.58982	185.53031 185.58982	100	0.00%	0.00%	165	141 141	163	165	Achieved Achieved		100
14972.211 14962.211	14807.211 14797.211	185.78498	185.64311 185.62695	185.64311 185.62695	100	0.00%	0.00%	165	141		165	Achieved Achieved		100
14952.211	14787.211	185.68853	185.62156	185.62156	100	0.00%	0.00%	165	141	165	165	Achieved		100
14942.211 14932.211	14777.211 14767.211	185.66448 185.63231	185.59038 185.533	185.59038 185.533	100	0.00%	0.00%	165	141	165				100
14922.211	14757.211	185.60971	185.51529	185.51529	100	0.00%	0.00%	165	141	163	164.96304	Achieved		100
14912.211 14902.211	14747.211 14737.211	185.64101 185.67678	185.41857 185.28575	185.41857 185.28575	100 100	0.00%	0.00%	165				Achieved Achieved		100
14892.211 14882.211	14727.211	185.68232	185.02898 184.62551	185.02898 184.62551	100	0.00%	0.00%	165	141	163	164.85847	Achieved		100
14872.211	14707.211	185.72779	184.11868	184.11868	100	0.00%	0.00%	165	141	165	164.75538	Achieved		100
14862.211	14706.211 14704.211	185.75024 185.78312	184.06628 183.95932	184.06628 183.95932	100	0.00%	0.00%	165	141		155.75203		Vertical alignment Vertical alignment	100
		185.8233		183.85256		0.00%						Not Achieved	Vertical alignment	90

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	Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Grade	Average Grade	Required	Relaxed	Achieved	Sight Line Achieved	Sight Line Status	Obstruction	EDD 2sec RT (km/h)
															9
															8
	14792.211	14627.211	185.92477	181.5356	181.5356	100	0.00%	0.00%	165	141	165	164.61219	Achieved		10
															10
															10
	14742.211	14577.211	185.66126	181.35736	181.35736	100	0.00%	0.00%	165	141	165	164.83229	Achieved		10
															10
												164.94274	Achieved		10
	14692.211	14527.211	183.61961	182.28326	182.28326	100	0.00%	0.00%	165	141	165	164.97995	Achieved		10
															10
															10
	14642.211	14477.211	182.15041	182.58579	182.58579	100	0.00%	0.00%	165	141	165	164.98716	Achieved		10
															10
····································	14612.211	14447.211	181.59984	182.52471	182.52471	100	0.00%	0.00%	165	141	165	164.98761	Achieved		10
															10
BODD BODD BODD BODD CON CO															10
	14562.211	14397.211	182.04596	182.74554	182.74554	100	0.00%	0.00%	165	141	165	165.00035	Achieved		10
															10
															10
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Head Head <t< td=""><td>14482.211</td><td>14317.211</td><td>182.86394</td><td>183.89801</td><td>183.89801</td><td>100</td><td>0.00%</td><td>0.00%</td><td>165</td><td>141</td><td>165</td><td>164.99479</td><td>Achieved</td><td></td><td>10</td></t<>	14482.211	14317.211	182.86394	183.89801	183.89801	100	0.00%	0.00%	165	141	165	164.99479	Achieved		10
Head Head <t< td=""><td>14462.211</td><td>14297.211</td><td>182.85994</td><td>184.26912</td><td>184.26912</td><td>100</td><td>0.00%</td><td>0.00%</td><td>165</td><td>141</td><td>165</td><td>164.99373</td><td>Achieved</td><td></td><td>10</td></t<>	14462.211	14297.211	182.85994	184.26912	184.26912	100	0.00%	0.00%	165	141	165	164.99373	Achieved		10
HathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathHathH	14452.211			184.52425		100		0.00%	165	141	165				10
HathHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHotHot	14432.211	14267.211	182.83747	184.99145	184.99143	100	0.00%	0.00%	165	141	165	165.00165	Achieved		10
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	14272.211	14107.211	185.18931	188.03651	188.03651	100	0.00%	0.00%	165	141	165	164.94243	Achieved		10
HAD24HaD84HaD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84HAD84 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>10</td></th<>															10
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1992.11197.213197.423197.423194.423194.423199.90.000.00115145116108.33Net.AberedNet.Accord1992.121987.243197.735184.354114.3451000.000.00145145115114.343Net.Abered11992.121987.124197.735144.372144.373144.373144.3741000.000.00145144145144.344Net.Abered11111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111 <td></td> <td></td> <td></td> <td></td> <td></td> <td>100</td> <td>0.00%</td> <td>0.00%</td> <td>163</td> <td>141</td> <td>108</td> <td></td> <td></td> <td>Inside Curve</td> <td>8</td>						100	0.00%	0.00%	163	141	108			Inside Curve	8
1382.211 1387.213 1377.38 134.363 144.365 145 145 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.367 145.												108.93603	Not Achieved		8
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19192 1917711 191731 191832 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 194330 1943300 1943300 19433	13972.211	13807.211	187.57918	184.37032	184.37032	100	0.00%	0.00%	165	141	165	164.53441	Achieved		10
1342.211 1347.211 1348.3090 148.4387 130.00% 0.0% 150 141 150 145.0960 Animet 1392.211 1377.211 183.4387 184.4387 134.5487 100 0.0% 0.0% 150 141 150 145.1082 Animet 1392.211 1377.211 184.3287 184.5392 134.5392 100.0% 0.0% 150 141 150 151.134 Animet 1392.211 1377.221 184.2392 184.5396 134.5392 100.0% 0.0% 155 141 150 143.1447 Animet 143.1447 Animet 143.1447 Animet 143.1447 Animet 143.1447 144 150 143.1447 Animet 143.1447 Animet 143.1447 Animet 143.1447 Animet 143.1458 144 150 143.1458 144.1458 144.1458 144.4583 Animet 143.1458	13962.211	13797.211	187.3334	184.35902	184.35902	100	0.00%	0.00%	165	141	165	164.79889	Achieved		10
1332.211 1377.211 143.4921 144.592 144.592 145.092 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 145.992 <td>13942.211</td> <td>13777.211</td> <td>186.50054</td> <td>184.38119</td> <td>184.38119</td> <td>100</td> <td>0.00%</td> <td>0.00%</td> <td>165</td> <td>141</td> <td>165</td> <td>165.09608</td> <td>Achieved</td> <td></td> <td>10</td>	13942.211	13777.211	186.50054	184.38119	184.38119	100	0.00%	0.00%	165	141	165	165.09608	Achieved		10
1392.21 1392.21 184.722 184.8306 184.8406 0.00h 0.00h 185 144 185 185.1134 Animed 1 1392.211 1377.211 184.84034 184.8125 184.8125 100 0.00h 0.00h 155 141 155 151.3124 Animed 1 1382.211 1377.211 184.4031 184.3239 184.3239 100 0.00h 0.00h 165 144 165 155.1347 Animed 1 1382.211 1387.211 184.4728 184.171 104.177 100 0.00h 0.00h 165 144 165 165.7347 Animed 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1															10
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13872.211 138072.11 184.4005 184.3329 100 0.05 0.05 155 141 155 155.1013 Animed 13852.211 138072.11 184.4005 184.1021 184.1021 100 0.05 0.055 144 155 155.1013 Animed 1382.211 138072.11 184.40021 184.0021 100 0.055 0.055 144 155 145.1023 Animed 165.1023 Animed 165.1023 <td>13892.211</td> <td>13727.211</td> <td>184.50932</td> <td>184.59429</td> <td>184.59429</td> <td>100</td> <td>0.00%</td> <td>0.00%</td> <td>165</td> <td>141</td> <td>165</td> <td>165.13281</td> <td>Achieved</td> <td></td> <td>10</td>	13892.211	13727.211	184.50932	184.59429	184.59429	100	0.00%	0.00%	165	141	165	165.13281	Achieved		10
1382.21 1387.211 184.4723 184.173 100 0.005 0.005 185 144 185 115.02437 Anineed 1382.21 1387.211 184.5874 184.0975 184.0975 100 0.005 0.005 165 144 165 154.313 Anineed 1382.211 1387.211 184.6974 184.111 184.111 100 0.005 0.005 165 144 165 154.313 Anineed 1382.211 1387.211 184.6713 184.1819 100 0.005 0.005 165 144 165 164.033 Anineed 3.00 0.005 165 144 165 164.312 Anineed 3.00 3.00 3.00 165 144 165 164.312 Anineed 3.01 3.01 3.01 3.01 3.01 3.															10
1382.213 1387.214 184.6874 184.09778 184.09778 180.09778 190 0.0% 0.0% 185 141 115 114.77827 Anineed 1382.2141 1385.7214 1384.58784 184.1819 184.1819 100 0.0% 0.0% 165 144 165 114.67033 Anineed 1382.2141 1346.7713 184.6713 184.0291 184.0214 0.0% 0.0% 165 144 165 114.6733 Anineed 1382.214 1346.7713 184.6826 100 0.0% 0.0% 165 144 165 164.3771 Anineed 1372.213 1348.7713 184.6273 184.6273 100 0.0% 0.0% 155 144 165 164.3774 Anineed 1372.213 1346.7214 184.8273 184.8273 100 0.0% 0.0% 155 144 165 164.3744 Anineed 167.24 Anineed 167.24 Anineed 167.24 Anineed 167.	13862.211	13697.211	184.49273	184.1773	184.1773	100	0.00%	0.00%	165	141	165	165.03457	Achieved		10
1382.21 1387.211 184.899 184.111 184.111 100 0.00% 0.00% 185 141 185 144.8786 Animed () 1382.21 1387.211 184.6733 184.813 184.813 184.813 184.813 184.813 184.823 1387.211 144.6736 Animed () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () ()	13842.211	13677.211	184.63974	184.09778	184.09778	100	0.00%	0.00%	165	141	165	164.77927	Achieved		10
1382.21 198.4713 198.4921 198.4921 198.4921 198.6713 198.4921 198.6713 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473 198.6473															10
13722.21 1382.21.1 184.8400 184.8273 184.8273 100 0.00% 0.00% 185 144 165 144.9476 Anineed 167.211 13722.21 1380.721.1 184.8581 18.90772 189.09772 100 0.00% 0.00% 155 141 155 154.9723.1 Anineed 167.211 13722.21 1380.721.1 184.85981 185.92772 189.23477 100 0.00% 0.00% 165 141 155 154.9723.1 Anineed 167.211 1167.9524 Anineed 167.211 1367.211 184.8491 185.8492.4 100 0.00% 0.00% 165 144 165 154.9234 Anineed 167.211 137.211 184.8413 187.8297 187.8973 100 0.00% 0.00% 165 144 165 154.9284 Anineed 167.211 137.211 184.8433 187.8773 187.8773 100 0.00% 0.00% 165 144 165 154.9284 Anineed 167.211 137.211 184.8431 187.8773 187.9773 100 0.00% 0.00%<	13812.211	13647.211	184.67131	184.30291	184.30291	100	0.00%	0.00%	165	141	165	164.55721	Achieved		10
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $															10
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	13782.211	13617.211	184.66511	184.8296	184.8296	100	0.00%	0.00%	165	141	165	164.57551	Achieved		10
13742.21 138772.11 148.9212 18.8492.8 18.9492.8 100 0.00% 0.00% 185 141 165 15.0122.1 Animeed 11.912.211 13722.21 138772.11 18.492.8 18.7297.3 18.7297.3 100 0.00% 0.00% 155 141 155 154.9227.0 Animeed 11.912.211 13722.21 133972.11 18.4319 18.7297.3 100 0.00% 0.00% 155 141 155 154.94261.Animeed 11.912.211 13702.211 1384.7211 184.5907.1 185.7997.3 100 0.00% 0.00% 155 141 155 154.1451.Animeed 11.912.211 Animeed 11.912.211 1337.211 184.4321.359471 135.5967 100 0.00% 0.00% 155 141 155 153.7214.Animeed 11.912.211 Animeed 11.912.211 1337.211 184.4043 135.5967 100 0.00% 0.00% 145 141 165 155.2713.4Nimeed 11.912.211 1337.211 184.4043 135.5967 100 0.00% 0.00% 144 165 159	13762.211	13597.211	184.77073	185.25477	185.25477	100	0.00%	0.00%	165	141	165	164.75454	Achieved		10
1372.211 1387.211 184.94433 183.78249 100 0.00% 0.00% 115 141 155 116.92237 Animed 117 1372.211 13387.211 184.8339 183.79373 100 0.00% 0.00% 155 141 155 164.6349 Animed 117 1372.211 13387.211 184.7007 183.7003 185.7003 100 0.00% 0.00% 165 141 155 164.14661 Animed 117 117 118.337.211 184.3907 185.7907 100 0.00% 0.00% 165 141 165 164.14661 Animed 118 1185 118 118 118 118 118 118 118 118 118 118 118 118 118 118 118 118 118 118 118 118 118 118 118 118 118 118 118 118 118 118 118 118 118 118 118 118 118 118 118 118 118 118 118															10
1372.211 138.7007 18.7007 18.7007 100 0.0% 0.0% 155 141 155 144.4451 Achieved 165 13702.211 13337.211 184.5007 185.59607 100 0.0% 0.0% 165 141 165 163.27218 Achieved 165 1369.211 13337.211 184.40017 185.58471 100 0.0% 0.0% 165 141 165 162.02718 Achieved 165 1369.211 1337.211 184.40017 155.8224 100 0.0% 0.0% 165 141 165 166.4835 Achieved 165 1369.211 1347.211 184.40017 155.8224 100 0.0% 0.0% 165 141 165 156.4835 Achieved 165 1367.211 184.40017 155.8204 135.8001 100 0.0% 0.0% 165 141 165 157.9238 Achieved 165 1362.211 1347.211 184.4373 135.8065 100 0.0% 0.0% 165 141 165 155.83	13732.211	13567.211	184.94413	185.78249	185.78249	100	0.00%	0.00%	165	141	165	164.92297	Achieved		10
13702.211 13837.211 184.5307.1 185.39607 185.39607 100 0.00% 0.00% 185 141 165 156.272.18 Animeed 13692.211 13372.211 184.40017 185.6224 185.2471 100 0.00% 0.00% 185 141 155 156.2471.8 Animeed 13692.211 13372.211 184.40017 185.6224 100 0.00% 0.00% 165 141 155 160.44853 Animeed 13672.211 1387.211 184.4013 185.6021 100 0.00% 0.00% 165 141 165 159.6283 Animeed 1362.211 1347.211 184.4313 185.8001 100 0.00% 0.00% 165 141 165 159.6382 Animeed 1362.214 1347.211 184.43713 185.8966 100 0.00% 0.00% 165 141 165 156.6832 Animeed 1362.214 1347.214 184.43713 185.8966 100 0.00% 0.00% 165 141 165 156.4832 Animeed 1362.214 1347.214 184.83713 185.1857 100 0.00% 165 144 165 156.4832 Ani	13712.211	13547.211	184.70807	185.70059	185.70059	100	0.00%	0.00%	165	141	165	164.14661	Achieved		10
13862.211 1337.211 184.40017 135.8224 100 0.0% 0.0% 135 141 155 160.84833 Animed 13872.211 1384.0017 138.40017 135.8224 100 0.0% 0.0% 155 141 155 159.16383 Animed 13872.211 1384.0017 138.5224 139.8033 100 0.0% 0.0% 155 141 155 159.16383 Animed 1362.211 13497.211 184.4233 139.8033 100 0.0% 0.0% 165 141 165 137.3238 Animed 1362.211 13497.211 184.4337.9 139.8666 100 0.0% 0.0% 165 141 165 136.8322 Animed 13642.211 1347.7211 184.537.9 138.6566 100 0.0% 0.0% 143 145 136.8322 Animed 13642.211 13447.211 184.537.9 184.1577 100 0.0% 0.0% 144 155 154.400	13702.211	13537.211	184.55071	185.59607	185.59607	100	0.00%	0.00%	165	141	165	163.27218	Achieved		10
13662_211 13487_211 184.48235 133.8005 100 0.00% 0.00% 155 141 157 137.92388 Animed 13652_211 13487_211 184.3713 133.80666 100 0.00% 0.00% 165 141 155 156.8332 Animed 13642_211 13477_211 184.5726 186.13567 100 0.00% 165 141 155 156.4332 Animed	13682.211	13517.211	184.40017	185.6224	185.6224	100	0.00%	0.00%	165	141	165	160.64895	Achieved		10
13552.211 13487.211 184.33719 183.98665 100 0.00% 165 141 155 136.9832 Achieved 13642.211 13477.211 184.6726 186.13567 100 0.00% 0.00% 165 141 155 136.47991 Achieved 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>10</td></t<>															10
	13652.211	13487.211	184.53719	185.98666	185.98666	100	0.00%	0.00%	165	141	165	156.9832	Achieved		10
															10

B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B	Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous	Average Grade	Sight Distance	Sight Distance	Sight Distance	Sight Distance Along	Sight Line Status	Obstruction	SSD Speed Achieved
								-					-		EDD 2sec RT (km/h) 100
	13612.211	13447.211	185.23249	186.46078	186.46078	100	0.00%	0.00%	165	141	165	158.13957	Achieved		100
															100
	13582.211	13417.211	185.85049			100				141		160.47821	Achieved		100
														Vertical alignment	100
	13552.211	13412.211	186.03662	186.2254	186.2254	100			165	141	140	137.61202	Not Achieved	Vertical alignment	90
															90
												106.39382	Not Achieved		80
						100			165		100				80
															80
															80
															70
	13442.211	13277.211	186.78584	183.36568	183.36568	100	0.00%	0.00%	165	141	163	165.01653	Achieved	verbearangiment	100
															100
00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000 <th< td=""><td>13412.211</td><td>13247.211</td><td>186.5254</td><td>183.01288</td><td>183.01288</td><td>100</td><td>0.00%</td><td>0.00%</td><td>165</td><td>141</td><td>163</td><td>163.5492</td><td>Achieved</td><td></td><td>100</td></th<>	13412.211	13247.211	186.5254	183.01288	183.01288	100	0.00%	0.00%	165	141	163	163.5492	Achieved		100
····································															100
	13382.211	13217.211	185.49266	182.24734	182.24734	100	0.00%	0.00%	165	141	165	159.15262	Achieved		100
															100
	13352.211	13187.211	183.86046	180.86667	180.86667	100	0.00%	0.00%	165	141	165	154.42298	Achieved		100
															100
	13322.211	13157.211	183.32563	179.59667	179.59667	100	0.00%	0.00%	165	141	165	153.11016	Achieved		100
Desc Desc <thdesc< th=""> Desc Desc <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>100</td></th<></thdesc<>															100
	13292.211	13127.211	183.61534	178.68337	178.68337	100	0.00%	0.00%	165	141	165	156.01181	Achieved		100
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BADDA BADDA <t< td=""><td>13262.211</td><td>13097.211</td><td>183.54178</td><td>178.23548</td><td>178.23548</td><td>100</td><td>0.00%</td><td>0.00%</td><td>165</td><td>141</td><td>165</td><td>161.33999</td><td>Achieved</td><td></td><td>100</td></t<>	13262.211	13097.211	183.54178	178.23548	178.23548	100	0.00%	0.00%	165	141	165	161.33999	Achieved		100
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JusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJusteJuste <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>100</td></th<>															100
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BABEABABEABABEABABEAControlControlBABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEABABEA <td></td> <td>100</td>															100
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1232.211 1244.211 172.8807 172.8807 172.8807 100 0.005 0.005 141 165 163.9703 Achineed 1 1232.211 12407.211 172.8807 172.8807 172.8807 100 0.005 0.005 155 141 155 164.9835 Achineed 1 1232.211 12387.211 172.68167 173.1899 173.1899 100 0.005 0.005 165 141 155 164.9835 Achineed 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1															100
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1232.211 122.624.7 172.62497 173.8299 100 0.00% 105 144 165 164.72442 Achieved 174.2494 1232.211 1237.211 172.6545 173.33974 100 0.00% 0.00% 155 141 155 164.37244 Achieved 174.34974 1232.211 1237.211 172.6545 173.33974 100 0.00% 0.00% 155 141 155 1163.0134 Achieved 174.34974 1232.212 12337.211 172.5955 173.6959 173.6959 0.00% 0.00% 155 144 155 155.0139 Achieved 174.24977 1232.212 1232.7211 172.2576 173.6974 173.6974 100 0.00% 0.00% 165 144 165 165.0139 Achieved 1142.211 11237.211 172.4577 173.5877 173.5877 100 0.00% 0.00% 165 144 165 165.0132 Achieved 124.211 1237.211 174.4577 173.5877 100 0.00% 0.00% 165 144 165 165.0132															100
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12322.21 12337.211 172.59778 173.69315 173.69315 100 0.00% 105 141 155 145.0119 Achieved 12321.211 12337.211 172.5365 173.6939 173.6939 100 0.00% 0.00% 165 141 165 165.0119 Achieved 12302.211 12337.211 172.23565 173.6893 173.6897 100 0.00% 0.00% 165 141 165 165.0119 Achieved 12402.211 12337.211 172.2358 173.6897 173.58972 100 0.00% 0.00% 165 141 165 165.0114 Achieved 12402.211 12337.211 172.4397 173.53867 100 0.00% 0.00% 165 141 165 165.0114 Achieved 1242.211 1237.211 172.43978 173.5386 100 0.00% 0.00% 165 141 165 165.0112 Achieved 1242.211 1227.211 172.43928 173.48424 100 0.00% 0.00% 165 141															100
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12482.211 12287.211 172.4997 173.38472 100 0.00% 0.00% 165 141 165 165.01348 Achived 12482.211 12387.211 172.43978 173.38472 0.00% 0.00% 165 141 165 150.01348 Achived 12482.211 12387.211 172.43286 173.48426 100 0.00% 0.00% 165 141 165 150.0131 Achived 12462.211 12287.211 172.46802 173.4447 100 0.00% 0.00% 165 141 165 150.0131 Achived 12452.211 12287.211 172.46802 173.4047 100 0.00% 0.00% 165 141 165 160.0131 Achived 12452.211 12287.211 172.46802 173.4047 100 0.00% 0.00% 165 141 165 165.0111 Achived 12452.211 12287.211 172.49342 173.4037 100 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>100</td></t<>															100
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12432 211 12267.211 172.71077 173.36374 173.36374 100 0.00% 0.00% 165 141 165 165.01347 Achieved															100
12422.211 12257.211 172.87495 173.33872 173.33872 100 0.00% 0.00% 165 141 165 165.01657 Achieved	12432.211	12267.211	172.71077	173.36374	173.36374			0.00%		141	165	165.01547	Achieved		100

