Figure 20: Glengarry Hills curve – Link 05 chainage 7.3 (Google Map Data ©2021)

2.10.2 Birralee Main Road – Link 94 chainage 8.4

The second area of concern raised at the public information session was a horizontal curve on Birralee Main Road at Link 94 CH 8.4 on the approach to the Frankford Main Road intersection. A nearby property owner noted this curve as being highly dangerous and requested whether something could be done about it in terms of road realignment. This corner was also raised by a number of other people and should be investigated during design. This anecdotal evidence is supported by the crash history on the curve, with five crashes here in the past ten years, including one "serious". Refer to Figure 21 for a plan highlighting the curve in question.

Section 2.4 shows the operating speed and stopping sight distance respectively for this section of Birralee Main Road. The operating speed at this curve is approximately 70 km/h which is due to a number of sequential horizontal curves. The SSD however appears to be acceptable for 100 km/h on this curve. Crash history data in Section 2.6 identifies a cluster of crashes at this corner in the past ten years which is consistent with anecdotal evidence provided by stakeholders and the public display session.

Figure 21: Birralee Road corner – Link 94 chainage 8.4 (Google Map Data ©2021)

2.10.3 Intersections

There are a number of intersections along both Frankford Main Road and Birralee Main Road which would benefit from formalised right and/or left turn facilities. Intersection upgrades do not form part of the scope of this project however, and therefore budget is not available to incorporate them.

The main intersections along the roads are summarised in Table 11. There are also a number of access roads in addition to these.

Table 11: Intersections along Frankford Main Road and Birralee Main Road

Road	Link No.	Chainage (km)	Intersection Name
Frankford Main Road (A1044)	05	2.77	Long Plains Road
		4.15	Loop Road
		6.55	Loop Road
		6.87	Kerrisons Road
		7.10	Glengarry Drive
	21	0.37	Glengarry Road
		0.55	Turkey Farm Road
		2.13	Lamont Road
Birralee Main Road (A1701)	8	2.70	Eggmont Reserve Rest Area
		8.32	Selbourne Road
	94	4.68	Priestleys Lane
		6.69	Delantys Road
		9.94	Ginns Road

3. Road widening and pavement rehabilitation options

A separate pavement design report has been prepared which summarises all details regarding the existing pavement condition and the recommended pavement widening and rehabilitation designs. The target road widths for both Frankford Main Road and Birralee Main Road as provided by the Department are as follows:

- Total Sealed Lanes 2 No. 6 m
- Total Sealed Shoulders 2 m
- Total Unsealed Shoulders 1 m
- Total Seal Width 8 m; and
- Total Carriageway Width 9 m.

A section of Frankford Main Road was initially assumed to be excluded from the scope and budget during the early scoping phase of the Northern Roads Package, since seal width data supplied by the Department showed the existing widths were close to the desired seal width. This is between Link 05 CH 2.82 to CH 8.06, and Link 21 CH 0.00 to CH 0.38. Deflectograph data showed that pavement rehabilitation was required between Link 05 CH 5.12 and CH 6.10 however, so this was included in the scope. Survey data has subsequently shown though that these widths were not accurate, and widening is required along sections. pitt&sherry has only been engaged to design the sections initially in the scope, however at the time of writing the Department has now requested for pitt&sherry to provide a change order to design the sections initially assumed to be sufficient in width, and additional budget will be required to be sought to construct these sections.

The widening on Frankford Main Road was also agreed with the Department to tie in at Stoney Brook Bridge at Link 05 CH 0.97, rather than taking the widening all the way to the West Tamar Highway intersection. This section between the West Tamar Highway and the bridge has a 60 km/h speed limit with a number of residential dwellings.

To simplify the above, Frankford Main Road is broken down into the follow sections, summarised in Table 12 and Figure 22.

Table 12: Frankford Main Road sections

Link No.	Chainage (km)	Section	Comment
05	0.97 to 2.82	1	In current scope
05	2.82 to 5.12	2	Out of current scope (requiring change order for design and additional construction budget)
05	5.12 to 6.10	3	In scope
05	6.10 to 8.06	4	Out of current scope (requiring change order for design and additional construction budget)
21	0.00 to 0.38		
21	0.38 to 5.47	5	In scope

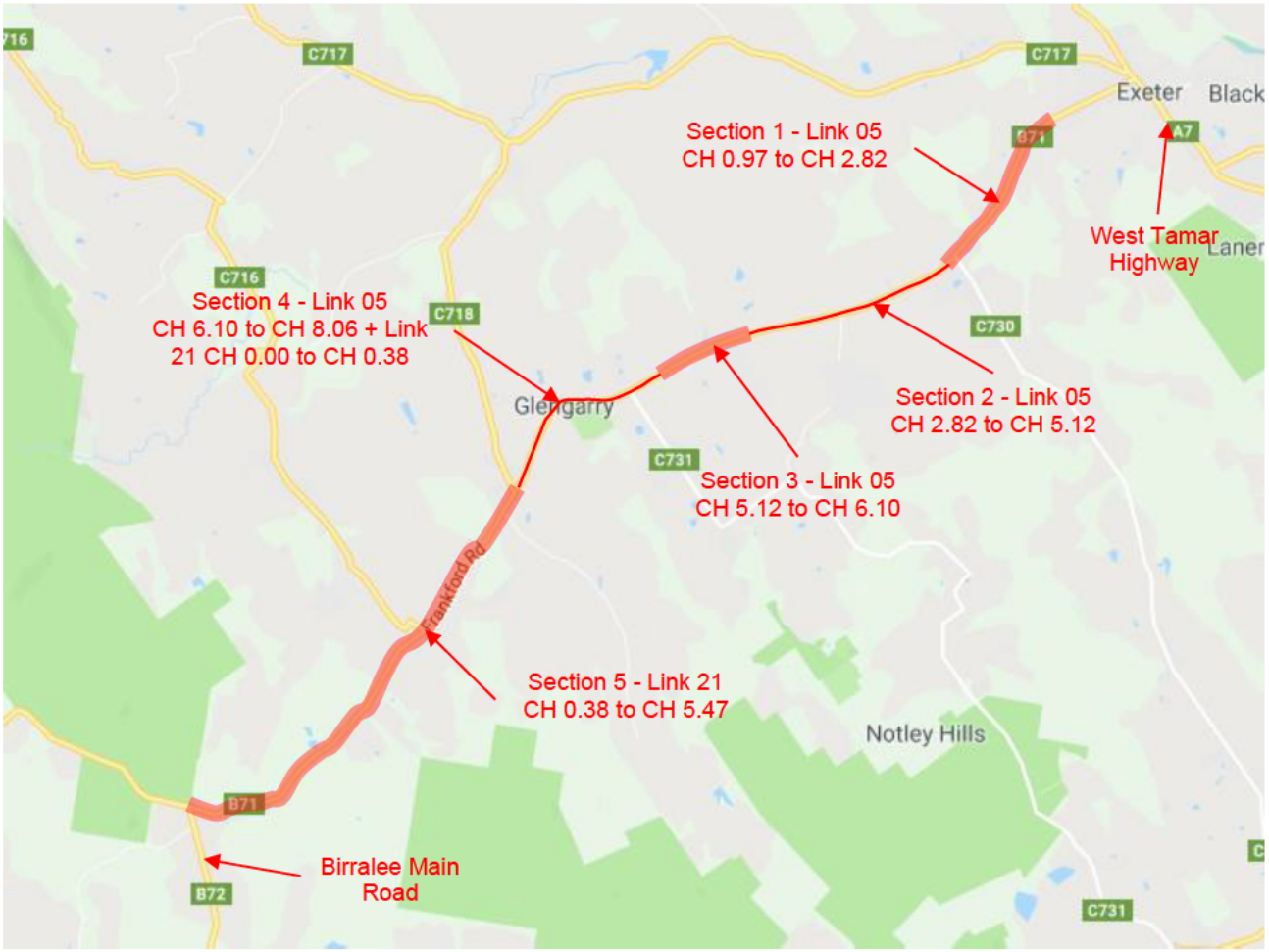


Figure 22: Frankford Main Road sections (Google Map Data ©2021)

The following sections explore the options for pavement widening and rehabilitation for Frankford Main Road and Birralee Main Road with the target of remaining within the remaining budget. The cost estimates for Frankford Main Road have been broken up into sections as discussed to account for those which were originally in scope and those which weren't.

3.1 Northern Roads Package remaining budget

Commonwealth Project Proposal Reports (PPR) have been previously submitted for the Northern Roads Package scoping phase works and for the Batman Highway development and delivery works. Table 13 outlines the total budget; claims for the scoping phase works and for the Batman Highway development and delivery works; and the remaining budget for Frankford Main Road and Birralee Main Road.

Table 13: Northern Roads Package remaining budget

	Total P50	Total P90
Total Budget	$50,300,000	$55,000,000
Northern Roads Scoping Phase PPR	$2,921,979	$3,191,289
Batman Development and Delivery PPR	$17,734,152	$19,432,567
Remaining for Frankford + Birralee Development and Delivery PPR	$29,643,869	$32,376,144

The following sections outlining Cost Estimates for each option are preliminary engineer's estimates only. Actual prices, costs and other variables may be different to those used to prepare the Cost Estimate and may change. Unless specified in this report, no detailed quotation has been obtained for actions identified in this report. pitt&sherry does not represent, warrant or guarantee that the project can or will be undertaken at a cost which is the same or less than the Cost Estimate. A further breakdown of the engineer's Cost Estimate for each section is provided in Appendix E.

Where estimates of potential costs are provided with an indicated level of confidence, notwithstanding the conservatism of the level of confidence selected as the planning level, there remains a chance that the cost will be greater than the planning estimate, and any funding would not be adequate. The confidence level considered to be most appropriate for planning purposes will vary depending on the conservatism of the user and the nature of the project. The user should therefore select appropriate confidence levels to suit their particular risk profile.

3.2 Estimate assumptions

3.2.1 Construction methodology and timeframe

The project will be separated into multiple packages for the delivery of the construction works, however it is currently unknown how these will be broken down. The packages for Frankford will not necessarily align with the stages outlined in Table 12 and Figure 22.

The Department of State Growth is anticipating that the construction of the Frankford Main Road and Birralee Main Road portions of the Northern Roads Package is to occur over the 2022/2023 and 2023/2024 construction seasons. It is assumed the majority of the works will be constructed over the 2022/2023 season.

Delivery of additional works proposed to be undertaken outside the construction contract but included in the Cost Estimate will be arranged separately by the Department of State Growth.

3.2.2 Rates

Rates are expected to be representative of the size and type of project being undertaken and that market conditions at the time of tendering will be comparable to those prevailing when historical tendered rates were obtained.

3.3 Estimate source information

3.3.1 Quantities

All quantities have been extracted from the OpenRoads concept design models for each road.

The concept models used to derive the quantities assume equal widening on both sides of the road. These will be optimised during the design phase to minimise impacts by widening on one side of the road only where it is deemed feasible.

3.3.2 Source of rates

Rates are based on experience of historical data and industry experience in Tasmania at this point in time.

Caution is necessary when using historical data as no project is exactly the same. The full background and scope of historical projects are in most cases not fully known by the Estimator and historical Contractor's rates include perceived risk which may or may not be present in the current project. Rates also tend to be weighted so that activities undertaken first are higher than the actual cost to the Contractor so that a positive cash flow is generated at the start of a project.

No rise/fall is expected.

3.3.3 Lead time escalation

Based on the Australian Bureau of Statistics for September 2021, escalation has been taken as the Consumer Price Index (CPI) value of 3%. Given the construction staging is currently not known, a single year of escalation has been applied at 3%, with the assumption that the majority of the works will be constructed (or at least scheduled) during the 2022/2023 construction season.

3.3.4 Contingency – Engineer's estimate

As an engineer's estimate, a contingency of 25% has been applied to the base estimate for each option.

3.4 Client costs

Client costs have been determined as follows:

- Costs incurred to date have been included at the rate incurred
- Costs for the design of the additional Section 2 and Section 4 of Frankford Main Road are assumed on a pro-rata basis. Costs for the design of the remainder of Frankford Main Road and Birralee Main Road are as per the agreed values
- Department of State Growth project management staff time has been assumed as 7.3% of the base estimate.
- Contract administration costs during the delivery phase area assumed as 1% of the base construction estimate
- Insurances are assumed to be 0.45% of the base construction estimate; and
- An allowance has been made for land acquisition on a pro-rata basis compared to previous similar projects. This is an allowance only at this stage and is subject to change, as actual impacts on land boundaries are not known.

3.5 Option 1a – Full length shoulder widening only – No rehabilitation or safety upgrades

This option involves widening the shoulders along the full length of both Frankford Main Road (to the Birralee Main Road intersection) and Birralee Main Road but excludes pavement rehabilitation and other upgrades to intersections and safety issues identified in Section 2.10. A concept design cost estimate for this option is shown in Table 14.

The Glengarry Hills corner identified as an issue in Section 2.10.1 is located within Stage 4 of Frankford Main Road in the table below. The cost estimate for this option and Option 1b only considers shoulder widening through this area, which is not likely to fully address the safety concerns without some level of realignment.

Table 14: Option 1a concept engineer's estimate

Location	Item	Quantity	Unit	Rate	Amount
Frankford Main Road	Section 1: Link 05 CH 0.97 to CH 2.82	1	Item	$1,378,000	$1,378,000
Frankford Main Road	Section 2: Link 05 CH 2.82 to CH 5.12	1	Item	$1,806,000	$1,806,000
Frankford Main Road	Section 3: Link 05 CH 5.12 to CH 6.1	1	Item	$852,000	$852,000
Frankford Main Road	Section 4: Link 05 CH 6.1 to CH 8.06 + Link 21 CH 0.00 to CH 0.38	1	Item	$1,663,000	$1,663,000
Frankford Main Road	Section 5: Link 21 CH 0.38 to CH 5.47	1	Item	$3,863,000	$3,863,000
Frankford Main Road	**Subtotal**				$9,562,000
Birralee Main Road	All	1	Item	$14,562,000	$14,562,000
Total Base Estimate - Construction					**$24,124,000**
Development Phase		**Design**			$2,311,824
		Department PM		7.30%	$168,763
Delivery Phase		**Contract Administration**		1.00%	$241,240
		Insurance		0.45%	$108,558
		Acquisitions			$1,230,000
		Department PM		7.30%	$1,876,377
Total Base Estimate (Rounded)					**$30,061,000**
Contingency				**25%**	**$7,515,000**
Escalation				**3%**	**$1,127,000**
Total Estimate					**$38,703,000**

The cost estimate for this option exceeds the available remaining budget (Table 13), and therefore is not viable under this funding source alone.

3.6 Option 1b – Full length shoulder widening and rehabilitation – No safety upgrades

This option involves widening the shoulders along the full length of both Frankford Main Road (to the Birralee Main Road intersection) and Birralee Main Road but excludes other upgrades to intersections and safety issues identified in Section 2.10. A concept design cost estimate for this option is shown in Table 15.

The Glengarry Hills corner identified as an issue in Section 2.10.1 is located within Stage 4 of Frankford Main Road in the table below. The cost estimate for this option and Option 1b only considers shoulder widening through this area, which is not likely to fully address the safety concerns without some level of realignment.

Table 15: Option 1b concept engineer's estimate

Location	Item	Quantity	Unit	Rate	Amount
Frankford Main Road	Section 1: Link 05 CH 0.97 to CH 2.82	1	Item	$1,481,000	$1,481,000
Frankford Main Road	Section 2: Link 05 CH 2.82 to CH 5.12	1	Item	$1,915,000	$1,915,000
Frankford Main Road	Section 3: Link 05 CH 5.12 to CH 6.1	1	Item	$914,000	$914,000
Frankford Main Road	Section 4: Link 05 CH 6.1 to CH 8.06 + Link 21 CH 0.00 to CH 0.38	1	Item	$1,761,000	$1,761,000
Frankford Main Road	Section 5: Link 21 CH 0.38 to CH 5.47	1	Item	$3,997,000	$3,997,000
Frankford Main Road	**Subtotal**				$10,068,000
Birralee Main Road	All	1	Item	$15,399,000	$15,399,000
Total Base Estimate - Construction					**$25,467,000**
Development Phase		**Design**			$2,311,824
		Department PM		7.30%	$168,763
Delivery Phase		**Contract Administration**		1.00%	$254,670
		Insurance		0.45%	$114,602
		Acquisitions			$1,230,000
		Department PM		7.30%	$1,975,838
Total Base Estimate (Rounded)					**$31,523,000**
Contingency				**25%**	**$7,881,000**
Escalation				**3%**	**$1,182,000**
Total Estimate					**$40,586,000**

The cost estimate for this option exceeds the available remaining budget (Table 13), and therefore is not viable under this funding source alone.

3.7 Option 2a – Shoulder widening only – Limited scope – No rehabilitation or safety upgrades

This option involves widening of the shoulders along the full length of Birralee Main Road and along a limited section of Frankford Main Road but excludes pavement rehabilitation and other upgrades to intersections and safety issues identified in Section 2.10.

Note that for this option and Option 2b, the sections of Frankford Main Road exclude those sections which were previously assumed to be sufficiently wide before detailed survey was obtained. These are the only sections which pitt&sherry have so far been engaged to design widening for. A concept design cost estimate for this option is shown in Table 16.

Table 16: Option 2a concept engineer's estimate

Location	Item	Quantity	Unit	Rate	Amount
Frankford Main Road	Section 1: Link 05 CH 0.97 to CH 2.82	1	Item	$1,378,000	$1,378,000
Frankford Main Road	Section 2: Link 05 CH 2.82 to CH 5.12	1	Item	$0	$0
Frankford Main Road	Section 3: Link 05 CH 5.12 to CH 6.1	1	Item	$852,000	$852,000
Frankford Main Road	Section 4: Link 05 CH 6.1 to CH 8.06 + Link 21 CH 0.00 to CH 0.38	1	Item	$0	$0
Frankford Main Road	Section 5: Link 21 CH 0.38 to CH 5.47	1	Item	$3,863,000	$3,863,000
Frankford Main Road	**Subtotal**				$6,093,000
Birralee Main Road	All	1	Item	$14,562,000	$14,562,000
Total Base Estimate - Construction					**$20,655,000**
Development Phase		**Design**			$1,955,213
		Department PM		7.30%	$142,731
Delivery Phase		**Contract Administration**		1.00%	$206,550
		Insurance		0.45%	$92,948
		Acquisitions			$1,230,000
		Department PM		7.30%	$1,619,468
Total Base Estimate (Rounded)					**$25,902,000**
Contingency				**25%**	**$6,476,000**
Escalation				**3%**	**$971,000**
Total Estimate					**$33,349,000**

The cost estimate for this option is close to the remaining budget (Table 13), and therefore is a viable option with some refinement during detail design.

3.8 Option 2b – Shoulder widening and rehabilitation – Limited xcope – No safety upgrades

This option involves widening of the shoulders along the full length of Birralee Main Road and along a limited section of Frankford Main Road; and pavement rehabilitation where it has been deemed required in the pavement design report. This excludes other upgrades to intersections and safety issues identified in Section 2.10. A concept design cost estimate for this option is shown in Table 17.

Table 17: Option 2b concept engineer's estimate

Location	Item	Quantity	Unit	Rate	Amount
Frankford Main Road	Section 1: Link 05 CH 0.97 to CH 2.82	1	Item	$1,481,000	$1,481,000
Frankford Main Road	Section 2: Link 05 CH 2.82 to CH 5.12	1	Item	$0	$0
Frankford Main Road	Section 3: Link 05 CH 5.12 to CH 6.1	1	Item	$914,000	$914,000
Frankford Main Road	Section 4: Link 05 CH 6.1 to CH 8.06 + Link 21 CH 0.00 to CH 0.38	1	Item	$0	$0
Frankford Main Road	Section 5: Link 21 CH 0.38 to CH 5.47	1	Item	$3,997,000	$3,997,000
Frankford Main Road	**Subtotal**				$6,392,000
Birralee Main Road	All	1	Item	$15,399,000	$15,399,000
Total Base Estimate - Construction					**$21,791,000**
Development Phase		**Design**			$1,955,213
		Department PM		7.30%	$142,731
Delivery Phase		**Contract Administration**		1.00%	$217,910
		Insurance		0.45%	$98,060
		Acquisitions			$1,230,000
		Department PM		7.30%	$1,703,599
Total Base Estimate (Rounded)					**$27,139,000**
Contingency				**25%**	**$6,785,000**
Escalation				**3%**	**$1,018,000**
Total Estimate					**$34,942,000**

The cost estimate for this option is slightly over the remaining budget. Given the pavement design report has recommended that shoulder widening alone is not a suitable option without pavement rehabilitation where required, this option is required to be adopted in preference to Option 2a. Given the estimate is in excess of the remaining budget, it cannot be guaranteed that the entire scope can be delivered within the available budget. Some refinement of this option may be possible during detailed design in order for it to stay within the remaining budget without requiring additional funding.

3.9 Intersection and safety upgrades

Since it is anticipated that the remaining budget is only just sufficient for shoulder widening and pavement rehabilitation, there is no budget available to increase the scope to incorporate any intersection improvements or alignment geometry improvements as identified in Section 2.10.

Cost estimates and concept options have not been developed for these works.

It is recommended that alternative funding is sought to address some of these concerns, in particular the Glengarry Hills section which is in Stage 4.

The curve on Birralee Main Road identified in Section 2.10.2 is within the scope of the Northern Roads Package for widening and pavement rehabilitation, but realignment improvements cannot be incorporated within the remaining budget. It is recommended that this be investigated during the detailed design phase whether some minor realignment can be incorporated within the remaining budget to address this safety concern.

3.10 Northern Roads Package – Stage 2 – Frankford Main Road and Birralee Main Road – Development and delivery project proposal report

At the time of writing, a draft development and delivery Project Proposal Report (PPR) for Stage 2 of the Northern Roads Package has been submitted to the Department for review, approval and submission to the federal government for funding. A requirement of the PPR submission was that the total Northern Roads Package P90 budget of $55 million was to remain, and therefore the cost estimate provided for Stage 2 needs to total approximately the remaining budget shown in Table 13.

In order to meet this, as agreed with the Department in a project meeting with pitt&sherry in October 2021, the cost estimate for Option 2b was adopted. The scope was required to be reduced in order to remain within the budget available to be claimed in the PPR.

Additional funding will be required in order to design and construct the remaining sections of Frankford Main Road which were originally excluded from the scope.

4. Conclusion and recommendations

This Options Analysis report summarises the existing road data available for Frankford Main Road and Birralee Main Road and considers options for Stage 2 of the Northern Roads Package in order to maximise the benefits to each road within the remaining budget available.

There are a number of alignment and intersection deficiencies identified in Section 2. However, since alignment improvements do not form part of the scope for this project, these will likely remain upon completion of the project. It is important the Department understand and accept these deficiencies, which is implicit in the scope of this project for shoulder widening and pavement rehabilitation only.

Of the options presented in Section 3, it is recommended that Option 2b is chosen to progress through to the design phase to provide the best chance to deliver the project within the remaining budget available, whilst also adhering to the pavement design report recommendations. This has been agreed to with the Department in a project meeting with pitt&sherry in October 2021. Given the estimate for Option 2b is in excess of the remaining budget, it cannot be guaranteed that the entire scope can be delivered within the monies available. Some refinement of this option may be possible during detail design for it to stay within the remaining budget without requiring additional funding. Additional funding will be required to complete the excluded sections of Frankford Main Road.

Option 2b excludes sections of Frankford Main Road which are now known to require widening. At the time of writing, the Department has requested for pitt&sherry to provide a change order to design these sections which are currently excluded from the scope. Additional budget will also be required to construct these sections, one of which includes a problematic corner at Glengarry Hills which will likely require some realignment (noting the engineer's estimates provided do not include any realignment works). It is strongly recommended that these sections are included in the project to complete the Northern Roads Package, despite the additional budget these will require.

One of the next stages will be to determine with the Department how to breakdown the construction of Frankford Main Road and Birralee Main Road into packages including priority whilst maximising the construction efficiency.

5. References

Other reports referred to or used in the determination of options and recommendation sin this report include:

- Northern Roads Package Scoping PPR - Options Analysis Report, pitt&sherry, October 2019; and
- Pavement Investigation and Design Report – Frankford and Birralee Main Roads, pitt&sherry, October 2021.

Link Maps

Appendix A

pitt&sherry

BIRRALEE MR

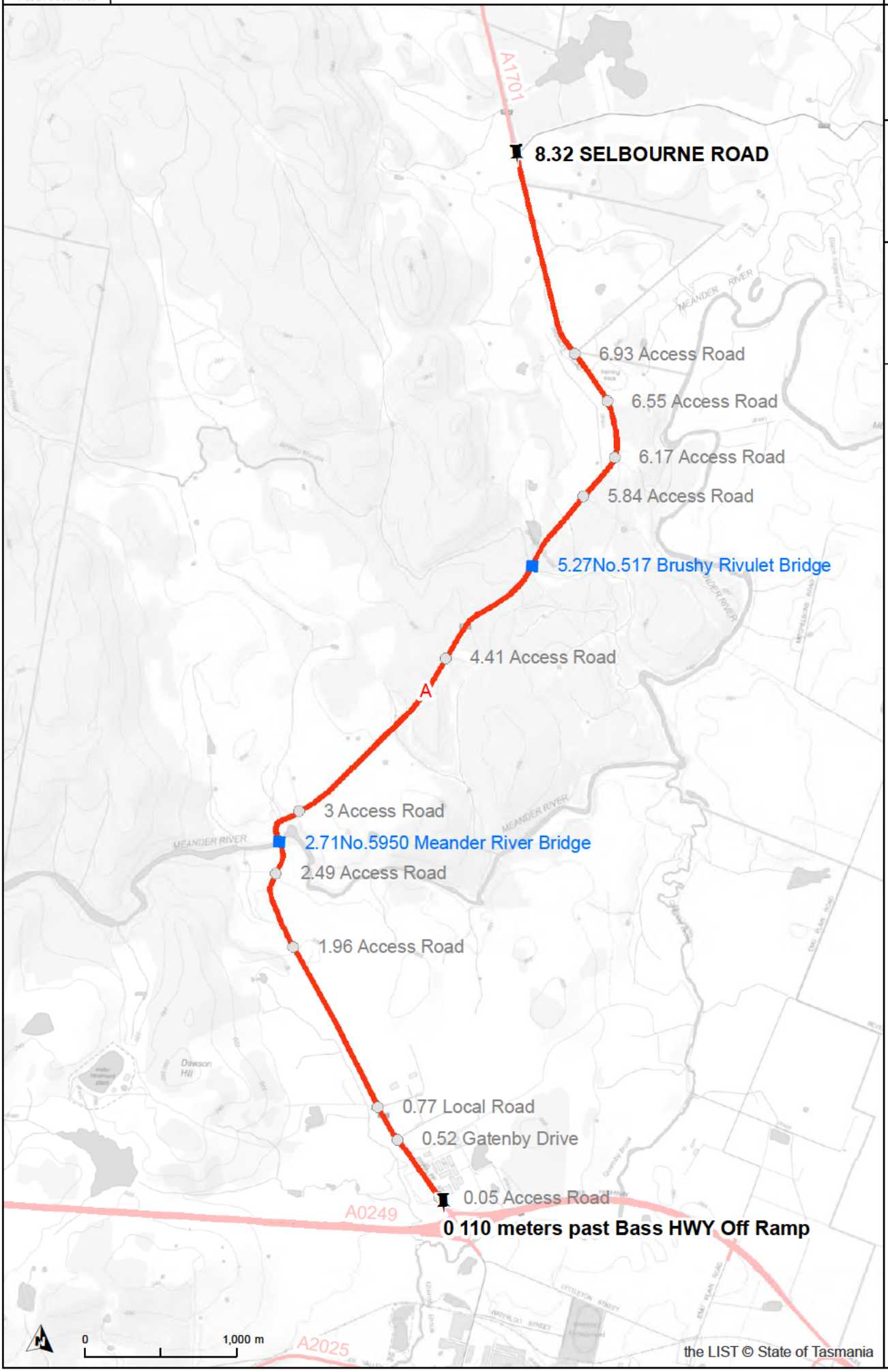
A1701

LINK
8

REGION
NE

PD: 8.32 km
CD: 8.32 km

Map No: 9



Sources:
The LIST: topographic background map,
Dep of State Growth: State Roads, annotations

Map prepared by: State Roads, Department of State Growth.

Automated Link Map V2.1, Map created: 03/2017

BIRRALEE MR

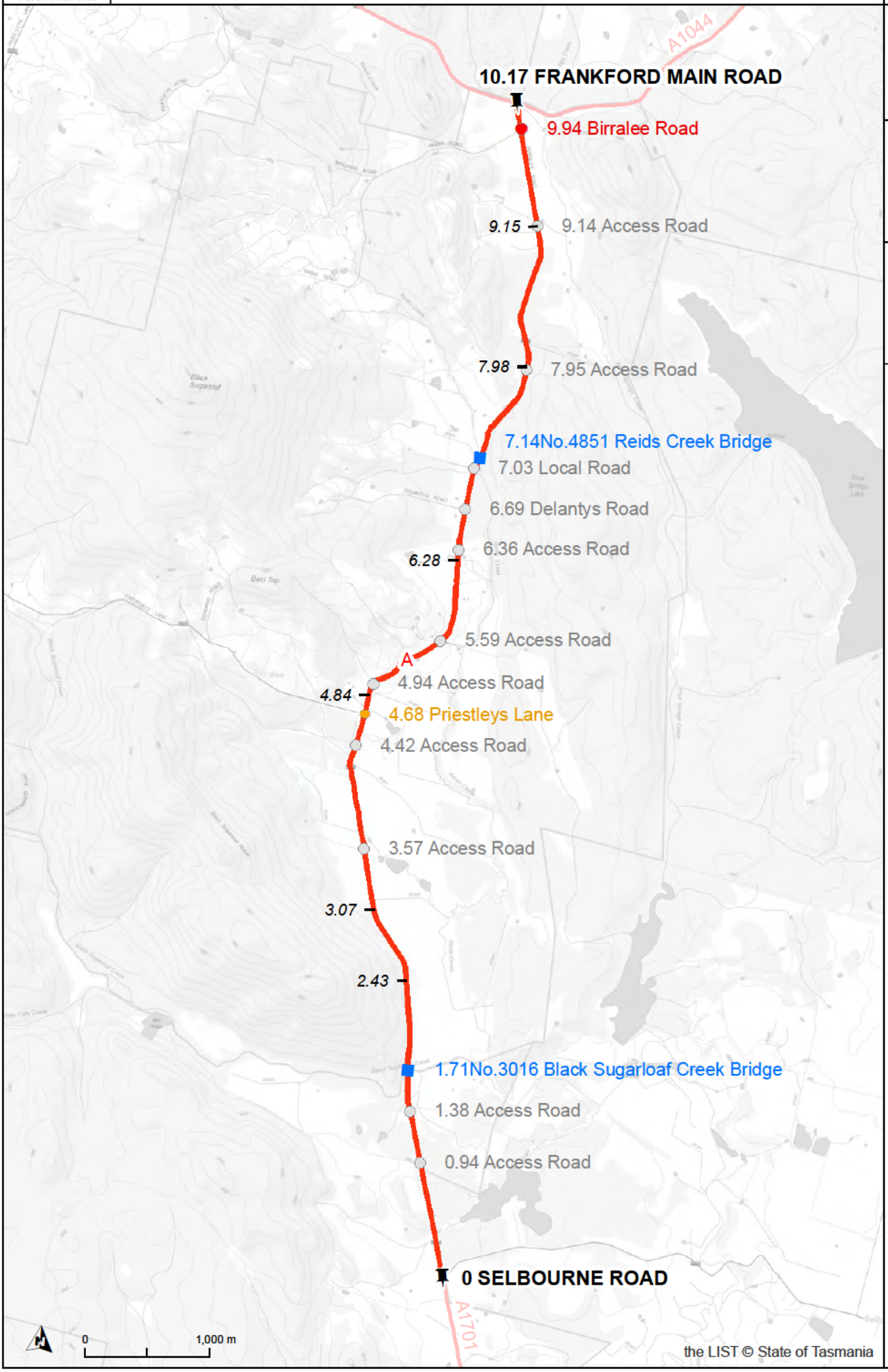
A1701

LINK
94

REGION
NE

PD: 10.17km
CD: 10.17km

Map No: 10



Sources:
The LIST: topographic background map,
Dep of State Growth: State Roads, annotations

Map prepared by: State Roads, Department of State Growth.

Automated Link Map V2.1, Map created: 03/2017

FRANKFORD MR

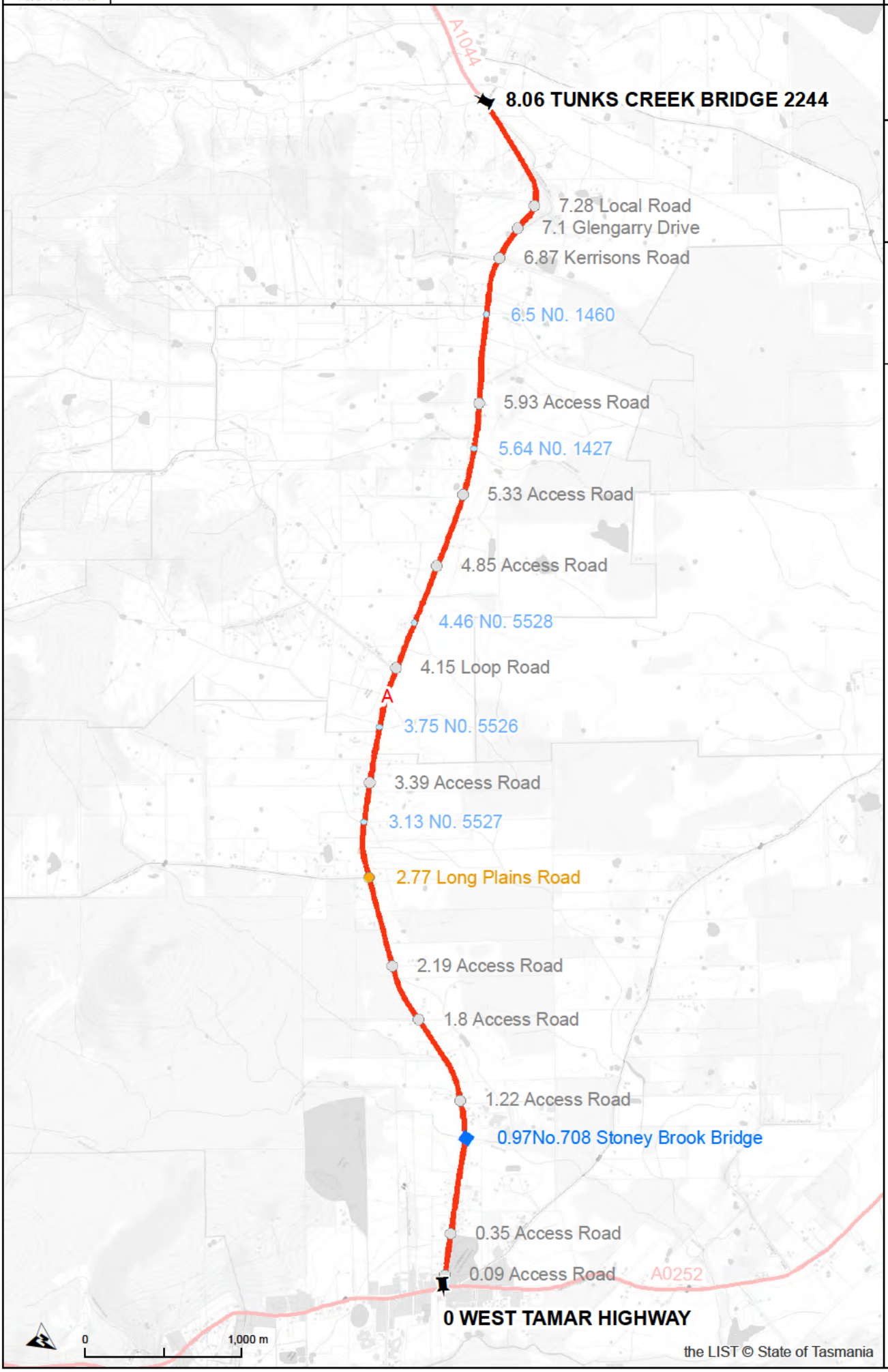
A1044

LINK
5

REGION
NE

PD: 8.06 km
CD: 8.06 km

Map No: 44



Sources:
The LIST: topographic background map,
Dep of State Growth: State Roads, annotations

Map prepared by: State Roads, Department of State Growth.

Automated Link Map V2.1, Map created: 03/2017

FRANKFORD MR

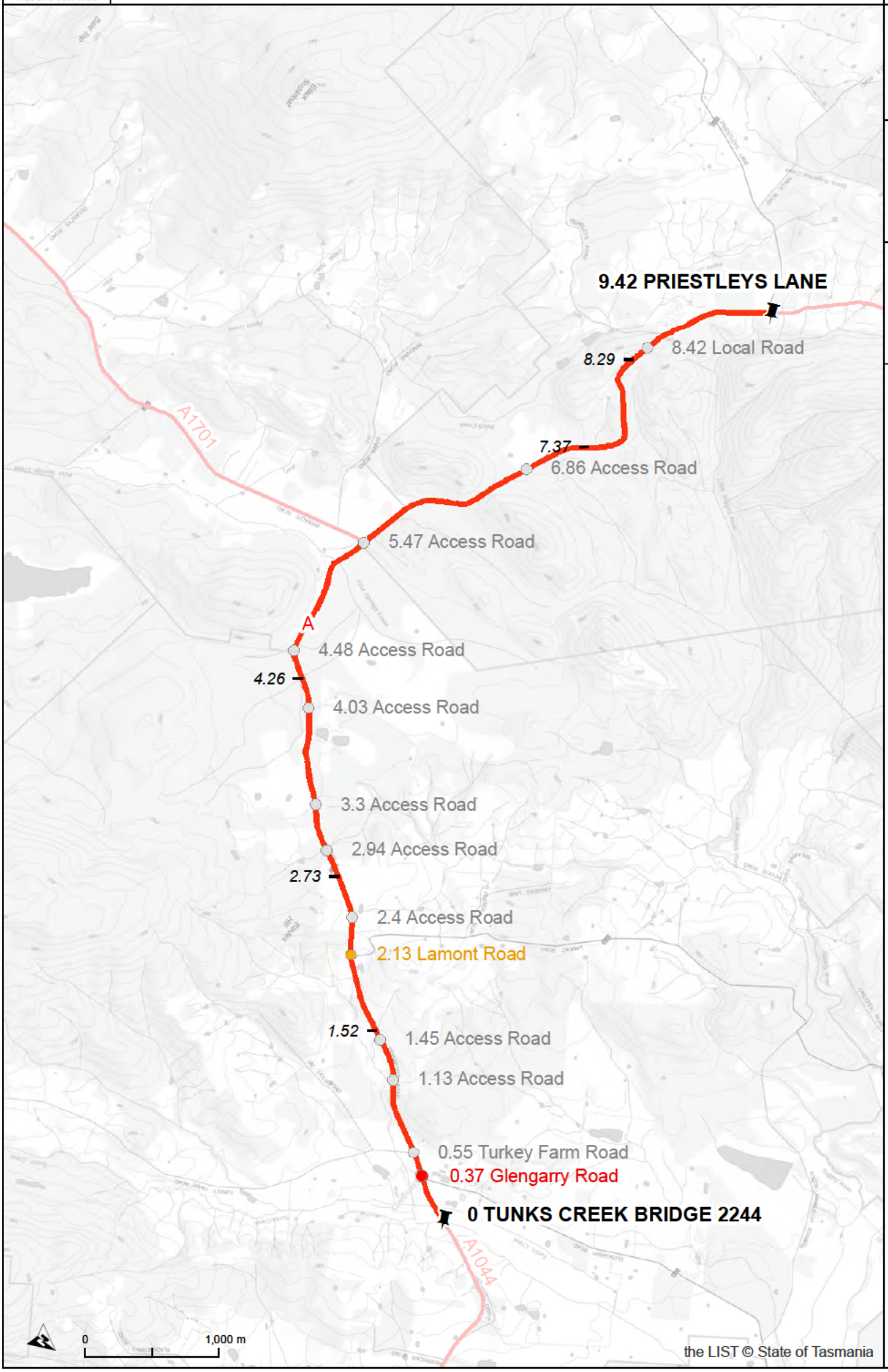
A1044

LINK
21

REGION
NE

PD: 9.42 km
CD: 9.42 km

Map No: 45



Sources:
The LIST: topographic background map,
Dep of State Growth: State Roads, annotations

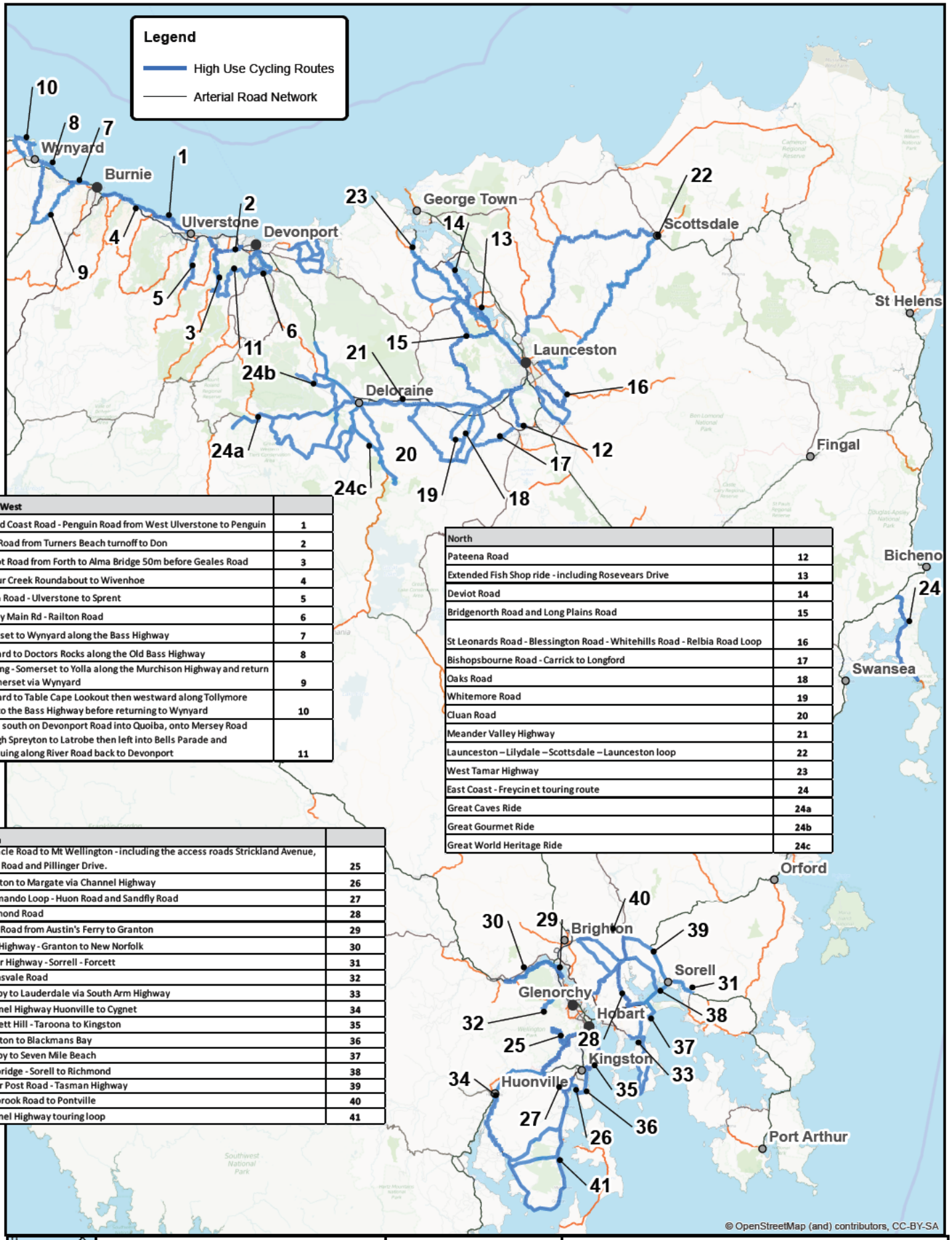
High Use Cyclist Routes

Appendix B

pitt&sherry

Tasmanian Government

STATEWIDE HIGH USE CYCLING ROUTES



North West	
The Old Coast Road - Penguin Road from West Ulverstone to Penguin	1
Forth Road from Turners Beach turnoff to Don	2
Wilmot Road from Forth to Alma Bridge 50m before Geales Road	3
Sulphur Creek Roundabout to Wivenhoe	4
Castra Road - Ulverstone to Sprent	5
Mersey Main Rd - Railton Road	6
Somerset to Wynyard along the Bass Highway	7
Wynyard to Doctors Rocks along the Old Bass Highway	8
Bull Ring - Somerset to Yolla along the Murchison Highway and return to Somerset via Wynyard	9
Wynyard to Table Cape Lookout then westward along Tollymore Road to the Bass Highway before returning to Wynyard	10
Bridge south on Devonport Road into Quoiba, onto Mersey Road through Spreyton to Latrobe then left into Bells Parade and continuing along River Road back to Devonport	11

North	
Pateena Road	12
Extended Fish Shop ride - including Rosevears Drive	13
Deviot Road	14
Bridgenorth Road and Long Plains Road	15
St Leonards Road - Blessington Road - Whitehills Road - Relbia Road Loop	16
Bishopsbourne Road - Carrick to Longford	17
Oaks Road	18
Whitemore Road	19
Cluan Road	20
Meander Valley Highway	21
Launceston – Lilydale – Scottsdale – Launceston loop	22
West Tamar Highway	23
East Coast - Freycinet touring route	24
Great Caves Ride	24a
Great Gourmet Ride	24b
Great World Heritage Ride	24c

South	
Pinnacle Road to Mt Wellington - including the access roads Strickland Avenue, Huon Road and Pillinger Drive.	25
Kingston to Margate via Channel Highway	26
Commando Loop - Huon Road and Sandfly Road	27
Richmond Road	28
Main Road from Austin's Ferry to Granton	29
Lyell Highway - Granton to New Norfolk	30
Arthur Highway - Sorrell - Forcett	31
Collinsvale Road	32
Rokeby to Lauderdale via South Arm Highway	33
Channel Highway Huonville to Cygnet	34
Bonnett Hill - Taroona to Kingston	35
Kingston to Blackmans Bay	36
Rokeby to Seven Mile Beach	37
Cambridge - Sorell to Richmond	38
Finger Post Road - Tasman Highway	39
Colebrook Road to Pontville	40
Channel Highway touring loop	41

Prepared by the Department of State Growth using the spatial data resources of the State Infrastructure Planning System (SIPS), RIMS (Road information Management System) and "theLIST" (Land Information System Tasmania).

NORTH

0 10 20 30 40
Kilometres

Stopping Sight Distance Details

Appendix C

pitt&sherry

Frankford Main Road (A1044) – Prescribed Direction (PD)