	sition Ob	Dbject Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous Grade	Average Grade	Sight Distance Required	Sight Distance Relaxed	Sight Distance Achieved	Sight Distance Along Sight Line Achieved	Sight Line Status	Obstruction	SSD Speed Achieve EDD 2sec RT (km/h
							0.00%		165	141	165	165.01658			1
															1
	382.211	12217.211	173.54921	173.15207	173.15207	100	0.00%	0.00%	165	141	163	165.01714	Achieved		1
															1
	352.211	12187.211	174.00417	172.79379	172.79379	100	0.00%	0.00%	165	141	165	165.00523	Achieved		1
															1
	322.211	12157.211	173.86172	171.98903	171.98903	100	0.00%	0.00%	165	141	165	165.00527	Achieved		1
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															1
	262.211		173.65225	170.26376	170.26376	100	0.00%	0.00%	165	141	163	165.00279	Achieved		1
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	232.211	12067.211	173.53446	169.62678	169.62678	100	0.00%	0.00%	165	141	163	165.00276	Achieved		1
															1
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	112.211	11947.211	170.94462	168.92364	168.92364	100	0.00%	0.00%	165	141	165	164.99481	Achieved		1
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BB261BB273BB273BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB274BB2744BB274BB2744BB2744BB2744BB2744BB2744BB2744BB2744BB2744BB2744BB2744BB2744BB2744BB2744BB2744BB2744BB2744BB2744BB2744BB2744BB2744BB2744BB2744BB2744BB2744BB															1
BUBLBUB10BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB20BUB200BUB20BUB200BUB200BUB200BUB200BUB200BUB200BUB200BUB200BUB200BUB200BUB200BUB200BUB200BUB200BUB200BUB200BUB200BUB200BUB200BUB200BUB200BUB200BUB200BUB200BUB200BUB200BUB200BUB200BUB200BUB200BUB200BUB200BUB200BUB200 </td <td>052.211</td> <td>11887.211</td> <td>169.73956</td> <td>169.22834</td> <td>169.22834</td> <td>100</td> <td>0.00%</td> <td>0.00%</td> <td>165</td> <td>141</td> <td>165</td> <td>164.99228</td> <td>Achieved</td> <td></td> <td>1</td>	052.211	11887.211	169.73956	169.22834	169.22834	100	0.00%	0.00%	165	141	165	164.99228	Achieved		1
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11402.211 1147.211 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721 147.2721												164.99721	Achieved		1
111122211 11472211 147231 1492312 140 0.00h 0.00h 150 144 145 1449722 Aniened 11152211 11497211 1654776 11523241 1197211 1654726 161324241 1197211 1654727 Aniened 1 11152211 11197211 1654727 1523287 1523287 100 0.00h 100 141 155 144 155 14459724 Aniened 1 11322211 11197211 16546727 1523287 100 0.00h 155 141 155 1459724 Aniened 1 151 1549724 Aniened 1 1532211 11317211 1543287 1533715 100 0.00h 155 141 155 1643283 Aniened 1 155 1643 156 16432384 Aniened 1 155 1643 156 16432334 Aniened 1 156 16432334 Aniened 1 156 16432334 Aniened	602.211	11437.211	167.30699	165.29764	165.29764	100	0.00%	0.00%	165	141	165	164.99721	Achieved		1
111272.211 11467211 156.8772 143.189721 166.8772 Abliered 11252.214 11317211 166.8772 182.3807 152.2401 0.00% 0.00% 165 144 165 164.9772 Abliered 11252.214 11317211 166.8772 182.3887 153.2892 100 0.00% 0.00% 165 144 165 164.9772 Abliered 11322.214 11317211 166.4627 163.3884 153.4828 100 0.00% 100 144 165 164.9772 Abliered 11322.214 11317211 166.4427 165.3793 155.7913 100 0.00% 100 144 165 164.3297 Abliered 163.231 Abliered 164.3251 Abliered 164.3257 Abliered 163.3267 Abliered 163.3267 Abliered 163.3267 Abliered 163															1
11322.111 11387.211 145.7722 145.3807 140 0.005 0.005 185 144 185 144.9723 Animed 11322.111 11387.211 156.5727 152.3821 100 0.005 0.005 150 141 155 154.9724 Animed - 1 11322.111 11387.211 156.5422 153.3411 100 0.005 0.005 155 141 155 164.9972 Animed - 1 11322.111 11387.211 156.3403 155.7735 160 0.005 0.005 165 141 155 146.9321 Animed - 1 146.2311 Animed - 1 146.2311 Animed - 1 146.2311 Animed - 1 146.2311 Animed - 1 146.3314 Animed - 1 146.3314 Animed - 1 146.3314 Animed - 1 146.2311 Animed - 1 146.	572.211	11407.211	166.97758	165.18088	165.18088	100	0.00%	0.00%	165	141	165	164.99722	Achieved		1
11342.11 11377.11 165 67267 163.2882 100 0.005 0.005 141 153 164.9724 Anived 11322.11 11377.11 165 64437 163.4823 153.4823 100 0.005 0.005 153 141 155 164.9907 Anived 1 11322.11 11377.11 165.4837 153.4223 153.7043 165 141 155 164.9977 Anived 1 11302.11 11307.11 166.0817 165.9778 165.9771 165.9771 165.9771 165.9771 165.9771 165.9771 165.9771 165.9771 165.9771 165.9771 165.9771 165.9771 165.9771 165.9771 165.9771 165.9771 165.9771 167.9775 100 0.005 165 141 155 145.3376 Anived 1142 11422.11 11277.11 155.8672 167.9338 100 0.005 155 141 155 163.9433 Anived 1142 1142.9711 155.973 167.9															1
11322.213 11372.213 11367.214 165.4428 150.4026 100 0.005 0.005 155 144 155 164.9907 Achived 11322.213 11372.211 166.3005 165.9715 155.9715 100 0.005 0.005 165 144 155 164.9233 Achived 1 11422.211 11372.211 165.0207 165.3007 163.3007 163.3007 160.005 0.005 165 144 165 164.3237 Achived 1 11422.211 11307.211 165.0801 166.4307 100 0.005 0.005 155 144 165 164.3247 Achived 1 11422.211 11207.211 165.0801 167.03386 100 0.005 0.005 144 165 164.3397 Achived 1 1 164.3397 Achived 1 145 165.3421 Achived 1 1 163.3421 Achived 1 1 164.3397 Achived 1 1	542.211	11377.211	166.67267	165.28982	165.28982	100	0.00%	0.00%	165	141	165	164.99724	Achieved		1
11322.211 11347.211 166.3003 163.7043 100 0.005 0.005 141 153 164.867 Achived 11302.211 11337.211 166.2207 165.7326 165.7325 100 0.005 0.005 141 165 164.8313 Achived 1 11482.211 11337.211 165.8977 165.8027 100 0.005 0.005 155 141 165 164.3376 Achived 1 11482.211 11377.211 165.8587 165.65812 160 0.005 0.005 165 141 165 164.3376 Achived 1 11442.211 11277.111 165.85812 167.7073 167.7073 167.7073 167.7073 167.7073 167.7073 167.7073 167.7073 167.7073 167.7073 167.7073 167.7073 167.7073 167.7073 167.7073 167.7073 167.7073 167.7073 167.7073 167.7073 167.7073 167.7073 167.7073 167.7073 168.270 168.270 168															1
11442.211 1127.211 156.393 165.397.4 100 0.005 0.005 155 144 155 156.393 Achived 1 11442.211 1137.211 155.3977 165.3927 100 0.005 0.005 155 144 155 154.3376 Achived 1 11452.213 1137.211 155.3983 157.0153 100 0.005 0.005 155 144 155 164.3376 Achived 1 11452.211 1127.211 155.58807 147.3356 147.3356 100 0.005 0.005 144 145 163.3021 Achived 1 1142.211 1127.211 155.515 167.7033 167.7033 167.7033 167.7033 167.7033 167.7033 168.2730 100 0.005 144 155 163.3021 Achived 1 1142.211 1127.211 155.510 167.9233 167.9239 100 0.005 145 144 155 163.26267 Achived	512.211	11347.211	166.33019	165.57043	165.57043	100	0.00%	0.00%	165	141	163	164.9667	Achieved		1
11442.213 1137.214 1853.9874 165.3027 100 0.005 0.005 155 141 155 164.7274 Anived 11472.213 1137.211 185.3027 165.3027 165.3027 165.3027 165.3027 165.3027 165.3027 165.3027 165.3027 165.3027 165.3027 165.3027 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 167.3026 1															1
11442.211 11277.211 1857.0533 187.01633 190 0.00% 0.00% 155 141 155 164.2243 Achived 11442.211 11277.211 185.28807 187.3836 167.38356 100 0.00% 0.00% 165 141 165 183.9913 Achived 1 11442.211 11277.111 165.5291 167.7073 100 0.00% 0.00% 185 144 165 183.9913 Achived 1 11442.211 11277.111 165.5071 167.9833 100 0.00% 0.00% 155 144 155 163.0833 Achived 1 11442.211 11277.111 165.3061 160.00% 0.00% 155 144 155 162.23274 Achived 1 11442.211 11227.211 158.9824 168.43705 168.43705 0.00% 0.00% 155 144 155 162.23274 Achived 1 133.231 1127.211 155.9242 Achived 1	482.211	11317.211	165.98074	166.30207	166.30207	100	0.00%	0.00%	165	141	163	164.72747	Achieved		1
11432.211 11237.211 185 5807 167.3336 167.3336 100 0.00% 0.00% 155 141 155 163.3431 Achieved 11442.211 1127.211 185.5272 187.7933 100 0.00% 0.00% 155 141 155 163.3832 Achieved 1 11422.211 1127.211 185.5272 187.7933 100 0.00% 0.00% 155 141 155 163.0832 Achieved 1 11422.211 11267.211 185.3021 168.2770 100 0.00% 0.00% 155 141 155 162.6527 Achieved 1 11422.111 11267.211 165.4516 168.4700 100 0.00% 0.00% 155 141 152.2009 Achieved 1 1352.211 122.7211 165.2306 168.4700 0.00% 0.00% 141 155 163.9729 Achieved 1 1352.211 1127.711 155.2398 168.27995 100 0.00% 0.00%															1
1142.213 11267.214 152.572 167.9839 167.9839 100 0.005 0.005 155 141 155 163.0832 Achieved 1142.213 1127.211 165.2011 162.2373 168.2305 100 0.005 0.005 155 141 155 152.3257 Achieved 1 1142.211 1127.211 165.48101 168.43705 168.43705 100 0.005 0.005 165 141 165 152.3277 Achieved 1 11392.111 1127.711 165.54820 168.6306 100 0.005 0.005 141 165 162.3097 Achieved 1 11392.111 1127.711 165.5398 169.4001 100 0.005 0.005 144 165 162.3728 Achieved 11392.111 1127.711 165.5398 169.5398 100 0.005 165 144 165 162.3729 Achieved 11392.11 11177.11 165.53989 169.539781 100	452.211	11287.211	165.68807	167.38586	167.38586	100	0.00%	0.00%	165	141	163	163.94518	Achieved		1
1142221 1127721 1953001 1182273 182273 100 0.00% 0.00% 155 141 155 152657 Achived 1142221 1127721 1553001 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705 16843705															1
11422211 11247211 19524854 19544854 19544874 19544874 19524374 Achived 11442211 11227211 15532321 16582306 100 0.005 0.005 155 141 155 1523274 Achived 11382211 11227211 15532322 16582306 100 0.005 0.005 155 141 155 15194844 Achived 1 1137211 15532322 1688201 100 0.005 0.005 155 141 155 15194844 Achived 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	422.211	11257.211	165.51011	168.2279	168.2279	100	0.00%	0.00%	165	141	165	162.66267	Achieved		1
11332.213 11227.211 155.2322 18.8.121 100 0.00% 0.00% 155 141 155 15.9.846 Achieved 11332.213 1127.211 165.3255 169.001 100 0.00% 0.00% 155 141 155 151.9.846 Achieved 11372.211 1127.211 165.3084 169.3796 169.3796 100 0.00% 0.00% 155 141 155 162.07918 Achieved 11352.111 11197.211 165.7003 169.3186 169.3186 100 0.00% 0.00% 155 141 155 162.20084 Achieved 11352.211 11197.211 165.5325 170.4702 100 0.00% 0.00% 155 141 155 162.20084 Achieved 11332.211 11157.211 165.5325 170.7773 100 0.00% 0.00% 155 141 155 163.43744 Achieved 11332.211 11137.211<															1
11382.211 1127.211 185.3328 186.4001 100 0.00% 0.00% 155 141 155 161.97728 Aniverd 11372.211 1157.211 155.2398 165.27996 100 0.00% 0.00% 155 141 155 152.2798 Aniverd 11372.211 1157.211 155.7985 158.3188 100 0.00% 0.00% 155 141 155 152.27084 Aniverd 11332.211 11177.211 155.7928 158.30791 100 0.00% 0.00% 155 141 155 152.27084 Aniverd 11332.211 11177.211 155.7928 170.4772 100 0.00% 0.00% 155 141 155 158.3284 Aniverd 1132.211 11117.211 165.4734 Aniverd 141 155 158.3744 Aniverd 141 155 158.3744 Aniverd 141.	392.211	11227.211	165.52322	168.8121	168.8121	100	0.00%	0.00%	165	141	165	161.98446	Achieved		1
11382.211 11187.211 1857.7015 168.3188 100 0.00% 0.00% 155 141 155 152.2904 Achieved 11382.211 11187.211 185.7825 170.14702 100 0.00% 0.00% 155 141 165 152.2904 Achieved 163.2213 11372.211 1187.2213 165.7925 170.14702 100 0.00% 0.00% 155 141 165 154.0023 Achieved 163.023 163.023 Achieved 163.023 163.023 163.023 163.023 163.023 163.023 163.023 163.023 163.023 163.023 163.023 163.023 163.023 163.023 163.023 163.023 163.023 163.023 163.0						100						161.97729	Achieved		1
11332.211 1137.211 153.782.8 168.80781 100 0.00% 0.00% 155 141 155 152.6003 Achieved 11332.211 1117.211 165.9259 170.14702 100 0.00% 0.00% 155 141 155 151.0003 Achieved 11332.211 11157.211 165.61344 170.477 100 0.00% 0.00% 155 141 155 163.42636 Achieved 11332.211 11157.211 165.4423 170.4773 100 0.00% 0.00% 155 141 155 163.42636 Achieved 11332.211 11157.211 165.7774 170.07733 100 0.00% 0.00% 155 141 155 164.9264 Achieved 11332.211 11137.211 165.7774 170.0732 100 0.00% 0.00% 155 141 155 164.9242 Achieved 11322.211 11137.211 167.93641 177.32						100	0.00%	0.00%		141	165	162.29084	Achieved		1
11332.211 11157.211 1555.153.44 170.477 170.477 100 0.00% 0.00% 155 141 155 153.4265 Achieved 11322.211 11117.211 156.44235 170.77723 170.07733 100 0.00% 0.00% 165 141 165 163.83744 Achieved 163.83744 Achieved 11312.211 11147.211 166.77743 171.07385 171.07385 100 0.00% 0.00% 165 141 165 164.8916 Achieved 11302.211 11137.211 167.7385 171.38211 100 0.00% 0.00% 155 141 155 164.8907 Achieved 11322.211 11137.211 167.7383 171.2024 0.00% 0.00% 155 141 155 164.8942 Achieved 11282.211 11117.211 157.8543 172.0235 172.0235 100 0.00% 0.00% 155 141 155 164.8348 Achieved 1127.211 1107.211 156.3131 172.23555 172.0235						100				141	165	162.61003			1
11322.213 11137.211 165 44235 170.7723 100 0.00% 0.00% 155 141 155 154.3744 Achieved 11322.213 11147.211 166 7744 174.07335 100 0.00% 155 141 155 154.3744 Achieved 1130.213 11147.211 166 7744 Achieved 1130.213 1117.213 157.3851 177.0735 100 0.00% 155 141 155 164.4807 Achieved 1122.213 11107.213 157.38211 177.38211 100 0.00% 0.00% 155 141 155 164.4807 Achieved 1122.213 11107.213 157.7024 100 0.00% 0.00% 155 141 155 164.4807 Achieved 112.22.213 11107.113 157.7024 177.0235 100 0.00% 0.00% 155 141 155 164.4807 Achieved 112.22.213 11107.113 157.234565 172.34566 100 0.00% 0.00% 155 141 155 16								0.00%	165						1
11302.211 1137.211 157.13661 17.1322.11 100 0.00% 0.00% 155 141 155 156.4807 Achieved 11329.211 11117.211 157.70284 17.70224 100 0.00% 155 141 155 154.4807 Achieved 1122.211 11117.211 157.70224 100 0.00% 155 141 155 154.4807 Achieved 1122.211 11107.211 167.8343 172.0335 100 0.00% 0.00% 155 144 155 154.4807 Achieved 1127.211 11107.211 168.3313 172.38696 100 0.00% 0.00% 155 141 155 164.33262 Achieved 11262.211 1107.211 168.4084 172.7773 172.38696 0.00% 0.00% 155 141 155 164.43252 Achieved 11262.211 1107.211 168.4084 172.7773 172.7773 100 0.00% 155 141 155 164.5739 Achieved 11262.211 154.411 <						100									1
11292.211 11127.211 167.30381 171.70224 171.70224 100 0.00% 0.00% 165 141 165 164.88842 Achieved 11282.211 11117.211 167.730381 171.70224 100 0.00% 0.00% 165 141 165 164.88842 Achieved 11272.211 11107.211 167.73346 172.0335 100 0.00% 0.00% 165 144 165 164.39362 Achieved 11222.211 1107.211 168.13131 172.38696 172.7373 100 0.00% 0.00% 165 144 165 164.39362 Achieved 1126.211 11262.211 1109.711 164.046 172.7373 100 0.00% 0.00% 155 144 155 164.9759 Achieved			167.13661	171.38211	171.38211	100	0.00%	0.00%	165	141	165	164.4807	Achieved		1
11272.211 11107.211 168.15131 172.38696 172.38696 100 0.00% 165 141 165 164.9252 Achieved 11262.211 11097.211 168.4084 172.77173 100 0.00% 0.00% 165 141 165 164.9759 Achieved						100			165	141	165	164.68842	Achieved		1
11262.211 11097.211 168.4084 172.77173 172.77173 100 0.00% 0.00% 165 141 165 164.9739 Achieved	272.211		168.15131		172.38696	100	0.00%	0.00%	165	141	165	164.92562	Achieved		1
															1
11242_211 11077_211 168.83394 173.4871 173.4871 100 0.00% 0.00% 165 141 165 165.00722 Achieved			168.83394	173.4871	173.4871	100	0.00%	0.00%	165	141	165	165.00722	Achieved		1
11232.211 11067.211 169.0153 173.80137 100 0.00% 165 141 165 165.00713 Achieved 11222.211 1107.211 169.22297 174.09964 100 0.00% 165 141 165 165.00703 Achieved					173.80137	100	0.00%	0.00%	165	141	163	165.00713	Achieved		1
11222211 11077211 16922297 17409964 17409964 100 0.00% 0.00% 153 141 153 153.00% Achieved 11222211 11077211 1594250 174.41422 174.4122 100 0.00% 0.00% 155 144 155 153.00% Achieved 1															1