Stopping Sight Distance

Car Driver Eye Height 1.10m to 0.2m Object Height

Continuous Chainage from Link 05

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)
1350	1515	53.39671	51.81612	51.81612	100	0.00%	0.00%	165	141	165	164.12171	Achieved		100
1360	1525	53.15436	51.91918	51.91918	100	0.00%	0.00%	165	141	165	164.16846	Achieved		100
1370	1535	52.95398	52.00397	52.00397	100	0.00%	0.00%	165	141	165	164.22008	Achieved		100
1380	1545	52.7645	52.077	52.077	100	0.00%	0.00%	165	141	165	164.27733	Achieved		100
1390	1555	52.5848	52.16541	52.16541	100	0.00%	0.00%	165	141	165	164.34081	Achieved		100
1400	1565	52.43275	52.27803	52.27803	100	0.00%	0.00%	165	141	165	164.40839	Achieved		100
1410	1575	52.31638	52.36424	52.36424	100	0.00%	0.00%	165	141	165	164.47835	Achieved		100
1420	1585	52.25556	52.41824	52.41824	100	0.00%	0.00%	165	141	165	164.54892	Achieved		100
1430	1595	52.24993	52.47776	52.47776	100	0.00%	0.00%	165	141	165	164.61919	Achieved		100
1440	1605	52.29177	52.53674	52.53674	100	0.00%	0.00%	165	141	165	164.69274	Achieved		100
1450	1615	52.33818	52.64107	52.64107	100	0.00%	0.00%	165	141	165	164.7681	Achieved		100
1460	1625	52.38492	52.71379	52.71379	100	0.00%	0.00%	165	141	165	164.83042	Achieved		100
1470	1635	52.43029	52.78564	52.78564	100	0.00%	0.00%	165	141	165	164.87528	Achieved		100
1480	1645	52.45776	52.84002	52.84002	100	0.00%	0.00%	165	141	165	164.9098	Achieved		100
1490	1655	52.49157	52.88989	52.88989	100	0.00%	0.00%	165	141	165	164.9383	Achieved		100
1500	1665	52.55756	52.94488	52.94488	100	0.00%	0.00%	165	141	165	164.96054	Achieved		100
1510	1675	52.65701	52.97821	52.97821	100	0.00%	0.00%	165	141	165	164.97623	Achieved		100
1520	1685	52.77336	53.00831	53.00831	100	0.00%	0.00%	165	141	165	164.9878	Achieved		100
1530	1695	52.86381	53.03224	53.03224	100	0.00%	0.00%	165	141	165	164.99786	Achieved		100
1540	1705	52.93947	53.07768	53.07768	100	0.00%	0.00%	165	141	165	165.00303	Achieved		100
1550	1715	53.01702	53.12298	53.12298	100	0.00%	0.00%	165	141	165	165.00181	Achieved		100
1560	1725	53.12267	53.16655	53.16655	100	0.00%	0.00%	165	141	165	165.00034	Achieved		100
1570	1735	53.22481	53.21633	53.21633	100	0.00%	0.00%	165	141	165	165.00128	Achieved		100
1580	1745	53.29207	53.26186	53.26186	100	0.00%	0.00%	165	141	165	165.00268	Achieved		100
1590	1755	53.34878	53.2982	53.2982	100	0.00%	0.00%	165	141	165	165.00415	Achieved		100
1600	1765	53.41186	53.30409	53.30409	100	0.00%	0.00%	165	141	165	165.00271	Achieved		100
1610	1775	53.50103	53.30935	53.30935	100	0.00%	0.00%	165	141	165	164.99827	Achieved		100
1620	1785	53.57825	53.33775	53.33775	100	0.00%	0.00%	165	141	165	164.99959	Achieved		100
1630	1795	53.65363	53.373	53.373	100	0.00%	0.00%	165	141	165	165.0065	Achieved		100
1640	1805	53.71109	53.44513	53.44513	100	0.00%	0.00%	165	141	165	165.00742	Achieved		100
1650	1815	53.76292	53.52537	53.52537	100	0.00%	0.00%	165	141	165	165.00284	Achieved		100
1660	1825	53.81884	53.59307	53.59307	100	0.00%	0.00%	165	141	165	165.00041	Achieved		100
1670	1835	53.85944	53.70521	53.70521	100	0.00%	0.00%	165	141	165	165.00012	Achieved		100
1680	1845	53.892	53.82571	53.82571	100	0.00%	0.00%	165	141	165	164.99913	Achieved		100
1690	1855	53.91869	53.94626	53.94626	100	0.00%	0.00%	165	141	165	164.99772	Achieved		100
1700	1865	53.95204	54.0641	54.0641	100	0.00%	0.00%	165	141	165	164.99704	Achieved		100
1710	1875	53.9968	54.19807	54.19807	100	0.00%	0.00%	165	141	165	164.99838	Achieved		100
1720	1885	54.04625	54.3688	54.3688	100	0.00%	0.00%	165	141	165	165.0037	Achieved		100
1730	1895	54.08423	54.53684	54.53684	100	0.00%	0.00%	165	141	165	165.01083	Achieved		100
1740	1905	54.13511	54.71667	54.71667	100	0.00%	0.00%	165	141	165	165.01762	Achieved		100
1750	1915	54.18805	54.85625	54.85625	100	0.00%	0.00%	165	141	165	165.02499	Achieved		100
1760	1925	54.20237	54.96809	54.96809	100	0.00%	0.00%	165	141	165	165.03457	Achieved		100
1770	1935	54.20483	55.08644	55.08644	100	0.00%	0.00%	165	141	165	165.04734	Achieved		100
1780	1945	54.22289	55.20347	55.20347	100	0.00%	0.00%	165	141	165	165.06019	Achieved		100
1790	1955	54.24665	55.30509	55.30509	100	0.00%	0.00%	165	141	165	165.06677	Achieved		100
1800	1965	54.30685	55.41541	55.41541	100	0.00%	0.00%	165	141	165	165.06924	Achieved		100
1810	1975	54.38644	55.50058	55.50058	100	0.00%	0.00%	165	141	165	165.07336	Achieved		100
1820	1985	54.45693	55.53671	55.53671	100	0.00%	0.00%	165	141	165	165.07528	Achieved		100
1830	1995	54.54335	55.5612	55.5612	100	0.00%	0.00%	165	141	165	165.06958	Achieved		100
1840	2005	54.66585	55.58725	55.58725	100	0.00%	0.00%	165	141	165	165.0596	Achieved		100
1850	2015	54.79127	55.6436	55.6436	100	0.00%	0.00%	165	141	165	165.04866	Achieved		100
1860	2025	54.90308	55.72216	55.72216	100	0.00%	0.00%	165	141	165	165.03818	Achieved		100
1870	2035	55.0251	55.78978	55.78978	100	0.00%	0.00%	165	141	165	165.03127	Achieved		100
1880	2045	55.18702	55.84494	55.84494	100	0.00%	0.00%	165	141	165	165.03045	Achieved		100
1890	2055	55.36748	55.89424	55.89424	100	0.00%	0.00%	165	141	165	165.03122	Achieved		100
1900	2065	55.5386	55.92276	55.92276	100	0.00%	0.00%	165	141	165	165.03206	Achieved		100
1910	2075	55.69184	55.97144	55.97144	100	0.00%	0.00%	165	141	165	165.0313	Achieved		100
1920	2085	55.81792	56.03528	56.03528	100	0.00%	0.00%	165	141	165	165.02302	Achieved		100
1930	2095	55.93192	56.11556	56.11556	100	0.00%	0.00%	165	141	165	165.00777	Achieved		100
1940	2105	56.05061	56.18641	56.18641	100	0.00%	0.00%	165	141	165	164.98351	Achieved		100
1950	2115	56.15688	56.26756	56.26756	100	0.00%	0.00%	165	141	165	164.95876	Achieved		100
1960	2125	56.26126	56.40772	56.40772	100	0.00%	0.00%	165	141	165	164.95017	Achieved		100
1970	2135	56.3646	56.53581	56.53581	100	0.00%	0.00%	165	141	165	164.95276	Achieved		100
1980	2145	56.42223	56.67675	56.67675	100	0.00%	0.00%	165	141	165	164.95519	Achieved		100
1990	2155	56.44274	56.87778	56.87778	100	0.00%	0.00%	165	141	165	164.95723	Achieved		100
2000	2165	56.47264	57.0525	57.0525	100	0.00%	0.00%	165	141	165	164.95984	Achieved		100
2010	2175	56.51478	57.21118	57.21118	100	0.00%	0.00%	165	141	165	164.96605	Achieved		100
2020	2185	56.57906	57.3874	57.3874	100	0.00%	0.00%	165	141	165	164.97933	Achieved		100
2030	2195	56.65769	57.53864	57.53864	100	0.00%	0.00%	165	141	165	165	Achieved		100
2040	2205	56.71958	57.73363	57.73363	100	0.00%	0.00%	165	141	165	165.02316	Achieved		100
2050	2215	56.77706	57.88569	57.88569	100	0.00%	0.00%	165	141	165	165.04427	Achieved		100
2060	2225	56.80945	58.04663	58.04663	100	0.00%	0.00%	165	141	165	165.06264	Achieved		100
2070	2235	56.839	58.25064	58.25064	100	0.00%	0.00%	165	141	165	165.07227	Achieved		100
2080	2245	56.91268	58.44121	58.44121	100	0.00%	0.00%	165	141	165	165.07062	Achieved		100
2090	2255	56.98341	58.62378	58.62378	100	0.00%	0.00%	165	141	165	165.0627	Achieved		100
2100	2265	57.05579	58.81154	58.81154	100	0.00%	0.00%	165	141	165	165.05819	Achieved		100
2110	2275	57.11729	58.98439	58.98439	100	0.00%	0.00%	165	141	165	165.06304	Achieved		100
2120	2285	57.2391	59.17348	59.17348	100	0.00%	0.00%	165	141	165	165.06421	Achieved		100
2130	2295	57.37396	59.34137	59.34137	100	0.00%	0.00%	165	141	165	165.05324	Achieved		100
2140	2305	57.50357	59.50158	59.50158	100	0.00%	0.00%	165	141	165	165.04195	Achieved		100
2150	2315	57.67356	59.60799	59.60799	100	0.00%	0.00%	165	141	165	165.03328	Achieved		100
2160	2325	57.87864	59.73175	59.73175	100	0.00%	0.00%	165	141	165	165.02393	Achieved		100
2170	2335	58.02909	59.82682	59.82682	100	0.00%	0.00%	165	141	165	165.01508	Achieved		100
2180	2345	58.19961	59.91454	59.91454	100	0.00%	0.00%	165	141	165	165.00752	Achieved		100
2190	2355	58.37804	59.99468	59.99468	100	0.00%	0.00%	165	141	165	165.00094	Achieved		100
2200	2365	58.55092	60.04298	60.04298	100	0.00%	0.00%	165	141	165	164.99727	Achieved		100
2210	2375	58.71137	60.11761	60.11761	100	0.00%	0.00%	165	141	165	164.99736	Achieved		100
2220	2385	58.86264	60.22791	60.22791	100	0.00%	0.00%	165	141	165	164.99853	Achieved		100
2230	2395	59.05216	60.37036	60.37036	100	0.00%	0.00%	165	141	165	164.99704	Achieved		100
2240	2405	59.24807	60.50966	60.50966	100	0.00%	0.00%	165	141	165	164.99406	Achieved		100
2250	2415	59.43022	60.63851	60.63851	100	0.00%	0.00%	165	141	165	164.99229	Achieved		100
2260	2425	59.61984	60.78486	60.78486	100	0.00%	0.00%	165	141	165	164.99262	Achieved		100
2270	2435	59.80007	60.94203	60.94203	100	0.00%	0.00%	165	141	165	164.99358	Achieved		100
2280	2445	59.97717	61.11106	61.11106	100	0.00%	0.00%	165	141	165	164.99655	Achieved		100
2290	2455	60.16363	61.30965	61.30965	100	0.00%	0.00%	165	141	165	165.0021	Achieved		100
2300	2465	60.32644	61.54576	61.54576	100	0.00%	0.00%	165	141	165	164.99863	Achieved		100
2310	2475	60.45036	61.78545	61.78545	100	0.00%	0.00%	165	141	165	164.9869	Achieved		100
2320	2485	60.57237	62.0179	62.0179	100	0.00%	0.00%	165	141	165	164.98761	Achieved		100
2330	2495	60.67964	62.28342	62.28342	100	0.00%	0.00%	165	141	165	165.00171	Achieved		100
2340	2505	60.77058	62.55162	62.55162	100	0.00%	0.00%	165	141	165	165.00591	Achieved		100
2350	2515	60.85628	62.84355	62.84355	100	0.00%	0.00%	165	141	165	164.99997	Achieved		100
2360	2525	60.92862	63.14528	63.14528	100	0.00%	0.00%	165	141	165	164.99603	Achieved		100
2370	2535	60.97648	63.44336	63.44336	100	0.00%	0.00%	165	141	165	164.99509	Achieved		100
2380	2545	61.06567	63.69437	63.69437	100	0.00%	0.00%	165	141	165	164.99613	Achieved		100
2390	2555	61.19568	63.89853	63.89853	100	0.00%	0.00%	165	141	165	164.99761	Achieved		100
2400	2565	61.3432	64.10267	64.10267	100	0.00%	0.00%	165	141	165	164.9967	Achieved		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)
2410	2575	61.47233	64.29288	64.29288	100	0.00%	0.00%	165	141	165	164.99376	Achieved		100
2420	2585	61.61105	64.44797	64.44797	100	0.00%	0.00%	165	141	165	164.99875	Achieved		100
2430	2595	61.761	64.61235	64.61235	100	0.00%	0.00%	165	141	165	165.00289	Achieved		100
2440	2605	61.92709	64.8257	64.8257	100	0.00%	0.00%	165	141	165	165.00279	Achieved		100
2450	2615	62.10652	65.01532	65.01532	100	0.00%	0.00%	165	141	165	165.00047	Achieved		100
2460	2625	62.32227	65.19817	65.19817	100	0.00%	0.00%	165	141	165	165.00502	Achieved		100
2470	2635	62.56347	65.35345	65.35345	100	0.00%	0.00%	165	141	165	165.01764	Achieved		100
2480	2645	62.80327	65.51309	65.51309	100	0.00%	0.00%	165	141	165	165.01936	Achieved		100
2490	2655	63.04792	65.65803	65.65803	100	0.00%	0.00%	165	141	165	165.00257	Achieved		100
2500	2665	63.31863	65.77514	65.77514	100	0.00%	0.00%	165	141	165	164.99424	Achieved		100
2510	2675	63.59319	65.85199	65.85199	100	0.00%	0.00%	165	141	165	165.00466	Achieved		100
2520	2685	63.89525	65.9306	65.9306	100	0.00%	0.00%	165	141	165	165.01047	Achieved		100
2530	2695	64.20426	66.0011	66.0011	100	0.00%	0.00%	165	141	165	165.00638	Achieved		100
2540	2705	64.46785	66.04663	66.04663	100	0.00%	0.00%	165	141	165	165.0044	Achieved		100
2550	2715	64.69789	66.05602	66.05602	100	0.00%	0.00%	165	141	165	165.00436	Achieved		100
2560	2725	64.90421	66.02288	66.02288	100	0.00%	0.00%	165	141	165	165.00281	Achieved		100
2570	2735	65.10198	65.97876	65.97803	100	0.00%	0.00%	165	141	108.62455	108.63458	Not Achieved		80
2580	2745	65.27635	65.68714	65.95522	100	0.00%	0.00%	165	141	99.83029	99.84217	Not Achieved		80
2590	2755	65.41103	65.68161	65.91143	100	0.00%	0.00%	165	141	89.21114	89.21771	Not Achieved		70
2600	2765	65.61792	65.74119	65.85219	100	0.00%	0.00%	165	141	86.81132	86.8143	Not Achieved		70
2610	2775	65.82201	65.79694	65.77332	100	0.00%	0.00%	165	141	84.96787	84.96479	Not Achieved		70
2620	2785	66.01323	65.84676	65.69392	100	0.00%	0.00%	165	141	86.02524	86.02159	Not Achieved		70
2630	2795	66.17566	65.5922	65.5922	100	0.00%	0.00%	165	141	165	164.99437	Achieved		100
2640	2805	66.33783	65.47103	65.47103	100	0.00%	0.00%	165	141	165	164.99641	Achieved		100
2650	2815	66.48475	65.35288	65.35288	100	0.00%	0.00%	165	141	165	165.00619	Achieved		100
2660	2825	66.61975	65.22853	65.22853	100	0.00%	0.00%	165	141	165	165.00783	Achieved		100
2670	2835	66.71559	65.06979	65.06979	100	0.00%	0.00%	165	141	165	164.99699	Achieved		100
2680	2845	66.7886	64.85705	64.85705	100	0.00%	0.00%	165	141	165	164.99122	Achieved		100
2690	2855	66.86869	64.63735	64.63735	100	0.00%	0.00%	165	141	165	164.99772	Achieved		100
2700	2865	66.92661	64.44723	64.44723	100	0.00%	0.00%	165	141	165	165.00356	Achieved		100
2710	2875	66.95913	64.26246	64.26246	100	0.00%	0.00%	165	141	165	165.02973	Achieved		100
2720	2885	66.93934	64.07228	64.07228	100	0.00%	0.00%	165	141	165	165.01895	Achieved		100
2730	2895	66.89896	63.87363	63.87363	100	0.00%	0.00%	165	141	165	165.03375	Achieved		100
2740	2905	66.86296	63.68865	63.68865	100	0.00%	0.00%	165	141	165	165.05843	Achieved		100
2750	2915	66.84153	63.48391	63.48391	100	0.00%	0.00%	165	141	165	165.08303	Achieved		100
2760	2925	66.78751	63.28373	63.28373	100	0.00%	0.00%	165	141	165	165.09473	Achieved		100
2770	2935	66.70783	63.11518	63.11518	100	0.00%	0.00%	165	141	165	165.08896	Achieved		100
2780	2945	66.63265	63.0055	63.0055	100	0.00%	0.00%	165	141	165	165.07619	Achieved		100
2790	2955	66.54564	62.91159	62.91159	100	0.00%	0.00%	165	141	165	165.06027	Achieved		100
2800	2965	66.43608	62.84035	62.84035	100	0.00%	0.00%	165	141	165	165.03372	Achieved		100
2810	2975	66.3104	62.81054	62.81054	100	0.00%	0.00%	165	141	165	164.99352	Achieved		100
2820	2985	66.19329	62.8063	62.8063	100	0.00%	0.00%	165	141	165	164.9463	Achieved		100
2830	2995	66.05501	62.80203	62.80203	100	0.00%	0.00%	165	141	165	164.90474	Achieved		100
2840	3005	65.86842	62.81653	62.81653	100	0.00%	0.00%	165	141	165	164.88347	Achieved		100
2850	3015	65.64129	62.84512	62.84512	100	0.00%	0.00%	165	141	165	164.87801	Achieved		100
2860	3025	65.44425	62.8726	62.8726	100	0.00%	0.00%	165	141	165	164.87779	Achieved		100
2870	3035	65.2598	62.90033	62.90033	100	0.00%	0.00%	165	141	165	164.87462	Achieved		100
2880	3045	65.06306	62.95303	62.95303	100	0.00%	0.00%	165	141	165	164.84807	Achieved		100
2890	3055	64.87092	62.99617	62.99617	100	0.00%	0.00%	165	141	165	164.83691	Achieved		100
2900	3065	64.68499	63.01384	63.01384	100	0.00%	0.00%	165	141	165	164.81141	Achieved		100
2910	3075	64.48602	63.04364	63.04364	100	0.00%	0.00%	165	141	165	164.78036	Achieved		100
2920	3085	64.28112	63.09213	63.09213	100	0.00%	0.00%	165	141	165	164.75188	Achieved		100
2930	3095	64.09308	63.16476	63.16476	100	0.00%	0.00%	165	141	165	164.73795	Achieved		100
2940	3105	63.95448	63.24697	63.24697	100	0.00%	0.00%	165	141	165	164.74354	Achieved		100
2950	3115	63.85738	63.35091	63.35091	100	0.00%	0.00%	165	141	165	164.7614	Achieved		100
2960	3125	63.77136	63.5004	63.5004	100	0.00%	0.00%	165	141	165	164.78632	Achieved		100
2970	3135	63.71824	63.67504	63.67504	100	0.00%	0.00%	165	141	165	164.8188	Achieved		100
2980	3145	63.70726	63.86469	63.86469	100	0.00%	0.00%	165	141	165	164.86057	Achieved		100
2990	3155	63.70166	64.08707	64.08707	100	0.00%	0.00%	165	141	165	164.91777	Achieved		100
3000	3165	63.70833	64.36031	64.36031	100	0.00%	0.00%	165	141	165	164.98775	Achieved		100
3010	3175	63.73006	64.6471	64.6471	100	0.00%	0.00%	165	141	165	165.04846	Achieved		100
3020	3185	63.76081	64.93618	64.93618	100	0.00%	0.00%	165	141	165	165.08728	Achieved		100
3030	3195	63.78197	65.22275	65.22275	100	0.00%	0.00%	165	141	165	165.10308	Achieved		100
3040	3205	63.82435	65.50422	65.50422	100	0.00%	0.00%	165	141	165	165.0978	Achieved		100
3050	3215	63.87894	65.79686	65.79686	100	0.00%	0.00%	165	141	165	165.08093	Achieved		100
3060	3225	63.90664	66.06785	66.06785	100	0.00%	0.00%	165	141	165	165.06006	Achieved		100
3070	3235	63.92434	66.33885	66.33885	100	0.00%	0.00%	165	141	165	165.04323	Achieved		100
3080	3245	63.95797	66.67004	66.67004	100	0.00%	0.00%	165	141	165	165.02943	Achieved		100
3090	3255	64.02522	67.00852	67.00852	100	0.00%	0.00%	165	141	165	165.01635	Achieved		100
3100	3265	64.10433	67.34596	67.34596	100	0.00%	0.00%	165	141	165	165.00686	Achieved		100
3110	3275	64.19544	67.65152	67.65152	100	0.00%	0.00%	165	141	165	164.99984	Achieved		100
3120	3285	64.31643	67.95333	67.95333	100	0.00%	0.00%	165	141	165	164.99951	Achieved		100
3130	3295	64.4824	68.23898	68.23898	100	0.00%	0.00%	165	141	165	165.00757	Achieved		100
3140	3305	64.66903	68.53424	68.53424	100	0.00%	0.00%	165	141	165	165.01302	Achieved		100
3150	3315	64.87093	68.83538	68.83538	100	0.00%	0.00%	165	141	165	165.01101	Achieved		100
3160	3325	65.11625	69.12591	69.12591	100	0.00%	0.00%	165	141	165	165.00619	Achieved		100
3170	3335	65.40435	69.41472	69.41472	100	0.00%	0.00%	165	141	165	165.00048	Achieved		100
3180	3345	65.68964	69.6742	69.6742	100	0.00%	0.00%	165	141	165	164.99869	Achieved		100
3190	3355	65.98014	69.91309	69.91309	100	0.00%	0.00%	165	141	165	165.00314	Achieved		100
3200	3365	66.25901	70.13632	70.13632	100	0.00%	0.00%	165	141	165	165.00631	Achieved		100
3210	3375	66.55266	70.35152	70.35152	100	0.00%	0.00%	165	141	165	165.00484	Achieved		100
3220	3385	66.83341	70.55831	70.55831	100	0.00%	0.00%	165	141	165	165.00162	Achieved		100
3230	3395	67.10917	70.76969	70.76969	100	0.00%	0.00%	165	141	165	164.99748	Achieved		100
3240	3405	67.4133	70.95823	70.95823	100	0.00%	0.00%	165	141	165	164.99657	Achieved		100
3250	3415	67.73557	71.14107	71.14107	100	0.00%	0.00%	165	141	165	165.00334	Achieved		100
3260	3425	68.07649	71.3116	71.3116	100	0.00%	0.00%	165	141	165	165.01427	Achieved		100
3270	3435	68.40426	71.47628	71.47628	100	0.00%	0.00%	165	141	165	165.02454	Achieved		100
3280	3445	68.701	71.62079	71.62079	100	0.00%	0.00%	165	141	165	165.03076	Achieved		100
3290	3455	68.99823	71.74675	71.74675	100	0.00%	0.00%	165	141	165	165.0278	Achieved		100
3300	3465	69.28457	71.84343	71.84343	100	0.00%	0.00%	165	141	165	165.01801	Achieved		100
3310	3475	69.58494	71.91965	71.91965	100	0.00%	0.00%	165	141	165	165.01207	Achieved		100
3320	3485	69.87943	71.97247	71.97247	100	0.00%	0.00%	165	141	165	165.01586	Achieved		100
3330	3495	70.171	72.01973	72.01973	100	0.00%	0.00%	165	141	165	165.02724	Achieved		100
3340	3505	70.44893	72.07557	72.07557	100	0.00%	0.00%	165	141	165	165.03873	Achieved		100
3350	3515	70.69085	72.11585	72.11585	100	0.00%	0.00%	165	141	165	165.04309	Achieved		100
3360	3525	70.92675	72.14109	72.14109	100	0.00%	0.00%	165	141	165	165.03838	Achieved		100
3370	3535	71.14871	72.13963	72.13963	100	0.00%	0.00%	165	141	165	165.03127	Achieved		100
3380	3545	71.35483	72.10418	72.10418	100	0.00%	0.00%	165	141	165	165.02932	Achieved		100
3390	3555	71.56801	71.9071	72.044	100	0.00%	0.00%	165	141	117.54013	117.56704	Not Achieved		80
3400	3565	71.76918	71.9353	72.00812	100	0.00%	0.00%	165	141	114.70052	114.73616	Not Achieved		80
3410	3575	71.94618	71.93648	71.93092	100	0.00%	0.00%	165	141	104.95891	104.99497	Not Achieved		80
3420	3585	72.12851	71.9618	71.87176	100	0.00%	0.00%	165	141	107.1205	107.15693	Not Achieved		80
3430	3595	72.29437	71.80174	71.80174	100	0.00%	0.00%	165	141	165	165.02946	Achieved		100
3440	3605	72.45259	71.7205	71.7205	100	0.00%	0.00%	165	141	165	165.02492	Achieved		100
3450	3615	72.58487	71.59594	71.59594	100	0.00%	0.00%	165	141	165	165.02481	Achieved		100
3460	3625	72.6971	71.45885	71.45885	100	0.00%	0.00%	165	141	165	165.02646	Achieved		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)
3470	3635	72.78472	71.32082	71.32082	100	0.00%	0.00%	165	141	165	165.03015	Achieved		100
3480	3645	72.85328	71.16317	71.16317	100	0.00%	0.00%	165	141	165	165.02955	Achieved		100
3490	3655	72.89551	70.99341	70.99341	100	0.00%	0.00%	165	141	165	165.01633	Achieved		100
3500	3665	72.94772	70.82106	70.82106	100	0.00%	0.00%	165	141	165	165.00145	Achieved		100
3510	3675	72.99621	70.70328	70.70328	100	0.00%	0.00%	165	141	165	164.994	Achieved		100
3520	3685	73.03344	70.60183	70.60183	100	0.00%	0.00%	165	141	165	164.99259	Achieved		100
3530	3695	73.04423	70.4963	70.4963	100	0.00%	0.00%	165	141	165	164.99996	Achieved		100
3540	3705	73.02686	70.38519	70.38519	100	0.00%	0.00%	165	141	165	165.00854	Achieved		100
3550	3715	72.97042	70.29049	70.29049	100	0.00%	0.00%	165	141	165	165.00909	Achieved		100
3560	3725	72.93136	70.20524	70.20524	100	0.00%	0.00%	165	141	165	165.0066	Achieved		100
3570	3735	72.86689	70.10438	70.10438	100	0.00%	0.00%	165	141	165	165.00502	Achieved		100
3580	3745	72.79895	70.0416	70.0416	100	0.00%	0.00%	165	141	165	165.00408	Achieved		100
3590	3755	72.74177	70.00584	70.00584	100	0.00%	0.00%	165	141	165	165.00521	Achieved		100
3600	3765	72.66339	69.9847	69.9847	100	0.00%	0.00%	165	141	165	165.00572	Achieved		100
3610	3775	72.56483	69.97392	69.97392	100	0.00%	0.00%	165	141	165	165.00098	Achieved		100
3620	3785	72.42045	69.9612	69.9612	100	0.00%	0.00%	165	141	165	164.99381	Achieved		100
3630	3795	72.29216	69.95503	69.95503	100	0.00%	0.00%	165	141	165	164.98857	Achieved		100
3640	3805	72.14745	69.95568	69.95568	100	0.00%	0.00%	165	141	165	164.98738	Achieved		100
3650	3815	71.98172	69.9494	69.9494	100	0.00%	0.00%	165	141	165	164.99404	Achieved		100
3660	3825	71.79984	69.93932	69.93932	100	0.00%	0.00%	165	141	165	165.00458	Achieved		100
3670	3835	71.65762	69.94606	69.94606	100	0.00%	0.00%	165	141	165	165.00921	Achieved		100
3680	3845	71.55105	69.92461	69.92461	100	0.00%	0.00%	165	141	165	165.0102	Achieved		100
3690	3855	71.44914	69.88687	69.88687	100	0.00%	0.00%	165	141	165	165.01227	Achieved		100
3700	3865	71.33708	69.86977	69.86977	100	0.00%	0.00%	165	141	165	165.01658	Achieved		100
3710	3875	71.23338	69.8526	69.8526	100	0.00%	0.00%	165	141	165	165.02657	Achieved		100
3720	3885	71.15319	69.83964	69.83964	100	0.00%	0.00%	165	141	165	165.03916	Achieved		100
3730	3895	71.05103	69.84631	69.84631	100	0.00%	0.00%	165	141	165	165.04901	Achieved		100
3740	3905	70.96707	69.84346	69.84346	100	0.00%	0.00%	165	141	165	165.05561	Achieved		100
3750	3915	70.91847	69.81025	69.81025	100	0.00%	0.00%	165	141	165	165.05982	Achieved		100
3760	3925	70.89362	69.79914	69.79914	100	0.00%	0.00%	165	141	165	165.0623	Achieved		100
3770	3935	70.87939	69.79908	69.79908	100	0.00%	0.00%	165	141	165	165.06416	Achieved		100
3780	3945	70.86936	69.81325	69.81325	100	0.00%	0.00%	165	141	165	165.0653	Achieved		100
3790	3955	70.85749	69.81469	69.81469	100	0.00%	0.00%	165	141	165	165.06457	Achieved		100
3800	3965	70.85318	69.79054	69.79054	100	0.00%	0.00%	165	141	165	165.06205	Achieved		100
3810	3975	70.85453	69.7679	69.7679	100	0.00%	0.00%	165	141	165	165.0579	Achieved		100
3820	3985	70.84175	69.73053	69.73053	100	0.00%	0.00%	165	141	165	165.05119	Achieved		100
3830	3995	70.84344	69.74369	69.74369	100	0.00%	0.00%	165	141	165	165.04292	Achieved		100
3840	4005	70.84065	69.73541	69.73541	100	0.00%	0.00%	165	141	165	165.03338	Achieved		100
3850	4015	70.80669	69.73477	69.73477	100	0.00%	0.00%	165	141	165	165.02351	Achieved		100
3860	4025	70.77695	69.72731	69.72731	100	0.00%	0.00%	165	141	165	165.01689	Achieved		100
3870	4035	70.76486	69.716	69.716	100	0.00%	0.00%	165	141	165	165.01475	Achieved		100
3880	4045	70.73882	69.69342	69.69342	100	0.00%	0.00%	165	141	165	165.01687	Achieved		100
3890	4055	70.74437	69.68796	69.68796	100	0.00%	0.00%	165	141	165	165.02296	Achieved		100
3900	4065	70.75166	69.67022	69.67022	100	0.00%	0.00%	165	141	165	165.03269	Achieved		100
3910	4075	70.72645	69.64678	69.64678	100	0.00%	0.00%	165	141	165	165.04513	Achieved		100
3920	4085	70.70178	69.61606	69.61606	100	0.00%	0.00%	165	141	165	165.05611	Achieved		100
3930	4095	70.69602	69.60671	69.60671	100	0.00%	0.00%	165	141	165	165.06377	Achieved		100
3940	4105	70.70996	69.57333	69.57333	100	0.00%	0.00%	165	141	165	165.06944	Achieved		100
3950	4115	70.71806	69.55526	69.55526	100	0.00%	0.00%	165	141	165	165.0723	Achieved		100
3960	4125	70.70797	69.53014	69.53014	100	0.00%	0.00%	165	141	165	165.07314	Achieved		100
3970	4135	70.68171	69.53332	69.53332	100	0.00%	0.00%	165	141	165	165.07168	Achieved		100
3980	4145	70.65455	69.49103	69.49103	100	0.00%	0.00%	165	141	165	165.06504	Achieved		100
3990	4155	70.65021	69.49228	69.49228	100	0.00%	0.00%	165	141	165	165.05451	Achieved		100
4000	4165	70.63755	69.53719	69.53719	100	0.00%	0.00%	165	141	165	165.04276	Achieved		100
4010	4175	70.63499	69.5464	69.5464	100	0.00%	0.00%	165	141	165	165.03318	Achieved		100
4020	4185	70.6331	69.56301	69.56301	100	0.00%	0.00%	165	141	165	165.02625	Achieved		100
4030	4195	70.62579	69.58104	69.58104	100	0.00%	0.00%	165	141	165	165.02035	Achieved		100
4040	4205	70.5983	69.59361	69.59361	100	0.00%	0.00%	165	141	165	165.01533	Achieved		100
4050	4215	70.59226	69.56716	69.56716	100	0.00%	0.00%	165	141	165	165.01078	Achieved		100
4060	4225	70.58301	69.53443	69.53443	100	0.00%	0.00%	165	141	165	165.00643	Achieved		100
4070	4235	70.55196	69.52858	69.52858	100	0.00%	0.00%	165	141	165	165.00151	Achieved		100
4080	4245	70.52948	69.53396	69.53396	100	0.00%	0.00%	165	141	165	164.99754	Achieved		100
4090	4255	70.50616	69.54469	69.54469	100	0.00%	0.00%	165	141	165	164.99779	Achieved		100
4100	4265	70.48393	69.54852	69.54852	100	0.00%	0.00%	165	141	165	165.00079	Achieved		100
4110	4275	70.46388	69.55177	69.55177	100	0.00%	0.00%	165	141	165	165.00373	Achieved		100
4120	4285	70.44798	69.56043	69.56043	100	0.00%	0.00%	165	141	165	165.00557	Achieved		100
4130	4295	70.42177	69.5719	69.5719	100	0.00%	0.00%	165	141	165	165.00381	Achieved		100
4140	4305	70.42861	69.59017	69.59017	100	0.00%	0.00%	165	141	165	164.99996	Achieved		100
4150	4315	70.38481	69.62925	69.62925	100	0.00%	0.00%	165	141	165	164.99755	Achieved		100
4160	4325	70.41367	69.69838	69.69838	100	0.00%	0.00%	165	141	165	164.99669	Achieved		100
4170	4335	70.45102	69.73554	69.73554	100	0.00%	0.00%	165	141	165	164.99684	Achieved		100
4180	4345	70.45398	69.7652	69.7652	100	0.00%	0.00%	165	141	165	164.99757	Achieved		100
4190	4355	70.47065	69.81478	69.81478	100	0.00%	0.00%	165	141	165	164.99835	Achieved		100
4200	4365	70.49293	69.89333	69.89333	100	0.00%	0.00%	165	141	165	164.99888	Achieved		100
4210	4375	70.47988	69.97361	69.97361	100	0.00%	0.00%	165	141	165	164.99902	Achieved		100
4220	4385	70.45043	70.05243	70.05243	100	0.00%	0.00%	165	141	165	164.99916	Achieved		100
4230	4395	70.43158	70.14259	70.14259	100	0.00%	0.00%	165	141	165	164.99937	Achieved		100
4240	4405	70.42937	70.24249	70.24249	100	0.00%	0.00%	165	141	165	164.99946	Achieved		100
4250	4415	70.44003	70.33815	70.33815	100	0.00%	0.00%	165	141	165	164.99926	Achieved		100
4260	4425	70.44702	70.4184	70.4184	100	0.00%	0.00%	165	141	165	164.99882	Achieved		100
4270	4435	70.44976	70.5026	70.5026	100	0.00%	0.00%	165	141	165	164.99862	Achieved		100
4280	4445	70.45365	70.60675	70.60675	100	0.00%	0.00%	165	141	165	164.9993	Achieved		100
4290	4455	70.46907	70.67447	70.67447	100	0.00%	0.00%	165	141	165	165.00092	Achieved		100
4300	4465	70.47666	70.72424	70.72424	100	0.00%	0.00%	165	141	165	165.00275	Achieved		100
4310	4475	70.50531	70.7787	70.7787	100	0.00%	0.00%	165	141	165	165.00427	Achieved		100
4320	4485	70.56831	70.83813	70.83813	100	0.00%	0.00%	165	141	165	165.0048	Achieved		100
4330	4495	70.61874	70.90207	70.90207	100	0.00%	0.00%	165	141	165	165.00403	Achieved		100
4340	4505	70.6494	70.97571	70.97571	100	0.00%	0.00%	165	141	165	165.00319	Achieved		100
4350	4515	70.68616	71.04814	71.04814	100	0.00%	0.00%	165	141	165	165.00298	Achieved		100
4360	4525	70.75388	71.10957	71.10957	100	0.00%	0.00%	165	141	165	165.00309	Achieved		100
4370	4535	70.83436	71.14914	71.14914	100	0.00%	0.00%	165	141	165	165.00355	Achieved		100
4380	4545	70.9106	71.19298	71.19298	100	0.00%	0.00%	165	141	165	165.00382	Achieved		100
4390	4555	70.99727	71.24572	71.24572	100	0.00%	0.00%	165	141	165	165.00333	Achieved		100
4400	4565	71.092	71.32723	71.32723	100	0.00%	0.00%	165	141	165	165.00292	Achieved		100
4410	4575	71.19443	71.41811	71.41811	100	0.00%	0.00%	165	141	165	165.00306	Achieved		100
4420	4585	71.2822	71.50683	71.50683	100	0.00%	0.00%	165	141	165	165.00358	Achieved		100
4430	4595	71.35646	71.59915	71.59915	100	0.00%	0.00%	165	141	165	165.00451	Achieved		100
4440	4605	71.45265	71.68576	71.68576	100	0.00%	0.00%	165	141	165	165.0053	Achieved		100
4450	4615	71.54345	71.77461	71.77461	100	0.00%	0.00%	165	141	165	165.00511	Achieved		100
4460	4625	71.59429	71.8591	71.8591	100	0.00%	0.00%	165	141	165	165.00437	Achieved		100
4470	4635	71.65144	71.94416	71.94416	100	0.00%	0.00%	165	141	165	165.00376	Achieved		100
4480	4645	71.70638	72.03079	72.03079	100	0.00%	0.00%	165	141	165	165.00329	Achieved		100
4490	4655	71.77226	72.10354	72.10354	100	0.00%	0.00%	165	141	165	165.00343	Achieved		100
4500	4665	71.83963	72.18186	72.18186	100	0.00%	0.00%	165	141	165	165.00338	Achieved		100
4510	4675	71.90769	72.24921	72.24921	100	0.00%	0.00%	165	141	165	165.00193	Achieved		100
4520	4685	71.97932	72.36218	72.36218	100	0.00%	0.00%	165	141	165	165.00102	Achieved		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)
4530	4695	72.02906	72.48609	72.48609	100	0.00%	0.00%	165	141	165	165.00172	Achieved		100
4540	4705	72.06867	72.59584	72.59584	100	0.00%	0.00%	165	141	165	165.00306	Achieved		100
4550	4715	72.11694	72.72811	72.72811	100	0.00%	0.00%	165	141	165	165.00486	Achieved		100
4560	4725	72.18634	72.87382	72.87382	100	0.00%	0.00%	165	141	165	165.00562	Achieved		100
4570	4735	72.27154	72.96556	72.96556	100	0.00%	0.00%	165	141	165	165.00417	Achieved		100
4580	4745	72.3633	73.07892	73.07892	100	0.00%	0.00%	165	141	165	165.00259	Achieved		100
4590	4755	72.44935	73.21839	73.21839	100	0.00%	0.00%	165	141	165	165.00199	Achieved		100
4600	4765	72.54462	73.35291	73.35291	100	0.00%	0.00%	165	141	165	165.00184	Achieved		100
4610	4775	72.63096	73.49721	73.49721	100	0.00%	0.00%	165	141	165	165.0021	Achieved		100
4620	4785	72.71613	73.65367	73.65367	100	0.00%	0.00%	165	141	165	165.00214	Achieved		100
4630	4795	72.80014	73.77789	73.77789	100	0.00%	0.00%	165	141	165	165.00151	Achieved		100
4640	4805	72.89161	73.90819	73.90819	100	0.00%	0.00%	165	141	165	165.0007	Achieved		100
4650	4815	72.9699	74.04388	74.04388	100	0.00%	0.00%	165	141	165	165.00018	Achieved		100
4660	4825	73.04256	74.17817	74.17817	100	0.00%	0.00%	165	141	165	165.00015	Achieved		100
4670	4835	73.12169	74.32327	74.32327	100	0.00%	0.00%	165	141	165	165.00104	Achieved		100
4680	4845	73.20096	74.45843	74.45843	100	0.00%	0.00%	165	141	165	165.00219	Achieved		100
4690	4855	73.32561	74.57813	74.57813	100	0.00%	0.00%	165	141	165	165.00188	Achieved		100
4700	4865	73.44027	74.6926	74.6926	100	0.00%	0.00%	165	141	165	165.00009	Achieved		100
4710	4875	73.55594	74.82186	74.82186	100	0.00%	0.00%	165	141	165	164.99784	Achieved		100
4720	4885	73.70545	74.97971	74.97971	100	0.00%	0.00%	165	141	165	164.99607	Achieved		100
4730	4895	73.82587	75.13714	75.13714	100	0.00%	0.00%	165	141	165	164.99616	Achieved		100
4740	4905	73.91303	75.28258	75.28258	100	0.00%	0.00%	165	141	165	164.9976	Achieved		100
4750	4915	74.0506	75.41789	75.41789	100	0.00%	0.00%	165	141	165	164.9985	Achieved		100
4760	4925	74.1875	75.58195	75.58195	100	0.00%	0.00%	165	141	165	164.99835	Achieved		100
4770	4935	74.31952	75.77079	75.77079	100	0.00%	0.00%	165	141	165	164.99751	Achieved		100
4780	4945	74.47855	75.93852	75.93852	100	0.00%	0.00%	165	141	165	164.99644	Achieved		100
4790	4955	74.61913	76.14725	76.14725	100	0.00%	0.00%	165	141	165	164.99577	Achieved		100
4800	4965	74.74005	76.34963	76.34963	100	0.00%	0.00%	165	141	165	164.99543	Achieved		100
4810	4975	74.87732	76.5628	76.5628	100	0.00%	0.00%	165	141	165	164.99513	Achieved		100
4820	4985	75.00877	76.83486	76.83486	100	0.00%	0.00%	165	141	165	164.99574	Achieved		100
4830	4995	75.14846	77.16685	77.16685	100	0.00%	0.00%	165	141	165	164.99752	Achieved		100
4840	5005	75.29048	77.54989	77.54989	100	0.00%	0.00%	165	141	165	164.99901	Achieved		100
4850	5015	75.422	77.94595	77.94595	100	0.00%	0.00%	165	141	165	164.99938	Achieved		100
4860	5025	75.53133	78.37329	78.37329	100	0.00%	0.00%	165	141	165	164.99716	Achieved		100
4870	5035	75.65567	78.83485	78.83485	100	0.00%	0.00%	165	141	165	164.99232	Achieved		100
4880	5045	75.7967	79.26317	79.26317	100	0.00%	0.00%	165	141	165	164.98977	Achieved		100
4890	5055	75.96342	79.64246	79.64246	100	0.00%	0.00%	165	141	165	164.9913	Achieved		100
4900	5065	76.11181	79.98872	79.98872	100	0.00%	0.00%	165	141	165	164.99339	Achieved		100
4910	5075	76.25242	80.32411	80.32411	100	0.00%	0.00%	165	141	165	164.99393	Achieved		100
4920	5085	76.39355	80.6267	80.6267	100	0.00%	0.00%	165	141	165	164.98972	Achieved		100
4930	5095	76.57558	80.90628	80.90628	100	0.00%	0.00%	165	141	165	164.97862	Achieved		100
4940	5105	76.76585	81.16479	81.16479	100	0.00%	0.00%	165	141	165	164.97366	Achieved		100
4950	5115	76.95255	81.38392	81.38392	100	0.00%	0.00%	165	141	165	164.97418	Achieved		100
4960	5125	77.14472	81.63034	81.63034	100	0.00%	0.00%	165	141	165	164.97144	Achieved		100
4970	5135	77.35266	81.90817	81.90817	100	0.00%	0.00%	165	141	165	164.96223	Achieved		100
4980	5145	77.5886	82.14049	82.14049	100	0.00%	0.00%	165	141	165	164.95531	Achieved		100
4990	5155	77.89515	82.36228	82.36228	100	0.00%	0.00%	165	141	165	164.95367	Achieved		100
5000	5165	78.25501	82.58663	82.58663	100	0.00%	0.00%	165	141	165	164.95185	Achieved		100
5010	5175	78.64419	82.80483	82.80483	100	0.00%	0.00%	165	141	165	164.94862	Achieved		100
5020	5185	79.05705	83.01226	83.01226	100	0.00%	0.00%	165	141	165	164.94532	Achieved		100
5030	5195	79.50261	83.1944	83.1944	100	0.00%	0.00%	165	141	165	164.94353	Achieved		100
5040	5205	79.95418	83.33828	83.33828	100	0.00%	0.00%	165	141	165	164.94078	Achieved		100
5050	5215	80.35739	83.49083	83.49083	100	0.00%	0.00%	165	141	165	164.93217	Achieved		100
5060	5225	80.71499	83.60386	83.60386	100	0.00%	0.00%	165	141	165	164.9215	Achieved		100
5070	5235	81.06023	83.71965	83.71965	100	0.00%	0.00%	165	141	165	164.91357	Achieved		100
5080	5245	81.37955	83.79624	83.79624	100	0.00%	0.00%	165	141	165	164.90924	Achieved		100
5090	5255	81.66774	83.85434	83.85434	100	0.00%	0.00%	165	141	165	164.94896	Achieved		100
5100	5265	81.94468	83.90827	83.90827	100	0.00%	0.00%	165	141	165	164.91176	Achieved		100
5110	5275	82.17274	83.96779	83.96779	100	0.00%	0.00%	165	141	165	164.90598	Achieved		100
5120	5285	82.40276	84.03371	84.03371	100	0.00%	0.00%	165	141	165	164.89724	Achieved		100
5130	5295	82.68077	84.08831	84.08831	100	0.00%	0.00%	165	141	165	164.89303	Achieved		100
5140	5305	82.92699	84.12247	84.12247	100	0.00%	0.00%	165	141	165	164.89372	Achieved		100
5150	5315	83.15125	84.15334	84.15334	100	0.00%	0.00%	165	141	165	164.89346	Achieved		100
5160	5325	83.37328	84.19073	84.19073	100	0.00%	0.00%	165	141	165	164.88967	Achieved		100
5170	5335	83.59644	84.21711	84.21711	100	0.00%	0.00%	165	141	165	164.88574	Achieved		100
5180	5345	83.81031	84.24175	84.24175	100	0.00%	0.00%	165	141	165	164.88527	Achieved		100
5190	5355	84.00759	84.26397	84.26397	100	0.00%	0.00%	165	141	165	164.8889	Achieved		100
5200	5365	84.1786	84.27528	84.27528	100	0.00%	0.00%	165	141	165	164.89229	Achieved		100
5210	5375	84.3288	84.27889	84.27889	100	0.00%	0.00%	165	141	165	164.89335	Achieved		100
5220	5385	84.45138	84.28405	84.28405	100	0.00%	0.00%	165	141	165	164.89576	Achieved		100
5230	5395	84.56376	84.29045	84.29045	100	0.00%	0.00%	165	141	165	164.90004	Achieved		100
5240	5405	84.66304	84.30191	84.30191	100	0.00%	0.00%	165	141	165	164.90464	Achieved		100
5250	5415	84.72787	84.28426	84.28426	100	0.00%	0.00%	165	141	165	164.9095	Achieved		100
5260	5425	84.78007	84.29392	84.29392	100	0.00%	0.00%	165	141	165	164.90717	Achieved		100
5270	5435	84.83695	84.28034	84.28034	100	0.00%	0.00%	165	141	165	164.89627	Achieved		100
5280	5445	84.89904	84.2613	84.2613	100	0.00%	0.00%	165	141	165	164.88682	Achieved		100
5290	5455	84.96117	84.195	84.195	100	0.00%	0.00%	165	141	165	164.88419	Achieved		100
5300	5465	85.008	84.13632	84.13632	100	0.00%	0.00%	165	141	165	164.87874	Achieved		100
5310	5475	85.03689	84.16405	84.16405	100	0.00%	0.00%	165	141	165	164.86307	Achieved		100
5320	5485	85.06641	84.18683	84.18683	100	0.00%	0.00%	165	141	165	164.84675	Achieved		100
5330	5495	85.10664	84.20737	84.20737	100	0.00%	0.00%	165	141	165	164.83932	Achieved		100
5340	5505	85.13442	84.22628	84.22628	100	0.00%	0.00%	165	141	165	164.84055	Achieved		100
5350	5515	85.15246	84.21978	84.21978	100	0.00%	0.00%	165	141	165	164.84743	Achieved		100
5360	5525	85.17397	84.17846	84.17846	100	0.00%	0.00%	165	141	165	164.85431	Achieved		100
5370	5535	85.17884	84.13908	84.13908	100	0.00%	0.00%	165	141	165	164.86038	Achieved		100
5380	5545	85.18294	84.1133	84.1133	100	0.00%	0.00%	165	141	165	164.86541	Achieved		100
5390	5555	85.18677	84.09886	84.09886	100	0.00%	0.00%	165	141	165	164.8666	Achieved		100
5400	5565	85.19795	84.08498	84.08498	100	0.00%	0.00%	165	141	165	164.86949	Achieved		100
5410	5575	85.197	84.06959	84.06959	100	0.00%	0.00%	165	141	165	164.8789	Achieved		100
5420	5585	85.19193	84.02546	84.02546	100	0.00%	0.00%	165	141	165	164.88875	Achieved		100
5430	5595	85.19227	83.99225	83.99225	100	0.00%	0.00%	165	141	165	164.90116	Achieved		100
5440	5605	85.17001	83.98249	83.98249	100	0.00%	0.00%	165	141	165	164.90853	Achieved		100
5450	5615	85.13363	83.98191	83.98191	100	0.00%	0.00%	165	141	165	164.90142	Achieved		100
5460	5625	85.07229	83.97591	83.97591	100	0.00%	0.00%	165	141	165	164.8952	Achieved		100
5470	5635	85.05643	83.94477	83.94477	100	0.00%	0.00%	165	141	165	164.90273	Achieved		100
5480	5645	85.07531	83.90991	83.90991	100	0.00%	0.00%	165	141	165	164.89875	Achieved		100
5490	5655	85.09947	83.87995	83.87995	100	0.00%	0.00%	165	141	165	164.90231	Achieved		100
5500	5665	85.11414	83.82915	83.82915	100	0.00%	0.00%	165	141	165	164.88452	Achieved		100
5510	5675	85.12709	83.79629	83.79629	100	0.00%	0.00%	165	141	165	164.87845	Achieved		100
5520	5685	85.09898	83.79979	83.79979	100	0.00%	0.00%	165	141	165	164.8713	Achieved		100
5530	5695	85.05818	83.79971	83.79971	100	0.00%	0.00%	165	141	165	164.86398	Achieved		100
5540	5705	85.0265	83.81919	83.81919	100	0.00%	0.00%	165	141	165	164.86251	Achieved		100
5550	5715	85.00478	83.88153	83.88153	100	0.00%	0.00%	165	141	165	164.86741	Achieved		100
5560	5725	84.98821	83.98442	83.98442	100	0.00%	0.00%	165	141	165	164.86861	Achieved		100
5570	5735	84.98114	84.12085	84.12085	100	0.00%	0.00%	165	141	165	164.85962	Achieved		100
5580	5745	84.94859	84.27284	84.27284	100	0.00%	0.00%	165	141	165	164.85561	Achieved		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)
5590	5755	84.90552	84.43839	84.43839	100	0.00%	0.00%	165	141	165	164.86747	Achieved		100
5600	5765	84.88348	84.60951	84.60951	100	0.00%	0.00%	165	141	165	164.87436	Achieved		100
5610	5775	84.88385	84.77615	84.77615	100	0.00%	0.00%	165	141	165	164.83578	Achieved		100
5620	5785	84.88201	84.94601	84.94601	100	0.00%	0.00%	165	141	165	164.86792	Achieved		100
5630	5795	84.86072	85.13389	85.13389	100	0.00%	0.00%	165	141	165	164.87233	Achieved		100
5640	5805	84.83005	85.35489	85.35489	100	0.00%	0.00%	165	141	165	164.88073	Achieved		100
5650	5815.002	84.77453	85.57996	85.57996	100	0.00%	0.00%	165	141	165.00246	164.89178	Achieved		100
5660	5825	84.76093	85.80837	85.80837	100	0.00%	0.00%	165	141	165	164.89575	Achieved		100
5670	5835	84.69826	86.0483	86.0483	100	0.00%	0.00%	165	141	165	164.894	Achieved		100
5680	5845	84.69983	86.28638	86.28638	100	0.00%	0.00%	165	141	165	164.88939	Achieved		100
5690	5855	84.69858	86.49227	86.49227	100	0.00%	0.00%	165	141	165	164.89129	Achieved		100
5700	5865	84.70951	86.68721	86.68721	100	0.00%	0.00%	165	141	165	164.89172	Achieved		100
5710	5875	84.7439	86.86222	86.86222	100	0.00%	0.00%	165	141	165	164.8846	Achieved		100
5720	5885	84.82376	87.04295	87.04295	100	0.00%	0.00%	165	141	165	164.87789	Achieved		100
5730	5895	84.94727	87.18434	87.18434	100	0.00%	0.00%	165	141	165	164.87826	Achieved		100
5740	5905	85.09454	87.31639	87.31639	100	0.00%	0.00%	165	141	165	164.87825	Achieved		100
5750	5915	85.25339	87.41326	87.41326	100	0.00%	0.00%	165	141	165	164.87076	Achieved		100
5760	5925	85.42204	87.53	87.53	100	0.00%	0.00%	165	141	165	164.87222	Achieved		100
5770	5935	85.5906	87.6495	87.6495	100	0.00%	0.00%	165	141	165	164.89484	Achieved		100
5780	5945	85.76046	87.72355	87.72355	100	0.00%	0.00%	165	141	165	164.91185	Achieved		100
5790	5955	85.9367	87.77478	87.77478	100	0.00%	0.00%	165	141	165	164.90349	Achieved		100
5800	5965	86.13595	87.84567	87.84567	100	0.00%	0.00%	165	141	165	164.88955	Achieved		100
5810	5975	86.36896	87.92846	87.92846	100	0.00%	0.00%	165	141	165	164.88963	Achieved		100
5819.997	5985	86.59594	87.99879	87.99879	100	0.00%	0.00%	165	141	165.00272	164.89559	Achieved		100
5830	5995	86.82728	88.03359	88.03359	100	0.00%	0.00%	165	141	165	164.89643	Achieved		100
5840	6005	87.07107	88.05797	88.05797	100	0.00%	0.00%	165	141	165	164.8966	Achieved		100
5850	6015	87.29177	88.08299	88.08299	100	0.00%	0.00%	165	141	165	164.89625	Achieved		100
5860	6025	87.48883	88.09295	88.09295	100	0.00%	0.00%	165	141	165	164.89929	Achieved		100
5870	6035	87.68053	88.10329	88.10329	100	0.00%	0.00%	165	141	165	164.90694	Achieved		100
5880	6045	87.8526	88.16107	88.16107	100	0.00%	0.00%	165	141	165	164.91513	Achieved		100
5890	6055	88.01635	88.2234	88.2234	100	0.00%	0.00%	165	141	165	164.9224	Achieved		100
5900	6065	88.15718	88.25209	88.25209	100	0.00%	0.00%	165	141	165	164.93108	Achieved		100
5910	6075	88.26482	88.28278	88.28278	100	0.00%	0.00%	165	141	165	164.9411	Achieved		100
5920	6085	88.36604	88.32694	88.32694	100	0.00%	0.00%	165	141	165	164.94467	Achieved		100
5930	6095	88.49107	88.38861	88.38861	100	0.00%	0.00%	165	141	165	164.94064	Achieved		100
5940	6105	88.58667	88.42351	88.42351	100	0.00%	0.00%	165	141	165	164.94337	Achieved		100
5950	6115	88.65462	88.42127	88.42127	100	0.00%	0.00%	165	141	165	164.95546	Achieved		100
5960	6125	88.70621	88.40286	88.40286	100	0.00%	0.00%	165	141	165	164.96028	Achieved		100
5970	6135	88.78584	88.38801	88.38801	100	0.00%	0.00%	165	141	165	164.95632	Achieved		100
5980	6145	88.85973	88.37556	88.37556	100	0.00%	0.00%	165	141	165	164.96012	Achieved		100
5990	6155	88.91674	88.32925	88.32925	100	0.00%	0.00%	165	141	165	164.97255	Achieved		100
6000	6165	88.9489	88.24774	88.24774	100	0.00%	0.00%	165	141	165	164.98152	Achieved		100
6010	6175	88.97342	88.12981	88.12981	100	0.00%	0.00%	165	141	165	164.98538	Achieved		100
6020	6185	88.98758	88.02548	88.02548	100	0.00%	0.00%	165	141	165	164.98656	Achieved		100
6030	6195	88.99816	87.90358	87.90358	100	0.00%	0.00%	165	141	165	164.98881	Achieved		100
6040	6205	89.027	88.13087	87.73669	100	0.00%	0.00%	165	141	114.59396	114.59326	Not Achieved		80
6050	6215	89.09726	88.12692	87.57721	100	0.00%	0.00%	165	141	105.33343	105.33471	Not Achieved		80
6060	6225	89.13839	88.13302	87.3858	100	0.00%	0.00%	165	141	94.66181	94.66121	Not Achieved		70
6070	6235	89.16425	88.09555	87.20288	100	0.00%	0.00%	165	141	89.91508	89.91712	Not Achieved		70
6080	6245	89.20167	87.90816	87.01558	100	0.00%	0.00%	165	141	97.64792	97.64761	Not Achieved		70
6090	6255	89.25971	87.69037	86.84553	100	0.00%	0.00%	165	141	107.28463	107.27997	Not Achieved		80
6100	6265	89.30997	86.69802	86.69802	100	0.00%	0.00%	165	141	165	165.03983	Achieved		100
6110	6275	89.32662	86.6009	86.6009	100	0.00%	0.00%	165	141	165	165.0461	Achieved		100
6120	6285	89.31333	86.54359	86.54359	100	0.00%	0.00%	165	141	165	165.05259	Achieved		100
6130	6295	89.29195	86.49131	86.49131	100	0.00%	0.00%	165	141	165	165.05958	Achieved		100
6140	6305	89.28396	86.48002	86.48002	100	0.00%	0.00%	165	141	165	165.05919	Achieved		100
6150	6315	89.25844	86.49553	86.49553	100	0.00%	0.00%	165	141	165	165.05129	Achieved		100
6160	6325	89.19194	86.52557	86.52557	100	0.00%	0.00%	165	141	165	165.04663	Achieved		100
6170	6335	89.08978	86.55703	86.55703	100	0.00%	0.00%	165	141	165	165.04828	Achieved		100
6180	6345	88.97549	86.61349	86.61349	100	0.00%	0.00%	165	141	165	165.05453	Achieved		100
6190	6355	88.87148	86.67274	86.67274	100	0.00%	0.00%	165	141	165	165.06301	Achieved		100
6200	6365	88.73629	86.74553	86.74553	100	0.00%	0.00%	165	141	165	165.06505	Achieved		100
6210	6375	88.56069	86.8244	86.8244	100	0.00%	0.00%	165	141	165	165.0717	Achieved		100
6220	6385	88.3815	86.89785	86.89785	100	0.00%	0.00%	165	141	165	165.07051	Achieved		100
6230	6395	88.19421	86.98142	86.98142	100	0.00%	0.00%	165	141	165	165.06718	Achieved		100
6240	6405	88.0078	87.06904	87.06904	100	0.00%	0.00%	165	141	165	165.06442	Achieved		100
6250	6415	87.82638	87.13539	87.13539	100	0.00%	0.00%	165	141	165	165.06339	Achieved		100
6260	6425	87.66729	87.21149	87.21149	100	0.00%	0.00%	165	141	165	165.06167	Achieved		100
6270	6435	87.54265	87.27345	87.27345	100	0.00%	0.00%	165	141	165	165.05666	Achieved		100
6280	6445	87.47124	87.34821	87.34821	100	0.00%	0.00%	165	141	165	165.04951	Achieved		100
6290	6455	87.41405	87.43979	87.43979	100	0.00%	0.00%	165	141	165	165.04175	Achieved		100
6300	6465	87.37997	87.54568	87.54568	100	0.00%	0.00%	165	141	165	165.03649	Achieved		100
6310	6475	87.38105	87.64468	87.64468	100	0.00%	0.00%	165	141	165	165.03504	Achieved		100
6320	6485	87.40923	87.72961	87.72961	100	0.00%	0.00%	165	141	165	165.03335	Achieved		100
6330	6495	87.44223	87.83981	87.83981	100	0.00%	0.00%	165	141	165	165.03002	Achieved		100
6340	6505	87.47899	88.01418	88.01418	100	0.00%	0.00%	165	141	165	165.02683	Achieved		100
6350	6515	87.54074	88.20708	88.20708	100	0.00%	0.00%	165	141	165	165.02338	Achieved		100
6360	6525	87.60915	88.43159	88.43159	100	0.00%	0.00%	165	141	165	165.0185	Achieved		100
6370	6535	87.68619	88.71634	88.71634	100	0.00%	0.00%	165	141	165	165.01172	Achieved		100
6380	6545	87.76199	89.03741	89.03741	100	0.00%	0.00%	165	141	165	165.0027	Achieved		100
6390	6555	87.83752	89.42174	89.42174	100	0.00%	0.00%	165	141	165	164.99438	Achieved		100
6400	6565	87.92728	89.83806	89.83806	100	0.00%	0.00%	165	141	165	164.9914	Achieved		100
6410	6575	88.00246	90.27658	90.27658	100	0.00%	0.00%	165	141	165	164.99294	Achieved		100
6420	6585	88.07312	90.77459	90.77459	100	0.00%	0.00%	165	141	165	164.99626	Achieved		100
6430	6595	88.14783	91.29956	91.29956	100	0.00%	0.00%	165	141	165	165.00026	Achieved		100
6440	6605	88.20503	91.8435	91.8435	100	0.00%	0.00%	165	141	165	165.00487	Achieved		100
6450	6615	88.28827	92.37783	92.37783	100	0.00%	0.00%	165	141	165	165.00846	Achieved		100
6460	6625	88.39196	92.91648	92.91648	100	0.00%	0.00%	165	141	165	165.00673	Achieved		100
6470	6635	88.49439	93.45467	93.45467	100	0.00%	0.00%	165	141	165	165.00152	Achieved		100
6480	6645	88.59164	93.9852	93.9852	100	0.00%	0.00%	165	141	165	164.99694	Achieved		100
6490	6655	88.6791	94.50266	94.50266	100	0.00%	0.00%	165	141	165	164.99516	Achieved		100
6500	6665	88.82248	95.01913	95.01913	100	0.00%	0.00%	165	141	165	164.99939	Achieved		100
6510	6675	89.0111	95.51585	95.51585	100	0.00%	0.00%	165	141	165	165.00661	Achieved		100
6520	6685	89.21224	96.00901	96.00901	100	0.00%	0.00%	165	141	165	165.01226	Achieved		100
6530	6695	89.46671	96.52752	96.52752	100	0.00%	0.00%	165	141	165	165.0192	Achieved		100
6540	6705	89.784	97.04281	97.04281	100	0.00%	0.00%	165	141	165	165.03395	Achieved		100
6550	6715	90.13274	97.55291	97.55291	100	0.00%	0.00%	165	141	165	165.05811	Achieved		100
6560	6725	90.5281	98.03025	98.03025	100	0.00%	0.00%	165	141	165	165.08707	Achieved		100
6570	6735	90.92517	98.46636	98.46636	100	0.00%	0.00%	165	141	165	165.10657	Achieved		100
6580	6745	91.42494	98.87421	98.87421	100	0.00%	0.00%	165	141	165	165.10297	Achieved		100
6590	6755	91.93243	99.24925	99.24925	100	0.00%	0.00%	165	141	165	165.07813	Achieved		100
6600	6765	92.47586	99.62451	99.62451	100	0.00%	0.00%	165	141	165	165.03642	Achieved		100
6610	6775	93.01003	100.01458	100.01458	100	0.00%	0.00%	165	141	165	164.98053	Achieved		100
6620	6785	93.54654	100.40286	100.40286	100	0.00%	0.00%	165	141	165	164.91759	Achieved		100
6630	6795	94.08496	100.76412	100.76412	100	0.00%	0.00%	165	141	165	164.85238	Achieved		100
6640	6805	94.62071	101.12442	101.12442	100	0.00%	0.00%	165	141	165	164.78554	Achieved		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)
6630	6815	95.14308	101.48269	101.48269	100	0.00%	0.00%	165	141	165	164.72013	Achieved		100
6660	6825	95.65993	101.83725	101.83725	100	0.00%	0.00%	165	141	165	164.65665	Achieved		100
6670	6835	96.17096	102.16684	102.16684	100	0.00%	0.00%	165	141	165	164.59739	Achieved		100
6680	6845	96.66133	102.48283	102.48283	100	0.00%	0.00%	165	141	165	164.53454	Achieved		100
6690	6855	97.17586	102.80831	102.80831	100	0.00%	0.00%	165	141	165	164.54277	Achieved		100
6700	6865	97.67705	103.16135	103.16135	100	0.00%	0.00%	165	141	165	164.56453	Achieved		100
6710	6875	98.19796	103.5083	103.5083	100	0.00%	0.00%	165	141	165	164.61624	Achieved		100
6720	6885	98.69663	103.85046	103.85046	100	0.00%	0.00%	165	141	165	164.68322	Achieved		100
6730	6895	99.14787	104.22465	104.22465	100	0.00%	0.00%	165	141	165	164.74568	Achieved		100
6740	6905	99.5786	104.58282	104.58282	100	0.00%	0.00%	165	141	165	164.80517	Achieved		100
6750	6915	99.96337	104.94489	104.94489	100	0.00%	0.00%	165	141	165	164.86667	Achieved		100
6760	6925	100.33396	105.3444	105.3444	100	0.00%	0.00%	165	141	165	164.92747	Achieved		100
6770	6935	100.71944	105.76692	105.76692	100	0.00%	0.00%	165	141	165	164.98489	Achieved		100
6780	6945	101.11043	106.22494	106.22494	100	0.00%	0.00%	165	141	165	165.03564	Achieved		100
6790	6955	101.48593	106.66851	106.66851	100	0.00%	0.00%	165	141	165	165.07606	Achieved		100
6800	6965	101.84474	107.10329	107.10329	100	0.00%	0.00%	165	141	165	165.10564	Achieved		100
6810	6975	102.20259	107.57916	107.57916	100	0.00%	0.00%	165	141	165	165.12304	Achieved		100
6820	6985	102.56349	108.11749	108.11749	100	0.00%	0.00%	165	141	165	165.12983	Achieved		100
6830	6995	102.90681	108.68894	108.68894	100	0.00%	0.00%	165	141	165	165.12813	Achieved		100
6840	7005	103.22753	109.23716	109.23716	100	0.00%	0.00%	165	141	165	165.12083	Achieved		100
6850	7015	103.54522	109.81825	109.81825	100	0.00%	0.00%	165	141	165	165.11013	Achieved		100
6860	7025	103.88667	110.48586	110.48586	100	0.00%	0.00%	165	141	165	165.09528	Achieved		100
6870	7035	104.20839	111.17349	111.17349	100	0.00%	0.00%	165	141	165	165.07756	Achieved		100
6880	7045	104.55292	111.8598	111.8598	100	0.00%	0.00%	165	141	165	165.05791	Achieved		100
6890	7055	104.93984	112.54838	112.54838	100	0.00%	0.00%	165	141	165	165.03668	Achieved		100
6900	7065	105.30269	113.20812	113.20812	100	0.00%	0.00%	165	141	165	165.01384	Achieved		100
6910	7075	105.65885	113.8687	113.8687	100	0.00%	0.00%	165	141	165	164.99099	Achieved		100
6920	7085	106.04639	114.53481	114.53481	100	0.00%	0.00%	165	141	165	164.97055	Achieved		100
6930	7095	106.45737	115.19873	115.19873	100	0.00%	0.00%	165	141	165	164.9562	Achieved		100
6940	7105	106.88338	115.83808	115.83808	100	0.00%	0.00%	165	141	165	164.94931	Achieved		100
6950	7115	107.35035	116.5387	116.5387	100	0.00%	0.00%	165	141	165	164.95039	Achieved		100
6960	7125	107.77928	117.2121	117.2121	100	0.00%	0.00%	165	141	165	164.95742	Achieved		100
6970	7135	108.23342	117.87671	117.87671	100	0.00%	0.00%	165	141	165	164.9681	Achieved		100
6980	7145	108.74107	118.53555	118.53555	100	0.00%	0.00%	165	141	165	164.98062	Achieved		100
6990	7155	109.30968	119.1263	119.1263	100	0.00%	0.00%	165	141	165	164.99605	Achieved		100
7000	7165	109.85705	119.63657	119.63657	100	0.00%	0.00%	165	141	165	165.01727	Achieved		100
7010	7175	110.41977	120.18943	120.18943	100	0.00%	0.00%	165	141	165	165.03693	Achieved		100
7020	7185	111.04335	118.36769	120.70066	100	0.00%	0.00%	165	141	125.14221	125.17573	Not Achieved		90
7030	7195	111.72747	118.11433	121.19824	100	0.00%	0.00%	165	141	111.24815	111.30103	Not Achieved		80
7040	7205	112.41712	118.12575	121.68861	100	0.00%	0.00%	165	141	101.52805	101.6006	Not Achieved		80
7050	7215	113.10616	118.31556	122.17827	100	0.00%	0.00%	165	141	94.62609	94.71451	Not Achieved		70
7060	7225	113.78241	119.09076	122.68646	100	0.00%	0.00%	165	141	98.18054	98.27434	Not Achieved		70
7070	7235	114.43208	123.17181	123.17181	100	0.00%	0.00%	165	141	165	164.69636	Achieved		100
7080	7245	115.10448	123.60745	123.60745	100	0.00%	0.00%	165	141	165	164.49761	Achieved		100
7090	7255	115.76696	124.01745	124.01745	100	0.00%	0.00%	165	141	165	164.23996	Achieved		100
7100	7265	116.42368	122.02965	124.40775	100	0.00%	0.00%	165	141	115.63091	115.09347	Not Achieved		80
7110	7275	117.09788	121.83581	124.74539	100	0.00%	0.00%	165	141	101.71331	101.31287	Not Achieved		80
7120	7285	117.77579	121.84611	125.05308	100	0.00%	0.00%	165	141	91.57262	91.2189	Not Achieved		70
7130	7295	118.44674	121.81724	125.31833	100	0.00%	0.00%	165	141	79.80117	79.76098	Not Achieved		60
7140	7305	119.10908	121.86075	125.51962	100	0.00%	0.00%	165	141	69.46336	69.59041	Not Achieved		60
7150	7315	119.74011	121.96097	125.68062	100	0.00%	0.00%	165	141	60.10338	60.43211	Not Achieved		50
7160	7325	120.28787	122.08391	125.80014	100	0.00%	0.00%	165	141	52.21003	52.5275	Not Achieved		50
7170	7335	120.81825	122.26356	125.82713	100	0.00%	0.00%	165	141	46.08519	46.41433	Not Achieved		40
7180	7345	121.3549	122.41413	125.80483	100	0.00%	0.00%	165	141	37.67959	38.22145	Not Achieved		40
7190	7355	121.84555	122.56091	125.75721	100	0.00%	0.00%	165	141	28.6431	29.32651	Not Achieved		FALSE
7200	7365	122.34543	122.87742	125.65933	100	0.00%	0.00%	165	141	24.96653	25.71902	Not Achieved		FALSE
7210	7375	122.82053	123.23533	125.52361	100	0.00%	0.00%	165	141	23.82749	24.56774	Not Achieved		FALSE
7220	7385	123.33442	123.65413	125.37369	100	0.00%	0.00%	165	141	24.303	25.083	Not Achieved		FALSE
7230	7395	123.83963	124.05902	125.21376	100	0.00%	0.00%	165	141	24.73211	25.53048	Not Achieved		FALSE
7240	7405	124.29805	124.41696	125.01065	100	0.00%	0.00%	165	141	26.11063	26.6748	Not Achieved		FALSE
7250	7415	124.71822	124.72574	124.76368	100	0.00%	0.00%	165	141	25.90676	26.42044	Not Achieved		FALSE
7260	7425	125.11054	125.00345	124.4826	100	0.00%	0.00%	165	141	26.74779	27.25676	Not Achieved		FALSE
7270	7435	125.47532	125.25353	124.18751	100	0.00%	0.00%	165	141	27.01936	27.53012	Not Achieved		FALSE
7280	7445	125.80758	125.48969	123.90258	100	0.00%	0.00%	165	141	25.14935	25.8413	Not Achieved		FALSE
7290	7455	126.0937	125.666	123.5367	100	0.00%	0.00%	165	141	26.19179	26.75259	Not Achieved		FALSE
7300	7465	126.32307	125.77221	123.15502	100	0.00%	0.00%	165	141	27.2166	27.9088	Not Achieved		FALSE
7310	7475	126.50288	125.82772	122.74585	100	0.00%	0.00%	165	141	28.02333	28.78283	Not Achieved		FALSE
7320	7485	126.65094	125.86437	122.32631	100	0.00%	0.00%	165	141	28.45947	29.1687	Not Achieved		FALSE
7330	7495	126.72267	125.79615	121.85662	100	0.00%	0.00%	165	141	29.95842	30.59231	Not Achieved		FALSE
7340	7505	126.71923	125.67861	121.31475	100	0.00%	0.00%	165	141	30.78973	31.0126	Not Achieved		FALSE
7350	7515	126.6796	125.48292	120.77813	100	0.00%	0.00%	165	141	32.5989	32.75343	Not Achieved		FALSE
7360	7525	126.61676	125.22829	120.23908	100	0.00%	0.00%	165	141	35.16004	35.26973	Not Achieved		FALSE
7370	7535	126.49775	124.91682	119.65478	100	0.00%	0.00%	165	141	37.70133	37.53748	Not Achieved		40
7380	7545	126.34271	124.61691	119.05066	100	0.00%	0.00%	165	141	38.76147	38.55861	Not Achieved		40
7390	7555	126.19858	124.16742	118.44139	100	0.00%	0.00%	165	141	43.16784	42.76489	Not Achieved		40
7400	7565	126.00742	123.73957	117.83042	100	0.00%	0.00%	165	141	45.96386	45.39489	Not Achieved		40
7410	7575	125.78915	119.82216	117.22112	100	0.00%	0.00%	165	141	115.3247	114.1998	Not Achieved		80
7420	7585	125.52876	119.85636	116.58004	100	0.00%	0.00%	165	141	104.93602	104.1026	Not Achieved		80
7430	7595	125.23517	119.89653	115.9355	100	0.00%	0.00%	165	141	95.00485	94.40513	Not Achieved		70
7440	7605	124.94931	115.30812	115.30812	100	0.00%	0.00%	165	141	165	164.61861	Achieved		100
7450	7615	124.62346	114.67165	114.67165	100	0.00%	0.00%	165	141	165	164.74824	Achieved		100
7460	7625	124.24771	114.02587	114.02587	100	0.00%	0.00%	165	141	165	164.83998	Achieved		100
7470	7635	123.85008	113.35516	113.35516	100	0.00%	0.00%	165	141	165	164.9024	Achieved		100
7480	7645	123.44009	112.74019	112.74019	100	0.00%	0.00%	165	141	165	164.94584	Achieved		100
7490	7655	123.00549	112.11008	112.11008	100	0.00%	0.00%	165	141	165	164.97535	Achieved		100
7500	7665	122.4892	111.4719	111.4719	100	0.00%	0.00%	165	141	165	164.99374	Achieved		100
7510	7675	121.93974	110.85333	110.85333	100	0.00%	0.00%	165	141	165	165.00266	Achieved		100
7520	7685	121.40537	110.20666	110.20666	100	0.00%	0.00%	165	141	165	164.99824	Achieved		100
7530	7695	120.85343	109.54573	109.54573	100	0.00%	0.00%	165	141	165	164.99731	Achieved		100
7540	7705	120.24803	108.89099	108.89099	100	0.00%	0.00%	165	141	165	165.00089	Achieved		100
7550	7715	119.65139	108.25359	108.25359	100	0.00%	0.00%	165	141	165	165.00569	Achieved		100
7560	7725	119.03208	107.66994	107.66994	100	0.00%	0.00%	165	141	165	165.01099	Achieved		100
7570	7735	118.42871	107.06527	107.06527	100	0.00%	0.00%	165	141	165	165.01314	Achieved		100
7580	7745	117.80085	106.47081	106.47081	100	0.00%	0.00%	165	141	165	165.00834	Achieved		100
7590	7755	117.15757	105.85144	105.85144	100	0.00%	0.00%	165	141	165	165.00108	Achieved		100
7600	7765	116.52026	105.21082	105.21082	100	0.00%	0.00%	165	141	165	164.99553	Achieved		100
7610	7775	115.91214	104.57526	104.57526	100	0.00%	0.00%	165	141	165	164.99097	Achieved		100
7620	7785	115.24092	103.93512	103.93512	100	0.00%	0.00%	165	141	165	164.98852	Achieved		100
7630	7795	114.59506	103.32064	103.32064	100	0.00%	0.00%	165	141	165	164.9873	Achieved		100
7640	7805	113.95179	102.70125	102.70125	100	0.00%	0.00%	165	141	165	164.98468	Achieved		100
7650	7815	113.31798	102.07118	102.07118	100	0.00%	0.00%	165	141	165	164.98118	Achieved		100
7660	7825	112.68944	101.44346	101.44346	100	0.00%	0.00%	165	141	165	164.97879	Achieved		100
7670	7835	112.07017	100.79779	100.79779	100	0.00%	0.00%	165	141	165	164.97798	Achieved		100
7680	7855	110.77331	99.53969	99.53969	100	0.00%	0.00%	165	141	165	164.98881	Achieved		100
7700	7865	110.1151	98.93777	98.93777	100	0.00%	0.00%	165	141	165	164.98598	Achieved		100
7710	7875	109.46529	98.33742	98.33742	100	0.00%	0.00%	165	141	165	164.9764	Achieved		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)
7720	7885	108.85547	97.75896	97.75896	100	0.00%	0.00%	165	141	165	164.96371	Achieved		100
7730	7895	108.27325	97.21032	97.21032	100	0.00%	0.00%	165	141	165	164.95026	Achieved		100
7740	7905	107.66094	96.68392	96.68392	100	0.00%	0.00%	165	141	165	164.9402	Achieved		100
7750	7915	107.06811	96.20437	96.20437	100	0.00%	0.00%	165	141	165	164.93132	Achieved		100
7760	7925	106.42831	95.76082	95.76082	100	0.00%	0.00%	165	141	165	164.91797	Achieved		100
7770	7935	105.7868	95.34219	95.34219	100	0.00%	0.00%	165	141	165	164.90032	Achieved		100
7780	7945	105.16323	94.96771	94.96771	100	0.00%	0.00%	165	141	165	164.88022	Achieved		100
7790	7955	104.5064	94.67986	94.67986	100	0.00%	0.00%	165	141	165	164.86023	Achieved		100
7800	7965	103.92388	94.44798	94.44798	100	0.00%	0.00%	165	141	165	164.84327	Achieved		100
7810	7975	103.28078	94.22698	94.22698	100	0.00%	0.00%	165	141	165	164.83139	Achieved		100
7820	7985	102.66328	93.99699	93.99699	100	0.00%	0.00%	165	141	165	164.82498	Achieved		100
7830	7995	102.01953	93.82404	93.82404	100	0.00%	0.00%	165	141	165	164.81929	Achieved		100
7840	8005	101.38744	93.72826	93.72826	100	0.00%	0.00%	165	141	165	164.81145	Achieved		100
7850	8015	100.7497	93.66105	93.66105	100	0.00%	0.00%	165	141	165	164.80491	Achieved		100
7860	8025	100.13294	93.61113	93.61113	100	0.00%	0.00%	165	141	165	164.80545	Achieved		100
7870	8035	99.53324	93.64853	93.64853	100	0.00%	0.00%	165	141	165	164.80176	Achieved		100
7880	8045	98.943	93.70599	93.70599	100	0.00%	0.00%	165	141	165	164.81095	Achieved		100
7890	8055	98.38427	93.71669	93.71669	100	0.00%	0.00%	165	141	165	164.83375	Achieved		100
7900	8065	97.83636	93.50352	90.93387	100	0.00%	0.00%	165	141	103.61326	103.4831	Not Achieved		80
7910	8075	97.33179	93.80494	93.80494	100	0.00%	0.00%	165	141	165	164.87488	Achieved		100
7920	8085	96.87847	93.8221	93.8221	100	0.00%	0.00%	165	141	165	164.89491	Achieved		100
7930	8095	96.44582	93.8852	93.8852	100	0.00%	0.00%	165	141	165	164.91431	Achieved		100
7940	8105	96.04721	93.93718	93.93718	100	0.00%	0.00%	165	141	165	164.93035	Achieved		100
7950	8115	95.70794	93.97849	93.97849	100	0.00%	0.00%	165	141	165	164.94335	Achieved		100
7960	8125	95.44957	94.06206	94.06206	100	0.00%	0.00%	165	141	165	164.95383	Achieved		100
7970	8135	95.24241	94.1467	94.1467	100	0.00%	0.00%	165	141	165	164.96679	Achieved		100
7980	8145	95.01365	94.2021	94.2021	100	0.00%	0.00%	165	141	165	164.97255	Achieved		100
7990	8155	94.80392	94.27927	94.27927	100	0.00%	0.00%	165	141	165	164.97641	Achieved		100
8000	8165	94.66597	94.41461	94.41461	100	0.00%	0.00%	165	141	165	164.98579	Achieved		100
8010	8175	94.58213	94.53549	94.53549	100	0.00%	0.00%	165	141	165	164.99857	Achieved		100
8020	8185	94.53485	94.6953	94.6953	100	0.00%	0.00%	165	141	165	164.99111	Achieved		100
8030	8195	94.52176	94.85252	94.85252	100	0.00%	0.00%	165	141	165	165.02043	Achieved		100
8040	8205	94.57803	95.05303	95.05303	100	0.00%	0.00%	165	141	165	165.03123	Achieved		100
8050	8215	94.61713	95.27635	95.27635	100	0.00%	0.00%	165	141	165	165.03716	Achieved		100
8060	8225	94.628	95.50179	95.50179	100	0.00%	0.00%	165	141	165	165.0451	Achieved		100
8070	8235	94.67714	95.72019	95.72019	100	0.00%	0.00%	165	141	165	165.06215	Achieved		100
8080	8245	94.71062	95.92726	95.92726	100	0.00%	0.00%	165	141	165	165.0727	Achieved		100
8090	8255	94.7477	96.13748	96.13748	100	0.00%	0.00%	165	141	165	165.07695	Achieved		100
8100	8265	94.81855	96.41782	96.41782	100	0.00%	0.00%	165	141	165	165.07562	Achieved		100
8110	8275	94.8506	96.66788	96.66788	100	0.00%	0.00%	165	141	165	165.07218	Achieved		100
8120	8285	94.91888	96.90957	96.90957	100	0.00%	0.00%	165	141	165	165.06699	Achieved		100
8130	8295	95.00599	97.15136	97.15136	100	0.00%	0.00%	165	141	165	165.05672	Achieved		100
8140	8305	95.07893	97.3935	97.3935	100	0.00%	0.00%	165	141	165	165.04061	Achieved		100
8150	8315	95.13106	97.62964	97.62964	100	0.00%	0.00%	165	141	165	165.00625	Achieved		100
8160	8325	95.23851	97.85845	97.85845	100	0.00%	0.00%	165	141	165	164.94281	Achieved		100
8170	8335	95.38559	98.10084	98.10084	100	0.00%	0.00%	165	141	165	164.87759	Achieved		100
8180	8345	95.52544	98.34605	98.34605	100	0.00%	0.00%	165	141	165	164.83732	Achieved		100
8190	8355	95.6697	98.59453	98.59453	100	0.00%	0.00%	165	141	165	164.81806	Achieved		100
8200	8365	95.84704	98.87676	98.87676	100	0.00%	0.00%	165	141	165	164.81258	Achieved		100
8210	8375	96.06458	99.16666	99.16666	100	0.00%	0.00%	165	141	165	164.82146	Achieved		100
8220	8385	96.28887	99.479	99.479	100	0.00%	0.00%	165	141	165	164.83805	Achieved		100
8230	8395	96.51139	99.77958	99.77958	100	0.00%	0.00%	165	141	165	164.85763	Achieved		100
8240	8405	96.72732	100.0598	100.0598	100	0.00%	0.00%	165	141	165	164.87598	Achieved		100
8250	8415	96.93383	100.36697	100.36697	100	0.00%	0.00%	165	141	165	164.90211	Achieved		100
8260	8425	97.18895	100.70144	100.70144	100	0.00%	0.00%	165	141	165	164.94438	Achieved		100
8270	8435	97.44374	101.08021	101.08021	100	0.00%	0.00%	165	141	165	164.99314	Achieved		100
8280	8445	97.6898	101.43079	101.43079	100	0.00%	0.00%	165	141	165	165.0298	Achieved		100
8290	8455	97.93051	101.76194	101.76194	100	0.00%	0.00%	165	141	165	165.05474	Achieved		100
8300	8465	98.17163	102.13028	102.13028	100	0.00%	0.00%	165	141	165	165.07246	Achieved		100
8310	8475	98.41433	102.49081	102.49081	100	0.00%	0.00%	165	141	165	165.0711	Achieved		100
8320	8485	98.64426	102.8623	102.8623	100	0.00%	0.00%	165	141	165	165.0647	Achieved		100
8330	8495	98.87611	103.22379	103.22379	100	0.00%	0.00%	165	141	165	165.0489	Achieved		100
8340	8505	99.12718	103.61605	103.61605	100	0.00%	0.00%	165	141	165	165.04436	Achieved		100
8350	8515	99.36839	103.98027	103.98027	100	0.00%	0.00%	165	141	165	165.02983	Achieved		100
8360	8525	99.63163	104.36955	104.36955	100	0.00%	0.00%	165	141	165	165.00419	Achieved		100
8370	8535	99.92029	104.75748	104.75748	100	0.00%	0.00%	165	141	165	164.9705	Achieved		100
8380	8545	100.21923	105.14914	105.14914	100	0.00%	0.00%	165	141	165	164.93227	Achieved		100
8390	8555	100.53373	105.5481	105.5481	100	0.00%	0.00%	165	141	165	164.8903	Achieved		100
8400	8565	100.81969	105.92002	105.92002	100	0.00%	0.00%	165	141	165	164.85069	Achieved		100
8410	8575	101.10631	106.28956	106.28956	100	0.00%	0.00%	165	141	165	164.81766	Achieved		100
8420	8585	101.43149	106.61742	106.61742	100	0.00%	0.00%	165	141	165	164.78633	Achieved		100
8430	8595	101.78712	106.93537	106.93537	100	0.00%	0.00%	165	141	165	164.75241	Achieved		100
8440	8605	102.16093	107.24061	107.24061	100	0.00%	0.00%	165	141	165	164.71904	Achieved		100
8450	8615	102.49255	107.53333	107.53333	100	0.00%	0.00%	165	141	165	164.68916	Achieved		100
8460	8625	102.84788	107.82096	107.82096	100	0.00%	0.00%	165	141	165	164.65411	Achieved		100
8470	8635	103.20518	108.12966	108.12966	100	0.00%	0.00%	165	141	165	164.61765	Achieved		100
8480	8645	103.58027	108.45337	108.45337	100	0.00%	0.00%	165	141	165	164.59707	Achieved		100
8490	8655	103.94343	108.81201	108.81201	100	0.00%	0.00%	165	141	165	164.59927	Achieved		100
8500	8665	104.31665	109.19673	109.19673	100	0.00%	0.00%	165	141	165	164.61332	Achieved		100
8510	8675	104.70225	109.62451	109.62451	100	0.00%	0.00%	165	141	165	164.6347	Achieved		100
8520	8685	105.0725	110.09773	110.09773	100	0.00%	0.00%	165	141	165	164.66322	Achieved		100
8530	8695	105.46433	110.60265	110.60265	100	0.00%	0.00%	165	141	165	164.69752	Achieved		100
8540	8705	105.85092	111.12563	111.12563	100	0.00%	0.00%	165	141	165	164.73381	Achieved		100
8550	8715	106.25003	111.66301	111.66301	100	0.00%	0.00%	165	141	165	164.77013	Achieved		100
8560	8725	106.63322	112.20612	112.20612	100	0.00%	0.00%	165	141	165	164.80733	Achieved		100
8570	8735	107.01184	112.74038	112.74038	100	0.00%	0.00%	165	141	165	164.84308	Achieved		100
8580	8745	107.35625	113.27789	113.27789	100	0.00%	0.00%	165	141	165	165.05483	Achieved		100
8590	8755	107.67834	113.78434	113.78434	100	0.00%	0.00%	165	141	165	165.07195	Achieved		100
8600	8765	107.98925	114.27535	114.27535	100	0.00%	0.00%	165	141	165	165.09524	Achieved		100
8610	8775	108.28811	114.7393	114.7393	100	0.00%	0.00%	165	141	165	165.12713	Achieved		100
8620	8785	108.57704	115.19123	115.19123	100	0.00%	0.00%	165	141	165	165.15246	Achieved		100
8630	8795	108.86967	115.64776	115.64776	100	0.00%	0.00%	165	141	165	165.16742	Achieved		100
8640	8805	109.19242	116.09014	116.09014	100	0.00%	0.00%	165	141	165	165.17479	Achieved		100
8650	8815	109.52854	116.48896	116.48896	100	0.00%	0.00%	165	141	165	165.17742	Achieved		100
8660	8825	109.90047	116.84818	116.84818	100	0.00%	0.00%	165	141	165	165.17921	Achieved		100
8670	8835	110.30476	117.21854	117.21854	100	0.00%	0.00%	165	141	165	165.18031	Achieved		100
8680	8845	110.75696	117.58424	117.58424	100	0.00%	0.00%	165	141	165	165.18222	Achieved		100
8690	8855	111.24481	115.97987	117.91381	100	0.00%	0.00%	165	141	117.10033	117.28398	Not Achieved	VA	80
8700	8865	111.76162	113.74693	118.22563	100	0.00%	0.00%	165	141	101.65966	101.84639	Not Achieved	VA	80
8710	8875	112.29407	116.02425	118.56057	100	0.00%	0.00%	165	141	98.14719	98.33302	Not Achieved	VA	70
8720	8885	112.83417	118.91334	118.91334	100	0.00%	0.00%	165	141	165	165.19388	Achieved		100
8730	8895	113.3747	119.29148	119.29148	100	0.00%	0.00%	165	141	165	165.19706	Achieved		100
8740	8905	113.90304	119.70239	119.70239	100	0.00%	0.00%	165	141	165	165.20172	Achieved		100
8750	8915	114.43575	120.12042	120.12042	100	0.00%	0.00%	165	141	165	165.02138	Achieved		100
8760	8925	114.93619	120.5635	120.5635	100	0.00%	0.00%	165	141	165	165.03162	Achieved		100
8770	8935	115.40159	121.03567	121.03567	100	0.00%	0.00%	165	141	165	165.04192	Achieved		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)
8780	8945	115.874	121.54463	121.54463	100	0.00%	0.00%	165	141	165	165.06597	Achieved		100
8790	8955	116.3122	122.05039	122.05039	100	0.00%	0.00%	165	141	165	165.09171	Achieved		100
8800	8965	116.77498	122.52938	122.52938	100	0.00%	0.00%	165	141	165	165.09749	Achieved		100
8810	8975	117.1964	122.9881	122.9881	100	0.00%	0.00%	165	141	165	165.08974	Achieved		100
8820	8985	117.57154	123.45621	123.45621	100	0.00%	0.00%	165	141	165	165.07604	Achieved		100
8830	8995	117.92988	123.91335	123.91335	100	0.00%	0.00%	165	141	165	165.04773	Achieved		100
8840	9005	118.30634	124.35119	124.35119	100	0.00%	0.00%	165	141	165	164.99864	Achieved		100
8850	9015	118.6507	124.83033	124.83033	100	0.00%	0.00%	165	141	165	164.93389	Achieved		100
8860	9025	118.96999	125.2828	125.2828	100	0.00%	0.00%	165	141	165	164.8576	Achieved		100
8870	9035	119.2901	125.70084	125.70084	100	0.00%	0.00%	165	141	165	164.76886	Achieved		100
8880	9045	119.63502	126.09742	126.09742	100	0.00%	0.00%	165	141	165	164.66998	Achieved		100
8890	9055	119.99763	126.49546	126.49546	100	0.00%	0.00%	165	141	165	164.56992	Achieved		100
8900	9065	120.3973	126.87073	126.87073	100	0.00%	0.00%	165	141	165	164.47714	Achieved		100
8910	9075	120.80714	127.18209	127.18209	100	0.00%	0.00%	165	141	165	164.39621	Achieved		100
8920	9085	121.24057	127.48375	127.48375	100	0.00%	0.00%	165	141	165	164.33899	Achieved		100
8930	9095	121.69444	127.77275	127.77275	100	0.00%	0.00%	165	141	165	164.33437	Achieved		100
8940	9105	122.19022	128.02292	128.02292	100	0.00%	0.00%	165	141	165	164.37783	Achieved		100
8950	9115	122.69808	128.27896	128.27896	100	0.00%	0.00%	165	141	165	164.42343	Achieved		100
8960	9125	123.19338	128.54314	128.54314	100	0.00%	0.00%	165	141	165	164.46458	Achieved		100
8970	9135	123.66315	128.7726	128.7726	100	0.00%	0.00%	165	141	165	164.53454	Achieved		100
8980	9145	124.11722	128.96498	128.96498	100	0.00%	0.00%	165	141	165	164.63469	Achieved		100
8990	9155	124.58815	128.26363	129.14203	100	0.00%	0.00%	165	141	133.36782	132.96095	Not Achieved	VA	90
9000	9165	125.03121	128.1383	129.31576	100	0.00%	0.00%	165	141	119.8392	119.53116	Not Achieved	VA	90
9010	9175	125.48723	128.13074	129.47527	100	0.00%	0.00%	165	141	109.50483	109.31346	Not Achieved	VA	80
9020	9185	125.9645	128.25535	129.63279	100	0.00%	0.00%	165	141	103.11346	103.0319	Not Achieved	VA	80
9030	9195	126.39259	128.42096	129.80645	100	0.00%	0.00%	165	141	98.05057	98.05407	Not Achieved	VA	70
9040	9205	126.80303	128.67103	129.97469	100	0.00%	0.00%	165	141	97.14853	97.2078	Not Achieved	VA	70
9050	9215	127.19479	130.11601	130.11601	100	0.00%	0.00%	165	141	165	165.03763	Achieved		100
9060	9225	127.58989	130.23823	130.23823	100	0.00%	0.00%	165	141	165	164.99578	Achieved		100
9070	9235	127.93162	130.35016	130.35016	100	0.00%	0.00%	165	141	165	164.92284	Achieved		100
9080	9245	128.23238	130.45969	130.45969	100	0.00%	0.00%	165	141	165	164.83311	Achieved		100
9090	9255	128.53203	130.62203	130.62203	100	0.00%	0.00%	165	141	165	164.73474	Achieved		100
9100	9265	128.80198	130.83499	130.83499	100	0.00%	0.00%	165	141	165	164.61621	Achieved		100
9110	9275	129.04639	131.09475	131.09475	100	0.00%	0.00%	165	141	165	164.47556	Achieved		100
9120	9285	129.31399	131.36602	131.36602	100	0.00%	0.00%	165	141	165	164.32888	Achieved		100
9130	9295	129.56396	131.6169	131.6169	100	0.00%	0.00%	165	141	165	164.18142	Achieved		100
9140	9305	129.77133	131.91315	131.91315	100	0.00%	0.00%	165	141	165	164.02408	Achieved		100
9150	9315	129.95382	132.21246	132.21246	100	0.00%	0.00%	165	141	165	163.85884	Achieved		100
9160	9325	130.13001	132.4619	132.4619	100	0.00%	0.00%	165	141	165	163.69276	Achieved		100
9170	9335	130.29816	132.7065	132.7065	100	0.00%	0.00%	165	141	165	163.53088	Achieved		100
9180	9345	130.4523	132.97746	132.97746	100	0.00%	0.00%	165	141	165	163.38684	Achieved		100
9190	9355	130.61615	133.25966	133.25966	100	0.00%	0.00%	165	141	165	163.26833	Achieved		100
9200	9365	130.79565	133.58362	133.58362	100	0.00%	0.00%	165	141	165	163.22217	Achieved		100
9210	9375	130.94865	133.93943	133.93943	100	0.00%	0.00%	165	141	165	163.2211	Achieved		100
9220	9385	131.07904	134.29954	134.29954	100	0.00%	0.00%	165	141	165	163.25759	Achieved		100
9230	9395	131.19606	134.64112	134.64112	100	0.00%	0.00%	165	141	165	163.32015	Achieved		100
9240	9405	131.30115	134.97236	134.97236	100	0.00%	0.00%	165	141	165	163.40704	Achieved		100
9250	9415	131.43431	135.28941	135.28941	100	0.00%	0.00%	165	141	165	163.51582	Achieved		100
9260	9425	131.62262	135.58547	135.58547	100	0.00%	0.00%	165	141	165	163.64138	Achieved		100
9270	9435	131.85943	135.89965	135.89965	100	0.00%	0.00%	165	141	165	163.78124	Achieved		100
9280	9445	132.13521	136.23827	136.23827	100	0.00%	0.00%	165	141	165	163.92917	Achieved		100
9290	9455	132.38796	136.57581	136.57581	100	0.00%	0.00%	165	141	165	164.07705	Achieved		100
9300	9465	132.66182	136.90672	136.90672	100	0.00%	0.00%	165	141	165	164.21953	Achieved		100
9310	9475	132.96456	137.22717	137.22717	100	0.00%	0.00%	165	141	165	164.35504	Achieved		100
9320	9485	133.24501	137.52455	137.52455	100	0.00%	0.00%	165	141	165	164.4841	Achieved		100
9330	9495	133.48069	137.81001	137.81001	100	0.00%	0.00%	165	141	165	164.60003	Achieved		100
9340	9505	133.73623	138.09208	138.09208	100	0.00%	0.00%	165	141	165	164.68872	Achieved		100
9350	9515	134.02009	138.37703	138.37703	100	0.00%	0.00%	165	141	165	164.76988	Achieved		100
9360	9525	134.3151	138.66473	138.66473	100	0.00%	0.00%	165	141	165	164.79576	Achieved		100
9370	9535	134.65801	138.99373	138.99373	100	0.00%	0.00%	165	141	165	164.8483	Achieved		100
9380	9545	135.02287	139.34209	139.34209	100	0.00%	0.00%	165	141	165	164.87463	Achieved		100
9390	9555	135.37176	139.64225	139.64225	100	0.00%	0.00%	165	141	165	164.89706	Achieved		100
9400	9565	135.70804	139.96256	139.96256	100	0.00%	0.00%	165	141	165	164.92526	Achieved		100
9410	9575	136.03202	140.3857	140.3857	100	0.00%	0.00%	165	141	165	164.95293	Achieved		100
9420	9585	136.34029	140.84842	140.84842	100	0.00%	0.00%	165	141	165	164.96577	Achieved		100
9430	9595	136.63793	141.31375	141.31375	100	0.00%	0.00%	165	141	165	164.96568	Achieved		100
9440	9605	136.96763	141.79114	141.79114	100	0.00%	0.00%	165	141	165	164.97805	Achieved		100
9450	9615	137.30785	142.28125	142.28125	100	0.00%	0.00%	165	141	165	164.99203	Achieved		100
9460	9625	137.64318	142.81148	142.81148	100	0.00%	0.00%	165	141	165	164.9984	Achieved		100
9470	9635	137.96821	143.33915	143.33915	100	0.00%	0.00%	165	141	165	164.99705	Achieved		100
9480	9645	138.27805	143.86537	143.86537	100	0.00%	0.00%	165	141	165	164.9956	Achieved		100
9490	9655	138.56778	144.37712	144.37712	100	0.00%	0.00%	165	141	165	164.99653	Achieved		100
9500	9665	138.85256	144.85087	144.85087	100	0.00%	0.00%	165	141	165	164.99942	Achieved		100
9510	9675	139.13126	145.3493	145.3493	100	0.00%	0.00%	165	141	165	165.00341	Achieved		100
9520	9685	139.41947	145.87549	145.87549	100	0.00%	0.00%	165	141	165	165.00166	Achieved		100
9530	9695	139.71977	146.42916	146.42916	100	0.00%	0.00%	165	141	165	164.99617	Achieved		100
9540	9705	140.08015	147.0042	147.0042	100	0.00%	0.00%	165	141	165	165.00203	Achieved		100
9550	9715	140.39202	147.598	147.598	100	0.00%	0.00%	165	141	165	165.0201	Achieved		100
9560	9725	140.69762	148.17499	148.17499	100	0.00%	0.00%	165	141	165	165.02835	Achieved		100
9570	9735	141.05655	148.76614	148.76614	100	0.00%	0.00%	165	141	165	165.02558	Achieved		100
9580	9745	141.51956	149.36476	149.36476	100	0.00%	0.00%	165	141	165	165.0283	Achieved		100
9590	9755	141.97796	149.93433	149.93433	100	0.00%	0.00%	165	141	165	165.04219	Achieved		100
9600	9765	142.45328	150.48471	150.48471	100	0.00%	0.00%	165	141	165	165.05898	Achieved		100
9610	9775	142.93021	151.00156	151.00156	100	0.00%	0.00%	165	141	165	165.06924	Achieved		100
9620	9785	143.44353	151.50615	151.50615	100	0.00%	0.00%	165	141	165	165.06822	Achieved		100
9630	9795	143.9775	151.9889	151.9889	100	0.00%	0.00%	165	141	165	165.06696	Achieved		100
9640	9805	144.4989	152.43433	152.43433	100	0.00%	0.00%	165	141	165	165.06927	Achieved		100
9650	9815	145.02698	152.87379	152.87379	100	0.00%	0.00%	165	141	165	165.0688	Achieved		100
9660	9825	145.51523	153.3107	153.3107	100	0.00%	0.00%	165	141	165	165.06275	Achieved		100
9670	9835	145.99517	153.73617	153.73617	100	0.00%	0.00%	165	141	165	165.05108	Achieved		100
9680	9845	146.50964	154.15829	154.15829	100	0.00%	0.00%	165	141	165	165.03496	Achieved		100
9690	9855	147.04878	154.58999	154.58999	100	0.00%	0.00%	165	141	165	165.0217	Achieved		100
9700	9865	147.60902	154.99443	154.99443	100	0.00%	0.00%	165	141	165	165.01113	Achieved		100
9710	9875	148.2064	155.37697	155.37697	100	0.00%	0.00%	165	141	165	165.00231	Achieved		100
9720	9885	148.78639	155.78522	155.78522	100	0.00%	0.00%	165	141	165	165.0003	Achieved		100
9730	9895	149.36773	156.24509	156.24509	100	0.00%	0.00%	165	141	165	165.00677	Achieved		100
9740	9905	149.96403	156.73961	156.73961	100	0.00%	0.00%	165	141	165	165.01816	Achieved		100
9750	9915	150.55533	157.25791	157.25791	100	0.00%	0.00%	165	141	165	165.02971	Achieved		100
9760	9925	151.1119	157.81993	157.81993	100	0.00%	0.00%	165	141	165	165.03436	Achieved		100
9770	9935	151.64517	158.38133	158.38133	100	0.00%	0.00%	165	141	165	165.0331	Achieved		100
9780	9945	152.15383	158.95946	158.95946	100	0.00%	0.00%	165	141	165	165.0383	Achieved		100
9790	9955	152.65181	159.54321	159.54321	100	0.00%	0.00%	165	141	165	165.05333	Achieved		100
9800	9965	153.11635	160.16581	160.16581	100	0.00%	0.00%	165	141	165	165.07256	Achieved		100
9810	9975	153.55029	160.84194	160.84194	100	0.00%	0.00%	165	141	165	165.08193	Achieved		100
9820	9985	153.99563	161.53747	161.53747	100	0.00%	0.00%	165	141	165	165.08641	Achieved		100
9830	9995	154.42403	162.26069	162.26069	100	0.00%	0.00%	165	141	165	165.08562	Achieved		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)
9840	10005	154.84653	163.06278	163.06278	100	0.00%	0.00%	165	141	165	165.07838	Achieved		100
9850	10015	155.27345	163.97334	163.97334	100	0.00%	0.00%	165	141	165	165.07185	Achieved		100
9860	10025	155.6966	164.90887	164.90887	100	0.00%	0.00%	165	141	165	165.06926	Achieved		100
9870	10035	156.08594	165.84384	165.84384	100	0.00%	0.00%	165	141	165	165.06695	Achieved		100
9880	10045	156.47728	166.90708	166.90708	100	0.00%	0.00%	165	141	165	165.05855	Achieved		100
9890	10055	156.90545	167.93385	167.93385	100	0.00%	0.00%	165	141	165	165.04895	Achieved		100
9900	10065	157.39292	168.93744	168.93744	100	0.00%	0.00%	165	141	165	165.04254	Achieved		100
9910	10075	157.89375	170.00428	170.00428	100	0.00%	0.00%	165	141	165	165.03706	Achieved		100
9920	10085	158.4352	171.09658	171.09658	100	0.00%	0.00%	165	141	165	165.03246	Achieved		100
9930	10095	159.00252	172.15095	172.15095	100	0.00%	0.00%	165	141	165	165.03175	Achieved		100
9940	10105	159.56679	173.22611	173.22611	100	0.00%	0.00%	165	141	165	165.03449	Achieved		100
9950	10115	160.15164	174.33422	174.33422	100	0.00%	0.00%	165	141	165	165.04006	Achieved		100
9960	10125	160.74554	175.37958	175.37958	100	0.00%	0.00%	165	141	165	165.05072	Achieved		100
9970	10135	161.39964	176.41936	176.41936	100	0.00%	0.00%	165	141	165	165.06339	Achieved		100
9980	10145	162.0881	177.46065	177.46065	100	0.00%	0.00%	165	141	165	165.07127	Achieved		100
9990	10155	162.79507	178.48627	178.48627	100	0.00%	0.00%	165	141	165	165.07839	Achieved		100
10000	10165	163.5444	179.508	179.508	100	0.00%	0.00%	165	141	165	165.09094	Achieved		100
10010	10175	164.41252	180.52474	180.52474	100	0.00%	0.00%	165	141	165	165.11401	Achieved		100
10020	10185	165.34286	181.54293	181.54293	100	0.00%	0.00%	165	141	165	165.08526	Achieved		100
10030	10195	166.26831	182.56637	182.56637	100	0.00%	0.00%	165	141	165	165.04193	Achieved		100
10040	10205	167.26585	183.57988	183.57988	100	0.00%	0.00%	165	141	165	164.9632	Achieved		100
10050	10215	168.32502	184.59897	184.59897	100	0.00%	0.00%	165	141	165	164.86926	Achieved		100
10060	10225	169.32877	185.66091	185.66091	100	0.00%	0.00%	165	141	165	164.76686	Achieved		100
10070	10235	170.36769	186.74417	186.74417	100	0.00%	0.00%	165	141	165	164.67107	Achieved		100
10080	10245	171.45392	187.83315	187.83315	100	0.00%	0.00%	165	141	165	164.59862	Achieved		100
10090	10255	172.53072	188.8874	188.8874	100	0.00%	0.00%	165	141	165	164.55604	Achieved		100
10100	10265	173.58311	189.90708	189.90708	100	0.00%	0.00%	165	141	165	164.54298	Achieved		100
10110	10275	174.67952	190.89217	190.89217	100	0.00%	0.00%	165	141	165	164.55518	Achieved		100
10120	10285	175.76646	191.86677	191.86677	100	0.00%	0.00%	165	141	165	164.58844	Achieved		100
10130	10295	176.79701	192.84108	192.84108	100	0.00%	0.00%	165	141	165	164.64573	Achieved		100
10140	10305	177.841	193.80517	193.80517	100	0.00%	0.00%	165	141	165	164.72696	Achieved		100
10150	10315	178.87741	194.75977	194.75977	100	0.00%	0.00%	165	141	165	164.82808	Achieved		100
10160	10325	179.89273	195.70032	195.70032	100	0.00%	0.00%	165	141	165	164.93196	Achieved		100
10170	10335	180.92004	196.62925	196.62925	100	0.00%	0.00%	165	141	165	165.01398	Achieved		100
10180	10345	181.93074	197.51776	197.51776	100	0.00%	0.00%	165	141	165	165.07561	Achieved		100
10190	10355	182.9557	198.3991	198.3991	100	0.00%	0.00%	165	141	165	165.08681	Achieved		100
10200	10365	183.97551	199.28076	199.28076	100	0.00%	0.00%	165	141	165	165.08348	Achieved		100
10210	10375	184.98791	200.14751	200.14751	100	0.00%	0.00%	165	141	165	165.07271	Achieved		100
10220	10385	186.02347	201.02482	201.02482	100	0.00%	0.00%	165	141	165	165.06308	Achieved		100
10230	10395	187.1003	201.8618	201.8618	100	0.00%	0.00%	165	141	165	165.05445	Achieved		100
10240	10405	188.19066	202.64062	202.64062	100	0.00%	0.00%	165	141	165	165.0398	Achieved		100
10250	10415	189.26892	200.42675	203.37193	100	0.00%	0.00%	165	141	130.50081	130.55379	Not Achieved	VA	90
10260	10425	190.29868	199.05923	204.06916	100	0.00%	0.00%	165	141	104.90171	104.95203	Not Achieved	VA	80
10270	10435	191.3074	199.39229	204.79871	100	0.00%	0.00%	165	141	98.79158	98.82365	Not Achieved	VA	80
10280	10445	192.27816	200.10422	205.54984	100	0.00%	0.00%	165	141	97.17809	97.19254	Not Achieved	VA	70
10290	10455	193.25298	200.11497	206.19171	100	0.00%	0.00%	165	141	87.32834	87.3437	Not Achieved	VA	70
10300	10465	194.2245	200.23963	206.75006	100	0.00%	0.00%	165	141	79.01092	79.03525	Not Achieved	VA	60
10310	10475	195.18362	201.54149	207.30772	100	0.00%	0.00%	165	141	86.20777	86.2164	Not Achieved	VA	70
10320	10485	196.13156	207.84759	207.84759	100	0.00%	0.00%	165	141	165	164.2182	Achieved		100
10330	10495	197.06958	203.3811	208.3547	100	0.00%	0.00%	165	141	91.8408	91.72705	Not Achieved	HA/VA	70
10340	10505	197.97816	202.9199	208.8561	100	0.00%	0.00%	165	141	74.35323	74.41207	Not Achieved	HA/VA	60
10350	10515	198.85191	202.86472	209.35477	100	0.00%	0.00%	165	141	62.37275	62.49923	Not Achieved	HA/VA	50
10360	10525.027	199.74059	203.05853	209.8096	100	0.00%	0.00%	165	141	53.61843	53.82701	Not Achieved	HA/VA	50
10370	10535	200.62947	203.39664	210.22079	100	0.00%	0.00%	165	141	46.81033	47.05393	Not Achieved	HA/VA	40
10380	10545	201.48789	203.80389	210.62099	100	0.00%	0.00%	165	141	41.03156	41.30754	Not Achieved	HA/VA	40
10390	10555	202.34661	204.30291	211.01452	100	0.00%	0.00%	165	141	36.42482	36.73241	Not Achieved	HA/VA	40
10400	10565	203.16044	204.84969	211.32736	100	0.00%	0.00%	165	141	33.31634	33.65138	Not Achieved	HA/VA	FALSE
10410	10575	203.89915	205.37609	211.58825	100	0.00%	0.00%	165	141	31.0122	31.25558	Not Achieved	HA/VA	FALSE
10420	10585	204.62404	206.01749	211.82403	100	0.00%	0.00%	165	141	31.36391	31.51455	Not Achieved	HA/VA	FALSE
10430	10595	205.31565	206.66715	212.04611	100	0.00%	0.00%	165	141	32.64906	32.73588	Not Achieved	HA/VA	FALSE
10440	10605	206.06831	207.42314	212.25167	100	0.00%	0.00%	165	141	35.8442	35.77172	Not Achieved	HA/VA	40
10450	10615	206.77965	208.13526	212.41317	100	0.00%	0.00%	165	141	39.42685	39.34693	Not Achieved	HA/VA	40
10460	10625	207.37965	208.57683	212.52171	100	0.00%	0.00%	165	141	38.2495	38.12458	Not Achieved	HA/VA	40
10470	10635	207.92874	209.72006	212.59386	100	0.00%	0.00%	165	141	63.69029	62.9697	Not Achieved	HA/VA	50
10480	10645	208.47655	210.88647	212.65639	100	0.00%	0.00%	165	141	95.57729	94.6685	Not Achieved	HA/VA	70
10490	10655	209.00733	210.74176	212.70492	100	0.00%	0.00%	165	141	77.78043	77.10321	Not Achieved	HA/VA	60
10500	10665	209.49852	210.63258	212.69816	100	0.00%	0.00%	165	141	58.76799	58.3151	Not Achieved	HA/VA	50
10510	10675	210.00983	210.79304	212.62987	100	0.00%	0.00%	165	141	49.53554	49.22262	Not Achieved	HA/VA	50
10520	10685	210.49336	211.06675	212.56203	100	0.00%	0.00%	165	141	45.90338	45.67036	Not Achieved	HA/VA	40
10530	10695	210.91256	211.34743	212.50187	100	0.00%	0.00%	165	141	45.24311	45.11567	Not Achieved	HA/VA	40
10540	10705	211.32568	211.64139	212.44237	100	0.00%	0.00%	165	141	46.70131	46.63023	Not Achieved	HA/VA	40
10550	10715	211.72658	211.90357	212.33735	100	0.00%	0.00%	165	141	47.83862	47.80279	Not Achieved	HA/VA	40
10560	10725	212.07845	212.1142	212.19958	100	0.00%	0.00%	165	141	48.70182	48.68586	Not Achieved	HA/VA	50
10570	10735	212.36369	212.2747	212.0707	100	0.00%	0.00%	165	141	50.11538	50.11273	Not Achieved	HA/VA	50
10580	10745	212.60283	212.37498	211.88262	100	0.00%	0.00%	165	141	52.19955	52.2026	Not Achieved	HA/VA	50
10590	10755	212.8382	212.46971	211.77242	100	0.00%	0.00%	165	141	57.04934	57.051	Not Achieved	HA/VA	50
10600	10765	213.05375	212.4985	211.64929	100	0.00%	0.00%	165	141	65.22829	65.23332	Not Achieved	HA/VA	60
10610	10775	213.2351	212.25511	211.49566	100	0.00%	0.00%	165	141	92.95188	92.95868	Not Achieved	HA/VA	70
10620	10785	213.3728	211.35334	211.35334	100	0.00%	0.00%	165	141	165	164.9977	Achieved		100
10630	10795	213.45628	211.23724	211.23724	100	0.00%	0.00%	165	141	165	164.99296	Achieved		100
10640	10805	213.52697	211.08981	211.08981	100	0.00%	0.00%	165	141	165	164.98241	Achieved		100
10650	10815	213.58459	210.91284	210.91284	100	0.00%	0.00%	165	141	165	164.96217	Achieved		100
10660	10825	213.61182	210.73001	210.73001	100	0.00%	0.00%	165	141	165	164.92596	Achieved		100
10670	10835	213.57039	210.56692	210.56692	100	0.00%	0.00%	165	141	165	164.90062	Achieved		100
10680	10845	213.49282	210.38383	210.38383	100	0.00%	0.00%	165	141	165	164.89375	Achieved		100
10690	10855	213.43058	210.20906	210.20906	100	0.00%	0.00%	165	141	165	164.89082	Achieved		100
10700	10865	213.37715	210.02564	210.02564	100	0.00%	0.00%	165	141	165	164.88214	Achieved		100
10710	10875	213.30578	209.84082	209.84082	100	0.00%	0.00%	165	141	165	164.87523	Achieved		100
10720	10885	213.16707	209.66278	209.66278	100	0.00%	0.00%	165	141	165	164.87234	Achieved		100
10730	10895	213.04504	209.47951	209.47951	100	0.00%	0.00%	165	141	165	164.87031	Achieved		100
10740	10905	212.87627	209.30223	209.30223	100	0.00%	0.00%	165	141	165	164.86525	Achieved		100
10750	10915	212.72499	209.11903	209.11903	100	0.00%	0.00%	165	141	165	164.86069	Achieved		100
10760	10925	212.61701	208.94713	208.94713	100	0.00%	0.00%	165	141	165	164.86573	Achieved		100
10770	10935	212.47911	208.74249	208.74249	100	0.00%	0.00%	165	141	165	164.87715	Achieved		100
10780	10945	212.32212	208.49318	208.49318	100	0.00%	0.00%	165	141	165	164.88722	Achieved		100
10790	10955	212.19173	208.16766	208.16766	100	0.00%	0.00%	165	141	165	164.89622	Achieved		100
10800	10965	212.06493	207.77237	207.77237	100	0.00%	0.00%	165	141	165	164.97566	Achieved		100
10810	10975	211.90438	208.74129	207.36057	100	0.00%	0.00%	165	141	114.92928	114.8603	Not Achieved	VA	80
10820	10985	211.72047	208.83105	206.94761	100	0.00%	0.00%	165	141	99.94162	99.90741	Not Achieved	VA	80
10830	10995	211.5485	208.82567	206.57264	100	0.00%	0.00%	165	141	90.32941	90.32039	Not Achieved	VA	70
10840	11005	211.37654	208.70552	206.30453	100	0.00%	0.00%	165	141	86.93198	86.92326	Not Achieved	VA	70
10850	11015	211.19406	206.19203	206.19203	100	0.00%	0.00%	165	141	165	165.0531	Achieved		100
10860	11025	211.01775	206.24788	206.24788	100	0.00%	0.00%	165	141	165	165.05932	Achieved		100
10870	11035	210.83421	206.53473	206.53473	100	0.00%	0.00%	165	141	165	165.06798	Achieved		100
10880	11045	210.65321	206.99529	206.99529	100	0.00%	0.00%	165	141	165	165.06906	Achieved		100
10890	11055	210.47267	207.60153	207.60153	100	0.00%	0.00%	165	141	165	165.06541	Achieved		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)
10900	11065	210.28761	208.31577	208.31577	100	0.00%	0.00%	165	141	165	165.05865	Achieved		100
10910	11075	210.10804	209.09625	209.09625	100	0.00%	0.00%	165	141	165	165.05613	Achieved		100
10920	11085	209.93622	209.90763	209.90763	100	0.00%	0.00%	165	141	165	165.06263	Achieved		100
10930	11095	209.74747	210.72278	210.72278	100	0.00%	0.00%	165	141	165	165.0736	Achieved		100
10940	11105	209.52569	211.53421	211.53421	100	0.00%	0.00%	165	141	165	165.08865	Achieved		100
10950	11115	209.24143	212.31252	212.31252	100	0.00%	0.00%	165	141	165	165.09537	Achieved		100
10960	11125	208.87535	213.03627	213.03627	100	0.00%	0.00%	165	141	165	165.03689	Achieved		100
10970	11135	208.46616	213.72208	213.72208	100	0.00%	0.00%	165	141	165	165.05743	Achieved		100
10980	11145	208.05271	214.36466	214.36466	100	0.00%	0.00%	165	141	165	165.0872	Achieved		100
10990	11155	207.65261	214.93068	214.93068	100	0.00%	0.00%	165	141	165	165.11009	Achieved		100
11000	11165	207.32031	215.41175	215.41175	100	0.00%	0.00%	165	141	165	165.11624	Achieved		100
11010	11175	207.12281	215.82451	215.82451	100	0.00%	0.00%	165	141	165	165.09829	Achieved		100
11020	11185	207.09108	216.19095	216.19095	100	0.00%	0.00%	165	141	165	165.05071	Achieved		100
11030	11195	207.25827	212.34424	216.48265	100	0.00%	0.00%	165	141	90.90802	90.94905	Not Achieved	VA	70
11040	11205	207.64766	211.32155	216.67424	100	0.00%	0.00%	165	141	66.98742	67.08531	Not Achieved	VA	60
11050	11215	208.17876	210.81198	216.80766	100	0.00%	0.00%	165	141	50.11827	50.26065	Not Achieved	VA	50
11060	11225	208.84784	210.81464	216.89028	100	0.00%	0.00%	165	141	40.07511	40.25198	Not Achieved	VA	40
11070	11235	209.60149	211.13802	216.93257	100	0.00%	0.00%	165	141	34.26228	34.48184	Not Achieved	VA	FALSE
11080	11245	210.39479	211.65092	216.95725	100	0.00%	0.00%	165	141	31.23318	31.48097	Not Achieved	VA	FALSE
11090	11255	211.21353	212.28754	217.02613	100	0.00%	0.00%	165	141	30.08075	30.3799	Not Achieved	VA	FALSE
11100	11265	212.03244	213.08558	217.16242	100	0.00%	0.00%	165	141	33.35216	33.7453	Not Achieved	VA	FALSE
11110	11275	212.8294	214.08343	217.36191	100	0.00%	0.00%	165	141	45.20673	45.47552	Not Achieved	VA	40
11120	11285	213.57841	215.00903	217.63188	100	0.00%	0.00%	165	141	57.99317	58.02009	Not Achieved	VA	50
11130	11295	214.28434	218.00044	218.00044	100	0.00%	0.00%	165	141	165	164.45639	Achieved		100
11140	11305	214.95038	218.44507	218.44507	100	0.00%	0.00%	165	141	165	164.54077	Achieved		100
11150	11315	215.55904	218.93674	218.93674	100	0.00%	0.00%	165	141	165	164.62599	Achieved		100
11160	11325	216.0819	219.47898	219.47898	100	0.00%	0.00%	165	141	165	164.71135	Achieved		100
11170	11335	216.52129	219.96945	219.96945	100	0.00%	0.00%	165	141	165	164.78212	Achieved		100
11180	11345	216.91391	220.40332	220.40332	100	0.00%	0.00%	165	141	165	164.81885	Achieved		100
11190	11355	217.25618	220.7521	220.7521	100	0.00%	0.00%	165	141	165	164.80536	Achieved		100
11200	11365	217.4881	221.01916	221.01916	100	0.00%	0.00%	165	141	165	164.73836	Achieved		100
11210	11375	217.64583	221.21283	221.21283	100	0.00%	0.00%	165	141	165	164.63059	Achieved		100
11220	11385	217.75639	221.42589	221.42589	100	0.00%	0.00%	165	141	165	164.48186	Achieved		100
11230	11395	217.81619	221.62876	221.62876	100	0.00%	0.00%	165	141	165	164.29735	Achieved		100
11240	11405	217.84183	221.79793	221.79793	100	0.00%	0.00%	165	141	165	164.09206	Achieved		100
11250	11415	217.88411	221.97542	221.97542	100	0.00%	0.00%	165	141	165	163.88865	Achieved		100
11260	11425	217.98309	220.28912	222.17159	100	0.00%	0.00%	165	141	90.50832	90.1348	Not Achieved	HA/VA	70
11270	11435	218.15444	220.22146	222.39398	100	0.00%	0.00%	165	141	80.11954	79.75694	Not Achieved	HA/VA	60
11280	11445	218.38859	220.187	222.61379	100	0.00%	0.00%	165	141	69.92338	69.5974	Not Achieved	HA/VA	60
11290	11455	218.70231	220.20234	222.80753	100	0.00%	0.00%	165	141	60.01264	59.74811	Not Achieved	HA/VA	50
11300	11465	219.11121	220.3429	223.00267	100	0.00%	0.00%	165	141	51.95998	51.78214	Not Achieved	HA/VA	50
11310	11475	219.59243	223.18751	223.18751	100	0.00%	0.00%	165	141	165	163.76825	Achieved		100
11320	11485	220.12126	223.35507	223.35507	100	0.00%	0.00%	165	141	165	163.99498	Achieved		100
11330	11495	220.6267	223.53895	223.53895	100	0.00%	0.00%	165	141	165	164.24354	Achieved		100
11340	11505	221.09396	223.75129	223.75129	100	0.00%	0.00%	165	141	165	164.4808	Achieved		100
11350	11515	221.49269	223.98543	223.98543	100	0.00%	0.00%	165	141	165	164.68651	Achieved		100
11360	11525	221.80161	224.24371	224.24371	100	0.00%	0.00%	165	141	165	164.84866	Achieved		100
11370	11535	222.0196	224.48218	224.48218	100	0.00%	0.00%	165	141	165	164.94239	Achieved		100
11380	11545	222.21394	224.69275	224.69275	100	0.00%	0.00%	165	141	165	164.98095	Achieved		100
11390	11555	222.4324	224.89739	224.89739	100	0.00%	0.00%	165	141	165	164.98555	Achieved		100
11400	11565	222.61421	225.04722	225.04722	100	0.00%	0.00%	165	141	165	164.97401	Achieved		100
11410	11575	222.78425	225.18813	225.18813	100	0.00%	0.00%	165	141	165	164.96538	Achieved		100
11420	11585	222.96917	225.32998	225.32998	100	0.00%	0.00%	165	141	165	164.96755	Achieved		100
11430	11595	223.17919	225.44142	225.44142	100	0.00%	0.00%	165	141	165	164.97731	Achieved		100
11440	11605	223.40674	225.53982	225.53982	100	0.00%	0.00%	165	141	165	164.9932	Achieved		100
11450	11615	223.61223	225.62281	225.62281	100	0.00%	0.00%	165	141	165	165.01431	Achieved		100
11460	11625	223.80497	225.67032	225.67032	100	0.00%	0.00%	165	141	165	165.03728	Achieved		100
11470	11635	223.99656	225.69291	225.69291	100	0.00%	0.00%	165	141	165	165.05732	Achieved		100
11480	11645	224.17214	225.17311	225.6885	100	0.00%	0.00%	165	141	108.90573	108.96615	Not Achieved	VA	80
11490	11655	224.34344	225.08117	225.663	100	0.00%	0.00%	165	141	92.22087	92.28955	Not Achieved	VA	70
11500	11665	224.54329	225.09925	225.64259	100	0.00%	0.00%	165	141	83.41306	83.48127	Not Achieved	VA	70
11510	11675	224.76611	225.16295	225.60503	100	0.00%	0.00%	165	141	78.0163	78.07603	Not Achieved	VA	60
11520	11685	225.01322	225.27829	225.5651	100	0.00%	0.00%	165	141	79.22631	79.27015	Not Achieved	VA	60
11530	11695	225.26579	225.40343	225.54103	100	0.00%	0.00%	165	141	82.30136	82.32458	Not Achieved	VA	70
11540	11705	225.49149	225.50066	225.50066	100	0.00%	0.00%	165	141	165	165.01208	Achieved		100
11550	11715	225.69674	225.40556	225.40556	100	0.00%	0.00%	165	141	165	165.01805	Achieved		100
11560	11725	225.87853	225.30125	225.30125	100	0.00%	0.00%	165	141	165	165.04403	Achieved		100
11570	11735	226.01773	225.21721	225.21721	100	0.00%	0.00%	165	141	165	165.08084	Achieved		100
11580	11745	226.15812	225.13867	225.13867	100	0.00%	0.00%	165	141	165	165.11644	Achieved		100
11590	11755	226.28913	225.05951	225.05951	100	0.00%	0.00%	165	141	165	165.14424	Achieved		100
11600	11765	226.38621	224.93152	224.93152	100	0.00%	0.00%	165	141	165	165.08586	Achieved		100
11610	11775	226.48693	224.77997	224.77997	100	0.00%	0.00%	165	141	165	164.99582	Achieved		100
11620	11785	226.55329	224.66052	224.66052	100	0.00%	0.00%	165	141	165	164.82219	Achieved		100
11630	11795	226.59545	224.52972	224.52972	100	0.00%	0.00%	165	141	165	164.60536	Achieved		100
11640	11805	226.59045	224.38644	224.38644	100	0.00%	0.00%	165	141	165	164.37636	Achieved		100
11650	11815	226.57429	224.24589	224.24589	100	0.00%	0.00%	165	141	165	164.15931	Achieved		100
11660	11825	226.55796	224.1179	224.1179	100	0.00%	0.00%	165	141	165	163.98258	Achieved		100
11670	11835	226.52628	223.97939	223.97939	100	0.00%	0.00%	165	141	165	163.86793	Achieved		100
11680	11845	226.48631	223.86063	223.86063	100	0.00%	0.00%	165	141	165	163.82655	Achieved		100
11690	11855	226.44833	223.75145	223.75145	100	0.00%	0.00%	165	141	165	163.86191	Achieved		100
11700	11865	226.42835	223.65109	223.65109	100	0.00%	0.00%	165	141	165	163.97445	Achieved		100
11710	11875	226.35857	223.58267	223.58267	100	0.00%	0.00%	165	141	165	164.15527	Achieved		100
11720	11885	226.25382	223.54591	223.54591	100	0.00%	0.00%	165	141	165	164.36722	Achieved		100
11730	11895	226.15239	223.53073	223.53073	100	0.00%	0.00%	165	141	165	164.56801	Achieved		100
11740	11905	226.07949	223.5142	223.5142	100	0.00%	0.00%	165	141	165	164.72419	Achieved		100
11750	11915	226.00384	223.4927	223.4927	100	0.00%	0.00%	165	141	165	164.78118	Achieved		100
11760	11925	225.90286	223.46152	223.46152	100	0.00%	0.00%	165	141	165	164.74552	Achieved		100
11770	11935	225.75305	223.45063	223.45063	100	0.00%	0.00%	165	141	165	164.67414	Achieved		100
11780	11945	225.61712	223.45209	223.45209	100	0.00%	0.00%	165	141	165	164.52586	Achieved		100
11790	11955	225.49689	223.41578	223.41578	100	0.00%	0.00%	165	141	165	164.39264	Achieved		100
11800	11965	225.35909	223.34498	223.34498	100	0.00%	0.00%	165	141	165	164.29383	Achieved		100
11810	11975	225.21588	223.27329	223.27329	100	0.00%	0.00%	165	141	165	164.23901	Achieved		100
11820	11985	225.07955	223.20745	223.20745	100	0.00%	0.00%	165	141	165	164.22336	Achieved		100
11830	11995	224.94858	223.13879	223.13879	100	0.00%	0.00%	165	141	165	164.24827	Achieved		100
11840	12005	224.81594	223.06392	223.06392	100	0.00%	0.00%	165	141	165	164.30759	Achieved		100
11850	12015	224.70575	222.97086	222.97086	100	0.00%	0.00%	165	141	165	164.39263	Achieved		100
11860	12025	224.60035	222.8919	222.8919	100	0.00%	0.00%	165	141	165	164.49059	Achieved		100
11870	12035	224.51129	222.793	222.793	100	0.00%	0.00%	165	141	165	164.59124	Achieved		100
11880	12045	224.46092	222.65394	222.65394	100	0.00%	0.00%	165	141	165	164.68253	Achieved		100
11890	12055	224.43595	222.50325	222.50325	100	0.00%	0.00%	165	141	165	164.7602	Achieved		100
11900	12065	224.423	222.30245	222.30245	100	0.00%	0.00%	165	141	165	164.83841	Achieved		100
11910	12075	224.40427	222.06367	222.06367	100	0.00%	0.00%	165	141	165	164.88439	Achieved		100
11920	12085	224.38203	222.60734	221.77161	100	0.00%	0.00%	165	141	112.20072	112.11906	Not Achieved	VA	80
11930	12095	224.35092	222.67232	221.45336	100	0.00%	0.00%	165	141	95.6084	95.55119	Not Achieved	VA	70
11940	12105	224.35447	222.6686	221.12697	100	0.00%	0.00%	165	141	86.19922	86.16027	Not Achieved	VA	70
11950	12115	224.33925	222.65572	220.76195	100	0.00%	0.00%	165	141	77.65255	77.62781	Not Achieved	VA	60