	auto					Instantaneous		Sight Distance	Sight Distance	Sight Distance	Sight Distance Along		-	SSD Speed Achieved
Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Grade	Average Grade	Required	Relaxed	Achieved	Sight Line Achieved	Sight Line Status	Obstruction	EDD 2sec RT (km/h)
11202.211 11192.211	11037.211 11027.211	169.69551 169.95283	174.74452 175.0645	174.74452 175.0645	100	0.00%	0.00%	163	141 141	165	165.00693	Achieved		10
11182.211 11172.211	11017.211 11007.211	170.27569	175.39245 175.70758	175.39245 175.70758	100	0.00%	0.00%	165	141	165	165.00687			10
11162 211 11152 211	10997.211		176.06325	176.06325	100	0.00%	0.00%	165	141	165	165.00687			10
11142 211 11132 211	10977.211	171.52505	176.83247	176.83247	100	0.00%	0.00%	163	141		165.01517	Achieved		10
11122 211	10967.211 10957.211	172.16214	177.22673 177.60875	177.22673 177.60875	100	0.00%	0.00%	165	141	165		Achieved		10
11112 211 11102 211	10947.211 10937.211		178.00028 178.38377	178.00028 178.38377	100	0.00%	0.00%	165	141		165.0499	Achieved Achieved		10
11092.211 11082.211	10927.211	173.26503 173.62138	178.7272 179.02307	178.7272 179.02307	100	0.00%	0.00%	163 163	141		165.11362 165.11494			10
11072.211	10907.211	173.9458	179.29375	179.29375	100	0.00%	0.00%	165	141	165	165.08688	Achieved		10
11062.211	10897.211	174.25186 174.55502	179.53254 179.74471	179.53254 179.74471	100	0.00% 0.00%	0.00%	165	141					10
11042.211	10877.211 10867.211		179.91511 180.03146	179.91511 180.03146	100	0.00%	0.00%	165	141		164.76708 164.59489			10
11022.211 11012.211	10857.211	175.52849	180.06306	180.06306	100	0.00%	0.00%	165	141	165	164.43891 164.3061			10
11002 211	10842.211	176.18552	180.03798	180.03798	100	0.00%	0.00%	165	141	160	159.29839	Relaxed	Vertical alignment	10
10992.211	10836.211 10828.211		180.00742 179.93256	180.00742 179.93256	100	0.00%	0.00%	165	141 141		155.30114		Vertical alignment Vertical alignment	10
10972.211	10818.211 10806.211	177.33023	179.82569 179.63743	179.82569	100	0.00%	0.00%	163	141	154	153.30987 155.33479		Vertical alignment Vertical alignment	10
10952.211	10798.211	178.10294	179.48879	179.48879	100	0.00%	0.00%	163	141	154	153.45816	Relaxed	Vertical alignment	10
10942.211 10932.211	10790.211 10778.211	178.49409 178.86513	179.3248 179.11787	179.3248 179.11787	100	0.00%	0.00%	165	141	152	151.60842		Vertical alignment Vertical alignment	10
10922.211 10912.211	10764.211		178.8753 178.49895	178.8753 178.49895	100	0.00%	0.00%	163	141	158	157.62465		Vertical alignment	10
10902.211	10737.211		178.32178	178.32178 178.12975	100	0.00%	0.00%	165	141	165	164.42097 164.40761	Achieved		10
10882.211	10717.211	180.13885	177.89131	177.89131	100	0.00%	0.00%	165	141	165	164.38485	Achieved		10
10872.211 10862.211	10707.211 10697.211	180.2821 180.35969	177.64548 177.32676	177.64548 177.32676	100	0.00%	0.00%	163	141	165				10
10852.211 10842.211	10687.211	180.35332	176.92984 176.46967	176.92984 176.46967	100	0.00%	0.00%	165	141	165	164.54188	Achieved		10
10832.211	10667.211	180.27497	176.00295	176.00295	100	0.00%	0.00%	165	141	165	164.69139	Achieved		10
10822.211	10657.211 10647.211	180.16705 180.04436	175.54977 175.07919	175.54977 175.07919	100	0.00%	0.00%	163 163	141 141		164.75736 164.8034	Achieved Achieved		10
10802.211	10637.211	179.86392	174.61359 174.16802	174.61359 174.16802	100	0.00%	0.00%	163	141	165		Achieved		10
10782.211	10617.211	179.47539	173.74439	173.74439	100	0.00%	0.00%	165	141	165	164.71607	Achieved		10
10772.211	10507.211		173.39385 173.13013	173.39385 173.13013	100	0.00%	0.00%	165	141		164.64982			10
10752.211	10587.211		172.93325 172.78789	172.93325 172.78789	100	0.00%	0.00%	163 163	141					10
10732.211	10567.211	178.53387	172.71492	172.71492	100	0.00%	0.00%	165	141	165	164.63441	Achieved		10
10722.211	10557.211	178.30909	172.72923 172.83903	172.72923	100	0.00%	0.00%	165	141					10
10702.211	10537.211	177.79241	173.03946 173.36753	173.05946 173.36753	100	0.00%	0.00%	163	141		164.86991 164.93008			10
10682 211	10517.211	176.99953	173.76316	173.76316	100	0.00%	0.00%	165	141	165	164.97952	Achieved		10
10672.211	10507.211 10497.211	176.53272	174.26369	174.26369	100	0.00%	0.00%	165	141	165	165.00269			10
10652.211	10487.211 10477.211	175.61509	175.17964	175.17964	100	0.00%	0.00%	163 163	141 141		165.00361 165.00359			10
10632.211	10467.211	174.69131	175.64826	175.64826	100	0.00%	0.00%	165	141	165	165.00766	Achieved		10
10622.211	10457.211 10447.211	174.24778 173.85431	175.59271 175.46275	175.59271 175.46275	100	0.00%	0.00%	165	141	165				10
10602.211	10437.211		175.28277 175.26246	175.28277	100	0.00%	0.00%	163	141		165.03052 156.03123		Vertical alignment	10
10582.211	10440.211	173.14908	175.34216	175.34216	100	0.00%	0.00%	163	141	142	142.02859	Relaxed	Vertical alignment Vertical alignment	10
10572.211	10442.211		175.3791 175.41611	175.3791 175.41611	100	0.00%	0.00%	165	141			Not Achieved	Vertical alignment Vertical alignment	8
10552.211	10446.211		175.44731	175.44731	100	0.00%	0.00%	165	141			Not Achieved Not Achieved	Vertical alignment Vertical alignment	8
10532.211	10446.211	173.50439	175.44731	175.44731	100	0.00%	0.00%	165	141	86	86.02436	Not Achieved	Vertical alignment	7
10522.211	10444.211 10438.211		175.41611 175.30311	175.41611 175.30311	100	0.00%	0.00%	165 165	141 141	74	74.02851	Not Achieved Not Achieved	Vertical alignment Vertical alignment	6
10502.211	10422.211 10380.211		174.91205 173.80469	174.91205 173.80469	100	0.00%	0.00%	165	141 141			Not Achieved Not Achieved	Vertical alignment Vertical alignment	6
10482.211	10317.211 10307.211	175.65175	172.0427	172.0427	100	0.00%	0.00%	165	141	165	165.07575	Achieved		10
10462.211	10307.211	175.94134	171.31628	171.31628	100	0.00%	0.00%	165	141	165	165.08086	Achieved		10
10452.211	10287.211	175.82995	170.87044	170.87044 170.3531	100	0.00%	0.00%	163	141		165.08766			10
10432.211	10267.211	175.47046	169.82915	169.82915	100	0.00%	0.00%	165	141	165	165.09441	Achieved		10
10422.211 10412.211	10247.211	174.93069	169.24466 168.65681	168.65681	100	0.00%	0.00%	165	141 141	165	165.08129	Achieved		10
10402.211	10237.211		168.0803 167.34474		100	0.00%	0.00%	165	141		165.06573 165.04548			10
10382.211 10372.211	10217.211	174.16205	167.04421	167.04421	100	0.00%	0.00%	165	141	165	165.02202	Achieved		10
10362.211	10197.211	173.64854	166.13728	166.13728	100	0.00%	0.00%	165	141	165	164.96235	Achieved		10
10352.211	10187.211 10177.211		165.7555 165.36231	165.7555 165.36231	100	0.00%	0.00%	165	141					10
10332.211 10322.211		172.80023	164.98296	164.98296 164.61187	100	0.00%	0.00%	163	141	165	164.89595	Achieved		10
10312.211	10147.211	172.16262	164.28287	164.28287	100	0.00%	0.00%	165	141	165	164.93051	Achieved		1
10302.211 10292.211	10127.211	171.39786	163.68839	163.68839	100	0.00%	0.00%	163 163	141	165	164.98806	Achieved		10
10282.211				163.44302 163.22733	100	0.00%	0.00%	165	141					1
10262.211	10097.211	169.8437	163.00913	163.00913	100	0.00%	0.00%	165	141	165	164.99226	Achieved		10
10252.211 10242.211	10077.211	168.66561	162.57458	162.57458	100	0.00% 0.00%	0.00%	163 163		165	164.91776	Achieved		10
10232.211				162.35968 162.15963	100	0.00%	0.00%	165	141					10
10212.211	10047.211	167.09203	161.96122	161.96122	100	0.00%	0.00%	165	141	165	164.69084	Achieved		10
10202.211 10192.211	10037.211 10027.211		161.83821 161.73687	161.83821 161.73687	100	0.00%	0.00%	163	141	165				10
10182.211	10017.211 10008.211		161.65906 161.64843	161.65906 161.64843	100	0.00%	0.00%	165	141	165	164.56019	Achieved	BRIDGE	10
10162.211	9997.211	165.10005	161.62281	161.62281	100	0.00%	0.00%	165	141	165	164.56111	Achieved		10
10152.211 10142.211	9987.211 9977.211		161.55189	161.56757 161.55189	100	0.00% 0.00%	0.00%	165	141		164.60919	Achieved		10
10132.211	9967.211 9957.211	164.1356	161.55179	161.55179	100	0.00%	0.00%	165	141	165	164.65994	Achieved		10
10112 211	9947.211	163.63207	161.54713	161.54713	100	0.00%	0.00%	165	141	165	164.76867	Achieved		1
10102.211 10092.211	9937.211 9927.211		161.57443 161.59256	161.57443 161.59256	100	0.00% 0.00%	0.00%	165	141			Achieved Achieved		1
10082.211		162.9699	161.62611	161.62611	100	0.00%	0.00%	163	141	165	164.91069			10
10062.211	9897.211	162.55761	161.67198	161.67198	100	0.00%	0.00%	165	141	165	164.9675	Achieved		10
10052.211 10042.211			161.65791 161.67484	161.65791 161.67484	100	0.00%	0.00%	165	141					10
10032.211				161.69911 161.7273	100	0.00%	0.00%	165	141		164.99941	Achieved		10
10012.211	9847.211	161.94723	161.69588	161.69388	100	0.00%	0.00%	165	141	165	164.99946	Achieved		10
9992.211	9827.211	161.88741	161.70535	161.70535	100	0.00%	0.00%	165	141	165	164.98134	Achieved		1

Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous	Average Grade	Sight Distance	Sight Distance	Sight Distance	Sight Distance Along	Sight Line Status	Obstruction	SSD Speed Achieved
9982.211	9817.211	161.85521	161.70087	161.70087	100	Grade 0.00%	0.00%	Required 163	Relaxed 141	Achieved 165	Sight Line Achieved 164.94699	-		EDD 2sec RT (km/h) 100
9972.211 9962.211	9807.211	161.85712 161.84211	161.68837	161.68837	100	0.00%	0.00%	163	141	163	164.90309 164.84882			100
9952.211	9787.211	161.83852	161.69569	161.67452 161.69569	100	0.00%	0.00%	165	141	165		Achieved		100
9942.211 9932.211	9777.211 9767.211	161.86205	161.74282	161.74282 161.83356	100	0.00%	0.00%	165	141	165	164.69727 164.59097			100
9922.211	9757.211	161.90895	161.92407	161.92407	100	0.00%	0.00%	165	141	165	164.48616	Achieved		100
9912.211 9902.211	9747.211 9737.211	161.92855	161.99845 162.08465	161.99845 162.08465	100	0.00% 0.00%	0.00%	165	141	165	164.38186 164.2911	Achieved		100
9892.211 9882.211	9727.211 9717.211	161.97284	162.20458 162.36449	162.20458 162.36449	100	0.00%	0.00%	165	141		164.22741 164.19409			100
9872.211	9707.211	161.9897	162.53543	162.53543	100	0.00%	0.00%	165	141	165	164.18331	Achieved		100
9852.211	9697.211 9687.211	162.01967	162.73283	162.73283	100	0.00%	0.00%	165	141	165	164.19168			100
9842.211	9677.211	161.98981	163.04701	163.04701	100	0.00%	0.00%	165	141	165	164.27614	Achieved		100
9832.211 9822.211	9667.211 9657.211	162.00238	163.14221 163.28933	163.14221 163.28933	100	0.00%	0.00%	165	141		164.35996 164.46842			100
9812.211 9802.211	9647.211 9637.211	161.99347 161.98198	163.41081	163.41081 163.53602	100	0.00%	0.00%	165	141	165	164.57802 164.67475			100
9792.211	9627.211	161.98329	163.66247	163.66247	100	0.00%	0.00%	165	141	165	164.75774	Achieved		100
9782.211 9772.211	9617.211 9607.211	162.01694	163.82027 164.01295	163.82027 164.01295	100	0.00%	0.00%	165	141	165	164.82924			100
9762.211 9752.211	9597.211 9587.211	162.17315	164.17595 164.33735	164.17595 164.33735	100	0.00%	0.00%	165	141 141					100
9742.211	9577.211	162.34304	164.53232	164.53232	100	0.00%	0.00%	165	141		164.97052 164.99223			100
9732.211 9722.211	9567.211 9557.211	162.44084	164.77069 165.08178	164.77069 165.08178	100	0.00%	0.00%	165	141	165	165.00333			100
9712.211	9547.211	162.74601	165.43685	165.43685	100	0.00%	0.00%	165	141	165	165.00527	Achieved		100
9702.211 9692.211	9537.211 9527.211	162.94076 163.11493	165.84265	165.84265 166.3117	100	0.00%	0.00%	165	141	165	165.00021			100
9682.211	9517.211	163.28153	166.81394	166.81394	100	0.00%	0.00%	165	141	165	164.99914	Achieved		100
9672.211 9662.211	9507.211 9497.211	163.38749 163.52206	167.3441 167.89739	167.3441 167.89739	100	0.00%	0.00%	165	141	165	164.99913 164.99913			100
9652.211	9487.211	163.64839	168.41432	168.41432	100	0.00%	0.00%	165	141	165	164.99912	Achieved		100
9642.211 9632.211	9477.211 9467.211	163.77314 163.8988	168.87577 169.29405	168.87577 169.29405	100	0.00%	0.00%	165	141 141	165	164.99911 164.99911	Achieved		100
9622.211 9612.211	9457.211 9447.211	164.03154	169.71026 170.07064	169.71026 170.07064	100	0.00%	0.00%	165	141			Achieved		100
9602.211	9437.211	164.40066	170.35462	170.35462	100	0.00%	0.00%	165	141	165	165.00024	Achieved		100
9592.211 9582.211	9427.211 9417.211	164.5507 164.73441	170.53872	170.53872 170.69165	100	0.00%	0.00%	165	141		165.0014	Achieved Achieved		100
9572.211	9407.211	164.94271	170.83223	170.83223	100	0.00%	0.00%	165	141	165	165.00133	Achieved		100
9562.211 9552.211	9400.211 9400.211	165.21949	170.95083 170.95083	170.95083 170.95083	100	0.00%	0.00%	165	141 141	162	162.00132 152.00134		Vertical alignment Vertical alignment	100
9542.211 9532.211	9400.211 9398.211	165.93286 166.37235	170.95083 170.98329	170.95083 170.98329	100	0.00%	0.00%	163 163	141		142.00269		Vertical alignment Vertical alignment	100
9522.211	9392.211	166.86058	171.07716	171.07716	100	0.00%	0.00%	165	141	130	130.00747	Not Achieved	Vertical alignment	90
9512.211 9502.211	9382.211 9337.211	167.37448	171.21768	171.21768	100	0.00%	0.00%	165	141		130.00745	Not Achieved	Vertical alignment	90
9492.211	9327.211	168.45985	172.59036	172.59036	100	0.00%	0.00%	165	141	165	165.00643	Achieved		100
9482.211 9472.211	9317.211 9307.211	168.95211 169.38627	172.97205	172.97205	100	0.00%	0.00%	165	141	165	165.0065	Achieved Achieved		100
9462.211	9297.211	169.80574	173.81653	173.81653	100	0.00%	0.00%	165	141	165	163.00666			100
9452.211 9442.211	9287.211 9277.211	170.19791 170.52469	174.22637 174.58202	174.22637	100	0.00%	0.00%	165	141 141	165	165.00677			100
9432.211 9422.211	9267.211	170.75737 170.91788	174.91953 175.24781	174.91953 175.24781	100	0.00%	0.00%	165	141	165	164.99901 164.99901			100
9412.211	9247.211	171.06049	175.44465	175.44465	100	0.00%	0.00%	165	141	165	164.99901			100
9402.211 9392.211	9237.211 9227.211	171.21679	175.53192	175.53192	100	0.00%	0.00%	165	141	165	164.99901 164.99901			100
9382.211	9217.211	171.51768	175.61556	175.61556	100	0.00%	0.00%	165	141	165	164.99901	Achieved		100
9372.211 9362.211	9208.211 9210.211	171.67626	175.65631 175.64618	175.65631 175.64618	100	0.00%	0.00%	165	141	164	163.99901 151.99901		Vertical alignment Vertical alignment	100
9352.211 9342.211	9210.211 9208.211	172.10225	175.64618	175.64618	100	0.00%	0.00%	163 163	141	142	141.99902		Vertical alignment	100
9332.211	9206.211	172.7117	175.66694	175.66694	100	0.00%	0.00%	165	141	126		Not Achieved	Vertical alignment Vertical alignment	90
9322.211 9312.211	9200.211 9190.211	173.07203 173.48046	175.68818	175.68818 175.69474	100	0.00%	0.00%	163	141	122		Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
9302.211	9172.211	173.89672	175.69237	175.69237	100	0.00%	0.00%	165	141	130	130.00196	Not Achieved	Vertical alignment	90
9292.211 9282.211	9127.211 9117.211	174.32925	175.63382	175.63382	100	0.00%	0.00%	165	141	165				100
9272.211 9262.211	9107.211 9097.211	175.05174	175.61255	175.61255	100	0.00%	0.00%	163	141		164.99931 164.99931			100
9252.211	9087.211	175.66509	175.67149	175.67149	100	0.00%	0.00%	165	141	165	164.99951			100
9242.211 9232.211	9077.211 9067.211	175.79792	175.69073	175.69073	100	0.00%	0.00%	165	141	165	164.99931 164.99931			100
9222.211	9057.211	175.89378	175.61456	175.61436	100	0.00%	0.00%	165	141	165	164.9995	Achieved		100
9212.211 9202.211	9047.211 9037.211		175.46749 175.23391	175.46749 175.23391	100	0.00%	0.00%	165	141			Achieved Achieved		100
9192.211	9027.211	175.99255	174.90825	174.90825	100	0.00%	0.00%	165	141	165	164.9995	Achieved		100
9182.211 9172.211	9017.211 9016.211	176.01939 175.99237	174.30045 174.45502	174.30045 174.45502	100	0.00%	0.00%	163	141 141	156	164.99903 155.99753	Relaxed	Vertical alignment	100
9162.211 9152.211	9014.211 9014.211	175.95725	174.36345 174.36345	174.36345 174.36345	100	0.00%	0.00%	165	141	148	147.99604 137.99611	Relaxed Not Achieved	Vertical alignment Vertical alignment	100
9142.211	9012.211	175.95602	174.26877	174.26877	100	0.00%	0.00%	165	141	130	129.99718	Not Achieved	Vertical alignment	90
9132.211 9122.211	9010.211 9006.211	175.94341 175.92631	174.17306 174.00553	174.17306 174.00553	100	0.00%	0.00%	163	141	122		Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
9112.211 9102.211	9002.211 8996.211	175.91346 175.92952	173.82939 173.54393	173.82939 173.54393	100	0.00%	0.00%	163	141	110	110	Not Achieved	Vertical alignment	80
9092.211	8986.211	175.95712	173.06894	173.06894	100	0.00%	0.00%	165	141	106	106	Not Achieved	Vertical alignment Vertical alignment	80
9082.211 9072.211	8958.211 8907.211		171.77698	171.77698	100	0.00%	0.00%	165	141			Not Achieved Achieved	Vertical alignment	90
9062.211	8897.211	175.94561	169.11944	169.11944	100	0.00%	0.00%	165	141	165	165.00358	Achieved		100
9052.211 9042.211			168.81 168.56935	168.81 168.36935	100	0.00%	0.00%	165	141		165.00358			100
9032.211	8867.211	175.38308	168.31012	168.31012	100	0.00%	0.00%	165	141	165	165.0036	Achieved		100
9022.211 9012.211		174.56877		168.02857	100	0.00%	0.00%		141 141	165	165.00256	Achieved		100
9002.211	8837.211	174.12939	167.99214	167.99214	100	0.00%	0.00%	165	141	165	165.00032	Achieved		100
8992.211 8982.211	8827.211 8817.211	173.6557 173.16505	168.0618 168.21857	168.0618 168.21857	100	0.00%	0.00%	163	141 141	165	164.99529			100
8972.211 8962.211	8907.211 8797.211	172.67393 172.24504	168.40744 168.60172	168.40744 168.60172	100	0.00%	0.00%	163	141	165		Achieved		100
8952.211	8787.211	171.81593	168.83278	168.83278	100	0.00%	0.00%	165	141	165	164.98014	Achieved		100
8942.211 8932.211	8777.211 8767.211	171.35496 170.93077	169.04092 169.24879	169.04092 169.24879	100	0.00%	0.00%	165	141			Achieved Achieved		100
8922.211	8757.211	170.49378	169.39711	169.39711	100	0.00%	0.00%	165	141	165	164.98462	Achieved		100
8912.211 8902.211	8747.211 8737.211	170.04957 169.62499	169.43656 169.43702	169.43656 169.43702	100	0.00%	0.00%	165	141					100
8892.211	8727.211	169.24416	169.27668	169.27668	100	0.00%	0.00%	165	141	165	165.00057	Achieved		100
8882.211 8872.211	8717.211 8708.211	168.99517 168.73089	168.99373 168.68491	168.99373 168.68491	100	0.00% 0.00%	0.00%	163 163	141 141	164	164.00808		Vertical alignment	100
8862.211 8852.211	8710.211 8710.211	168.51769 168.37927	168.75942 168.75942	168.75942 168.75942	100	0.00%	0.00%	163 163	141 141	152	152.00833	Relaxed	Vertical alignment	100
8842.211	8712.211	168.29814	168.8281	168.8281	100	0.00%	0.00%	165	141	130	130.01172	Not Achieved	Vertical alignment Vertical alignment	90
8832.211 8822.211	8712.211 8710.211	168.313 168.43408	168.8281 168.75942	168.8281 168.75942	100	0.00%	0.00%	165	141			Not Achieved	Vertical alignment Vertical alignment	90
8812.211	8710.211	168.61022	168.75942	168.75942	100	0.00%	0.00%	165	141	102	102.01694	Not Achieved	Vertical alignment	80
8802.211 8792.211	8706.211 8702.211	168.80266 169.00994	168.60933 168.44492	168.60933 168.44492	100	0.00%	0.00%	165	141			Not Achieved Not Achieved	Vertical alignment Vertical alignment	70
8782.211				168.16832	100	0.00%	0.00%		141			Not Achieved	Vertical alignment	70

Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous	Average Grade	Sight Distance	Sight Distance	Sight Distance	Sight Distance Along	Sight Line Status	Obstruction	SSD Speed Achieved
8772.211		169.43912	167.65282	167.65282	100	Grade 0.00%	0.00%	Required 163	Relaxed 141	Achieved 86	Sight Line Achieved 86.02972	Not Achieved	Vertical alignment	EDD 2sec RT (km/h)
8762.21	1 8597.211	169.63874	166.01021	166.01021	100	0.00%	0.00%	165	141	163	165.01824	Achieved		10
8752.211		169.72172	166.13513 166.29432	166.13513 166.29432	100	0.00%	0.00%	165	141	165	165.01359			10
8732.211	1 8567.211	169.67252	166.49025	166.49025	100	0.00%	0.00%	165	141	165	165.00353	Achieved		10
8722.211		169.44508	166.67343 166.9107	166.67343 166.9107	100	0.00%	0.00%	165	141	165	164.99829			10
8702.211		168.74492	167.16309	167.16309	100	0.00%	0.00%	165	141	165	164.99281	Achieved		10
8692.211		168.259 167.7528	167.40341 167.68687	167.40341 167.68687	100	0.00%	0.00%	165	141	165	164.99291 164.99302			10
8672.21		167.2838	168.02314	168.02314	100	0.00%	0.00%	165	141	165	164.99706			10
8652.211		166.91266	168.48647 169.02907	168.48647 169.02907	100	0.00%	0.00%	165	141	165	165.00201			10
8642.211		166.4325	169.66712	169.66712	100	0.00%	0.00%	165	141	165	165.00201			10
8632.211		166.29175	170.38013 171.09909	170.38013 171.09909	100	0.00%	0.00%	165	141	165	165.00202 164.99974			10
8612.21		166.15904	171.71701	171.71701	100	0.00%	0.00%	165	141	165	164.99672			10
8602.211		166.24052 166.37066	172.19759	172.19759 172.52809	100	0.00%	0.00%	165	141	165	164.99364 164.98843			10
8582.211		166.5072 166.69363	172.78261 173.01393	172.78261 173.01393	100	0.00%	0.00%	165	141	163	164.98639 164.98616			10
8562.21		166.88091	173.24562	173.24562	100	0.00%	0.00%	165	141	165	164.98596	Achieved		10
8552.211		167.0797 167.34161	173.44954	173.44954 173.54451	100	0.00%	0.00%	165	141	163	164.98382	Achieved	Vertical alignment	10
8532.21	1 8386.211	167.58457	173.46827	173.46827	100	0.00%	0.00%	165	141	146	145.9859		Vertical alignment	10
8522.211		167.84032 168.14476	173.38953	173.38953	100	0.00%	0.00%	165	141	132		Not Achieved	Vertical alignment	9
8512.211		168.14476	173.31325 173.31325	173.31325 173.31325	100	0.00%	0.00%	165	141	118		Not Achieved Not Achieved	Vertical alignment Vertical alignment	8
8492.211		169.05199	173.35145	173.35145	100	0.00%	0.00%	165	141	100		Not Achieved	Vertical alignment	8
8482.211	1 8384.211 1 8356.211	169.63553 170.31902	173.50608 173.98623	173.50608 173.98623	100	0.00%	0.00%	165 165	141 141	98 116		Not Achieved Not Achieved	Vertical alignment Vertical alignment	7
8462.211	1 8306.211	171.04314	174.38995 174.43606	174.38993 174.43605	100	0.00%	0.00%	163 163	141 141	136	155.97252	Relaxed	Vertical alignment	10
8452.21		171.72595	174.43606	174.43605	100	0.00%	0.00%	165	141	165	164.97574 164.97907			10
8432.211		172.6778	174.49906 174.53616	174.49905 174.33616	100	0.00%	0.00%	163 163	141	165	164.98232			10
8422.211		172.96125	174.53616 174.6005	174.53616	100	0.00%	0.00%	165	141	165	164.98594			10
8402.211		173.43102 173.65145	174.64965 174.69614	174.64965 174.69614	100	0.00%	0.00%	163 163	141	165	164.98614 164.98638	Achieved		10
8392.21		173.84451	174.69614	174.59514	100	0.00%	0.00%	165	141 141	165	164.98658			10
8372.211	1 8207.211	174.03389 174.20592	174.78867 174.83979	174.78867 174.83979	100	0.00%	0.00%	165	141	165	164.99148 164.99949	Achieved		10
8352.21		174.20592	174.85979	174.85979	100	0.00%	0.00%	165	141	165	165.00292			10
8342.211	1 8177.211	174.41541	174.89034 174.94374	174.89034 174.94374	100	0.00%	0.00%	165	141	163	165.0029 165.00289	Achieved		10
8332.21		174.48243 174.56492	174.94374 174.99516	174.94374 174.99516	100	0.00%	0.00%	165	141	165	165.00289			10
8312.21		174.63325	175.0304	175.0304	100	0.00%	0.00%	165	141	165	165.00287			10
8302.211		174.7142 174.73078	175.08861 175.17002	175.08861 175.17002	100	0.00%	0.00%	165	141 141	165	165.00287			10
8282.211		174.74659	175.23698	175.23698	100	0.00%	0.00%	165	141	165	165.00286	Achieved		10
8272.211		174.78216	175.24027 175.23909	175.24027	100	0.00%	0.00%	165	141	165	165.00286	Achieved		10
8252.211	1 8087.211	174.87005	175.23356	175.23356	100	0.00%	0.00%	165	141	165	165.00774	Achieved		10
8242.21		174.9275	175.19591 175.19125	175.19591	100	0.00%	0.00%	165	141	165	165.01066			10
8222.21	1 8057.211	175.02441	175.15706	175.15706	100	0.00%	0.00%	165	141	165	165.01047	Achieved		10
8212.21		175.06676	175.08103	175.08103	100	0.00%	0.00%	165	141	165	165.01042			10
8192.211	1 8027.211	175.15152	174.69774	174.69774	100	0.00%	0.00%	165	141	165	165.00743	Achieved		10
8182.211		175.17842	174.29992	174.29992	100	0.00%	0.00%	165	141	165	165.0074		Vertical alignment	10
8162.211	1 8012.211	175.27177	174.04604	174.04604	100	0.00%	0.00%	165	141	150	150.00745	Relaxed	Vertical alignment	10
8152.21		175.31403	173.94651 173.94651	173.94651 173.94651	100	0.00%	0.00%	165	141	142	142.00748	Relaxed Not Achieved	Vertical alignment Vertical alignment	10
8132.21	1 8008.211	175.43127	173.81965	173.81965	100	0.00%	0.00%	165	141	124	124.00758	Not Achieved	Vertical alignment	9
8122.21		175.5091	173.68764	173.68764	100	0.00%	0.00%	165	141	116		Not Achieved Not Achieved	Vertical alignment Vertical alignment	8
8102.211	1 8002.211	175.53799	173.4113	173.4113	100	0.00%	0.00%	165	141	100	100.00782	Not Achieved	Vertical alignment	8
8092.211		175.54391 175.50727	173.27023 173.11029	173.27023	100	0.00%	0.00%	165	141	92		Not Achieved Not Achieved	Vertical alignment Vertical alignment	7
8072.21	1 7994.211	175.48966	172.79821	172.79821	100	0.00%	0.00%	165	141	78	78	Not Achieved	Vertical alignment	6
8052.211		175.48054	172.2852	172.2852	100	0.00%	0.00%	165	141	74		Not Achieved Not Achieved	Vertical alignment Vertical alignment	e
8042.211		175.31255	165.0443	165.0443	100	0.00%	0.00%	165	141	165	165.00938			10
8032.211	1 7867.211 1 7857.211	175.13897 174.81331	164.75108	164.75108 164.55051	100	0.00%	0.00%	165	141	165	165.00929			10
8012.211	1 7847.211	174.34604	164.45028	164.45028	100	0.00%	0.00%	165	141	165	165.00781	Achieved		10
8002.211			164.39586 164.35956	164.39586 164.35956	100	0.00%	0.00%	165	141		165.00708			10
7982.211	1 7817.211	172.04979	164.3485	164.3485	100	0.00%	0.00%	165	141	163	163.0065	Achieved		10
7972.211		171.18945 170.38746	164.35575 164.37211	164.35575 164.37211	100	0.00%	0.00%	165	141	165	165.00657			10
7952.21	1 7787.211	169.63081	164.36187	164.36187	100	0.00%	0.00%	165	141	165	165.00677	Achieved		10
7942.211		168.91132 168.21878	164.3392 164.25254	164.3392 164.25254	100	0.00%	0.00%	165	141	165	165.00689			10
7922.211		167.57431		164.0626	100	0.00%	0.00%		141		165.00209	Achieved		10
7912.211	1 7737.211	166.97766 166.42603	163.79622 163.5117	163.79622 163.5117	100	0.00%	0.00%	165	141	165	164.99708	Achieved Achieved		10
7892.211		165.94038	163.22837	163.22837	100	0.00%	0.00%		141	163	164.99709	Achieved		10
7882.211	1 7707.211		162.82913	162.99171 162.82913	100	0.00%	0.00%	165	141	165	164.99521			10
7862.211			162.74481 162.71429	162.74481 162.71429	100	0.00%	0.00%	165	141 141		164.99248 164.99016			10
7842.211	1 7677.211	164.72069	162.73535	162.73535	100	0.00%	0.00%	165	141	163	164.99028	Achieved		10
7832.211			162.80425 162.86863	162.80425 162.86863	100	0.00%	0.00%							10
7812.21	1 7647.211	164.64916	162.91161	162.91161	100	0.00%	0.00%	165	141	163	164.9911	Achieved		10
7802.211				162.91992	100	0.00%	0.00%		141					10
7792.211		164.655521	162.85248 162.77821	162.85248 162.77821	100	0.00%	0.00%	165	141		164.99102 164.98967			10
7772.211	1 7607.211	164.60622	162.72928	162.72928	100	0.00%	0.00%	165	141	165	164.98814	Achieved		10
7762.211		164.47071 164.23851	162.69205	162.69205	100	0.00%	0.00%	163	141	165	164.98676 164.98674			10
7742.211	1 7577.211	163.95254	162.65585	162.65585	100	0.00%	0.00%	165	141	165	164.98677	Achieved		10
7732.211		163.6683 163.40167	162.68733 162.75468	162.68733 162.75468	100	0.00%	0.00%	165	141	165	164.98683			10
7712.21	1 7547.211	163.20114	162.82304	162.82304	100	0.00%	0.00%	165	141	165	164.98749	Achieved		10
7702.211		163.07823 163.02287	162.88723 162.96944	162.88723 162.96944	100	0.00%	0.00%	165	141	165	164.99061			10
7682.21	1 7517.211	163.01739	163.07534	163.07534	100	0.00%	0.00%	165	141	165	164.99369	Achieved		10
7672.211		163.06593 163.14017	163.19955 163.35487	163.19955 163.35487	100	0.00%	0.00%	165	141		164.9954 164.99391	Achieved Achieved		10
7652.21	1 7487.211	163.19386	163.50352	163.50352	100	0.00%	0.00%	165	141	165	164.9924	Achieved		10
7642.211		163.22006	163.67313 163.8948	163.67313 163.8948	100	0.00%	0.00%		141					10
7622.21	1 7457.211	163.11383	164.14495	164.14495	100	0.00%	0.00%	165	141	163	164.98839	Achieved		10
		163.05191	164.40549	164.40549	100	0.00%	0.00%	165	141			Achieved		10
7612.211			164.68195		100	0.00%	0.00%	165	141	165	164.99125	Achieved		10
7612.21	1 7437.211 1 7427.211	163.01113 162.96995	164.68195 164.97978	164.68195 164.97978 165.27399	100 100 100	0.00%	0.00%	165	141 141 141	163	164.99178	Achieved		10 10 10

Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous Grade	Average Grade	Sight Distance Required	Sight Distance Relaxed	Sight Distance Achieved	Sight Distance Along Sight Line Achieved	Sight Line Status	Obstruction	SSD Speed Achieved EDD 2sec RT (km/h)
7562.211	7397.211	163.02076	165.86118	165.86118	100	0.00%	0.00%	165	141	165	164.98453			100
7552.211 7542.211	7387.211 7377.211	163.08997 163.15459	166.12025	166.12025	100	0.00%	0.00%	165	141	165	164.97976 164.97944			100
7532.211	7367.211	163.22469 163.32179	166.63744	166.63744	100	0.00%	0.00%	165	141	165	164.97977	Achieved Achieved		100
7512.211	7347.211	163.4357	167.18571	167.18571	100	0.00%	0.00%	165	141	163	164.98426	Achieved		100
7502.211 7492.211	7337.211 7327.211	163.57639	167.48596	167.48596	100	0.00%	0.00%	165	141	165	164.98347			100
7482.211	7317.211	163.88159	168.11865	168.11865	100	0.00%	0.00%	165	141	165	164.98876			100
7462.211	7307.211 7297.211	164.07703 164.3207	168.48381	168.48381	100	0.00%	0.00%	165	141 141	165				100
7452.211 7442.211	7287.211 7277.211	164.57038 164.84771	169.14025	169.14025	100	0.00%	0.00%	165	141	165	164.99281			100
7432.211	7267.211	165.12758	169.69592	169.69592	100	0.00%	0.00%	165	141	165	164.99666	Achieved		100
7422.211 7412.211	7257.211 7247.211	165.42669	169.90916 170.13261	169.90916 170.13261	100	0.00%	0.00%	165	141	165				100
7402.211 7392.211	7237.211 7227.211	166.01823	170.40411	170.40411	100	0.00%	0.00%	165	141	165				100
7382.211	7217.211	166.54493	171.1458	171.1458	100	0.00%	0.00%	165	141	163	165.00839	Achieved		100
7372.211 7362.211	7207.211 7197.211	166.81531 167.0644		171.63835	100	0.00%	0.00%	165	141	165				100
7352.211 7342.211	7187.211 7177.211	167.33612 167.63928	172.96088	172.96088 173.36921	100	0.00%	0.00%	165	141	163				100
7332.211	7167.211	167.93914	173.48455	173.48455	100	0.00%	0.00%	165	141	165	165.0036	Achieved		100
7322.211 7312.211	7157.211 7150.211	168.25235	173.45548	173.45548	100	0.00%	0.00%	165	141	165	165.00361 162.00363		Vertical alignment	100
7302.211 7292.211	7150.211 7150.211	168.95791 169.28668	173.40964	173.40964 173.40964	100	0.00%	0.00%	165	141	152	152.00365	Relaxed	Vertical alignment	100
7292.211	7150.211	169.39521	173.40964	173.40964	100	0.00%	0.00%	165	141	132		Not Achieved	Vertical alignment Vertical alignment	100
7272.211 7262.211	7150.211 7150.211	169.87099 170.11581	173.40964	173.40964 173.40964	100	0.00%	0.00%	165	141	122		Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
7252.211	7150.211	170.31763	173.40964	173.40964	100	0.00%	0.00%	165	141	102	102	Not Achieved	Vertical alignment	80
7242.211 7232.211	7152.211 7152.211	170.55661	173.422	173.422	100	0.00%	0.00%	165	141	90		Not Achieved Not Achieved	Vertical alignment Vertical alignment	70
7222.211 7212.211	7150.211 7146.211	171.24393 171.67433	173.40964 173.39202	173.40964 173.39202	100	0.00%	0.00%	165	141	72	72	Not Achieved Not Achieved	Vertical alignment	60
7202.211	7124.211	172.25659	173.28743	173.28743	100	0.00%	0.00%	165	141	78	77.98379	Not Achieved	Vertical alignment Vertical alignment	60
7192.211 7182.211	7027.211 7017.211	172.94329 173.50525	173.84334 173.90236	173.84334 173.90236	100	0.00%	0.00%	165	141	163	162.66171 162.40342			100
7172.211	7007.211	173.75046	173.95139	173.95139	100	0.00%	0.00%	165	141	165	162.24472	Achieved		100
7162.211 7152.211	6997.211 6987.211	173.7805 173.722	174.03554	174.03554 174.10303	100	0.00%	0.00%	165	141 141	165	162.22712			100
7142.211 7132.211	6977.211 6967.211	173.67827 173.63204	174.1797	174.1797	100	0.00%	0.00%	165	141	165	162.36625 162.60551			100
7122.211	6957.211	173.57943	174.34539	174.34539	100	0.00%	0.00%	165	141	163	162.9436	Achieved		100
7112.211 7102.211	6947.211 6937.211	173.57626 173.57093	174.39044 174.40817	174.39044 174.40817	100	0.00%	0.00%	165	141	165	163.74067			100
7092.211 7082.211	6927.211 6917.211	173.59899 173.64507	174.4439	174.4439	100	0.00%	0.00%	165	141	165		Achieved Achieved		100
7072.211	6907.211	173.84307	174.47463	174.47465	100	0.00%	0.00%	165	141	165	164.60532	Achieved		100
7052.211	6897.211 6887.211	173.81063	174.46516	174.46516	100	0.00%	0.00%	165	141	165	164.76942			100
7042.211	6877.211	174.05248	174.42128	174.42128	100	0.00%	0.00%	165	141	165	164.96614	Achieved		100
7032.211 7022.211	6867.211 6857.211	174.11442	174.41284	174.41284	100	0.00%	0.00%	165	141	165	165.00199			100
7012.211 7002.211	6847.211 6837.211	174.2298	174.39379	174.39379 174.35643	100	0.00%	0.00%	165	141	165		Achieved		100
6992.211	6827.211	174.37566	174.32105	174.32105	100	0.00%	0.00%	165	141	163	165.00545	Achieved		100
6982.211 6972.211	6817.211 6807.211	174.43566	174.32369	174.32369	100	0.00%	0.00%	165	141	165	165.00396 165.00787			100
6962.211	6797.211	174.60475	174.35655	174.35655	100	0.00%	0.00%	165	141	165	165.00807	Achieved		100
6952.211 6942.211	6787.211 6777.211	174.67521 174.69578	174.34501 174.33514	174.34501 174.33514	100	0.00%	0.00%	165	141	165	165.00817 165.00589			100
6932.211 6922.211	6767.211 6757.211	174.72765	174.33945	174.33945 174.3486	100	0.00%	0.00%	165	141	165				100
6912.211	6747.211	174.78283	174.35046	174.35046	100	0.00%	0.00%	165	141	163	165.03146	Achieved		100
6902.211 6892.211	6737.211 6727.211	174.77851	174.35464	174.35464 174.33981	100	0.00%	0.00%	165	141	165				100
6882.211 6872.211	6717.211 6707.211	174.72795 174.71839	174.3532	174.3532	100	0.00%	0.00%	165	141	165	165.0539			100
6862.211	6697.211	174.70579	174.45392	174.45392	100	0.00%	0.00%	165	141	165	165.05705	Achieved		100
6852.211 6842.211	6687.211 6677.211	174.69917	174.49559	174.49359	100	0.00%	0.00%	165	141	165				100
6832.211	6667.211	174.63196	174.53149	174.53149	100	0.00%	0.00%	165	141	165				100
6822.211 6812.211	6657.211 6647.211	174.62016	174.55605	174.55605 174.58788	100	0.00%	0.00%	165	141	165	163.05541 163.05658			100
6802.211 6792.211	6637.211 6627.211	174.65066	174.62783	174.62783 174.68783	100	0.00%	0.00%	165	141	165	165.05941	Achieved		100
6782.211	6617.211	174.63818	174.73161	174.73161	100	0.00%	0.00%	165	141	165	165.0603	Achieved		100
6772.211 6762.211	6507.211 6397.211	174.63425	174.76254	174.76254 174.78159	100	0.00%	0.00%	165	141	165				100
6752.211 6742.211	6587.211 6577.211	174.64729	174.80594 174.85608	174.80594 174.85608	100	0.00%	0.00%	165	141	165	165.08731	Achieved		100
6732.211	6567.211	174.64573	174.90715	174.90715	100	0.00%	0.00%	165	141	165	165.10062	Achieved		100
6722.211 6712.211	6557.211 6547.211	174.64246	174.90559 174.89873	174.90539 174.89873	100	0.00%	0.00%	165						100
6702.211 6692.211	6537.211 6527.211	174.73312 174.77328	174.91505 174.88881	174.91505 174.88881	100	0.00%	0.00%	165	141	165	165.12329	Achieved		100
6682.211	6517.211	174.81556	174.82291	174.82291	100	0.00%	0.00%	165	141	163	165.02907	Achieved		100
6672.211 6662.211	6507.211 6497.211	174.83097 174.84185	174.73355 174.68779	174.73355 174.68779	100	0.00%	0.00%	165						100
6652.211	6487.211	174.86933	174.6465	174.6465	100	0.00%	0.00%	165	141	165	164.72209	Achieved		100
6642.211 6632.211	6477.211 6467.211	174.90874 174.96129	174.61385 174.59747	174.61385 174.59747	100	0.00%	0.00%	165	141 141	165	164.55589	Achieved		100
6622.211 6612.211	6457.211 6447.211	175.01333	174.60232	174.60232 174.65156	100	0.00%	0.00%		141					100
6602.211	6437.211	175.07257	174.73033	174.73033	100	0.00%	0.00%	165	141	163	164.34614	Achieved		100
6592.211 6582.211	6427.211 6417.211	175.09148 175.12568		174.84094 174.93116	100	0.00%	0.00%	165						100
6572.211 6562.211	6407.211 6397.211	175.18884	175.05244	175.05244	100	0.00%	0.00%	165	141	165		Achieved		100
6552.211	6387.211	175.1971	175.36259	175.18953 175.36259	100	0.00%	0.00%	165	141	165	164.89122	Achieved		100
6542.211 6532.211	6377.211 6367.211	175.21039	175.52435	175.52435	100	0.00%	0.00%	165	141	165		Achieved Achieved		100
6522.211	6357.211	175.16417	175.8281	175.8281	100	0.00%	0.00%	165	141	165	165.00934	Achieved		100
6512.211 6502.211	6347.211 6337.211	175.0763	175.97393 176.08505	175.97393 176.08505	100	0.00%	0.00%	165	141	165	165.01683			100
6492.211 6482.211	6327.211 6317.211	174.9717	176.18685	176.18685	100	0.00%	0.00%	165		165	165.03301	Achieved		100
6472.211	6307.211	174.90785	176.28297	176.28297	100	0.00%	0.00%	165	141	165	165.06627	Achieved		100
6462.211 6452.211	6297.211 6287.211	174.89571 174.92396	176.23988	176.23988 176.17345	100	0.00%	0.00%	165	141					100
6442.211	6277.211	174.9824	176.07839	176.07839	100	0.00%	0.00%	165	141	165	165.183	Achieved		100
6432.211 6422.211	6267.211 6257.211	175.08869		175.95506	100	0.00%	0.00%	165	141	165	165.08868			100
6412.211 6402.211	6247.211 6240.211	175.28637	175.5489	175.5489		0.00%	0.00%	165			164.95756	Achieved	Vertical alignment	100
6392.211	6227.211	175.57545	175.17751	175.17751	100	0.00%	0.00%	165	141	165	164.53677	Achieved		100
6382.211 6372.211	6217.211 6207.211	175.74663	175.06476	175.06476	100	0.00%	0.00%	165	141					100
6362.211						0.00%	0.00%					Achieved		100