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)
11960	12125	224.28364	222.63563	220.38372	100	0.00%	0.00%	165	141	69.71409	69.69755	Not Achieved	VA	60
11970	12135	224.20938	222.59137	219.99261	100	0.00%	0.00%	165	141	63.28933	63.27423	Not Achieved	VA	50
11980	12145.024	224.14076	222.49318	219.60507	100	0.00%	0.00%	165	141	59.89327	59.88158	Not Achieved	VA	50
11990	12155	224.073	222.34566	219.21303	100	0.00%	0.00%	165	141	58.55882	58.55424	Not Achieved	VA	50
12000	12165	224.00266	222.11354	218.83718	100	0.00%	0.00%	165	141	60.19669	60.20604	Not Achieved	VA	50
12010	12175	223.91642	218.46832	218.46832	100	0.00%	0.00%	165	141	165	164.47789	Achieved		100
12020	12185	223.83076	218.1212	218.1212	100	0.00%	0.00%	165	141	165	164.33335	Achieved		100
12030	12195	223.74732	217.77983	217.77983	100	0.00%	0.00%	165	141	165	164.19512	Achieved		100
12040	12205	223.62498	217.46665	217.46665	100	0.00%	0.00%	165	141	165	164.06698	Achieved		100
12050	12215	223.48307	217.13621	217.13621	100	0.00%	0.00%	165	141	165	163.94596	Achieved		100
12060	12225	223.30864	216.79784	216.79784	100	0.00%	0.00%	165	141	165	163.82782	Achieved		100
12070	12235	223.08849	216.51453	216.51453	100	0.00%	0.00%	165	141	165	163.72414	Achieved		100
12080	12245	222.82643	216.30821	216.30821	100	0.00%	0.00%	165	141	165	163.6498	Achieved		100
12090	12255	222.51166	216.11222	216.11222	100	0.00%	0.00%	165	141	165	163.60768	Achieved		100
12100	12265	222.19076	215.92212	215.92212	100	0.00%	0.00%	165	141	165	163.60155	Achieved		100
12110	12275	221.85244	215.76117	215.76117	100	0.00%	0.00%	165	141	165	163.64078	Achieved		100
12120	12285	221.47169	215.63166	215.63166	100	0.00%	0.00%	165	141	165	163.73111	Achieved		100
12130	12295	221.08874	215.53311	215.53311	100	0.00%	0.00%	165	141	165	163.86083	Achieved		100
12140	12305	220.69647	215.5004	215.5004	100	0.00%	0.00%	165	141	165	164.01588	Achieved		100
12150	12315	220.30884	215.4945	215.4945	100	0.00%	0.00%	165	141	165	164.20191	Achieved		100
12160	12325	219.92365	215.52404	215.52404	100	0.00%	0.00%	165	141	165	164.35951	Achieved		100
12170	12335	219.55283	215.57905	215.57905	100	0.00%	0.00%	165	141	165	164.48079	Achieved		100
12180	12345	219.19033	215.64283	215.64283	100	0.00%	0.00%	165	141	165	164.56327	Achieved		100
12190	12355	218.85201	215.70804	215.70804	100	0.00%	0.00%	165	141	165	164.62487	Achieved		100
12200	12365	218.51728	215.74227	215.74227	100	0.00%	0.00%	165	141	165	164.67797	Achieved		100
12210	12375	218.20637	215.72444	215.72444	100	0.00%	0.00%	165	141	165	164.73214	Achieved		100
12220	12385	217.86497	215.67565	215.67565	100	0.00%	0.00%	165	141	165	164.79134	Achieved		100
12230	12395	217.54499	215.63247	215.63247	100	0.00%	0.00%	165	141	165	164.8425	Achieved		100
12240	12405	217.30833	215.60054	215.60054	100	0.00%	0.00%	165	141	165	164.88114	Achieved		100
12250	12415	217.11009	215.57373	215.57373	100	0.00%	0.00%	165	141	165	164.91633	Achieved		100
12260	12425	216.91632	215.55049	215.55049	100	0.00%	0.00%	165	141	165	164.95166	Achieved		100
12270	12435	216.73701	215.54864	215.54864	100	0.00%	0.00%	165	141	165	164.98278	Achieved		100
12280	12445	216.59492	215.50947	215.50947	100	0.00%	0.00%	165	141	165	165.00589	Achieved		100
12290	12455	216.4738	215.4486	215.4486	100	0.00%	0.00%	165	141	165	165.02735	Achieved		100
12300	12465	216.41434	215.37916	215.37916	100	0.00%	0.00%	165	141	165	165.05368	Achieved		100
12310	12475	216.39545	215.3338	215.3338	100	0.00%	0.00%	165	141	165	165.09151	Achieved		100
12320	12485	216.40424	215.31837	215.31837	100	0.00%	0.00%	165	141	165	165.1268	Achieved		100
12330	12495	216.45018	215.33609	215.33609	100	0.00%	0.00%	165	141	165	165.13733	Achieved		100
12340	12505	216.51324	215.32239	215.32239	100	0.00%	0.00%	165	141	165	165.0387	Achieved		100
12350	12515	216.57482	215.25323	215.25323	100	0.00%	0.00%	165	141	165	164.89189	Achieved		100
12360	12525	216.6318	215.15081	215.15081	100	0.00%	0.00%	165	141	165	164.64907	Achieved		100
12370	12535	216.64072	215.06833	215.06833	100	0.00%	0.00%	165	141	165	164.26122	Achieved		100
12380	12545	216.60036	214.96123	214.96123	100	0.00%	0.00%	165	141	165	163.77179	Achieved		100
12390	12555	216.55332	214.86183	214.86183	100	0.00%	0.00%	165	141	165	163.15772	Achieved		100
12400	12565	216.51695	214.77001	214.77001	100	0.00%	0.00%	165	141	165	162.48809	Achieved		100
12410	12575	216.48574	214.68143	214.68143	100	0.00%	0.00%	165	141	165	161.85736	Achieved		100
12420	12585	216.46226	214.57801	214.57801	100	0.00%	0.00%	165	141	165	161.32213	Achieved		100
12430	12595	216.44582	214.5233	214.5233	100	0.00%	0.00%	165	141	165	160.93075	Achieved		100
12440	12605	216.43791	214.55356	214.55356	100	0.00%	0.00%	165	141	165	160.71121	Achieved		100
12450	12615	216.37319	214.61987	214.61987	100	0.00%	0.00%	165	141	165	160.67869	Achieved		100
12460	12625	216.31785	214.71129	214.71129	100	0.00%	0.00%	165	141	165	160.85231	Achieved		100
12470	12635	216.25449	214.82776	214.82776	100	0.00%	0.00%	165	141	165	161.2283	Achieved		100
12480	12645	216.2194	214.93801	214.93801	100	0.00%	0.00%	165	141	165	161.74489	Achieved		100
12490	12655	216.22888	215.02367	215.02367	100	0.00%	0.00%	165	141	165	162.32495	Achieved		100
12500	12665	216.23396	215.0899	215.0899	100	0.00%	0.00%	165	141	165	162.90173	Achieved		100
12510	12675	216.19482	215.10276	215.10276	100	0.00%	0.00%	165	141	165	163.46562	Achieved		100
12520	12685	216.10236	215.06443	215.06443	100	0.00%	0.00%	165	141	165	163.92038	Achieved		100
12530	12695	216.00952	215.01853	215.01853	100	0.00%	0.00%	165	141	165	164.30119	Achieved		100
12540	12705	215.91778	214.90908	214.90908	100	0.00%	0.00%	165	141	165	164.55192	Achieved		100
12550	12715	215.81205	214.76485	214.76485	100	0.00%	0.00%	165	141	165	164.71303	Achieved		100
12560	12725	215.7132	214.60675	214.60675	100	0.00%	0.00%	165	141	165	164.81574	Achieved		100
12570	12735	215.62697	214.72875	214.41621	100	0.00%	0.00%	165	141	122.57036	122.33013	Not Achieved	VA	90
12580	12745	215.53087	214.69957	214.20158	100	0.00%	0.00%	165	141	103.3087	103.15512	Not Achieved	VA	80
12590	12755	215.43782	214.68085	213.97394	100	0.00%	0.00%	165	141	85.36813	85.32042	Not Achieved	VA	70
12600	12765	215.43108	214.69669	213.74279	100	0.00%	0.00%	165	141	71.78102	71.78969	Not Achieved	VA	60
12610	12775	215.48278	214.7369	213.54193	100	0.00%	0.00%	165	141	63.39171	63.43223	Not Achieved	VA	50
12620	12785	215.56411	214.77694	213.34167	100	0.00%	0.00%	165	141	58.41141	58.46648	Not Achieved	VA	50
12630	12795	215.66682	214.79496	213.16093	100	0.00%	0.00%	165	141	57.36679	57.43756	Not Achieved	VA	50
12640	12805	215.78521	214.76024	212.98253	100	0.00%	0.00%	165	141	60.2945	60.37481	Not Achieved	VA	50
12650	12815	215.88474	212.81552	212.81552	100	0.00%	0.00%	165	141	165	165.08101	Achieved		100
12660	12825	215.96103	212.66531	212.66531	100	0.00%	0.00%	165	141	165	165.06766	Achieved		100
12670	12835	216.006	212.5192	212.5192	100	0.00%	0.00%	165	141	165	165.0498	Achieved		100
12680	12845	215.98308	212.38831	212.38831	100	0.00%	0.00%	165	141	165	165.03041	Achieved		100
12690	12855	215.94783	212.2633	212.2633	100	0.00%	0.00%	165	141	165	165.01345	Achieved		100
12700	12865	215.87235	212.14243	212.14243	100	0.00%	0.00%	165	141	165	165.00478	Achieved		100
12710	12875	215.73876	212.01466	212.01466	100	0.00%	0.00%	165	141	165	165.00376	Achieved		100
12720	12885	215.58877	211.86409	211.86409	100	0.00%	0.00%	165	141	165	165.00102	Achieved		100
12730	12895	215.4151	211.71654	211.71654	100	0.00%	0.00%	165	141	165	164.9947	Achieved		100
12740	12905	215.2107	211.55252	211.55252	100	0.00%	0.00%	165	141	165	164.99081	Achieved		100
12750	12915	214.98932	211.39954	211.39954	100	0.00%	0.00%	165	141	165	164.99111	Achieved		100
12760	12925	214.75455	211.24918	211.24918	100	0.00%	0.00%	165	141	165	164.98526	Achieved		100
12770	12935	214.54071	211.10419	211.10419	100	0.00%	0.00%	165	141	165	164.96815	Achieved		100
12780	12945	214.33971	210.94786	210.94786	100	0.00%	0.00%	165	141	165	164.93986	Achieved		100
12790	12955	214.14687	210.77378	210.77378	100	0.00%	0.00%	165	141	165	164.9063	Achieved		100
12800	12965	213.97429	210.592	210.592	100	0.00%	0.00%	165	141	165	164.87218	Achieved		100
12810	12975	213.79343	210.38787	210.38787	100	0.00%	0.00%	165	141	165	164.836	Achieved		100
12820	12985	213.63999	210.17127	210.17127	100	0.00%	0.00%	165	141	165	164.79827	Achieved		100
12830	12995	213.49193	209.9703	209.9703	100	0.00%	0.00%	165	141	165	164.75768	Achieved		100
12840	13005	213.35156	209.78329	209.78329	100	0.00%	0.00%	165	141	165	164.71209	Achieved		100
12850	13015	213.22539	209.57472	209.57472	100	0.00%	0.00%	165	141	165	164.65963	Achieved		100
12860	13025	213.1022	209.34382	209.34382	100	0.00%	0.00%	165	141	165	164.60073	Achieved		100
12870	13035	212.98153	209.11045	209.11045	100	0.00%	0.00%	165	141	165	164.53446	Achieved		100
12880	13045	212.84142	208.9283	208.9283	100	0.00%	0.00%	165	141	165	164.45708	Achieved		100
12890	13055	212.69024	208.77202	208.77202	100	0.00%	0.00%	165	141	165	164.37397	Achieved		100
12900	13065	212.53567	208.58025	208.58025	100	0.00%	0.00%	165	141	165	164.29201	Achieved		100
12910	13075	212.37451	208.37206	208.37206	100	0.00%	0.00%	165	141	165	164.21376	Achieved		100
12920	13085	212.22455	208.16757	208.16757	100	0.00%	0.00%	165	141	165	164.14814	Achieved		100
12930	13095	212.07626	207.93244	207.93244	100	0.00%	0.00%	165	141	165	164.11121	Achieved		100
12940	13105	211.92945	207.6908	207.6908	100	0.00%	0.00%	165	141	165	164.11933	Achieved		100
12950	13115	211.76226	207.44522	207.44522	100	0.00%	0.00%	165	141	165	164.14828	Achieved		100
12960	13125	211.58293	207.19897	207.19897	100	0.00%	0.00%	165	141	165	164.1629	Achieved		100
12970	13135	211.39419	206.91273	206.91273	100	0.00%	0.00%	165	141	165	164.17749	Achieved		100
12980	13145	211.18032	206.66495	206.66495	100	0.00%	0.00%	165	141	165	164.21866	Achieved		100
12990	13155	210.96751	206.46959	206.46959	100	0.00%	0.00%	165	141	165	164.27542	Achieved		100
13000	13165	210.7764	206.31298	206.31298	100	0.00%	0.00%	165	141	165	164.33206	Achieved		100
13010	13175	210.58216	206.16602	206.16602	100	0.00%	0.00%	165	141	165	164.40584	Achieved		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)
13020	13185	210.36412	206.04623	206.04623	100	0.00%	0.00%	165	141	165	164.32327	Achieved		100
13030	13195	210.12532	205.95124	205.95124	100	0.00%	0.00%	165	141	165	164.6664	Achieved		100
13040	13205	209.9109	205.88432	205.88432	100	0.00%	0.00%	165	141	165	164.80092	Achieved		100
13050	13215	209.75198	205.81746	205.81746	100	0.00%	0.00%	165	141	165	164.91424	Achieved		100
13060	13225	209.58238	205.71907	205.71907	100	0.00%	0.00%	165	141	165	164.98418	Achieved		100
13070	13235	209.37563	205.65614	205.65614	100	0.00%	0.00%	165	141	165	164.93728	Achieved		100
13080	13245	209.17207	205.64871	205.64871	100	0.00%	0.00%	165	141	165	164.74426	Achieved		100
13090	13255	208.95224	205.69862	205.69862	100	0.00%	0.00%	165	141	165	164.42025	Achieved		100
13100	13265	208.70962	205.76006	205.76006	100	0.00%	0.00%	165	141	165	163.94822	Achieved		100
13110	13275	208.47117	205.78441	205.78441	100	0.00%	0.00%	165	141	165	163.32969	Achieved		100
13120	13285	208.22226	205.76287	205.76287	100	0.00%	0.00%	165	141	165	162.58479	Achieved		100
13130	13295	207.96121	205.70081	205.70081	100	0.00%	0.00%	165	141	165	161.74938	Achieved		100
13140	13305	207.67801	205.63591	205.63591	100	0.00%	0.00%	165	141	165	160.94122	Achieved		100
13150	13315	207.46001	205.57923	205.57923	100	0.00%	0.00%	165	141	165	160.27922	Achieved		100
13160	13325	207.29337	205.54512	205.54512	100	0.00%	0.00%	165	141	165	159.81042	Achieved		100
13170	13335	207.12905	205.49373	205.49373	100	0.00%	0.00%	165	141	165	159.56283	Achieved		100
13180	13345	207.00933	205.48167	205.48167	100	0.00%	0.00%	165	141	165	159.54864	Achieved		100
13190	13355	206.89366	205.50014	205.50014	100	0.00%	0.00%	165	141	165	159.76759	Achieved		100
13200	13365	206.81472	205.49553	205.49553	100	0.00%	0.00%	165	141	165	160.23025	Achieved		100
13210	13375	206.75546	205.4976	205.4976	100	0.00%	0.00%	165	141	165	160.91263	Achieved		100
13220	13385	206.66985	205.50351	205.50351	100	0.00%	0.00%	165	141	165	161.70346	Achieved		100
13230	13395	206.57978	205.52985	205.52985	100	0.00%	0.00%	165	141	165	162.46641	Achieved		100
13240	13405	206.54439	205.595	205.595	100	0.00%	0.00%	165	141	165	163.1663	Achieved		100
13250	13415	206.56959	205.66889	205.66889	100	0.00%	0.00%	165	141	165	163.80221	Achieved		100

Frankford Main Road (A1044) – Counter Direction (CD)