Eve Provide	Object Ro 11	By a large	Actual Level	Obient	Derive for an	Instantaneous	Augure 6	Sight Distance	Sight Distance	Sight Distance	Sight Distance Along	Cinht Sing at 1	Obstruction	SSD Speed Achieved
Eye Position	Object Position	Eye Level		Object Level	Design Speed	Grade	Average Grade	Required	Relaxed	Achieved	Sight Line Achieved	Sight Line Status	Obstruction	EDD 2sec RT (km/h)
6352.211 6342.211	6187.211 6177.211	176.20292 176.33507	175.07003 175.10403	175.07003 175.10403	100	0.00%	0.00%	163	141 141	163	163.95165 163.89424	Achieved		100
6332.211 6322.211	6167.211	176.4346	175.12557	175.12557	100	0.00%	0.00%	165	141	165	163.91887 163.91516			100
6312.211 6302.211	6147.211 6137.211	176.58854	175.0524	175.0524	100	0.00%	0.00%	165	141	165	163.86006 163.76964			100
6292.211	6127.211 6117.211	176.50982	174.63358 174.38018	174.63358 174.38018	100	0.00%	0.00%	165	141	163		Achieved		100
6272.211	6107.211	176.32994	174.17548	174.17548	100	0.00%	0.00%	165	141	165	162.98668	Achieved		100
6262.211 6252.211	6097.211 6087.211	175.96176	174.03847 173.91386	174.03847 173.91386	100	0.00%	0.00%	165	141	165				100
6242.211 6232.211	6077.211 6067.211	175.73355	173.8165 173.72478	173.8165 173.72478	100	0.00%	0.00%	165	141	165		Achieved Achieved		100
6222.211	6057.211	175.41696	173.59221	173.59221	100	0.00%	0.00%	165	141	165	162.19317	Achieved		100
6212.211 6202.211	6047.211 6037.211	175.32391 175.29876	173.62181	173.62181	100 100	0.00%	0.00%					Achieved Achieved		100
6192.211 6182.211	6027.211	175.33664	173.67088	173.67088 173.70203	100	0.00%	0.00%	165	141	165				100
6172.211	6007.211 5997.211	175.41082	173.74428	173.74428	100	0.00%	0.00%	165	141	165		Achieved		100
6152.211	5987.211	175.41619	173.81234	173.81234	100	0.00%	0.00%	165	141	165	164.94847	Achieved		100
6142.211 6132.211		175.25501 175.04938	173.81079 173.81714	173.81079 173.81714	100	0.00%	0.00%	165	141	165	165.14076	Achieved		100
6122.211 6112.211	5957.211 5947.211	174.80536	173.83523 173.83554	173.83523	100	0.00%	0.00%	165	141	165				100
6102.211 6092.211	5937.211 5927.211	174.40224 174.27736	173.82225	173.82225	100	0.00%	0.00%	165	141	165		Achieved		100
6082.211	5917.211	174.15223	173.89572	173.89572	100	0.00%	0.00%	165	141	165	165.00408	Achieved		100
6072.211 6062.211	5907.211 5897.211	174.07211 173.96275	173.88981 173.94367	173.88981 173.94367	100	0.00%	0.00%	165	141	163	165.0041	Achieved		100
6052.211 6042.211	5887.211 5877.211	173.88057	174.02423	174.02423	100	0.00%	0.00%	165	141	165				100
6032.211 6022.211	5867.211	173.97002	174.13707 174.13914	174.13707 174.13914	100	0.00%	0.00%	165	141	165	165.00416	Achieved		100
6012.211	5847.211	174.02384	174.0841	174.0841	100	0.00%	0.00%	165	141	165	164.99143	Achieved		100
6002.211 5992.211	5837.211 5827.211	174.08744 174.1007	173.98691 173.87263	173.98691 173.87263	100	0.00%	0.00%	165		163	164.98761	Achieved		100
5982.211 5972.211	3817.211 3807.211	174.11908	173.73734 173.60175	173.73734 173.60175	100	0.00% 0.00%	0.00%	165	141	163		Achieved		100
5962.211	5797.211	174.12731	173.46301	173.46301	100	0.00%	0.00%	165	141	165	164.98708	Achieved		100
5952.211 5942.211	5787.211 5777.211	174.13283	173.07968	173.28376 173.07968	100	0.00%	0.00%	165	141	165	164.98692	Achieved		100
5932.211 5922.211	5767.211 5757.211	174.12048 174.17591	172.89107 172.73338	172.89107 172.73338	100 100	0.00% 0.00%	0.00%	165 165	141 141	163 163	164.99348	Achieved		100
5912.211 5902.211	5747.211 5737.211	174.19395 174.2058	172.60649	172.60649 172.46644	100	0.00%	0.00%	165	141	163		Achieved		100
5892.211	5727.211	174.28202	172.31956	172.31956	100	0.00%	0.00%	165	141	165	164.99341	Achieved		100
5882.211 5872.211	5717.211 5707.211	174.34712 174.42001	172.24933	172.24933 172.16311	100	0.00%	0.00%		141 141	165		Achieved		100
5862.211	5697.211 5687.211	174.44358	172.13267 172.13213	172.13267	100	0.00%	0.00%	165	141	163				100
5842.211 5832.211	5677.211 5667.211	174.33698 174.23057	172.12215	172.12215	100	0.00%	0.00%	165	141	163	165.00828	Achieved		100
5822.211	5657.211	174.10944	172.20936	172.20936	100	0.00%	0.00%	165	141	163	165.00828	Achieved		100
5812.211	5647.211	173.96249 173.84318	172.27565	172.27565	100	0.00%	0.00%	165	141	165	165.00828			100
5792.211 5782.211	5627.211 5617.211	173.6752	172.48038	172.48038	100	0.00%	0.00%	165	141	165	165.00828			100
5772.211	5607.211	173.28527	172.71879	172.71879	100	0.00%	0.00%	165	141	165	165.00828	Achieved		100
5762.211 5752.211	5597.211 5587.211	173.10586	172.80262 172.86391	172.80262 172.86391	100	0.00%	0.00%	165	141	165	165.02644	Achieved		100
5742.211 5732.211	5577.211	172.84201 172.68382	172.89651 172.9049	172.89651 172.9049	100	0.00%	0.00%	165	141	165				100
5722.211 5712.211	5557.211 5547.211	172.57616	172.88677	172.88677 172.84109	100	0.00%	0.00%	165	141	165	165.06671	Achieved		100
5702.211	5537.211	172.44533	172.75632	172.75632	100	0.00%	0.00%	165	141	165	165.07317	Achieved		100
5692.211 5682.211	5527.211	172.4253	172.57222	172.57222 172.3463	100	0.00%	0.00%	165	141	165				100
5672.211	5507.211	172.43749	172.08744	172.08744	100	0.00%	0.00%	165	141	163	165.03232 160.02678		Vertical alignment	100
5652.211 5642.211	5502.211 5500.211	172.5417 172.62889	171.91821 171.84507	171.91821 171.84507	100	0.00% 0.00%	0.00%	165	141 141	130 142			Vertical alignment Vertical alignment	100
5632.211	5498.211	172.73487	171.76522	171.76522	100	0.00%	0.00%	165	141	134	134.0472	Not Achieved	Vertical alignment	90
5622.211	5494.211 5490.211	172.82822	171.6023	171.6023	100	0.00%	0.00%	165	141	128		Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
5602.211 5592.211	5484.211 5476.211	173.06285	171.16816	171.16816	100	0.00%	0.00%	165	141	118 116	118.05727	Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
5582.211	5472.211	173.18283	170.52895	170.52895	100	0.00%	0.00%	165	141	110	109.97539	Not Achieved Not Achieved	Vertical alignment	80
5572.211 5562.211	5464.211 5456.211	173.20536	170.03361 169.5098	170.03361 169.5098	100 100	0.00%	0.00%	165	141 141	106	105.76618	Not Achieved	Vertical alignment Vertical alignment	80
5552.211 5542.211	5387.211 5377.211	173.16803 173.10354	165.07868	165.07868 164.47691	100	0.00%	0.00%	165	141	165		Achieved Achieved		100
5532.211 5522.211	5367.211	172.98206	163.86328	163.86328 163.29809	100	0.00% 0.00%	0.00%	165	141	165	162.81566	Achieved		100
5512.211	5347.211	172.52999	162.74692	162.74692	100	0.00%	0.00%	165	141	163	162.96956	Achieved		100
5502.211 5492.211	5327.211			162.20867 161.75426	100	0.00%	0.00%		141	163	163.4568	Achieved		100
5482.211 5472.211		171.37255	161.53363 161.53306	161.53363 161.53306	100	0.00%	0.00%	165	141			Achieved Achieved		100
5462.211 5452.211	5297.211	170.20817		161.62176 161.78104	100	0.00%	0.00%		141	163	164.45671	Achieved		100
5442.211	5277.211	168.93757	161.95716	161.95716	100	0.00%	0.00%	165	141	165	164.82005	Achieved		100
5432.211 5422.211	5270.211 5270.211	168.32908 167.6665	162.05957 162.05957	162.05957 162.05957	100 100	0.00% 0.00%	0.00%	165	141 141		151.99772	Relaxed	BRIDGE BRIDGE	
5412.211 5402.211	5270.211 5270.211		162.05957 162.05957	162.05957 162.05957	100	0.00%	0.00%	165	141			Relaxed Not Achieved	BRIDGE BRIDGE	
5392.211	5270.211	165.66576		162.05957	100	0.00%	0.00%			122	122.0207	Not Achieved	BRIDGE	
5372.211	5270.211	164.46237	162.05957	162.05957	100	0.00%	0.00%	165	141	102	102.0213	Not Achieved	BRIDGE	
5362.211 5352.211	5270.211 5270.211	163.87488 163.32383	162.03937	162.03937 162.03937	100	0.00%	0.00%	165	141 141	92		Not Achieved Not Achieved	BRIDGE BRIDGE	
5342.211 5332.211	5270.211 5270.211	162.76824	162.03937	162.03937 162.03937	100	0.00%	0.00%	165		72	72.02281	Not Achieved Not Achieved	BRIDGE BRIDGE	
5322.211	5270.211	161.89859	162.05957	162.03937	100	0.00%	0.00%	163	141	52	52.01022	Not Achieved	BRIDGE	
5312.211 5302.211	5270.211 5270.211	161.82003	162.05957 162.05957	162.05957 162.05957	100	0.00%	0.00%	165	141 141	42	32	Not Achieved Not Achieved	BRIDGE BRIDGE	
5292.211 5282.211	5270.211 5270.211	161.99514 162.17393	162.05957 162.05957	162.05957 162.05957	100	0.00%	0.00%	165	141 141	22		Not Achieved Not Achieved	BRIDGE BRIDGE	
5272.211	5270.211 5106.211	162.33008	162.05957 176.55253	162.05957 176.55253	100	0.00%	0.00%	165	141	2	2	Not Achieved	BRIDGE Vertical alignment	100
5242.211	5114.211	163.08372	176.06615	176.06615	100	0.00%	0.00%	165	141	128	128.07478	Not Achieved	Vertical alignment	90
5232.211 5222.211	5116.211 5116.211	163.8765 164.93527	175.93682	175.93682 175.93682	100 100	0.00%	0.00%	165	141 141	106	106.11644	Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
5212.211 5202.211		166.0983	176.06615	176.05615 176.31866	100 100	0.00%	0.00%	165	141	98	98.12191	Not Achieved Not Achieved	Vertical alignment Vertical alignment	7
5192.211	5104.211			176.664	100	0.00%	0.00%		141	88	88.12144	Not Achieved	Vertical alignment	70
5172.211	5080.211	171.06557	177.79633	177.79633	100	0.00%	0.00%	165	141	92	92.13765	Not Achieved Not Achieved	Vertical alignment Vertical alignment	70
5162.211 5152.211	5064.211 5050.211	172.23957 173.31404	178.32696 178.67194	178.32696 178.67194	100 100	0.00%	0.00%	165	141 141			Not Achieved Not Achieved	Vertical alignment Vertical alignment	70
5142.211					100	0.00%						Not Achieved	Vertical alignment	80

Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous	Average Grade	Sight Distance	Sight Distance	Sight Distance	Sight Distance Along	Sight Line Status	Obstruction	SSD Speed Achieved
5132.211	4967.211	175.07263	180.24256	180.24256	100	Grade 0.00%	0.00%	Required 165	Relaxed 141	Achieved 163	Sight Line Achieved 164.38391	Achieved		EDD 2sec RT (km/h) 100
5122.211 5112.211	4957.211 4947.211	175.8188	180.42324 180.6123	180.42324 180.6123	100	0.00%	0.00%	165	141	165	164.36076	Achieved Achieved		100
5102.211	4937.211	177.07551	180.78888	180.78888	100	0.00%	0.00%	165	141	165	164.46602	Achieved		100
5092.211 5082.211	4927.211 4917.211	177.59615	180.9975 181.24014	180.9975 181.24014	100	0.00%	0.00%	165	141	165	164.72357	Achieved Achieved		100
5072.211 5062.211	4907.211 4897.211	178.37751 178.68544	181.54801 181.84832	181.54801 181.84832	100	0.00%	0.00%	165	141		164.83902	Achieved Achieved		100
5052.211 5042.211	4887.211 4877.211	178.92598	182.18931	182.18931 182.59521	100	0.00%	0.00%	165	141			Achieved Achieved		100
5032.211	4867.211	179.40295	183.03728	183.03728	100	0.00%	0.00%	165	141	165	165.09289	Achieved		100
5022.211 5012.211	4857.211 4847.211	179.60429	183.50927 184.02578	183.50927 184.02578	100	0.00%	0.00%	165	141			Achieved Achieved		100
5002.211 4992.211	4837.211 4827.211	179.95996	184.60429	184.60429 185.22705	100	0.00%	0.00%	165	141		165.07894	Achieved Achieved		100
4982.211 4972.211	4817.211 4807.211	180.306 180.45554	185.90904 186.66039	185.90904 186.66039	100	0.00%	0.00%	165	141	165	165.0332	Achieved		100
4962.211	4797.211	180.63126	187.53445	187.53445	100	0.00%	0.00%	165	141	165	165.00648	Achieved		100
4952.211 4942.211	4787.211 4777.211	180.81523 181.00073	188.58835 189.7644	188.58835 189.7644	100	0.00%	0.00%	165	141			Achieved Achieved		100
4932.211 4922.211	4767.211 4757.211	181.19871 181.40926	190.97793	190.97793 192.2717	100	0.00%	0.00%	165	141			Achieved Achieved		100
4912.211	4747.211	181.69374	193.53501	193.53501	100	0.00%	0.00%	165	141	165	164.94257	7 Achieved		100
4902.211 4892.211	4737.211 4727.211	181.99495 182.31156	194.72153 195.79799	194.72153 195.79799	100	0.00%	0.00%	165	141		164.65355	Achieved Achieved		100
4882.211 4872.211	4717.211 4707.211	182.68666	196.73791 197.56575	196.73791 197.56575	100	0.00%	0.00%	165	141		164.40334	Achieved Achieved		100
4862.211 4852.211	4697.211 4687.211	183.56898 184.06274	198.27489 198.90195	198.27489 198.90195	100	0.00%	0.00%	165	141		163.61852	Achieved Achieved		100
4842.211	4677.211	184.61139	199.43415	199.43415	100	0.00%	0.00%	165	141	165	162.81364	Achieved		100
4832.211 4822.211	4667.211 4664.211	185.21014 185.863	199.88857 200.0034	199.88857 200.0034	100	0.00%	0.00%	165	141	165	162.4587	Achieved Relaxed	Vertical alignment	100
4812.211 4802.211	4666.211 4668.211	186.37702 187.37881	199.92968 199.84507	199.92968 199.84507	100	0.00%	0.00%	165	141 141		143.61082	Relaxed Not Achieved	Vertical alignment Vertical alignment	100
4792.211	4668.211	188.33862	199.84507	199.84307	100	0.00%	0.00%	165	141	124	121.92978	Not Achieved	Vertical alignment	90
4782.211 4772.211	4666.211 4662.211	189.46416 190.65828		199.92968 200.07971	100	0.00%	0.00%	163	141 141	110	108.12564	Not Achieved	Vertical alignment Vertical alignment	80
4762.211 4752.211	4656.211 4646.211	191.9235 193.21116	200.25876	200.25876 200.4245	100 100	0.00%	0.00%	163 165	141 141	106	104.25802	Not Achieved	Vertical alignment Vertical alignment	80
4742.211 4732.211	4640.211 4638.211	194.43767 195.57834	200.44586	200.44586	100	0.00%	0.00%	165	141	102	100.77263	Not Achieved	Vertical alignment Vertical alignment	80
4722.211	4634.211	196.58399	200.41189	200.41189	100	0.00%	0.00%	165	141	88	87.37526	Not Achieved	Vertical alignment	70
4712.211 4702.211	4628.211 4624.211	197.46391 198.23301	200.32113 200.24432	200.32113 200.24432	100	0.00%	0.00%	165	141			Not Achieved	Vertical alignment Vertical alignment	70
4692.211 4682.211	4616.211 4608.211	198.90059 199.48075	200.05528	200.05528	100	0.00%	0.00%	165	141			Not Achieved	Vertical alignment Vertical alignment	60
4672.211 4662.211	4592.211	199.96985	199.176	199.176 198.12616	100	0.00%	0.00%	165	141	80	79.8216	Not Achieved	Vertical alignment	60
4652.211	4497.211 4487.211	200.37971 200.64137	198.1928	198.1928	100	0.00%	0.00%	165	141 141	165	164.89007	Achieved Achieved		100
4642.211 4632.211	4477.211 4467.211	200.74576	198.30202 198.40974	198.30202 198.40974	100	0.00%	0.00%	165	141	165	164.9236			100
4622.211 4612.211	4457.211 4447.211	200.50224 200.2322		198.49424 198.57813	100	0.00%	0.00%	165	141 141		164.968	Achieved		100
4602.211	4437.211	199.87304	198.63574	198.63574	100	0.00%	0.00%	165	141	165	164.99193	Achieved		100
4592.211 4582.211	4427.211 4417.211	199.476 199.15126	198.67279	198.67279 198.70932	100	0.00%	0.00%	165	141	165		Achieved Achieved		100
4572.211 4562.211	4407.211 4397.211	198.87119 198.65107	198.73063 198.75681	198.73063 198.75681	100	0.00%	0.00%	165	141		165.00806	Achieved		100
4552.211 4542.211	4387.211 4377.211	198.5062 198.40935	198.76677 198.76378	198.76677 198.76378	100	0.00%	0.00%	165		165	165.00788	Achieved		100
4532.211	4367.211	198.36446	198.78247	198.78247	100	0.00%	0.00%	165	141	165	165.00776	Achieved		100
4522.211 4512.211	4357.211 4347.211	198.35249 198.3761	198.78765	198.78765 198.82259	100	0.00%	0.00%	165	141		165.00773	Achieved Achieved		100
4502.211 4492.211	4337.211 4327.211	198.40206 198.45462	198.97741 199.16048	198.97741 199.16048	100	0.00%	0.00%	165	141			Achieved Achieved		100
4482.211	4317.211	198.54357	199.40125	199.40125	100	0.00%	0.00%	165	141	165	165.00525	Achieved		100
4472.211 4462.211	4307.211 4297.211	198.66059 198.75038	199.71949 200.10031	199.71949 200.10031	100 100	0.00%	0.00%	165	141 141	165	165.00544			100
4452.211 4442.211	4287.211 4277.211	198.83862 198.90477	200.4925 200.89515	200.4925 200.89515	100	0.00%	0.00%	165	141		165.0055	Achieved Achieved		100
4432.211 4422.211	4267.211 4257.211	198.95671 198.99086	201.3545 201.82508	201.3545 201.82508	100	0.00%	0.00%	165	141			Achieved Achieved		100
4412.211	4247.211	199.02478	202.30938	202.30938	100	0.00%	0.00%	165	141	165	164.9974	Achieved		100
4402.211 4392.211	4237.211 4227.211	199.04197 199.06582	202.82297 203.36427	202.82297 203.36427	100	0.00%	0.00%	165	141	165		Achieved		100
4382.211 4372.211	4217.211 4207.211	199.06331 199.07177	203.92503 204.48507	203.92503 204.48507	100	0.00%	0.00%	165	141	163	164.99741	Achieved		100
4362.211 4352.211	4197.211 4187.211	199.08856 199.09244	205.00845	205.00845 205.48684	100	0.00%	0.00%	165		165	164.99742	Achieved Achieved		100
4342.211	4177.211	199.18769	205.95238	205.95238	100	0.00%	0.00%	165	141	165	165.02167	Achieved		100
4332.211 4322.211	4167.211 4157.211	199.37011 199.57032	206.86297	206.40389 206.86297	100	0.00%	0.00%	165	141	163	165.02999	Achieved Achieved		100
4312.211 4302.211	4147.211 4137.211	199.85078 200.20713	207.29288 207.63096	207.29288 207.63096	100	0.00%	0.00%	165	141 141			Achieved Achieved		100
4292.211	4127.211	200.59754	207.88614	207.88614	100	0.00%	0.00%	165	141	165	165.1194	Achieved		100
4282.211 4272.211	4117.211 4108.211	200.98588 201.42027	207.89915	207.98912 207.89915	100	0.00%	0.00%	165	141	164	164.0410		Vertical alignment	100
4262.211 4252.211	4108.211 4108.211	201.89216 202.36355	207.89915 207.89915	207.89915 207.89915	100 100	0.00%	0.00%	165	141 141		154.04772		Vertical alignment Vertical alignment	100
4242.211 4232.211	4106.211 4106.211	202.86233 203.3917	207.86081	207.86081 207.86081	100	0.00%	0.00%	165	141	136		Not Achieved	Vertical alignment Vertical alignment	90 90
4222.211	4104.211	203.93867	207.81668	207.81668	100	0.00%	0.00%	165	141	118	118.04387	Not Achieved	Vertical alignment	80
4212.211 4202.211	4100.211 4098.211	204.50944 205.05641		207.7141 207.64955	100	0.00%	0.00%	165 165	141 141	104	104.03261	Not Achieved	Vertical alignment Vertical alignment	80
4192.211 4182.211	4096.211 4094.211	205.55188 206.02126	207.57839 207.49547	207.57839 207.49547	100 100	0.00%	0.00%	165 165	141 141			Not Achieved	Vertical alignment Vertical alignment	70
4172.211 4162.211	4092.211 4088.211	206.47707 206.93116	207.41255 207.22543	207.41255 207.22543	100	0.00%	0.00%	165	141	80	80.06984	Not Achieved	Vertical alignment Vertical alignment	50
4152.211	4084.211	207.38993	207.02492	207.02492	100	0.00%	0.00%	165	141	68	68.146	Not Achieved	Vertical alignment	60
4142.211 4132.211	4074.211 4056.211	207.77108 208.07794	205.49744 205.41757	205.49744 205.41757	100	0.00%	0.00%	165	141 141			Not Achieved	Vertical alignment Vertical alignment	60 60
4122.211 4112.211	4030.211 4010.211	208.25439 208.2593		203.36649 201.51951	100	0.00%	0.00%	165	141	92	91.96428	Not Achieved	Vertical alignment Vertical alignment	70
4102.211	3937.211	208.07353	197.0536	197.0536	100	0.00%	0.00%	165	141	165	164.99982	Achieved	Concession Bulkingent	100
4092.211 4082.211	3927.211 3917.211	207.71255 207.2222	196.93017 196.8435	196.93017 196.8433	100	0.00%	0.00%	165	141	165	164.97224	Achieved Achieved		100
4072.211 4062.211	3907.211 3897.211	206.69038	196.77005 196.71321	196.77005 196.71321	100	0.00%	0.00%	165	141		164.95582	Achieved Achieved		100
4052.211 4052.211	3887.211	205.44249 204.68264	196.66513	196.66513	100	0.00%	0.00%	165		165	164.94344	Achieved Achieved		100
4032.211	3877.211 3867.211	203.84154	196.61593	196.61593	100	0.00%	0.00%	165	141	165	164.96979	Achieved		100
4022.211 4012.211	3857.211 3847.211	202.94718 202.00645		196.5406 196.4732	100 100	0.00%	0.00%	165				Achieved Achieved		100
4002.211 3992.211	3837.211	201.06931 200.16072	196.41407	196.41407 196.39146	100	0.00%	0.00%	165	141	165	165.04104	Achieved Achieved		100
3982.211	3817.211	199.35207	196.35368	196.35368	100	0.00%	0.00%	165	141	165	165.07058	Achieved		100
3972.211 3962.211	3807.211 3797.211	198.64027 198.0902	196.29888	196.31129 196.29888	100 100	0.00%	0.00%	165	141 141	165	165.07154	Achieved Achieved		100
3952.211 3942.211	3787.211 3777.211	197.67985 197.42473		196.26734 196.21098	100	0.00%	0.00%					Achieved Achieved		100
3932.211				196.18139	100	0.00%						Achieved		100

Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous	Average Grade	Sight Distance	Sight Distance	Sight Distance	Sight Distance Along	Sight Line Status	Obstruction	SSD Speed Achieved
3922.211	3757.211	197.18622		196.1764	100	Grade 0.00%	0.00%	Required 163	Relaxed 141	Achieved 163	Sight Line Achieved 165.02604	- 0	ousaucaon	EDD 2sec RT (km/h) 100
3912.211	3747.211	197.10074	196.21149	196.21149	100	0.00%	0.00%	165	141	165	165.01443	Achieved		100
3902.211 3892.211	3737.211 3727.211	197.04065		196.23434 196.25246	100	0.00%	0.00%	165	141	165	165.00211 165.00481			100
3882.211 3872.211	3717.211	196.94729	196.28705	196.28705	100	0.00%	0.00%	163	141	163	165.00302			100
38/2.211 3862.211	3707.211 3697.211	196.93222		196.31979 196.31735	100	0.00%	0.00%	165	141 141	165	165.00494			100
3852.211 3842.211	3687.211	196.80554 196.7392		196.32141 196.34069	100	0.00%	0.00%	165	141	165	165.00491 165.00489			100
3832.211	3667.211	196.70392	196.37449	196.37449	100	0.00%	0.00%	165	141	165	165.00487	Achieved		100
3822.211 3812.211	3657.211 3647.211	196.66913 196.63143		196.39856 196.40085	100	0.00%	0.00%	165	141	165	165.00486 165.00486			100
3802.211 3792.211	3637.211	196.60683		196.37623 196.33541	100	0.00%	0.00%	163 163	141	165	165.00486	Achieved		100
3782.211	3617.211	196.58302		196.30362	100	0.00%	0.00%	165	141	165	165.0049	Achieved		100
3772.211 3762.211	3607.211	196.49738		196.24844	100	0.00%	0.00%	165	141	165				100
3752.211	3587.211	196.49624	196.05325	196.05325	100	0.00%	0.00%	165	141	165	165.00499	Achieved		100
3742.211 3732.211	3577.211	196.53016		195.93989 195.83637	100	0.00%	0.00%	165	141	165	165.00304			100
3722.211 3712.211	3557.211	196.5672 196.60857		195.76043 195.70649	100	0.00%	0.00%	165	141	165		Achieved Achieved		100
3702.211				195.66201	100	0.00%	0.00%	165	141	163	165	Achieved		100
3692.211 3682.211	3527.211	196.61693	195.62663	195.62663	100	0.00%	0.00%	165	141	165		Achieved Achieved		100
3672.211	3507.211	196.65593	195.58984	195.58984	100	0.00%	0.00%	165	141	165	165	Achieved		100
3652.211	3497.211 3487.211	196.68883		195.58732	100	0.00%	0.00%	165	141	165		Achieved Achieved		100
3642.211	3477.211	196.69281	195.5898	195.5898	100	0.00%	0.00%	163	141	163	165	Achieved		100
3632.211 3622.211	3467.211 3457.211	196.63429		195.60921	100	0.00%	0.00%	165	141	165		Achieved Achieved		100
3612.211	3447.211	196.58243	195.59643	195.59643	100	0.00%	0.00%	165	141	165	164.99908	Achieved		100
3602.211 3592.211	3437.211 3427.211	196.50285 196.40828	195.5238	195.55601 195.5238	100	0.00%	0.00%	165 165	141 141	165	164.99629	Achieved		100
3582.211	3417.211 3407.211			195.47298 195.43347	100	0.00%	0.00%	163	141	163				100
3562.211	3397.211	196.09653	195.40883	195.40883	100	0.00%	0.00%	165	141	165	164.99623	Achieved		100
3552.211	3387.211	196.02971		195.40339 195.40322	100	0.00%	0.00%	165	141	163	164.99622			100
3532.211	3367.211	195.94292	195.40735	195.40735	100	0.00%	0.00%	165	141	165	164.99621	Achieved		100
3522.211 3512.211	3357.211 3347.211	195.91384 195.8924		195.40399 195.38805	100	0.00%	0.00%	165	141	165				100
3502.211	3337.211	195.89261	195.37891	195.37891	100	0.00%	0.00%	165	141	165	164.99621	Achieved		100
3492.211 3482.211	3327.211 3317.211		195.38839	195.37474 195.38839	100	0.00%	0.00%	165	141	163		Achieved		100
3472.211 3462.211	3307.211	195.89979 195.91374		195.39034 195.41923	100	0.00%	0.00%	165	141	165				100
3452.211	3287.211	195.91195	195.45346	195.45346	100	0.00%	0.00%	165	141	163	164.99647	Achieved		100
3442.211 3432.211	3277.211 3267.211	195.87584	195.46655	195.46655	100	0.00%	0.00%	165	141	165	164.99798 164.99949			100
3422.211	3257.211	195.79378	195.42156	195.42156	100	0.00%	0.00%	165	141	165	165.00569	Achieved		100
3412.211 3402.211	3247.211 3237.211	195.75784	195.39081	195.39081	100	0.00%	0.00%	165	141	165	165.00563	Achieved Achieved		100
3392.211	3227.211	195.70208	195.34007	195.34007	100	0.00%	0.00%	163	141	165	165.00368	Achieved		100
3382.211 3372.211	3217.211 3207.211	195.70443	195.29168	195.29168	100	0.00%	0.00%	165	141	165				100
3362.211 3352.211	3197.211 3187.211	195.71043		195.23277 195.1826	100	0.00%	0.00%	163	141	163	165.06394	Achieved		100
3342.211	3187.211	195.69615		195.1826	100	0.00%	0.00%	165	141	165	165.09896			100
3332.211 3322.211	3167.211 3157.211			195.00378 194.83645	100	0.00%	0.00%	165	141	163				100
3312.211	3147.211	195.68899	194.63024	194.63024	100	0.00%	0.00%	165	141	165	165.0055	Achieved		100
3302.211 3292.211	3137.211 3127.211	195.69891		194.38997 194.11729	100	0.00%	0.00%	165	141	165	164.96237			100
3282.211	3117.211	195.76401		193.7912	100	0.00%	0.00%	165	141	165	164.86526			100
3272.211 3262.211	3107.211 3100.211	195.76021		193.35673 192.92071	100	0.00%	0.00%	165	141	165	164.8047	Achieved Relaxed	Vertical alignment	100
3252.211 3242.211	3100.211 3098.211	195.70861	192.92071	192.92071 192.7804	100	0.00%	0.00%	165	141	152	151.81803 143.85518		Vertical alignment Vertical alignment	100
3232.211	3096.211	195.65015	192.63146	192.63146	100	0.00%	0.00%	165	141	136	135.90576	Not Achieved	Vertical alignment	90
3222.211 3212.211	3096.211 3094.211	195.6114		192.63146	100	0.00%	0.00%	163	141	126		Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
3202.211	3092.211	195.54823		192.31488	100	0.00%	0.00%	165	141	110	110.09283	Not Achieved	Vertical alignment	80
3192.211 3182.211	3090.211 3088.211	195.51125	192.14527	192.14527	100	0.00%	0.00%	165	141	102		Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
3172.211 3162.211	3086.211	195.37236		191.80349 191.45542	100	0.00%	0.00%	163	141	86	86.11779	Not Achieved	Vertical alignment	70
3152.211	3082.211 3076.211		190.93291	190.93291	100	0.00%	0.00%	165	141	80	76.08019	Not Achieved Not Achieved	Vertical alignment Vertical alignment	60
3142.211 3132.211	3064.211 3044.211	194.81181		189.85941 187.93182	100	0.00%	0.00%	163	141	78		Not Achieved Not Achieved	Vertical alignment Vertical alignment	60 70
3122.211	2957.211	194.26101	179.22197	179.22197	100	0.00%	0.00%	165	141	165	164.8485	Achieved		100
3112.211 3102.211	2947.211 2937.211	193.89777 193.36036		178.17748	100	0.00%	0.00%	165	141	165	164.83793 164.70797			100
3092.211		192.61488	176.11649	176.11649	100	0.00%	0.00%	163	141	165	164.54628	Achieved		100
3072.211	2907.211	190.8797	174.22199	174.22199	100	0.00%	0.00%	165	141	165	164.20791	Achieved		100
3062.211 3052.211		189.97554		173.31021 172.45546	100	0.00%	0.00%	165	141	165				100
3042.211	2877.211	188.03657	171.7333	171.7333	100	0.00%	0.00%	165	141	165	163.83867	Achieved		100
3032.211 3022.211	2857.211	186.0992	170.6896	171.14853 170.6896	100	0.00%	0.00%	165	141	165	163.38439	Achieved		100
3012.211				170.35177	100	0.00%	0.00%	165			162.90355	Achieved		100
3002.211 2992.211	2827.211	183.13169	170.08567	170.14474 170.08567	100 100	0.00%	0.00%	163 163	141 141		161.00933	Achieved		100
2982.211 2972.211				170.13388 170.18416	100	0.00%	0.00%	165						100
2962.211	2797.211	180.04788	170.26395	170.26395	100	0.00%	0.00%	165	141	163	154.75336	Achieved		100
2952.211 2942.211				170.34039	100	0.00%	0.00%	165	141					100
2932.211	2767.211	176.92926	170.51002	170.51002	100	0.00%	0.00%	165	141	165	147.24454	Achieved		100
2922.211 2912.211	2757.211	175.90965		170.60668	100	0.00%	0.00%	165	141	165	145.28245			100
2902.211	2746.211	174.06549	170.70172	170.70172	100	0.00%	0.00%	165	141	156	136.87417	Relaxed	BRIDGE	
2892.211 2882.211	2746.211 2746.211	173.17555		170.70172 170.70172	100	0.00%	0.00%	165	141 141	146 136	129.56913 122.30649	Relaxed Not Achieved	BRIDGE BRIDGE	
2872.211 2862.211	2746.211 2746.211	171.72726		170.70172 170.70172	100	0.00%	0.00%	163	141	126		Not Achieved Not Achieved	BRIDGE BRIDGE	
2852.211	2746.211	170.79747	170.70172	170.70172	100	0.00%	0.00%	163	141	106	98.88137	Not Achieved	BRIDGE	
2842.211 2832.211	2746.211 2746.211			170.70172	100	0.00%	0.00%	165	141			Not Achieved Not Achieved	BRIDGE	
2822.211	2746.211	170.40722	170.70172	170.70172	100	0.00%	0.00%	165	141	76	72.75831	Not Achieved	BRIDGE	
2812.211 2802.211	2746.211 2746.211	170.45545		170.70172	100	0.00%	0.00%	163	141	66		Not Achieved Not Achieved	BRIDGE BRIDGE	
2792.211	2746.211	170.60028	170.70172	170.70172	100	0.00%	0.00%	165	141	45	44.84292	Not Achieved	BRIDGE	
2782.211 2772.211	2746.211 2746.211			170.70172	100	0.00%	0.00%	165	141			Not Achieved Not Achieved	BRIDGE BRIDGE	
2762.211	2746.211	170.8523	170.70172	170.70172	100	0.00%	0.00%	165	141	16	15.73324	Not Achieved	BRIDGE	
2752.211 2742.211	2666.211	166.93069	170.87077	170.70172	100	0.00%	0.00%	165 165	141 141	76	76.02246	Not Achieved Not Achieved	BRIDGE BRIDGE	
2732.211 2692.211	2672.211			170.83097	100	0.00%	0.00%	163 163		60	60.01847	Not Achieved	BRIDGE BRIDGE	
2692.211	2682.211	166.34886	1/0./6214	170.76214	100	0.00%	0.00%	165	141	10	10	Not Achieved	uniude	

Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous	Average Grade	Sight Distance	Sight Distance	Sight Distance	Sight Distance Along	Sight Line Status	Obstruction	SSD Speed Achieved
2682.211	2517.211	171.06214	173.85666	173.85666	100	Grade 0.00%	0.00%	Required 163	Relaxed 141	Achieved 163	Sight Line Achieved 157.35457	-		EDD 2sec RT (km/h) 100
2672.211 2662.211	2507.211 2497.211	171.13097	174.22635	174.22635	100	0.00%	0.00%	163	141	163	158.68207			100
2652.211	2487.211	171.3388	174.96846	174.96846	100	0.00%	0.00%	165	141	165	161.74213			100
2642.211 2632.211	2477.211 2467.211	171.49839	175.39393 175.80853	175.39393 175.80853	100	0.00%	0.00%	165	141	165	162.99248 163.95036			100
2622.211	2457.211	171.79921	176.21964	176.21964	100	0.00%	0.00%	165	141	165	164.55556	Achieved		100
2612.211 2602.211	2447.211 2437.211	171.99004	176.61012	176.61012 176.99474	100	0.00%	0.00%	165	141	165	164.82061			100
2592.211	2427.211	172.40731	177.38281	177.38281	100	0.00%	0.00%	165	141	165	164.46338	Achieved		100
2582.211 2572.211	2417.211 2407.211	172.62875	177.76668 178.16911	177.76668 178.16911	100	0.00%	0.00%	165	141		164.01346	Achieved Achieved		100
2562.211	2398.211	172.96246	178.5621	178.5621	100	0.00%	0.00%	165	141	164	162.21488	Relaxed	Inside Curve	100
2552.211 2542.211	2398.211 2398.211	173.16434 173.40395	178.5621	178.5621 178.5621	100	0.00%	0.00%	163	141	154	152.25726		Inside Curve Inside Curve	100
2532.211	2396.211	173.68521	178.6495	178.6493	100	0.00%	0.00%	165	141	136	134.29059	Not Achieved	Inside Curve	90
2522.211 2512.211	2394.211 2390.211	173.98384	178.74228 178.92743	178.74228 178.92743	100	0.00%	0.00%	163	141	128		Not Achieved Not Achieved	Inside Curve Inside Curve	90
2502.211	2384.211	174.70559	179.21189	179.21189	100	0.00%	0.00%	165	141		116.17117	Not Achieved	Inside Curve	80
2492.211 2482.211	2327.211 2317.211	175.07072	182.59823 183.18232	182.59823 183.18232	100	0.00%	0.00%	165	141	165				100
2472.211 2462.211	2307.211 2297.211	175.90489 176.31712	183.74009 184.24684	183.74009 184.24684	100	0.00%	0.00%	163	141			Achieved		100
2452.211	2297.211 2287.211	176.31712	184.24664	184.74524	100	0.00%	0.00%	165	141		160.13222			100
2442.211 2432.211	2277.211 2267.211	177.10273	185.26383	185.26383	100	0.00%	0.00%	165	141	165	160.37399			100
2432.211 2422.211	2257.211	177.87761	185.79815	185./9815	100	0.00%	0.00%	165	141	165	160.65975			100
2412.211 2402.211	2247.211 2237.211	178.26	186.84434 187.3628	186.84434 187.3628	100	0.00%	0.00%	165	141		161.29913			100
2392.211	2227.211	179.13417	187.85357	187.85357	100	0.00%	0.00%	165	141	165	162.05619			100
2382.211 2372.211	2217.211 2207.211	179.61008	188.30229	188.30229 188.67522	100	0.00%	0.00%	165	141	163	162.51233	Achieved Achieved		100
2362.211	2197.211	180.69608	188.96858	188.96838	100	0.00%	0.00%	165	141	165	163.44897	Achieved		100
2352.211 2342.211	2187.211 2177.211	181.34627 181.98297	189.17956 189.33759	189.17956 189.33759	100	0.00%	0.00%	165	141	163	163.90702 164.31819			100
2332.211	2170.211	182.59143	189.42276	189.42276	100	0.00%	0.00%	165	141	162	161.57356	Relaxed	Vertical alignment	100
2322.211 2312.211	2168.211 2166.211	183.19877 183.76431	189.44839 189.47512	189.44839 189.47512	100	0.00%	0.00%	165	141	154	153.72424 145.83381		Vertical alignment Vertical alignment	100
2302.211	2164.211	184.30052	189.50575	189.50575	100	0.00%	0.00%	165	141	138	137.88897	Not Achieved	Vertical alignment	90
2292.211	2160.211	184.79427	189.56788	189.56788	100	0.00%	0.00%	165	141			Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
2272.211	2107.211	185.83222	191.31798	191.31798	100	0.00%	0.00%	165	141	165	164.94891	Achieved		100
2262.211 2252.211	2097.211 2087.211	186.35888 186.88168	191.84519 192.37606	191.84519 192.37606	100	0.00%	0.00%	163	141	165	164.93351 164.91168			100
2242.211	2077.211	187.40332	192.86853	192.86853	100	0.00%	0.00%	165	141	165	164.89051	Achieved		100
2232.211 2222.211	2067.211 2057.211	187.90712 188.38677	193.35118 193.84672	193.35118 193.84672	100	0.00%	0.00%	165	141	165	164.86986			100
2212.211	2047.211	188.79974	194.33165	194.33165	100	0.00%	0.00%	165	141	165	164.80934	Achieved		100
2202.211 2192.211	2037.211 2027.211	189.1316	194.83778 195.35413	194.83778 195.35413	100	0.00%	0.00%	165	141		164.77021 164.74006			100
2182.211	2017.211	189.56189	195.91586	195.91586	100	0.00%	0.00%	165	141	165	164.70165	Achieved		100
2172.211 2162.211	2007.211 1997.211	189.69836	196.45919 196.99046	196.45919 196.99046	100	0.00%	0.00%	165	141	165	164.65193			100
2152.211	1987.211	190.01237	197.4725	197.4725	100	0.00%	0.00%	163	141	165	164.61706			100
2142.211 2132.211	1977.211 1967.211	190.24711 190.53527	197.85713 198.15666	197.85713 198.15666	100	0.00%	0.00%	165	141	165	164.61909 164.63295			100
2122.211	1957.211	190.895	198.38208	198.38208	100	0.00%	0.00%	165	141	165	164.6578	Achieved		100
2112.211 2102.211	1947.211 1940.211	191.35699	198.52278	198.52278	100	0.00%	0.00%	165	141	165	164.70357		Vertical alignment	100
2092.211	1940.211	192.41109	198.60502	198.60502	100	0.00%	0.00%	165	141	152	151.79164	Relaxed	Vertical alignment	100
2082.211 2072.211	1938.211 1936.211	192.92554	198.62716	198.62716	100	0.00%	0.00%	163	141	144	143.82974	Relaxed Not Achieved	Vertical alignment Vertical alignment	100
2062.211	1934.211	193.89956	198.67059	198.67059	100	0.00%	0.00%	165	141	128	127.89367	Not Achieved	Vertical alignment	90
2052.211 2042.211	1932.211 1928.211	194.38934 194.88159	198.69214 198.71955	198.69214 198.71955	100	0.00%	0.00%	163	141	120		Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
2032.211	1922.211	195.39473 195.92688	198.7465	198.7465 198.76563	100	0.00%	0.00%	163 163	141	110		Not Achieved	Vertical alignment	80
2022.211 2012.211	1914.211 1900.211	195.92668	198.76563 198.74285	198.76363	100	0.00%	0.00%	165	141	106		Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
2002.211 1992.211	1876.211 1836.211	197.0298 197.5368	198.63805 198.50082	198.63805 198.50082	100	0.00%	0.00%	165	141	126	126.00993	Not Achieved	Vertical alignment Vertical alignment	90
1982.211	1817.211	197.98049	198.19464	198.19464	100	0.00%	0.00%	165	141				vertical angiment	100
1972.211	1807.211 1797.211	198.30985	197.90818 197.5117	197.90818 197.5117	100	0.00%	0.00%	165	141		165.00617			100
1952.211	1794.211	198.75559	197.37618	197.37618	100	0.00%	0.00%	165	141	158	158.00022	Relaxed	Vertical alignment	100
1942.211 1932.211	1792.211 1788.211	198.88251 198.99214	197.2853 197.08782	197.2853 197.08782	100	0.00%	0.00%	163	141	150		Relaxed Relaxed	Vertical alignment Vertical alignment	100
1922.211	1786.211	199.0465	196.98665	196.98665	100	0.00%	0.00%	165	141	136	136	Not Achieved	Vertical alignment	90
1912.211 1902.211	1784.211 1782.211	199.06779 199.05	196.88231 196.77786	196.88231 196.77786	100	0.00%	0.00%	165	141	128		Not Achieved Not Achieved	Vertical alignment Vertical alignment	90
1892.211	1778.211	199.00953	196.5675	196.5675	100	0.00%	0.00%	163	141	114	114	Not Achieved	Vertical alignment	80
1882.211 1872.211	1774.211 1770.211	198.96572 198.91674	196.36341 196.15737	196.36341 196.15737	100	0.00%	0.00%	165	141			Not Achieved Not Achieved	Vertical alignment Vertical alignment	80
1862.211	1756.211	198.88866	195.46065	195.46065	100	0.00%	0.00%	165	141	106	106	Not Achieved	Vertical alignment	80
1852.211 1842.211	1687.211 1677.211	198.87386 198.84548	193.22856 193.01296	193.22856 193.01296	100	0.00%	0.00%	165	141					100
1832.211 1822.211	1667.211	198.75423 198.59391	192.82512 192.7005	192.82512 192.7005	100	0.00%	0.00%	163	141		164.99969 165.00118			100
1822.211 1812.211	1657.211 1647.211	198.59391 198.36918	192.56723	192.7005	100	0.00%	0.00%	165	141	165	165.00267			100
1802.211 1792.211	1637.211 1627.211	198.02027 197.5853	192.43264	192.43264 192.32456	100	0.00%	0.00%	165	141					100
1782.211	1617.211	197.07786	192.19599	192.19599	100	0.00%	0.00%	165	141	165	165.00125	Achieved		100
1772.211	1607.211		192.04524 191.86242	192.04524 191.86242	100	0.00%	0.00%	165	141		164.99974 164.99824			100
1752.211	1587.211	195.58471	191.68276	191.68276	100	0.00%	0.00%	165	141	165	164.99673	Achieved		100
1742.211 1732.211	1577.211	195.2008	191.55309 191.43308	191.55309 191.43308	100	0.00%	0.00%	165				Achieved		100
1722.211	1557.211	194.51479	191.33155	191.33155	100	0.00%	0.00%	165	141	165	164.99589	Achieved		100
1712.211 1702.211	1547.211 1537.211	194.19314 193.89005		191.27657 191.25182	100	0.00%	0.00%	165	141					100
1692.211	1527.211	193.6382	191.23881	191.23881	100	0.00%	0.00%	165	141	165	164.99656	Achieved		100
1682.211 1672.211	1517.211	193.41621 193.21501	191.23922 191.2306	191.23922 191.2306	100	0.00%	0.00%	165	141					100
1662.211	1497.211	193.06022	191.22277	191.22277	100	0.00%	0.00%	165	141	165	164.99533	Achieved		100
1652.211 1642.211	1487.211 1477.211	192.93423 192.79764	191.22746	191.22746	100	0.00%	0.00%	165	141		164.99385			100
1632.211	1467.211	192.67558	191.25097	191.25097	100	0.00%	0.00%	165	141	165	164.99236	Achieved		100
1622.211 1612.211	1457.211 1447.211	192.56395	191.27112 191.30642	191.27112 191.30642	100	0.00%	0.00%	165	141		164.99399			100
1602.211	1437.211	192.26098	191.35206	191.35206	100	0.00%	0.00%	165	141	165	165.00159	Achieved		100
1592.211	1427.211 1417.211	192.06402	191.40851 191.46808	191.40851 191.46808	100	0.00%	0.00%	165	141					100
1572.211	1407.211	191.79285	191.53795	191.53795	100	0.00%	0.00%	165	141	165	165.02274	Achieved		100
1562.211	1397.211 1387.211	191.68018 191.59804	191.59824 191.65243	191.59824 191.65243	100	0.00% 0.00%	0.00%	165	141		165.02814			100
1542.211	1377.211	191.56212	191.7021	191.7021	100	0.00%	0.00%	165	141	165	165.03717	Achieved		100
1532.211 1522.211	1367.211		191.68373 191.58121	191.68373 191.58121	100	0.00%	0.00%	165	141			Achieved Achieved		100
1512.211	1347.211	191.53712	191.4034	191.4034	100	0.00%	0.00%	165	141	165	165.04682	Achieved		100
1502.211 1492.211	1337.211 1327.211		191.19321 190.94848	191.19321 190.94848	100		0.00%	165	141					100
1482.211														100