Stopping Sight Distance

Car Driver Eye Height 1.10m to 0.2m Object Height

Continuous Chainage from Link 05

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)
1350	1515	53.52982	51.95813	51.95813	100	0.00%	0.00%	165	141	165	164.89479	Achieved		100
1360	1525	53.29288	52.03426	52.03426	100	0.00%	0.00%	165	141	165	164.90276	Achieved		100
1370	1535	53.07838	52.07992	52.07992	100	0.00%	0.00%	165	141	165	164.91215	Achieved		100
1380	1545	52.91955	52.12084	52.12084	100	0.00%	0.00%	165	141	165	164.92072	Achieved		100
1390	1555	52.76545	52.2015	52.2015	100	0.00%	0.00%	165	141	165	164.93352	Achieved		100
1400	1565	52.59714	52.29072	52.29072	100	0.00%	0.00%	165	141	165	164.95506	Achieved		100
1410	1575	52.4753	52.35454	52.35454	100	0.00%	0.00%	165	141	165	164.98313	Achieved		100
1420	1585	52.43095	52.40631	52.40631	100	0.00%	0.00%	165	141	165	165.01506	Achieved		100
1430	1595	52.41863	52.46997	52.46997	100	0.00%	0.00%	165	141	165	165.04673	Achieved		100
1440	1605	52.44716	52.55569	52.55569	100	0.00%	0.00%	165	141	165	165.06978	Achieved		100
1450	1615	52.48799	52.64935	52.64935	100	0.00%	0.00%	165	141	165	165.07583	Achieved		100
1460	1625	52.53452	52.72043	52.72043	100	0.00%	0.00%	165	141	165	165.07174	Achieved		100
1470	1635	52.58505	52.80513	52.80513	100	0.00%	0.00%	165	141	165	165.0661	Achieved		100
1480	1645	52.61834	52.86014	52.86014	100	0.00%	0.00%	165	141	165	165.05825	Achieved		100
1490	1655	52.64068	52.90887	52.90887	100	0.00%	0.00%	165	141	165	165.04619	Achieved		100
1500	1665	52.71668	52.9562	52.9562	100	0.00%	0.00%	165	141	165	165.03282	Achieved		100
1510	1675	52.81327	52.98947	52.98947	100	0.00%	0.00%	165	141	165	165.02121	Achieved		100
1520	1685	52.89958	53.0241	53.0241	100	0.00%	0.00%	165	141	165	165.01143	Achieved		100
1530	1695	52.95868	53.05931	53.05931	100	0.00%	0.00%	165	141	165	165.00189	Achieved		100
1540	1705	53.00074	53.12477	53.12477	100	0.00%	0.00%	165	141	165	164.99674	Achieved		100
1550	1715	53.05602	53.18634	53.18634	100	0.00%	0.00%	165	141	165	164.99799	Achieved		100
1560	1725	53.14609	53.22834	53.22834	100	0.00%	0.00%	165	141	165	164.99949	Achieved		100
1570	1735	53.23083	53.25622	53.25622	100	0.00%	0.00%	165	141	165	164.99855	Achieved		100
1580	1745	53.27262	53.28678	53.28678	100	0.00%	0.00%	165	141	165	164.99716	Achieved		100
1590	1755	53.3316	53.29365	53.29365	100	0.00%	0.00%	165	141	165	164.99568	Achieved		100
1600	1765	53.41088	53.28709	53.28709	100	0.00%	0.00%	165	141	165	164.99716	Achieved		100
1610	1775	53.50509	53.31581	53.31581	100	0.00%	0.00%	165	141	165	165.00163	Achieved		100
1620	1785	53.58347	53.34298	53.34298	100	0.00%	0.00%	165	141	165	165.00028	Achieved		100
1630	1795	53.66022	53.37044	53.37044	100	0.00%	0.00%	165	141	165	164.99331	Achieved		100
1640	1805	53.73235	53.42966	53.42966	100	0.00%	0.00%	165	141	165	164.99209	Achieved		100
1650	1815	53.78588	53.50766	53.50766	100	0.00%	0.00%	165	141	165	164.99647	Achieved		100
1660	1825	53.83484	53.57589	53.57589	100	0.00%	0.00%	165	141	165	164.99888	Achieved		100
1670	1835	53.87352	53.68012	53.68012	100	0.00%	0.00%	165	141	165	164.99917	Achieved		100
1680	1845	53.90918	53.80974	53.80974	100	0.00%	0.00%	165	141	165	165.00016	Achieved		100
1690	1855	53.93701	53.93484	53.93484	100	0.00%	0.00%	165	141	165	165.00157	Achieved		100
1700	1865	53.98909	54.05177	54.05177	100	0.00%	0.00%	165	141	165	165.00223	Achieved		100
1710	1875	54.05649	54.1905	54.1905	100	0.00%	0.00%	165	141	165	165.00085	Achieved		100
1720	1885	54.11066	54.34852	54.34852	100	0.00%	0.00%	165	141	165	164.99553	Achieved		100
1730	1895	54.14384	54.51446	54.51446	100	0.00%	0.00%	165	141	165	164.98836	Achieved		100
1740	1905	54.18009	54.66536	54.66536	100	0.00%	0.00%	165	141	165	164.98098	Achieved		100
1750	1915	54.19813	54.8048	54.8048	100	0.00%	0.00%	165	141	165	164.97197	Achieved		100
1760	1925	54.18914	54.89426	54.89426	100	0.00%	0.00%	165	141	165	164.95918	Achieved		100
1770	1935	54.19954	54.96811	54.96811	100	0.00%	0.00%	165	141	165	164.94102	Achieved		100
1780	1945	54.23011	55.075	55.075	100	0.00%	0.00%	165	141	165	164.91942	Achieved		100
1790	1955	54.25213	55.19372	55.19372	100	0.00%	0.00%	165	141	165	164.89741	Achieved		100
1800	1965	54.29471	55.29982	55.29982	100	0.00%	0.00%	165	141	165	164.86934	Achieved		100
1810	1975	54.36546	55.37363	55.37363	100	0.00%	0.00%	165	141	165	164.82942	Achieved		100
1820	1985	54.4401	55.42204	55.42204	100	0.00%	0.00%	165	141	165	164.78336	Achieved		100
1830	1995	54.52024	55.45197	55.45197	100	0.00%	0.00%	165	141	165	164.73872	Achieved		100
1840	2005	54.64748	55.47899	55.47899	100	0.00%	0.00%	165	141	165	164.69364	Achieved		100
1850	2015	54.77884	55.52812	55.52812	100	0.00%	0.00%	165	141	165	164.64773	Achieved		100
1860	2025	54.89294	55.57921	55.57921	100	0.00%	0.00%	165	141	165	164.60383	Achieved		100
1870	2035	55.01475	55.63628	55.63628	100	0.00%	0.00%	165	141	165	164.5636	Achieved		100
1880	2045	55.1747	55.72225	55.72225	100	0.00%	0.00%	165	141	165	164.52618	Achieved		100
1890	2055	55.33293	55.75095	55.75095	100	0.00%	0.00%	165	141	165	164.49043	Achieved		100
1900	2065	55.48955	55.79825	55.79825	100	0.00%	0.00%	165	141	165	164.45014	Achieved		100
1910	2075	55.63348	55.84137	55.84137	100	0.00%	0.00%	165	141	165	164.40232	Achieved		100
1920	2085	55.75034	55.92529	55.92529	100	0.00%	0.00%	165	141	165	164.35408	Achieved		100
1930	2095	55.82874	56.0035	56.0035	100	0.00%	0.00%	165	141	165	164.31223	Achieved		100
1940	2105	55.91924	56.06452	56.06452	100	0.00%	0.00%	165	141	165	164.29111	Achieved		100
1950	2115	56.03472	56.14835	56.14835	100	0.00%	0.00%	165	141	165	164.29555	Achieved		100
1960	2125	56.14963	56.26518	56.26518	100	0.00%	0.00%	165	141	165	164.30467	Achieved		100
1970	2135	56.2395	56.38682	56.38682	100	0.00%	0.00%	165	141	165	164.30824	Achieved		100
1980	2145	56.3019	56.56142	56.56142	100	0.00%	0.00%	165	141	165	164.31213	Achieved		100
1990	2155	56.33585	56.77447	56.77447	100	0.00%	0.00%	165	141	165	164.31966	Achieved		100
2000	2165	56.36395	56.9619	56.9619	100	0.00%	0.00%	165	141	165	164.33402	Achieved		100
2010	2175	56.40451	57.14816	57.14816	100	0.00%	0.00%	165	141	165	164.35719	Achieved		100
2020	2185	56.44871	57.32763	57.32763	100	0.00%	0.00%	165	141	165	164.38872	Achieved		100
2030	2195	56.51431	57.51333	57.51333	100	0.00%	0.00%	165	141	165	164.42926	Achieved		100
2040	2205	56.5955	57.67937	57.67937	100	0.00%	0.00%	165	141	165	164.48401	Achieved		100
2050	2215	56.63719	57.84696	57.84696	100	0.00%	0.00%	165	141	165	164.55149	Achieved		100
2060	2225	56.67072	58.03751	58.03751	100	0.00%	0.00%	165	141	165	164.6209	Achieved		100
2070	2235	56.7219	58.22289	58.22289	100	0.00%	0.00%	165	141	165	164.68642	Achieved		100
2080	2245	56.78282	58.4015	58.4015	100	0.00%	0.00%	165	141	165	164.74431	Achieved		100
2090	2255	56.86712	58.57987	58.57987	100	0.00%	0.00%	165	141	165	164.79226	Achieved		100
2100	2265	56.93234	58.76135	58.76135	100	0.00%	0.00%	165	141	165	164.82533	Achieved		100
2110	2275	57.00704	58.95365	58.95365	100	0.00%	0.00%	165	141	165	164.84484	Achieved		100
2120	2285	57.10581	59.13563	59.13563	100	0.00%	0.00%	165	141	165	164.87042	Achieved		100
2130	2295	57.22315	59.29484	59.29484	100	0.00%	0.00%	165	141	165	164.90726	Achieved		100
2140	2305	57.36743	59.44192	59.44192	100	0.00%	0.00%	165	141	165	164.9369	Achieved		100
2150	2315	57.56477	59.59418	59.59418	100	0.00%	0.00%	165	141	165	164.95623	Achieved		100
2160	2325	57.77013	59.72106	59.72106	100	0.00%	0.00%	165	141	165	164.971	Achieved		100
2170	2335	57.94978	59.81193	59.81193	100	0.00%	0.00%	165	141	165	164.98233	Achieved		100
2180	2345	58.13165	59.91444	59.91444	100	0.00%	0.00%	165	141	165	164.99093	Achieved		100
2190	2355	58.31851	59.99006	59.99006	100	0.00%	0.00%	165	141	165	164.99783	Achieved		100
2200	2365	58.49416	60.04091	60.04091	100	0.00%	0.00%	165	141	165	165.00152	Achieved		100
2210	2375	58.67616	60.12852	60.12852	100	0.00%	0.00%	165	141	165	165.0012	Achieved		100
2220	2385	58.83897	60.23506	60.23506	100	0.00%	0.00%	165	141	165	165.00021	Achieved		100
2230	2395	59.03367	60.37092	60.37092	100	0.00%	0.00%	165	141	165	165.0017	Achieved		100
2240	2405	59.21048	60.52392	60.52392	100	0.00%	0.00%	165	141	165	165.00475	Achieved		100
2250	2415	59.39091	60.65075	60.65075	100	0.00%	0.00%	165	141	165	165.00669	Achieved		100
2260	2425	59.56768	60.80093	60.80093	100	0.00%	0.00%	165	141	165	165.00655	Achieved		100
2270	2435	59.75811	60.95799	60.95799	100	0.00%	0.00%	165	141	165	165.0058	Achieved		100
2280	2445	59.94999	61.11837	61.11837	100	0.00%	0.00%	165	141	165	165.00306	Achieved		100
2290	2455	60.11623	61.31559	61.31559	100	0.00%	0.00%	165	141	165	164.99758	Achieved		100
2300	2465	60.27208	61.54504	61.54504	100	0.00%	0.00%	165	141	165	165.00109	Achieved		100
2310	2475	60.4173	61.7869	61.7869	100	0.00%	0.00%	165	141	165	165.01249	Achieved		100
2320	2485	60.55991	62.03335	62.03335	100	0.00%	0.00%	165	141	165	165.01069	Achieved		100
2330	2495	60.66898	62.28628	62.28628	100	0.00%	0.00%	165	141	165	164.99632	Achieved		100
2340	2505	60.76787	62.57808	62.57808	100	0.00%	0.00%	165	141	165	164.99194	Achieved		100
2350	2515	60.85262	62.86218	62.86218	100	0.00%	0.00%	165	141	165	164.99767	Achieved		100
2360	2525	60.91534	63.1367	63.1367	100	0.00%	0.00%	165	141	165	165.00161	Achieved		100
2370	2535	60.97818	63.41893	63.41893	100	0.00%	0.00%	165	141	165	165.00251	Achieved		100
2380	2545	61.07863	63.68879	63.68879	100	0.00%	0.00%	165	141	165	165.00143	Achieved		100
2390	2555	61.19759	63.9123	63.9123	100	0.00%	0.00%	165	141	165	164.99996	Achieved		100
2400	2565	61.35113	64.12004	64.12004	100	0.00%	0.00%	165	141	165	165.0009	Achieved		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)
2410	2575	61.48573	64.31181	64.31181	100	0.00%	0.00%	165	141	165	165.0019	Achieved		100
2420	2585	61.62287	64.48739	64.48739	100	0.00%	0.00%	165	141	165	164.99894	Achieved		100
2430	2595	61.78223	64.66213	64.66213	100	0.00%	0.00%	165	141	165	164.99477	Achieved		100
2440	2605	61.93655	64.84094	64.84094	100	0.00%	0.00%	165	141	165	164.99466	Achieved		100
2450	2615	62.11219	65.03411	65.03411	100	0.00%	0.00%	165	141	165	164.99681	Achieved		100
2460	2625	62.32524	65.20944	65.20944	100	0.00%	0.00%	165	141	165	164.99217	Achieved		100
2470	2635	62.5678	65.36017	65.36017	100	0.00%	0.00%	165	141	165	164.97945	Achieved		100
2480	2645	62.81118	65.50937	65.50937	100	0.00%	0.00%	165	141	165	164.97854	Achieved		100
2490	2655	63.05638	65.6512	65.6512	100	0.00%	0.00%	165	141	165	164.9964	Achieved		100
2500	2665	63.32697	65.74382	65.74382	100	0.00%	0.00%	165	141	165	165.00477	Achieved		100
2510	2675	63.62267	65.84168	65.84168	100	0.00%	0.00%	165	141	165	164.99443	Achieved		100
2520	2685	63.90469	65.93319	65.93319	100	0.00%	0.00%	165	141	165	164.98834	Achieved		100
2530	2695	64.17875	66.00708	66.00708	100	0.00%	0.00%	165	141	165	164.99241	Achieved		100
2540	2705	64.45224	66.04186	66.04186	100	0.00%	0.00%	165	141	165	164.99461	Achieved		100
2550	2715	64.70564	66.05091	66.05091	100	0.00%	0.00%	165	141	165	164.99481	Achieved		100
2560	2725	64.91676	66.01079	66.01079	100	0.00%	0.00%	165	141	165	164.99642	Achieved		100
2570	2735	65.11589	65.69572	65.98064	100	0.00%	0.00%	165	141	110.64504	110.63314	Not Achieved		80
2580	2745	65.30116	65.71079	65.96166	100	0.00%	0.00%	165	141	102.34057	102.32833	Not Achieved		80
2590	2755	65.48009	65.7382	65.9259	100	0.00%	0.00%	165	141	95.53999	95.53355	Not Achieved		70
2600	2765	65.64652	65.75444	65.85014	100	0.00%	0.00%	165	141	87.45668	87.45396	Not Achieved		70
2610	2775	65.84897	65.8088	65.77098	100	0.00%	0.00%	165	141	85.00024	85.00274	Not Achieved		70
2620	2785	66.0265	65.84716	65.68272	100	0.00%	0.00%	165	141	86.07591	86.07878	Not Achieved		70
2630	2795	66.1884	65.59265	65.59265	100	0.00%	0.00%	165	141	165	165.00467	Achieved		100
2640	2805	66.3348	65.46815	65.46815	100	0.00%	0.00%	165	141	165	165.00269	Achieved		100
2650	2815	66.48772	65.32611	65.32611	100	0.00%	0.00%	165	141	165	164.99293	Achieved		100
2660	2825	66.6019	65.17486	65.17486	100	0.00%	0.00%	165	141	165	164.99118	Achieved		100
2670	2835	66.69288	64.98901	64.98901	100	0.00%	0.00%	165	141	165	165.00199	Achieved		100
2680	2845	66.79087	64.79341	64.79341	100	0.00%	0.00%	165	141	165	165.00788	Achieved		100
2690	2855	66.87453	64.59393	64.59393	100	0.00%	0.00%	165	141	165	165.00163	Achieved		100
2700	2865	66.9268	64.39494	64.39494	100	0.00%	0.00%	165	141	165	164.99579	Achieved		100
2710	2875	66.95516	64.18368	64.18368	100	0.00%	0.00%	165	141	165	164.96863	Achieved		100
2720	2885	66.9308	63.97603	63.97603	100	0.00%	0.00%	165	141	165	164.97672	Achieved		100
2730	2895	66.89492	63.76324	63.76324	100	0.00%	0.00%	165	141	165	164.95881	Achieved		100
2740	2905	66.86863	63.56397	63.56397	100	0.00%	0.00%	165	141	165	164.92509	Achieved		100
2750	2915	66.84643	63.3556	63.3556	100	0.00%	0.00%	165	141	165	164.87906	Achieved		100
2760	2925	66.79341	63.14818	63.14818	100	0.00%	0.00%	165	141	165	164.82797	Achieved		100
2770	2935	66.70933	62.97265	62.97265	100	0.00%	0.00%	165	141	165	164.77642	Achieved		100
2780	2945	66.62734	62.8469	62.8469	100	0.00%	0.00%	165	141	165	164.71454	Achieved		100
2790	2955	66.54149	62.73562	62.73562	100	0.00%	0.00%	165	141	165	164.63686	Achieved		100
2800	2965	66.43525	62.69366	62.69366	100	0.00%	0.00%	165	141	165	164.55227	Achieved		100
2810	2975	66.29471	62.65679	62.65679	100	0.00%	0.00%	165	141	165	164.46883	Achieved		100
2820	2985	66.15438	62.66016	62.66016	100	0.00%	0.00%	165	141	165	164.38806	Achieved		100
2830	2995	65.98883	62.65988	62.65988	100	0.00%	0.00%	165	141	165	164.3136	Achieved		100
2840	3005	65.79431	62.66929	62.66929	100	0.00%	0.00%	165	141	165	164.24846	Achieved		100
2850	3015	65.59481	62.69678	62.69678	100	0.00%	0.00%	165	141	165	164.17824	Achieved		100
2860	3025	65.39609	62.73238	62.73238	100	0.00%	0.00%	165	141	165	164.1017	Achieved		100
2870	3035	65.19253	62.76196	62.76196	100	0.00%	0.00%	165	141	165	164.0268	Achieved		100
2880	3045	64.9737	62.81574	62.81574	100	0.00%	0.00%	165	141	165	163.9473	Achieved		100
2890	3055	64.77589	62.86074	62.86074	100	0.00%	0.00%	165	141	165	163.87292	Achieved		100
2900	3065	64.56455	62.86946	62.86946	100	0.00%	0.00%	165	141	165	163.83635	Achieved		100
2910	3075	64.35945	62.90284	62.90284	100	0.00%	0.00%	165	141	165	163.82732	Achieved		100
2920	3085	64.15743	62.98293	62.98293	100	0.00%	0.00%	165	141	165	163.84064	Achieved		100
2930	3095	63.95427	63.05619	63.05619	100	0.00%	0.00%	165	141	165	163.87063	Achieved		100
2940	3105	63.80196	63.14109	63.14109	100	0.00%	0.00%	165	141	165	163.91935	Achieved		100
2950	3115	63.69292	63.27022	63.27022	100	0.00%	0.00%	165	141	165	163.98674	Achieved		100
2960	3125	63.62009	63.43805	63.43805	100	0.00%	0.00%	165	141	165	164.06538	Achieved		100
2970	3135	63.57375	63.62632	63.62632	100	0.00%	0.00%	165	141	165	164.14935	Achieved		100
2980	3145	63.55668	63.81763	63.81763	100	0.00%	0.00%	165	141	165	164.23507	Achieved		100
2990	3155	63.56112	64.05953	64.05953	100	0.00%	0.00%	165	141	165	164.32123	Achieved		100
3000	3165	63.56005	64.34396	64.34396	100	0.00%	0.00%	165	141	165	164.41657	Achieved		100
3010	3175	63.58236	64.63262	64.63262	100	0.00%	0.00%	165	141	165	164.52742	Achieved		100
3020	3185	63.60915	64.92357	64.92357	100	0.00%	0.00%	165	141	165	164.63883	Achieved		100
3030	3195	63.6448	65.20485	65.20485	100	0.00%	0.00%	165	141	165	164.73754	Achieved		100
3040	3205	63.67551	65.49314	65.49314	100	0.00%	0.00%	165	141	165	164.81839	Achieved		100
3050	3215	63.74413	65.79586	65.79586	100	0.00%	0.00%	165	141	165	164.87908	Achieved		100
3060	3225	63.76582	66.08122	66.08122	100	0.00%	0.00%	165	141	165	164.92168	Achieved		100
3070	3235	63.78013	66.36563	66.36563	100	0.00%	0.00%	165	141	165	164.94799	Achieved		100
3080	3245	63.84324	66.69358	66.69358	100	0.00%	0.00%	165	141	165	164.96583	Achieved		100
3090	3255	63.92554	67.02603	67.02603	100	0.00%	0.00%	165	141	165	164.98086	Achieved		100
3100	3265	64.00047	67.36032	67.36032	100	0.00%	0.00%	165	141	165	164.99139	Achieved		100
3110	3275	64.08327	67.67903	67.67903	100	0.00%	0.00%	165	141	165	164.99877	Achieved		100
3120	3285	64.25103	67.96165	67.96165	100	0.00%	0.00%	165	141	165	164.99909	Achieved		100
3130	3295	64.43303	68.24305	68.24305	100	0.00%	0.00%	165	141	165	164.99109	Achieved		100
3140	3305	64.62028	68.52944	68.52944	100	0.00%	0.00%	165	141	165	164.98545	Achieved		100
3150	3315	64.83004	68.83317	68.83317	100	0.00%	0.00%	165	141	165	164.98707	Achieved		100
3160	3325	65.09972	69.13454	69.13454	100	0.00%	0.00%	165	141	165	164.99172	Achieved		100
3170	3335	65.38947	69.40902	69.40902	100	0.00%	0.00%	165	141	165	164.99741	Achieved		100
3180	3345	65.67983	69.65807	69.65807	100	0.00%	0.00%	165	141	165	164.9992	Achieved		100
3190	3355	65.96294	69.90513	69.90513	100	0.00%	0.00%	165	141	165	164.99472	Achieved		100
3200	3365	66.24479	70.14408	70.14408	100	0.00%	0.00%	165	141	165	164.99133	Achieved		100
3210	3375	66.54475	70.36646	70.36646	100	0.00%	0.00%	165	141	165	164.99256	Achieved		100
3220	3385	66.84327	70.55849	70.55849	100	0.00%	0.00%	165	141	165	164.99567	Achieved		100
3230	3395	67.1203	70.74948	70.74948	100	0.00%	0.00%	165	141	165	164.99979	Achieved		100
3240	3405	67.42819	70.93447	70.93447	100	0.00%	0.00%	165	141	165	165.00072	Achieved		100
3250	3415	67.75697	71.1184	71.1184	100	0.00%	0.00%	165	141	165	164.99394	Achieved		100
3260	3425	68.09096	71.30139	71.30139	100	0.00%	0.00%	165	141	165	164.98299	Achieved		100
3270	3435	68.42314	71.49214	71.49214	100	0.00%	0.00%	165	141	165	164.97279	Achieved		100
3280	3445	68.72223	71.63887	71.63887	100	0.00%	0.00%	165	141	165	164.96669	Achieved		100
3290	3455	69.00346	71.76174	71.76174	100	0.00%	0.00%	165	141	165	164.96927	Achieved		100
3300	3465	69.28372	71.86836	71.86836	100	0.00%	0.00%	165	141	165	164.97783	Achieved		100
3310	3475	69.57881	71.92878	71.92878	100	0.00%	0.00%	165	141	165	164.98258	Achieved		100
3320	3485	69.88679	71.96365	71.96365	100	0.00%	0.00%	165	141	165	164.9779	Achieved		100
3330	3495	70.17249	72.00961	72.00961	100	0.00%	0.00%	165	141	165	164.96528	Achieved		100
3340	3505	70.43724	72.05892	72.05892	100	0.00%	0.00%	165	141	165	164.95163	Achieved		100
3350	3515	70.67908	72.11082	72.11082	100	0.00%	0.00%	165	141	165	164.94375	Achieved		100
3360	3525	70.92817	72.14791	72.14791	100	0.00%	0.00%	165	141	165	164.9437	Achieved		100
3370	3535	71.15757	72.13439	72.13439	100	0.00%	0.00%	165	141	165	164.94697	Achieved		100
3380	3545	71.36438	72.09695	72.09695	100	0.00%	0.00%	165	141	165	164.9474	Achieved		100
3390	3555	71.55331	72.04383	72.04383	100	0.00%	0.00%	165	141	165	164.94467	Achieved		100
3400	3565	71.73491	72.0068	72.0068	100	0.00%	0.00%	165	141	165	164.94214	Achieved		100
3410	3575	71.92644	71.93593	71.93993	100	0.00%	0.00%	165	141	115.90806	115.84167	Not Achieved		80
3420	3585	72.10863	71.87733	71.87733	100	0.00%	0.00%	165	141	165	164.94927	Achieved		100
3430	3595	72.2972	71.80331	71.80331	100	0.00%	0.00%	165	141	165	164.95821	Achieved		100
3440	3605	72.47376	71.71247	71.71247	100	0.00%	0.00%	165	141	165	164.96505	Achieved		100
3450	3615	72.59714	71.60428	71.60428	100	0.00%	0.00%	165	141	165	164.96673	Achieved		100
3460	3625	72.72203	71.47408	71.47408	100	0.00%	0.00%	165	141	165	164.96603	Achieved		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)
3470	3635	72.80492	71.33484	71.33484	100	0.00%	0.00%	165	141	165	164.96323	Achieved		100
3480	3645	72.84379	71.16311	71.16311	100	0.00%	0.00%	165	141	165	164.96539	Achieved		100
3490	3655	72.88763	70.98886	70.98886	100	0.00%	0.00%	165	141	165	164.98112	Achieved		100
3500	3665	72.93532	70.82365	70.82365	100	0.00%	0.00%	165	141	165	164.99706	Achieved		100
3510	3675	72.98468	70.70881	70.70881	100	0.00%	0.00%	165	141	165	165.00442	Achieved		100
3520	3685	73.03525	70.59673	70.59673	100	0.00%	0.00%	165	141	165	165.00575	Achieved		100
3530	3695	73.04745	70.47976	70.47976	100	0.00%	0.00%	165	141	165	164.99845	Achieved		100
3540	3705	73.02057	70.37717	70.37717	100	0.00%	0.00%	165	141	165	164.98969	Achieved		100
3550	3715	72.97713	70.30256	70.30256	100	0.00%	0.00%	165	141	165	164.98895	Achieved		100
3560	3725	72.92927	70.20349	70.20349	100	0.00%	0.00%	165	141	165	164.99139	Achieved		100
3570	3735	72.87512	70.11508	70.11508	100	0.00%	0.00%	165	141	165	164.99296	Achieved		100
3580	3745	72.80825	70.06822	70.06822	100	0.00%	0.00%	165	141	165	164.99385	Achieved		100
3590	3755	72.74027	70.03605	70.03605	100	0.00%	0.00%	165	141	165	164.99268	Achieved		100
3600	3765	72.65938	69.99948	69.99948	100	0.00%	0.00%	165	141	165	164.9922	Achieved		100
3610	3775	72.56566	69.9751	69.9751	100	0.00%	0.00%	165	141	165	164.99701	Achieved		100
3620	3785	72.43908	69.97242	69.97242	100	0.00%	0.00%	165	141	165	165.00417	Achieved		100
3630	3795	72.30319	69.96064	69.96064	100	0.00%	0.00%	165	141	165	165.00941	Achieved		100
3640	3805	72.14888	69.95829	69.95829	100	0.00%	0.00%	165	141	165	165.01068	Achieved		100
3650	3815	71.97695	69.95314	69.95314	100	0.00%	0.00%	165	141	165	165.00404	Achieved		100
3660	3825	71.80157	69.94169	69.94169	100	0.00%	0.00%	165	141	165	164.99355	Achieved		100
3670	3835	71.66251	69.93635	69.93635	100	0.00%	0.00%	165	141	165	164.98936	Achieved		100
3680	3845	71.55613	69.91085	69.91085	100	0.00%	0.00%	165	141	165	164.98873	Achieved		100
3690	3855	71.43725	69.87751	69.87751	100	0.00%	0.00%	165	141	165	164.98652	Achieved		100
3700	3865	71.32485	69.85562	69.85562	100	0.00%	0.00%	165	141	165	164.98109	Achieved		100
3710	3875	71.24242	69.84705	69.84705	100	0.00%	0.00%	165	141	165	164.96808	Achieved		100
3720	3885	71.13788	69.82209	69.82209	100	0.00%	0.00%	165	141	165	164.94928	Achieved		100
3730	3895	71.05229	69.80123	69.80123	100	0.00%	0.00%	165	141	165	164.92899	Achieved		100
3740	3905	70.98667	69.80411	69.80411	100	0.00%	0.00%	165	141	165	164.90684	Achieved		100
3750	3915	70.95333	69.77884	69.77884	100	0.00%	0.00%	165	141	165	164.88141	Achieved		100
3760	3925	70.91809	69.7598	69.7598	100	0.00%	0.00%	165	141	165	164.85169	Achieved		100
3770	3935	70.88662	69.75702	69.75702	100	0.00%	0.00%	165	141	165	164.81653	Achieved		100
3780	3945	70.87013	69.73556	69.73556	100	0.00%	0.00%	165	141	165	164.77637	Achieved		100
3790	3955	70.86943	69.74444	69.74444	100	0.00%	0.00%	165	141	165	164.73359	Achieved		100
3800	3965	70.85901	69.7159	69.7159	100	0.00%	0.00%	165	141	165	164.68827	Achieved		100
3810	3975	70.86142	69.70871	69.70871	100	0.00%	0.00%	165	141	165	164.64144	Achieved		100
3820	3985	70.84734	69.6861	69.6861	100	0.00%	0.00%	165	141	165	164.59622	Achieved		100
3830	3995	70.84033	69.68076	69.68076	100	0.00%	0.00%	165	141	165	164.55591	Achieved		100
3840	4005	70.82495	69.67455	69.67455	100	0.00%	0.00%	165	141	165	164.52568	Achieved		100
3850	4015	70.79251	69.6692	69.6692	100	0.00%	0.00%	165	141	165	164.51024	Achieved		100
3860	4025	70.76485	69.67736	69.67736	100	0.00%	0.00%	165	141	165	164.50832	Achieved		100
3870	4035	70.74587	69.68091	69.68091	100	0.00%	0.00%	165	141	165	164.51767	Achieved		100
3880	4045	70.73926	69.67031	69.67031	100	0.00%	0.00%	165	141	165	164.53626	Achieved		100
3890	4055	70.70957	69.65615	69.65615	100	0.00%	0.00%	165	141	165	164.56175	Achieved		100
3900	4065	70.70363	69.64303	69.64303	100	0.00%	0.00%	165	141	165	164.59165	Achieved		100
3910	4075	70.69184	69.64434	69.64434	100	0.00%	0.00%	165	141	165	164.62394	Achieved		100
3920	4085	70.66794	69.61787	69.61787	100	0.00%	0.00%	165	141	165	164.66119	Achieved		100
3930	4095	70.65575	69.60147	69.60147	100	0.00%	0.00%	165	141	165	164.70469	Achieved		100
3940	4105	70.65797	69.5594	69.5594	100	0.00%	0.00%	165	141	165	164.75084	Achieved		100
3950	4115	70.65144	69.53957	69.53957	100	0.00%	0.00%	165	141	165	164.7967	Achieved		100
3960	4125	70.62633	69.53057	69.53057	100	0.00%	0.00%	165	141	165	164.83781	Achieved		100
3970	4135	70.6151	69.5001	69.5001	100	0.00%	0.00%	165	141	165	164.87183	Achieved		100
3980	4145	70.59493	69.48237	69.48237	100	0.00%	0.00%	165	141	165	164.90104	Achieved		100
3990	4155	70.585	69.47123	69.47123	100	0.00%	0.00%	165	141	165	164.9258	Achieved		100
4000	4165	70.57799	69.49982	69.49982	100	0.00%	0.00%	165	141	165	164.94574	Achieved		100
4010	4175	70.57227	69.5211	69.5211	100	0.00%	0.00%	165	141	165	164.95987	Achieved		100
4020	4185	70.57439	69.54269	69.54269	100	0.00%	0.00%	165	141	165	164.96954	Achieved		100
4030	4195	70.57897	69.57096	69.57096	100	0.00%	0.00%	165	141	165	164.97716	Achieved		100
4040	4205	70.57338	69.56937	69.56937	100	0.00%	0.00%	165	141	165	164.98325	Achieved		100
4050	4215	70.56508	69.53646	69.53646	100	0.00%	0.00%	165	141	165	164.98842	Achieved		100
4060	4225	70.54568	69.50074	69.50074	100	0.00%	0.00%	165	141	165	164.99308	Achieved		100
4070	4235	70.54613	69.48596	69.48596	100	0.00%	0.00%	165	141	165	164.99808	Achieved		100
4080	4245	70.53252	69.49256	69.49256	100	0.00%	0.00%	165	141	165	165.00207	Achieved		100
4090	4255	70.50754	69.50841	69.50841	100	0.00%	0.00%	165	141	165	165.00185	Achieved		100
4100	4265	70.48385	69.50939	69.50939	100	0.00%	0.00%	165	141	165	164.99886	Achieved		100
4110	4275	70.44731	69.5229	69.5229	100	0.00%	0.00%	165	141	165	164.99594	Achieved		100
4120	4285	70.43011	69.53132	69.53132	100	0.00%	0.00%	165	141	165	164.9942	Achieved		100
4130	4295	70.41916	69.5486	69.5486	100	0.00%	0.00%	165	141	165	164.99609	Achieved		100
4140	4305	70.38341	69.56852	69.56852	100	0.00%	0.00%	165	141	165	165	Achieved		100
4150	4315	70.36098	69.61536	69.61536	100	0.00%	0.00%	165	141	165	165.0024	Achieved		100
4160	4325	70.38772	69.67967	69.67967	100	0.00%	0.00%	165	141	165	165.00325	Achieved		100
4170	4335	70.41318	69.72707	69.72707	100	0.00%	0.00%	165	141	165	165.00309	Achieved		100
4180	4345	70.42922	69.75574	69.75574	100	0.00%	0.00%	165	141	165	165.00237	Achieved		100
4190	4355	70.45745	69.80095	69.80095	100	0.00%	0.00%	165	141	165	165.0016	Achieved		100
4200	4365	70.47769	69.87963	69.87963	100	0.00%	0.00%	165	141	165	165.00108	Achieved		100
4210	4375	70.45353	69.96131	69.96131	100	0.00%	0.00%	165	141	165	165.00093	Achieved		100
4220	4385	70.41894	70.04293	70.04293	100	0.00%	0.00%	165	141	165	165.0008	Achieved		100
4230	4395	70.39337	70.1354	70.1354	100	0.00%	0.00%	165	141	165	165.00059	Achieved		100
4240	4405	70.38766	70.22173	70.22173	100	0.00%	0.00%	165	141	165	165.0005	Achieved		100
4250	4415	70.40749	70.31438	70.31438	100	0.00%	0.00%	165	141	165	165.0007	Achieved		100
4260	4425	70.40743	70.38712	70.38712	100	0.00%	0.00%	165	141	165	165.00115	Achieved		100
4270	4435	70.41746	70.48814	70.48814	100	0.00%	0.00%	165	141	165	165.00136	Achieved		100
4280	4445	70.42913	70.55851	70.55851	100	0.00%	0.00%	165	141	165	165.00068	Achieved		100
4290	4455	70.43985	70.63614	70.63614	100	0.00%	0.00%	165	141	165	164.99906	Achieved		100
4300	4465	70.4568	70.68456	70.68456	100	0.00%	0.00%	165	141	165	164.99722	Achieved		100
4310	4475	70.48364	70.75589	70.75589	100	0.00%	0.00%	165	141	165	164.99567	Achieved		100
4320	4485	70.55002	70.81646	70.81646	100	0.00%	0.00%	165	141	165	164.9951	Achieved		100
4330	4495	70.60542	70.87563	70.87563	100	0.00%	0.00%	165	141	165	164.99584	Achieved		100
4340	4505	70.64182	70.96155	70.96155	100	0.00%	0.00%	165	141	165	164.99667	Achieved		100
4350	4515	70.67285	71.03839	71.03839	100	0.00%	0.00%	165	141	165	164.99687	Achieved		100
4360	4525	70.73844	71.0803	71.0803	100	0.00%	0.00%	165	141	165	164.99676	Achieved		100
4370	4535	70.81888	71.12571	71.12571	100	0.00%	0.00%	165	141	165	164.99627	Achieved		100
4380	4545	70.90219	71.16699	71.16699	100	0.00%	0.00%	165	141	165	164.996	Achieved		100
4390	4555	70.99036	71.214	71.214	100	0.00%	0.00%	165	141	165	164.99649	Achieved		100
4400	4565	71.07462	71.2999	71.2999	100	0.00%	0.00%	165	141	165	164.99691	Achieved		100
4410	4575	71.16825	71.38911	71.38911	100	0.00%	0.00%	165	141	165	164.99679	Achieved		100
4420	4585	71.2495	71.49852	71.49852	100	0.00%	0.00%	165	141	165	164.99629	Achieved		100
4430	4595	71.3334	71.58965	71.58965	100	0.00%	0.00%	165	141	165	164.99537	Achieved		100
4440	4605	71.42836	71.68581	71.68581	100	0.00%	0.00%	165	141	165	164.9946	Achieved		100
4450	4615	71.49982	71.7693	71.7693	100	0.00%	0.00%	165	141	165	164.99482	Achieved		100
4460	4625	71.56882	71.85552	71.85552	100	0.00%	0.00%	165	141	165	164.99537	Achieved		100
4470	4635	71.62033	71.92907	71.92907	100	0.00%	0.00%	165	141	165	164.99616	Achieved		100
4480	4645	71.68714	71.99374	71.99374	100	0.00%	0.00%	165	141	165	164.9966	Achieved		100
4490	4655	71.74589	72.07838	72.07838	100	0.00%	0.00%	165	141	165	164.99642	Achieved		100
4500	4665	71.81272	72.16013	72.16013	100	0.00%	0.00%	165	141	165	164.99646	Achieved		100
4510	4675	71.90641	72.25606	72.25606	100	0.00%	0.00%	165	141	165	164.9979	Achieved		100
4520	4685	71.96231	72.37517	72.37517	100	0.00%	0.00%	165	141	165	164.99884	Achieved		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)
4530	4695	72.00227	72.49936	72.49936	100	0.00%	0.00%	165	141	165	164.99816	Achieved		100
4540	4705	72.04979	72.61579	72.61579	100	0.00%	0.00%	165	141	165	164.99681	Achieved		100
4550	4715	72.08902	72.74351	72.74351	100	0.00%	0.00%	165	141	165	164.99499	Achieved		100
4560	4725	72.15253	72.86552	72.86552	100	0.00%	0.00%	165	141	165	164.9942	Achieved		100
4570	4735	72.24278	72.96601	72.96601	100	0.00%	0.00%	165	141	165	164.99566	Achieved		100
4580	4745	72.34446	73.08378	73.08378	100	0.00%	0.00%	165	141	165	164.99726	Achieved		100
4590	4755	72.44566	73.21328	73.21328	100	0.00%	0.00%	165	141	165	164.9979	Achieved		100
4600	4765	72.54134	73.35188	73.35188	100	0.00%	0.00%	165	141	165	164.99805	Achieved		100
4610	4775	72.62863	73.50657	73.50657	100	0.00%	0.00%	165	141	165	164.9978	Achieved		100
4620	4785	72.71075	73.66961	73.66961	100	0.00%	0.00%	165	141	165	164.99776	Achieved		100
4630	4795	72.79368	73.7966	73.7966	100	0.00%	0.00%	165	141	165	164.99838	Achieved		100
4640	4805	72.86481	73.9266	73.9266	100	0.00%	0.00%	165	141	165	164.99919	Achieved		100
4650	4815	72.94108	74.05767	74.05767	100	0.00%	0.00%	165	141	165	164.99971	Achieved		100
4660	4825	73.01846	74.18382	74.18382	100	0.00%	0.00%	165	141	165	164.99973	Achieved		100
4670	4835	73.1065	74.32117	74.32117	100	0.00%	0.00%	165	141	165	164.99885	Achieved		100
4680	4845	73.2116	74.44851	74.44851	100	0.00%	0.00%	165	141	165	164.99772	Achieved		100
4690	4855	73.33823	74.57993	74.57993	100	0.00%	0.00%	165	141	165	164.99806	Achieved		100
4700	4865	73.45668	74.70577	74.70577	100	0.00%	0.00%	165	141	165	164.99987	Achieved		100
4710	4875	73.57898	74.8411	74.8411	100	0.00%	0.00%	165	141	165	165.00211	Achieved		100
4720	4885	73.70587	74.99625	74.99625	100	0.00%	0.00%	165	141	165	165.00387	Achieved		100
4730	4895	73.81666	75.14908	75.14908	100	0.00%	0.00%	165	141	165	165.00379	Achieved		100
4740	4905	73.92144	75.29569	75.29569	100	0.00%	0.00%	165	141	165	165.00232	Achieved		100
4750	4915	74.04618	75.42822	75.42822	100	0.00%	0.00%	165	141	165	165.00141	Achieved		100
4760	4925	74.18241	75.57414	75.57414	100	0.00%	0.00%	165	141	165	165.00134	Achieved		100
4770	4935	74.32669	75.73735	75.73735	100	0.00%	0.00%	165	141	165	165.00238	Achieved		100
4780	4945	74.48979	75.94188	75.94188	100	0.00%	0.00%	165	141	165	165.00344	Achieved		100
4790	4955	74.63469	76.14454	76.14454	100	0.00%	0.00%	165	141	165	165.00411	Achieved		100
4800	4965	74.75632	76.34645	76.34645	100	0.00%	0.00%	165	141	165	165.00446	Achieved		100
4810	4975	74.89445	76.57309	76.57309	100	0.00%	0.00%	165	141	165	165.00475	Achieved		100
4820	4985	75.02222	76.84328	76.84328	100	0.00%	0.00%	165	141	165	165.00414	Achieved		100
4830	4995	75.15179	77.17623	77.17623	100	0.00%	0.00%	165	141	165	165.00237	Achieved		100
4840	5005	75.28236	77.54176	77.54176	100	0.00%	0.00%	165	141	165	165.0009	Achieved		100
4850	5015	75.41768	77.9433	77.9433	100	0.00%	0.00%	165	141	165	165.00053	Achieved		100
4860	5025	75.54306	78.38705	78.38705	100	0.00%	0.00%	165	141	165	165.00276	Achieved		100
4870	5035	75.66945	78.84119	78.84119	100	0.00%	0.00%	165	141	165	165.00737	Achieved		100
4880	5045	75.81876	79.25518	79.25518	100	0.00%	0.00%	165	141	165	165.00988	Achieved		100
4890	5055	75.97209	79.62766	79.62766	100	0.00%	0.00%	165	141	165	165.00809	Achieved		100
4900	5065	76.12499	79.99277	79.99277	100	0.00%	0.00%	165	141	165	165.00587	Achieved		100
4910	5075	76.26231	80.32698	80.32698	100	0.00%	0.00%	165	141	165	165.00526	Achieved		100
4920	5085	76.39617	80.611	80.611	100	0.00%	0.00%	165	141	165	165.00939	Achieved		100
4930	5095	76.56708	80.90281	80.90281	100	0.00%	0.00%	165	141	165	165.01709	Achieved		100
4940	5105	76.74814	81.16133	81.16133	100	0.00%	0.00%	165	141	165	165.02078	Achieved		100
4950	5115	76.93984	81.38754	81.38754	100	0.00%	0.00%	165	141	165	165.01914	Achieved		100
4960	5125	77.14455	81.65427	81.65427	100	0.00%	0.00%	165	141	165	165.02085	Achieved		100
4970	5135	77.35805	81.9491	81.9491	100	0.00%	0.00%	165	141	165	165.02811	Achieved		100
4980	5145	77.60289	82.18994	82.18994	100	0.00%	0.00%	165	141	165	165.03203	Achieved		100
4990	5155	77.90562	82.40863	82.40863	100	0.00%	0.00%	165	141	165	165.03122	Achieved		100
5000	5165	78.23547	82.61092	82.61092	100	0.00%	0.00%	165	141	165	165.03175	Achieved		100
5010	5175	78.64107	82.83211	82.83211	100	0.00%	0.00%	165	141	165	165.03448	Achieved		100
5020	5185	79.05922	83.05504	83.05504	100	0.00%	0.00%	165	141	165	165.03765	Achieved		100
5030	5195	79.51841	83.24176	83.24176	100	0.00%	0.00%	165	141	165	165.03896	Achieved		100
5040	5205	79.95107	83.38569	83.38569	100	0.00%	0.00%	165	141	165	165.04001	Achieved		100
5050	5215	80.34589	83.50802	83.50802	100	0.00%	0.00%	165	141	165	165.04564	Achieved		100
5060	5225	80.70933	83.63403	83.63403	100	0.00%	0.00%	165	141	165	165.05297	Achieved		100
5070	5235	81.06424	83.72755	83.72755	100	0.00%	0.00%	165	141	165	165.05839	Achieved		100
5080	5245	81.36585	83.8051	83.8051	100	0.00%	0.00%	165	141	165	165.06133	Achieved		100
5090	5255	81.65118	83.86959	83.86959	100	0.00%	0.00%	165	141	165	165.01962	Achieved		100
5100	5265	81.93915	83.93007	83.93007	100	0.00%	0.00%	165	141	165	165.05342	Achieved		100
5110	5275	82.17741	83.43062	83.98961	100	0.00%	0.00%	165	141	114.11307	114.14315	Not Achieved		80
5120	5285	82.41333	83.49071	84.03794	100	0.00%	0.00%	165	141	109.42893	109.46214	Not Achieved		80
5130	5295	82.71504	84.09926	84.09926	100	0.00%	0.00%	165	141	165	165.06238	Achieved		100
5140	5305	82.97279	84.14877	84.14877	100	0.00%	0.00%	165	141	165	165.05624	Achieved		100
5150	5315	83.20163	84.18746	84.18746	100	0.00%	0.00%	165	141	165	165.0525	Achieved		100
5160	5325	83.41114	84.21707	84.21707	100	0.00%	0.00%	165	141	165	165.05536	Achieved		100
5170	5335	83.6183	84.21958	84.21958	100	0.00%	0.00%	165	141	165	165.06082	Achieved		100
5180	5345	83.84377	84.22278	84.22278	100	0.00%	0.00%	165	141	165	165.06376	Achieved		100
5190	5355	84.05479	84.22927	84.22927	100	0.00%	0.00%	165	141	165	165.06379	Achieved		100
5200	5365	84.22031	84.23865	84.23865	100	0.00%	0.00%	165	141	165	165.0643	Achieved		100
5210	5375	84.34733	84.25124	84.25124	100	0.00%	0.00%	165	141	165	165.06571	Achieved		100
5220	5385	84.47181	84.27433	84.27433	100	0.00%	0.00%	165	141	165	165.06408	Achieved		100
5230	5395	84.58123	84.27687	84.27687	100	0.00%	0.00%	165	141	165	165.06059	Achieved		100
5240	5405	84.66993	84.27677	84.27677	100	0.00%	0.00%	165	141	165	165.05781	Achieved		100
5250	5415	84.73986	84.26781	84.26781	100	0.00%	0.00%	165	141	165	165.05574	Achieved		100
5260	5425	84.79903	84.26424	84.26424	100	0.00%	0.00%	165	141	165	165.06045	Achieved		100
5270	5435	84.8631	84.2592	84.2592	100	0.00%	0.00%	165	141	165	165.07044	Achieved		100
5280	5445	84.9109	84.23278	84.23278	100	0.00%	0.00%	165	141	165	165.07478	Achieved		100
5290	5455	84.96786	84.19021	84.19021	100	0.00%	0.00%	165	141	165	165.07025	Achieved		100
5300	5465	85.02724	84.16519	84.16519	100	0.00%	0.00%	165	141	165	165.06679	Achieved		100
5310	5475	85.0694	84.18212	84.18212	100	0.00%	0.00%	165	141	165	165.07093	Achieved		100
5320	5485	85.10266	84.21532	84.21532	100	0.00%	0.00%	165	141	165	165.07477	Achieved		100
5330	5495	85.11801	84.22436	84.22436	100	0.00%	0.00%	165	141	165	165.07123	Achieved		100
5340	5505	85.1258	84.24385	84.24385	100	0.00%	0.00%	165	141	165	165.06243	Achieved		100
5350	5515	85.12225	84.22183	84.22183	100	0.00%	0.00%	165	141	165	165.0539	Achieved		100
5360	5525	85.13485	84.18176	84.18176	100	0.00%	0.00%	165	141	165	165.05086	Achieved		100
5370	5535	85.14512	84.14218	84.14218	100	0.00%	0.00%	165	141	165	165.05043	Achieved		100
5380	5545	85.16256	84.11776	84.11776	100	0.00%	0.00%	165	141	165	165.05049	Achieved		100
5390	5555	85.1689	84.09198	84.09198	100	0.00%	0.00%	165	141	165	165.05469	Achieved		100
5400	5565	85.1715	84.07055	84.07055	100	0.00%	0.00%	165	141	165	165.05978	Achieved		100
5410	5575	85.17813	84.05448	84.05448	100	0.00%	0.00%	165	141	165	165.06258	Achieved		100
5420	5585	85.16348	84.01274	84.01274	100	0.00%	0.00%	165	141	165	165.06831	Achieved		100
5430	5595	85.16588	83.97005	83.97005	100	0.00%	0.00%	165	141	165	165.06906	Achieved		100
5440	5605	85.15515	83.94426	83.94426	100	0.00%	0.00%	165	141	165	165.06817	Achieved		100
5450	5615	85.10968	83.94927	83.94927	100	0.00%	0.00%	165	141	165	165.07536	Achieved		100
5460	5625	85.07305	83.93742	83.93742	100	0.00%	0.00%	165	141	165	165.0778	Achieved		100
5470	5635	85.06252	83.92328	83.92328	100	0.00%	0.00%	165	141	165	165.06587	Achieved		100
5480	5645	85.1073	83.892	83.892	100	0.00%	0.00%	165	141	165	165.0633	Achieved		100
5490	5655	85.11757	83.88462	83.88462	100	0.00%	0.00%	165	141	165	165.05027	Achieved		100
5500	5665	85.1304	83.84003	83.84003	100	0.00%	0.00%	165	141	165	165.05468	Achieved		100
5510	5675	85.13654	83.79109	83.79109	100	0.00%	0.00%	165	141	165	165.05051	Achieved		100
5520	5685	85.10261	83.80607	83.80607	100	0.00%	0.00%	165	141	165	165.05296	Achieved		100
5530	5695	85.058	83.82027	83.82027	100	0.00%	0.00%	165	141	165	165.05795	Achieved		100
5540	5705	85.02856	83.84434	83.84434	100	0.00%	0.00%	165	141	165	165.05782	Achieved		100
5550	5715	85.00519	83.90331	83.90331	100	0.00%	0.00%	165	141	165	165.05334	Achieved		100
5560	5725	84.97602	84.00564	84.00564	100	0.00%	0.00%	165	141	165	165.05392	Achieved		100
5570	5735	84.96406	84.15487	84.15487	100	0.00%	0.00%	165	141	165	165.06526	Achieved		100
5580	5745	84.94141	84.31984	84.31984	100	0.00%	0.00%	165	141	165	165.07492	Achieved		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)
5590	5755	84.89264	84.47881	84.47881	100	0.00%	0.00%	165	141	165	165.07408	Achieved		100
5600	5765	84.85505	84.61579	84.61579	100	0.00%	0.00%	165	141	165	165.07845	Achieved		100
5610	5775	84.84324	84.78668	84.78668	100	0.00%	0.00%	165	141	165	165.09737	Achieved		100
5620	5785	84.85331	84.98549	84.98549	100	0.00%	0.00%	165	141	165	165.07779	Achieved		100
5630	5795	84.82961	85.19079	85.19079	100	0.00%	0.00%	165	141	165	165.06777	Achieved		100
5640	5805	84.8061	85.40439	85.40439	100	0.00%	0.00%	165	141	165	165.06188	Achieved		100
5650	5815	84.77733	85.61781	85.61781	100	0.00%	0.00%	165	141	165	165.05325	Achieved		100
5660	5825	84.78094	85.85502	85.85502	100	0.00%	0.00%	165	141	165	165.05054	Achieved		100
5670	5835	84.7028	86.11533	86.11533	100	0.00%	0.00%	165	141	165	165.05155	Achieved		100
5680	5845	84.69586	86.3377	86.3377	100	0.00%	0.00%	165	141	165	165.05751	Achieved		100
5690	5855	84.71325	86.52815	86.52815	100	0.00%	0.00%	165	141	165	165.05834	Achieved		100
5700	5865	84.72722	86.7195	86.7195	100	0.00%	0.00%	165	141	165	165.0603	Achieved		100
5710	5875	84.77021	86.88975	86.88975	100	0.00%	0.00%	165	141	165	165.06861	Achieved		100
5720	5885	84.85014	87.05468	87.05468	100	0.00%	0.00%	165	141	165	165.07636	Achieved		100
5730	5895	84.97637	87.21496	87.21496	100	0.00%	0.00%	165	141	165	165.07636	Achieved		100
5740	5905	85.13597	87.33703	87.33703	100	0.00%	0.00%	165	141	165	165.07387	Achieved		100
5750	5915	85.30274	87.47106	87.47106	100	0.00%	0.00%	165	141	165	165.0786	Achieved		100
5760	5925	85.44846	87.58178	87.58178	100	0.00%	0.00%	165	141	165	165.07854	Achieved		100
5770	5935	85.59821	87.68474	87.68474	100	0.00%	0.00%	165	141	165	165.05841	Achieved		100
5780	5945	85.78426	87.76378	87.76378	100	0.00%	0.00%	165	141	165	165.03905	Achieved		100
5790	5955	85.98734	87.81233	87.81233	100	0.00%	0.00%	165	141	165	165.04374	Achieved		100
5800	5965	86.19871	87.8836	87.8836	100	0.00%	0.00%	165	141	165	165.05519	Achieved		100
5810	5975	86.40941	87.95087	87.95087	100	0.00%	0.00%	165	141	165	165.05713	Achieved		100
5820	5985	86.63158	88.00235	88.00235	100	0.00%	0.00%	165	141	165	165.05548	Achieved		100
5830	5995	86.88445	88.04	88.04	100	0.00%	0.00%	165	141	165	165.05882	Achieved		100
5840	6005	87.13662	88.0685	88.0685	100	0.00%	0.00%	165	141	165	165.06212	Achieved		100
5850	6015	87.33744	88.07903	88.07903	100	0.00%	0.00%	165	141	165	165.06612	Achieved		100
5860	6025	87.52415	88.08587	88.08587	100	0.00%	0.00%	165	141	165	165.06734	Achieved		100
5870	6035	87.7071	88.09293	88.09293	100	0.00%	0.00%	165	141	165	165.06378	Achieved		100
5880	6045	87.86918	88.13829	88.13829	100	0.00%	0.00%	165	141	165	165.05774	Achieved		100
5890	6055	88.03427	88.19647	88.19647	100	0.00%	0.00%	165	141	165	165.05168	Achieved		100
5900	6065	88.1852	88.23945	88.23945	100	0.00%	0.00%	165	141	165	165.04405	Achieved		100
5910	6075	88.31712	88.25628	88.25628	100	0.00%	0.00%	165	141	165	165.03477	Achieved		100
5920	6085	88.42613	88.32055	88.32055	100	0.00%	0.00%	165	141	165	165.0316	Achieved		100
5930	6095	88.53614	88.34848	88.34848	100	0.00%	0.00%	165	141	165	165.03704	Achieved		100
5940	6105	88.63084	88.384	88.384	100	0.00%	0.00%	165	141	165	165.0382	Achieved		100
5950	6115	88.68917	88.40591	88.40591	100	0.00%	0.00%	165	141	165	165.03058	Achieved		100
5960	6125	88.74808	88.37283	88.37283	100	0.00%	0.00%	165	141	165	165.0284	Achieved		100
5970	6135	88.82032	88.34666	88.34666	100	0.00%	0.00%	165	141	165	165.0341	Achieved		100
5980	6145	88.87781	88.33908	88.33908	100	0.00%	0.00%	165	141	165	165.03259	Achieved		100
5990	6155	88.9192	88.28621	88.28621	100	0.00%	0.00%	165	141	165	165.02291	Achieved		100
6000	6165	88.95852	88.20082	88.20082	100	0.00%	0.00%	165	141	165	165.01598	Achieved		100
6010	6175	88.97484	88.09533	88.09533	100	0.00%	0.00%	165	141	165	165.01331	Achieved		100
6020	6185	88.98324	87.99026	87.99026	100	0.00%	0.00%	165	141	165	165.01276	Achieved		100
6030	6195	88.98162	87.87224	87.87224	100	0.00%	0.00%	165	141	165	165.01067	Achieved		100
6040	6205	89.01151	87.72614	87.72614	100	0.00%	0.00%	165	141	165	164.99969	Achieved		100
6050	6215	89.07013	87.55636	87.55636	100	0.00%	0.00%	165	141	165	164.99069	Achieved		100
6060	6225	89.12138	87.36529	87.36529	100	0.00%	0.00%	165	141	165	164.98151	Achieved		100
6070	6235	89.14177	87.90153	87.1698	100	0.00%	0.00%	165	141	103.75908	103.75718	Not Achieved		80
6080	6245	89.18679	87.79698	86.96346	100	0.00%	0.00%	165	141	103.11712	103.11978	Not Achieved		80
6090	6255	89.24037	86.80393	86.80393	100	0.00%	0.00%	165	141	165	164.95472	Achieved		100
6100	6265	89.26353	86.67237	86.67237	100	0.00%	0.00%	165	141	165	164.94161	Achieved		100
6110	6275	89.28955	86.57438	86.57438	100	0.00%	0.00%	165	141	165	164.92537	Achieved		100
6120	6285	89.28518	86.5172	86.5172	100	0.00%	0.00%	165	141	165	164.90542	Achieved		100
6130	6295	89.25801	86.46154	86.46154	100	0.00%	0.00%	165	141	165	164.88276	Achieved		100
6140	6305	89.23978	86.456	86.456	100	0.00%	0.00%	165	141	165	164.86874	Achieved		100
6150	6315	89.221	86.48143	86.48143	100	0.00%	0.00%	165	141	165	164.86525	Achieved		100
6160	6325	89.14611	86.50857	86.50857	100	0.00%	0.00%	165	141	165	164.86014	Achieved		100
6170	6335	89.04683	86.53358	86.53358	100	0.00%	0.00%	165	141	165	164.85039	Achieved		100
6180	6345	88.94328	86.58083	86.58083	100	0.00%	0.00%	165	141	165	164.83921	Achieved		100
6190	6355	88.82849	86.63921	86.63921	100	0.00%	0.00%	165	141	165	164.82892	Achieved		100
6200	6365	88.70126	86.7084	86.7084	100	0.00%	0.00%	165	141	165	164.81572	Achieved		100
6210	6375	88.54931	86.79201	86.79201	100	0.00%	0.00%	165	141	165	164.83791	Achieved		100
6220	6385	88.36371	86.88034	86.88034	100	0.00%	0.00%	165	141	165	164.84807	Achieved		100
6230	6395	88.16883	86.97711	86.97711	100	0.00%	0.00%	165	141	165	164.86162	Achieved		100
6240	6405	87.95984	87.06403	87.06403	100	0.00%	0.00%	165	141	165	164.87543	Achieved		100
6250	6415	87.77928	87.11132	87.11132	100	0.00%	0.00%	165	141	165	164.88837	Achieved		100
6260	6425	87.63493	87.19894	87.19894	100	0.00%	0.00%	165	141	165	164.90185	Achieved		100
6270	6435	87.51338	87.23862	87.23862	100	0.00%	0.00%	165	141	165	164.91645	Achieved		100
6280	6445	87.44318	87.32466	87.32466	100	0.00%	0.00%	165	141	165	164.9303	Achieved		100
6290	6455	87.38818	87.42277	87.42277	100	0.00%	0.00%	165	141	165	164.94234	Achieved		100
6300	6465	87.35145	87.53111	87.53111	100	0.00%	0.00%	165	141	165	164.95042	Achieved		100
6310	6475	87.3693	87.63453	87.63453	100	0.00%	0.00%	165	141	165	164.95439	Achieved		100
6320	6485	87.39471	87.71459	87.71459	100	0.00%	0.00%	165	141	165	164.95879	Achieved		100
6330	6495	87.41987	87.83205	87.83205	100	0.00%	0.00%	165	141	165	164.96465	Achieved		100
6340	6505	87.45836	87.9893	87.9893	100	0.00%	0.00%	165	141	165	164.9698	Achieved		100
6350	6515	87.50807	88.17794	88.17794	100	0.00%	0.00%	165	141	165	164.97453	Achieved		100
6360	6525	87.57461	88.39804	88.39804	100	0.00%	0.00%	165	141	165	164.98011	Achieved		100
6370	6535	87.6475	88.69695	88.69695	100	0.00%	0.00%	165	141	165	164.98725	Achieved		100
6380	6545	87.73418	89.0567	89.0567	100	0.00%	0.00%	165	141	165	164.99646	Achieved		100
6390	6555	87.82827	89.4412	89.4412	100	0.00%	0.00%	165	141	165	165.00462	Achieved		100
6400	6565	87.92643	89.84368	89.84368	100	0.00%	0.00%	165	141	165	165.00711	Achieved		100
6410	6575	87.98649	90.3046	90.3046	100	0.00%	0.00%	165	141	165	165.00511	Achieved		100
6420	6585	88.05635	90.80612	90.80612	100	0.00%	0.00%	165	141	165	165.00159	Achieved		100
6430	6595	88.13608	91.30824	91.30824	100	0.00%	0.00%	165	141	165	164.99737	Achieved		100
6440	6605	88.19906	91.83226	91.83226	100	0.00%	0.00%	165	141	165	164.99288	Achieved		100
6450	6615	88.27054	92.3503	92.3503	100	0.00%	0.00%	165	141	165	164.9889	Achieved		100
6460	6625	88.37525	92.88773	92.88773	100	0.00%	0.00%	165	141	165	164.99013	Achieved		100
6470	6635	88.48275	93.41702	93.41702	100	0.00%	0.00%	165	141	165	164.99516	Achieved		100
6480	6645	88.57733	93.93472	93.93472	100	0.00%	0.00%	165	141	165	164.99973	Achieved		100
6490	6655	88.66646	94.44583	94.44583	100	0.00%	0.00%	165	141	165	165.00151	Achieved		100
6500	6665	88.80607	94.95424	94.95424	100	0.00%	0.00%	165	141	165	164.99727	Achieved		100
6510	6675	88.9799	95.44439	95.44439	100	0.00%	0.00%	165	141	165	164.98971	Achieved		100
6520	6685	89.1882	95.93434	95.93434	100	0.00%	0.00%	165	141	165	164.98292	Achieved		100
6530	6695	89.43401	96.42567	96.42567	100	0.00%	0.00%	165	141	165	164.97378	Achieved		100
6540	6705	89.7776	96.92144	96.92144	100	0.00%	0.00%	165	141	165	164.95444	Achieved		100
6550	6715	90.14705	97.42712	97.42712	100	0.00%	0.00%	165	141	165	164.92051	Achieved		100
6560	6725	90.54018	97.89247	97.89247	100	0.00%	0.00%	165	141	165	164.86921	Achieved		100
6570	6735	90.9596	98.32551	98.32551	100	0.00%	0.00%	165	141	165	164.80173	Achieved		100
6580	6745	91.43334	98.71762	98.71762	100	0.00%	0.00%	165	141	165	164.72575	Achieved		100
6590	6755	91.93628	99.08552	99.08552	100	0.00%	0.00%	165	141	165	164.64075	Achieved		100
6600	6765	92.46736	99.46164	99.46164	100	0.00%	0.00%	165	141	165	164.544	Achieved		100
6610	6775	92.99182	99.84379	99.84379	100	0.00%	0.00%	165	141	165	164.43481	Achieved		100
6620	6785	93.52014	100.229	100.229	100	0.00%	0.00%	165	141	165	164.3083	Achieved		100
6630	6795	94.05264	100.59184	100.59184	100	0.00%	0.00%	165	141	165	164.16629	Achieved		100
6640	6805	94.57499	100.95158	100.95158	100	0.00%	0.00%	165	141	165	164.01855	Achieved		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)
6650	6815	95.08867	101.31318	101.31318	100	0.00%	0.00%	165	141	165	163.87426	Achieved		100
6660	6825	95.60058	101.65862	101.65862	100	0.00%	0.00%	165	141	165	163.74708	Achieved		100
6670	6835	96.09869	101.99625	101.99625	100	0.00%	0.00%	165	141	165	163.64436	Achieved		100
6680	6845	96.58873	102.34004	102.34004	100	0.00%	0.00%	165	141	165	163.57036	Achieved		100
6690	6855	97.08397	102.68337	102.68337	100	0.00%	0.00%	165	141	165	163.53476	Achieved		100
6700	6865	97.57182	103.04728	103.04728	100	0.00%	0.00%	165	141	165	163.54913	Achieved		100
6710	6875	98.07721	103.42601	103.42601	100	0.00%	0.00%	165	141	165	163.61427	Achieved		100
6720	6885	98.56701	103.82462	103.82462	100	0.00%	0.00%	165	141	165	163.72373	Achieved		100
6730	6895	99.00918	104.20539	104.20539	100	0.00%	0.00%	165	141	165	163.85923	Achieved		100
6740	6905	99.42742	104.56299	104.56299	100	0.00%	0.00%	165	141	165	163.99534	Achieved		100
6750	6915	99.80159	104.90699	104.90699	100	0.00%	0.00%	165	141	165	164.12662	Achieved		100
6760	6925	100.17164	105.29971	105.29971	100	0.00%	0.00%	165	141	165	164.2545	Achieved		100
6770	6935	100.55202	105.71466	105.71466	100	0.00%	0.00%	165	141	165	164.37663	Achieved		100
6780	6945	100.93851	106.14717	106.14717	100	0.00%	0.00%	165	141	165	164.48888	Achieved		100
6790	6955	101.31378	106.59197	106.59197	100	0.00%	0.00%	165	141	165	164.58704	Achieved		100
6800	6965	101.66993	107.03509	107.03509	100	0.00%	0.00%	165	141	165	164.6661	Achieved		100
6810	6975	102.03372	107.49773	107.49773	100	0.00%	0.00%	165	141	165	164.72498	Achieved		100
6820	6985	102.38874	108.02134	108.02134	100	0.00%	0.00%	165	141	165	164.76338	Achieved		100
6830	6995	102.72686	108.57816	108.57816	100	0.00%	0.00%	165	141	165	164.78258	Achieved		100
6840	7005	103.06511	109.1375	109.1375	100	0.00%	0.00%	165	141	165	164.78367	Achieved		100
6850	7015	103.42189	109.71887	109.71887	100	0.00%	0.00%	165	141	165	164.76848	Achieved		100
6860	7025	103.76256	110.3713	110.3713	100	0.00%	0.00%	165	141	165	164.74111	Achieved		100
6870	7035	104.13372	111.0637	111.0637	100	0.00%	0.00%	165	141	165	164.70312	Achieved		100
6880	7045	104.52588	111.75378	111.75378	100	0.00%	0.00%	165	141	165	164.65553	Achieved		100
6890	7055	104.9157	112.41954	112.41954	100	0.00%	0.00%	165	141	165	164.60017	Achieved		100
6900	7065	105.28866	113.09274	113.09274	100	0.00%	0.00%	165	141	165	164.5408	Achieved		100
6910	7075	105.63336	113.7623	113.7623	100	0.00%	0.00%	165	141	165	164.48075	Achieved		100
6920	7085	106.00726	114.43525	114.43525	100	0.00%	0.00%	165	141	165	164.42443	Achieved		100
6930	7095	106.40379	115.09431	115.09431	100	0.00%	0.00%	165	141	165	164.37596	Achieved		100
6940	7105	106.83076	115.77734	115.77734	100	0.00%	0.00%	165	141	165	164.34065	Achieved		100
6950	7115	107.27003	116.4771	116.4771	100	0.00%	0.00%	165	141	165	164.32252	Achieved		100
6960	7125	107.71469	117.16058	117.16058	100	0.00%	0.00%	165	141	165	164.32636	Achieved		100
6970	7135	108.15846	117.857	117.857	100	0.00%	0.00%	165	141	165	164.35402	Achieved		100
6980	7145	108.65154	118.52024	118.52024	100	0.00%	0.00%	165	141	165	164.40489	Achieved		100
6990	7155	109.19694	119.12396	119.12396	100	0.00%	0.00%	165	141	165	164.47204	Achieved		100
7000	7165	109.75735	119.66768	119.66768	100	0.00%	0.00%	165	141	165	164.53966	Achieved		100
7010	7175	110.32789	120.1985	120.1985	100	0.00%	0.00%	165	141	165	164.606	Achieved		100
7020	7185	110.93293	120.74675	120.74675	100	0.00%	0.00%	165	141	165	164.67743	Achieved		100
7030	7195	111.61609	121.26098	121.26098	100	0.00%	0.00%	165	141	165	164.75702	Achieved		100
7040	7205	112.30894	121.80447	121.80447	100	0.00%	0.00%	165	141	165	164.84947	Achieved		100
7050	7215	112.98576	122.33685	122.33685	100	0.00%	0.00%	165	141	165	164.93688	Achieved		100
7060	7225	113.65639	122.87285	122.87285	100	0.00%	0.00%	165	141	165	164.99163	Achieved		100
7070	7235	114.32463	123.36317	123.36317	100	0.00%	0.00%	165	141	165	165.00405	Achieved		100
7080	7245	114.99928	123.83125	123.83125	100	0.00%	0.00%	165	141	165	164.96795	Achieved		100
7090	7255	115.66436	124.25392	124.25392	100	0.00%	0.00%	165	141	165	164.87784	Achieved		100
7100	7265	116.32752	124.64565	124.64565	100	0.00%	0.00%	165	141	165	164.72999	Achieved		100
7110	7275	117.02886	124.98507	124.98507	100	0.00%	0.00%	165	141	165	164.52096	Achieved		100
7120	7285	117.7184	125.28408	125.28408	100	0.00%	0.00%	165	141	165	164.25281	Achieved		100
7130	7295	118.40622	122.09312	125.54981	100	0.00%	0.00%	165	141	84.59297	84.61012	Not Achieved		70
7140	7305	119.09924	122.2334	125.75447	100	0.00%	0.00%	165	141	77.02449	77.03912	Not Achieved		60
7150	7315	119.73257	122.25572	125.91349	100	0.00%	0.00%	165	141	66.42532	66.63283	Not Achieved		60
7160	7325	120.29027	122.30035	126.01838	100	0.00%	0.00%	165	141	56.73624	57.16338	Not Achieved		50
7170	7335	120.82788	122.38425	126.04533	100	0.00%	0.00%	165	141	47.85496	48.5172	Not Achieved		40
7180	7345	121.37714	122.55131	126.0223	100	0.00%	0.00%	165	141	40.17405	41.07052	Not Achieved		40
7190	7355	121.89253	122.88018	125.98514	100	0.00%	0.00%	165	141	38.29132	39.18704	Not Achieved		40
7200	7365	122.44405	123.22635	125.90982	100	0.00%	0.00%	165	141	35.7617	36.64117	Not Achieved		40
7210	7375	122.96018	123.60688	125.77246	100	0.00%	0.00%	165	141	36.40516	37.31539	Not Achieved		40
7220	7385	123.51473	123.99604	125.61041	100	0.00%	0.00%	165	141	36.35627	37.25435	Not Achieved		40
7230	7395	124.02496	124.36363	125.44618	100	0.00%	0.00%	165	141	37.74862	38.6416	Not Achieved		40
7240	7405	124.50526	124.67917	125.23532	100	0.00%	0.00%	165	141	37.76242	38.61998	Not Achieved		40
7250	7415	124.9456	124.95856	124.99921	100	0.00%	0.00%	165	141	38.34615	39.1903	Not Achieved		40
7260	7425	125.35264	125.20116	124.72349	100	0.00%	0.00%	165	141	38.18966	39.02723	Not Achieved		40
7270	7435	125.72396	125.42292	124.42377	100	0.00%	0.00%	165	141	36.70485	37.52964	Not Achieved		40
7280	7445	126.03993	125.58009	124.11129	100	0.00%	0.00%	165	141	37.74774	38.64816	Not Achieved		40
7290	7455	126.3246	125.6775	123.73617	100	0.00%	0.00%	165	141	39.4934	40.52706	Not Achieved		40
7300	7465	126.56014	125.72073	123.32827	100	0.00%	0.00%	165	141	41.23828	42.11377	Not Achieved		40
7310	7475	126.7424	125.75052	122.89016	100	0.00%	0.00%	165	141	40.985	41.76955	Not Achieved		40
7320	7485	126.87061	125.69825	122.42707	100	0.00%	0.00%	165	141	42.15458	42.83873	Not Achieved		40
7330	7495	126.94158	125.5956	121.90812	100	0.00%	0.00%	165	141	42.90591	43.48251	Not Achieved		40
7340	7505	126.93974	125.36152	121.3508	100	0.00%	0.00%	165	141	45.74263	46.00518	Not Achieved		40
7350	7515	126.90182	125.05359	120.80576	100	0.00%	0.00%	165	141	49.25781	49.49788	Not Achieved		50
7360	7525	126.85218	124.71627	120.25782	100	0.00%	0.00%	165	141	52.98538	52.99178	Not Achieved		50
7370	7535	126.74745	124.21204	119.66093	100	0.00%	0.00%	165	141	58.82772	58.65093	Not Achieved		50
7380	7545	126.5891	123.66179	119.05057	100	0.00%	0.00%	165	141	64.08669	63.7697	Not Achieved		60
7390	7555	126.43501	121.19736	118.46935	100	0.00%	0.00%	165	141	108.91925	108.1481	Not Achieved		80
7400	7565	126.24663	121.49037	117.85361	100	0.00%	0.00%	165	141	93.80092	93.32782	Not Achieved		70
7410	7575	126.01977	121.7689	117.24485	100	0.00%	0.00%	165	141	80.08108	79.86159	Not Achieved		60
7420	7585	125.76784	121.64462	116.59236	100	0.00%	0.00%	165	141	74.20849	74.1361	Not Achieved		60
7430	7595	125.47328	120.68104	115.93693	100	0.00%	0.00%	165	141	82.93173	82.94364	Not Achieved		70
7440	7605	125.17432	115.31828	115.31828	100	0.00%	0.00%	165	141	165	165.09332	Achieved		100
7450	7615	124.83032	114.6678	114.6678	100	0.00%	0.00%	165	141	165	165.09891	Achieved		100
7460	7625	124.43848	114.03779	114.03779	100	0.00%	0.00%	165	141	165	165.08552	Achieved		100
7470	7635	124.01009	113.37898	113.37898	100	0.00%	0.00%	165	141	165	165.06411	Achieved		100
7480	7645	123.57194	112.725	112.725	100	0.00%	0.00%	165	141	165	165.03929	Achieved		100
7490	7655	123.07204	112.09205	112.09205	100	0.00%	0.00%	165	141	165	165.01631	Achieved		100
7500	7665	122.53017	111.45995	111.45995	100	0.00%	0.00%	165	141	165	164.9991	Achieved		100
7510	7675	121.97843	110.84324	110.84324	100	0.00%	0.00%	165	141	165	164.9899	Achieved		100
7520	7685	121.43834	110.18457	110.18457	100	0.00%	0.00%	165	141	165	164.9943	Achieved		100
7530	7695	120.86435	109.50664	109.50664	100	0.00%	0.00%	165	141	165	164.99544	Achieved		100
7540	7705	120.2504	108.8603	108.8603	100	0.00%	0.00%	165	141	165	164.99209	Achieved		100
7550	7715	119.66342	108.23537	108.23537	100	0.00%	0.00%	165	141	165	164.98779	Achieved		100
7560	7725	119.06108	107.6361	107.6361	100	0.00%	0.00%	165	141	165	164.98321	Achieved		100
7570	7735	118.4487	107.06782	107.06782	100	0.00%	0.00%	165	141	165	164.98196	Achieved		100
7580	7745	117.82613	106.46448	106.46448	100	0.00%	0.00%	165	141	165	164.98766	Achieved		100
7590	7755	117.16564	105.82982	105.82982	100	0.00%	0.00%	165	141	165	164.99536	Achieved		100
7600	7765	116.52534	105.20376	105.20376	100	0.00%	0.00%	165	141	165	165.00084	Achieved		100
7610	7775	115.90863	104.56303	104.56303	100	0.00%	0.00%	165	141	165	165.00524	Achieved		100
7620	7785	115.2529	103.93222	103.93222	100	0.00%	0.00%	165	141	165	165.00774	Achieved		100
7630	7795	114.60983	103.34122	103.34122	100	0.00%	0.00%	165	141	165	165.00922	Achieved		100
7640	7805	113.94837	102.72617	102.72617	100	0.00%	0.00%	165	141	165	165.01224	Achieved		100
7650	7815	113.30982	102.09226	102.09226	100	0.00%	0.00%	165	141	165	165.01631	Achieved		100
7660	7825	112.67923	101.48501	101.48501	100	0.00%	0.00%	165	141	165	165.01939	Achieved		100
7670	7835	112.0557	100.86968	100.86968	100	0.00%	0.00%	165	141	165	165.0208	Achieved		100
7680	7845	111.41227	100.24967	100.24967	100	0.00%	0.00%	165	141	165	165.01883	Achieved		100
7690	7855	110.73968	99.61166	99.61166	100	0.00%	0.00%	165	141	165	165.00965	Achieved		100
7700	7865	110.07432	98.99563	98.99563	100	0.00%	0.00%	165	141	165	165.01166	Achieved		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)
7710	7875	109.44161	98.39502	98.39502	100	0.00%	0.00%	165	141	165	165.01987	Achieved		100
7720	7885	108.82978	97.82342	97.82342	100	0.00%	0.00%	165	141	165	165.03033	Achieved		100
7730	7895	108.25619	97.29261	97.29261	100	0.00%	0.00%	165	141	165	165.04065	Achieved		100
7740	7905	107.67485	96.73909	96.73909	100	0.00%	0.00%	165	141	165	165.04645	Achieved		100
7750	7915	107.04307	96.29035	96.29035	100	0.00%	0.00%	165	141	165	165.04906	Achieved		100
7760	7925	106.41418	95.85886	95.85886	100	0.00%	0.00%	165	141	165	165.05365	Achieved		100
7770	7935	105.77757	95.45163	95.45163	100	0.00%	0.00%	165	141	165	165.06014	Achieved		100
7780	7945	105.14818	95.06915	95.06915	100	0.00%	0.00%	165	141	165	165.06678	Achieved		100
7790	7955	104.51012	94.78657	94.78657	100	0.00%	0.00%	165	141	165	165.07141	Achieved		100
7800	7965	103.94525	94.53261	94.53261	100	0.00%	0.00%	165	141	165	165.07224	Achieved		100
7810	7975	103.30713	94.27087	94.27087	100	0.00%	0.00%	165	141	165	165.06858	Achieved		100
7820	7985	102.6874	94.03259	94.03259	100	0.00%	0.00%	165	141	165	165.06253	Achieved		100
7830	7995	102.07835	93.86442	93.86442	100	0.00%	0.00%	165	141	165	165.06053	Achieved		100
7840	8003	101.45998	93.76511	93.76511	100	0.00%	0.00%	165	141	165	165.0637	Achieved		100
7850	8015	100.83236	93.69705	93.69705	100	0.00%	0.00%	165	141	165	165.06708	Achieved		100
7860	8025	100.20025	93.67482	93.67482	100	0.00%	0.00%	165	141	165	165.06875	Achieved		100
7870	8035	99.5939	93.69459	93.69459	100	0.00%	0.00%	165	141	165	165.07407	Achieved		100
7880	8045	99.00725	93.73899	93.73899	100	0.00%	0.00%	165	141	165	165.07061	Achieved		100
7890	8055	98.45908	93.72254	93.72254	100	0.00%	0.00%	165	141	165	165.06038	Achieved		100
7900	8065	97.91389	93.52333	91.33154	100	0.00%	0.00%	165	141	110.05136	110.09608	Not Achieved		80
7910	8075	97.38957	93.80565	93.80565	100	0.00%	0.00%	165	141	165	165.0546	Achieved		100
7920	8085	96.97778	93.84022	93.84022	100	0.00%	0.00%	165	141	165	165.05156	Achieved		100
7930	8095	96.55585	93.89488	93.89488	100	0.00%	0.00%	165	141	165	165.04719	Achieved		100
7940	8105	96.15344	93.94382	93.94382	100	0.00%	0.00%	165	141	165	165.04327	Achieved		100
7950	8115	95.8198	93.98681	93.98681	100	0.00%	0.00%	165	141	165	165.03888	Achieved		100
7960	8125	95.55481	94.06459	94.06459	100	0.00%	0.00%	165	141	165	165.032	Achieved		100
7970	8135	95.30804	94.13864	94.13864	100	0.00%	0.00%	165	141	165	165.02458	Achieved		100
7980	8145	95.04327	94.2069	94.2069	100	0.00%	0.00%	165	141	165	165.02119	Achieved		100
7990	8155	94.84196	94.28134	94.28134	100	0.00%	0.00%	165	141	165	165.01935	Achieved		100
8000	8165	94.70628	94.37686	94.37686	100	0.00%	0.00%	165	141	165	165.01156	Achieved		100
8010	8175	94.62218	94.49701	94.49701	100	0.00%	0.00%	165	141	165	164.9994	Achieved		100
8020	8185	94.5743	94.63429	94.63429	100	0.00%	0.00%	165	141	165	165.00676	Achieved		100
8030	8195	94.57949	94.7872	94.7872	100	0.00%	0.00%	165	141	165	164.97741	Achieved		100
8040	8205	94.61683	94.97529	94.97529	100	0.00%	0.00%	165	141	165	164.96629	Achieved		100
8050	8215	94.63736	95.19814	95.19814	100	0.00%	0.00%	165	141	165	164.95904	Achieved		100
8060	8225	92.29614	92.42976	95.40797	100	0.00%	0.00%	165	141	7.08258	7.08264	Not Achieved		FALSE
8070	8235	94.68619	95.60679	95.60679	100	0.00%	0.00%	165	141	165	164.91697	Achieved		100
8080	8245	94.71543	95.82604	95.82604	100	0.00%	0.00%	165	141	165	164.88425	Achieved		100
8090	8255	94.76637	96.07463	96.07463	100	0.00%	0.00%	165	141	165	164.84574	Achieved		100
8100	8265	94.82155	96.31827	96.31827	100	0.00%	0.00%	165	141	165	164.80037	Achieved		100
8110	8275	94.86115	96.54473	96.54473	100	0.00%	0.00%	165	141	165	164.74602	Achieved		100
8120	8285	94.92475	96.76536	96.76536	100	0.00%	0.00%	165	141	165	164.68081	Achieved		100
8130	8295	95.00342	96.99089	96.99089	100	0.00%	0.00%	165	141	165	164.60208	Achieved		100
8140	8305	95.07352	97.22923	97.22923	100	0.00%	0.00%	165	141	165	164.49998	Achieved		100
8150	8315	95.14126	97.49179	97.49179	100	0.00%	0.00%	165	141	165	164.36989	Achieved		100
8160	8325	95.2253	97.74878	97.74878	100	0.00%	0.00%	165	141	165	164.27088	Achieved		100
8170	8335	95.33445	97.99938	97.99938	100	0.00%	0.00%	165	141	165	164.19476	Achieved		100
8180	8345	95.46224	98.24097	98.24097	100	0.00%	0.00%	165	141	165	164.1339	Achieved		100
8190	8355	95.61144	98.50441	98.50441	100	0.00%	0.00%	165	141	165	164.08512	Achieved		100
8200	8365	95.77231	98.79025	98.79025	100	0.00%	0.00%	165	141	165	164.05607	Achieved		100
8210	8375	95.98615	99.09243	99.09243	100	0.00%	0.00%	165	141	165	164.04696	Achieved		100
8220	8385	96.20554	99.41334	99.41334	100	0.00%	0.00%	165	141	165	164.06334	Achieved		100
8230	8395	96.40686	99.74886	99.74886	100	0.00%	0.00%	165	141	165	164.09864	Achieved		100
8240	8405	96.61235	100.06563	100.06563	100	0.00%	0.00%	165	141	165	164.15672	Achieved		100
8250	8415	96.84814	100.39824	100.39824	100	0.00%	0.00%	165	141	165	164.23333	Achieved		100
8260	8425	97.09939	100.73796	100.73796	100	0.00%	0.00%	165	141	165	164.31213	Achieved		100
8270	8435	97.33357	101.1097	101.1097	100	0.00%	0.00%	165	141	165	164.39325	Achieved		100
8280	8445	97.55468	101.46271	101.46271	100	0.00%	0.00%	165	141	165	164.49415	Achieved		100
8290	8455	97.77737	101.80379	101.80379	100	0.00%	0.00%	165	141	165	164.60599	Achieved		100
8300	8465	98.00672	102.16908	102.16908	100	0.00%	0.00%	165	141	165	164.70314	Achieved		100
8310	8475	98.26144	102.54924	102.54924	100	0.00%	0.00%	165	141	165	164.78023	Achieved		100
8320	8485	98.52146	102.92285	102.92285	100	0.00%	0.00%	165	141	165	164.82471	Achieved		100
8330	8495	98.77498	103.27739	103.27739	100	0.00%	0.00%	165	141	165	164.8726	Achieved		100
8340	8505	99.01745	103.66863	103.66863	100	0.00%	0.00%	165	141	165	164.90455	Achieved		100
8350	8515	99.26798	104.05106	104.05106	100	0.00%	0.00%	165	141	165	164.94023	Achieved		100
8360	8525	99.54797	104.45018	104.45018	100	0.00%	0.00%	165	141	165	164.97682	Achieved		100
8370	8535	99.83816	104.84903	104.84903	100	0.00%	0.00%	165	141	165	165.01018	Achieved		100
8380	8545	100.14998	105.23651	105.23651	100	0.00%	0.00%	165	141	165	165.03726	Achieved		100
8390	8555	100.48221	105.66228	105.66228	100	0.00%	0.00%	165	141	165	165.05945	Achieved		100
8400	8565	100.80874	106.03641	106.03641	100	0.00%	0.00%	165	141	165	165.07287	Achieved		100
8410	8575	101.12963	106.38631	106.38631	100	0.00%	0.00%	165	141	165	165.07305	Achieved		100
8420	8585	101.4659	106.70968	106.70968	100	0.00%	0.00%	165	141	165	165.06724	Achieved		100
8430	8595	101.82412	107.01987	107.01987	100	0.00%	0.00%	165	141	165	165.06706	Achieved		100
8440	8605	102.18802	107.32713	107.32713	100	0.00%	0.00%	165	141	165	165.06927	Achieved		100
8450	8615	102.53099	107.62913	107.62913	100	0.00%	0.00%	165	141	165	165.05985	Achieved		100
8460	8625	102.88711	107.91644	107.91644	100	0.00%	0.00%	165	141	165	165.0462	Achieved		100
8470	8635	103.25655	108.20112	108.20112	100	0.00%	0.00%	165	141	165	165.03973	Achieved		100
8480	8645	103.63731	108.51396	108.51396	100	0.00%	0.00%	165	141	165	165.0369	Achieved		100
8490	8655	104.00339	108.87064	108.87064	100	0.00%	0.00%	165	141	165	165.0308	Achieved		100
8500	8665	104.36359	109.25566	109.25566	100	0.00%	0.00%	165	141	165	165.02816	Achieved		100
8510	8675	104.76988	109.67531	109.67531	100	0.00%	0.00%	165	141	165	165.03357	Achieved		100
8520	8685	105.14552	110.13152	110.13152	100	0.00%	0.00%	165	141	165	165.04437	Achieved		100
8530	8695	105.55358	110.60943	110.60943	100	0.00%	0.00%	165	141	165	165.05404	Achieved		100
8540	8705	105.95263	111.10839	111.10839	100	0.00%	0.00%	165	141	165	165.06102	Achieved		100
8550	8715	106.35914	111.65148	111.65148	100	0.00%	0.00%	165	141	165	165.06626	Achieved		100
8560	8725	106.75549	112.18804	112.18804	100	0.00%	0.00%	165	141	165	165.06762	Achieved		100
8570	8735	107.11443	112.75609	112.75609	100	0.00%	0.00%	165	141	165	165.06475	Achieved		100
8580	8745	107.44911	113.30627	113.30627	100	0.00%	0.00%	165	141	165	165.25587	Achieved		100
8590	8755	107.7668	113.78934	113.78934	100	0.00%	0.00%	165	141	165	165.26102	Achieved		100
8600	8765	108.07298	114.2782	114.2782	100	0.00%	0.00%	165	141	165	165.25738	Achieved		100
8610	8775	108.37943	114.73864	114.73864	100	0.00%	0.00%	165	141	165	165.23888	Achieved		100
8620	8785	108.6738	115.19474	115.19474	100	0.00%	0.00%	165	141	165	165.21969	Achieved		100
8630	8795	108.95727	115.63721	115.63721	100	0.00%	0.00%	165	141	165	165.20709	Achieved		100
8640	8805	109.2538	116.08011	116.08011	100	0.00%	0.00%	165	141	165	165.20062	Achieved		100
8650	8815	109.58942	116.47442	116.47442	100	0.00%	0.00%	165	141	165	165.1983	Achieved		100
8660	8825	109.95784	116.8565	116.8565	100	0.00%	0.00%	165	141	165	165.19664	Achieved		100
8670	8835	110.36226	117.23468	117.23468	100	0.00%	0.00%	165	141	165	165.19571	Achieved		100
8680	8845	110.79886	117.57678	117.57678	100	0.00%	0.00%	165	141	165	165.19403	Achieved		100
8690	8855	111.26768	117.90901	117.90901	100	0.00%	0.00%	165	141	165	165.19004	Achieved		100
8700	8865	111.75338	115.71278	118.2133	100	0.00%	0.00%	165	141	101.03575	101.22551	Not Achieved	VA	80
8710	8875	112.27226	115.93555	118.54125	100	0.00%	0.00%	165	141	96.86172	97.05135	Not Achieved	VA	70
8720	8885	112.83016	118.89753	118.89753	100	0.00%	0.00%	165	141	165	165.18008	Achieved		100
8730	8895	113.36155	119.25345	119.25345	100	0.00%	0.00%	165	141	165	165.17845	Achieved		100
8740	8905	113.93598	119.64322	119.64322	100	0.00%	0.00%	165	141	165	165.17306	Achieved		100
8750	8915	114.45139	120.04902	120.04902	100	0.00%	0.00%	165	141	165	164.97539	Achieved		100
8760	8925	114.93594	120.48974	120.48974	100	0.00%	0.00%	165	141	165	164.96347	Achieved		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)
8770	8935	115.41193	120.95001	120.95001	100	0.00%	0.00%	165	141	165	164.95006	Achieved		100
8780	8945	115.86828	121.39149	121.39149	100	0.00%	0.00%	165	141	165	164.91586	Achieved		100
8790	8955	116.30778	121.86454	121.86454	100	0.00%	0.00%	165	141	165	164.8601	Achieved		100
8800	8965	116.76883	122.34238	122.34238	100	0.00%	0.00%	165	141	165	164.79791	Achieved		100
8810	8975	117.18049	122.82016	122.82016	100	0.00%	0.00%	165	141	165	164.72736	Achieved		100
8820	8985	117.56371	123.29518	123.29518	100	0.00%	0.00%	165	141	165	164.63775	Achieved		100
8830	8995	117.9508	123.73719	123.73719	100	0.00%	0.00%	165	141	165	164.52743	Achieved		100
8840	9005	118.309	124.15876	124.15876	100	0.00%	0.00%	165	141	165	164.40103	Achieved		100
8850	9015	118.64392	124.62991	124.62991	100	0.00%	0.00%	165	141	165	164.25957	Achieved		100
8860	9025	118.9619	125.09812	125.09812	100	0.00%	0.00%	165	141	165	164.10168	Achieved		100
8870	9035	119.2745	125.53298	125.53298	100	0.00%	0.00%	165	141	165	163.92958	Achieved		100
8880	9045	119.61748	125.95745	125.95745	100	0.00%	0.00%	165	141	165	163.75115	Achieved		100
8890	9055	119.97323	126.35067	126.35067	100	0.00%	0.00%	165	141	165	163.57436	Achieved		100
8900	9065	120.34456	126.71598	126.71598	100	0.00%	0.00%	165	141	165	163.4075	Achieved		100
8910	9075	120.74396	127.04681	127.04681	100	0.00%	0.00%	165	141	165	163.26623	Achieved		100
8920	9085	121.16393	125.32379	127.36304	100	0.00%	0.00%	165	141	111.05922	109.50277	Not Achieved	VA	80
8930	9095	121.62254	125.21615	127.66472	100	0.00%	0.00%	165	141	98.44878	97.04771	Not Achieved	VA	70
8940	9105	122.06645	125.18376	127.94442	100	0.00%	0.00%	165	141	87.57813	86.36055	Not Achieved	VA	70
8950	9115	122.52769	125.25136	128.22406	100	0.00%	0.00%	165	141	78.99451	78.07898	Not Achieved	VA	60
8960	9125	123.00334	125.3954	128.50894	100	0.00%	0.00%	165	141	71.66927	70.99532	Not Achieved	VA	60
8970	9135	123.48074	125.5858	128.77956	100	0.00%	0.00%	165	141	65.56021	64.97021	Not Achieved	VA	60
8980	9145	123.96051	126.4443	129.01332	100	0.00%	0.00%	165	141	81.45518	80.47201	Not Achieved	VA	60
8990	9155	124.4215	127.08318	129.21217	100	0.00%	0.00%	165	141	92.13616	91.05226	Not Achieved	VA	70
9000	9165	124.84379	127.14819	129.38518	100	0.00%	0.00%	165	141	84.13487	83.2483	Not Achieved	VA	70
9010	9175	125.28968	127.24287	129.56039	100	0.00%	0.00%	165	141	75.79117	75.11333	Not Achieved	VA	60
9020	9185	125.77003	129.73415	129.73415	100	0.00%	0.00%	165	141	165	164.40349	Achieved		100
9030	9195	126.21713	129.93716	129.93716	100	0.00%	0.00%	165	141	165	164.53602	Achieved		100
9040	9205	126.64708	130.10891	130.10891	100	0.00%	0.00%	165	141	165	164.69322	Achieved		100
9050	9215	127.05718	130.25537	130.25537	100	0.00%	0.00%	165	141	165	164.81283	Achieved		100
9060	9225	127.43761	130.36572	130.36572	100	0.00%	0.00%	165	141	165	164.91325	Achieved		100
9070	9235	127.78527	130.47734	130.47734	100	0.00%	0.00%	165	141	165	164.99085	Achieved		100
9080	9245	128.10451	130.60551	130.60551	100	0.00%	0.00%	165	141	165	165.03311	Achieved		100
9090	9255	128.41671	130.78116	130.78116	100	0.00%	0.00%	165	141	165	165.03636	Achieved		100
9100	9265	128.70598	131.01081	131.01081	100	0.00%	0.00%	165	141	165	165.01859	Achieved		100
9110	9275	128.98383	131.26948	131.26948	100	0.00%	0.00%	165	141	165	164.9942	Achieved		100
9120	9285	129.26599	131.5227	131.5227	100	0.00%	0.00%	165	141	165	164.95584	Achieved		100
9130	9295	129.54871	131.7891	131.7891	100	0.00%	0.00%	165	141	165	164.89028	Achieved		100
9140	9305	129.80027	132.07859	132.07859	100	0.00%	0.00%	165	141	165	164.80742	Achieved		100
9150	9315	130.01699	132.36928	132.36928	100	0.00%	0.00%	165	141	165	164.72547	Achieved		100
9160	9325	130.20158	132.60586	132.60586	100	0.00%	0.00%	165	141	165	164.64702	Achieved		100
9170	9335	130.36884	132.82885	132.82885	100	0.00%	0.00%	165	141	165	164.56375	Achieved		100
9180	9345	130.55551	133.09428	133.09428	100	0.00%	0.00%	165	141	165	164.48045	Achieved		100
9190	9355	130.74682	133.40165	133.40165	100	0.00%	0.00%	165	141	165	164.41319	Achieved		100
9200	9365	130.92655	133.74593	133.74593	100	0.00%	0.00%	165	141	165	164.38238	Achieved		100
9210	9375	131.08668	134.10079	134.10079	100	0.00%	0.00%	165	141	165	164.38002	Achieved		100
9220	9385	131.21201	134.46013	134.46013	100	0.00%	0.00%	165	141	165	164.40777	Achieved		100
9230	9395	131.32	134.80113	134.80113	100	0.00%	0.00%	165	141	165	164.45056	Achieved		100
9240	9405	131.43903	135.11588	135.11588	100	0.00%	0.00%	165	141	165	164.49826	Achieved		100
9250	9415	131.58508	135.40128	135.40128	100	0.00%	0.00%	165	141	165	164.55035	Achieved		100
9260	9425	131.79061	135.68352	135.68352	100	0.00%	0.00%	165	141	165	164.61305	Achieved		100
9270	9435	132.03633	135.98243	135.98243	100	0.00%	0.00%	165	141	165	164.69767	Achieved		100
9280	9445	132.29995	136.28867	136.28867	100	0.00%	0.00%	165	141	165	164.79171	Achieved		100
9290	9455	132.5522	136.59616	136.59616	100	0.00%	0.00%	165	141	165	164.87583	Achieved		100
9300	9465	132.83226	136.92294	136.92294	100	0.00%	0.00%	165	141	165	164.94327	Achieved		100
9310	9475	133.123	137.26344	137.26344	100	0.00%	0.00%	165	141	165	165.00142	Achieved		100
9320	9485	133.39479	137.58955	137.58955	100	0.00%	0.00%	165	141	165	165.04564	Achieved		100
9330	9495	133.61815	137.86619	137.86619	100	0.00%	0.00%	165	141	165	165.06797	Achieved		100
9340	9505	133.84908	138.12101	138.12101	100	0.00%	0.00%	165	141	165	165.07788	Achieved		100
9350	9515	134.15227	138.3898	138.3898	100	0.00%	0.00%	165	141	165	165.06577	Achieved		100
9360	9525	134.4665	138.68439	138.68439	100	0.00%	0.00%	165	141	165	165.0879	Achieved		100
9370	9535	134.82153	139.00695	139.00695	100	0.00%	0.00%	165	141	165	165.07764	Achieved		100
9380	9545	135.18236	139.33552	139.33552	100	0.00%	0.00%	165	141	165	165.08107	Achieved		100
9390	9555	135.53217	139.65672	139.65672	100	0.00%	0.00%	165	141	165	165.07581	Achieved		100
9400	9565	135.86234	140.00871	140.00871	100	0.00%	0.00%	165	141	165	165.05614	Achieved		100
9410	9575	136.16179	140.38867	140.38867	100	0.00%	0.00%	165	141	165	165.03376	Achieved		100
9420	9585	136.43969	140.82892	140.82892	100	0.00%	0.00%	165	141	165	165.02453	Achieved		100
9430	9595	136.73144	141.2978	141.2978	100	0.00%	0.00%	165	141	165	165.02774	Achieved		100
9440	9605	137.03772	141.79349	141.79349	100	0.00%	0.00%	165	141	165	165.01795	Achieved		100
9450	9615	137.33868	142.30725	142.30725	100	0.00%	0.00%	165	141	165	165.00509	Achieved		100
9460	9625	137.63961	142.84867	142.84867	100	0.00%	0.00%	165	141	165	164.99886	Achieved		100
9470	9635	137.98709	143.37934	143.37934	100	0.00%	0.00%	165	141	165	165.00023	Achieved		100
9480	9645	138.33929	143.91865	143.91865	100	0.00%	0.00%	165	141	165	165.00173	Achieved		100
9490	9655	138.62925	144.4204	144.4204	100	0.00%	0.00%	165	141	165	165.00089	Achieved		100
9500	9665	138.89153	144.87287	144.87287	100	0.00%	0.00%	165	141	165	164.99804	Achieved		100
9510	9675	139.15463	145.36005	145.36005	100	0.00%	0.00%	165	141	165	164.99392	Achieved		100
9520	9685	139.43324	145.87844	145.87844	100	0.00%	0.00%	165	141	165	164.99352	Achieved		100
9530	9695	139.74533	146.41514	146.41514	100	0.00%	0.00%	165	141	165	165.00101	Achieved		100
9540	9705	140.07079	146.95485	146.95485	100	0.00%	0.00%	165	141	165	164.99516	Achieved		100
9550	9715	140.39223	147.52671	147.52671	100	0.00%	0.00%	165	141	165	164.9772	Achieved		100
9560	9725	140.73179	148.1118	148.1118	100	0.00%	0.00%	165	141	165	164.9699	Achieved		100
9570	9735	141.09041	148.68433	148.68433	100	0.00%	0.00%	165	141	165	164.97293	Achieved		100
9580	9745	141.50012	149.25342	149.25342	100	0.00%	0.00%	165	141	165	164.96839	Achieved		100
9590	9755	141.9642	149.81113	149.81113	100	0.00%	0.00%	165	141	165	164.95022	Achieved		100
9600	9765	142.44278	150.34542	150.34542	100	0.00%	0.00%	165	141	165	164.92317	Achieved		100
9610	9775	142.94623	150.83771	150.83771	100	0.00%	0.00%	165	141	165	164.89301	Achieved		100
9620	9785	143.47643	151.3593	151.3593	100	0.00%	0.00%	165	141	165	164.86645	Achieved		100
9630	9795	144.01556	151.84456	151.84456	100	0.00%	0.00%	165	141	165	164.83779	Achieved		100
9640	9805	144.54794	152.30323	152.30323	100	0.00%	0.00%	165	141	165	164.80162	Achieved		100
9650	9815	145.08268	152.75552	152.75552	100	0.00%	0.00%	165	141	165	164.75898	Achieved		100
9660	9825	145.54083	153.18708	153.18708	100	0.00%	0.00%	165	141	165	164.71028	Achieved		100
9670	9835	146.01463	153.60544	153.60544	100	0.00%	0.00%	165	141	165	164.65725	Achieved		100
9680	9845	146.51477	154.02169	154.02169	100	0.00%	0.00%	165	141	165	164.60509	Achieved		100
9690	9855	147.04669	154.42653	154.42653	100	0.00%	0.00%	165	141	165	164.55614	Achieved		100
9700	9865	147.58212	154.82365	154.82365	100	0.00%	0.00%	165	141	165	164.51769	Achieved		100
9710	9875	148.13777	155.2395	155.2395	100	0.00%	0.00%	165	141	165	164.49244	Achieved		100
9720	9885	148.7165	155.67578	155.67578	100	0.00%	0.00%	165	141	165	164.47593	Achieved		100
9730	9895	149.30358	156.15872	156.15872	100	0.00%	0.00%	165	141	165	164.46865	Achieved		100
9740	9905	149.86839	156.68348	156.68348	100	0.00%	0.00%	165	141	165	164.47336	Achieved		100
9750	9915	150.43479	157.23448	157.23448	100	0.00%	0.00%	165	141	165	164.49045	Achieved		100
9760	9925	150.97993	157.80747	157.80747	100	0.00%	0.00%	165	141	165	164.52362	Achieved		100
9770	9935	151.50703	158.38613	158.38613	100	0.00%	0.00%	165	141	165	164.56605	Achieved		100
9780	9945	152.00773	158.97154	158.97154	100	0.00%	0.00%	165	141	165	164.60284	Achieved		100
9790	9955	152.50586	159.53935	159.53935	100	0.00%	0.00%	165	141	165	164.63541	Achieved		100
9800	9965	152.97296	160.1579	160.1579	100	0.00%	0.00%	165	141	165	164.67597	Achieved		100
9810	9975	153.4335	160.82109	160.82109	100	0.00%	0.00%	165	141	165	164.72234	Achieved		100
9820	9985	153.87311	161.53287	161.53287	100	0.00%	0.00%	165	141	165	164.7639	Achieved		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)
9830	9995	154.2971	162.27296	162.27296	100	0.00%	0.00%	165	141	165	164.79926	Achieved		100
9840	10005	154.71373	163.06203	163.06203	100	0.00%	0.00%	165	141	165	164.83235	Achieved		100
9850	10015	155.12657	163.95516	163.95516	100	0.00%	0.00%	165	141	165	164.86015	Achieved		100
9860	10025	155.52487	164.90633	164.90633	100	0.00%	0.00%	165	141	165	164.88014	Achieved		100
9870	10035	155.92778	165.83465	165.83465	100	0.00%	0.00%	165	141	165	164.89588	Achieved		100
9880	10045	156.33564	166.83471	166.83471	100	0.00%	0.00%	165	141	165	164.91506	Achieved		100
9890	10055	156.80818	167.91441	167.91441	100	0.00%	0.00%	165	141	165	164.93332	Achieved		100
9900	10065	157.31758	168.93953	168.93953	100	0.00%	0.00%	165	141	165	164.94564	Achieved		100
9910	10075	157.85524	169.96763	169.96763	100	0.00%	0.00%	165	141	165	164.95411	Achieved		100
9920	10085	158.42069	171.02247	171.02247	100	0.00%	0.00%	165	141	165	164.9598	Achieved		100
9930	10095	158.99783	172.08626	172.08626	100	0.00%	0.00%	165	141	165	164.96111	Achieved		100
9940	10105	159.57577	173.16629	173.16629	100	0.00%	0.00%	165	141	165	164.95872	Achieved		100
9950	10115	160.16783	174.25141	174.25141	100	0.00%	0.00%	165	141	165	164.95268	Achieved		100
9960	10125	160.75249	175.29275	175.29275	100	0.00%	0.00%	165	141	165	164.93924	Achieved		100
9970	10135	161.38144	176.31988	176.31988	100	0.00%	0.00%	165	141	165	164.91935	Achieved		100
9980	10145	162.0721	177.34401	177.34401	100	0.00%	0.00%	165	141	165	164.89771	Achieved		100
9990	10155	162.79926	178.36172	178.36172	100	0.00%	0.00%	165	141	165	164.86627	Achieved		100
10000	10165	163.55521	179.37496	179.37496	100	0.00%	0.00%	165	141	165	164.80954	Achieved		100
10010	10175	164.4001	180.39438	180.39438	100	0.00%	0.00%	165	141	165	164.7054	Achieved		100
10020	10185	165.32874	181.39068	181.39068	100	0.00%	0.00%	165	141	165	164.60916	Achieved		100
10030	10195	166.27268	182.40048	182.40048	100	0.00%	0.00%	165	141	165	164.46445	Achieved		100
10040	10205	167.23019	183.43878	183.43878	100	0.00%	0.00%	165	141	165	164.30308	Achieved		100
10050	10215	168.28437	184.4813	184.4813	100	0.00%	0.00%	165	141	165	164.13373	Achieved		100
10060	10225	169.33292	185.54803	185.54803	100	0.00%	0.00%	165	141	165	163.98502	Achieved		100
10070	10235	170.34786	186.61166	186.61166	100	0.00%	0.00%	165	141	165	163.86551	Achieved		100
10080	10245	171.39363	187.68747	187.68747	100	0.00%	0.00%	165	141	165	163.76775	Achieved		100
10090	10255	172.45113	188.74825	188.74825	100	0.00%	0.00%	165	141	165	163.69466	Achieved		100
10100	10265	173.52355	189.76838	189.76838	100	0.00%	0.00%	165	141	165	163.64984	Achieved		100
10110	10275	174.61187	190.7569	190.7569	100	0.00%	0.00%	165	141	165	163.63978	Achieved		100
10120	10285	175.67439	191.73744	191.73744	100	0.00%	0.00%	165	141	165	163.67712	Achieved		100
10130	10295	176.70703	192.72641	192.72641	100	0.00%	0.00%	165	141	165	163.75673	Achieved		100
10140	10305	177.72913	193.72078	193.72078	100	0.00%	0.00%	165	141	165	163.86722	Achieved		100
10150	10315	178.75685	194.70533	194.70533	100	0.00%	0.00%	165	141	165	164.00303	Achieved		100
10160	10325	179.76686	195.68547	195.68547	100	0.00%	0.00%	165	141	165	164.15762	Achieved		100
10170	10335	180.78905	196.64242	196.64242	100	0.00%	0.00%	165	141	165	164.31905	Achieved		100
10180	10345	181.7936	197.55099	197.55099	100	0.00%	0.00%	165	141	165	164.4598	Achieved		100
10190	10355	182.79184	198.42827	198.42827	100	0.00%	0.00%	165	141	165	164.6008	Achieved		100
10200	10365	183.82172	199.30707	199.30707	100	0.00%	0.00%	165	141	165	164.70517	Achieved		100
10210	10375	184.85496	200.18521	200.18521	100	0.00%	0.00%	165	141	165	164.78323	Achieved		100
10220	10385	185.91432	201.06819	201.06819	100	0.00%	0.00%	165	141	165	164.83834	Achieved		100
10230	10395	186.98287	201.93924	201.93924	100	0.00%	0.00%	165	141	165	164.88058	Achieved		100
10240	10405	188.04917	202.7481	202.7481	100	0.00%	0.00%	165	141	165	164.92045	Achieved		100
10250	10415	189.12513	203.50479	203.50479	100	0.00%	0.00%	165	141	165	164.96044	Achieved		100
10260	10425	190.16307	200.1182	204.23983	100	0.00%	0.00%	165	141	116.73917	116.69076	Not Achieved	VA	80
10270	10435	191.16511	199.6965	204.97732	100	0.00%	0.00%	165	141	101.96952	101.94285	Not Achieved	VA	80
10280	10445	192.14744	199.45434	205.67749	100	0.00%	0.00%	165	141	89.15715	89.14783	Not Achieved	VA	70
10290	10455	193.1303	199.34393	206.29616	100	0.00%	0.00%	165	141	77.908	77.91417	Not Achieved	VA	60
10300	10465	194.12188	199.63203	206.87765	100	0.00%	0.00%	165	141	71.27475	71.29877	Not Achieved	VA	60
10310	10475	195.11836	200.19507	207.45197	100	0.00%	0.00%	165	141	67.86462	67.91474	Not Achieved	VA	60
10320	10485	196.09781	200.75414	208.00683	100	0.00%	0.00%	165	141	64.39146	64.47878	Not Achieved	VA	60
10330	10495	197.06878	201.41466	208.53746	100	0.00%	0.00%	165	141	62.31707	62.44914	Not Achieved	VA	50
10340	10505	198.00422	209.04351	209.04351	100	0.00%	0.00%	165	141	165	164.67528	Achieved		100
10350	10515	198.88967	209.53345	209.53345	100	0.00%	0.00%	165	141	165	164.54417	Achieved		100
10360	10525	199.76623	205.34444	209.97902	100	0.00%	0.00%	165	141	89.96317	89.80102	Not Achieved	HA/VA	70
10370	10535	200.64991	204.75219	210.38096	100	0.00%	0.00%	165	141	69.08541	69.25861	Not Achieved	HA/VA	60
10380	10545	201.52775	204.97263	210.78336	100	0.00%	0.00%	165	141	60.90236	61.09344	Not Achieved	HA/VA	50
10390	10555	202.40978	205.46569	211.15628	100	0.00%	0.00%	165	141	57.09731	57.31375	Not Achieved	HA/VA	50
10400	10565	203.25166	205.95383	211.4447	100	0.00%	0.00%	165	141	53.89617	54.08698	Not Achieved	HA/VA	50
10410	10575	204.03742	206.54361	211.66782	100	0.00%	0.00%	165	141	53.66516	53.86793	Not Achieved	HA/VA	50
10420	10585	204.77053	207.18358	211.90187	100	0.00%	0.00%	165	141	55.47904	55.52244	Not Achieved	HA/VA	50
10430	10595	205.50291	207.89771	212.11841	100	0.00%	0.00%	165	141	59.40452	59.44723	Not Achieved	HA/VA	50
10440	10605	206.23862	208.40614	212.30847	100	0.00%	0.00%	165	141	58.65842	58.69851	Not Achieved	HA/VA	50
10450	10615	206.89022	210.37462	212.46091	100	0.00%	0.00%	165	141	103.62265	102.91323	Not Achieved	HA/VA	80
10460	10625	207.48606	210.24008	212.56753	100	0.00%	0.00%	165	141	89.70232	89.25573	Not Achieved	HA/VA	70
10470	10635	208.0769	210.15114	212.63422	100	0.00%	0.00%	165	141	75.28304	75.00999	Not Achieved	HA/VA	60
10480	10645	208.63436	210.21927	212.69131	100	0.00%	0.00%	165	141	64.51115	64.42609	Not Achieved	HA/VA	60
10490	10655	209.17596	210.38717	212.71246	100	0.00%	0.00%	165	141	56.51782	56.51063	Not Achieved	HA/VA	50
10500	10665	209.69023	210.60233	212.70759	100	0.00%	0.00%	165	141	49.82778	49.89489	Not Achieved	HA/VA	50
10510	10675	210.19253	210.88165	212.65895	100	0.00%	0.00%	165	141	46.03376	46.13011	Not Achieved	HA/VA	40
10520	10685	210.67088	211.19719	212.59196	100	0.00%	0.00%	165	141	45.1212	45.23623	Not Achieved	HA/VA	40
10530	10695	211.06044	211.47768	212.56348	100	0.00%	0.00%	165	141	45.74723	45.82372	Not Achieved	HA/VA	40
10540	10705	211.48993	211.79047	212.50071	100	0.00%	0.00%	165	141	49.01742	49.0718	Not Achieved	HA/VA	50
10550	10715	211.87509	212.03191	212.38529	100	0.00%	0.00%	165	141	50.69424	50.7264	Not Achieved	HA/VA	50
10560	10725	212.20749	212.22074	212.2494	100	0.00%	0.00%	165	141	52.13027	52.14538	Not Achieved	HA/VA	50
10570	10735	212.46104	212.34837	212.11151	100	0.00%	0.00%	165	141	53.18431	53.18695	Not Achieved	HA/VA	50
10580	10745	212.68123	212.43226	211.9332	100	0.00%	0.00%	165	141	54.91671	54.91348	Not Achieved	HA/VA	50
10590	10755	212.90869	212.50207	211.79685	100	0.00%	0.00%	165	141	60.34156	60.34014	Not Achieved	HA/VA	50
10600	10765	213.1178	212.46107	211.65901	100	0.00%	0.00%	165	141	74.28585	74.27883	Not Achieved	HA/VA	60
10610	10775	213.29213	212.3595	211.50135	100	0.00%	0.00%	165	141	85.94015	85.93175	Not Achieved	HA/VA	70
10620	10785	213.42117	211.34867	211.34867	100	0.00%	0.00%	165	141	165	165.00137	Achieved		100
10630	10795	213.5003	211.22222	211.22222	100	0.00%	0.00%	165	141	165	165.00603	Achieved		100
10640	10805	213.56153	211.05736	211.05736	100	0.00%	0.00%	165	141	165	165.01622	Achieved		100
10650	10815	213.60464	210.88816	210.88816	100	0.00%	0.00%	165	141	165	165.03431	Achieved		100
10660	10825	213.61467	210.69814	210.69814	100	0.00%	0.00%	165	141	165	165.06183	Achieved		100
10670	10835	213.58544	210.54318	210.54318	100	0.00%	0.00%	165	141	165	165.06708	Achieved		100
10680	10845	213.52136	210.37065	210.37065	100	0.00%	0.00%	165	141	165	165.05413	Achieved		100
10690	10855	213.47579	210.17901	210.17901	100	0.00%	0.00%	165	141	165	165.04468	Achieved		100
10700	10865	213.44103	210.00312	210.00312	100	0.00%	0.00%	165	141	165	165.04436	Achieved		100
10710	10875	213.34586	209.82958	209.82958	100	0.00%	0.00%	165	141	165	165.0423	Achieved		100
10720	10885	213.22211	209.6541	209.6541	100	0.00%	0.00%	165	141	165	165.03651	Achieved		100
10730	10895	213.08425	209.46237	209.46237	100	0.00%	0.00%	165	141	165	165.03166	Achieved		100
10740	10905	212.91703	209.28679	209.28679	100	0.00%	0.00%	165	141	165	165.03379	Achieved		100
10750	10915	212.77055	209.08612	209.08612	100	0.00%	0.00%	165	141	165	165.04228	Achieved		100
10760	10925	212.62619	208.90084	208.90084	100	0.00%	0.00%	165	141	165	165.04675	Achieved		100
10770	10935	212.48376	208.68849	208.68849	100	0.00%	0.00%	165	141	165	165.04575	Achieved		100
10780	10945	212.32581	208.44917	208.44917	100	0.00%	0.00%	165	141	165	165.04736	Achieved		100
10790	10955	212.18203	208.13428	208.13428	100	0.00%	0.00%	165	141	165	165.05475	Achieved		100
10800	10965	212.03787	207.74959	207.74959	100	0.00%	0.00%	165	141	165	165.12467	Achieved		100
10810	10975	211.87598	208.71812	207.33096	100	0.00%	0.00%	165	141	114.67208	114.72413	Not Achieved	VA	80
10820	10985	211.69097	208.78314	206.93086	100	0.00%	0.00%	165	141	100.8228	100.85287	Not Achieved	VA	80
10830	10995	211.51995	208.76879	206.53649	100	0.00%	0.00%	165	141	91.48952	91.49685	Not Achieved	VA	70
10840	11005	211.36127	208.63269	206.26708	100	0.00%	0.00%	165	141	88.40898	88.41579	Not Achieved	VA	70
10850	11015	211.174	206.14383	206.14383	100	0.00%	0.00%	165	141	165	165.07628	Achieved		100
10860	11025	210.98946	206.23801	206.23801	100	0.00%	0.00%	165	141	165	165.07076	Achieved		100
10870	11035	210.81314	206.30576	206.30576	100	0.00%	0.00%	165	141	165	165.0623	Achieved		100
10880	11045	210.64443	206.93531	206.93531	100	0.00%	0.00%	165	141	165	165.06109	Achieved		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)
10890	11055	210.4588	207.54315	207.54315	100	0.00%	0.00%	165	141	165	165.06473	Achieved		100
10900	11065	210.27223	208.26494	208.26494	100	0.00%	0.00%	165	141	165	165.07143	Achieved		100
10910	11075	210.08828	209.06896	209.06896	100	0.00%	0.00%	165	141	165	165.07371	Achieved		100
10920	11085	209.88924	209.88624	209.88624	100	0.00%	0.00%	165	141	165	165.06702	Achieved		100
10930	11095	209.6929	210.67527	210.67527	100	0.00%	0.00%	165	141	165	165.05403	Achieved		100
10940	11105	209.47144	211.44908	211.44908	100	0.00%	0.00%	165	141	165	165.04035	Achieved		100
10950	11115	209.19933	212.19633	212.19633	100	0.00%	0.00%	165	141	165	165.03084	Achieved		100
10960	11125	208.84811	212.90451	212.90451	100	0.00%	0.00%	165	141	165	164.9539	Achieved		100
10970	11135	208.43998	213.55299	213.55299	100	0.00%	0.00%	165	141	165	164.92595	Achieved		100
10980	11145	208.02798	214.13964	214.13964	100	0.00%	0.00%	165	141	165	164.87705	Achieved		100
10990	11155	207.63732	214.66537	214.66537	100	0.00%	0.00%	165	141	165	164.80754	Achieved		100
11000	11165	207.29816	215.13795	215.13795	100	0.00%	0.00%	165	141	165	164.7153	Achieved		100
11010	11175	207.07714	215.56743	215.56743	100	0.00%	0.00%	165	141	165	164.59419	Achieved		100
11020	11185	207.06293	215.93941	215.93941	100	0.00%	0.00%	165	141	165	164.43496	Achieved		100
11030	11195	207.2373	214.05547	216.25922	100	0.00%	0.00%	165	141	124.6063	124.13183	Not Achieved	VA	90
11040	11205	207.61003	213.18389	216.4564	100	0.00%	0.00%	165	141	103.55501	103.37366	Not Achieved	VA	80
11050	11215	208.13356	212.66187	216.59222	100	0.00%	0.00%	165	141	87.78694	87.73574	Not Achieved	VA	70
11060	11225	208.78838	212.34016	216.66986	100	0.00%	0.00%	165	141	73.7023	73.78269	Not Achieved	VA	60
11070	11235	209.5617	212.37068	216.70972	100	0.00%	0.00%	165	141	64.13472	64.28401	Not Achieved	VA	60
11080	11245	210.37976	212.59842	216.70942	100	0.00%	0.00%	165	141	57.13793	57.2939	Not Achieved	VA	50
11090	11255	211.1812	212.94607	216.74907	100	0.00%	0.00%	165	141	51.61855	51.77821	Not Achieved	VA	50
11100	11265	211.96246	213.40532	216.90515	100	0.00%	0.00%	165	141	47.50468	47.6648	Not Achieved	VA	40
11110	11275	212.72776	213.94942	217.19634	100	0.00%	0.00%	165	141	44.60851	44.62905	Not Achieved	VA	40
11120	11285	213.45668	214.46967	217.54981	100	0.00%	0.00%	165	141	40.38443	40.40019	Not Achieved	VA	40
11130	11295	214.13227	214.99567	217.96832	100	0.00%	0.00%	165	141	36.74502	36.75596	Not Achieved	VA	40
11140	11305	214.75351	215.78819	218.49349	100	0.00%	0.00%	165	141	45.51302	45.1548	Not Achieved	VA	40
11150	11315	215.31362	219.07586	219.07586	100	0.00%	0.00%	165	141	165	163.6464	Achieved		100
11160	11325	215.8043	219.62863	219.62863	100	0.00%	0.00%	165	141	165	163.87714	Achieved		100
11170	11335	216.25854	220.13458	220.13458	100	0.00%	0.00%	165	141	165	164.13225	Achieved		100
11180	11345	216.66141	220.58811	220.58811	100	0.00%	0.00%	165	141	165	164.38531	Achieved		100
11190	11355	217.01698	220.91071	220.91071	100	0.00%	0.00%	165	141	165	164.59887	Achieved		100
11200	11365	217.27593	221.1494	221.1494	100	0.00%	0.00%	165	141	165	164.75177	Achieved		100
11210	11375	217.44012	221.34447	221.34447	100	0.00%	0.00%	165	141	165	164.81442	Achieved		100
11220	11385	217.52859	221.54812	221.54812	100	0.00%	0.00%	165	141	165	164.79361	Achieved		100
11230	11395	217.58838	221.74348	221.74348	100	0.00%	0.00%	165	141	165	164.71684	Achieved		100
11240	11405	217.61385	221.90285	221.90285	100	0.00%	0.00%	165	141	165	164.61099	Achieved		100
11250	11415	217.61767	222.03788	222.03788	100	0.00%	0.00%	165	141	165	164.50215	Achieved		100
11260	11425	217.71156	219.92875	222.2131	100	0.00%	0.00%	165	141	80.95719	80.97537	Not Achieved	HA/VA	70
11270	11435	217.93898	219.7976	222.39923	100	0.00%	0.00%	165	141	68.29496	68.4793	Not Achieved	HA/VA	60
11280	11445	218.2637	219.81447	222.58734	100	0.00%	0.00%	165	141	58.67234	58.93287	Not Achieved	HA/VA	50
11290	11455	218.64865	219.94554	222.77297	100	0.00%	0.00%	165	141	51.42716	51.67563	Not Achieved	HA/VA	50
11300	11465	219.11933	222.95393	222.95393	100	0.00%	0.00%	165	141	165	164.41729	Achieved		100
11310	11475	219.68309	223.08034	223.08034	100	0.00%	0.00%	165	141	165	164.54069	Achieved		100
11320	11485	220.26203	223.21913	223.21913	100	0.00%	0.00%	165	141	165	164.68073	Achieved		100
11330	11495	220.78519	223.3897	223.3897	100	0.00%	0.00%	165	141	165	164.81336	Achieved		100
11340	11505	221.27632	223.61908	223.61908	100	0.00%	0.00%	165	141	165	164.91357	Achieved		100
11350	11515	221.65801	223.86444	223.86444	100	0.00%	0.00%	165	141	165	164.95649	Achieved		100
11360	11525	221.94767	224.13139	224.13139	100	0.00%	0.00%	165	141	165	164.92929	Achieved		100
11370	11535	222.14973	224.38992	224.38992	100	0.00%	0.00%	165	141	165	164.85222	Achieved		100
11380	11545	222.35494	224.61369	224.61369	100	0.00%	0.00%	165	141	165	164.76114	Achieved		100
11390	11555	222.55408	224.8219	224.8219	100	0.00%	0.00%	165	141	165	164.68401	Achieved		100
11400	11565	222.73024	224.98956	224.98956	100	0.00%	0.00%	165	141	165	164.63461	Achieved		100
11410	11575	222.88158	225.12942	225.12942	100	0.00%	0.00%	165	141	165	164.60549	Achieved		100
11420	11585	223.03092	225.29765	225.29765	100	0.00%	0.00%	165	141	165	164.58848	Achieved		100
11430	11595	223.20376	225.42331	225.42331	100	0.00%	0.00%	165	141	165	164.58715	Achieved		100
11440	11605	223.39299	225.50044	225.50044	100	0.00%	0.00%	165	141	165	164.60288	Achieved		100
11450	11615	223.58058	225.57875	225.57875	100	0.00%	0.00%	165	141	165	164.63347	Achieved		100
11460	11625	223.76142	225.63724	225.63724	100	0.00%	0.00%	165	141	165	164.67557	Achieved		100
11470	11635	223.91519	225.65575	225.65575	100	0.00%	0.00%	165	141	165	164.72571	Achieved		100
11480	11645	224.0465	225.08189	225.65779	100	0.00%	0.00%	165	141	106.11689	105.88448	Not Achieved	VA	80
11490	11655	224.20181	224.98757	225.63906	100	0.00%	0.00%	165	141	90.29045	90.11469	Not Achieved	VA	70
11500	11665	224.40673	224.97451	225.59149	100	0.00%	0.00%	165	141	79.14159	79.01646	Not Achieved	VA	60
11510	11675	224.63915	225.03274	225.54084	100	0.00%	0.00%	165	141	72.07335	71.98867	Not Achieved	VA	60
11520	11685	224.89935	225.14415	225.48857	100	0.00%	0.00%	165	141	68.58316	68.53142	Not Achieved	VA	60
11530	11695	225.16636	225.28657	225.43694	100	0.00%	0.00%	165	141	73.31927	73.29351	Not Achieved	VA	60
11540	11705	225.4036	225.3834	225.3593	100	0.00%	0.00%	165	141	75.57286	75.56389	Not Achieved	VA	60
11550	11715	225.62319	225.44168	225.23835	100	0.00%	0.00%	165	141	77.81557	77.81454	Not Achieved	VA	60
11560	11725	225.81182	225.45418	225.12311	100	0.00%	0.00%	165	141	85.65822	85.65817	Not Achieved	VA	70
11570	11735	225.95773	225.02243	225.02243	100	0.00%	0.00%	165	141	165	164.90348	Achieved		100
11580	11745	226.11254	224.92375	224.92375	100	0.00%	0.00%	165	141	165	164.82834	Achieved		100
11590	11755	226.26881	224.84102	224.84102	100	0.00%	0.00%	165	141	165	164.7054	Achieved		100
11600	11765.046	226.36512	224.73674	224.73674	100	0.00%	0.00%	165	141	165.04578	164.5601	Achieved		100
11610	11775	226.43801	224.59558	224.59558	100	0.00%	0.00%	165	141	165	164.29418	Achieved		100
11620	11785	226.51855	224.45574	224.45574	100	0.00%	0.00%	165	141	165	163.99768	Achieved		100
11630	11795	226.54532	224.33953	224.33953	100	0.00%	0.00%	165	141	165	163.68802	Achieved		100
11640	11805	226.56017	224.22812	224.22812	100	0.00%	0.00%	165	141	165	163.38782	Achieved		100
11650	11815	226.55016	224.09456	224.09456	100	0.00%	0.00%	165	141	165	163.1237	Achieved		100
11660	11825	226.51719	224.00169	224.00169	100	0.00%	0.00%	165	141	165	162.91937	Achieved		100
11670	11835	226.47443	223.92395	223.92395	100	0.00%	0.00%	165	141	165	162.79921	Achieved		100
11680	11845	226.41503	223.86226	223.86226	100	0.00%	0.00%	165	141	165	162.77404	Achieved		100
11690	11855	226.36119	223.8125	223.8125	100	0.00%	0.00%	165	141	165	162.84862	Achieved		100
11700	11865	226.30473	223.75471	223.75471	100	0.00%	0.00%	165	141	165	163.0216	Achieved		100
11710	11875	226.19888	223.69751	223.69751	100	0.00%	0.00%	165	141	165	163.28305	Achieved		100
11720	11885	226.07761	223.66332	223.66332	100	0.00%	0.00%	165	141	165	163.60775	Achieved		100
11730	11895	225.97127	223.65463	223.65463	100	0.00%	0.00%	165	141	165	163.95096	Achieved		100
11740	11905	225.87228	223.6475	223.6475	100	0.00%	0.00%	165	141	165	164.26503	Achieved	HA	100
11750	11915	225.78111	223.62827	223.62827	100	0.00%	0.00%	165	141	165	164.53281	Achieved	HA	100
11760	11925	225.69467	223.58733	223.58733	100	0.00%	0.00%	165	141	165	164.71264	Achieved	HA	100
11770	11935	225.5692	223.57227	223.57227	100	0.00%	0.00%	165	141	165	164.76255	Achieved	HA	100
11780	11945	225.42419	223.53998	223.53998	100	0.00%	0.00%	165	141	165	164.79512	Achieved		100
11790	11955	225.29156	223.49766	223.49766	100	0.00%	0.00%	165	141	165	164.79285	Achieved		100
11800	11965	225.18618	223.41455	223.41455	100	0.00%	0.00%	165	141	165	164.78237	Achieved		100
11810	11975	225.06193	223.33637	223.33637	100	0.00%	0.00%	165	141	165	164.7895	Achieved		100
11820	11985	224.94602	223.2736	223.2736	100	0.00%	0.00%	165	141	165	164.81769	Achieved		100
11830	11995	224.86373	223.19409	223.19409	100	0.00%	0.00%	165	141	165	164.86122	Achieved		100
11840	12005	224.78975	223.11582	223.11582	100	0.00%	0.00%	165	141	165	164.91688	Achieved		100
11850	12015	224.73926	223.01578	223.01578	100	0.00%	0.00%	165	141	165	164.97891	Achieved		100
11860	12025	224.68472	222.94819	222.94819	100	0.00%	0.00%	165	141	165	165.03721	Achieved		100
11870	12035	224.6261	222.87221	222.87221	100	0.00%	0.00%	165	141	165	165.0767	Achieved		100
11880	12045	224.57498	222.7463	222.7463	100	0.00%	0.00%	165	141	165	165.10056	Achieved		100
11890	12055	224.53857	222.60296	222.60296	100	0.00%	0.00%	165	141	165	165.11086	Achieved		100
11900	12065	224.54851	222.42525	222.42525	100	0.00%	0.00%	165	141	165	165.0886	Achieved		100
11910	12075	224.54681	222.22034	222.22034	100	0.00%	0.00%	165	141	165	165.0792	Achieved		100
11920	12085	224.50569	221.95733	221.95733	100	0.00%	0.00%	165	141	165	165.06271	Achieved		100
11930	12095	224.4802	222.62897	221.6585	100	0.00%	0.00%	165	141	108.23842	108.28544	Not Achieved	VA	80
11940	12105	224.4599	222.67863	221.32095	100	0.00%	0.00%	165	141	93.62542	93.65924	Not Achieved	VA	70