Eye Position	Object Position	Eye Level	Actual Level	Object Level	Design Speed	Instantaneous Grade	Average Grade	Sight Distance Required	Sight Distance Relaxed	Sight Distance Achieved	Sight Distance Along Sight Line Achieved	Sight Line Status	Obstruction	SSD Speed Achieved EDD 2sec RT (km/h)
1472.211	1312.211	191.34931	190.52794	190.52794	100	0.00%	0.00%	165	141	160	160.0588	Relaxed	Vertical alignment	100
1462.211	1310.211	191.55792	190.46966	190.46966	100	0.00%	0.00%	165	141	152	152.06346	Relaxed	Vertical alignment	100
1452.211	1306.211	191.58764	190.35491	190.35491	100	0.00%	0.00%	165	141	146	146.0649	Relaxed	Vertical alignment	100
1442.211	1300.211	191.62922	190.19698	190.19698	100	0.00%	0.00%	165	141	142	142.06386	Relaxed	Vertical alignment	100
1432.211	1292.211	191.67003	189.98241	189.98241	100	0.00%	0.00%	165	141	140	140.06118	Not Achieved	Vertical alignment	90
1422 211	1270.211	191.73837	189.46789	189.46789	100	0.00%	0.00%	165	141	152	152.0546	Relaxed	Vertical alignment	100
1412.211	1247.211	191.79392	189.06852	189.06852	100	0.00%	0.00%	165	141	165	165.04951	Achieved		100
1402.211	1237.211	191.87322	188.90633	188.90633	100	0.00%	0.00%	165	141	165	165.04649	Achieved		100
1392.211	1227.211	191.92529	188.75925	188.75925	100	0.00%	0.00%	165	141	165	165.0461	Achieved		100
1382.211	1217.211	191.98022	188.62312	188.62312	100	0.00%	0.00%	165	141	165	165.04524	Achieved		100
1372.211	1207.211	192.00854	188.50753	188.50753	100	0.00%	0.00%	165	141	165	165.04311	Achieved		100
1362.211	1197.211	191.93864	188.42581	188.42581	100	0.00%	0.00%	165	141	165	165.03837	Achieved		100
1352.211	1187.211	191.80456	188.36041	188.36041	100	0.00%	0.00%	165	141	165	165.03326	Achieved		100
1342.211	1177.211	191.5994	188.29823	188.29823	100	0.00%	0.00%	165	141	165	165.02783	Achieved		100
1332.211	1167.211	191.38148	188.22412	188.22412	100	0.00%	0.00%	165	141	165	165.02428	Achieved		100
1322.211	1157.211	191.11438	188.09103	188.09103	100	0.00%	0.00%	165	141	165	165.0239	Achieved		100
1312.211	1147.211	190.82794	187.83896	187.83896	100	0.00%	0.00%	165	141	165	165.01136	Achieved		100
1302.211	1137.211	190.54996	187.46488	187.46488	100	0.00%	0.00%	165	141	165	165.00766	Achieved		100
1292.211	1127.211	190.28241	187.06499	187.06499	100	0.00%	0.00%	165	141	165	165.00768	Achieved		100
1282.211	1117.211	190.03119	186.6726	186.6726	100	0.00%	0.00%	165	141	165	165.00242	Achieved		100
1272.211	1107.211	189.80642	186.32626	186.32626	100	0.00%	0.00%	165	141	165	164.99833	Achieved		100
1262.211	1097.211	189.61987	186.04252	186.04252	100	0.00%	0.00%	165	141	165	164.9983	Achieved		100
1252.211	1087.211	189.46074	185.80999	185.80999	100	0.00%	0.00%	165	141	165	164.99827	Achieved		100
1242.211	1077.211	189.28616	185.66177	185.66177	100	0.00%	0.00%	165	141	165	164.99824	Achieved		100
1232.211	1067.211	189.13174	185.58399	185.58399	100	0.00%	0.00%	165	141	165	164.99674	Achieved		100
1222.211	1057.211	188.98526	185.52294	185.52294	100	0.00%	0.00%	165	141	165	164.99367	Achieved		100
1212.211	1047.211	188.86415	185.50348	185.50348	100	0.00%	0.00%	165	141	165	164.99061	Achieved		100
1202.211	1037.211	188.7515	185.49651	185.49651	100	0.00%	0.00%	165	141	165	164.98985	Achieved		100
1192.211	1027.211	188.69194	185.55046	185.55046	100	0.00%	0.00%	165	141	165	164.98985	Achieved		100
1182.211	1017.211	188.62051	185.65335	185.65335	100	0.00%	0.00%	165	141	165	164.98989	Achieved		100
1172.211	1007.211	188.56743	185.73499	185.73499	100	0.00%	0.00%	165	141		164.98994	Achieved		100
1162.211	997.211	188.46441	185.8319	185.8319	100	0.00%	0.00%	165	141	163	164.99002	Achieved		100
1152.211	987.211	188.28277	185.90801	185.90801	100	0.00%	0.00%	165	141	165	164.99012	Achieved		100
1142.211	977.211	187.96404	185.92339	185.92339	100	0.00%	0.00%	165	141		164.99025	Achieved		100
1132.211	967.211	187.56419	185.88303	185.88303	100	0.00%	0.00%	165	141	165	164.9904	Achieved		100
1122.211	957.211	187.16669	185.84899	185.84899	100	0.00%	0.00%	165	141	165	164.99212			100
1112.211	947.211	186.79215	185.81834	185.81834	100	0.00%	0.00%	165	141	165	164.99966	Achieved		100
1102.211	937.211	186.48021	185.78824	185.78824	100	0.00%	0.00%	165	141	165	165	Achieved		100
1092.211	927.211	186.21835	185.76002	185.76002	100	0.00%	0.00%	165	141	165	165	Achieved		100

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Crash History Data

Appendix D

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		1			Frankford Ma	in Road (A104	14 - West Ta	mar Highway to	Birralee M	ain Road	l) and Birralee	Main Roa	ad (A1701)			
ID	VCRN	DESCRIPTION	CRASH DATE	CRASH TIME	SEVERITY	SURFACE	LIGHT COND	CENTRELINE	SPEED ZONE		UNIT TYPE			LATITUDE	LONGITUDE	ROAD
30054648		171 - Left off carriageway into object or parked vehicle	02-Jan- 2011	12:05	Minor	Sealed	Daylight	Double - one broken, one continuous	100	1	Light Vehicle			-41.317432	146.924707	Frankford Main Road
30054620		171 - Left off carriageway into object or parked vehicle	02-Feb- 2011	12:50	Property Damage Only	Sealed	Daylight	Double continuous	100	1	Light ∨ehicle			-41.365435	146.844140	Frankford Main Road
30054658		170 - Off carriageway to left	22-Feb- 2011	21:00	Property Damage Only	Sealed	Darkness (without street light)	Single broken	100	1	Light Vehicle			-41.421099	146.821961	Birralee Main Road
30082634		181 - Off right bend into object/parked vehicle	26-Feb- 2011	18:10	Property Damage Only	Sealed	Daylight	Double continuous	100	1	Light Vehicle			-41.493864	146.816806	Birralee Main Road
30084982		113 - Right near	21-Mar- 2011	15:20	Minor	Sealed	Daylight	Single Continuous	060	1	Light Vehicle	2	Light Vehicle	-41.512066	146.827492	Birralee Main Road
30084941		180 - Off carriageway right bend	01-Apr- 2011	20:06	Property Damage Only	Sealed	Darkness (with street light)	Single Continuous	100	1	Light Vehicle			-41.367773	146.831329	Frankford Main Road
30111074		167 - Animal (not ridden)	17-Apr- 2011	19:30	Property Damage Only	Sealed	Darkness (without street light)	Single broken	100	1	Motorcycle			-41.358790	146.853049	Frankford Main Road
30082611		120 - Wrong side/other head on (not overtaking)	14-Jun- 2011	07:30	Property Damage Only	Sealed	Daylight	Single Continuous	100	1	Light Vehicle	2	Light Vehicle	-41.493807	146.816821	Birralee Main Road
30082535		181 - Off right bend into object/parked vehicle	20-Jun- 2011	07:30	Minor	Sealed	Daylight	None	060	1	Light Vehicle			-41.510342	146.825961	Birralee Main Road
30077999		170 - Off carriageway to left	15-Jul- 2011	16:30	Property Damage Only	Sealed	Daylight	None	100	1	Light Vehicle			-41.321443	146.909965	Frankford Main Road
30104409		152 - Pulling out	26-Aug- 2011	11:30	Minor	Sealed	Daylight	Single broken	100	1	Light Vehicle	2	Heavy Vehicle	-41.397493	146.829500	Birralee Main Road
30054694		183 - Off left bend into object/parked vehicle	15-Sep- 2011	15:00	Minor	Sealed	Daylight	Double continuous	100	1	Light Vehicle			-41.368456	146.834675	Frankford Main Road
30054696		183 - Off left bend into object/parked vehicle	20-Sep- 2011	16:37	Property Damage Only	Sealed	Daylight	Double - one broken, one continuous	100	1	Light Vehicle			-41.325071	146.894366	Frankford Main Road
30054953		167 - Animal (not ridden)	27-Oct- 2011	21:35	Property Damage Only	Sealed	Darkness (without street light)	Double - one broken, one continuous	100	1	Light Vehicle			-41.316506	146.926792	Frankford Main Road
30082736		171 - Left off carriageway into object or parked vehicle	30-Nov- 2011	15:40	Minor	Sealed	Daylight	Double continuous	100	1	Light Vehicle			-41.419327	146.821356	Birralee Main Road
30054966		121 - Right through	03-Jan- 2012	13:35	Minor	Sealed	Daylight	Single broken	050	1	Light ∨ehicle	2	Light Vehicle	-41.298416	146.951075	Frankford Main Road
30083350		120 - Wrong side/other head on (not overtaking)	14-Feb- 2012	07:22	Minor	Sealed	Daylight	Double - one broken, one continuous	100	1	Light Vehicle	2	Light Vehicle	-41.338098	146.872338	Frankford Main Road
30054981		180 - Off carriageway right bend	21-Apr- 2012	13:10	Minor	Sealed	Daylight	Double continuous	100	1	Light ∨ehicle			-41.329322	146.878301	Frankford Main Road
30078757		181 - Off right bend into object/parked vehicle	22-May- 2012	18:45	Minor	Sealed	Darkness (without street light)	Double continuous	100	1	Light Vehicle			-41.329554	146.877791	Frankford Main Road

	Frankford Main Road (A1044 - West Tamar Highway to Birralee Main Road) and Birralee Main Road (A1701)															
ID	VCRN	DESCRIPTION	CRASH DATE	CRASH TIME	SEVERITY	SURFACE	LIGHT COND	CENTRELINE	SPEED ZONE		UNIT TYPE		UNIT TYPE	LATITUDE	LONGITUDE	ROAD
30078764		170 - Off carriageway to left	07-Jun- 2012	17:30	First Aid	Sealed	Darkness (without street light)	Double - one broken, one continuous	100	1	Light Vehicle			-41.316339	146.927014	Frankford Main Road
30078539		167 - Animal (not ridden)	17-Jun- 2012	17:25	Property Damage Only	Sealed	Darkness (without street light)	Not known	100	1	Light Vehicle			-41.341984	146.869399	Frankford Main Road
30054989		181 - Off right bend into object/parked vehicle	01-Jul- 2012	19:20	Minor	Sealed	Darkness (without street light)	Single broken	100	1	Light Vehicle			-41.336763	146.873426	Frankford Main Road
30054997		183 - Off left bend into object/parked vehicle	10-Sep- 2012	22:30	Property Damage Only	Sealed	Darkness (without street light)	Double - one broken, one continuous	100	1	Light Vehicle			-41.358120	146.853905	Frankford Main Road
30056219		167 - Animal (not ridden)	10-Sep- 2012	18:30	Property Damage Only	Sealed	Darkness (without street light)	Single broken	100	1	Light Vehicle			-41.402042	146.829217	Birralee Main Road
30058305		152 - Pulling out	25-Oct- 2012	21:43	First Aid	Sealed	Darkness (without street light)	Single broken	100	1	Light Vehicle	2	Light Vehicle	-41.368547	146.831443	Birralee Main Road
30058318		180 - Off carriageway right bend	08-Mar- 2013	09:15	Property Damage Only	Sealed	Daylight	Double continuous	100	1	Light Vehicle			-41.389419	146.833388	Birralee Main Road
7637	130001 06	174 - Out of control on carriageway	07-Apr- 2013	14:34	Minor	Sealed	Daylight	Single broken	100	1	Motorcycle			-41.376207	146.834046	Birralee Main Road
16436	130003 48	116 - Left near	19-Apr- 2013	06:09	Minor	Sealed	Darkness (without street light)	Single broken	100	1	Light Vehicle	2	Light Vehicle	-41.337907	146.872523	Frankford Main Road
17908	130006 13	173 - Right off carriageway into object or parked vehicle	07-May- 2013	04:39	Minor	Sealed	Darkness (without street light)	None	100	1	Light Vehicle			-41.508339	146.824485	Birralee Main Road
27080	130010 24	181 - Off right bend into object/parked vehicle	30-May- 2013	06:15	Property Damage Only	Sealed	Darkness (without street light)	Double continuous	100	1	Light Vehicle			-41.329280	146.878394	Frankford Main Road
79480	130015 26	171 - Left off carriageway into object or parked vehicle	29-Jun- 2013	20:20	Minor	Sealed	Darkness (without street light)	None	100	1	Light Vehicle			-41.471473	146.841947	Birralee Main Road
85582	130016 65	180 - Off carriageway right bend	06-Jul- 2013	09:55	Property Damage Only	Sealed	Daylight	Double continuous	100	1	Light Vehicle			-41.481114	146.831326	Birralee Main Road
95865	130018 52	131 - Vehicles in same lane/ left rear	15-Jul- 2013	10:35	Property Damage Only	Sealed	Daylight	Double - one broken, one continuous	100	1	Light Vehicle	2	Heavy Vehicle	-41.331085	146.876507	Frankford Main Road
105066	130022 09	170 - Off carriageway to left	30-Jul- 2013	10:00	Property Damage Only	Sealed	Daylight	Single broken	100	1	Light ∨ehicle			-41.348721	146.863325	Frankford Main Road
102869	130021 16	118 - Two left turn	01-Aug- 2013	11:13	Property Damage Only	Sealed	Daylight	Single Continuous	100	1	Light Vehicle	2	Light Vehicle	-41.453362	146.833483	Birralee Main Road
106353	130022 75	117 - Left/right far	10-Aug- 2013	08:10	Property Damage Only	Sealed	Daylight	Single broken	050	1	Light Vehicle	2	Light Vehicle	-41.298416	146.951075	Frankford Main Road

	-			I	Frankford Ma	in Road (A104	14 - West Ta	mar Highway to	Birralee M	ain Road	d) and Birralee I	Main Roa	ad (A1701)	1		
ID	VCRN	DESCRIPTION	CRASH DATE	CRASH TIME	SEVERITY	SURFACE	LIGHT COND	CENTRELINE	SPEED ZONE		UNIT TYPE	UNIT NO		LATITUDE		ROAD
153161	130039 04	131 - Vehicles in same lane/ left rear	16-Nov- 2013	10:01	Serious	Sealed	Daylight	Double continuous	100	1	Bicycle	2	Bicycle	-41.351185	146.860784	Frankford Main Road
153248	130039 08	130 - Vehicles in same lane/ rear end	17-Nov- 2013	10:30	Property Damage Only	Sealed	Daylight	Double - one broken, one continuous	080	1	Light Vehicle	2	Light Vehicle	-41.303718	146.938433	Frankford Main Road
163453	130041 76	181 - Off right bend into object/parked vehicle	02-Dec- 2013	16:00	Minor	Sealed	Daylight	Double continuous	100	1	Light Vehicle			-41.358095	146.853928	Frankford Main Road
170844	130043 71	173 - Right off carriageway into object or parked vehicle	08-Dec- 2013	10:05	Property Damage Only	Sealed	Daylight	Double continuous	100	1	Light Vehicle			-41.361666	146.849613	Frankford Main Road
169954	130043 47	189 - Other curve	10-Dec- 2013	12:00	Property Damage Only	Sealed	Daylight	Double continuous	100	1	Light Vehicle			-41.329413	146.878101	Frankford Main Road
171783	130043 93	171 - Left off carriageway into object or parked vehicle	13-Dec- 2013	21:21	First Aid	Sealed	Darkness (without street light)	Double continuous	080	1	Motorcycle			-41.480308	146.832764	Birralee Main Road
211495	140006 83	172 - Off carriageway to right	07-Feb- 2014	07:54	Serious	Sealed	Daylight	Single broken	100	1	Light Vehicle			-41.320625	146.914815	Frankford Main Road
239792	140014 27	129 - Other opposing	19-Mar- 2014	16:05	Property Damage Only	Sealed	Daylight	Single broken	100	1	Heavy Vehicle	2	Light ∨ehicle	-41.318547	146.921626	Frankford Main Road
260578	140018 64	189 - Other curve	08-Apr- 2014	10:11	First Aid	Sealed	Daylight	Single Continuous	100	1	Light Vehicle			-41.480992	146.831469	Birralee Main Road
286380	140023 01	179 - Other straight	02-May- 2014	22:35	Property Damage Only	Sealed	Darkness (without street light)	Double continuous	100	1	Light Vehicle			-41.495141	146.817356	Birralee Main Road
291559	140024 15	181 - Off right bend into object/parked vehicle	10-May- 2014	13:40	Property Damage Only	Sealed	Daylight	Double - one broken, one continuous	100	1	Light ∨ehicle			-41.471289	146.842104	Birralee Main Road
301500	140026 87	111 - Right far	23-May- 2014	09:30	Property Damage Only	Sealed	Daylight	Single Continuous	060	1	Light Vehicle	2	Heavy Vehicle	-41.298416	146.951075	Frankford Main Road
348186	140037 37	179 - Other straight	22-Jul- 2014	04:30	Property Damage Only	Sealed	Darkness (without street light)	Single broken	Not known	1	Light Vehicle			-41.328672	146.885823	Frankford Main Road
356585	140039 18	189 - Other curve	01-Aug- 2014	18:46	Property Damage Only	Sealed	Darkness (without street light)	Double continuous	100	1	Light Vehicle			-41.344044	146.866577	Frankford Main Road
403391	140048 89	174 - Out of control on carriageway	27-Sep- 2014	09:20	Minor	Sealed	Daylight	Single broken	100	1	Bicycle			-41.331035	146.876538	Frankford Main Road
436401	140055 66	139 - Other same direction (including vehicle rolling backwards)	10-Nov- 2014	07:05	Property Damage Only	Sealed	Daylight	Double - one broken, one continuous	100	1	Light Vehicle	2	Light Vehicle	-41.454207	146.833797	Birralee Main Road
466453	140062 62	182 - Off carriageway left bend	16-Dec- 2014	18:00	Minor	Sealed	Daylight	Single broken	100	1	Light Vehicle			-41.467368	146.841214	Birralee Main Road
494738	150002 30	120 - Wrong side/other head on (not overtaking)	14-Jan- 2015	06:30	Fatal	Sealed	Dawn / Dusk	Double continuous	100	1	Light ∨ehicle	2	Heavy Vehicle	-41.329287	146.878378	Frankford Main Road
511068	150005 38	189 - Other curve	29-Jan- 2015	16:25	Minor	Sealed	Daylight	Double - one broken, one continuous	100	1	Heavy Vehicle			-41.383239	146.833290	Birralee Main Road