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)
11950	12115	224.42178	222.68812	220.95399	100	0.00%	0.00%	165	141	82.48904	82.5112	Not Achieved	VA	70
11960	12125	224.35683	222.67797	220.59121	100	0.00%	0.00%	165	141	73.57221	73.58758	Not Achieved	VA	60
11970	12135	224.27211	222.65299	220.22115	100	0.00%	0.00%	165	141	65.96235	65.97763	Not Achieved	VA	60
11980	12145	224.20665	222.58443	219.83402	100	0.00%	0.00%	165	141	61.23255	61.24766	Not Achieved	VA	50
11990	12155	224.13667	222.49355	219.43646	100	0.00%	0.00%	165	141	57.71163	57.72623	Not Achieved	VA	50
12000	12165	224.05376	222.3731	219.04771	100	0.00%	0.00%	165	141	55.41583	55.43567	Not Achieved	VA	50
12010	12175	223.96777	222.04934	218.67895	100	0.00%	0.00%	165	141	59.83775	59.87618	Not Achieved	VA	50
12020	12185	223.87458	218.33622	218.33622	100	0.00%	0.00%	165	141	165	164.97531	Achieved		100
12030	12195	223.81651	217.98535	217.98535	100	0.00%	0.00%	165	141	165	164.87355	Achieved		100
12040	12205	223.71191	217.66256	217.66256	100	0.00%	0.00%	165	141	165	164.77836	Achieved		100
12050	12215	223.57877	217.33296	217.33296	100	0.00%	0.00%	165	141	165	164.70046	Achieved		100
12060	12225	223.42099	216.98992	216.98992	100	0.00%	0.00%	165	141	165	164.64055	Achieved		100
12070	12235	223.22847	216.68734	216.68734	100	0.00%	0.00%	165	141	165	164.59232	Achieved		100
12080	12245	222.99698	216.45281	216.45281	100	0.00%	0.00%	165	141	165	164.5598	Achieved		100
12090	12255	222.70974	216.24572	216.24572	100	0.00%	0.00%	165	141	165	164.55369	Achieved		100
12100	12265	222.39294	216.0626	216.0626	100	0.00%	0.00%	165	141	165	164.58043	Achieved		100
12110	12275	222.03947	215.9121	215.9121	100	0.00%	0.00%	165	141	165	164.62753	Achieved		100
12120	12285	221.67	215.77564	215.77564	100	0.00%	0.00%	165	141	165	164.69682	Achieved		100
12130	12295	221.30666	215.65062	215.65062	100	0.00%	0.00%	165	141	165	164.78939	Achieved		100
12140	12305	220.92799	215.58767	215.58767	100	0.00%	0.00%	165	141	165	164.88584	Achieved		100
12150	12315	220.5342	215.53732	215.53732	100	0.00%	0.00%	165	141	165	164.94454	Achieved		100
12160	12325	220.14217	215.57061	215.57061	100	0.00%	0.00%	165	141	165	164.99092	Achieved		100
12170	12335	219.75758	215.62147	215.62147	100	0.00%	0.00%	165	141	165	165.00849	Achieved		100
12180	12345	219.40733	215.6726	215.6726	100	0.00%	0.00%	165	141	165	165.02089	Achieved		100
12190	12355	219.06132	215.73749	215.73749	100	0.00%	0.00%	165	141	165	165.03942	Achieved		100
12200	12365	218.72066	215.76616	215.76616	100	0.00%	0.00%	165	141	165	165.06123	Achieved		100
12210	12375	218.4001	215.74203	215.74203	100	0.00%	0.00%	165	141	165	165.07866	Achieved		100
12220	12385	218.05817	215.67621	215.67621	100	0.00%	0.00%	165	141	165	165.08287	Achieved		100
12230	12395	217.72767	215.62268	215.62268	100	0.00%	0.00%	165	141	165	165.07866	Achieved		100
12240	12405	217.46413	215.58741	215.58741	100	0.00%	0.00%	165	141	165	165.07174	Achieved		100
12250	12415	217.24684	215.55654	215.55654	100	0.00%	0.00%	165	141	165	165.05796	Achieved		100
12260	12425	217.04982	215.52335	215.52335	100	0.00%	0.00%	165	141	165	165.03579	Achieved		100
12270	12435	216.88632	215.47191	215.47191	100	0.00%	0.00%	165	141	165	165.0107	Achieved		100
12280	12445	216.7419	215.39813	215.39813	100	0.00%	0.00%	165	141	165	164.98882	Achieved		100
12290	12455	216.60299	215.30518	215.30518	100	0.00%	0.00%	165	141	165	164.96445	Achieved		100
12300	12465	216.51035	215.21831	215.21831	100	0.00%	0.00%	165	141	165	164.92749	Achieved		100
12310	12475	216.4703	215.13769	215.13769	100	0.00%	0.00%	165	141	165	164.86175	Achieved		100
12320	12485	216.45888	215.1191	215.1191	100	0.00%	0.00%	165	141	165	164.75571	Achieved		100
12330	12495	216.49404	215.13201	215.13201	100	0.00%	0.00%	165	141	165	164.58903	Achieved		100
12340	12505	216.54943	215.0858	215.0858	100	0.00%	0.00%	165	141	165	164.39269	Achieved		100
12350	12515	216.60821	214.98742	214.98742	100	0.00%	0.00%	165	141	165	164.03999	Achieved		100
12360	12525	216.65571	214.86582	214.86582	100	0.00%	0.00%	165	141	165	163.5334	Achieved		100
12370	12535	216.66077	214.79619	214.79619	100	0.00%	0.00%	165	141	165	163.00699	Achieved		100
12380	12545	216.61046	214.67463	214.67463	100	0.00%	0.00%	165	141	165	162.29246	Achieved		100
12390	12555	216.54665	214.56986	214.56986	100	0.00%	0.00%	165	141	165	161.48504	Achieved		100
12400	12565	216.50484	214.49946	214.49946	100	0.00%	0.00%	165	141	165	160.66391	Achieved		100
12410	12575	216.46932	214.42856	214.42856	100	0.00%	0.00%	165	141	165	159.91543	Achieved		100
12420	12585	216.44515	214.31579	214.31579	100	0.00%	0.00%	165	141	165	159.29666	Achieved		100
12430	12595	216.40284	214.23809	214.23809	100	0.00%	0.00%	165	141	165	158.83496	Achieved		100
12440	12605	216.33697	214.2541	214.2541	100	0.00%	0.00%	165	141	165	158.55367	Achieved		100
12450	12615	216.25467	214.31862	214.31862	100	0.00%	0.00%	165	141	165	158.4846	Achieved		100
12460	12625	216.16028	214.40618	214.40618	100	0.00%	0.00%	165	141	165	158.65442	Achieved		100
12470	12635	216.0859	214.555	214.555	100	0.00%	0.00%	165	141	165	159.05452	Achieved		100
12480	12645	216.03411	214.72575	214.72575	100	0.00%	0.00%	165	141	165	159.62722	Achieved		100
12490	12655	216.02779	214.84166	214.84166	100	0.00%	0.00%	165	141	165	160.2986	Achieved		100
12500	12665	216.01248	214.90965	214.90965	100	0.00%	0.00%	165	141	165	160.99718	Achieved		100
12510	12675	215.94107	214.94637	214.94637	100	0.00%	0.00%	165	141	165	161.62366	Achieved		100
12520	12685	215.8304	214.95586	214.95586	100	0.00%	0.00%	165	141	165	162.22754	Achieved		100
12530	12695	215.7305	214.939	214.939	100	0.00%	0.00%	165	141	165	162.74684	Achieved		100
12540	12705	215.63674	214.87607	214.87607	100	0.00%	0.00%	165	141	165	163.23687	Achieved		100
12550	12715	215.51977	214.76801	214.76801	100	0.00%	0.00%	165	141	165	163.61194	Achieved		100
12560	12725	215.43276	214.60546	214.60546	100	0.00%	0.00%	165	141	165	163.88609	Achieved		100
12570	12735	215.37011	214.39666	214.39666	100	0.00%	0.00%	165	141	165	164.08999	Achieved		100
12580	12745	215.27352	214.50574	214.17981	100	0.00%	0.00%	165	141	116.13587	115.3128	Not Achieved	VA	80
12590	12755	215.16698	214.47756	213.98067	100	0.00%	0.00%	165	141	96.17498	95.54636	Not Achieved	VA	70
12600	12765	215.13514	214.46852	213.77035	100	0.00%	0.00%	165	141	80.82103	80.36241	Not Achieved	VA	60
12610	12775	215.18112	214.50854	213.57352	100	0.00%	0.00%	165	141	69.21733	68.87434	Not Achieved	VA	60
12620	12785	215.26348	214.57821	213.37893	100	0.00%	0.00%	165	141	60.14522	59.8894	Not Achieved	VA	50
12630	12795	215.36848	214.63019	213.20754	100	0.00%	0.00%	165	141	54.97835	54.76727	Not Achieved	VA	50
12640	12805	215.54437	214.66516	213.02655	100	0.00%	0.00%	165	141	57.73304	57.55538	Not Achieved	VA	50
12650	12815	215.69135	212.83666	212.83666	100	0.00%	0.00%	165	141	165	164.8743	Achieved		100
12660	12825	215.77925	212.67735	212.67735	100	0.00%	0.00%	165	141	165	164.91237	Achieved		100
12670	12835	215.83214	212.53912	212.53912	100	0.00%	0.00%	165	141	165	164.94282	Achieved		100
12680	12845	215.85369	212.40917	212.40917	100	0.00%	0.00%	165	141	165	164.96745	Achieved		100
12690	12855	215.85241	212.2728	212.2728	100	0.00%	0.00%	165	141	165	164.98583	Achieved		100
12700	12865	215.81284	212.12864	212.12864	100	0.00%	0.00%	165	141	165	164.99474	Achieved		100
12710	12875	215.72863	211.99399	211.99399	100	0.00%	0.00%	165	141	165	164.99586	Achieved		100
12720	12885	215.5922	211.86018	211.86018	100	0.00%	0.00%	165	141	165	164.99864	Achieved		100
12730	12895	215.40736	211.74045	211.74045	100	0.00%	0.00%	165	141	165	165.00496	Achieved		100
12740	12905	215.18551	211.60668	211.60668	100	0.00%	0.00%	165	141	165	165.00877	Achieved		100
12750	12915	214.98015	211.44702	211.44702	100	0.00%	0.00%	165	141	165	165.008	Achieved		100
12760	12925	214.77306	211.30152	211.30152	100	0.00%	0.00%	165	141	165	165.01292	Achieved		100
12770	12935	214.57364	211.18699	211.18699	100	0.00%	0.00%	165	141	165	165.02786	Achieved		100
12780	12945	214.37313	211.05797	211.05797	100	0.00%	0.00%	165	141	165	165.04919	Achieved		100
12790	12955	214.19381	210.91514	210.91514	100	0.00%	0.00%	165	141	165	165.06513	Achieved		100
12800	12965	214.01895	210.75582	210.75582	100	0.00%	0.00%	165	141	165	165.07103	Achieved		100
12810	12975	213.83177	210.57416	210.57416	100	0.00%	0.00%	165	141	165	165.07037	Achieved		100
12820	12985	213.65253	210.3642	210.3642	100	0.00%	0.00%	165	141	165	165.06595	Achieved		100
12830	12995	213.5072	210.14515	210.14515	100	0.00%	0.00%	165	141	165	165.06107	Achieved		100
12840	13005	213.37182	209.95659	209.95659	100	0.00%	0.00%	165	141	165	165.05552	Achieved		100
12850	13015	213.24438	209.74467	209.74467	100	0.00%	0.00%	165	141	165	165.04801	Achieved		100
12860	13025	213.09922	209.51395	209.51395	100	0.00%	0.00%	165	141	165	165.03758	Achieved		100
12870	13035	212.96139	209.29398	209.29398	100	0.00%	0.00%	165	141	165	165.02442	Achieved		100
12880	13045	212.82625	209.10951	209.10951	100	0.00%	0.00%	165	141	165	165.01106	Achieved		100
12890	13055	212.70125	208.92599	208.92599	100	0.00%	0.00%	165	141	165	164.99414	Achieved		100
12900	13065	212.57997	208.71802	208.71802	100	0.00%	0.00%	165	141	165	164.96946	Achieved		100
12910	13075	212.4257	208.4994	208.4994	100	0.00%	0.00%	165	141	165	164.93949	Achieved		100
12920	13085	212.27257	208.27094	208.27094	100	0.00%	0.00%	165	141	165	164.91193	Achieved		100
12930	13095	212.14555	208.02613	208.02613	100	0.00%	0.00%	165	141	165	164.89111	Achieved		100
12940	13105	212.02535	207.76736	207.76736	100	0.00%	0.00%	165	141	165	164.87019	Achieved		100
12950	13115	211.88667	207.50021	207.50021	100	0.00%	0.00%	165	141	165	164.85695	Achieved		100
12960	13125	211.73924	207.23854	207.23854	100	0.00%	0.00%	165	141	165	164.86242	Achieved		100
12970	13135	211.56631	206.97279	206.97279	100	0.00%	0.00%	165	141	165	164.87245	Achieved		100
12980	13145	211.37394	206.71779	206.71779	100	0.00%	0.00%	165	141	165	164.88408	Achieved		100
12990	13155	211.15031	206.48429	206.48429	100	0.00%	0.00%	165	141	165	164.91552	Achieved		100
13000	13165	210.95141	206.28095	206.28095	100	0.00%	0.00%	165	141	165	164.9622	Achieved		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)
13010	13175	210.75678	206.11019	206.11019	100	0.00%	0.00%	165	141	165	164.999	Achieved		100
13020	13185	210.52807	205.95394	205.95394	100	0.00%	0.00%	165	141	165	165.01076	Achieved		100
13030	13195	210.30297	205.81598	205.81598	100	0.00%	0.00%	165	141	165	165.00201	Achieved		100
13040	13205	210.09974	205.68874	205.68874	100	0.00%	0.00%	165	141	165	164.96856	Achieved		100
13050	13215	209.91699	205.54321	205.54321	100	0.00%	0.00%	165	141	165	164.87592	Achieved		100
13060	13225	209.72642	205.42393	205.42393	100	0.00%	0.00%	165	141	165	164.66979	Achieved		100
13070	13235	209.5077	205.33324	205.33324	100	0.00%	0.00%	165	141	165	164.34359	Achieved		100
13080	13245	209.28412	205.32148	205.32148	100	0.00%	0.00%	165	141	165	163.89936	Achieved		100
13090	13255	209.05276	205.37263	205.37263	100	0.00%	0.00%	165	141	165	163.33153	Achieved		100
13100	13265	208.79819	205.45226	205.45226	100	0.00%	0.00%	165	141	165	162.63784	Achieved		100
13110	13275	208.53492	205.53159	205.53159	100	0.00%	0.00%	165	141	165	161.7936	Achieved		100
13120	13285	208.26783	205.55242	205.55242	100	0.00%	0.00%	165	141	165	160.80145	Achieved		100
13130	13295	208.0052	205.52953	205.52953	100	0.00%	0.00%	165	141	165	159.75074	Achieved		100
13140	13305	207.74169	205.50478	205.50478	100	0.00%	0.00%	165	141	165	158.81747	Achieved		100
13150	13315	207.50215	205.4639	205.4639	100	0.00%	0.00%	165	141	165	158.05629	Achieved		100
13160	13325	207.27814	205.43461	205.43461	100	0.00%	0.00%	165	141	165	157.43668	Achieved		100
13170	13335	207.08815	205.4103	205.4103	100	0.00%	0.00%	165	141	165	157.04599	Achieved		100
13180	13345	206.93104	205.42897	205.42897	100	0.00%	0.00%	165	141	165	156.98852	Achieved		100
13190	13355	206.78101	205.46378	205.46378	100	0.00%	0.00%	165	141	165	157.25499	Achieved		100
13200	13365	206.65545	205.48063	205.48063	100	0.00%	0.00%	165	141	165	157.81516	Achieved		100
13210	13375	206.51837	205.5005	205.5005	100	0.00%	0.00%	165	141	165	158.6353	Achieved		100
13220	13385	206.37814	205.53408	205.53408	100	0.00%	0.00%	165	141	165	159.6197	Achieved		100
13230	13395	206.27245	205.57007	205.57007	100	0.00%	0.00%	165	141	165	160.63279	Achieved		100
13240	13405	206.2147	205.63789	205.63789	100	0.00%	0.00%	165	141	165	161.59802	Achieved		100
13250	13415	206.24408	205.73185	205.73185	100	0.00%	0.00%	165	141	165	162.4637	Achieved		100

Frankford Main Road (A1044) – Prescribed Direction (PD)

Stopping Sight Distance

Car Driver Eye Height 1.10m to 0.8m Object Height

Continuous Chainage from Link 05

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)
1350	1515	53.39671	52.41612	52.41612	100	0.00%	0.00%	165	141	165	164.12171	Achieved		100
1360	1525	53.15436	52.51918	52.51918	100	0.00%	0.00%	165	141	165	164.16846	Achieved		100
1370	1535	52.95398	52.60397	52.60397	100	0.00%	0.00%	165	141	165	164.22008	Achieved		100
1380	1545	52.7645	52.677	52.677	100	0.00%	0.00%	165	141	165	164.27733	Achieved		100
1390	1555	52.5848	52.76541	52.76541	100	0.00%	0.00%	165	141	165	164.34081	Achieved		100
1400	1565	52.43275	52.87803	52.87803	100	0.00%	0.00%	165	141	165	164.40839	Achieved		100
1410	1575	52.31638	52.96424	52.96424	100	0.00%	0.00%	165	141	165	164.47835	Achieved		100
1420	1585	52.25556	53.01824	53.01824	100	0.00%	0.00%	165	141	165	164.54892	Achieved		100
1430	1595	52.24993	53.07776	53.07776	100	0.00%	0.00%	165	141	165	164.61919	Achieved		100
1440	1605	52.29177	53.13674	53.13674	100	0.00%	0.00%	165	141	165	164.69274	Achieved		100
1450	1615	52.33818	53.24107	53.24107	100	0.00%	0.00%	165	141	165	164.7681	Achieved		100
1460	1625	52.38492	53.31379	53.31379	100	0.00%	0.00%	165	141	165	164.83042	Achieved		100
1470	1635	52.43029	53.38564	53.38564	100	0.00%	0.00%	165	141	165	164.87528	Achieved		100
1480	1645	52.45776	53.44002	53.44002	100	0.00%	0.00%	165	141	165	164.9098	Achieved		100
1490	1655	52.49157	53.48989	53.48989	100	0.00%	0.00%	165	141	165	164.9385	Achieved		100
1500	1665	52.55756	53.54488	53.54488	100	0.00%	0.00%	165	141	165	164.96054	Achieved		100
1510	1675	52.65701	53.57821	53.57821	100	0.00%	0.00%	165	141	165	164.97623	Achieved		100
1520	1685	52.77336	53.60831	53.60831	100	0.00%	0.00%	165	141	165	164.9878	Achieved		100
1530	1695	52.86381	53.63224	53.63224	100	0.00%	0.00%	165	141	165	164.99786	Achieved		100
1540	1705	52.93947	53.67768	53.67768	100	0.00%	0.00%	165	141	165	165.00303	Achieved		100
1550	1715	53.01702	53.72298	53.72298	100	0.00%	0.00%	165	141	165	165.00181	Achieved		100
1560	1725	53.12267	53.76655	53.76655	100	0.00%	0.00%	165	141	165	165.00034	Achieved		100
1570	1735	53.22481	53.81633	53.81633	100	0.00%	0.00%	165	141	165	165.00128	Achieved		100
1580	1745	53.29207	53.86186	53.86186	100	0.00%	0.00%	165	141	165	165.00268	Achieved		100
1590	1755	53.34878	53.8982	53.8982	100	0.00%	0.00%	165	141	165	165.00415	Achieved		100
1600	1765	53.41186	53.90409	53.90409	100	0.00%	0.00%	165	141	165	165.00271	Achieved		100
1610	1775	53.50103	53.90935	53.90935	100	0.00%	0.00%	165	141	165	164.99827	Achieved		100
1620	1785	53.57825	53.93775	53.93775	100	0.00%	0.00%	165	141	165	164.99959	Achieved		100
1630	1795	53.65363	53.973	53.973	100	0.00%	0.00%	165	141	165	165.0065	Achieved		100
1640	1805	53.71109	54.04513	54.04513	100	0.00%	0.00%	165	141	165	165.00742	Achieved		100
1650	1815	53.76292	54.12537	54.12537	100	0.00%	0.00%	165	141	165	165.00284	Achieved		100
1660	1825	53.81884	54.19307	54.19307	100	0.00%	0.00%	165	141	165	165.00041	Achieved		100
1670	1835	53.85944	54.30521	54.30521	100	0.00%	0.00%	165	141	165	165.00012	Achieved		100
1680	1845	53.892	54.42571	54.42571	100	0.00%	0.00%	165	141	165	164.99913	Achieved		100
1690	1855	53.91869	54.54626	54.54626	100	0.00%	0.00%	165	141	165	164.99772	Achieved		100
1700	1865	53.95204	54.6641	54.6641	100	0.00%	0.00%	165	141	165	164.99704	Achieved		100
1710	1875	53.9968	54.79807	54.79807	100	0.00%	0.00%	165	141	165	164.99838	Achieved		100
1720	1885	54.04625	54.9688	54.9688	100	0.00%	0.00%	165	141	165	165.0037	Achieved		100
1730	1895	54.08423	55.13684	55.13684	100	0.00%	0.00%	165	141	165	165.01083	Achieved		100
1740	1905	54.13511	55.31667	55.31667	100	0.00%	0.00%	165	141	165	165.01762	Achieved		100
1750	1915	54.18805	55.45625	55.45625	100	0.00%	0.00%	165	141	165	165.02499	Achieved		100
1760	1925	54.20237	55.56809	55.56809	100	0.00%	0.00%	165	141	165	165.03457	Achieved		100
1770	1935	54.20483	55.68644	55.68644	100	0.00%	0.00%	165	141	165	165.04734	Achieved		100
1780	1945	54.22289	55.80347	55.80347	100	0.00%	0.00%	165	141	165	165.06019	Achieved		100
1790	1955	54.24665	55.90509	55.90509	100	0.00%	0.00%	165	141	165	165.06677	Achieved		100
1800	1965	54.30685	56.01541	56.01541	100	0.00%	0.00%	165	141	165	165.06924	Achieved		100
1810	1975	54.38644	56.10058	56.10058	100	0.00%	0.00%	165	141	165	165.07336	Achieved		100
1820	1985	54.45693	56.13671	56.13671	100	0.00%	0.00%	165	141	165	165.07528	Achieved		100
1830	1995	54.54335	56.1612	56.1612	100	0.00%	0.00%	165	141	165	165.06958	Achieved		100
1840	2005	54.66585	56.18725	56.18725	100	0.00%	0.00%	165	141	165	165.0596	Achieved		100
1850	2015	54.79127	56.2436	56.2436	100	0.00%	0.00%	165	141	165	165.04866	Achieved		100
1860	2025	54.90308	56.32216	56.32216	100	0.00%	0.00%	165	141	165	165.03818	Achieved		100
1870	2035	55.0251	56.38978	56.38978	100	0.00%	0.00%	165	141	165	165.03127	Achieved		100
1880	2045	55.18702	56.44494	56.44494	100	0.00%	0.00%	165	141	165	165.03045	Achieved		100
1890	2055	55.36748	56.49424	56.49424	100	0.00%	0.00%	165	141	165	165.03122	Achieved		100
1900	2065	55.5386	56.52276	56.52276	100	0.00%	0.00%	165	141	165	165.03206	Achieved		100
1910	2075	55.69184	56.57144	56.57144	100	0.00%	0.00%	165	141	165	165.0313	Achieved		100
1920	2085	55.81792	56.63528	56.63528	100	0.00%	0.00%	165	141	165	165.02302	Achieved		100
1930	2095	55.93192	56.71556	56.71556	100	0.00%	0.00%	165	141	165	165.00777	Achieved		100
1940	2105	56.05061	56.78641	56.78641	100	0.00%	0.00%	165	141	165	164.98351	Achieved		100
1950	2115	56.15688	56.86756	56.86756	100	0.00%	0.00%	165	141	165	164.95876	Achieved		100
1960	2125	56.26126	57.00772	57.00772	100	0.00%	0.00%	165	141	165	164.93017	Achieved		100
1970	2135	56.3646	57.13581	57.13581	100	0.00%	0.00%	165	141	165	164.95276	Achieved		100
1980	2145	56.42223	57.27675	57.27675	100	0.00%	0.00%	165	141	165	164.95519	Achieved		100
1990	2155	56.44274	57.47778	57.47778	100	0.00%	0.00%	165	141	165	164.95723	Achieved		100
2000	2165	56.47264	57.6525	57.6525	100	0.00%	0.00%	165	141	165	164.95984	Achieved		100
2010	2175	56.51478	57.81118	57.81118	100	0.00%	0.00%	165	141	165	164.96605	Achieved		100
2020	2185	56.57906	57.9874	57.9874	100	0.00%	0.00%	165	141	165	164.97933	Achieved		100
2030	2195	56.65769	58.15864	58.15864	100	0.00%	0.00%	165	141	165	165	Achieved		100
2040	2205	56.71958	58.33363	58.33363	100	0.00%	0.00%	165	141	165	165.02316	Achieved		100
2050	2215	56.77706	58.48569	58.48569	100	0.00%	0.00%	165	141	165	165.04427	Achieved		100
2060	2225	56.80945	58.64663	58.64663	100	0.00%	0.00%	165	141	165	165.06264	Achieved		100
2070	2235	56.839	58.85064	58.85064	100	0.00%	0.00%	165	141	165	165.07227	Achieved		100
2080	2245	56.91268	59.04121	59.04121	100	0.00%	0.00%	165	141	165	165.07062	Achieved		100
2090	2255	56.98341	59.22378	59.22378	100	0.00%	0.00%	165	141	165	165.0627	Achieved		100
2100	2265	57.05579	59.41154	59.41154	100	0.00%	0.00%	165	141	165	165.05819	Achieved		100
2110	2275	57.11729	59.58439	59.58439	100	0.00%	0.00%	165	141	165	165.06304	Achieved		100
2120	2285	57.2391	59.77348	59.77348	100	0.00%	0.00%	165	141	165	165.06421	Achieved		100
2130	2295	57.37396	59.94137	59.94137	100	0.00%	0.00%	165	141	165	165.05324	Achieved		100
2140	2305	57.50357	60.10158	60.10158	100	0.00%	0.00%	165	141	165	165.04195	Achieved		100
2150	2315	57.67356	60.20799	60.20799	100	0.00%	0.00%	165	141	165	165.03328	Achieved		100
2160	2325	57.87864	60.33175	60.33175	100	0.00%	0.00%	165	141	165	165.02393	Achieved		100
2170	2335	58.02909	60.42682	60.42682	100	0.00%	0.00%	165	141	165	165.01508	Achieved		100
2180	2345	58.19961	60.51454	60.51454	100	0.00%	0.00%	165	141	165	165.00752	Achieved		100
2190	2355	58.37804	60.59468	60.59468	100	0.00%	0.00%	165	141	165	165.00094	Achieved		100
2200	2365	58.55092	60.64298	60.64298	100	0.00%	0.00%	165	141	165	164.99727	Achieved		100
2210	2375	58.71137	60.71761	60.71761	100	0.00%	0.00%	165	141	165	164.99736	Achieved		100
2220	2385	58.86264	60.82791	60.82791	100	0.00%	0.00%	165	141	165	164.99853	Achieved		100
2230	2395	59.05216	60.97036	60.97036	100	0.00%	0.00%	165	141	165	164.99704	Achieved		100
2240	2405	59.24807	61.10966	61.10966	100	0.00%	0.00%	165	141	165	164.99406	Achieved		100
2250	2415	59.43022	61.23851	61.23851	100	0.00%	0.00%	165	141	165	164.99229	Achieved		100
2260	2425	59.61984	61.38486	61.38486	100	0.00%	0.00%	165	141	165	164.99262	Achieved		100
2270	2435	59.80007	61.54203	61.54203	100	0.00%	0.00%	165	141	165	164.99358	Achieved		100
2280	2445	59.97717	61.71106	61.71106	100	0.00%	0.00%	165	141	165	164.99655	Achieved		100
2290	2455	60.16363	61.90965	61.90965	100	0.00%	0.00%	165	141	165	165.0021	Achieved		100
2300	2465	60.32644	62.14576	62.14576	100	0.00%	0.00%	165	141	165	164.99863	Achieved		100
2310	2475	60.45036	62.38545	62.38545	100	0.00%	0.00%	165	141	165	164.9869	Achieved		100
2320	2485	60.57237	62.6179	62.6179	100	0.00%	0.00%	165	141	165	164.98761	Achieved		100
2330	2495	60.67964	62.88342	62.88342	100	0.00%	0.00%	165	141	165	165.00171	Achieved		100
2340	2505	60.77058	63.15162	63.15162	100	0.00%	0.00%	165	141	165	165.00591	Achieved		100
2350	2515	60.85628	63.44355	63.44355	100	0.00%	0.00%	165	141	165	164.99997	Achieved		100
2360	2525	60.92862	63.74528	63.74528	100	0.00%	0.00%	165	141	165	164.99603	Achieved		100
2370	2535	60.97648	64.04336	64.04336	100	0.00%	0.00%	165	141	165	164.99509	Achieved		100
2380	2545	61.06567	64.29437	64.29437	100	0.00%	0.00%	165	141	165	164.99613	Achieved		100
2390	2555	61.19568	64.49853	64.49853	100	0.00%	0.00%	165	141	165	164.99761	Achieved		100
2400	2565	61.3432	64.70267	64.70267	100	0.00%	0.00%	165	141	165	164.9967	Achieved		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)
2410	2575	61.47233	64.89288	64.89288	100	0.00%	0.00%	165	141	165	164.99376	Achieved		100
2420	2585	61.61105	65.04797	65.04797	100	0.00%	0.00%	165	141	165	164.99875	Achieved		100
2430	2595	61.761	65.21235	65.21235	100	0.00%	0.00%	165	141	165	165.00289	Achieved		100
2440	2605	61.92709	65.4257	65.4257	100	0.00%	0.00%	165	141	165	165.00279	Achieved		100
2450	2615	62.10652	65.61532	65.61532	100	0.00%	0.00%	165	141	165	165.00047	Achieved		100
2460	2625	62.32227	65.79817	65.79817	100	0.00%	0.00%	165	141	165	165.00502	Achieved		100
2470	2635	62.56347	65.95345	65.95345	100	0.00%	0.00%	165	141	165	165.01764	Achieved		100
2480	2645	62.80327	66.11309	66.11309	100	0.00%	0.00%	165	141	165	165.01936	Achieved		100
2490	2655	63.04792	66.25803	66.25803	100	0.00%	0.00%	165	141	165	165.00257	Achieved		100
2500	2665	63.31863	66.37514	66.37514	100	0.00%	0.00%	165	141	165	164.99424	Achieved		100
2510	2675	63.59319	66.45199	66.45199	100	0.00%	0.00%	165	141	165	165.00466	Achieved		100
2520	2685	63.89525	66.5306	66.5306	100	0.00%	0.00%	165	141	165	165.01047	Achieved		100
2530	2695	64.20426	66.6011	66.6011	100	0.00%	0.00%	165	141	165	165.00638	Achieved		100
2540	2705	64.46785	66.64663	66.64663	100	0.00%	0.00%	165	141	165	165.0044	Achieved		100
2550	2715	64.69789	66.63602	66.63602	100	0.00%	0.00%	165	141	165	165.00436	Achieved		100
2560	2725	64.90421	66.62288	66.62288	100	0.00%	0.00%	165	141	165	165.00281	Achieved		100
2570	2735	65.10198	66.57803	66.57803	100	0.00%	0.00%	165	141	165	165.00206	Achieved		100
2580	2745	65.27635	66.55522	66.55522	100	0.00%	0.00%	165	141	165	164.99955	Achieved		100
2590	2755	65.41103	66.51143	66.51143	100	0.00%	0.00%	165	141	165	164.99291	Achieved		100
2600	2765	65.61792	66.45219	66.45219	100	0.00%	0.00%	165	141	165	164.99079	Achieved		100
2610	2775	65.82201	66.37332	66.37332	100	0.00%	0.00%	165	141	165	164.99589	Achieved		100
2620	2785	66.01323	66.29392	66.29392	100	0.00%	0.00%	165	141	165	164.99768	Achieved		100
2630	2795	66.17566	66.1922	66.1922	100	0.00%	0.00%	165	141	165	164.99437	Achieved		100
2640	2805	66.33783	66.07103	66.07103	100	0.00%	0.00%	165	141	165	164.99641	Achieved		100
2650	2815	66.48475	65.95288	65.95288	100	0.00%	0.00%	165	141	165	165.00619	Achieved		100
2660	2825	66.61975	65.82853	65.82853	100	0.00%	0.00%	165	141	165	165.00783	Achieved		100
2670	2835	66.71559	65.66979	65.66979	100	0.00%	0.00%	165	141	165	164.99699	Achieved		100
2680	2845	66.7886	65.45705	65.45705	100	0.00%	0.00%	165	141	165	164.99122	Achieved		100
2690	2855	66.86869	65.23735	65.23735	100	0.00%	0.00%	165	141	165	164.99772	Achieved		100
2700	2865	66.92661	65.04723	65.04723	100	0.00%	0.00%	165	141	165	165.00356	Achieved		100
2710	2875	66.95913	64.86246	64.86246	100	0.00%	0.00%	165	141	165	165.02973	Achieved		100
2720	2885	66.93934	64.67228	64.67228	100	0.00%	0.00%	165	141	165	165.01895	Achieved		100
2730	2895	66.89896	64.47363	64.47363	100	0.00%	0.00%	165	141	165	165.03375	Achieved		100
2740	2905	66.86296	64.28865	64.28865	100	0.00%	0.00%	165	141	165	165.05843	Achieved		100
2750	2915	66.84153	64.08391	64.08391	100	0.00%	0.00%	165	141	165	165.08303	Achieved		100
2760	2925	66.78751	63.88373	63.88373	100	0.00%	0.00%	165	141	165	165.09473	Achieved		100
2770	2935	66.70783	63.71518	63.71518	100	0.00%	0.00%	165	141	165	165.08896	Achieved		100
2780	2945	66.63265	63.6055	63.6055	100	0.00%	0.00%	165	141	165	165.07619	Achieved		100
2790	2955	66.54564	63.51159	63.51159	100	0.00%	0.00%	165	141	165	165.06027	Achieved		100
2800	2965	66.43608	63.44035	63.44035	100	0.00%	0.00%	165	141	165	165.03372	Achieved		100
2810	2975	66.3104	63.41054	63.41054	100	0.00%	0.00%	165	141	165	164.99352	Achieved		100
2820	2985	66.19329	63.4063	63.4063	100	0.00%	0.00%	165	141	165	164.9463	Achieved		100
2830	2995	66.05501	63.40203	63.40203	100	0.00%	0.00%	165	141	165	164.90474	Achieved		100
2840	3005	65.86842	63.41653	63.41653	100	0.00%	0.00%	165	141	165	164.88347	Achieved		100
2850	3015	65.64129	63.44512	63.44512	100	0.00%	0.00%	165	141	165	164.87801	Achieved		100
2860	3025	65.44425	63.4726	63.4726	100	0.00%	0.00%	165	141	165	164.87779	Achieved		100
2870	3035	65.2598	63.50033	63.50033	100	0.00%	0.00%	165	141	165	164.87462	Achieved		100
2880	3045	65.06306	63.55303	63.55303	100	0.00%	0.00%	165	141	165	164.84807	Achieved		100
2890	3055	64.87092	63.59617	63.59617	100	0.00%	0.00%	165	141	165	164.83691	Achieved		100
2900	3065	64.68499	63.61384	63.61384	100	0.00%	0.00%	165	141	165	164.81141	Achieved		100
2910	3075	64.48602	63.64364	63.64364	100	0.00%	0.00%	165	141	165	164.78036	Achieved		100
2920	3085	64.28112	63.69213	63.69213	100	0.00%	0.00%	165	141	165	164.75188	Achieved		100
2930	3095	64.09308	63.76476	63.76476	100	0.00%	0.00%	165	141	165	164.73795	Achieved		100
2940	3105	63.95448	63.84697	63.84697	100	0.00%	0.00%	165	141	165	164.74354	Achieved		100
2950	3115	63.85738	63.95091	63.95091	100	0.00%	0.00%	165	141	165	164.7614	Achieved		100
2960	3125	63.77136	64.1004	64.1004	100	0.00%	0.00%	165	141	165	164.78632	Achieved		100
2970	3135	63.71824	64.27504	64.27504	100	0.00%	0.00%	165	141	165	164.8188	Achieved		100
2980	3145	63.70726	64.46469	64.46469	100	0.00%	0.00%	165	141	165	164.86057	Achieved		100
2990	3155	63.70166	64.68707	64.68707	100	0.00%	0.00%	165	141	165	164.91777	Achieved		100
3000	3165	63.70833	64.96031	64.96031	100	0.00%	0.00%	165	141	165	164.98775	Achieved		100
3010	3175	63.73006	65.2471	65.2471	100	0.00%	0.00%	165	141	165	165.04846	Achieved		100
3020	3185	63.76081	65.53618	65.53618	100	0.00%	0.00%	165	141	165	165.08728	Achieved		100
3030	3195	63.78197	65.82275	65.82275	100	0.00%	0.00%	165	141	165	165.10308	Achieved		100
3040	3205	63.82435	66.10422	66.10422	100	0.00%	0.00%	165	141	165	165.0978	Achieved		100
3050	3215	63.87894	66.39686	66.39686	100	0.00%	0.00%	165	141	165	165.08093	Achieved		100
3060	3225	63.90664	66.66785	66.66785	100	0.00%	0.00%	165	141	165	165.06006	Achieved		100
3070	3235	63.92434	66.93885	66.93885	100	0.00%	0.00%	165	141	165	165.04323	Achieved		100
3080	3245	63.95797	67.27004	67.27004	100	0.00%	0.00%	165	141	165	165.02943	Achieved		100
3090	3255	64.02522	67.60852	67.60852	100	0.00%	0.00%	165	141	165	165.01635	Achieved		100
3100	3265	64.10433	67.94596	67.94596	100	0.00%	0.00%	165	141	165	165.00686	Achieved		100
3110	3275	64.19544	68.25152	68.25152	100	0.00%	0.00%	165	141	165	164.99984	Achieved		100
3120	3285	64.31643	68.55333	68.55333	100	0.00%	0.00%	165	141	165	164.99951	Achieved		100
3130	3295	64.4824	68.83898	68.83898	100	0.00%	0.00%	165	141	165	165.00757	Achieved		100
3140	3305	64.66903	69.13424	69.13424	100	0.00%	0.00%	165	141	165	165.01302	Achieved		100
3150	3315	64.87093	69.43538	69.43538	100	0.00%	0.00%	165	141	165	165.01101	Achieved		100
3160	3325	65.11625	69.72591	69.72591	100	0.00%	0.00%	165	141	165	165.00619	Achieved		100
3170	3335	65.40435	70.01472	70.01472	100	0.00%	0.00%	165	141	165	165.00048	Achieved		100
3180	3345	65.68964	70.2742	70.2742	100	0.00%	0.00%	165	141	165	164.99869	Achieved		100
3190	3355	65.98014	70.51309	70.51309	100	0.00%	0.00%	165	141	165	165.00314	Achieved		100
3200	3365	66.25901	70.73632	70.73632	100	0.00%	0.00%	165	141	165	165.00631	Achieved		100
3210	3375	66.55266	70.95152	70.95152	100	0.00%	0.00%	165	141	165	165.00484	Achieved		100
3220	3385	66.83341	71.15831	71.15831	100	0.00%	0.00%	165	141	165	165.00162	Achieved		100
3230	3395	67.10917	71.36969	71.36969	100	0.00%	0.00%	165	141	165	164.99748	Achieved		100
3240	3405	67.4133	71.55823	71.55823	100	0.00%	0.00%	165	141	165	164.99657	Achieved		100
3250	3415	67.73557	71.74107	71.74107	100	0.00%	0.00%	165	141	165	165.00334	Achieved		100
3260	3425	68.07649	71.9116	71.9116	100	0.00%	0.00%	165	141	165	165.01427	Achieved		100
3270	3435	68.40426	72.07628	72.07628	100	0.00%	0.00%	165	141	165	165.02454	Achieved		100
3280	3445	68.701	72.22079	72.22079	100	0.00%	0.00%	165	141	165	165.03076	Achieved		100
3290	3455	68.99823	72.34675	72.34675	100	0.00%	0.00%	165	141	165	165.0278	Achieved		100
3300	3465	69.28457	72.44343	72.44343	100	0.00%	0.00%	165	141	165	165.01801	Achieved		100
3310	3475	69.58494	72.51965	72.51965	100	0.00%	0.00%	165	141	165	165.01207	Achieved		100
3320	3485	69.87943	72.57247	72.57247	100	0.00%	0.00%	165	141	165	165.01586	Achieved		100
3330	3495	70.171	72.61973	72.61973	100	0.00%	0.00%	165	141	165	165.02724	Achieved		100
3340	3505	70.44893	72.67557	72.67557	100	0.00%	0.00%	165	141	165	165.03873	Achieved		100
3350	3515	70.69085	72.71585	72.71585	100	0.00%	0.00%	165	141	165	165.04309	Achieved		100
3360	3525	70.92675	72.74109	72.74109	100	0.00%	0.00%	165	141	165	165.03838	Achieved		100
3370	3535	71.14871	72.73963	72.73963	100	0.00%	0.00%	165	141	165	165.03127	Achieved		100
3380	3545	71.35483	72.70418	72.70418	100	0.00%	0.00%	165	141	165	165.02932	Achieved		100
3390	3555	71.56801	72.644	72.644	100	0.00%	0.00%	165	141	165	165.03239	Achieved		100
3400	3565	71.76918	72.60812	72.60812	100	0.00%	0.00%	165	141	165	165.03678	Achieved		100
3410	3575	71.94618	72.53092	72.53092	100	0.00%	0.00%	165	141	165	165.03844	Achieved		100
3420	3585	72.12851	72.47176	72.47176	100	0.00%	0.00%	165	141	165	165.03559	Achieved		100
3430	3595	72.29437	72.40174	72.40174	100	0.00%	0.00%	165	141	165	165.02946	Achieved		100
3440	3605	72.45259	72.3205	72.3205	100	0.00%	0.00%	165	141	165	165.02492	Achieved		100
3450	3615	72.58487	72.19594	72.19594	100	0.00%	0.00%	165	141	165	165.02481	Achieved		100
3460	3625	72.6971	72.05885	72.05885	100	0.00%	0.00%	165	141	165	165.02646	Achieved		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)
3470	3635	72.78472	71.92082	71.92082	100	0.00%	0.00%	165	141	165	165.03015	Achieved		100
3480	3645	72.85328	71.76317	71.76317	100	0.00%	0.00%	165	141	165	165.02955	Achieved		100
3490	3655	72.89551	71.59341	71.59341	100	0.00%	0.00%	165	141	165	165.01633	Achieved		100
3500	3665	72.94772	71.42106	71.42106	100	0.00%	0.00%	165	141	165	165.00145	Achieved		100
3510	3675	72.99621	71.30328	71.30328	100	0.00%	0.00%	165	141	165	164.994	Achieved		100
3520	3685	73.03344	71.20183	71.20183	100	0.00%	0.00%	165	141	165	164.99259	Achieved		100
3530	3695	73.04423	71.0963	71.0963	100	0.00%	0.00%	165	141	165	164.99996	Achieved		100
3540	3705	73.02686	70.98519	70.98519	100	0.00%	0.00%	165	141	165	165.00854	Achieved		100
3550	3715	72.97042	70.89049	70.89049	100	0.00%	0.00%	165	141	165	165.00909	Achieved		100
3560	3725	72.93136	70.80524	70.80524	100	0.00%	0.00%	165	141	165	165.0066	Achieved		100
3570	3735	72.86689	70.70438	70.70438	100	0.00%	0.00%	165	141	165	165.00502	Achieved		100
3580	3745	72.79895	70.6416	70.6416	100	0.00%	0.00%	165	141	165	165.00408	Achieved		100
3590	3755	72.74177	70.60584	70.60584	100	0.00%	0.00%	165	141	165	165.00521	Achieved		100
3600	3765	72.66339	70.5847	70.5847	100	0.00%	0.00%	165	141	165	165.00572	Achieved		100
3610	3775	72.56483	70.57392	70.57392	100	0.00%	0.00%	165	141	165	165.00098	Achieved		100
3620	3785	72.42045	70.5612	70.5612	100	0.00%	0.00%	165	141	165	164.99381	Achieved		100
3630	3795	72.29216	70.55503	70.55503	100	0.00%	0.00%	165	141	165	164.98857	Achieved		100
3640	3805	72.14745	70.55568	70.55568	100	0.00%	0.00%	165	141	165	164.98738	Achieved		100
3650	3815	71.98172	70.5494	70.5494	100	0.00%	0.00%	165	141	165	164.99404	Achieved		100
3660	3825	71.79984	70.53932	70.53932	100	0.00%	0.00%	165	141	165	165.00458	Achieved		100
3670	3835	71.65762	70.54606	70.54606	100	0.00%	0.00%	165	141	165	165.00921	Achieved		100
3680	3845	71.55105	70.52461	70.52461	100	0.00%	0.00%	165	141	165	165.0102	Achieved		100
3690	3855	71.44914	70.48687	70.48687	100	0.00%	0.00%	165	141	165	165.01227	Achieved		100
3700	3865	71.33708	70.46977	70.46977	100	0.00%	0.00%	165	141	165	165.01658	Achieved		100
3710	3875	71.23338	70.4526	70.4526	100	0.00%	0.00%	165	141	165	165.02657	Achieved		100
3720	3885	71.15319	70.43964	70.43964	100	0.00%	0.00%	165	141	165	165.03916	Achieved		100
3730	3895	71.05103	70.44631	70.44631	100	0.00%	0.00%	165	141	165	165.04901	Achieved		100
3740	3905	70.96707	70.44346	70.44346	100	0.00%	0.00%	165	141	165	165.05561	Achieved		100
3750	3915	70.91847	70.41025	70.41025	100	0.00%	0.00%	165	141	165	165.05982	Achieved		100
3760	3925	70.89362	70.39914	70.39914	100	0.00%	0.00%	165	141	165	165.0623	Achieved		100
3770	3935	70.87939	70.39908	70.39908	100	0.00%	0.00%	165	141	165	165.06416	Achieved		100
3780	3945	70.86936	70.41325	70.41325	100	0.00%	0.00%	165	141	165	165.0653	Achieved		100
3790	3955	70.85749	70.41469	70.41469	100	0.00%	0.00%	165	141	165	165.06457	Achieved		100
3800	3965	70.85318	70.39054	70.39054	100	0.00%	0.00%	165	141	165	165.06205	Achieved		100
3810	3975	70.85453	70.3679	70.3679	100	0.00%	0.00%	165	141	165	165.0579	Achieved		100
3820	3985	70.84175	70.35053	70.35053	100	0.00%	0.00%	165	141	165	165.05119	Achieved		100
3830	3995	70.84344	70.34369	70.34369	100	0.00%	0.00%	165	141	165	165.04292	Achieved		100
3840	4005	70.84065	70.33541	70.33541	100	0.00%	0.00%	165	141	165	165.03338	Achieved		100
3850	4015	70.80669	70.33477	70.33477	100	0.00%	0.00%	165	141	165	165.02351	Achieved		100
3860	4025	70.77695	70.32731	70.32731	100	0.00%	0.00%	165	141	165	165.01689	Achieved		100
3870	4035	70.76486	70.316	70.316	100	0.00%	0.00%	165	141	165	165.01475	Achieved		100
3880	4045	70.73882	70.29342	70.29342	100	0.00%	0.00%	165	141	165	165.01687	Achieved		100
3890	4055	70.74437	70.28796	70.28796	100	0.00%	0.00%	165	141	165	165.02296	Achieved		100
3900	4065	70.75166	70.27022	70.27022	100	0.00%	0.00%	165	141	165	165.03269	Achieved		100
3910	4075	70.72645	70.24678	70.24678	100	0.00%	0.00%	165	141	165	165.04513	Achieved		100
3920	4085	70.70178	70.21606	70.21606	100	0.00%	0.00%	165	141	165	165.05611	Achieved		100
3930	4095	70.69602	70.20671	70.20671	100	0.00%	0.00%	165	141	165	165.06377	Achieved		100
3940	4105	70.70996	70.17333	70.17333	100	0.00%	0.00%	165	141	165	165.06944	Achieved		100
3950	4115	70.71806	70.15526	70.15526	100	0.00%	0.00%	165	141	165	165.0723	Achieved		100
3960	4125	70.70797	70.13014	70.13014	100	0.00%	0.00%	165	141	165	165.07314	Achieved		100
3970	4135	70.68171	70.13332	70.13332	100	0.00%	0.00%	165	141	165	165.07168	Achieved		100
3980	4145	70.65455	70.09103	70.09103	100	0.00%	0.00%	165	141	165	165.06504	Achieved		100
3990	4155	70.65021	70.09228	70.09228	100	0.00%	0.00%	165	141	165	165.05451	Achieved		100
4000	4165	70.63755	70.13719	70.13719	100	0.00%	0.00%	165	141	165	165.04276	Achieved		100
4010	4175	70.63499	70.1464	70.1464	100	0.00%	0.00%	165	141	165	165.03318	Achieved		100
4020	4185	70.6331	70.16301	70.16301	100	0.00%	0.00%	165	141	165	165.02625	Achieved		100
4030	4195	70.62579	70.18104	70.18104	100	0.00%	0.00%	165	141	165	165.02035	Achieved		100
4040	4205	70.5983	70.19361	70.19361	100	0.00%	0.00%	165	141	165	165.01533	Achieved		100
4050	4215	70.59226	70.16716	70.16716	100	0.00%	0.00%	165	141	165	165.01078	Achieved		100
4060	4225	70.58301	70.13443	70.13443	100	0.00%	0.00%	165	141	165	165.00643	Achieved		100
4070	4235	70.55196	70.12858	70.12858	100	0.00%	0.00%	165	141	165	165.00151	Achieved		100
4080	4245	70.52948	70.13396	70.13396	100	0.00%	0.00%	165	141	165	164.99754	Achieved		100
4090	4255	70.50616	70.14469	70.14469	100	0.00%	0.00%	165	141	165	164.99779	Achieved		100
4100	4265	70.48593	70.14852	70.14852	100	0.00%	0.00%	165	141	165	165.00079	Achieved		100
4110	4275	70.46388	70.15177	70.15177	100	0.00%	0.00%	165	141	165	165.00373	Achieved		100
4120	4285	70.44798	70.16043	70.16043	100	0.00%	0.00%	165	141	165	165.00557	Achieved		100
4130	4295	70.42177	70.1719	70.1719	100	0.00%	0.00%	165	141	165	165.00381	Achieved		100
4140	4305	70.42861	70.19017	70.19017	100	0.00%	0.00%	165	141	165	164.99996	Achieved		100
4150	4315	70.38481	70.22925	70.22925	100	0.00%	0.00%	165	141	165	164.99755	Achieved		100
4160	4325	70.41367	70.29838	70.29838	100	0.00%	0.00%	165	141	165	164.99669	Achieved		100
4170	4335	70.45102	70.33554	70.33554	100	0.00%	0.00%	165	141	165	164.99684	Achieved		100
4180	4345	70.45398	70.3652	70.3652	100	0.00%	0.00%	165	141	165	164.99757	Achieved		100
4190	4355	70.47065	70.41478	70.41478	100	0.00%	0.00%	165	141	165	164.99835	Achieved		100
4200	4365	70.49293	70.49333	70.49333	100	0.00%	0.00%	165	141	165	164.99888	Achieved		100
4210	4375	70.47988	70.57361	70.57361	100	0.00%	0.00%	165	141	165	164.99902	Achieved		100
4220	4385	70.45043	70.65243	70.65243	100	0.00%	0.00%	165	141	165	164.99916	Achieved		100
4230	4395	70.43158	70.74259	70.74259	100	0.00%	0.00%	165	141	165	164.99937	Achieved		100
4240	4405	70.42937	70.84249	70.84249	100	0.00%	0.00%	165	141	165	164.99946	Achieved		100
4250	4415	70.44003	70.93815	70.93815	100	0.00%	0.00%	165	141	165	164.99926	Achieved		100
4260	4425	70.44702	71.0184	71.0184	100	0.00%	0.00%	165	141	165	164.99882	Achieved		100
4270	4435	70.44976	71.1026	71.1026	100	0.00%	0.00%	165	141	165	164.99862	Achieved		100
4280	4445	70.45365	71.20675	71.20675	100	0.00%	0.00%	165	141	165	164.9993	Achieved		100
4290	4455	70.46907	71.27447	71.27447	100	0.00%	0.00%	165	141	165	165.00092	Achieved		100
4300	4465	70.47666	71.32424	71.32424	100	0.00%	0.00%	165	141	165	165.00275	Achieved		100
4310	4475	70.50531	71.3787	71.3787	100	0.00%	0.00%	165	141	165	165.00427	Achieved		100
4320	4485	70.56831	71.43813	71.43813	100	0.00%	0.00%	165	141	165	165.0048	Achieved		100
4330	4495	70.61874	71.50207	71.50207	100	0.00%	0.00%	165	141	165	165.00403	Achieved		100
4340	4505	70.6494	71.57571	71.57571	100	0.00%	0.00%	165	141	165	165.00319	Achieved		100
4350	4515	70.68616	71.64814	71.64814	100	0.00%	0.00%	165	141	165	165.00298	Achieved		100
4360	4525	70.75388	71.70957	71.70957	100	0.00%	0.00%	165	141	165	165.00309	Achieved		100
4370	4535	70.83436	71.74914	71.74914	100	0.00%	0.00%	165	141	165	165.00355	Achieved		100
4380	4545	70.9106	71.79298	71.79298	100	0.00%	0.00%	165	141	165	165.00382	Achieved		100
4390	4555	70.99727	71.84572	71.84572	100	0.00%	0.00%	165	141	165	165.00333	Achieved		100
4400	4565	71.092	71.92723	71.92723	100	0.00%	0.00%	165	141	165	165.00292	Achieved		100
4410	4575	71.19443	72.01811	72.01811	100	0.00%	0.00%	165	141	165	165.00306	Achieved		100
4420	4585	71.2822	72.10683	72.10683	100	0.00%	0.00%	165	141	165	165.00358	Achieved		100
4430	4595	71.35646	72.19915	72.19915	100	0.00%	0.00%	165	141	165	165.00451	Achieved		100
4440	4605	71.45265	72.28576	72.28576	100	0.00%	0.00%	165	141	165	165.0053	Achieved		100
4450	4615	71.54345	72.37461	72.37461	100	0.00%	0.00%	165	141	165	165.00511	Achieved		100
4460	4625	71.59429	72.4591	72.4591	100	0.00%	0.00%	165	141	165	165.00437	Achieved		100
4470	4635	71.65144	72.54416	72.54416	100	0.00%	0.00%	165	141	165	165.00376	Achieved		100
4480	4645	71.70638	72.63079	72.63079	100	0.00%	0.00%	165	141	165	165.00329	Achieved		100
4490	4655	71.77226	72.70354	72.70354	100	0.00%	0.00%	165	141	165	165.00343	Achieved		100
4500	4665	71.83963	72.78186	72.78186	100	0.00%	0.00%	165	141	165	165.00338	Achieved		100
4510	4675	71.90769	72.84921	72.84921	100	0.00%	0.00%	165	141	165	165.00195	Achieved		100
4520	4685	71.97932	72.96218	72.96218	100	0.00%	0.00%	165	141	165	165.00102	Achieved		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)
4530	4695	72.02906	73.08609	73.08609	100	0.00%	0.00%	165	141	165	165.00172	Achieved		100
4540	4705	72.06867	73.19584	73.19584	100	0.00%	0.00%	165	141	165	165.00306	Achieved		100
4550	4715	72.11694	73.32811	73.32811	100	0.00%	0.00%	165	141	165	165.00486	Achieved		100
4560	4725	72.18634	73.47382	73.47382	100	0.00%	0.00%	165	141	165	165.00562	Achieved		100
4570	4735	72.27154	73.56556	73.56556	100	0.00%	0.00%	165	141	165	165.00417	Achieved		100
4580	4745	72.3633	73.67892	73.67892	100	0.00%	0.00%	165	141	165	165.00259	Achieved		100
4590	4755	72.44935	73.81839	73.81839	100	0.00%	0.00%	165	141	165	165.00199	Achieved		100
4600	4765	72.54462	73.95291	73.95291	100	0.00%	0.00%	165	141	165	165.00184	Achieved		100
4610	4775	72.63096	74.09721	74.09721	100	0.00%	0.00%	165	141	165	165.0021	Achieved		100
4620	4785	72.71613	74.25367	74.25367	100	0.00%	0.00%	165	141	165	165.00214	Achieved		100
4630	4795	72.80014	74.37789	74.37789	100	0.00%	0.00%	165	141	165	165.00151	Achieved		100
4640	4805	72.89161	74.50819	74.50819	100	0.00%	0.00%	165	141	165	165.0007	Achieved		100
4650	4815	72.9699	74.64388	74.64388	100	0.00%	0.00%	165	141	165	165.00018	Achieved		100
4660	4825	73.04256	74.77817	74.77817	100	0.00%	0.00%	165	141	165	165.00015	Achieved		100
4670	4835	73.12169	74.92327	74.92327	100	0.00%	0.00%	165	141	165	165.00104	Achieved		100
4680	4845	73.20096	75.05843	75.05843	100	0.00%	0.00%	165	141	165	165.00219	Achieved		100
4690	4855	73.32561	75.17813	75.17813	100	0.00%	0.00%	165	141	165	165.00188	Achieved		100
4700	4865	73.44027	75.2926	75.2926	100	0.00%	0.00%	165	141	165	165.00009	Achieved		100
4710	4875	73.55594	75.42186	75.42186	100	0.00%	0.00%	165	141	165	164.99784	Achieved		100
4720	4885	73.70545	75.57971	75.57971	100	0.00%	0.00%	165	141	165	164.99607	Achieved		100
4730	4895	73.82587	75.73714	75.73714	100	0.00%	0.00%	165	141	165	164.99616	Achieved		100
4740	4905	73.91503	75.88258	75.88258	100	0.00%	0.00%	165	141	165	164.9976	Achieved		100
4750	4915	74.0506	76.01789	76.01789	100	0.00%	0.00%	165	141	165	164.9985	Achieved		100
4760	4925	74.1875	76.18195	76.18195	100	0.00%	0.00%	165	141	165	164.99835	Achieved		100
4770	4935	74.31952	76.37079	76.37079	100	0.00%	0.00%	165	141	165	164.99751	Achieved		100
4780	4945	74.47855	76.53852	76.53852	100	0.00%	0.00%	165	141	165	164.99644	Achieved		100
4790	4955	74.61913	76.74725	76.74725	100	0.00%	0.00%	165	141	165	164.99577	Achieved		100
4800	4965	74.74005	76.94963	76.94963	100	0.00%	0.00%	165	141	165	164.99543	Achieved		100
4810	4975	74.87732	77.1628	77.1628	100	0.00%	0.00%	165	141	165	164.99513	Achieved		100
4820	4985	75.00877	77.43486	77.43486	100	0.00%	0.00%	165	141	165	164.99574	Achieved		100
4830	4995	75.14846	77.76685	77.76685	100	0.00%	0.00%	165	141	165	164.99752	Achieved		100
4840	5005	75.29048	78.14989	78.14989	100	0.00%	0.00%	165	141	165	164.99901	Achieved		100
4850	5015	75.422	78.54595	78.54595	100	0.00%	0.00%	165	141	165	164.99938	Achieved		100
4860	5025	75.53133	78.97329	78.97329	100	0.00%	0.00%	165	141	165	164.99716	Achieved		100
4870	5035	75.65567	79.43485	79.43485	100	0.00%	0.00%	165	141	165	164.99232	Achieved		100
4880	5045	75.7967	79.86317	79.86317	100	0.00%	0.00%	165	141	165	164.98977	Achieved		100
4890	5055	75.96342	80.24246	80.24246	100	0.00%	0.00%	165	141	165	164.9913	Achieved		100
4900	5065	76.11181	80.58872	80.58872	100	0.00%	0.00%	165	141	165	164.99339	Achieved		100
4910	5075	76.25242	80.92411	80.92411	100	0.00%	0.00%	165	141	165	164.99393	Achieved		100
4920	5085	76.39355	81.2267	81.2267	100	0.00%	0.00%	165	141	165	164.98972	Achieved		100
4930	5095	76.57558	81.50628	81.50628	100	0.00%	0.00%	165	141	165	164.97862	Achieved		100
4940	5105	76.76585	81.76479	81.76479	100	0.00%	0.00%	165	141	165	164.97366	Achieved		100
4950	5115	76.95255	81.98392	81.98392	100	0.00%	0.00%	165	141	165	164.97418	Achieved		100
4960	5125	77.14472	82.23034	82.23034	100	0.00%	0.00%	165	141	165	164.97144	Achieved		100
4970	5135	77.35266	82.50817	82.50817	100	0.00%	0.00%	165	141	165	164.96223	Achieved		100
4980	5145	77.5886	82.74049	82.74049	100	0.00%	0.00%	165	141	165	164.95531	Achieved		100
4990	5155	77.89515	82.96228	82.96228	100	0.00%	0.00%	165	141	165	164.95367	Achieved		100
5000	5165	78.25501	83.18663	83.18663	100	0.00%	0.00%	165	141	165	164.95185	Achieved		100
5010	5175	78.64419	83.40483	83.40483	100	0.00%	0.00%	165	141	165	164.94862	Achieved		100
5020	5185	79.05703	83.61226	83.61226	100	0.00%	0.00%	165	141	165	164.94532	Achieved		100
5030	5195	79.50261	83.7944	83.7944	100	0.00%	0.00%	165	141	165	164.94353	Achieved		100
5040	5205	79.95418	83.95828	83.95828	100	0.00%	0.00%	165	141	165	164.94078	Achieved		100
5050	5215	80.35739	84.09083	84.09083	100	0.00%	0.00%	165	141	165	164.93217	Achieved		100
5060	5225	80.71499	84.20386	84.20386	100	0.00%	0.00%	165	141	165	164.9215	Achieved		100
5070	5235	81.06023	84.31965	84.31965	100	0.00%	0.00%	165	141	165	164.91357	Achieved		100
5080	5245	81.37955	84.39624	84.39624	100	0.00%	0.00%	165	141	165	164.90924	Achieved		100
5090	5255	81.66774	84.45434	84.45434	100	0.00%	0.00%	165	141	165	164.94896	Achieved		100
5100	5265	81.94468	84.50827	84.50827	100	0.00%	0.00%	165	141	165	164.91176	Achieved		100
5110	5275	82.17274	84.56779	84.56779	100	0.00%	0.00%	165	141	165	164.90598	Achieved		100
5120	5285	82.40276	84.63371	84.63371	100	0.00%	0.00%	165	141	165	164.89724	Achieved		100
5130	5295	82.68077	84.68831	84.68831	100	0.00%	0.00%	165	141	165	164.89303	Achieved		100
5140	5305	82.92699	84.72247	84.72247	100	0.00%	0.00%	165	141	165	164.89372	Achieved		100
5150	5315	83.15125	84.75334	84.75334	100	0.00%	0.00%	165	141	165	164.89346	Achieved		100
5160	5325	83.37328	84.79073	84.79073	100	0.00%	0.00%	165	141	165	164.88967	Achieved		100
5170	5335	83.59644	84.81711	84.81711	100	0.00%	0.00%	165	141	165	164.88574	Achieved		100
5180	5345	83.81031	84.84175	84.84175	100	0.00%	0.00%	165	141	165	164.88527	Achieved		100
5190	5355	84.00759	84.86397	84.86397	100	0.00%	0.00%	165	141	165	164.8889	Achieved		100
5200	5365	84.1786	84.87528	84.87528	100	0.00%	0.00%	165	141	165	164.89229	Achieved		100
5210	5375	84.3288	84.87889	84.87889	100	0.00%	0.00%	165	141	165	164.89335	Achieved		100
5220	5385	84.45138	84.88405	84.88405	100	0.00%	0.00%	165	141	165	164.89576	Achieved		100
5230	5395	84.56376	84.89045	84.89045	100	0.00%	0.00%	165	141	165	164.90004	Achieved		100
5240	5405	84.66304	84.90191	84.90191	100	0.00%	0.00%	165	141	165	164.90464	Achieved		100
5250	5415	84.72787	84.88426	84.88426	100	0.00%	0.00%	165	141	165	164.9095	Achieved		100
5260	5425	84.78007	84.89392	84.89392	100	0.00%	0.00%	165	141	165	164.90717	Achieved		100
5270	5435	84.83695	84.88034	84.88034	100	0.00%	0.00%	165	141	165	164.89627	Achieved		100
5280	5445	84.89904	84.8613	84.8613	100	0.00%	0.00%	165	141	165	164.88682	Achieved		100
5290	5455	84.96117	84.795	84.795	100	0.00%	0.00%	165	141	165	164.88419	Achieved		100
5300	5465	85.008	84.75632	84.75632	100	0.00%	0.00%	165	141	165	164.87874	Achieved		100
5310	5475	85.03689	84.76405	84.76405	100	0.00%	0.00%	165	141	165	164.86307	Achieved		100
5320	5485	85.06641	84.78683	84.78683	100	0.00%	0.00%	165	141	165	164.84675	Achieved		100
5330	5495	85.10664	84.80737	84.80737	100	0.00%	0.00%	165	141	165	164.83932	Achieved		100
5340	5505	85.13442	84.82628	84.82628	100	0.00%	0.00%	165	141	165	164.84055	Achieved		100
5350	5515	85.15246	84.81978	84.81978	100	0.00%	0.00%	165	141	165	164.84743	Achieved		100
5360	5525	85.17397	84.77846	84.77846	100	0.00%	0.00%	165	141	165	164.85431	Achieved		100
5370	5535	85.17884	84.73908	84.73908	100	0.00%	0.00%	165	141	165	164.86038	Achieved		100
5380	5545	85.18294	84.7133	84.7133	100	0.00%	0.00%	165	141	165	164.86541	Achieved		100
5390	5555	85.18677	84.69886	84.69886	100	0.00%	0.00%	165	141	165	164.8666	Achieved		100
5400	5565	85.19795	84.68498	84.68498	100	0.00%	0.00%	165	141	165	164.86949	Achieved		100
5410	5575	85.197	84.66959	84.66959	100	0.00%	0.00%	165	141	165	164.8789	Achieved		100
5420	5585	85.19193	84.62546	84.62546	100	0.00%	0.00%	165	141	165	164.88875	Achieved		100
5430	5595	85.19227	84.59225	84.59225	100	0.00%	0.00%	165	141	165	164.90116	Achieved		100
5440	5605	85.17001	84.58249	84.58249	100	0.00%	0.00%	165	141	165	164.90853	Achieved		100
5450	5615	85.13363	84.58191	84.58191	100	0.00%	0.00%	165	141	165	164.90142	Achieved		100
5460	5625	85.07229	84.57591	84.57591	100	0.00%	0.00%	165	141	165	164.8952	Achieved		100
5470	5635	85.03643	84.54477	84.54477	100	0.00%	0.00%	165	141	165	164.90273	Achieved		100
5480	5645	85.07531	84.50991	84.50991	100	0.00%	0.00%	165	141	165	164.89875	Achieved		100
5490	5655	85.09947	84.47995	84.47995	100	0.00%	0.00%	165	141	165	164.90231	Achieved		100
5500	5665	85.11414	84.42915	84.42915	100	0.00%	0.00%	165	141	165	164.88452	Achieved		100
5510	5675	85.12709	84.39629	84.39629	100	0.00%	0.00%	165	141	165	164.87845	Achieved		100
5520	5685	85.09898	84.39979	84.39979	100	0.00%	0.00%	165	141	165	164.8713	Achieved		100
5530	5695	85.05818	84.39971	84.39971	100	0.00%	0.00%	165	141	165	164.86398	Achieved		100
5540	5705	85.0265	84.41919	84.41919	100	0.00%	0.00%	165	141	165	164.86251	Achieved		100
5550	5715	85.00478	84.48153	84.48153	100	0.00%	0.00%	165	141	165	164.86741	Achieved		100
5560	5725	84.98821	84.58442	84.58442	100	0.00%	0.00%	165	141	165	164.86861	Achieved		100
5570	5735	84.98114	84.72085	84.72085	100	0.00%	0.00%	165	141	165	164.85962	Achieved		100
5580	5745	84.94859	84.87284	84.87284	100	0.00%	0.00%	165	141	165	164.85561	Achieved		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)
5590	5755	84.90552	85.03839	85.03839	100	0.00%	0.00%	165	141	165	164.86747	Achieved		100
5600	5765	84.88348	85.20951	85.20951	100	0.00%	0.00%	165	141	165	164.87436	Achieved		100
5610	5775	84.88385	85.37615	85.37615	100	0.00%	0.00%	165	141	165	164.85578	Achieved		100
5620	5785	84.88201	85.54601	85.54601	100	0.00%	0.00%	165	141	165	164.86792	Achieved		100
5630	5795	84.86072	85.73389	85.73389	100	0.00%	0.00%	165	141	165	164.87233	Achieved		100
5640	5805	84.83005	85.95489	85.95489	100	0.00%	0.00%	165	141	165	164.88073	Achieved		100
5650	5815.002	84.77453	86.17996	86.17996	100	0.00%	0.00%	165	141	165.00246	164.89178	Achieved		100
5660	5825	84.76093	86.40837	86.40837	100	0.00%	0.00%	165	141	165	164.89575	Achieved		100
5670	5835	84.69826	86.6483	86.6483	100	0.00%	0.00%	165	141	165	164.894	Achieved		100
5680	5845	84.69983	86.88638	86.88638	100	0.00%	0.00%	165	141	165	164.88939	Achieved		100
5690	5855	84.69858	87.09227	87.09227	100	0.00%	0.00%	165	141	165	164.89129	Achieved		100
5700	5865	84.70951	87.28721	87.28721	100	0.00%	0.00%	165	141	165	164.89172	Achieved		100
5710	5875	84.7439	87.46222	87.46222	100	0.00%	0.00%	165	141	165	164.8846	Achieved		100
5720	5885	84.82376	87.64295	87.64295	100	0.00%	0.00%	165	141	165	164.87789	Achieved		100
5730	5895	84.94727	87.78434	87.78434	100	0.00%	0.00%	165	141	165	164.87826	Achieved		100
5740	5905	85.09454	87.91639	87.91639	100	0.00%	0.00%	165	141	165	164.87825	Achieved		100
5750	5915	85.25339	88.01326	88.01326	100	0.00%	0.00%	165	141	165	164.87076	Achieved		100
5760	5925	85.42204	88.13	88.13	100	0.00%	0.00%	165	141	165	164.87222	Achieved		100
5770	5935	85.5906	88.2495	88.2495	100	0.00%	0.00%	165	141	165	164.89484	Achieved		100
5780	5945	85.76046	88.32355	88.32355	100	0.00%	0.00%	165	141	165	164.91185	Achieved		100
5790	5955	85.9367	88.37478	88.37478	100	0.00%	0.00%	165	141	165	164.90349	Achieved		100
5800	5965	86.13595	88.44567	88.44567	100	0.00%	0.00%	165	141	165	164.88955	Achieved		100
5810	5975	86.36896	88.52846	88.52846	100	0.00%	0.00%	165	141	165	164.88963	Achieved		100
5819.997	5985	86.59594	88.59879	88.59879	100	0.00%	0.00%	165	141	165.00272	164.89559	Achieved		100
5830	5995	86.82728	88.63359	88.63359	100	0.00%	0.00%	165	141	165	164.89643	Achieved		100
5840	6005	87.07107	88.65797	88.65797	100	0.00%	0.00%	165	141	165	164.8966	Achieved		100
5850	6015	87.29177	88.68299	88.68299	100	0.00%	0.00%	165	141	165	164.89625	Achieved		100
5860	6025	87.48883	88.69295	88.69295	100	0.00%	0.00%	165	141	165	164.89929	Achieved		100
5870	6035	87.68053	88.70329	88.70329	100	0.00%	0.00%	165	141	165	164.90694	Achieved		100
5880	6045	87.8526	88.76107	88.76107	100	0.00%	0.00%	165	141	165	164.91513	Achieved		100
5890	6055	88.01635	88.8234	88.8234	100	0.00%	0.00%	165	141	165	164.9224	Achieved		100
5900	6065	88.15718	88.85209	88.85209	100	0.00%	0.00%	165	141	165	164.93108	Achieved		100
5910	6075	88.26482	88.88278	88.88278	100	0.00%	0.00%	165	141	165	164.9411	Achieved		100
5920	6085	88.36604	88.92694	88.92694	100	0.00%	0.00%	165	141	165	164.94467	Achieved		100
5930	6095	88.49107	88.98861	88.98861	100	0.00%	0.00%	165	141	165	164.94064	Achieved		100
5940	6105	88.58667	89.02351	89.02351	100	0.00%	0.00%	165	141	165	164.94337	Achieved		100
5950	6115	88.65462	89.02127	89.02127	100	0.00%	0.00%	165	141	165	164.95546	Achieved		100
5960	6125	88.70621	89.00286	89.00286	100	0.00%	0.00%	165	141	165	164.96028	Achieved		100
5970	6135	88.78584	88.98801	88.98801	100	0.00%	0.00%	165	141	165	164.95632	Achieved		100
5980	6145	88.85973	88.97556	88.97556	100	0.00%	0.00%	165	141	165	164.96012	Achieved		100
5990	6155	88.91674	88.92925	88.92925	100	0.00%	0.00%	165	141	165	164.97255	Achieved		100
6000	6165	88.9489	88.84774	88.84774	100	0.00%	0.00%	165	141	165	164.98152	Achieved		100
6010	6175	88.97342	88.72981	88.72981	100	0.00%	0.00%	165	141	165	164.98538	Achieved		100
6020	6185	88.98758	88.62548	88.62548	100	0.00%	0.00%	165	141	165	164.98656	Achieved		100
6030	6195	88.99816	88.50558	88.50558	100	0.00%	0.00%	165	141	165	164.98881	Achieved		100
6040	6205	89.027	88.33669	88.33669	100	0.00%	0.00%	165	141	165	164.9996	Achieved		100
6050	6215	89.09726	88.17721	88.17721	100	0.00%	0.00%	165	141	165	165.00841	Achieved		100
6060	6225	89.13839	87.9858	87.9858	100	0.00%	0.00%	165	141	165	165.01674	Achieved		100
6070	6235	89.16425	87.80288	87.80288	100	0.00%	0.00%	165	141	165	165.02374	Achieved		100
6080	6245	89.20167	87.61558	87.61558	100	0.00%	0.00%	165	141	165	165.02873	Achieved		100
6090	6255	89.25971	87.44553	87.44553	100	0.00%	0.00%	165	141	165	165.03345	Achieved		100
6100	6265	89.30997	87.29802	87.29802	100	0.00%	0.00%	165	141	165	165.03983	Achieved		100
6110	6275	89.32662	87.2009	87.2009	100	0.00%	0.00%	165	141	165	165.0461	Achieved		100
6120	6285	89.31333	87.14359	87.14359	100	0.00%	0.00%	165	141	165	165.05259	Achieved		100
6130	6295	89.29195	87.09131	87.09131	100	0.00%	0.00%	165	141	165	165.05959	Achieved		100
6140	6305	89.28396	87.08002	87.08002	100	0.00%	0.00%	165	141	165	165.05919	Achieved		100
6150	6315	89.25844	87.09553	87.09553	100	0.00%	0.00%	165	141	165	165.05129	Achieved		100
6160	6325	89.19194	87.12557	87.12557	100	0.00%	0.00%	165	141	165	165.04663	Achieved		100
6170	6335	89.08978	87.15703	87.15703	100	0.00%	0.00%	165	141	165	165.04828	Achieved		100
6180	6345	88.97549	87.21349	87.21349	100	0.00%	0.00%	165	141	165	165.05453	Achieved		100
6190	6355	88.87148	87.27274	87.27274	100	0.00%	0.00%	165	141	165	165.06301	Achieved		100
6200	6365	88.73629	87.34553	87.34553	100	0.00%	0.00%	165	141	165	165.08505	Achieved		100
6210	6375	88.56069	87.4244	87.4244	100	0.00%	0.00%	165	141	165	165.0717	Achieved		100
6220	6385	88.3815	87.49785	87.49785	100	0.00%	0.00%	165	141	165	165.07051	Achieved		100
6230	6395	88.19421	87.58142	87.58142	100	0.00%	0.00%	165	141	165	165.06718	Achieved		100
6240	6405	88.0078	87.66904	87.66904	100	0.00%	0.00%	165	141	165	165.06442	Achieved		100
6250	6415	87.82638	87.73539	87.73539	100	0.00%	0.00%	165	141	165	165.06339	Achieved		100
6260	6425	87.66729	87.81149	87.81149	100	0.00%	0.00%	165	141	165	165.06167	Achieved		100
6270	6435	87.54265	87.87345	87.87345	100	0.00%	0.00%	165	141	165	165.05666	Achieved		100
6280	6445	87.47124	87.94821	87.94821	100	0.00%	0.00%	165	141	165	165.04951	Achieved		100
6290	6455	87.41405	88.03979	88.03979	100	0.00%	0.00%	165	141	165	165.04175	Achieved		100
6300	6465	87.37997	88.14568	88.14568	100	0.00%	0.00%	165	141	165	165.03649	Achieved		100
6310	6475	87.38105	88.24468	88.24468	100	0.00%	0.00%	165	141	165	165.03504	Achieved		100
6320	6485	87.40923	88.32961	88.32961	100	0.00%	0.00%	165	141	165	165.03335	Achieved		100
6330	6495	87.44223	88.43981	88.43981	100	0.00%	0.00%	165	141	165	165.03002	Achieved		100
6340	6505	87.47899	88.61418	88.61418	100	0.00%	0.00%	165	141	165	165.02683	Achieved		100
6350	6515	87.54074	88.80708	88.80708	100	0.00%	0.00%	165	141	165	165.02338	Achieved		100
6360	6525	87.60915	89.03159	89.03159	100	0.00%	0.00%	165	141	165	165.0185	Achieved		100
6370	6535	87.68619	89.31634	89.31634	100	0.00%	0.00%	165	141	165	165.01172	Achieved		100
6380	6545	87.76199	89.63741	89.63741	100	0.00%	0.00%	165	141	165	165.0027	Achieved		100
6390	6555	87.83752	90.02174	90.02174	100	0.00%	0.00%	165	141	165	164.99438	Achieved		100
6400	6565	87.92728	90.43806	90.43806	100	0.00%	0.00%	165	141	165	164.9914	Achieved		100
6410	6575	88.00246	90.87658	90.87658	100	0.00%	0.00%	165	141	165	164.99294	Achieved		100
6420	6585	88.07312	91.37459	91.37459	100	0.00%	0.00%	165	141	165	164.99626	Achieved		100
6430	6595	88.14783	91.89956	91.89956	100	0.00%	0.00%	165	141	165	165.00026	Achieved		100
6440	6605	88.20503	92.4435	92.4435	100	0.00%	0.00%	165	141	165	165.00487	Achieved		100
6450	6615	88.28827	92.97783	92.97783	100	0.00%	0.00%	165	141	165	165.00846	Achieved		100
6460	6625	88.39196	93.51648	93.51648	100	0.00%	0.00%	165	141	165	165.00673	Achieved		100
6470	6635	88.49439	94.05467	94.05467	100	0.00%	0.00%	165	141	165	165.00152	Achieved		100
6480	6645	88.59164	94.5852	94.5852	100	0.00%	0.00%	165	141	165	164.99694	Achieved		100
6490	6655	88.6791	95.10266	95.10266	100	0.00%	0.00%	165	141	165	164.99516	Achieved		100
6500	6665	88.82248	95.61913	95.61913	100	0.00%	0.00%	165	141	165	164.99939	Achieved		100
6510	6675	89.0111	96.11585	96.11585	100	0.00%	0.00%	165	141	165	165.00661	Achieved		100
6520	6685	89.21224	96.60901	96.60901	100	0.00%	0.00%	165	141	165	165.01226	Achieved		100
6530	6695	89.46671	97.12752	97.12752	100	0.00%	0.00%	165	141	165	165.0192	Achieved		100
6540	6705	89.784	97.64281	97.64281	100	0.00%	0.00%	165	141	165	165.03395	Achieved		100
6550	6715	90.13274	98.15291	98.15291	100	0.00%	0.00%	165	141	165	165.05811	Achieved		100
6560	6725	90.5281	98.63025	98.63025	100	0.00%	0.00%	165	141	165	165.08707	Achieved		100
6570	6735	90.92517	99.06636	99.06636	100	0.00%	0.00%	165	141	165	165.10657	Achieved		100
6580	6745	91.42494	99.47421	99.47421	100	0.00%	0.00%	165	141	165	165.10297	Achieved		100
6590	6755	91.93243	99.84925	99.84925	100	0.00%	0.00%	165	141	165	165.07813	Achieved		100
6600	6765	92.47586	100.22451	100.22451	100	0.00%	0.00%	165	141	165	165.03642	Achieved		100
6610	6775	93.01003	100.61458	100.61458	100	0.00%	0.00%	165	141	165	164.98053	Achieved		100
6620	6785	93.54654	101.00286	101.00286	100	0.00%	0.00%	165	141	165	164.91759	Achieved		100
6630	6795	94.08496	101.36412	101.36412	100	0.00%	0.00%	165	141	165	164.85238	Achieved		100
6640	6805	94.62071	101.72442	101.72442	100	0.00%	0.00%	165	141	165	164.78554	Achieved		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)
6630	6815	95.14308	102.08269	102.08269	100	0.00%	0.00%	165	141	165	164.72013	Achieved		100
6660	6825	95.65993	102.43725	102.43725	100	0.00%	0.00%	165	141	165	164.65665	Achieved		100
6670	6835	96.17096	102.76684	102.76684	100	0.00%	0.00%	165	141	165	164.59739	Achieved		100
6680	6845	96.66133	103.08283	103.08283	100	0.00%	0.00%	165	141	165	164.55454	Achieved		100
6690	6855	97.17586	103.40831	103.40831	100	0.00%	0.00%	165	141	165	164.54277	Achieved		100
6700	6865	97.67705	103.76135	103.76135	100	0.00%	0.00%	165	141	165	164.56453	Achieved		100
6710	6875	98.19796	104.1083	104.1083	100	0.00%	0.00%	165	141	165	164.61624	Achieved		100
6720	6885	98.69663	104.45046	104.45046	100	0.00%	0.00%	165	141	165	164.68322	Achieved		100
6730	6895	99.14787	104.82465	104.82465	100	0.00%	0.00%	165	141	165	164.74568	Achieved		100
6740	6905	99.5786	105.18282	105.18282	100	0.00%	0.00%	165	141	165	164.80517	Achieved		100
6750	6915	99.96337	105.54489	105.54489	100	0.00%	0.00%	165	141	165	164.86667	Achieved		100
6760	6925	100.33396	105.9444	105.9444	100	0.00%	0.00%	165	141	165	164.92747	Achieved		100
6770	6935	100.71944	106.36692	106.36692	100	0.00%	0.00%	165	141	165	164.98489	Achieved		100
6780	6945	101.11043	106.82494	106.82494	100	0.00%	0.00%	165	141	165	165.03564	Achieved		100
6790	6955	101.48593	107.26851	107.26851	100	0.00%	0.00%	165	141	165	165.07606	Achieved		100
6800	6965	101.84474	107.70329	107.70329	100	0.00%	0.00%	165	141	165	165.10564	Achieved		100
6810	6975	102.20258	108.17916	108.17916	100	0.00%	0.00%	165	141	165	165.12304	Achieved		100
6820	6985	102.56349	108.71749	108.71749	100	0.00%	0.00%	165	141	165	165.12983	Achieved		100
6830	6995	102.90681	109.28894	109.28894	100	0.00%	0.00%	165	141	165	165.12813	Achieved		100
6840	7005	103.22753	109.83716	109.83716	100	0.00%	0.00%	165	141	165	165.12085	Achieved		100
6850	7015	103.54522	110.41825	110.41825	100	0.00%	0.00%	165	141	165	165.11013	Achieved		100
6860	7025	103.88667	111.08586	111.08586	100	0.00%	0.00%	165	141	165	165.09528	Achieved		100
6870	7035	104.20839	111.77349	111.77349	100	0.00%	0.00%	165	141	165	165.07756	Achieved		100
6880	7045	104.55292	112.4598	112.4598	100	0.00%	0.00%	165	141	165	165.05791	Achieved		100
6890	7055	104.93984	113.14838	113.14838	100	0.00%	0.00%	165	141	165	165.03668	Achieved		100
6900	7065	105.30269	113.80812	113.80812	100	0.00%	0.00%	165	141	165	165.01384	Achieved		100
6910	7075	105.65885	114.4687	114.4687	100	0.00%	0.00%	165	141	165	164.99099	Achieved		100
6920	7085	106.04639	115.13481	115.13481	100	0.00%	0.00%	165	141	165	164.97055	Achieved		100
6930	7095	106.45737	115.79873	115.79873	100	0.00%	0.00%	165	141	165	164.9562	Achieved		100
6940	7105	106.88338	116.45808	116.45808	100	0.00%	0.00%	165	141	165	164.94931	Achieved		100
6950	7115	107.35035	117.1387	117.1387	100	0.00%	0.00%	165	141	165	164.95039	Achieved		100
6960	7125	107.77928	117.8121	117.8121	100	0.00%	0.00%	165	141	165	164.95742	Achieved		100
6970	7135	108.23342	118.47671	118.47671	100	0.00%	0.00%	165	141	165	164.9681	Achieved		100
6980	7145	108.74107	119.13555	119.13555	100	0.00%	0.00%	165	141	165	164.98062	Achieved		100
6990	7155	109.30968	119.7263	119.7263	100	0.00%	0.00%	165	141	165	164.99605	Achieved		100
7000	7165	109.85705	120.25657	120.25657	100	0.00%	0.00%	165	141	165	165.01727	Achieved		100
7010	7175	110.41977	120.78943	120.78943	100	0.00%	0.00%	165	141	165	165.03693	Achieved		100
7020	7185	111.04335	121.30066	121.30066	100	0.00%	0.00%	165	141	165	165.04701	Achieved		100
7030	7195	111.72747	121.79824	121.79824	100	0.00%	0.00%	165	141	165	165.04304	Achieved		100
7040	7205	112.41712	122.28861	122.28861	100	0.00%	0.00%	165	141	165	165.01125	Achieved		100
7050	7215	113.10616	122.77827	122.77827	100	0.00%	0.00%	165	141	165	164.94416	Achieved		100
7060	7225	113.78241	123.28646	123.28646	100	0.00%	0.00%	165	141	165	164.84229	Achieved		100
7070	7235	114.43208	123.77181	123.77181	100	0.00%	0.00%	165	141	165	164.69636	Achieved		100
7080	7245	115.10448	124.20745	124.20745	100	0.00%	0.00%	165	141	165	164.49761	Achieved		100
7090	7255	115.76696	124.61745	124.61745	100	0.00%	0.00%	165	141	165	164.23996	Achieved		100
7100	7265	116.42368	125.00775	125.00775	100	0.00%	0.00%	165	141	165	163.91723	Achieved		100
7110	7275	117.09788	125.34539	125.34539	100	0.00%	0.00%	165	141	165	163.52937	Achieved		100
7120	7285	117.77579	122.49685	125.65308	100	0.00%	0.00%	165	141	98.29247	97.74369	Not Achieved		70
7130	7295	118.44674	122.46063	125.91835	100	0.00%	0.00%	165	141	87.81876	87.35872	Not Achieved		70
7140	7305	119.10908	122.40147	126.11962	100	0.00%	0.00%	165	141	76.44729	76.13916	Not Achieved		60
7150	7315	119.74011	122.38348	126.28062	100	0.00%	0.00%	165	141	65.20011	65.33066	Not Achieved		60
7160	7325	120.28787	122.40213	126.40014	100	0.00%	0.00%	165	141	55.6531	55.76443	Not Achieved		50
7170	7335	120.81825	122.4606	126.42715	100	0.00%	0.00%	165	141	46.76181	47.10005	Not Achieved		40
7180	7345	121.3549	122.57823	126.40483	100	0.00%	0.00%	165	141	38.34239	38.89798	Not Achieved		40
7190	7355	121.84555	122.69343	126.35721	100	0.00%	0.00%	165	141	29.42942	30.13664	Not Achieved		FALSE
7200	7365	122.34543	122.99165	126.25933	100	0.00%	0.00%	165	141	25.85429	26.45222	Not Achieved		FALSE
7210	7375	122.82053	123.33327	126.12361	100	0.00%	0.00%	165	141	24.10112	24.85193	Not Achieved		FALSE
7220	7385	123.33442	123.75454	125.97369	100	0.00%	0.00%	165	141	24.67315	25.46789	Not Achieved		FALSE
7230	7395	123.83963	124.16018	125.81376	100	0.00%	0.00%	165	141	25.14956	25.96483	Not Achieved		FALSE
7240	7405	124.29805	124.5212	125.61065	100	0.00%	0.00%	165	141	26.58547	27.17566	Not Achieved		FALSE
7250	7415	124.71822	124.82788	125.36368	100	0.00%	0.00%	165	141	26.61653	27.15302	Not Achieved		FALSE
7260	7425	125.11054	125.10567	125.0826	100	0.00%	0.00%	165	141	27.35051	27.87832	Not Achieved		FALSE
7270	7435	125.47532	125.35519	124.78751	100	0.00%	0.00%	165	141	27.39644	27.91881	Not Achieved		FALSE
7280	7445	125.80758	125.59224	124.50258	100	0.00%	0.00%	165	141	25.88991	26.38344	Not Achieved		FALSE
7290	7455	126.0937	125.75917	124.1367	100	0.00%	0.00%	165	141	26.76138	27.34042	Not Achieved		FALSE
7300	7465	126.32507	125.86506	123.75502	100	0.00%	0.00%	165	141	27.92647	28.64308	Not Achieved		FALSE
7310	7475	126.50288	125.91234	123.34585	100	0.00%	0.00%	165	141	29.16006	29.9598	Not Achieved		FALSE
7320	7485	126.65094	125.94901	122.92631	100	0.00%	0.00%	165	141	29.47928	30.22316	Not Achieved		FALSE
7330	7495	126.72267	125.88961	122.45662	100	0.00%	0.00%	165	141	31.00975	31.8751	Not Achieved		FALSE
7340	7505	126.71923	125.76294	121.91475	100	0.00%	0.00%	165	141	31.81365	32.65848	Not Achieved		FALSE
7350	7515	126.6796	125.55925	121.37813	100	0.00%	0.00%	165	141	33.95512	34.13454	Not Achieved		FALSE
7360	7525	126.61676	125.30572	120.83908	100	0.00%	0.00%	165	141	36.88142	36.76134	Not Achieved		40
7370	7535	126.49775	125.0036	120.25478	100	0.00%	0.00%	165	141	39.03816	38.88657	Not Achieved		40
7380	7545	126.34271	124.63964	119.63066	100	0.00%	0.00%	165	141	41.36338	40.97544	Not Achieved		40
7390	7555	126.19858	124.24725	119.04139	100	0.00%	0.00%	165	141	44.92543	44.52824	Not Achieved		40
7400	7565	126.00742	123.73985	118.43042	100	0.00%	0.00%	165	141	49.54893	48.98347	Not Achieved		50