	Frankford Main Road (A1044 - West Tamar Highway to Birralee Main Road) and Birralee Main Road (A1701)															
ID	VCRN	DESCRIPTION	CRASH DATE	CRASH TIME	SEVERITY	SURFACE	LIGHT COND	CENTRELINE	SPEED ZONE	UNIT NO	UNIT TYPE			LATITUDE	LONGITUDE	ROAD
513984	150005 79	167 - Animal (not ridden)	01-Feb- 2015	21:09	Property Damage Only	Sealed	Darkness (without street light)	Single broken	100	1	Light Vehicle			-41.476706	146.836691	Birralee Main Road
526186	150007 76	132 - Vehicles in same lane/ right rear	11-Feb- 2015	10:29	Minor	Sealed	Daylight	Double - one broken, one continuous	060	1	Bicycle	2	Light Vehicle	-41.300046	146.946732	Frankford Main Road
531929	150010 69	179 - Other straight	24-Feb- 2015	19:33	Property Damage Only	Sealed	Dawn / Dusk	Single Continuous	100	1	Light Vehicle			-41.357851	146.854149	Frankford Main Road
554441	150022 06	179 - Other straight	16-Apr- 2015	15:30	Minor	Sealed	Daylight	Not known	100	1	Light Vehicle			-41.343651	146.867184	Frankford Main Road
564082	150024 99	167 - Animal (not ridden)	10-May- 2015	02:15	Property Damage Only	Unsealed	Darkness (without street light)	None	060	1	Light Vehicle			-41.458482	146.835404	Birralee Main Road
566211	150025 74	181 - Off right bend into object/parked vehicle	13-May- 2015	16:20	Minor	Sealed	Daylight	Double continuous	100	1	Heavy Vehicle			-41.493834	146.816813	Birralee Main Road
581452	150028 14	113 - Right near	27-May- 2015	16:14	Property Damage Only	Sealed	Daylight	Single broken	100	1	Light Vehicle	2	Light Vehicle	-41.339466	146.871125	Frankford Main Road
700958	150031 95	189 - Other curve	15-Jun- 2015	22:00	Property Damage Only	Sealed	Darkness (without street light)	Single broken	100	1	Light Vehicle			-41.310525	146.933749	Frankford Main Road
822765	150037 90	183 - Off left bend into object/parked vehicle	19-Jul- 2015	11:00	Property Damage Only	Sealed	Daylight	Single broken	060	1	Light Vehicle			-41.298388	146.951101	Frankford Main Road
872045	150039 63	179 - Other straight	29-Jul- 2015	14:19	Minor	Sealed	Daylight	Double continuous	100	1	Light Vehicle			-41.403625	146.829241	Birralee Main Road
899375	150042 14	167 - Animal (not ridden)	10-Aug- 2015	19:15	Property Damage Only	Sealed	Darkness (without street light)	None	100	1	Light Vehicle			-41.322582	146.903143	Frankford Main Road
938441	150046 06	167 - Animal (not ridden)	30-Aug- 2015	20:00	Property Damage Only	Sealed	Darkness (without street light)	Single Continuous	100	1	Light Vehicle			-41.328964	146.884877	Frankford Main Road
1016622	150052 30	120 - Wrong side/other head on (not overtaking)	14-Oct- 2015	07:14	Minor	Sealed	Daylight	None	080	1	Light Vehicle	2	Light Vehicle	-41.378583	146.834765	Birralee Main Road
1050441	150054 66	184 - Out of control on carriageway	24-Oct- 2015	12:00	Minor	Sealed	Daylight	Single broken	100	1	Motorcycle			-41.481230	146.831201	Birralee Main Road
1056569	150055 03	189 - Other curve	31-Oct- 2015	18:10	Property Damage Only	Sealed	Daylight	Double continuous	100	1	Light Vehicle			-41.495486	146.817484	Birralee Main Road
1094636	150057 31	110 - Cross traffic	12-Nov- 2015	13:20	Minor	Sealed	Daylight	Double broken	100	1	Light Vehicle	2	Heavy Vehicle	-41.315274	146.928324	Frankford Main Road
1141839	150060 23	140 - U turn	26-Nov- 2015	17:46	Fatal	Sealed	Daylight	Double continuous	100	1	Light Vehicle	2	Heavy Vehicle	-41.441239	146.828965	Birralee Main Road
1218825	150064 42	130 - Vehicles in same lane/ rear end	18-Dec- 2015	14:11	Property Damage Only	Sealed	Daylight	Double continuous	060	1	Light Vehicle	2	Light Vehicle	-41.301668	146.942250	Frankford Main Road
1535580	160015 07	167 - Animal (not ridden)	20-Mar- 2016	22:00	Property Damage Only	Sealed	Darkness (without street light)	Single broken	100	1	Light ∨ehicle			-41.320999	146.912475	Frankford Main Road

	Frankford Main Road (A1044 - West Tamar Highway to Birralee Main Road) and Birralee Main Road (A1701)															
ID	VCRN	DESCRIPTION	CRASH DATE	CRASH TIME	SEVERITY	SURFACE	LIGHT COND	CENTRELINE	SPEED ZONE		UNIT TYPE			LATITUDE	LONGITUDE	ROAD
1891432	160041 81	166 - Struck object on carriageway	14-Aug- 2016	18:35	Property Damage Only	Sealed	Darkness (without street light)	Single broken	100	1	Light Vehicle			-41.485809	146.827856	Birralee Main Road
1892126	160042 11	173 - Right off carriageway into object or parked vehicle	16-Aug- 2016	00:50	Property Damage Only	Sealed	Darkness (without street light)	Single broken	100	1	Light Vehicle			-41.338532	146.871917	Frankford Main Road
1906483	160047 65	171 - Left off carriageway into object or parked vehicle	18-Sep- 2016	15:30	First Aid	Sealed	Daylight	Single broken	100	1	Light Vehicle			-41.328177	146.887112	Frankford Main Road
1918503	160050 58	180 - Off carriageway right bend	03-Oct- 2016	15:30	Property Damage Only	Sealed	Daylight	Single broken	100	1	Light Vehicle			-41.427327	146.824027	Birralee Main Road
1979752	160063 51	170 - Off carriageway to left	10-Dec- 2016	09:47	Property Damage Only	Sealed	Daylight	Single broken	100	1	Light Vehicle			-41.317188	146.925297	Frankford Main Road
2024954	170016 50	172 - Off carriageway to right	26-Mar- 2017	07:25	Minor	Sealed	Daylight	Double continuous	100	1	Light Vehicle			-41.322518	146.903511	Frankford Main Road
2031573	170019 63	152 - Pulling out	07-Apr- 2017	15:15	Property Damage Only	Sealed	Daylight	Double - one broken, one continuous	100	1	Heavy Vehicle	2	Light Vehicle	-41.356651	146.854985	Frankford Main Road
2035889	170021 69	189 - Other curve	22-Apr- 2017	15:53	Property Damage Only	Sealed	Daylight	Single Continuous	100	1	Light Vehicle			-41.480995	146.831464	Birralee Main Road
2035901	170021 70	184 - Out of control on carriageway	22-Apr- 2017	16:30	First Aid	Sealed	Daylight	Single Continuous	100	1	Light Vehicle			-41.480718	146.831913	Birralee Main Road
2044663	170025 88	189 - Other curve	13-May- 2017	14:00	Property Damage Only	Sealed	Daylight	Double continuous	100	1	Light Vehicle			-41.410333	146.822623	Birralee Main Road
2056855	170031 67	132 - Vehicles in same lane/ right rear	16-Jun- 2017	09:04	Minor	Sealed	Daylight	Single broken	100	1	Light Vehicle	2	Light Vehicle	-41.321288	146.910787	Frankford Main Road
2068336	170036 76	159 - Other overtaking	11-Jul- 2017	18:06	First Aid	Sealed	Darkness (without street light)	Single broken	100	1	Heavy Vehicle	2	Light Vehicle	-41.315274	146.928324	Frankford Main Road
2090948	170047 44	173 - Right off carriageway into object or parked vehicle	09-Sep- 2017	15:30	Minor	Sealed	Daylight	Single broken	100	1	Light Vehicle			-41.327524	146.888792	Frankford Main Road
2096805	170050 21	170 - Off carriageway to left	25-Sep- 2017	17:35	Property Damage Only	Sealed	Daylight	Double continuous	100	1	Light Vehicle			-41.331263	146.876433	Frankford Main Road
2103271	170053 24	152 - Pulling out	11-Oct- 2017	11:20	First Aid	Sealed	Daylight	Double - one broken, one continuous	100	1	Heavy Vehicle	2	Light Vehicle	-41.328177	146.887112	Frankford Main Road
2118465	170060 56	189 - Other curve	20-Nov- 2017	19:20	Property Damage Only	Sealed	Daylight	Double continuous	100	1	Light Vehicle			-41.493703	146.817016	Birralee Main Road
48784647	170063 18	167 - Animal (not ridden)	02-Dec- 2017	21:05	Property Damage Only	Sealed	Darkness (with street light)	Single broken	100	1	Light Vehicle			-41.334128	146.874725	Frankford Main Road
49125259	180009 58	171 - Left off carriageway into object or parked vehicle	16-Feb- 2018	17:15	Minor	Sealed	Daylight	Double - one broken, one continuous	100	1	Light Vehicle			-41.326708	146.890757	Frankford Main Road
49200776	180021 18	189 - Other curve	14-Apr- 2018	08:50	Property Damage Only	Sealed	Daylight	Double continuous	100	1	Light Vehicle			-41.368444	146.834445	Frankford Main Road

	Frankford Main Road (A1044 - West Tamar Highway to Birralee Main Road) and Birralee Main Road (A1701)															
ID	VCRN	DESCRIPTION	CRASH DATE	CRASH TIME	SEVERITY	SURFACE	LIGHT COND	CENTRELINE	SPEED ZONE	UNIT NO	UNIT TYPE			LATITUDE	LONGITUDE	ROAD
49279535	180030 03	189 - Other curve	29-May- 2018	08:30	Property Damage Only	Sealed	Daylight	Single Continuous	100	1	Light Vehicle			-41.366826	146.842883	Frankford Main Road
49437296	180042 06	179 - Other straight	27-Jul- 2018	19:45	Property Damage Only	Sealed	Darkness (without street light)	Single broken	100	1	Light Vehicle			-41.403042	146.829261	Birralee Main Road
49600344	180051 81	181 - Off right bend into object/parked vehicle	16-Sep- 2018	13:20	Serious	Sealed	Daylight	Double continuous	100	1	Motorcycle			-41.385965	146.834351	Birralee Main Road
49979864	190025 36	179 - Other straight	12-Nov- 2018	06:45	Minor	Sealed	Daylight	Single Continuous	100	1	Light Vehicle			-41.322275	146.904927	Frankford Main Road
49717192	180067 45	132 - Vehicles in same lane/ right rear	06-Dec- 2018	17:10	Serious	Sealed	Daylight	Double continuous	060	1	Motorcycle	2	Light Vehicle	-41.299908	146.947105	Frankford Main Road
49743376	180069 52	184 - Out of control on carriageway	17-Dec- 2018	12:20	Serious	Sealed	Daylight	Single broken	100	1	Light Vehicle			-41.408761	146.824908	Birralee Main Road
49792885	190001 32	189 - Other curve	05-Jan- 2019	15:00	Serious	Sealed	Daylight	Not known	100	1	Motorcycle			-41.383256	146.833295	Birralee Main Road
49770529	190000 94	111 - Right far	06-Jan- 2019	16:35	Property Damage Only	Sealed	Daylight	Double continuous	050	1	Light Vehicle	2	Light Vehicle	-41.298388	146.951101	Frankford Main Road
49830522	190004 80	183 - Off left bend into object/parked vehicle	25-Jan- 2019	10:00	Minor	Sealed	Daylight	Single broken	100	1	Light Vehicle			-41.316521	146.926742	Frankford Main Road
49971727	190023 60	181 - Off right bend into object/parked vehicle	20-Apr- 2019	00:04	Fatal	Sealed	Darkness (without street light)	Double continuous	100	1	Light Vehicle			-41.359066	146.852587	Frankford Main Road
50300533	190061 13	132 - Vehicles in same lane/ right rear	22-Oct- 2019	09:10	First Aid	Sealed	Daylight	Single broken	100	1	Light Vehicle	2	Heavy Vehicle	-41.315274	146.928324	Frankford Main Road
50301788	190061 61	189 - Other curve	24-Oct- 2019	08:51	First Aid	Sealed	Daylight	Single Continuous	100	1	Light Vehicle			-41.367120	146.841980	Frankford Main Road
50357493	190068 91	131 - Vehicles in same lane/ left rear	27-Nov- 2019	15:00	Property Damage Only	Sealed	Daylight	Single broken	100	1	Light Vehicle	2	Light Vehicle	-41.315274	146.928324	Frankford Main Road
50590285	200010 41	189 - Other curve	20-Feb- 2020	14:13	Property Damage Only	Sealed	Daylight	Double continuous	100	1	Heavy Vehicle			-41.383301	146.833294	Birralee Main Road
50590826	200010 75	173 - Right off carriageway into object or parked vehicle	21-Feb- 2020	13:48	Property Damage Only	Sealed	Daylight	Single broken	100	1	Light Vehicle			-41.354451	146.856580	Frankford Main Road
50604218	200015 15	189 - Other curve	09-Mar- 2020	06:52	Serious	Sealed	Daylight	Double - one broken, one continuous	100	1	Light Vehicle			-41.405855	146.829085	Birralee Main Road
50657796	200023 97	130 - Vehicles in same lane/ rear end	15-May- 2020	12:17	Property Damage Only	Sealed	Daylight	Single broken	100	1	Heavy Vehicle	2	Heavy Vehicle	-41.317186	146.925303	Frankford Main Road
50670422	200026 96	152 - Pulling out	03-Jun- 2020	14:00	Minor	Sealed	Daylight	Double - one broken, one continuous	100	1	Light Vehicle	2	Heavy Vehicle	-41.311245	146.932995	Frankford Main Road
50760254	200038 87	113 - Right near	11-Aug- 2020	07:00	Property Damage Only	Sealed	Dawn / Dusk	Double continuous	060	1	Light Vehicle	2	Heavy Vehicle	-41.298388	146.951101	Frankford Main Road
50861793	200056 03	183 - Off left bend into object/parked vehicle	15-Nov- 2020	14:15	Minor	Sealed	Daylight	Single broken	100	1	Motorcycle			-41.383250	146.833296	Birralee Main Road
50880772	200059 17	n/a	15-Nov- 2020	13:45	Minor	Unsealed	Daylight	None	100	1	Motorcycle			-41.476051	146.837118	Birralee Main Road
50914493	200064 28	189 - Other curve	22-Dec- 2020	06:26	Minor	Sealed	Daylight	Double continuous	100	1	Light Vehicle			-41.368438	146.834345	Frankford Main Road

	Frankford Main Road (A1044 - West Tamar Highway to Birralee Main Road) and Birralee Main Road (A1701)															
ID	VCRN	DESCRIPTION	CRASH DATE	CRASH TIME	SEVERITY	SURFACE	LIGHT COND	CENTRELINE	SPEED ZONE		UNIT TYPE	UNIT NO	UNIT TYPE	LATITUDE	LONGITUDE	ROAD
50992746	210013 74	183 - Off left bend into object/parked vehicle	01-Mar- 2021	15:44	Property Damage Only	Sealed	Daylight	Single Continuous	100	1	Light Vehicle			-41.493899	146.816905	Birralee Main Road
51016699	210018 90	n/a	24-Mar- 2021	16:48	Property Damage Only	Sealed	Daylight	Double continuous	100	1	Light Vehicle			-41.365173	146.844294	Frankford Main Road
51016805	210018 97	n/a	24-Mar- 2021	03:30	Property Damage Only	Sealed	Darkness (without street light)	Double continuous	100	1	Other			-41.383116	146.833253	Birralee Main Road
51028298	210022 83	n/a	10-Apr- 2021	21:46	Minor	Sealed	Darkness (without street light)	Double continuous	100	1	Light Vehicle			-41.409234	146.824370	Birralee Main Road



Engineer's Cost Estimate Breakdowns

Appendix E

pitt&sherry

Note for the parts below, Part 1 incorporates pavement rehabilitation and service relocation works, and Part 8 covers accesses. The parts are summarised as per the standard Department of State Growth bill of quantities template.

Table 18: Frankford Main Road – Section 1: Link 05 CH 0.97 to CH 2.82

		Amount										
Part	Item	Excluding Pavement Rehabilitation	Including Pavement Rehabilitation									
1	Project Specific	\$ -	\$ 103,000									
2	Earthworks	\$ 237,000	\$ 237,000									
3	Drainage	\$ 261,000	\$ 261,000									
4	Pavement	\$ 390,000	\$ 390,000									
5	Bituminous Surfacing	\$ 118,000	\$ 118,000									
6	Traffic Facilities	\$ 175,000	\$ 175,000									
7	Landscaping	\$ 7,000	\$ 7,000									
8	Miscellaneous	\$ 190,000	\$ 190,000									
9	Precast Units	\$ -	\$ -									
	Total	\$ 1,378,000	\$ 1,481,000									

Table 19: Frankford Main Road – Section 2: Link 05 CH 2.82 to CH 5.12

		Amount										
Part	Item	Excluding Pavement Rehabilitation	Including Pavement Rehabilitation									
1	Project Specific	\$ 20,000	\$ 129,000									
2	Earthworks	\$ 318,000	\$ 318,000									
3	Drainage	\$ 356,000	\$ 356,000									
4	Pavement	\$ 500,000	\$ 500,000									
5	Bituminous Surfacing	\$ 148,000	\$ 148,000									
6	Traffic Facilities	\$ 300,000	\$ 300,000									
7	Landscaping	\$ 16,000	\$ 16,000									
8	Miscellaneous	\$ 150,000	\$ 150,000									
9	Precast Units	\$ -	\$ -									
	Total	\$ 1,806,000	\$ 1,915,000									

		Amount									
Part	Item	Excluding Pavement Rehabilitation	Including Pavement Rehabilitation								
1	Project Specific	\$ 102,000	\$ 163,000								
2	Earthworks	\$ 138,000	\$ 138,000								
3	Drainage	\$ 132,000	\$ 132,000								
4	Pavement	\$ 221,000	\$ 221,000								
5	Bituminous Surfacing	\$ 62,000	\$ 62,000								
6	Traffic Facilities	\$ 82,000	\$ 82,000								
7	Landscaping	\$ 6,000	\$ 6,000								
8	Miscellaneous	\$ 110,000	\$ 110,000								
9	Precast Units	\$ -	\$ -								
	Total	\$ 852,000	\$ 914,000								

Table 20: Frankford Main Road - Section 3: Link 05 CH 5.12 to CH 6.1

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Table 21: Frankford Main Road – Section 4: Link 05 CH 6.1 to CH 8.06 + Link 21 CH 0.00 to CH 0.38

		Amount										
Part	Item	Excluding Pavement Rehabilitation	Including Pavement Rehabilitation									
1	Project Specific	\$ 20,000	\$ 118,000									
2	Earthworks	\$ 345,000	\$ 345,000									
3	Drainage	\$ 302,000	\$ 302,000									
4	Pavement	\$ 516,000	\$ 516,000									
5	Bituminous Surfacing	\$ 154,000	\$ 154,000									
6	Traffic Facilities	\$ 209,000	\$ 209,000									
7	Landscaping	\$ 17,000	\$ 17,000									
8	Miscellaneous	\$ 100,000	\$ 100,000									
9	Precast Units	\$ -	\$-									
	Total	\$ 1,663,000	\$ 1,761,000									

		Amount										
Part	Item	Excluding Pavement Rehabilitation	Including Pavement Rehabilitation									
1	Project Specific	\$ 110,000	\$ 244,000									
2	Earthworks	\$ 745,000	\$ 745,000									
3	Drainage	\$ 844,000	\$ 844,000									
4	Pavement	\$ 1,115,000	\$ 1,115,000									
5	Bituminous Surfacing	\$ 332,000	\$ 332,000									
6	Traffic Facilities	\$ 453,000	\$ 453,000									
7	Landscaping	\$ 35,000	\$ 35,000									
8	Miscellaneous	\$ 230,000	\$ 230,000									
9	Precast Units	\$ -	\$ -									
	Total	\$ 3,863,000	\$ 3,997,000									

Table 22: Frankford Main Road – Section 5: Link 21 CH 0.38 to CH 5.47

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Table 23: Birralee Main Road

		Amount										
Part	Item	Excluding Pavement Rehabilitation	Including Pavement Rehabilitation									
1	Project Specific	\$ 330,000	\$ 1,167,000									
2	Earthworks	\$ 3,381,000	\$ 3,381,000									
3	Drainage	\$ 2,979,000	\$ 2,979,000									
4	Pavement	\$ 4,223,000	\$ 4,223,000									
5	Bituminous Surfacing	\$ 1,148,000	\$ 1,148,000									
6	Traffic Facilities	\$ 1,232,000	\$ 1,232,000									
7	Landscaping	\$ 449,000	\$ 449,000									
8	Miscellaneous	\$ 820,000	\$ 820,000									
9	Precast Units	\$-	\$ -									
	Total	\$ 14,562,000	\$ 15,399,000									

pitt&sherry

Northern Roads Package Stage 2 Frankford Main Road and Birralee Main Road Options Analysis – Concept Design

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Located nationally -

Melbourne Sydney Brisbane Hobart Launceston Newcastle Devonport



Record 8

Project Proposal Report

Project Name	Northern Roads Package – Stage I – Batman Highway – Development and Delivery
Version Number	2
Date submitted to the DITCRD	30 September 2020