7410	7575	125.78915	117.82112	117.82112	100	0.00%	0.00%	165	141	165	163.97993	Achieved		100
7420	7585	125.52876	117.18004	117.18004	100	0.00%	0.00%	165	141	165	164.23693	Achieved		100
7430	7595	125.23517	116.5355	116.5355	100	0.00%	0.00%	165	141	165	164.44933	Achieved		100
7440	7605	124.94931	115.90812	115.90812	100	0.00%	0.00%	165	141	165	164.61861	Achieved		100
7450	7615	124.62346	115.27165	115.27165	100	0.00%	0.00%	165	141	165	164.74824	Achieved		100
7460	7625	124.24771	114.62587	114.62587	100	0.00%	0.00%	165	141	165	164.83998	Achieved		100
7470	7635	123.85008	113.95516	113.95516	100	0.00%	0.00%	165	141	165	164.9024	Achieved		100
7480	7645	123.44009	113.34019	113.34019	100	0.00%	0.00%	165	141	165	164.94584	Achieved		100
7490	7655	123.00549	112.71008	112.71008	100	0.00%	0.00%	165	141	165	164.97535	Achieved		100
7500	7665	122.4892	112.0719	112.0719	100	0.00%	0.00%	165	141	165	164.99374	Achieved		100
7510	7675	121.93974	111.45533	111.45533	100	0.00%	0.00%	165	141	165	165.00266	Achieved		100
7520	7685	121.40537	110.80666	110.80666	100	0.00%	0.00%	165	141	165	164.99824	Achieved		100
7530	7695	120.85343	110.14573	110.14573	100	0.00%	0.00%	165	141	165	164.99731	Achieved		100
7540	7705	120.24803	109.49099	109.49099	100	0.00%	0.00%	165	141	165	165.00089	Achieved		100
7550	7715	119.65139	108.85359	108.85359	100	0.00%	0.00%	165	141	165	165.00569	Achieved		100
7560	7725	119.03208	108.26994	108.26994	100	0.00%	0.00%	165	141	165	165.01099	Achieved		100
7570	7735	118.42871	107.66527	107.66527	100	0.00%	0.00%	165	141	165	165.01314	Achieved		100
7580	7745	117.80085	107.07081	107.07081	100	0.00%	0.00%	165	141	165	165.00834	Achieved		100
7590	7755	117.15757	106.45144	106.45144	100	0.00%	0.00%	165	141	165	165.00108	Achieved		100
7600	7765	116.52026	105.81082	105.81082	100	0.00%	0.00%	165	141	165	164.99553	Achieved		100
7610	7775	115.91214	105.17526	105.17526	100	0.00%	0.00%	165	141	165	164.99097	Achieved		100
7620	7785	115.24092	104.53512	104.53512	100	0.00%	0.00%	165	141	165	164.98852	Achieved		100
7630	7795	114.59506	103.92064	103.92064	100	0.00%	0.00%	165	141	165	164.9873	Achieved		100
7640	7805	113.95179	103.30125	103.30125	100	0.00%	0.00%	165	141	165	164.98468	Achieved		100
7650	7815	113.31798	102.67118	102.67118	100	0.00%	0.00%	165	141	165	164.98118	Achieved		100
7660	7825	112.68944	102.04346	102.04346	100	0.00%	0.00%	165	141	165	164.97879	Achieved		100
7670	7835	112.07017	101.39779	101.39779	100	0.00%	0.00%	165	141	165	164.97798	Achieved		100
7680	7845	110.77331	100.13969	100.13969	100	0.00%	0.00%	165	141	165	164.98881	Achieved		100
7700	7865	110.1151	99.53777	99.53777	100	0.00%	0.00%	165	141	165	164.98598	Achieved		100
7710	7875	109.46529	98.93742	98.93742	100	0.00%	0.00%	165	141	165	164.9764	Achieved		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)
7720	7885	108.85547	98.35896	98.35896	100	0.00%	0.00%	165	141	165	164.96371	Achieved		100
7730	7895	108.27325	97.81032	97.81032	100	0.00%	0.00%	165	141	165	164.95026	Achieved		100
7740	7905	107.66094	97.28392	97.28392	100	0.00%	0.00%	165	141	165	164.9402	Achieved		100
7750	7915	107.06811	96.80437	96.80437	100	0.00%	0.00%	165	141	165	164.93132	Achieved		100
7760	7925	106.42831	96.36082	96.36082	100	0.00%	0.00%	165	141	165	164.91797	Achieved		100
7770	7935	105.7868	95.94219	95.94219	100	0.00%	0.00%	165	141	165	164.90032	Achieved		100
7780	7945	105.16323	95.56771	95.56771	100	0.00%	0.00%	165	141	165	164.88022	Achieved		100
7790	7955	104.5064	95.27986	95.27986	100	0.00%	0.00%	165	141	165	164.86023	Achieved		100
7800	7965	103.92388	95.04798	95.04798	100	0.00%	0.00%	165	141	165	164.84327	Achieved		100
7810	7975	103.28078	94.82698	94.82698	100	0.00%	0.00%	165	141	165	164.83139	Achieved		100
7820	7985	102.66328	94.59699	94.59699	100	0.00%	0.00%	165	141	165	164.82498	Achieved		100
7830	7995	102.01953	94.42404	94.42404	100	0.00%	0.00%	165	141	165	164.81929	Achieved		100
7840	8005	101.38744	94.32826	94.32826	100	0.00%	0.00%	165	141	165	164.81145	Achieved		100
7850	8015	100.7497	94.26105	94.26105	100	0.00%	0.00%	165	141	165	164.80491	Achieved		100
7860	8025	100.13294	94.21113	94.21113	100	0.00%	0.00%	165	141	165	164.80545	Achieved		100
7870	8035	99.53324	94.24853	94.24853	100	0.00%	0.00%	165	141	165	164.80176	Achieved		100
7880	8045	98.943	94.30599	94.30599	100	0.00%	0.00%	165	141	165	164.81095	Achieved		100
7890	8055	98.38427	94.31669	94.31669	100	0.00%	0.00%	165	141	165	164.83375	Achieved		100
7900	8065	97.83636	93.41412	91.53387	100	0.00%	0.00%	165	141	115.82646	115.6732	Not Achieved		80
7910	8075	97.33179	94.40494	94.40494	100	0.00%	0.00%	165	141	165	164.87488	Achieved		100
7920	8085	96.87847	94.4221	94.4221	100	0.00%	0.00%	165	141	165	164.89491	Achieved		100
7930	8095	96.44582	94.4852	94.4852	100	0.00%	0.00%	165	141	165	164.91431	Achieved		100
7940	8105	96.04721	94.53718	94.53718	100	0.00%	0.00%	165	141	165	164.93035	Achieved		100
7950	8115	95.70794	94.57849	94.57849	100	0.00%	0.00%	165	141	165	164.94335	Achieved		100
7960	8125	95.44957	94.66206	94.66206	100	0.00%	0.00%	165	141	165	164.95583	Achieved		100
7970	8135	95.24241	94.7467	94.7467	100	0.00%	0.00%	165	141	165	164.96679	Achieved		100
7980	8145	95.01365	94.8021	94.8021	100	0.00%	0.00%	165	141	165	164.97253	Achieved		100
7990	8155	94.80392	94.87927	94.87927	100	0.00%	0.00%	165	141	165	164.97641	Achieved		100
8000	8165	94.66597	95.01461	95.01461	100	0.00%	0.00%	165	141	165	164.98579	Achieved		100
8010	8175	94.58213	95.13549	95.13549	100	0.00%	0.00%	165	141	165	164.99857	Achieved		100
8020	8185	94.53485	95.2953	95.2953	100	0.00%	0.00%	165	141	165	164.99111	Achieved		100
8030	8195	94.52176	95.45252	95.45252	100	0.00%	0.00%	165	141	165	165.02043	Achieved		100
8040	8205	94.57803	95.65303	95.65303	100	0.00%	0.00%	165	141	165	165.03123	Achieved		100
8050	8215	94.61713	95.87635	95.87635	100	0.00%	0.00%	165	141	165	165.03716	Achieved		100
8060	8225	94.628	96.10179	96.10179	100	0.00%	0.00%	165	141	165	165.0451	Achieved		100
8070	8235	94.67714	96.32019	96.32019	100	0.00%	0.00%	165	141	165	165.06215	Achieved		100
8080	8245	94.71062	96.52726	96.52726	100	0.00%	0.00%	165	141	165	165.0727	Achieved		100
8090	8255	94.7477	96.73748	96.73748	100	0.00%	0.00%	165	141	165	165.07695	Achieved		100
8100	8265	94.81855	97.01782	97.01782	100	0.00%	0.00%	165	141	165	165.07562	Achieved		100
8110	8275	94.8506	97.26788	97.26788	100	0.00%	0.00%	165	141	165	165.07218	Achieved		100
8120	8285	94.91888	97.50957	97.50957	100	0.00%	0.00%	165	141	165	165.06699	Achieved		100
8130	8295	95.00599	97.75136	97.75136	100	0.00%	0.00%	165	141	165	165.05672	Achieved		100
8140	8305	95.07893	97.9935	97.9935	100	0.00%	0.00%	165	141	165	165.04061	Achieved		100
8150	8315	95.13106	98.22964	98.22964	100	0.00%	0.00%	165	141	165	165.00625	Achieved		100
8160	8325	95.23851	98.45845	98.45845	100	0.00%	0.00%	165	141	165	164.94281	Achieved		100
8170	8335	95.38559	98.70084	98.70084	100	0.00%	0.00%	165	141	165	164.87759	Achieved		100
8180	8345	95.52544	98.94605	98.94605	100	0.00%	0.00%	165	141	165	164.83732	Achieved		100
8190	8355	95.6697	99.19453	99.19453	100	0.00%	0.00%	165	141	165	164.81806	Achieved		100
8200	8365	95.84704	99.47676	99.47676	100	0.00%	0.00%	165	141	165	164.81258	Achieved		100
8210	8375	96.06458	99.76666	99.76666	100	0.00%	0.00%	165	141	165	164.82146	Achieved		100
8220	8385	96.28887	100.079	100.079	100	0.00%	0.00%	165	141	165	164.83805	Achieved		100
8230	8395	96.51139	100.37958	100.37958	100	0.00%	0.00%	165	141	165	164.85763	Achieved		100
8240	8405	96.72732	100.6598	100.6598	100	0.00%	0.00%	165	141	165	164.87598	Achieved		100
8250	8415	96.93383	100.96697	100.96697	100	0.00%	0.00%	165	141	165	164.90211	Achieved		100
8260	8425	97.18895	101.30144	101.30144	100	0.00%	0.00%	165	141	165	164.94438	Achieved		100
8270	8435	97.44374	101.68021	101.68021	100	0.00%	0.00%	165	141	165	164.99314	Achieved		100
8280	8445	97.6898	102.03079	102.03079	100	0.00%	0.00%	165	141	165	165.0298	Achieved		100
8290	8455	97.93051	102.36194	102.36194	100	0.00%	0.00%	165	141	165	165.05474	Achieved		100
8300	8465	98.17163	102.73028	102.73028	100	0.00%	0.00%	165	141	165	165.07246	Achieved		100
8310	8475	98.41433	103.09081	103.09081	100	0.00%	0.00%	165	141	165	165.0711	Achieved		100
8320	8485	98.64426	103.4623	103.4623	100	0.00%	0.00%	165	141	165	165.0647	Achieved		100
8330	8495	98.87611	103.82379	103.82379	100	0.00%	0.00%	165	141	165	165.0489	Achieved		100
8340	8505	99.12718	104.21605	104.21605	100	0.00%	0.00%	165	141	165	165.04436	Achieved		100
8350	8515	99.36839	104.58027	104.58027	100	0.00%	0.00%	165	141	165	165.02983	Achieved		100
8360	8525	99.63163	104.96955	104.96955	100	0.00%	0.00%	165	141	165	165.00419	Achieved		100
8370	8535	99.92029	105.35748	105.35748	100	0.00%	0.00%	165	141	165	164.9705	Achieved		100
8380	8545	100.21923	105.74914	105.74914	100	0.00%	0.00%	165	141	165	164.93227	Achieved		100
8390	8555	100.53373	106.1481	106.1481	100	0.00%	0.00%	165	141	165	164.8903	Achieved		100
8400	8565	100.81969	106.52002	106.52002	100	0.00%	0.00%	165	141	165	164.85069	Achieved		100
8410	8575	101.10631	106.88936	106.88936	100	0.00%	0.00%	165	141	165	164.81766	Achieved		100
8420	8585	101.43149	107.21742	107.21742	100	0.00%	0.00%	165	141	165	164.78633	Achieved		100
8430	8595	101.78712	107.53537	107.53537	100	0.00%	0.00%	165	141	165	164.75241	Achieved		100
8440	8605	102.16093	107.84061	107.84061	100	0.00%	0.00%	165	141	165	164.71904	Achieved		100
8450	8615	102.49255	108.13333	108.13333	100	0.00%	0.00%	165	141	165	164.68916	Achieved		100
8460	8625	102.84788	108.42096	108.42096	100	0.00%	0.00%	165	141	165	164.65411	Achieved		100
8470	8635	103.20518	108.72966	108.72966	100	0.00%	0.00%	165	141	165	164.61765	Achieved		100
8480	8645	103.58027	109.05337	109.05337	100	0.00%	0.00%	165	141	165	164.59707	Achieved		100
8490	8655	103.94343	109.41201	109.41201	100	0.00%	0.00%	165	141	165	164.59927	Achieved		100
8500	8665	104.31665	109.79673	109.79673	100	0.00%	0.00%	165	141	165	164.61332	Achieved		100
8510	8675	104.70225	110.22451	110.22451	100	0.00%	0.00%	165	141	165	164.6347	Achieved		100
8520	8685	105.0725	110.69773	110.69773	100	0.00%	0.00%	165	141	165	164.66322	Achieved		100
8530	8695	105.46433	111.20265	111.20265	100	0.00%	0.00%	165	141	165	164.69752	Achieved		100
8540	8705	105.85092	111.72563	111.72563	100	0.00%	0.00%	165	141	165	164.73381	Achieved		100
8550	8715	106.25003	112.26301	112.26301	100	0.00%	0.00%	165	141	165	164.77013	Achieved		100
8560	8725	106.63322	112.80612	112.80612	100	0.00%	0.00%	165	141	165	164.80733	Achieved		100
8570	8735	107.01184	113.34038	113.34038	100	0.00%	0.00%	165	141	165	164.84308	Achieved		100
8580	8745	107.35625	113.87789	113.87789	100	0.00%	0.00%	165	141	165	165.05483	Achieved		100
8590	8755	107.67834	114.38434	114.38434	100	0.00%	0.00%	165	141	165	165.07195	Achieved		100
8600	8765	107.98925	114.87535	114.87535	100	0.00%	0.00%	165	141	165	165.09524	Achieved		100
8610	8775	108.28811	115.3393	115.3393	100	0.00%	0.00%	165	141	165	165.12713	Achieved		100
8620	8785	108.57704	115.79123	115.79123	100	0.00%	0.00%	165	141	165	165.15246	Achieved		100
8630	8795	108.86967	116.24776	116.24776	100	0.00%	0.00%	165	141	165	165.16742	Achieved		100
8640	8805	109.19242	116.69014	116.69014	100	0.00%	0.00%	165	141	165	165.17479	Achieved		100
8650	8815	109.52854	117.08896	117.08896	100	0.00%	0.00%	165	141	165	165.17742	Achieved		100
8660	8825	109.90047	117.44818	117.44818	100	0.00%	0.00%	165	141	165	165.17921	Achieved		100
8670	8835	110.30476	117.81854	117.81854	100	0.00%	0.00%	165	141	165	165.18031	Achieved		100
8680	8845	110.75696	118.18424	118.18424	100	0.00%	0.00%	165	141	165	165.18222	Achieved		100
8690	8855	111.24481	118.51381	118.51381	100	0.00%	0.00%	165	141	165	165.18636	Achieved		100
8700	8865	111.76162	118.82563	118.82563	100	0.00%	0.00%	165	141	165	165.19074	Achieved		100
8710	8875	112.29407	119.16057	119.16057	100	0.00%	0.00%	165	141	165	165.19399	Achieved		100
8720	8885	112.83417	119.51334	119.51334	100	0.00%	0.00%	165	141	165	165.19588	Achieved		100
8730	8895	113.3747	119.89148	119.89148	100	0.00%	0.00%	165	141	165	165.19706	Achieved		100
8740	8905	113.90304	120.30239	120.30239	100	0.00%	0.00%	165	141	165	165.20172	Achieved		100
8750	8915	114.43575	120.72042	120.72042	100	0.00%	0.00%	165	141	165	165.02138	Achieved		100
8760	8925	114.93619	121.1635	121.1635	100	0.00%	0.00%	165	141	165	165.03162	Achieved		100
8770	8935	115.40159	121.63567	121.63567	100	0.00%	0.00%	165	141	165	165.04192	Achieved		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)
8780	8945	115.874	122.14463	122.14463	100	0.00%	0.00%	165	141	165	165.06597	Achieved		100
8790	8955	116.3122	122.65039	122.65039	100	0.00%	0.00%	165	141	165	165.09171	Achieved		100
8800	8965	116.77498	123.12938	123.12938	100	0.00%	0.00%	165	141	165	165.09749	Achieved		100
8810	8975	117.1964	123.5881	123.5881	100	0.00%	0.00%	165	141	165	165.08974	Achieved		100
8820	8985	117.57154	124.05621	124.05621	100	0.00%	0.00%	165	141	165	165.07604	Achieved		100
8830	8995	117.92988	124.51335	124.51335	100	0.00%	0.00%	165	141	165	165.04773	Achieved		100
8840	9005	118.30634	124.95119	124.95119	100	0.00%	0.00%	165	141	165	164.99864	Achieved		100
8850	9015	118.6507	125.43033	125.43033	100	0.00%	0.00%	165	141	165	164.93389	Achieved		100
8860	9025	118.96999	125.8828	125.8828	100	0.00%	0.00%	165	141	165	164.8576	Achieved		100
8870	9035	119.2901	126.30084	126.30084	100	0.00%	0.00%	165	141	165	164.76886	Achieved		100
8880	9045	119.63502	126.69742	126.69742	100	0.00%	0.00%	165	141	165	164.66998	Achieved		100
8890	9055	119.99763	127.09546	127.09546	100	0.00%	0.00%	165	141	165	164.56992	Achieved		100
8900	9065	120.3973	127.47073	127.47073	100	0.00%	0.00%	165	141	165	164.47714	Achieved		100
8910	9075	120.80714	127.78209	127.78209	100	0.00%	0.00%	165	141	165	164.39621	Achieved		100
8920	9085	121.24057	128.08375	128.08375	100	0.00%	0.00%	165	141	165	164.33899	Achieved		100
8930	9095	121.69444	128.37275	128.37275	100	0.00%	0.00%	165	141	165	164.33437	Achieved		100
8940	9105	122.19022	128.62292	128.62292	100	0.00%	0.00%	165	141	165	164.37783	Achieved		100
8950	9115	122.69808	128.87896	128.87896	100	0.00%	0.00%	165	141	165	164.42343	Achieved		100
8960	9125	123.19338	129.14314	129.14314	100	0.00%	0.00%	165	141	165	164.46458	Achieved		100
8970	9135	123.66315	129.3726	129.3726	100	0.00%	0.00%	165	141	165	164.53454	Achieved		100
8980	9145	124.11722	129.56498	129.56498	100	0.00%	0.00%	165	141	165	164.63469	Achieved		100
8990	9155	124.58815	129.74203	129.74203	100	0.00%	0.00%	165	141	165	164.73681	Achieved		100
9000	9165	125.03121	129.91576	129.91576	100	0.00%	0.00%	165	141	165	164.82839	Achieved		100
9010	9175	125.48723	130.07527	130.07527	100	0.00%	0.00%	165	141	165	164.91231	Achieved		100
9020	9185	125.9645	130.23279	130.23279	100	0.00%	0.00%	165	141	165	164.98311	Achieved		100
9030	9195	126.39259	130.40645	130.40645	100	0.00%	0.00%	165	141	165	165.03059	Achieved		100
9040	9205	126.80303	130.57469	130.57469	100	0.00%	0.00%	165	141	165	165.04864	Achieved		100
9050	9215	127.19479	130.71601	130.71601	100	0.00%	0.00%	165	141	165	165.03763	Achieved		100
9060	9225	127.58989	130.83823	130.83823	100	0.00%	0.00%	165	141	165	164.99578	Achieved		100
9070	9235	127.93162	130.93016	130.93016	100	0.00%	0.00%	165	141	165	164.92284	Achieved		100
9080	9245	128.23238	131.05969	131.05969	100	0.00%	0.00%	165	141	165	164.83311	Achieved		100
9090	9255	128.53203	131.22203	131.22203	100	0.00%	0.00%	165	141	165	164.73474	Achieved		100
9100	9265	128.80198	131.43499	131.43499	100	0.00%	0.00%	165	141	165	164.61621	Achieved		100
9110	9275	129.04639	131.69475	131.69475	100	0.00%	0.00%	165	141	165	164.47556	Achieved		100
9120	9285	129.31399	131.96602	131.96602	100	0.00%	0.00%	165	141	165	164.32888	Achieved		100
9130	9295	129.56396	132.2169	132.2169	100	0.00%	0.00%	165	141	165	164.18142	Achieved		100
9140	9305	129.77133	132.51315	132.51315	100	0.00%	0.00%	165	141	165	164.02408	Achieved		100
9150	9315	129.95382	132.81246	132.81246	100	0.00%	0.00%	165	141	165	163.85884	Achieved		100
9160	9325	130.13001	133.0619	133.0619	100	0.00%	0.00%	165	141	165	163.69276	Achieved		100
9170	9335	130.29816	133.3065	133.3065	100	0.00%	0.00%	165	141	165	163.53088	Achieved		100
9180	9345	130.4523	133.57746	133.57746	100	0.00%	0.00%	165	141	165	163.38684	Achieved		100
9190	9355	130.61615	133.85966	133.85966	100	0.00%	0.00%	165	141	165	163.26833	Achieved		100
9200	9365	130.79565	134.18362	134.18362	100	0.00%	0.00%	165	141	165	163.22217	Achieved		100
9210	9375	130.94865	134.53943	134.53943	100	0.00%	0.00%	165	141	165	163.2211	Achieved		100
9220	9385	131.07904	134.89954	134.89954	100	0.00%	0.00%	165	141	165	163.25759	Achieved		100
9230	9395	131.19606	135.24112	135.24112	100	0.00%	0.00%	165	141	165	163.32015	Achieved		100
9240	9405	131.30115	135.57236	135.57236	100	0.00%	0.00%	165	141	165	163.40704	Achieved		100
9250	9415	131.43431	135.88941	135.88941	100	0.00%	0.00%	165	141	165	163.51582	Achieved		100
9260	9425	131.62262	136.18547	136.18547	100	0.00%	0.00%	165	141	165	163.64138	Achieved		100
9270	9435	131.85943	136.49965	136.49965	100	0.00%	0.00%	165	141	165	163.78124	Achieved		100
9280	9445	132.13521	136.83827	136.83827	100	0.00%	0.00%	165	141	165	163.92917	Achieved		100
9290	9455	132.38796	137.17581	137.17581	100	0.00%	0.00%	165	141	165	164.07705	Achieved		100
9300	9465	132.66182	137.50672	137.50672	100	0.00%	0.00%	165	141	165	164.21953	Achieved		100
9310	9475	132.96456	137.82717	137.82717	100	0.00%	0.00%	165	141	165	164.35504	Achieved		100
9320	9485	133.24501	138.12455	138.12455	100	0.00%	0.00%	165	141	165	164.4841	Achieved		100
9330	9495	133.48069	138.41001	138.41001	100	0.00%	0.00%	165	141	165	164.60003	Achieved		100
9340	9505	133.73623	138.69208	138.69208	100	0.00%	0.00%	165	141	165	164.68872	Achieved		100
9350	9515	134.02009	138.97703	138.97703	100	0.00%	0.00%	165	141	165	164.76988	Achieved		100
9360	9525	134.3151	139.26473	139.26473	100	0.00%	0.00%	165	141	165	164.79576	Achieved		100
9370	9535	134.65801	139.59373	139.59373	100	0.00%	0.00%	165	141	165	164.8483	Achieved		100
9380	9545	135.02287	139.94209	139.94209	100	0.00%	0.00%	165	141	165	164.87463	Achieved		100
9390	9555	135.37176	140.24225	140.24225	100	0.00%	0.00%	165	141	165	164.89706	Achieved		100
9400	9565	135.70804	140.56256	140.56256	100	0.00%	0.00%	165	141	165	164.92526	Achieved		100
9410	9575	136.03202	140.9857	140.9857	100	0.00%	0.00%	165	141	165	164.95293	Achieved		100
9420	9585	136.34029	141.44842	141.44842	100	0.00%	0.00%	165	141	165	164.96577	Achieved		100
9430	9595	136.63793	141.91375	141.91375	100	0.00%	0.00%	165	141	165	164.96568	Achieved		100
9440	9605	136.96763	142.39114	142.39114	100	0.00%	0.00%	165	141	165	164.97805	Achieved		100
9450	9615	137.30785	142.88125	142.88125	100	0.00%	0.00%	165	141	165	164.99203	Achieved		100
9460	9625	137.64318	143.41148	143.41148	100	0.00%	0.00%	165	141	165	164.9984	Achieved		100
9470	9635	137.96821	143.93915	143.93915	100	0.00%	0.00%	165	141	165	164.99705	Achieved		100
9480	9645	138.27805	144.46537	144.46537	100	0.00%	0.00%	165	141	165	164.9956	Achieved		100
9490	9655	138.56778	144.97712	144.97712	100	0.00%	0.00%	165	141	165	164.99653	Achieved		100
9500	9665	138.85256	145.43087	145.43087	100	0.00%	0.00%	165	141	165	164.99942	Achieved		100
9510	9675	139.13126	145.9493	145.9493	100	0.00%	0.00%	165	141	165	165.00341	Achieved		100
9520	9685	139.41947	146.47549	146.47549	100	0.00%	0.00%	165	141	165	165.00166	Achieved		100
9530	9695	139.71977	147.02916	147.02916	100	0.00%	0.00%	165	141	165	164.99617	Achieved		100
9540	9705	140.08015	147.6042	147.6042	100	0.00%	0.00%	165	141	165	165.00203	Achieved		100
9550	9715	140.39202	148.198	148.198	100	0.00%	0.00%	165	141	165	165.0201	Achieved		100
9560	9725	140.69762	148.77499	148.77499	100	0.00%	0.00%	165	141	165	165.02835	Achieved		100
9570	9735	141.05655	149.36614	149.36614	100	0.00%	0.00%	165	141	165	165.02558	Achieved		100
9580	9745	141.51956	149.96476	149.96476	100	0.00%	0.00%	165	141	165	165.0283	Achieved		100
9590	9755	141.97796	150.53433	150.53433	100	0.00%	0.00%	165	141	165	165.04219	Achieved		100
9600	9765	142.45328	151.08471	151.08471	100	0.00%	0.00%	165	141	165	165.05898	Achieved		100
9610	9775	142.93021	151.60156	151.60156	100	0.00%	0.00%	165	141	165	165.06924	Achieved		100
9620	9785	143.44353	152.10615	152.10615	100	0.00%	0.00%	165	141	165	165.06822	Achieved		100
9630	9795	143.9775	152.5889	152.5889	100	0.00%	0.00%	165	141	165	165.06696	Achieved		100
9640	9805	144.4989	153.03433	153.03433	100	0.00%	0.00%	165	141	165	165.06927	Achieved		100
9650	9815	145.02698	153.47379	153.47379	100	0.00%	0.00%	165	141	165	165.0688	Achieved		100
9660	9825	145.51523	153.9107	153.9107	100	0.00%	0.00%	165	141	165	165.06275	Achieved		100
9670	9835	145.99517	154.33617	154.33617	100	0.00%	0.00%	165	141	165	165.05108	Achieved		100
9680	9845	146.50964	154.75829	154.75829	100	0.00%	0.00%	165	141	165	165.03496	Achieved		100
9690	9855	147.04878	155.18999	155.18999	100	0.00%	0.00%	165	141	165	165.0217	Achieved		100
9700	9865	147.60902	155.59443	155.59443	100	0.00%	0.00%	165	141	165	165.01113	Achieved		100
9710	9875	148.2064	155.97697	155.97697	100	0.00%	0.00%	165	141	165	165.00231	Achieved		100
9720	9885	148.78639	156.38522	156.38522	100	0.00%	0.00%	165	141	165	165.0003	Achieved		100
9730	9895	149.36773	156.84509	156.84509	100	0.00%	0.00%	165	141	165	165.00677	Achieved		100
9740	9905	149.96403	157.33961	157.33961	100	0.00%	0.00%	165	141	165	165.01816	Achieved		100
9750	9915	150.55533	157.85791	157.85791	100	0.00%	0.00%	165	141	165	165.02971	Achieved		100
9760	9925	151.1119	158.41993	158.41993	100	0.00%	0.00%	165	141	165	165.03436	Achieved		100
9770	9935	151.64517	158.98133	158.98133	100	0.00%	0.00%	165	141	165	165.0331	Achieved		100
9780	9945	152.15383	159.55946	159.55946	100	0.00%	0.00%	165	141	165	165.0383	Achieved		100
9790	9955	152.65181	160.14321	160.14321	100	0.00%	0.00%	165	141	165	165.05333	Achieved		100
9800	9965	153.11635	160.76581	160.76581	100	0.00%	0.00%	165	141	165	165.07256	Achieved		100
9810	9975	153.55029	161.44194	161.44194	100	0.00%	0.00%	165	141	165	165.08193	Achieved		100
9820	9985	153.99563	162.13747	162.13747	100	0.00%	0.00%	165	141	165	165.08641	Achieved		100
9830	9995	154.42403	162.86069	162.86069	100	0.00%	0.00%	165	141	165	165.08562	Achieved		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)
9840	10005	154.84653	163.66278	163.66278	100	0.00%	0.00%	165	141	165	165.07838	Achieved		100
9850	10015	155.27345	164.57334	164.57334	100	0.00%	0.00%	165	141	165	165.07185	Achieved		100
9860	10025	155.6966	165.50887	165.50887	100	0.00%	0.00%	165	141	165	165.06926	Achieved		100
9870	10035	156.08594	166.44384	166.44384	100	0.00%	0.00%	165	141	165	165.06695	Achieved		100
9880	10045	156.47728	167.50708	167.50708	100	0.00%	0.00%	165	141	165	165.05855	Achieved		100
9890	10055	156.90545	168.53385	168.53385	100	0.00%	0.00%	165	141	165	165.04895	Achieved		100
9900	10065	157.39292	169.53744	169.53744	100	0.00%	0.00%	165	141	165	165.04254	Achieved		100
9910	10075	157.89375	170.60428	170.60428	100	0.00%	0.00%	165	141	165	165.03706	Achieved		100
9920	10085	158.4352	171.69658	171.69658	100	0.00%	0.00%	165	141	165	165.03246	Achieved		100
9930	10095	159.00252	172.75095	172.75095	100	0.00%	0.00%	165	141	165	165.03175	Achieved		100
9940	10105	159.56679	173.82611	173.82611	100	0.00%	0.00%	165	141	165	165.03449	Achieved		100
9950	10115	160.15164	174.93422	174.93422	100	0.00%	0.00%	165	141	165	165.04006	Achieved		100
9960	10125	160.74554	175.97958	175.97958	100	0.00%	0.00%	165	141	165	165.05072	Achieved		100
9970	10135	161.39964	177.01936	177.01936	100	0.00%	0.00%	165	141	165	165.06339	Achieved		100
9980	10145	162.0881	178.06065	178.06065	100	0.00%	0.00%	165	141	165	165.07127	Achieved		100
9990	10155	162.79507	179.08627	179.08627	100	0.00%	0.00%	165	141	165	165.07839	Achieved		100
10000	10165	163.5444	180.108	180.108	100	0.00%	0.00%	165	141	165	165.09094	Achieved		100
10010	10175	164.41252	181.12474	181.12474	100	0.00%	0.00%	165	141	165	165.11401	Achieved		100
10020	10185	165.34286	182.14293	182.14293	100	0.00%	0.00%	165	141	165	165.08526	Achieved		100
10030	10195	166.26831	183.16637	183.16637	100	0.00%	0.00%	165	141	165	165.04193	Achieved		100
10040	10205	167.26585	184.17988	184.17988	100	0.00%	0.00%	165	141	165	164.9632	Achieved		100
10050	10215	168.32502	185.19897	185.19897	100	0.00%	0.00%	165	141	165	164.86926	Achieved		100
10060	10225	169.32877	186.26091	186.26091	100	0.00%	0.00%	165	141	165	164.76686	Achieved		100
10070	10235	170.36769	187.34417	187.34417	100	0.00%	0.00%	165	141	165	164.67107	Achieved		100
10080	10245	171.45392	188.43315	188.43315	100	0.00%	0.00%	165	141	165	164.59862	Achieved		100
10090	10255	172.53072	189.4874	189.4874	100	0.00%	0.00%	165	141	165	164.55604	Achieved		100
10100	10265	173.58311	190.50708	190.50708	100	0.00%	0.00%	165	141	165	164.54298	Achieved		100
10110	10275	174.67952	191.49217	191.49217	100	0.00%	0.00%	165	141	165	164.55518	Achieved		100
10120	10285	175.76646	192.46677	192.46677	100	0.00%	0.00%	165	141	165	164.58844	Achieved		100
10130	10295	176.79701	193.44108	193.44108	100	0.00%	0.00%	165	141	165	164.64575	Achieved		100
10140	10305	177.841	194.40517	194.40517	100	0.00%	0.00%	165	141	165	164.72696	Achieved		100
10150	10315	178.87741	195.35977	195.35977	100	0.00%	0.00%	165	141	165	164.82808	Achieved		100
10160	10325	179.89273	196.30032	196.30032	100	0.00%	0.00%	165	141	165	164.93196	Achieved		100
10170	10335	180.92004	197.22925	197.22925	100	0.00%	0.00%	165	141	165	165.01398	Achieved		100
10180	10345	181.93074	198.11776	198.11776	100	0.00%	0.00%	165	141	165	165.07561	Achieved		100
10190	10355	182.9557	198.9991	198.9991	100	0.00%	0.00%	165	141	165	165.08681	Achieved		100
10200	10365	183.97551	199.88076	199.88076	100	0.00%	0.00%	165	141	165	165.08348	Achieved		100
10210	10375	184.98791	200.74751	200.74751	100	0.00%	0.00%	165	141	165	165.07271	Achieved		100
10220	10385	186.02347	201.62482	201.62482	100	0.00%	0.00%	165	141	165	165.06308	Achieved		100
10230	10395	187.1003	202.4618	202.4618	100	0.00%	0.00%	165	141	165	165.05445	Achieved		100
10240	10405	188.19066	203.24062	203.24062	100	0.00%	0.00%	165	141	165	165.0398	Achieved		100
10250	10415	189.26892	203.97195	203.97195	100	0.00%	0.00%	165	141	165	165.01455	Achieved		100
10260	10425	190.29868	204.66916	204.66916	100	0.00%	0.00%	165	141	165	164.97142	Achieved		100
10270	10435	191.3074	205.39871	205.39871	100	0.00%	0.00%	165	141	165	164.90765	Achieved		100
10280	10445	192.27816	206.14984	206.14984	100	0.00%	0.00%	165	141	165	164.82202	Achieved		100
10290	10455	193.25298	206.79171	206.79171	100	0.00%	0.00%	165	141	165	164.69222	Achieved		100
10300	10465	194.2245	207.35006	207.35006	100	0.00%	0.00%	165	141	165	164.57306	Achieved		100
10310	10475	195.18362	207.90772	207.90772	100	0.00%	0.00%	165	141	165	164.40979	Achieved		100
10320	10485	196.13156	208.44759	208.44759	100	0.00%	0.00%	165	141	165	164.2182	Achieved		100
10330	10495	197.06958	204.6315	208.9547	100	0.00%	0.00%	165	141	104.62686	104.35141	Not Achieved	HA/VA	80
10340	10505	197.97816	203.55257	209.4561	100	0.00%	0.00%	165	141	79.54262	79.55086	Not Achieved	HA/VA	60
10350	10515	198.85191	203.32136	209.95477	100	0.00%	0.00%	165	141	65.77331	65.84953	Not Achieved	HA/VA	60
10360	10525.027	199.74059	203.40745	210.4096	100	0.00%	0.00%	165	141	55.98339	56.14209	Not Achieved	HA/VA	50
10370	10535	200.62947	203.67388	210.82079	100	0.00%	0.00%	165	141	48.4657	48.72029	Not Achieved	HA/VA	50
10380	10545	201.48789	204.00735	211.22099	100	0.00%	0.00%	165	141	41.88291	42.16623	Not Achieved	HA/VA	40
10390	10555	202.34661	204.49241	211.61452	100	0.00%	0.00%	165	141	37.36438	37.68221	Not Achieved	HA/VA	40
10400	10565	203.16044	205.01401	211.92736	100	0.00%	0.00%	165	141	34.05299	34.39767	Not Achieved	HA/VA	FALSE
10410	10575	203.89915	205.54333	212.18825	100	0.00%	0.00%	165	141	32.02007	32.27615	Not Achieved	HA/VA	FALSE
10420	10585	204.62404	206.1743	212.42403	100	0.00%	0.00%	165	141	32.27898	32.36394	Not Achieved	HA/VA	FALSE
10430	10595	205.31565	206.83816	212.64611	100	0.00%	0.00%	165	141	33.76165	33.8594	Not Achieved	HA/VA	FALSE
10440	10605	206.06831	207.61753	212.85167	100	0.00%	0.00%	165	141	37.34895	37.28618	Not Achieved	HA/VA	40
10450	10615	206.77965	208.33356	213.01317	100	0.00%	0.00%	165	141	40.96094	40.76124	Not Achieved	HA/VA	40
10460	10625	207.37965	208.77275	213.12171	100	0.00%	0.00%	165	141	39.84597	39.72796	Not Achieved	HA/VA	40
10470	10635	207.92874	210.10399	213.19386	100	0.00%	0.00%	165	141	68.58966	67.75211	Not Achieved	HA/VA	60
10480	10645	208.47655	213.25639	213.25639	100	0.00%	0.00%	165	141	165	164.19605	Achieved		100
10490	10655	209.00733	213.30492	213.30492	100	0.00%	0.00%	165	141	165	164.37462	Achieved		100
10500	10665	209.49852	211.28485	213.29816	100	0.00%	0.00%	165	141	77.86452	77.35075	Not Achieved	HA/VA	60
10510	10675	210.00983	211.26927	213.22987	100	0.00%	0.00%	165	141	64.76336	64.40338	Not Achieved	HA/VA	60
10520	10685	210.49336	211.51357	213.16203	100	0.00%	0.00%	165	141	63.23838	62.99016	Not Achieved	HA/VA	50
10530	10695	210.91256	211.72161	213.10187	100	0.00%	0.00%	165	141	61.06018	60.93152	Not Achieved	HA/VA	50
10540	10705	211.32568	211.95562	213.04237	100	0.00%	0.00%	165	141	60.59403	60.52289	Not Achieved	HA/VA	50
10550	10715	211.72658	212.19529	212.93735	100	0.00%	0.00%	165	141	63.89581	63.85998	Not Achieved	HA/VA	60
10560	10725	212.07845	212.42692	212.79958	100	0.00%	0.00%	165	141	79.73805	79.72511	Not Achieved	HA/VA	60
10570	10735	212.36369	212.6707	212.6707	100	0.00%	0.00%	165	141	165	164.99546	Achieved		100
10580	10745	212.60283	212.48262	212.48262	100	0.00%	0.00%	165	141	165	165.00742	Achieved		100
10590	10755	212.8382	212.37242	212.37242	100	0.00%	0.00%	165	141	165	165.0088	Achieved		100
10600	10765	213.05375	212.24929	212.24929	100	0.00%	0.00%	165	141	165	165.00208	Achieved		100
10610	10775	213.2351	212.09566	212.09566	100	0.00%	0.00%	165	141	165	164.99798	Achieved		100
10620	10785	213.3728	211.95334	211.95334	100	0.00%	0.00%	165	141	165	164.9977	Achieved		100
10630	10795	213.45628	211.83724	211.83724	100	0.00%	0.00%	165	141	165	164.99296	Achieved		100
10640	10805	213.52697	211.68981	211.68981	100	0.00%	0.00%	165	141	165	164.98241	Achieved		100
10650	10815	213.58459	211.51284	211.51284	100	0.00%	0.00%	165	141	165	164.96217	Achieved		100
10660	10825	213.61182	211.33001	211.33001	100	0.00%	0.00%	165	141	165	164.92596	Achieved		100
10670	10835	213.57039	211.16692	211.16692	100	0.00%	0.00%	165	141	165	164.90062	Achieved		100
10680	10845	213.49282	210.98383	210.98383	100	0.00%	0.00%	165	141	165	164.89375	Achieved		100
10690	10855	213.43058	210.80906	210.80906	100	0.00%	0.00%	165	141	165	164.89082	Achieved		100
10700	10865	213.37715	210.62564	210.62564	100	0.00%	0.00%	165	141	165	164.88214	Achieved		100
10710	10875	213.30578	210.44082	210.44082	100	0.00%	0.00%	165	141	165	164.87525	Achieved		100
10720	10885	213.16707	210.26278	210.26278	100	0.00%	0.00%	165	141	165	164.87234	Achieved		100
10730	10895	213.04304	210.07951	210.07951	100	0.00%	0.00%	165	141	165	164.87031	Achieved		100
10740	10905	212.87627	209.90223	209.90223	100	0.00%	0.00%	165	141	165	164.86525	Achieved		100
10750	10915	212.72499	209.71903	209.71903	100	0.00%	0.00%	165	141	165	164.86069	Achieved		100
10760	10925	212.61701	209.54713	209.54713	100	0.00%	0.00%	165	141	165	164.86373	Achieved		100
10770	10935	212.47911	209.34249	209.34249	100	0.00%	0.00%	165	141	165	164.87715	Achieved		100
10780	10945	212.32212	209.09318	209.09318	100	0.00%	0.00%	165	141	165	164.88722	Achieved		100
10790	10955	212.19173	208.76766	208.76766	100	0.00%	0.00%	165	141	165	164.89622	Achieved		100
10800	10965	212.06493	208.37237	208.37237	100	0.00%	0.00%	165	141	165	164.97566	Achieved		100
10810	10975	211.90438	207.96057	207.96057	100	0.00%	0.00%	165	141	165	164.99774	Achieved		100
10820	10985	211.72047	207.54761	207.54761	100	0.00%	0.00%	165	141	165	165.03105	Achieved		100
10830	10995	211.5485	207.17264	207.17264	100	0.00%	0.00%	165	141	165	165.05682	Achieved		100
10840	11005	211.37654	206.90453	206.90453	100	0.00%	0.00%	165	141	165	165.05913	Achieved		100
10850	11015	211.19406	206.79203	206.79203	100	0.00%	0.00%	165	141	165	165.0531	Achieved		100
10860	11025	211.01773	206.84788	206.84788	100	0.00%	0.00%	165	141	165	165.05932	Achieved		100
10870	11035	210.83421	207.13473	207.13473	100	0.00%	0.00%	165	141	165	165.06798	Achieved		100
10880	11045	210.65321	207.59529	207.59529	100	0.00%	0.00%	165	141	165	165.06906	Achieved		100
10890	11055	210.47267	208.20153	208.20153	100	0.00%	0.00%	165	141	165	165.06541	Achieved		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)
10900	11065	210.28761	208.91577	208.91577	100	0.00%	0.00%	165	141	165	165.05865	Achieved		100
10910	11075	210.10804	209.69625	209.69625	100	0.00%	0.00%	165	141	165	165.05613	Achieved		100
10920	11085	209.93622	210.50763	210.50763	100	0.00%	0.00%	165	141	165	165.06263	Achieved		100
10930	11095	209.74747	211.32278	211.32278	100	0.00%	0.00%	165	141	165	165.0736	Achieved		100
10940	11105	209.52569	212.13421	212.13421	100	0.00%	0.00%	165	141	165	165.08865	Achieved		100
10950	11115	209.24143	212.91252	212.91252	100	0.00%	0.00%	165	141	165	165.09537	Achieved		100
10960	11125	208.87535	213.63627	213.63627	100	0.00%	0.00%	165	141	165	165.03689	Achieved		100
10970	11135	208.46616	214.32208	214.32208	100	0.00%	0.00%	165	141	165	165.05743	Achieved		100
10980	11145	208.05271	214.96466	214.96466	100	0.00%	0.00%	165	141	165	165.0872	Achieved		100
10990	11155	207.65261	215.53068	215.53068	100	0.00%	0.00%	165	141	165	165.11009	Achieved		100
11000	11165	207.32031	216.01175	216.01175	100	0.00%	0.00%	165	141	165	165.11624	Achieved		100
11010	11175	207.12281	216.42451	216.42451	100	0.00%	0.00%	165	141	165	165.09829	Achieved		100
11020	11185	207.09108	216.79095	216.79095	100	0.00%	0.00%	165	141	165	165.05071	Achieved		100
11030	11195	207.25827	217.08265	217.08265	100	0.00%	0.00%	165	141	165	164.95363	Achieved		100
11040	11205	207.64766	217.27424	217.27424	100	0.00%	0.00%	165	141	165	164.82547	Achieved		100
11050	11215	208.17876	211.62919	217.40766	100	0.00%	0.00%	165	141	61.43844	61.57728	Not Achieved	VA	50
11060	11225	208.84784	211.35911	217.49028	100	0.00%	0.00%	165	141	47.63732	47.82691	Not Achieved	VA	40
11070	11235	209.60149	211.54196	217.53257	100	0.00%	0.00%	165	141	40.02928	40.25231	Not Achieved	VA	40
11080	11245	210.39479	211.97095	217.55725	100	0.00%	0.00%	165	141	35.9224	36.19236	Not Achieved	VA	40
11090	11255	211.21353	212.68802	217.62613	100	0.00%	0.00%	165	141	37.45158	37.80561	Not Achieved	VA	40
11100	11265	212.03244	213.78829	217.76242	100	0.00%	0.00%	165	141	50.11299	50.37048	Not Achieved	VA	50
11110	11275	212.8294	214.3759	217.96191	100	0.00%	0.00%	165	141	49.23581	49.52331	Not Achieved	VA	50
11120	11285	213.57841	218.23188	218.23188	100	0.00%	0.00%	165	141	165	164.39082	Achieved		100
11130	11295	214.28434	218.60044	218.60044	100	0.00%	0.00%	165	141	165	164.43639	Achieved		100
11140	11305	214.95038	219.04507	219.04507	100	0.00%	0.00%	165	141	165	164.54077	Achieved		100
11150	11315	215.55904	219.55674	219.55674	100	0.00%	0.00%	165	141	165	164.62599	Achieved		100
11160	11325	216.0819	220.07898	220.07898	100	0.00%	0.00%	165	141	165	164.71135	Achieved		100
11170	11335	216.52129	220.56945	220.56945	100	0.00%	0.00%	165	141	165	164.78212	Achieved		100
11180	11345	216.91391	221.00332	221.00332	100	0.00%	0.00%	165	141	165	164.81885	Achieved		100
11190	11355	217.25618	221.3521	221.3521	100	0.00%	0.00%	165	141	165	164.80536	Achieved		100
11200	11365	217.4881	221.61916	221.61916	100	0.00%	0.00%	165	141	165	164.73836	Achieved		100
11210	11375	217.64583	221.81283	221.81283	100	0.00%	0.00%	165	141	165	164.63059	Achieved		100
11220	11385	217.75639	222.02589	222.02589	100	0.00%	0.00%	165	141	165	164.48186	Achieved		100
11230	11395	217.81619	222.22876	222.22876	100	0.00%	0.00%	165	141	165	164.29735	Achieved		100
11240	11405	217.84183	222.39793	222.39793	100	0.00%	0.00%	165	141	165	164.09206	Achieved		100
11250	11415	217.88411	222.57542	222.57542	100	0.00%	0.00%	165	141	165	163.88865	Achieved		100
11260	11425	217.98309	222.77159	222.77159	100	0.00%	0.00%	165	141	165	163.71379	Achieved		100
11270	11435	218.15444	222.99398	222.99398	100	0.00%	0.00%	165	141	165	163.58435	Achieved		100
11280	11445	218.38859	223.21379	223.21379	100	0.00%	0.00%	165	141	165	163.51286	Achieved		100
11290	11455	218.70231	223.40753	223.40753	100	0.00%	0.00%	165	141	165	163.51555	Achieved		100
11300	11465	219.11121	223.60267	223.60267	100	0.00%	0.00%	165	141	165	163.60275	Achieved		100
11310	11475	219.59243	223.78751	223.78751	100	0.00%	0.00%	165	141	165	163.76825	Achieved		100
11320	11485	220.12126	223.95507	223.95507	100	0.00%	0.00%	165	141	165	163.99498	Achieved		100
11330	11495	220.6267	224.13895	224.13895	100	0.00%	0.00%	165	141	165	164.24354	Achieved		100
11340	11505	221.09396	224.35129	224.35129	100	0.00%	0.00%	165	141	165	164.4808	Achieved		100
11350	11515	221.49269	224.58543	224.58543	100	0.00%	0.00%	165	141	165	164.68651	Achieved		100
11360	11525	221.80161	224.84371	224.84371	100	0.00%	0.00%	165	141	165	164.84866	Achieved		100
11370	11535	222.0196	225.08218	225.08218	100	0.00%	0.00%	165	141	165	164.94239	Achieved		100
11380	11545	222.21394	225.29275	225.29275	100	0.00%	0.00%	165	141	165	164.98095	Achieved		100
11390	11555	222.4324	225.49739	225.49739	100	0.00%	0.00%	165	141	165	164.98555	Achieved		100
11400	11565	222.61421	225.64722	225.64722	100	0.00%	0.00%	165	141	165	164.97401	Achieved		100
11410	11575	222.78425	225.78813	225.78813	100	0.00%	0.00%	165	141	165	164.96538	Achieved		100
11420	11585	222.96917	225.92998	225.92998	100	0.00%	0.00%	165	141	165	164.96755	Achieved		100
11430	11595	223.17919	226.04142	226.04142	100	0.00%	0.00%	165	141	165	164.97731	Achieved		100
11440	11605	223.40674	226.13982	226.13982	100	0.00%	0.00%	165	141	165	164.9932	Achieved		100
11450	11615	223.61223	226.22281	226.22281	100	0.00%	0.00%	165	141	165	165.01431	Achieved		100
11460	11625	223.80497	226.27032	226.27032	100	0.00%	0.00%	165	141	165	165.03728	Achieved		100
11470	11635	223.99656	226.29291	226.29291	100	0.00%	0.00%	165	141	165	165.05732	Achieved		100
11480	11645	224.17214	226.2885	226.2885	100	0.00%	0.00%	165	141	165	165.07082	Achieved		100
11490	11655	224.34344	226.263	226.263	100	0.00%	0.00%	165	141	165	165.07476	Achieved		100
11500	11665	224.54329	226.24259	226.24259	100	0.00%	0.00%	165	141	165	165.06882	Achieved		100
11510	11675	224.76611	226.20503	226.20503	100	0.00%	0.00%	165	141	165	165.05761	Achieved		100
11520	11685	225.01322	226.1651	226.1651	100	0.00%	0.00%	165	141	165	165.04223	Achieved		100
11530	11695	225.26579	226.14103	226.14103	100	0.00%	0.00%	165	141	165	165.02397	Achieved		100
11540	11705	225.49149	226.10066	226.10066	100	0.00%	0.00%	165	141	165	165.01208	Achieved		100
11550	11715	225.69674	226.00556	226.00556	100	0.00%	0.00%	165	141	165	165.01805	Achieved		100
11560	11725	225.87853	225.90125	225.90125	100	0.00%	0.00%	165	141	165	165.04403	Achieved		100
11570	11735	226.01773	225.81721	225.81721	100	0.00%	0.00%	165	141	165	165.08084	Achieved		100
11580	11745	226.15812	225.73867	225.73867	100	0.00%	0.00%	165	141	165	165.11644	Achieved		100
11590	11755	226.28913	225.65951	225.65951	100	0.00%	0.00%	165	141	165	165.14424	Achieved		100
11600	11765	226.38621	225.53152	225.53152	100	0.00%	0.00%	165	141	165	165.08586	Achieved		100
11610	11775	226.48693	225.37997	225.37997	100	0.00%	0.00%	165	141	165	164.99582	Achieved		100
11620	11785	226.55329	225.26052	225.26052	100	0.00%	0.00%	165	141	165	164.82219	Achieved		100
11630	11795	226.59545	225.12972	225.12972	100	0.00%	0.00%	165	141	165	164.60536	Achieved		100
11640	11805	226.59045	224.98644	224.98644	100	0.00%	0.00%	165	141	165	164.37656	Achieved		100
11650	11815	226.57429	224.84589	224.84589	100	0.00%	0.00%	165	141	165	164.15931	Achieved		100
11660	11825	226.55796	224.7179	224.7179	100	0.00%	0.00%	165	141	165	163.98258	Achieved		100
11670	11835	226.52628	224.57939	224.57939	100	0.00%	0.00%	165	141	165	163.86793	Achieved		100
11680	11845	226.48631	224.46063	224.46063	100	0.00%	0.00%	165	141	165	163.82655	Achieved		100
11690	11855	226.44833	224.35145	224.35145	100	0.00%	0.00%	165	141	165	163.86191	Achieved		100
11700	11865	226.42835	224.25109	224.25109	100	0.00%	0.00%	165	141	165	163.97445	Achieved		100
11710	11875	226.35857	224.18267	224.18267	100	0.00%	0.00%	165	141	165	164.15527	Achieved		100
11720	11885	226.25382	224.14591	224.14591	100	0.00%	0.00%	165	141	165	164.36722	Achieved		100
11730	11895	226.15239	224.13073	224.13073	100	0.00%	0.00%	165	141	165	164.56801	Achieved		100
11740	11905	226.07949	224.1142	224.1142	100	0.00%	0.00%	165	141	165	164.72419	Achieved		100
11750	11915	226.00384	224.0927	224.0927	100	0.00%	0.00%	165	141	165	164.78118	Achieved		100
11760	11925	225.90286	224.06152	224.06152	100	0.00%	0.00%	165	141	165	164.74552	Achieved		100
11770	11935	225.75305	224.05063	224.05063	100	0.00%	0.00%	165	141	165	164.67414	Achieved		100
11780	11945	225.61712	224.05209	224.05209	100	0.00%	0.00%	165	141	165	164.52586	Achieved		100
11790	11955	225.49689	224.01578	224.01578	100	0.00%	0.00%	165	141	165	164.39264	Achieved		100
11800	11965	225.35909	223.94498	223.94498	100	0.00%	0.00%	165	141	165	164.29383	Achieved		100
11810	11975	225.21588	223.87329	223.87329	100	0.00%	0.00%	165	141	165	164.23901	Achieved		100
11820	11985	225.07955	223.80745	223.80745	100	0.00%	0.00%	165	141	165	164.22336	Achieved		100
11830	11995	224.94858	223.73879	223.73879	100	0.00%	0.00%	165	141	165	164.24827	Achieved		100
11840	12005	224.81594	223.66392	223.66392	100	0.00%	0.00%	165	141	165	164.30759	Achieved		100
11850	12015	224.70575	223.57086	223.57086	100	0.00%	0.00%	165	141	165	164.39263	Achieved		100
11860	12025	224.60035	223.4919	223.4919	100	0.00%	0.00%	165	141	165	164.49059	Achieved		100
11870	12035	224.51129	223.393	223.393	100	0.00%	0.00%	165	141	165	164.59124	Achieved		100
11880	12045	224.46092	223.25394	223.25394	100	0.00%	0.00%	165	141	165	164.68253	Achieved		100
11890	12055	224.43595	223.10325	223.10325	100	0.00%	0.00%	165	141	165	164.7602	Achieved		100
11900	12065	224.423	222.90245	222.90245	100	0.00%	0.00%	165	141	165	164.83841	Achieved		100
11910	12075	224.40427	222.66367	222.66367	100	0.00%	0.00%	165	141	165	164.88439	Achieved		100
11920	12085	224.38203	222.37161	222.37161	100	0.00%	0.00%	165	141	165	164.91792	Achieved		100
11930	12095	224.35092	222.05336	222.05336	100	0.00%	0.00%	165	141	165	164.93796	Achieved		100
11940	12105	224.35447	221.72697	221.72697	100	0.00%	0.00%	165	141	165	164.94823	Achieved		100
11950	12115	224.33925	221.36195	221.36195	100	0.00%	0.00%	165	141	165	164.9494	Achieved		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)
11960	12125	224.28364	220.98372	220.98372	100	0.00%	0.00%	165	141	165	164.93503	Achieved		100
11970	12135	224.20938	220.59261	220.59261	100	0.00%	0.00%	165	141	165	164.90142	Achieved		100
11980	12145.024	224.14076	220.20507	220.20507	100	0.00%	0.00%	165	141	165.02401	164.85093	Achieved		100
11990	12155	224.073	219.81305	219.81305	100	0.00%	0.00%	165	141	165	164.74507	Achieved		100
12000	12165	224.00266	219.43718	219.43718	100	0.00%	0.00%	165	141	165	164.62296	Achieved		100
12010	12175	223.91642	219.06832	219.06832	100	0.00%	0.00%	165	141	165	164.47789	Achieved		100
12020	12185	223.83076	218.7212	218.7212	100	0.00%	0.00%	165	141	165	164.33335	Achieved		100
12030	12195	223.74732	218.37983	218.37983	100	0.00%	0.00%	165	141	165	164.19512	Achieved		100
12040	12205	223.62498	218.06665	218.06665	100	0.00%	0.00%	165	141	165	164.06698	Achieved		100
12050	12215	223.48307	217.73621	217.73621	100	0.00%	0.00%	165	141	165	163.94596	Achieved		100
12060	12225	223.30864	217.39784	217.39784	100	0.00%	0.00%	165	141	165	163.82782	Achieved		100
12070	12235	223.08849	217.11453	217.11453	100	0.00%	0.00%	165	141	165	163.72414	Achieved		100
12080	12245	222.82643	216.90821	216.90821	100	0.00%	0.00%	165	141	165	163.6498	Achieved		100
12090	12255	222.51166	216.71222	216.71222	100	0.00%	0.00%	165	141	165	163.60768	Achieved		100
12100	12265	222.19076	216.52212	216.52212	100	0.00%	0.00%	165	141	165	163.60155	Achieved		100
12110	12275	221.85244	216.36117	216.36117	100	0.00%	0.00%	165	141	165	163.64078	Achieved		100
12120	12285	221.47169	216.23166	216.23166	100	0.00%	0.00%	165	141	165	163.73111	Achieved		100
12130	12295	221.08874	216.13311	216.13311	100	0.00%	0.00%	165	141	165	163.86083	Achieved		100
12140	12305	220.69647	216.1004	216.1004	100	0.00%	0.00%	165	141	165	164.01588	Achieved		100
12150	12315	220.30884	216.0945	216.0945	100	0.00%	0.00%	165	141	165	164.20191	Achieved		100
12160	12325	219.92365	216.12404	216.12404	100	0.00%	0.00%	165	141	165	164.35951	Achieved		100
12170	12335	219.55283	216.17905	216.17905	100	0.00%	0.00%	165	141	165	164.48079	Achieved		100
12180	12345	219.19033	216.24283	216.24283	100	0.00%	0.00%	165	141	165	164.56327	Achieved		100
12190	12355	218.85201	216.30804	216.30804	100	0.00%	0.00%	165	141	165	164.62487	Achieved		100
12200	12365	218.51728	216.34227	216.34227	100	0.00%	0.00%	165	141	165	164.67797	Achieved		100
12210	12375	218.20637	216.32444	216.32444	100	0.00%	0.00%	165	141	165	164.73214	Achieved		100
12220	12385	217.86497	216.27565	216.27565	100	0.00%	0.00%	165	141	165	164.79134	Achieved		100
12230	12395	217.54499	216.23247	216.23247	100	0.00%	0.00%	165	141	165	164.8425	Achieved		100
12240	12405	217.30833	216.20054	216.20054	100	0.00%	0.00%	165	141	165	164.88114	Achieved		100
12250	12415	217.11009	216.17373	216.17373	100	0.00%	0.00%	165	141	165	164.91633	Achieved		100
12260	12425	216.91632	216.15049	216.15049	100	0.00%	0.00%	165	141	165	164.95166	Achieved		100
12270	12435	216.73701	216.14864	216.14864	100	0.00%	0.00%	165	141	165	164.98278	Achieved		100
12280	12445	216.59492	216.10947	216.10947	100	0.00%	0.00%	165	141	165	165.00589	Achieved		100
12290	12455	216.4738	216.0486	216.0486	100	0.00%	0.00%	165	141	165	165.02735	Achieved		100
12300	12465	216.41434	215.97916	215.97916	100	0.00%	0.00%	165	141	165	165.05368	Achieved		100
12310	12475	216.39545	215.9338	215.9338	100	0.00%	0.00%	165	141	165	165.09151	Achieved		100
12320	12485	216.40424	215.91837	215.91837	100	0.00%	0.00%	165	141	165	165.1268	Achieved		100
12330	12495	216.45018	215.93609	215.93609	100	0.00%	0.00%	165	141	165	165.13733	Achieved		100
12340	12505	216.51324	215.92239	215.92239	100	0.00%	0.00%	165	141	165	165.0387	Achieved		100
12350	12515	216.57482	215.85323	215.85323	100	0.00%	0.00%	165	141	165	164.89189	Achieved		100
12360	12525	216.6318	215.75081	215.75081	100	0.00%	0.00%	165	141	165	164.64907	Achieved		100
12370	12535	216.64072	215.66833	215.66833	100	0.00%	0.00%	165	141	165	164.26122	Achieved		100
12380	12545	216.60036	215.56123	215.56123	100	0.00%	0.00%	165	141	165	163.77179	Achieved		100
12390	12555	216.53332	215.46183	215.46183	100	0.00%	0.00%	165	141	165	163.15772	Achieved		100
12400	12565	216.51695	215.37001	215.37001	100	0.00%	0.00%	165	141	165	162.48809	Achieved		100
12410	12575	216.48574	215.28143	215.28143	100	0.00%	0.00%	165	141	165	161.85736	Achieved		100
12420	12585	216.46226	215.17801	215.17801	100	0.00%	0.00%	165	141	165	161.32213	Achieved		100
12430	12595	216.44582	215.1233	215.1233	100	0.00%	0.00%	165	141	165	160.93075	Achieved		100
12440	12605	216.43791	215.15356	215.15356	100	0.00%	0.00%	165	141	165	160.71121	Achieved		100
12450	12615	216.37319	215.21987	215.21987	100	0.00%	0.00%	165	141	165	160.67869	Achieved		100
12460	12625	216.31785	215.31129	215.31129	100	0.00%	0.00%	165	141	165	160.85231	Achieved		100
12470	12635	216.25449	215.42776	215.42776	100	0.00%	0.00%	165	141	165	161.2283	Achieved		100
12480	12645	216.2194	215.53801	215.53801	100	0.00%	0.00%	165	141	165	161.74489	Achieved		100
12490	12655	216.22888	215.62367	215.62367	100	0.00%	0.00%	165	141	165	162.32495	Achieved		100
12500	12665	216.23396	215.6899	215.6899	100	0.00%	0.00%	165	141	165	162.90173	Achieved		100
12510	12675	216.19482	215.70276	215.70276	100	0.00%	0.00%	165	141	165	163.46562	Achieved		100
12520	12685	216.10236	215.66443	215.66443	100	0.00%	0.00%	165	141	165	163.92038	Achieved		100
12530	12695	216.00952	215.61853	215.61853	100	0.00%	0.00%	165	141	165	164.30119	Achieved		100
12540	12705	215.91778	215.50908	215.50908	100	0.00%	0.00%	165	141	165	164.55192	Achieved		100
12550	12715	215.81205	215.36485	215.36485	100	0.00%	0.00%	165	141	165	164.71303	Achieved		100
12560	12725	215.7132	215.20675	215.20675	100	0.00%	0.00%	165	141	165	164.81574	Achieved		100
12570	12735	215.62697	215.01621	215.01621	100	0.00%	0.00%	165	141	165	164.89592	Achieved		100
12580	12745	215.53087	214.80158	214.80158	100	0.00%	0.00%	165	141	165	164.95073	Achieved		100
12590	12755	215.43782	214.57394	214.57394	100	0.00%	0.00%	165	141	165	164.99768	Achieved		100
12600	12765	215.43108	214.34279	214.34279	100	0.00%	0.00%	165	141	165	165.03619	Achieved		100
12610	12775	215.48278	214.14193	214.14193	100	0.00%	0.00%	165	141	165	165.05702	Achieved		100
12620	12785	215.56411	213.94167	213.94167	100	0.00%	0.00%	165	141	165	165.07077	Achieved		100
12630	12795	215.66682	213.76093	213.76093	100	0.00%	0.00%	165	141	165	165.08529	Achieved		100
12640	12805	215.78521	213.58253	213.58253	100	0.00%	0.00%	165	141	165	165.08919	Achieved		100
12650	12815	215.88474	213.41552	213.41552	100	0.00%	0.00%	165	141	165	165.08101	Achieved		100
12660	12825	215.96103	213.26531	213.26531	100	0.00%	0.00%	165	141	165	165.06766	Achieved		100
12670	12835	216.006	213.1192	213.1192	100	0.00%	0.00%	165	141	165	165.0498	Achieved		100
12680	12845	215.98308	212.98831	212.98831	100	0.00%	0.00%	165	141	165	165.03041	Achieved		100
12690	12855	215.94783	212.8633	212.8633	100	0.00%	0.00%	165	141	165	165.01345	Achieved		100
12700	12865	215.87235	212.74243	212.74243	100	0.00%	0.00%	165	141	165	165.00478	Achieved		100
12710	12875	215.73876	212.61466	212.61466	100	0.00%	0.00%	165	141	165	165.00376	Achieved		100
12720	12885	215.58877	212.46409	212.46409	100	0.00%	0.00%	165	141	165	165.00102	Achieved		100
12730	12895	215.4151	212.31654	212.31654	100	0.00%	0.00%	165	141	165	164.9947	Achieved		100
12740	12905	215.2107	212.15252	212.15252	100	0.00%	0.00%	165	141	165	164.99081	Achieved		100
12750	12915	214.98932	211.99954	211.99954	100	0.00%	0.00%	165	141	165	164.99111	Achieved		100
12760	12925	214.75455	211.84918	211.84918	100	0.00%	0.00%	165	141	165	164.98526	Achieved		100
12770	12935	214.54071	211.70419	211.70419	100	0.00%	0.00%	165	141	165	164.96815	Achieved		100
12780	12945	214.33971	211.54786	211.54786	100	0.00%	0.00%	165	141	165	164.93986	Achieved		100
12790	12955	214.14687	211.37378	211.37378	100	0.00%	0.00%	165	141	165	164.9065	Achieved		100
12800	12965	213.97429	211.192	211.192	100	0.00%	0.00%	165	141	165	164.87218	Achieved		100
12810	12975	213.79343	210.98787	210.98787	100	0.00%	0.00%	165	141	165	164.836	Achieved		100
12820	12985	213.63999	210.77127	210.77127	100	0.00%	0.00%	165	141	165	164.79827	Achieved		100
12830	12995	213.49193	210.5703	210.5703	100	0.00%	0.00%	165	141	165	164.75768	Achieved		100
12840	13005	213.35156	210.38329	210.38329	100	0.00%	0.00%	165	141	165	164.71209	Achieved		100
12850	13015	213.22539	210.17472	210.17472	100	0.00%	0.00%	165	141	165	164.65965	Achieved		100
12860	13025	213.1022	209.94382	209.94382	100	0.00%	0.00%	165	141	165	164.60073	Achieved		100
12870	13035	212.98153	209.71045	209.71045	100	0.00%	0.00%	165	141	165	164.53446	Achieved		100
12880	13045	212.84142	209.5283	209.5283	100	0.00%	0.00%	165	141	165	164.45708	Achieved		100
12890	13055	212.69024	209.37202	209.37202	100	0.00%	0.00%	165	141	165	164.37397	Achieved		100
12900	13065	212.53367	209.18025	209.18025	100	0.00%	0.00%	165	141	165	164.29201	Achieved		100
12910	13075	212.37451	208.97206	208.97206	100	0.00%	0.00%	165	141	165	164.21376	Achieved		100
12920	13085	212.22455	208.76757	208.76757	100	0.00%	0.00%	165	141	165	164.14814	Achieved		100
12930	13095	212.07626	208.53244	208.53244	100	0.00%	0.00%	165	141	165	164.11121	Achieved		100
12940	13105	211.92945	208.2908	208.2908	100	0.00%	0.00%	165	141	165	164.11933	Achieved		100
12950	13115	211.76226	208.04522	208.04522	100	0.00%	0.00%	165	141	165	164.14828	Achieved		100
12960	13125	211.58293	207.79897	207.79897	100	0.00%	0.00%	165	141	165	164.1629	Achieved		100
12970	13135	211.39419	207.51273	207.51273	100	0.00%	0.00%	165	141	165	164.17749	Achieved		100
12980	13145	211.18032	207.26493	207.26493	100	0.00%	0.00%	165	141	165	164.21866	Achieved		100
12990	13155	210.96751	207.06959	207.06959	100	0.00%	0.00%	165	141	165	164.27542	Achieved		100
13000	13165	210.7764	206.91298	206.91298	100	0.00%	0.00%	165	141	165	164.33206	Achieved		100
13010	13175	210.58216	206.76602	206.76602	100	0.00%	0.00%	165	141	165	164.40584	Achieved		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)
13020	13185	210.36412	206.64623	206.64623	100	0.00%	0.00%	165	141	165	164.52327	Achieved		100
13030	13195	210.12532	206.55124	206.55124	100	0.00%	0.00%	165	141	165	164.6664	Achieved		100
13040	13205	209.9109	206.48432	206.48432	100	0.00%	0.00%	165	141	165	164.80092	Achieved		100
13050	13215	209.75198	206.41746	206.41746	100	0.00%	0.00%	165	141	165	164.91424	Achieved		100
13060	13225	209.58238	206.31907	206.31907	100	0.00%	0.00%	165	141	165	164.98418	Achieved		100
13070	13235	209.37563	206.25614	206.25614	100	0.00%	0.00%	165	141	165	164.93728	Achieved		100
13080	13245	209.17207	206.24871	206.24871	100	0.00%	0.00%	165	141	165	164.74426	Achieved		100
13090	13255	208.95224	206.29862	206.29862	100	0.00%	0.00%	165	141	165	164.42025	Achieved		100
13100	13265	208.70962	206.36006	206.36006	100	0.00%	0.00%	165	141	165	163.94822	Achieved		100
13110	13275	208.47117	206.38441	206.38441	100	0.00%	0.00%	165	141	165	163.32969	Achieved		100
13120	13285	208.22226	206.36287	206.36287	100	0.00%	0.00%	165	141	165	162.58479	Achieved		100
13130	13295	207.96121	206.30081	206.30081	100	0.00%	0.00%	165	141	165	161.74938	Achieved		100
13140	13305	207.67801	206.23591	206.23591	100	0.00%	0.00%	165	141	165	160.94122	Achieved		100
13150	13315	207.46001	206.17923	206.17923	100	0.00%	0.00%	165	141	165	160.27922	Achieved		100
13160	13325	207.29337	206.14512	206.14512	100	0.00%	0.00%	165	141	165	159.81042	Achieved		100
13170	13335	207.12905	206.09373	206.09373	100	0.00%	0.00%	165	141	165	159.56283	Achieved		100
13180	13345	207.00933	206.09167	206.09167	100	0.00%	0.00%	165	141	165	159.54864	Achieved		100
13190	13355	206.89366	206.10014	206.10014	100	0.00%	0.00%	165	141	165	159.76759	Achieved		100
13200	13365	206.81472	206.09553	206.09553	100	0.00%	0.00%	165	141	165	160.23025	Achieved		100
13210	13375	206.75546	206.0976	206.0976	100	0.00%	0.00%	165	141	165	160.91263	Achieved		100
13220	13385	206.66985	206.10351	206.10351	100	0.00%	0.00%	165	141	165	161.70346	Achieved		100
13230	13395	206.57978	206.12985	206.12985	100	0.00%	0.00%	165	141	165	162.46641	Achieved		100
13240	13405	206.54439	206.195	206.195	100	0.00%	0.00%	165	141	165	163.1663	Achieved		100
13250	13415	206.56959	206.26889	206.26889	100	0.00%	0.00%	165	141	165	163.80221	Achieved		100

Frankford Main Road (A1044) – Counter Direction (CD)

Stopping Sight Distance

Car Driver Eye Height 1.10m to 0.8m Object Height

Continuous Chainage from Link 05

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)
1350	1515	53.52982	52.55813	52.55813	100	0.00%	0.00%	165	141	165	164.89479	Achieved		100
1360	1525	53.29288	52.63426	52.63426	100	0.00%	0.00%	165	141	165	164.90276	Achieved		100
1370	1535	53.07838	52.67992	52.67992	100	0.00%	0.00%	165	141	165	164.91215	Achieved		100
1380	1545	52.91955	52.72084	52.72084	100	0.00%	0.00%	165	141	165	164.92072	Achieved		100
1390	1555	52.76545	52.8015	52.8015	100	0.00%	0.00%	165	141	165	164.93352	Achieved		100
1400	1565	52.59714	52.89072	52.89072	100	0.00%	0.00%	165	141	165	164.95506	Achieved		100
1410	1575	52.4753	52.95454	52.95454	100	0.00%	0.00%	165	141	165	164.98313	Achieved		100
1420	1585	52.43095	53.00631	53.00631	100	0.00%	0.00%	165	141	165	165.01506	Achieved		100
1430	1595	52.41863	53.06997	53.06997	100	0.00%	0.00%	165	141	165	165.04673	Achieved		100
1440	1605	52.44716	53.13569	53.13569	100	0.00%	0.00%	165	141	165	165.06978	Achieved		100
1450	1615	52.48799	53.24933	53.24933	100	0.00%	0.00%	165	141	165	165.07383	Achieved		100
1460	1625	52.53452	53.32043	53.32043	100	0.00%	0.00%	165	141	165	165.07174	Achieved		100
1470	1635	52.58505	53.40513	53.40513	100	0.00%	0.00%	165	141	165	165.0661	Achieved		100
1480	1645	52.61834	53.46014	53.46014	100	0.00%	0.00%	165	141	165	165.05825	Achieved		100
1490	1655	52.64068	53.50887	53.50887	100	0.00%	0.00%	165	141	165	165.04619	Achieved		100
1500	1665	52.71668	53.5562	53.5562	100	0.00%	0.00%	165	141	165	165.03282	Achieved		100
1510	1675	52.81327	53.58947	53.58947	100	0.00%	0.00%	165	141	165	165.02121	Achieved		100
1520	1685	52.89958	53.6241	53.6241	100	0.00%	0.00%	165	141	165	165.01143	Achieved		100
1530	1695	52.95868	53.65931	53.65931	100	0.00%	0.00%	165	141	165	165.00189	Achieved		100
1540	1705	53.00074	53.72477	53.72477	100	0.00%	0.00%	165	141	165	164.99674	Achieved		100
1550	1715	53.05602	53.78634	53.78634	100	0.00%	0.00%	165	141	165	164.99799	Achieved		100
1560	1725	53.14609	53.82834	53.82834	100	0.00%	0.00%	165	141	165	164.99949	Achieved		100
1570	1735	53.23083	53.85622	53.85622	100	0.00%	0.00%	165	141	165	164.99855	Achieved		100
1580	1745	53.27262	53.88678	53.88678	100	0.00%	0.00%	165	141	165	164.99716	Achieved		100
1590	1755	53.3316	53.89365	53.89365	100	0.00%	0.00%	165	141	165	164.99568	Achieved		100
1600	1765	53.41088	53.88709	53.88709	100	0.00%	0.00%	165	141	165	164.99716	Achieved		100
1610	1775	53.50509	53.91581	53.91581	100	0.00%	0.00%	165	141	165	165.00163	Achieved		100
1620	1785	53.58347	53.94298	53.94298	100	0.00%	0.00%	165	141	165	165.00028	Achieved		100
1630	1795	53.66022	53.97044	53.97044	100	0.00%	0.00%	165	141	165	164.99331	Achieved		100
1640	1805	53.73235	54.02966	54.02966	100	0.00%	0.00%	165	141	165	164.99209	Achieved		100
1650	1815	53.78588	54.10766	54.10766	100	0.00%	0.00%	165	141	165	164.99647	Achieved		100
1660	1825	53.83484	54.17589	54.17589	100	0.00%	0.00%	165	141	165	164.99888	Achieved		100
1670	1835	53.87352	54.28012	54.28012	100	0.00%	0.00%	165	141	165	164.99917	Achieved		100
1680	1845	53.90918	54.40974	54.40974	100	0.00%	0.00%	165	141	165	165.00016	Achieved		100
1690	1855	53.93701	54.53484	54.53484	100	0.00%	0.00%	165	141	165	165.00157	Achieved		100
1700	1865	53.98909	54.65177	54.65177	100	0.00%	0.00%	165	141	165	165.00223	Achieved		100
1710	1875	54.05649	54.7905	54.7905	100	0.00%	0.00%	165	141	165	165.00085	Achieved		100
1720	1885	54.11066	54.94852	54.94852	100	0.00%	0.00%	165	141	165	164.99553	Achieved		100
1730	1895	54.14384	55.11446	55.11446	100	0.00%	0.00%	165	141	165	164.98836	Achieved		100
1740	1905	54.18009	55.26536	55.26536	100	0.00%	0.00%	165	141	165	164.98098	Achieved		100
1750	1915	54.19813	55.4048	55.4048	100	0.00%	0.00%	165	141	165	164.97197	Achieved		100
1760	1925	54.18914	55.49426	55.49426	100	0.00%	0.00%	165	141	165	164.95918	Achieved		100
1770	1935	54.19954	55.56811	55.56811	100	0.00%	0.00%	165	141	165	164.94102	Achieved		100
1780	1945	54.23011	55.675	55.675	100	0.00%	0.00%	165	141	165	164.91942	Achieved		100
1790	1955	54.25213	55.79372	55.79372	100	0.00%	0.00%	165	141	165	164.89741	Achieved		100
1800	1965	54.29471	55.89982	55.89982	100	0.00%	0.00%	165	141	165	164.86934	Achieved		100
1810	1975	54.36546	55.97363	55.97363	100	0.00%	0.00%	165	141	165	164.82942	Achieved		100
1820	1985	54.4401	56.02204	56.02204	100	0.00%	0.00%	165	141	165	164.78336	Achieved		100
1830	1995	54.52024	56.05197	56.05197	100	0.00%	0.00%	165	141	165	164.73872	Achieved		100
1840	2005	54.64748	56.07899	56.07899	100	0.00%	0.00%	165	141	165	164.69364	Achieved		100
1850	2015	54.77884	56.12812	56.12812	100	0.00%	0.00%	165	141	165	164.64773	Achieved		100
1860	2025	54.89294	56.17921	56.17921	100	0.00%	0.00%	165	141	165	164.60383	Achieved		100
1870	2035	55.01475	56.25628	56.25628	100	0.00%	0.00%	165	141	165	164.5636	Achieved		100
1880	2045	55.1747	56.32225	56.32225	100	0.00%	0.00%	165	141	165	164.52618	Achieved		100
1890	2055	55.33293	56.35095	56.35095	100	0.00%	0.00%	165	141	165	164.49043	Achieved		100
1900	2065	55.48955	56.39825	56.39825	100	0.00%	0.00%	165	141	165	164.45014	Achieved		100
1910	2075	55.63348	56.44137	56.44137	100	0.00%	0.00%	165	141	165	164.40232	Achieved		100
1920	2085	55.75034	56.52529	56.52529	100	0.00%	0.00%	165	141	165	164.35408	Achieved		100
1930	2095	55.82874	56.6035	56.6035	100	0.00%	0.00%	165	141	165	164.31223	Achieved		100
1940	2105	55.91924	56.66452	56.66452	100	0.00%	0.00%	165	141	165	164.29111	Achieved		100
1950	2115	56.03472	56.74835	56.74835	100	0.00%	0.00%	165	141	165	164.29555	Achieved		100
1960	2125	56.14963	56.86518	56.86518	100	0.00%	0.00%	165	141	165	164.30467	Achieved		100
1970	2135	56.2395	56.98682	56.98682	100	0.00%	0.00%	165	141	165	164.30824	Achieved		100
1980	2145	56.3019	57.16142	57.16142	100	0.00%	0.00%	165	141	165	164.31213	Achieved		100
1990	2155	56.33585	57.37447	57.37447	100	0.00%	0.00%	165	141	165	164.31966	Achieved		100
2000	2165	56.36395	57.5619	57.5619	100	0.00%	0.00%	165	141	165	164.33402	Achieved		100
2010	2175	56.40451	57.74816	57.74816	100	0.00%	0.00%	165	141	165	164.35719	Achieved		100
2020	2185	56.44871	57.92763	57.92763	100	0.00%	0.00%	165	141	165	164.38872	Achieved		100
2030	2195	56.51431	58.11333	58.11333	100	0.00%	0.00%	165	141	165	164.42926	Achieved		100
2040	2205	56.5955	58.27937	58.27937	100	0.00%	0.00%	165	141	165	164.48401	Achieved		100
2050	2215	56.63719	58.44696	58.44696	100	0.00%	0.00%	165	141	165	164.55149	Achieved		100
2060	2225	56.67072	58.63751	58.63751	100	0.00%	0.00%	165	141	165	164.6209	Achieved		100
2070	2235	56.7219	58.82289	58.82289	100	0.00%	0.00%	165	141	165	164.68642	Achieved		100
2080	2245	56.78282	59.0015	59.0015	100	0.00%	0.00%	165	141	165	164.74431	Achieved		100
2090	2255	56.86712	59.17987	59.17987	100	0.00%	0.00%	165	141	165	164.79226	Achieved		100
2100	2265	56.93234	59.36135	59.36135	100	0.00%	0.00%	165	141	165	164.82533	Achieved		100
2110	2275	57.00704	59.55565	59.55565	100	0.00%	0.00%	165	141	165	164.84484	Achieved		100
2120	2285	57.10581	59.73563	59.73563	100	0.00%	0.00%	165	141	165	164.87042	Achieved		100
2130	2295	57.22315	59.89484	59.89484	100	0.00%	0.00%	165	141	165	164.90726	Achieved		100
2140	2305	57.36743	60.04192	60.04192	100	0.00%	0.00%	165	141	165	164.9369	Achieved		100
2150	2315	57.56477	60.19418	60.19418	100	0.00%	0.00%	165	141	165	164.95623	Achieved		100
2160	2325	57.77013	60.32106	60.32106	100	0.00%	0.00%	165	141	165	164.971	Achieved		100
2170	2335	57.94979	60.41193	60.41193	100	0.00%	0.00%	165	141	165	164.98233	Achieved		100
2180	2345	58.13165	60.51444	60.51444	100	0.00%	0.00%	165	141	165	164.99093	Achieved		100
2190	2355	58.31851	60.59006	60.59006	100	0.00%	0.00%	165	141	165	164.99783	Achieved		100
2200	2365	58.49416	60.64091	60.64091	100	0.00%	0.00%	165	141	165	165.00152	Achieved		100
2210	2375	58.67616	60.72852	60.72852	100	0.00%	0.00%	165	141	165	165.0012	Achieved		100
2220	2385	58.83897	60.83506	60.83506	100	0.00%	0.00%	165	141	165	165.00021	Achieved		100
2230	2395	59.03367	60.97092	60.97092	100	0.00%	0.00%	165	141	165	165.0017	Achieved		100
2240	2405	59.21048	61.12392	61.12392	100	0.00%	0.00%	165	141	165	165.00475	Achieved		100
2250	2415	59.39091	61.25075	61.25075	100	0.00%	0.00%	165	141	165	165.00669	Achieved		100
2260	2425	59.56768	61.40035	61.40035	100	0.00%	0.00%	165	141	165	165.00655	Achieved		100
2270	2435	59.75811	61.55799	61.55799	100	0.00%	0.00%	165	141	165	165.0058	Achieved		100
2280	2445	59.94999	61.71837	61.71837	100	0.00%	0.00%	165	141	165	165.00306	Achieved		100
2290	2455	60.11623	61.91559	61.91559	100	0.00%	0.00%	165	141	165	164.99758	Achieved		100
2300	2465	60.27208	62.14504	62.14504	100	0.00%	0.00%	165	141	165	165.00109	Achieved		100
2310	2475	60.4173	62.3869	62.3869	100	0.00%	0.00%	165	141	165	165.01249	Achieved		100
2320	2485	60.55991	62.63335	62.63335	100	0.00%	0.00%	165	141	165	165.01069	Achieved		100
2330	2495	60.66898	62.88628	62.88628	100	0.00%	0.00%	165	141	165	164.99632	Achieved		100
2340	2505	60.76787	63.17808	63.17808	100	0.00%	0.00%	165	141	165	164.99194	Achieved		100
2350	2515	60.85262	63.46218	63.46218	100	0.00%	0.00%	165	141	165	164.99767	Achieved		100
2360	2525	60.91534	63.7367	63.7367	100	0.00%	0.00%	165	141	165	165.00161	Achieved		100
2370	2535	60.97818	64.01893	64.01893	100	0.00%	0.00%	165	141	165	165.00251	Achieved		100
2380	2545	61.07863	64.28879	64.28879	100	0.00%	0.00%	165	141	165	165.00143	Achieved		100
2390	2555	61.19759	64.5123	64.5123	100	0.00%	0.00%	165	141	165	164.99996	Achieved		100
2400	2565	61.35113	64.72004	64.72004	100	0.00%	0.00%	165	141	165	165.0009	Achieved		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)
2410	2575	61.48573	64.91181	64.91181	100	0.00%	0.00%	165	141	165	165.0019	Achieved		100
2420	2585	61.62287	65.08739	65.08739	100	0.00%	0.00%	165	141	165	164.99894	Achieved		100
2430	2595	61.78223	65.26213	65.26213	100	0.00%	0.00%	165	141	165	164.99477	Achieved		100
2440	2605	61.93655	65.44094	65.44094	100	0.00%	0.00%	165	141	165	164.99466	Achieved		100
2450	2615	62.11219	65.65411	65.65411	100	0.00%	0.00%	165	141	165	164.99681	Achieved		100
2460	2625	62.32524	65.80944	65.80944	100	0.00%	0.00%	165	141	165	164.99217	Achieved		100
2470	2635	62.5678	65.96017	65.96017	100	0.00%	0.00%	165	141	165	164.97945	Achieved		100
2480	2645	62.81118	66.10937	66.10937	100	0.00%	0.00%	165	141	165	164.97854	Achieved		100
2490	2655	63.05638	66.2512	66.2512	100	0.00%	0.00%	165	141	165	164.9964	Achieved		100
2500	2665	63.32697	66.34382	66.34382	100	0.00%	0.00%	165	141	165	165.00477	Achieved		100
2510	2675	63.62267	66.44168	66.44168	100	0.00%	0.00%	165	141	165	164.99443	Achieved		100
2520	2685	63.90469	66.53319	66.53319	100	0.00%	0.00%	165	141	165	164.98834	Achieved		100
2530	2695	64.17875	66.60708	66.60708	100	0.00%	0.00%	165	141	165	164.99241	Achieved		100
2540	2705	64.45224	66.64186	66.64186	100	0.00%	0.00%	165	141	165	164.99461	Achieved		100
2550	2715	64.70564	66.65091	66.65091	100	0.00%	0.00%	165	141	165	164.99481	Achieved		100
2560	2725	64.91676	66.61079	66.61079	100	0.00%	0.00%	165	141	165	164.99642	Achieved		100
2570	2735	65.11589	66.58064	66.58064	100	0.00%	0.00%	165	141	165	164.99721	Achieved		100
2580	2745	65.30116	66.56166	66.56166	100	0.00%	0.00%	165	141	165	164.99979	Achieved		100
2590	2755	65.48009	66.5259	66.5259	100	0.00%	0.00%	165	141	165	165.00635	Achieved		100
2600	2765	65.64652	66.45014	66.45014	100	0.00%	0.00%	165	141	165	165.00824	Achieved		100
2610	2775	65.84897	66.37098	66.37098	100	0.00%	0.00%	165	141	165	165.00312	Achieved		100
2620	2785	66.0265	66.28272	66.28272	100	0.00%	0.00%	165	141	165	165.00135	Achieved		100
2630	2795	66.1884	66.19265	66.19265	100	0.00%	0.00%	165	141	165	165.00467	Achieved		100
2640	2805	66.3348	66.06815	66.06815	100	0.00%	0.00%	165	141	165	165.00269	Achieved		100
2650	2815	66.48772	65.92611	65.92611	100	0.00%	0.00%	165	141	165	164.99293	Achieved		100
2660	2825	66.6019	65.77486	65.77486	100	0.00%	0.00%	165	141	165	164.99118	Achieved		100
2670	2835	66.69288	65.58901	65.58901	100	0.00%	0.00%	165	141	165	165.00199	Achieved		100
2680	2845	66.79087	65.39341	65.39341	100	0.00%	0.00%	165	141	165	165.00788	Achieved		100
2690	2855	66.87453	65.19393	65.19393	100	0.00%	0.00%	165	141	165	165.00163	Achieved		100
2700	2865	66.9268	64.99494	64.99494	100	0.00%	0.00%	165	141	165	164.99579	Achieved		100
2710	2875	66.95516	64.78368	64.78368	100	0.00%	0.00%	165	141	165	164.96863	Achieved		100
2720	2885	66.9308	64.57603	64.57603	100	0.00%	0.00%	165	141	165	164.97672	Achieved		100
2730	2895	66.89492	64.36324	64.36324	100	0.00%	0.00%	165	141	165	164.95881	Achieved		100
2740	2905	66.86863	64.16397	64.16397	100	0.00%	0.00%	165	141	165	164.92509	Achieved		100
2750	2915	66.84643	63.9556	63.9556	100	0.00%	0.00%	165	141	165	164.87906	Achieved		100
2760	2925	66.79341	63.74818	63.74818	100	0.00%	0.00%	165	141	165	164.82797	Achieved		100
2770	2935	66.70933	63.57265	63.57265	100	0.00%	0.00%	165	141	165	164.77642	Achieved		100
2780	2945	66.62734	63.4469	63.4469	100	0.00%	0.00%	165	141	165	164.71454	Achieved		100
2790	2955	66.54149	63.35562	63.35562	100	0.00%	0.00%	165	141	165	164.63686	Achieved		100
2800	2965	66.43525	63.29366	63.29366	100	0.00%	0.00%	165	141	165	164.55227	Achieved		100
2810	2975	66.29471	63.25679	63.25679	100	0.00%	0.00%	165	141	165	164.46883	Achieved		100
2820	2985	66.15438	63.26016	63.26016	100	0.00%	0.00%	165	141	165	164.38806	Achieved		100
2830	2995	65.98883	63.25988	63.25988	100	0.00%	0.00%	165	141	165	164.3136	Achieved		100
2840	3005	65.79431	63.26929	63.26929	100	0.00%	0.00%	165	141	165	164.24846	Achieved		100
2850	3015	65.59481	63.29678	63.29678	100	0.00%	0.00%	165	141	165	164.17824	Achieved		100
2860	3025	65.39609	63.33238	63.33238	100	0.00%	0.00%	165	141	165	164.1017	Achieved		100
2870	3035	65.19253	63.36196	63.36196	100	0.00%	0.00%	165	141	165	164.0268	Achieved		100
2880	3045	64.9737	63.41574	63.41574	100	0.00%	0.00%	165	141	165	163.9473	Achieved		100
2890	3055	64.77589	63.46074	63.46074	100	0.00%	0.00%	165	141	165	163.87292	Achieved		100
2900	3065	64.56455	63.46946	63.46946	100	0.00%	0.00%	165	141	165	163.83635	Achieved		100
2910	3075	64.35945	63.50284	63.50284	100	0.00%	0.00%	165	141	165	163.82732	Achieved		100
2920	3085	64.15743	63.58293	63.58293	100	0.00%	0.00%	165	141	165	163.84064	Achieved		100
2930	3095	63.95427	63.65619	63.65619	100	0.00%	0.00%	165	141	165	163.87063	Achieved		100
2940	3105	63.80196	63.74109	63.74109	100	0.00%	0.00%	165	141	165	163.91935	Achieved		100
2950	3115	63.69292	63.87022	63.87022	100	0.00%	0.00%	165	141	165	163.98674	Achieved		100
2960	3125	63.62009	64.03805	64.03805	100	0.00%	0.00%	165	141	165	164.06558	Achieved		100
2970	3135	63.57375	64.22632	64.22632	100	0.00%	0.00%	165	141	165	164.14935	Achieved		100
2980	3145	63.55668	64.41763	64.41763	100	0.00%	0.00%	165	141	165	164.23507	Achieved		100
2990	3155	63.56112	64.65953	64.65953	100	0.00%	0.00%	165	141	165	164.32123	Achieved		100
3000	3165	63.56005	64.94396	64.94396	100	0.00%	0.00%	165	141	165	164.41657	Achieved		100
3010	3175	63.58236	65.23262	65.23262	100	0.00%	0.00%	165	141	165	164.52742	Achieved		100
3020	3185	63.60915	65.52357	65.52357	100	0.00%	0.00%	165	141	165	164.63883	Achieved		100
3030	3195	63.6448	65.80485	65.80485	100	0.00%	0.00%	165	141	165	164.73754	Achieved		100
3040	3205	63.67551	66.09314	66.09314	100	0.00%	0.00%	165	141	165	164.81859	Achieved		100
3050	3215	63.74413	66.39586	66.39586	100	0.00%	0.00%	165	141	165	164.87908	Achieved		100
3060	3225	63.76582	66.68122	66.68122	100	0.00%	0.00%	165	141	165	164.92168	Achieved		100
3070	3235	63.78013	66.96563	66.96563	100	0.00%	0.00%	165	141	165	164.94799	Achieved		100
3080	3245	63.84324	67.29358	67.29358	100	0.00%	0.00%	165	141	165	164.96583	Achieved		100
3090	3255	63.92554	67.62603	67.62603	100	0.00%	0.00%	165	141	165	164.98086	Achieved		100
3100	3265	64.00047	67.96032	67.96032	100	0.00%	0.00%	165	141	165	164.99139	Achieved		100
3110	3275	64.08327	68.27903	68.27903	100	0.00%	0.00%	165	141	165	164.99877	Achieved		100
3120	3285	64.25103	68.56165	68.56165	100	0.00%	0.00%	165	141	165	164.99909	Achieved		100
3130	3295	64.43303	68.84305	68.84305	100	0.00%	0.00%	165	141	165	164.99109	Achieved		100
3140	3305	64.62028	69.12944	69.12944	100	0.00%	0.00%	165	141	165	164.98545	Achieved		100
3150	3315	64.83004	69.43317	69.43317	100	0.00%	0.00%	165	141	165	164.98707	Achieved		100
3160	3325	65.09972	69.73454	69.73454	100	0.00%	0.00%	165	141	165	164.99172	Achieved		100
3170	3335	65.38947	70.00902	70.00902	100	0.00%	0.00%	165	141	165	164.99741	Achieved		100
3180	3345	65.67983	70.25807	70.25807	100	0.00%	0.00%	165	141	165	164.9992	Achieved		100
3190	3355	65.96294	70.50513	70.50513	100	0.00%	0.00%	165	141	165	164.99472	Achieved		100
3200	3365	66.24479	70.74408	70.74408	100	0.00%	0.00%	165	141	165	164.99133	Achieved		100
3210	3375	66.54475	70.96646	70.96646	100	0.00%	0.00%	165	141	165	164.99256	Achieved		100
3220	3385	66.84327	71.15849	71.15849	100	0.00%	0.00%	165	141	165	164.99567	Achieved		100
3230	3395	67.1203	71.34948	71.34948	100	0.00%	0.00%	165	141	165	164.99979	Achieved		100
3240	3405	67.42819	71.53447	71.53447	100	0.00%	0.00%	165	141	165	165.00072	Achieved		100
3250	3415	67.75697	71.7184	71.7184	100	0.00%	0.00%	165	141	165	164.99394	Achieved		100
3260	3425	68.09096	71.90139	71.90139	100	0.00%	0.00%	165	141	165	164.98299	Achieved		100
3270	3435	68.42314	72.09214	72.09214	100	0.00%	0.00%	165	141	165	164.97279	Achieved		100
3280	3445	68.72223	72.23887	72.23887	100	0.00%	0.00%	165	141	165	164.96669	Achieved		100
3290	3455	69.00346	72.36174	72.36174	100	0.00%	0.00%	165	141	165	164.96927	Achieved		100
3300	3465	69.28372	72.46836	72.46836	100	0.00%	0.00%	165	141	165	164.97783	Achieved		100
3310	3475	69.57881	72.52878	72.52878	100	0.00%	0.00%	165	141	165	164.98258	Achieved		100
3320	3485	69.88679	72.56365	72.56365	100	0.00%	0.00%	165	141	165	164.9779	Achieved		100
3330	3495	70.17249	72.60961	72.60961	100	0.00%	0.00%	165	141	165	164.96528	Achieved		100
3340	3505	70.43724	72.63892	72.63892	100	0.00%	0.00%	165	141	165	164.95163	Achieved		100
3350	3515	70.67908	72.71082	72.71082	100	0.00%	0.00%	165	141	165	164.94375	Achieved		100
3360	3525	70.92817	72.74791	72.74791	100	0.00%	0.00%	165	141	165	164.9437	Achieved		100
3370	3535	71.15757	72.73439	72.73439	100	0.00%	0.00%	165	141	165	164.94697	Achieved		100
3380	3545	71.36438	72.69695	72.69695	100	0.00%	0.00%	165	141	165	164.9474	Achieved		100
3390	3555	71.55331	72.64383	72.64383	100	0.00%	0.00%	165	141	165	164.94467	Achieved		100
3400	3565	71.73491	72.6068	72.6068	100	0.00%	0.00%	165	141	165	164.94214	Achieved		100
3410	3575	71.92644	72.53995	72.53995	100	0.00%	0.00%	165	141	165	164.94339	Achieved		100
3420	3585	72.10863	72.47733	72.47733	100	0.00%	0.00%	165	141	165	164.94927	Achieved		100
3430	3595	72.2972	72.40331	72.40331	100	0.00%	0.00%	165	141	165	164.95821	Achieved		100
3440	3605	72.47376	72.31247	72.31247	100	0.00%	0.00%	165	141	165	164.96505	Achieved		100
3450	3615	72.59714	72.20428	72.20428	100	0.00%	0.00%	165	141	165	164.96673	Achieved		100
3460	3625	72.72203	72.07408	72.07408	100	0.00%	0.00%	165	141	165	164.96603	Achieved		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)
3470	3635	72.80492	71.93484	71.93484	100	0.00%	0.00%	165	141	165	164.96323	Achieved		100
3480	3645	72.84379	71.76311	71.76311	100	0.00%	0.00%	165	141	165	164.96559	Achieved		100
3490	3655	72.88763	71.58886	71.58886	100	0.00%	0.00%	165	141	165	164.98112	Achieved		100
3500	3665	72.93532	71.42365	71.42365	100	0.00%	0.00%	165	141	165	164.99706	Achieved		100
3510	3675	72.98468	71.30881	71.30881	100	0.00%	0.00%	165	141	165	165.00442	Achieved		100
3520	3685	73.03525	71.19673	71.19673	100	0.00%	0.00%	165	141	165	165.00575	Achieved		100
3530	3695	73.04745	71.07976	71.07976	100	0.00%	0.00%	165	141	165	164.99845	Achieved		100
3540	3705	73.02057	70.97717	70.97717	100	0.00%	0.00%	165	141	165	164.98969	Achieved		100
3550	3715	72.97713	70.90256	70.90256	100	0.00%	0.00%	165	141	165	164.98895	Achieved		100
3560	3725	72.92927	70.80349	70.80349	100	0.00%	0.00%	165	141	165	164.99139	Achieved		100
3570	3735	72.87512	70.71508	70.71508	100	0.00%	0.00%	165	141	165	164.99296	Achieved		100
3580	3745	72.80825	70.66822	70.66822	100	0.00%	0.00%	165	141	165	164.99385	Achieved		100
3590	3755	72.74027	70.63605	70.63605	100	0.00%	0.00%	165	141	165	164.99268	Achieved		100
3600	3765	72.65938	70.59948	70.59948	100	0.00%	0.00%	165	141	165	164.9922	Achieved		100
3610	3775	72.56566	70.5751	70.5751	100	0.00%	0.00%	165	141	165	164.99701	Achieved		100
3620	3785	72.43908	70.57242	70.57242	100	0.00%	0.00%	165	141	165	165.00417	Achieved		100
3630	3795	72.30319	70.56064	70.56064	100	0.00%	0.00%	165	141	165	165.00941	Achieved		100
3640	3805	72.14888	70.55829	70.55829	100	0.00%	0.00%	165	141	165	165.01068	Achieved		100
3650	3815	71.97695	70.55314	70.55314	100	0.00%	0.00%	165	141	165	165.00404	Achieved		100
3660	3825	71.80157	70.54169	70.54169	100	0.00%	0.00%	165	141	165	164.99355	Achieved		100
3670	3835	71.66251	70.53635	70.53635	100	0.00%	0.00%	165	141	165	164.98936	Achieved		100
3680	3845	71.55613	70.51085	70.51085	100	0.00%	0.00%	165	141	165	164.98873	Achieved		100
3690	3855	71.43725	70.47751	70.47751	100	0.00%	0.00%	165	141	165	164.98652	Achieved		100
3700	3865	71.32485	70.45562	70.45562	100	0.00%	0.00%	165	141	165	164.98109	Achieved		100
3710	3875	71.24242	70.44705	70.44705	100	0.00%	0.00%	165	141	165	164.96808	Achieved		100
3720	3885	71.15788	70.42209	70.42209	100	0.00%	0.00%	165	141	165	164.94928	Achieved		100
3730	3895	71.05229	70.40123	70.40123	100	0.00%	0.00%	165	141	165	164.92899	Achieved		100
3740	3905	70.98667	70.40411	70.40411	100	0.00%	0.00%	165	141	165	164.90684	Achieved		100
3750	3915	70.95333	70.37884	70.37884	100	0.00%	0.00%	165	141	165	164.88141	Achieved		100
3760	3925	70.91809	70.3598	70.3598	100	0.00%	0.00%	165	141	165	164.85169	Achieved		100
3770	3935	70.88662	70.35702	70.35702	100	0.00%	0.00%	165	141	165	164.81653	Achieved		100
3780	3945	70.87013	70.35556	70.35556	100	0.00%	0.00%	165	141	165	164.77657	Achieved		100
3790	3955	70.86943	70.34444	70.34444	100	0.00%	0.00%	165	141	165	164.73359	Achieved		100
3800	3965	70.85901	70.3159	70.3159	100	0.00%	0.00%	165	141	165	164.68827	Achieved		100
3810	3975	70.86142	70.30871	70.30871	100	0.00%	0.00%	165	141	165	164.64144	Achieved		100
3820	3985	70.84734	70.2861	70.2861	100	0.00%	0.00%	165	141	165	164.59622	Achieved		100
3830	3995	70.84033	70.28076	70.28076	100	0.00%	0.00%	165	141	165	164.55591	Achieved		100
3840	4005	70.82495	70.27455	70.27455	100	0.00%	0.00%	165	141	165	164.52568	Achieved		100
3850	4015	70.79251	70.2692	70.2692	100	0.00%	0.00%	165	141	165	164.51024	Achieved		100
3860	4025	70.76485	70.27736	70.27736	100	0.00%	0.00%	165	141	165	164.50832	Achieved		100
3870	4035	70.74587	70.28091	70.28091	100	0.00%	0.00%	165	141	165	164.51767	Achieved		100
3880	4045	70.73926	70.27031	70.27031	100	0.00%	0.00%	165	141	165	164.53626	Achieved		100
3890	4055	70.70957	70.25615	70.25615	100	0.00%	0.00%	165	141	165	164.56175	Achieved		100
3900	4065	70.70363	70.24303	70.24303	100	0.00%	0.00%	165	141	165	164.59165	Achieved		100
3910	4075	70.69184	70.24434	70.24434	100	0.00%	0.00%	165	141	165	164.62394	Achieved		100
3920	4085	70.66794	70.21787	70.21787	100	0.00%	0.00%	165	141	165	164.66119	Achieved		100
3930	4095	70.65575	70.20147	70.20147	100	0.00%	0.00%	165	141	165	164.70469	Achieved		100
3940	4105	70.65797	70.1594	70.1594	100	0.00%	0.00%	165	141	165	164.75084	Achieved		100
3950	4115	70.65144	70.13957	70.13957	100	0.00%	0.00%	165	141	165	164.7967	Achieved		100
3960	4125	70.62633	70.13057	70.13057	100	0.00%	0.00%	165	141	165	164.83781	Achieved		100
3970	4135	70.6151	70.1001	70.1001	100	0.00%	0.00%	165	141	165	164.87183	Achieved		100
3980	4145	70.59493	70.08237	70.08237	100	0.00%	0.00%	165	141	165	164.90104	Achieved		100
3990	4155	70.585	70.07123	70.07123	100	0.00%	0.00%	165	141	165	164.9258	Achieved		100
4000	4165	70.57799	70.09982	70.09982	100	0.00%	0.00%	165	141	165	164.94574	Achieved		100
4010	4175	70.57227	70.1211	70.1211	100	0.00%	0.00%	165	141	165	164.95987	Achieved		100
4020	4185	70.57439	70.14269	70.14269	100	0.00%	0.00%	165	141	165	164.96954	Achieved		100
4030	4195	70.57897	70.17096	70.17096	100	0.00%	0.00%	165	141	165	164.97716	Achieved		100
4040	4205	70.57338	70.16937	70.16937	100	0.00%	0.00%	165	141	165	164.98325	Achieved		100
4050	4215	70.56508	70.13646	70.13646	100	0.00%	0.00%	165	141	165	164.98842	Achieved		100
4060	4225	70.54568	70.10074	70.10074	100	0.00%	0.00%	165	141	165	164.99308	Achieved		100
4070	4235	70.54613	70.08596	70.08596	100	0.00%	0.00%	165	141	165	164.99808	Achieved		100
4080	4245	70.53252	70.09256	70.09256	100	0.00%	0.00%	165	141	165	165.00207	Achieved		100
4090	4255	70.50754	70.10841	70.10841	100	0.00%	0.00%	165	141	165	165.00185	Achieved		100
4100	4265	70.48385	70.10939	70.10939	100	0.00%	0.00%	165	141	165	164.99886	Achieved		100
4110	4275	70.44731	70.1229	70.1229	100	0.00%	0.00%	165	141	165	164.99594	Achieved		100
4120	4285	70.43011	70.13132	70.13132	100	0.00%	0.00%	165	141	165	164.9942	Achieved		100
4130	4295	70.41916	70.1486	70.1486	100	0.00%	0.00%	165	141	165	164.99609	Achieved		100
4140	4305	70.38341	70.16852	70.16852	100	0.00%	0.00%	165	141	165	165	Achieved		100
4150	4315	70.36098	70.21556	70.21556	100	0.00%	0.00%	165	141	165	165.0024	Achieved		100
4160	4325	70.38772	70.27967	70.27967	100	0.00%	0.00%	165	141	165	165.00325	Achieved		100
4170	4335	70.41318	70.32707	70.32707	100	0.00%	0.00%	165	141	165	165.00309	Achieved		100
4180	4345	70.42922	70.33574	70.33574	100	0.00%	0.00%	165	141	165	165.00237	Achieved		100
4190	4355	70.45745	70.40095	70.40095	100	0.00%	0.00%	165	141	165	165.0016	Achieved		100
4200	4365	70.47769	70.47963	70.47963	100	0.00%	0.00%	165	141	165	165.00108	Achieved		100
4210	4375	70.45353	70.56131	70.56131	100	0.00%	0.00%	165	141	165	165.00093	Achieved		100
4220	4385	70.41894	70.64293	70.64293	100	0.00%	0.00%	165	141	165	165.0008	Achieved		100
4230	4395	70.39337	70.7354	70.7354	100	0.00%	0.00%	165	141	165	165.00059	Achieved		100
4240	4405	70.38766	70.82173	70.82173	100	0.00%	0.00%	165	141	165	165.0005	Achieved		100
4250	4415	70.40749	70.91438	70.91438	100	0.00%	0.00%	165	141	165	165.0007	Achieved		100
4260	4425	70.40743	70.98712	70.98712	100	0.00%	0.00%	165	141	165	165.00115	Achieved		100
4270	4435	70.41746	71.08814	71.08814	100	0.00%	0.00%	165	141	165	165.00136	Achieved		100
4280	4445	70.42913	71.15851	71.15851	100	0.00%	0.00%	165	141	165	165.00068	Achieved		100
4290	4455	70.43985	71.23614	71.23614	100	0.00%	0.00%	165	141	165	164.99906	Achieved		100
4300	4465	70.4368	71.28456	71.28456	100	0.00%	0.00%	165	141	165	164.99722	Achieved		100
4310	4475	70.48364	71.33589	71.33589	100	0.00%	0.00%	165	141	165	164.99567	Achieved		100
4320	4485	70.55002	71.41646	71.41646	100	0.00%	0.00%	165	141	165	164.9951	Achieved		100
4330	4495	70.60542	71.47563	71.47563	100	0.00%	0.00%	165	141	165	164.99584	Achieved		100
4340	4505	70.64182	71.56155	71.56155	100	0.00%	0.00%	165	141	165	164.99667	Achieved		100
4350	4515	70.67285	71.63839	71.63839	100	0.00%	0.00%	165	141	165	164.99687	Achieved		100
4360	4525	70.73844	71.6803	71.6803	100	0.00%	0.00%	165	141	165	164.99676	Achieved		100
4370	4535	70.81888	71.72571	71.72571	100	0.00%	0.00%	165	141	165	164.99627	Achieved		100
4380	4545	70.90219	71.76699	71.76699	100	0.00%	0.00%	165	141	165	164.996	Achieved		100
4390	4555	70.99036	71.814	71.814	100	0.00%	0.00%	165	141	165	164.99649	Achieved		100
4400	4565	71.07462	71.8999	71.8999	100	0.00%	0.00%	165	141	165	164.99691	Achieved		100
4410	4575	71.16825	71.98911	71.98911	100	0.00%	0.00%	165	141	165	164.99679	Achieved		100
4420	4585	71.2495	72.09852	72.09852	100	0.00%	0.00%	165	141	165	164.99629	Achieved		100
4430	4595	71.3334	72.18965	72.18965	100	0.00%	0.00%	165	141	165	164.99537	Achieved		100
4440	4605	71.42836	72.28581	72.28581	100	0.00%	0.00%	165	141	165	164.9946	Achieved		100
4450	4615	71.49982	72.3693	72.3693	100	0.00%	0.00%	165	141	165	164.99482	Achieved		100
4460	4625	71.56882	72.45552	72.45552	100	0.00%	0.00%	165	141	165	164.99557	Achieved		100
4470	4635	71.62033	72.52907	72.52907	100	0.00%	0.00%	165	141	165	164.99616	Achieved		100
4480	4645	71.68714	72.59374	72.59374	100	0.00%	0.00%	165	141	165	164.9966	Achieved		100
4490	4655	71.74589	72.67838	72.67838	100	0.00%	0.00%	165	141	165	164.99642	Achieved		100
4500	4665	71.81272	72.76013	72.76013	100	0.00%	0.00%	165	141	165	164.99646	Achieved		100
4510	4675	71.90641	72.85606	72.85606	100	0.00%	0.00%	165	141	165	164.9979	Achieved		100
4520	4685	71.96231	72.97517	72.97517	100	0.00%	0.00%	165	141	165	164.99884	Achieved		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)
4530	4695	72.00227	73.09936	73.09936	100	0.00%	0.00%	165	141	165	164.99816	Achieved		100
4540	4705	72.04979	73.21579	73.21579	100	0.00%	0.00%	165	141	165	164.99681	Achieved		100
4550	4715	72.08902	73.34351	73.34351	100	0.00%	0.00%	165	141	165	164.99499	Achieved		100
4560	4725	72.15253	73.46552	73.46552	100	0.00%	0.00%	165	141	165	164.9942	Achieved		100
4570	4735	72.24278	73.56601	73.56601	100	0.00%	0.00%	165	141	165	164.99566	Achieved		100
4580	4745	72.34446	73.68378	73.68378	100	0.00%	0.00%	165	141	165	164.99726	Achieved		100
4590	4755	72.44566	73.81328	73.81328	100	0.00%	0.00%	165	141	165	164.9979	Achieved		100
4600	4765	72.54134	73.95188	73.95188	100	0.00%	0.00%	165	141	165	164.99805	Achieved		100
4610	4775	72.62863	74.10657	74.10657	100	0.00%	0.00%	165	141	165	164.9978	Achieved		100
4620	4785	72.71075	74.26961	74.26961	100	0.00%	0.00%	165	141	165	164.99776	Achieved		100
4630	4795	72.79368	74.3966	74.3966	100	0.00%	0.00%	165	141	165	164.99838	Achieved		100
4640	4805	72.86481	74.5266	74.5266	100	0.00%	0.00%	165	141	165	164.99919	Achieved		100
4650	4815	72.94108	74.63767	74.63767	100	0.00%	0.00%	165	141	165	164.99971	Achieved		100
4660	4825	73.01846	74.78382	74.78382	100	0.00%	0.00%	165	141	165	164.99973	Achieved		100
4670	4835	73.1065	74.92117	74.92117	100	0.00%	0.00%	165	141	165	164.99885	Achieved		100
4680	4845	73.2116	75.04851	75.04851	100	0.00%	0.00%	165	141	165	164.99772	Achieved		100
4690	4855	73.33823	75.17993	75.17993	100	0.00%	0.00%	165	141	165	164.99806	Achieved		100
4700	4865	73.45668	75.30577	75.30577	100	0.00%	0.00%	165	141	165	164.99987	Achieved		100
4710	4875	73.57898	75.4411	75.4411	100	0.00%	0.00%	165	141	165	165.00211	Achieved		100
4720	4885	73.70587	75.59625	75.59625	100	0.00%	0.00%	165	141	165	165.00387	Achieved		100
4730	4895	73.81666	75.74908	75.74908	100	0.00%	0.00%	165	141	165	165.00379	Achieved		100
4740	4905	73.92144	75.89569	75.89569	100	0.00%	0.00%	165	141	165	165.00232	Achieved		100
4750	4915	74.04618	76.02822	76.02822	100	0.00%	0.00%	165	141	165	165.00141	Achieved		100
4760	4925	74.18241	76.17414	76.17414	100	0.00%	0.00%	165	141	165	165.00154	Achieved		100
4770	4935	74.32669	76.33735	76.33735	100	0.00%	0.00%	165	141	165	165.00238	Achieved		100
4780	4945	74.48979	76.54188	76.54188	100	0.00%	0.00%	165	141	165	165.00344	Achieved		100
4790	4955	74.63469	76.74454	76.74454	100	0.00%	0.00%	165	141	165	165.00411	Achieved		100
4800	4965	74.75632	76.94645	76.94645	100	0.00%	0.00%	165	141	165	165.00446	Achieved		100
4810	4975	74.89445	77.17309	77.17309	100	0.00%	0.00%	165	141	165	165.00475	Achieved		100
4820	4985	75.02222	77.44328	77.44328	100	0.00%	0.00%	165	141	165	165.00414	Achieved		100
4830	4995	75.15179	77.77623	77.77623	100	0.00%	0.00%	165	141	165	165.00237	Achieved		100
4840	5005	75.28236	78.14176	78.14176	100	0.00%	0.00%	165	141	165	165.0009	Achieved		100
4850	5015	75.41768	78.5433	78.5433	100	0.00%	0.00%	165	141	165	165.00053	Achieved		100
4860	5025	75.54306	78.98705	78.98705	100	0.00%	0.00%	165	141	165	165.00276	Achieved		100
4870	5035	75.66945	79.44119	79.44119	100	0.00%	0.00%	165	141	165	165.00757	Achieved		100
4880	5045	75.81876	79.85518	79.85518	100	0.00%	0.00%	165	141	165	165.00988	Achieved		100
4890	5055	75.97209	80.22766	80.22766	100	0.00%	0.00%	165	141	165	165.00809	Achieved		100
4900	5065	76.12499	80.59277	80.59277	100	0.00%	0.00%	165	141	165	165.00587	Achieved		100
4910	5075	76.26231	80.92698	80.92698	100	0.00%	0.00%	165	141	165	165.00526	Achieved		100
4920	5085	76.39617	81.211	81.211	100	0.00%	0.00%	165	141	165	165.00939	Achieved		100
4930	5095	76.56708	81.50281	81.50281	100	0.00%	0.00%	165	141	165	165.01709	Achieved		100
4940	5105	76.74814	81.76133	81.76133	100	0.00%	0.00%	165	141	165	165.02078	Achieved		100
4950	5115	76.93984	81.98754	81.98754	100	0.00%	0.00%	165	141	165	165.01914	Achieved		100
4960	5125	77.14455	82.25427	82.25427	100	0.00%	0.00%	165	141	165	165.02085	Achieved		100
4970	5135	77.35805	82.5491	82.5491	100	0.00%	0.00%	165	141	165	165.02811	Achieved		100
4980	5145	77.60289	82.78994	82.78994	100	0.00%	0.00%	165	141	165	165.03203	Achieved		100
4990	5155	77.90562	83.00863	83.00863	100	0.00%	0.00%	165	141	165	165.03122	Achieved		100
5000	5165	78.25547	83.21092	83.21092	100	0.00%	0.00%	165	141	165	165.03175	Achieved		100
5010	5175	78.64107	83.43211	83.43211	100	0.00%	0.00%	165	141	165	165.03448	Achieved		100
5020	5185	79.05922	83.65504	83.65504	100	0.00%	0.00%	165	141	165	165.03765	Achieved		100
5030	5195	79.51841	83.84176	83.84176	100	0.00%	0.00%	165	141	165	165.03896	Achieved		100
5040	5205	79.95107	83.98569	83.98569	100	0.00%	0.00%	165	141	165	165.04001	Achieved		100
5050	5215	80.34589	84.10802	84.10802	100	0.00%	0.00%	165	141	165	165.04564	Achieved		100
5060	5225	80.70933	84.23403	84.23403	100	0.00%	0.00%	165	141	165	165.05297	Achieved		100
5070	5235	81.06424	84.32755	84.32755	100	0.00%	0.00%	165	141	165	165.05839	Achieved		100
5080	5245	81.36585	84.4051	84.4051	100	0.00%	0.00%	165	141	165	165.06153	Achieved		100
5090	5255	81.65118	84.46959	84.46959	100	0.00%	0.00%	165	141	165	165.01962	Achieved		100
5100	5265	81.93915	84.53007	84.53007	100	0.00%	0.00%	165	141	165	165.05342	Achieved		100
5110	5275	82.17741	84.58961	84.58961	100	0.00%	0.00%	165	141	165	165.05581	Achieved		100
5120	5285	82.41333	84.63794	84.63794	100	0.00%	0.00%	165	141	165	165.06188	Achieved		100
5130	5295	82.71504	84.69926	84.69926	100	0.00%	0.00%	165	141	165	165.06238	Achieved		100
5140	5305	82.97279	84.74877	84.74877	100	0.00%	0.00%	165	141	165	165.05624	Achieved		100
5150	5315	83.20163	84.78746	84.78746	100	0.00%	0.00%	165	141	165	165.0525	Achieved		100
5160	5325	83.41114	84.81707	84.81707	100	0.00%	0.00%	165	141	165	165.05556	Achieved		100
5170	5335	83.6183	84.81958	84.81958	100	0.00%	0.00%	165	141	165	165.06082	Achieved		100
5180	5345	83.84377	84.82278	84.82278	100	0.00%	0.00%	165	141	165	165.06376	Achieved		100
5190	5355	84.05479	84.82927	84.82927	100	0.00%	0.00%	165	141	165	165.06379	Achieved		100
5200	5365	84.22031	84.83865	84.83865	100	0.00%	0.00%	165	141	165	165.0643	Achieved		100
5210	5375	84.34733	84.85124	84.85124	100	0.00%	0.00%	165	141	165	165.06571	Achieved		100
5220	5385	84.47181	84.87433	84.87433	100	0.00%	0.00%	165	141	165	165.06408	Achieved		100
5230	5395	84.58123	84.87687	84.87687	100	0.00%	0.00%	165	141	165	165.06059	Achieved		100
5240	5405	84.66993	84.87677	84.87677	100	0.00%	0.00%	165	141	165	165.05781	Achieved		100
5250	5415	84.73986	84.86781	84.86781	100	0.00%	0.00%	165	141	165	165.05574	Achieved		100
5260	5425	84.79903	84.86424	84.86424	100	0.00%	0.00%	165	141	165	165.06045	Achieved		100
5270	5435	84.8631	84.8592	84.8592	100	0.00%	0.00%	165	141	165	165.07044	Achieved		100
5280	5445	84.9109	84.83278	84.83278	100	0.00%	0.00%	165	141	165	165.07478	Achieved		100
5290	5455	84.96786	84.79021	84.79021	100	0.00%	0.00%	165	141	165	165.07025	Achieved		100
5300	5465	85.02724	84.76519	84.76519	100	0.00%	0.00%	165	141	165	165.06679	Achieved		100
5310	5475	85.0694	84.78212	84.78212	100	0.00%	0.00%	165	141	165	165.07093	Achieved		100
5320	5485	85.10266	84.81532	84.81532	100	0.00%	0.00%	165	141	165	165.07477	Achieved		100
5330	5495	85.11801	84.82436	84.82436	100	0.00%	0.00%	165	141	165	165.07123	Achieved		100
5340	5505	85.1258	84.84385	84.84385	100	0.00%	0.00%	165	141	165	165.06243	Achieved		100
5350	5515	85.12225	84.82183	84.82183	100	0.00%	0.00%	165	141	165	165.0539	Achieved		100
5360	5525	85.13485	84.78176	84.78176	100	0.00%	0.00%	165	141	165	165.05086	Achieved		100
5370	5535	85.14512	84.74218	84.74218	100	0.00%	0.00%	165	141	165	165.05043	Achieved		100
5380	5545	85.16256	84.71776	84.71776	100	0.00%	0.00%	165	141	165	165.05049	Achieved		100
5390	5555	85.1689	84.69198	84.69198	100	0.00%	0.00%	165	141	165	165.05469	Achieved		100
5400	5565	85.1715	84.67055	84.67055	100	0.00%	0.00%	165	141	165	165.05978	Achieved		100
5410	5575	85.17813	84.65448	84.65448	100	0.00%	0.00%	165	141	165	165.06258	Achieved		100
5420	5585	85.16348	84.61274	84.61274	100	0.00%	0.00%	165	141	165	165.06831	Achieved		100
5430	5595	85.16588	84.57005	84.57005	100	0.00%	0.00%	165	141	165	165.06906	Achieved		100
5440	5605	85.15515	84.54426	84.54426	100	0.00%	0.00%	165	141	165	165.06817	Achieved		100
5450	5615	85.10968	84.54927	84.54927	100	0.00%	0.00%	165	141	165	165.07536	Achieved		100
5460	5625	85.07305	84.53742	84.53742	100	0.00%	0.00%	165	141	165	165.0778	Achieved		100
5470	5635	85.06252	84.52328	84.52328	100	0.00%	0.00%	165	141	165	165.06587	Achieved		100
5480	5645	85.1073	84.492	84.492	100	0.00%	0.00%	165	141	165	165.0633	Achieved		100
5490	5655	85.11757	84.48462	84.48462	100	0.00%	0.00%	165	141	165	165.05027	Achieved		100
5500	5665	85.1304	84.44003	84.44003	100	0.00%	0.00%	165	141	165	165.05468	Achieved		100
5510	5675	85.13654	84.39109	84.39109	100	0.00%	0.00%	165	141	165	165.05051	Achieved		100
5520	5685	85.10261	84.40607	84.40607	100	0.00%	0.00%	165	141	165	165.05296	Achieved		100
5530	5695	85.058	84.42027	84.42027	100	0.00%	0.00%	165	141	165	165.05793	Achieved		100
5540	5705	85.02856	84.44434	84.44434	100	0.00%	0.00%	165	141	165	165.05782	Achieved		100
5550	5715	85.00519	84.50331	84.50331	100	0.00%	0.00%	165	141	165	165.05334	Achieved		100
5560	5725	84.97602	84.60564	84.60564	100	0.00%	0.00%	165	141	165	165.05392	Achieved		100
5570	5735	84.96406	84.75487	84.75487	100	0.00%	0.00%	165	141	165	165.06526	Achieved		100
5580	5745	84.94141	84.91984	84.91984	100	0.00%	0.00%	165	141	165	165.07492	Achieved		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)
5590	5755	84.89264	85.07881	85.07881	100	0.00%	0.00%	165	141	165	165.07408	Achieved		100
5600	5765	84.85505	85.21579	85.21579	100	0.00%	0.00%	165	141	165	165.07845	Achieved		100
5610	5775	84.84324	85.38668	85.38668	100	0.00%	0.00%	165	141	165	165.09737	Achieved		100
5620	5785	84.85331	85.58549	85.58549	100	0.00%	0.00%	165	141	165	165.07779	Achieved		100
5630	5795	84.82961	85.79079	85.79079	100	0.00%	0.00%	165	141	165	165.06777	Achieved		100
5640	5805	84.8061	86.00439	86.00439	100	0.00%	0.00%	165	141	165	165.06188	Achieved		100
5650	5815	84.77733	86.21781	86.21781	100	0.00%	0.00%	165	141	165	165.05325	Achieved		100
5660	5825	84.78094	86.43502	86.43502	100	0.00%	0.00%	165	141	165	165.05054	Achieved		100
5670	5835	84.7028	86.71533	86.71533	100	0.00%	0.00%	165	141	165	165.05155	Achieved		100
5680	5845	84.69586	86.9377	86.9377	100	0.00%	0.00%	165	141	165	165.05751	Achieved		100
5690	5855	84.71325	87.12815	87.12815	100	0.00%	0.00%	165	141	165	165.05854	Achieved		100
5700	5865	84.72722	87.3195	87.3195	100	0.00%	0.00%	165	141	165	165.0603	Achieved		100
5710	5875	84.77021	87.48975	87.48975	100	0.00%	0.00%	165	141	165	165.06861	Achieved		100
5720	5885	84.85014	87.65468	87.65468	100	0.00%	0.00%	165	141	165	165.07656	Achieved		100
5730	5895	84.97637	87.81496	87.81496	100	0.00%	0.00%	165	141	165	165.07636	Achieved		100
5740	5905	85.13597	87.95705	87.95705	100	0.00%	0.00%	165	141	165	165.07387	Achieved		100
5750	5915	85.30274	88.07106	88.07106	100	0.00%	0.00%	165	141	165	165.0786	Achieved		100
5760	5925	85.44846	88.18178	88.18178	100	0.00%	0.00%	165	141	165	165.07854	Achieved		100
5770	5935	85.59821	88.28474	88.28474	100	0.00%	0.00%	165	141	165	165.05841	Achieved		100
5780	5945	85.78426	88.36378	88.36378	100	0.00%	0.00%	165	141	165	165.03905	Achieved		100
5790	5955	85.98734	88.41233	88.41233	100	0.00%	0.00%	165	141	165	165.04374	Achieved		100
5800	5965	86.19871	88.4836	88.4836	100	0.00%	0.00%	165	141	165	165.05519	Achieved		100
5810	5975	86.40941	88.55087	88.55087	100	0.00%	0.00%	165	141	165	165.05713	Achieved		100
5820	5985	86.63158	88.60235	88.60235	100	0.00%	0.00%	165	141	165	165.03548	Achieved		100
5830	5995	86.88445	88.64	88.64	100	0.00%	0.00%	165	141	165	165.05882	Achieved		100
5840	6005	87.13662	88.6685	88.6685	100	0.00%	0.00%	165	141	165	165.06212	Achieved		100
5850	6015	87.33744	88.67903	88.67903	100	0.00%	0.00%	165	141	165	165.06612	Achieved		100
5860	6025	87.52415	88.68587	88.68587	100	0.00%	0.00%	165	141	165	165.06754	Achieved		100
5870	6035	87.7071	88.69293	88.69293	100	0.00%	0.00%	165	141	165	165.06378	Achieved		100
5880	6045	87.86918	88.73829	88.73829	100	0.00%	0.00%	165	141	165	165.05774	Achieved		100
5890	6055	88.03427	88.79647	88.79647	100	0.00%	0.00%	165	141	165	165.05168	Achieved		100
5900	6065	88.1852	88.83945	88.83945	100	0.00%	0.00%	165	141	165	165.04405	Achieved		100
5910	6075	88.31712	88.85628	88.85628	100	0.00%	0.00%	165	141	165	165.03477	Achieved		100
5920	6085	88.42613	88.92055	88.92055	100	0.00%	0.00%	165	141	165	165.0316	Achieved		100
5930	6095	88.53614	88.94848	88.94848	100	0.00%	0.00%	165	141	165	165.03704	Achieved		100
5940	6105	88.63084	88.984	88.984	100	0.00%	0.00%	165	141	165	165.0382	Achieved		100
5950	6115	88.68917	89.00591	89.00591	100	0.00%	0.00%	165	141	165	165.03058	Achieved		100
5960	6125	88.74808	88.97283	88.97283	100	0.00%	0.00%	165	141	165	165.0284	Achieved		100
5970	6135	88.82032	88.94666	88.94666	100	0.00%	0.00%	165	141	165	165.0341	Achieved		100
5980	6145	88.87781	88.93908	88.93908	100	0.00%	0.00%	165	141	165	165.03259	Achieved		100
5990	6155	88.9192	88.88621	88.88621	100	0.00%	0.00%	165	141	165	165.02291	Achieved		100
6000	6165	88.95852	88.80082	88.80082	100	0.00%	0.00%	165	141	165	165.01598	Achieved		100
6010	6175	88.97484	88.69535	88.69535	100	0.00%	0.00%	165	141	165	165.01331	Achieved		100
6020	6185	88.98324	88.59026	88.59026	100	0.00%	0.00%	165	141	165	165.01276	Achieved		100
6030	6195	88.98162	88.47224	88.47224	100	0.00%	0.00%	165	141	165	165.01067	Achieved		100
6040	6205	89.01151	88.32614	88.32614	100	0.00%	0.00%	165	141	165	164.99969	Achieved		100
6050	6215	89.07013	88.15636	88.15636	100	0.00%	0.00%	165	141	165	164.99069	Achieved		100
6060	6225	89.12138	87.96529	87.96529	100	0.00%	0.00%	165	141	165	164.98151	Achieved		100
6070	6235	89.14177	87.7698	87.7698	100	0.00%	0.00%	165	141	165	164.97249	Achieved		100
6080	6245	89.18679	87.56346	87.56346	100	0.00%	0.00%	165	141	165	164.96413	Achieved		100
6090	6255	89.24037	87.40393	87.40393	100	0.00%	0.00%	165	141	165	164.95472	Achieved		100
6100	6265	89.26353	87.27237	87.27237	100	0.00%	0.00%	165	141	165	164.94161	Achieved		100
6110	6275	89.28955	87.17438	87.17438	100	0.00%	0.00%	165	141	165	164.92537	Achieved		100
6120	6285	89.28518	87.1172	87.1172	100	0.00%	0.00%	165	141	165	164.90542	Achieved		100
6130	6295	89.25801	87.06154	87.06154	100	0.00%	0.00%	165	141	165	164.88276	Achieved		100
6140	6305	89.23978	87.056	87.056	100	0.00%	0.00%	165	141	165	164.86874	Achieved		100
6150	6315	89.221	87.08143	87.08143	100	0.00%	0.00%	165	141	165	164.86525	Achieved		100
6160	6325	89.14611	87.10857	87.10857	100	0.00%	0.00%	165	141	165	164.86014	Achieved		100
6170	6335	89.04683	87.13358	87.13358	100	0.00%	0.00%	165	141	165	164.85039	Achieved		100
6180	6345	88.94328	87.18083	87.18083	100	0.00%	0.00%	165	141	165	164.83921	Achieved		100
6190	6355	88.82849	87.23921	87.23921	100	0.00%	0.00%	165	141	165	164.82892	Achieved		100
6200	6365	88.70126	87.3084	87.3084	100	0.00%	0.00%	165	141	165	164.81572	Achieved		100
6210	6375	88.54931	87.39201	87.39201	100	0.00%	0.00%	165	141	165	164.83791	Achieved		100
6220	6385	88.36371	87.48034	87.48034	100	0.00%	0.00%	165	141	165	164.84807	Achieved		100
6230	6395	88.16883	87.57711	87.57711	100	0.00%	0.00%	165	141	165	164.86162	Achieved		100
6240	6405	87.95984	87.66403	87.66403	100	0.00%	0.00%	165	141	165	164.87543	Achieved		100
6250	6415	87.77928	87.71132	87.71132	100	0.00%	0.00%	165	141	165	164.88837	Achieved		100
6260	6425	87.63493	87.79894	87.79894	100	0.00%	0.00%	165	141	165	164.90185	Achieved		100
6270	6435	87.51338	87.85862	87.85862	100	0.00%	0.00%	165	141	165	164.91645	Achieved		100
6280	6445	87.44318	87.92466	87.92466	100	0.00%	0.00%	165	141	165	164.9303	Achieved		100
6290	6455	87.38818	88.02277	88.02277	100	0.00%	0.00%	165	141	165	164.94234	Achieved		100
6300	6465	87.35145	88.13111	88.13111	100	0.00%	0.00%	165	141	165	164.95042	Achieved		100
6310	6475	87.3693	88.23453	88.23453	100	0.00%	0.00%	165	141	165	164.95439	Achieved		100
6320	6485	87.39471	88.31459	88.31459	100	0.00%	0.00%	165	141	165	164.95879	Achieved		100
6330	6495	87.41987	88.43205	88.43205	100	0.00%	0.00%	165	141	165	164.96465	Achieved		100
6340	6505	87.45836	88.5893	88.5893	100	0.00%	0.00%	165	141	165	164.9698	Achieved		100
6350	6515	87.50807	88.77794	88.77794	100	0.00%	0.00%	165	141	165	164.97453	Achieved		100
6360	6525	87.57461	88.99804	88.99804	100	0.00%	0.00%	165	141	165	164.98011	Achieved		100
6370	6535	87.6475	89.23695	89.23695	100	0.00%	0.00%	165	141	165	164.98725	Achieved		100
6380	6545	87.73418	89.6567	89.6567	100	0.00%	0.00%	165	141	165	164.99646	Achieved		100
6390	6555	87.82827	90.0412	90.0412	100	0.00%	0.00%	165	141	165	165.00462	Achieved		100
6400	6565	87.92643	90.44368	90.44368	100	0.00%	0.00%	165	141	165	165.00711	Achieved		100
6410	6575	87.98649	90.9046	90.9046	100	0.00%	0.00%	165	141	165	165.00511	Achieved		100
6420	6585	88.05635	91.40612	91.40612	100	0.00%	0.00%	165	141	165	165.00159	Achieved		100
6430	6595	88.13608	91.90824	91.90824	100	0.00%	0.00%	165	141	165	164.99757	Achieved		100
6440	6605	88.19906	92.43226	92.43226	100	0.00%	0.00%	165	141	165	164.99288	Achieved		100
6450	6615	88.27054	92.9503	92.9503	100	0.00%	0.00%	165	141	165	164.9889	Achieved		100
6460	6625	88.37525	93.48773	93.48773	100	0.00%	0.00%	165	141	165	164.99013	Achieved		100
6470	6635	88.48275	94.01702	94.01702	100	0.00%	0.00%	165	141	165	164.99516	Achieved		100
6480	6645	88.57733	94.53472	94.53472	100	0.00%	0.00%	165	141	165	164.99973	Achieved		100
6490	6655	88.66646	95.04583	95.04583	100	0.00%	0.00%	165	141	165	165.00151	Achieved		100
6500	6665	88.80607	95.55424	95.55424	100	0.00%	0.00%	165	141	165	164.99727	Achieved		100
6510	6675	88.9799	96.04439	96.04439	100	0.00%	0.00%	165	141	165	164.98971	Achieved		100
6520	6685	89.1882	96.53434	96.53434	100	0.00%	0.00%	165	141	165	164.98292	Achieved		100
6530	6695	89.43401	97.02567	97.02567	100	0.00%	0.00%	165	141	165	164.97378	Achieved		100
6540	6705	89.7776	97.52144	97.52144	100	0.00%	0.00%	165	141	165	164.95444	Achieved		100
6550	6715	90.14705	98.02712	98.02712	100	0.00%	0.00%	165	141	165	164.92051	Achieved		100
6560	6725	90.54018	98.49247	98.49247	100	0.00%	0.00%	165	141	165	164.86921	Achieved		100
6570	6735	90.9596	98.92551	98.92551	100	0.00%	0.00%	165	141	165	164.80173	Achieved		100
6580	6745	91.45334	99.31762	99.31762	100	0.00%	0.00%	165	141	165	164.72575	Achieved		100
6590	6755	91.95628	99.68352	99.68352	100	0.00%	0.00%	165	141	165	164.64075	Achieved		100
6600	6765	92.46736	100.06164	100.06164	100	0.00%	0.00%	165	141	165	164.544	Achieved		100
6610	6775	92.99182	100.44379	100.44379	100	0.00%	0.00%	165	141	165	164.43481	Achieved		100
6620	6785	93.52014	100.829	100.829	100	0.00%	0.00%	165	141	165	164.3083	Achieved		100
6630	6795	94.05264	101.19184	101.19184	100	0.00%	0.00%	165	141	165	164.16629	Achieved		100
6640	6805	94.57499	101.55158	101.55158	100	0.00%	0.00%	165	141	165	164.01855	Achieved		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)
6650	6815	95.08867	101.91318	101.91318	100	0.00%	0.00%	165	141	165	163.87426	Achieved		100
6660	6825	95.60058	102.25862	102.25862	100	0.00%	0.00%	165	141	165	163.74708	Achieved		100
6670	6835	96.09869	102.59625	102.59625	100	0.00%	0.00%	165	141	165	163.64436	Achieved		100
6680	6845	96.58873	102.94004	102.94004	100	0.00%	0.00%	165	141	165	163.57036	Achieved		100
6690	6855	97.08397	103.28337	103.28337	100	0.00%	0.00%	165	141	165	163.53476	Achieved		100
6700	6865	97.57182	103.64728	103.64728	100	0.00%	0.00%	165	141	165	163.54913	Achieved		100
6710	6875	98.07721	104.02601	104.02601	100	0.00%	0.00%	165	141	165	163.61427	Achieved		100
6720	6885	98.56701	104.42462	104.42462	100	0.00%	0.00%	165	141	165	163.72373	Achieved		100
6730	6895	99.00918	104.80539	104.80539	100	0.00%	0.00%	165	141	165	163.85923	Achieved		100
6740	6905	99.42742	105.16299	105.16299	100	0.00%	0.00%	165	141	165	163.99534	Achieved		100
6750	6915	99.80159	105.50699	105.50699	100	0.00%	0.00%	165	141	165	164.12662	Achieved		100
6760	6925	100.17164	105.89971	105.89971	100	0.00%	0.00%	165	141	165	164.2545	Achieved		100
6770	6935	100.55202	106.31466	106.31466	100	0.00%	0.00%	165	141	165	164.37663	Achieved		100
6780	6945	100.93851	106.74717	106.74717	100	0.00%	0.00%	165	141	165	164.48888	Achieved		100
6790	6955	101.31378	107.19197	107.19197	100	0.00%	0.00%	165	141	165	164.58704	Achieved		100
6800	6965	101.66995	107.63509	107.63509	100	0.00%	0.00%	165	141	165	164.6661	Achieved		100
6810	6975	102.03372	108.09773	108.09773	100	0.00%	0.00%	165	141	165	164.74298	Achieved		100
6820	6985	102.38874	108.62134	108.62134	100	0.00%	0.00%	165	141	165	164.76338	Achieved		100
6830	6995	102.72686	109.17816	109.17816	100	0.00%	0.00%	165	141	165	164.78258	Achieved		100
6840	7005	103.06511	109.7375	109.7375	100	0.00%	0.00%	165	141	165	164.78367	Achieved		100
6850	7015	103.42189	110.31887	110.31887	100	0.00%	0.00%	165	141	165	164.76848	Achieved		100
6860	7025	103.76256	110.9713	110.9713	100	0.00%	0.00%	165	141	165	164.74111	Achieved		100
6870	7035	104.13372	111.6637	111.6637	100	0.00%	0.00%	165	141	165	164.70312	Achieved		100
6880	7045	104.52588	112.35378	112.35378	100	0.00%	0.00%	165	141	165	164.65353	Achieved		100
6890	7055	104.9157	113.01954	113.01954	100	0.00%	0.00%	165	141	165	164.60017	Achieved		100
6900	7065	105.28866	113.69274	113.69274	100	0.00%	0.00%	165	141	165	164.5408	Achieved		100
6910	7075	105.63336	114.3623	114.3623	100	0.00%	0.00%	165	141	165	164.48075	Achieved		100
6920	7085	106.00726	115.03525	115.03525	100	0.00%	0.00%	165	141	165	164.42443	Achieved		100
6930	7095	106.40379	115.69431	115.69431	100	0.00%	0.00%	165	141	165	164.37596	Achieved		100
6940	7105	106.83076	116.37734	116.37734	100	0.00%	0.00%	165	141	165	164.34065	Achieved		100
6950	7115	107.27003	117.0771	117.0771	100	0.00%	0.00%	165	141	165	164.32252	Achieved		100
6960	7125	107.71469	117.76058	117.76058	100	0.00%	0.00%	165	141	165	164.32656	Achieved		100
6970	7135	108.15846	118.457	118.457	100	0.00%	0.00%	165	141	165	164.35402	Achieved		100
6980	7145	108.65154	119.12024	119.12024	100	0.00%	0.00%	165	141	165	164.40489	Achieved		100
6990	7155	109.19694	119.72396	119.72396	100	0.00%	0.00%	165	141	165	164.47204	Achieved		100
7000	7165	109.75735	120.26768	120.26768	100	0.00%	0.00%	165	141	165	164.53966	Achieved		100
7010	7175	110.32789	120.7985	120.7985	100	0.00%	0.00%	165	141	165	164.606	Achieved		100
7020	7185	110.93293	121.34675	121.34675	100	0.00%	0.00%	165	141	165	164.67743	Achieved		100
7030	7195	111.61609	121.86098	121.86098	100	0.00%	0.00%	165	141	165	164.75702	Achieved		100
7040	7205	112.30894	122.40447	122.40447	100	0.00%	0.00%	165	141	165	164.84947	Achieved		100
7050	7215	112.98576	122.93685	122.93685	100	0.00%	0.00%	165	141	165	164.93688	Achieved		100
7060	7225	113.65639	123.47285	123.47285	100	0.00%	0.00%	165	141	165	164.99163	Achieved		100
7070	7235	114.32463	123.96317	123.96317	100	0.00%	0.00%	165	141	165	165.00405	Achieved		100
7080	7245	114.99928	124.43125	124.43125	100	0.00%	0.00%	165	141	165	164.96795	Achieved		100
7090	7255	115.66436	124.85392	124.85392	100	0.00%	0.00%	165	141	165	164.87784	Achieved		100
7100	7265	116.32752	125.24565	125.24565	100	0.00%	0.00%	165	141	165	164.72999	Achieved		100
7110	7275	117.02886	125.58507	125.58507	100	0.00%	0.00%	165	141	165	164.52096	Achieved		100
7120	7285	117.7184	125.88408	125.88408	100	0.00%	0.00%	165	141	165	164.25281	Achieved		100
7130	7295	118.40622	126.14981	126.14981	100	0.00%	0.00%	165	141	165	163.93705	Achieved		100
7140	7305	119.09924	122.62296	126.35447	100	0.00%	0.00%	165	141	79.43268	79.45191	Not Achieved		60
7150	7315	119.73257	122.60397	126.51349	100	0.00%	0.00%	165	141	68.90171	69.12008	Not Achieved		60
7160	7325	120.29027	122.59364	126.61838	100	0.00%	0.00%	165	141	58.84907	59.29348	Not Achieved		50
7170	7335	120.82788	122.6057	126.64533	100	0.00%	0.00%	165	141	49.02658	49.70465	Not Achieved		50
7180	7345	121.37714	122.7766	126.6223	100	0.00%	0.00%	165	141	42.38723	43.35126	Not Achieved		40
7190	7355	121.89255	123.05017	126.58514	100	0.00%	0.00%	165	141	39.14512	40.05914	Not Achieved		40
7200	7365	122.44405	123.37934	126.50982	100	0.00%	0.00%	165	141	36.44721	37.34184	Not Achieved		40
7210	7375	122.96018	123.76299	126.37246	100	0.00%	0.00%	165	141	37.2484	38.17766	Not Achieved		40
7220	7385	123.51473	124.14719	126.21041	100	0.00%	0.00%	165	141	37.14145	38.05718	Not Achieved		40
7230	7395	124.02496	124.5203	126.04618	100	0.00%	0.00%	165	141	38.82308	39.73944	Not Achieved		40
7240	7405	124.50526	124.83303	125.83532	100	0.00%	0.00%	165	141	39.06623	39.95113	Not Achieved		40
7250	7415	124.9456	125.10838	125.59921	100	0.00%	0.00%	165	141	39.50257	40.37017	Not Achieved		40
7260	7425	125.35264	125.34548	125.32349	100	0.00%	0.00%	165	141	38.95638	39.80947	Not Achieved		40
7270	7435	125.72396	125.5564	125.02377	100	0.00%	0.00%	165	141	37.94087	38.7906	Not Achieved		40
7280	7445	126.03993	125.71498	124.71129	100	0.00%	0.00%	165	141	38.72333	39.6445	Not Achieved		40
7290	7455	126.3246	125.80898	124.33617	100	0.00%	0.00%	165	141	41.16015	42.03664	Not Achieved		40
7300	7465	126.56014	125.84814	123.92827	100	0.00%	0.00%	165	141	42.95556	43.8647	Not Achieved		40
7310	7475	126.7424	125.85858	123.49016	100	0.00%	0.00%	165	141	43.2592	44.08531	Not Achieved		40
7320	7485	126.87061	125.82354	123.02707	100	0.00%	0.00%	165	141	43.52684	44.23329	Not Achieved		40
7330	7495	126.94158	125.70259	122.50812	100	0.00%	0.00%	165	141	44.83965	45.44314	Not Achieved		40
7340	7505	126.93974	125.46708	121.9508	100	0.00%	0.00%	165	141	47.8114	48.09097	Not Achieved		40
7350	7515	126.90182	125.14405	121.40576	100	0.00%	0.00%	165	141	52.19705	52.21462	Not Achieved		50
7360	7525	126.85218	124.83084	120.85782	100	0.00%	0.00%	165	141	54.6113	54.62308	Not Achieved		50
7370	7535	126.74745	124.26705	120.26093	100	0.00%	0.00%	165	141	63.04052	62.68596	Not Achieved		50
7380	7545	126.5891	123.54731	119.63057	100	0.00%	0.00%	165	141	72.59748	71.99363	Not Achieved		60
7390	7555	126.43501	119.06935	119.06935	100	0.00%	0.00%	165	141	165	164.47656	Achieved		100
7400	7565	126.24665	118.45361	118.45361	100	0.00%	0.00%	165	141	165	164.68842	Achieved		100
7410	7575	126.01977	117.84485	117.84485	100	0.00%	0.00%	165	141	165	164.85542	Achieved		100
7420	7585	125.76784	117.19236	117.19236	100	0.00%	0.00%	165	141	165	164.97639	Achieved		100
7430	7595	125.47328	116.53693	116.53693	100	0.00%	0.00%	165	141	165	165.05429	Achieved		100
7440	7605	125.17432	115.91828	115.91828	100	0.00%	0.00%	165	141	165	165.09332	Achieved		100
7450	7615	124.83032	115.2678	115.2678	100	0.00%	0.00%	165	141	165	165.09891	Achieved		100
7460	7625	124.43848	114.63779	114.63779	100	0.00%	0.00%	165	141	165	165.08552	Achieved		100
7470	7635	124.01009	113.97898	113.97898	100	0.00%	0.00%	165	141	165	165.06411	Achieved		100
7480	7645	123.57194	113.325	113.325	100	0.00%	0.00%	165	141	165	165.03929	Achieved		100
7490	7655	123.07204	112.69205	112.69205	100	0.00%	0.00%	165	141	165	165.01631	Achieved		100
7500	7665	122.53017	112.05995	112.05995	100	0.00%	0.00%	165	141	165	164.9991	Achieved		100
7510	7675	121.97843	111.44324	111.44324	100	0.00%	0.00%	165	141	165	164.9899	Achieved		100
7520	7685	121.43834	110.78457	110.78457	100	0.00%	0.00%	165	141	165	164.9943	Achieved		100
7530	7695	120.86435	110.10664	110.10664	100	0.00%	0.00%	165	141	165	164.99544	Achieved		100
7540	7705	120.2504	109.4603	109.4603	100	0.00%	0.00%	165	141	165	164.99209	Achieved		100
7550	7715	119.66342	108.83537	108.83537	100	0.00%	0.00%	165	141	165	164.98779	Achieved		100
7560	7725	119.06108	108.2361	108.2361	100	0.00%	0.00%	165	141	165	164.98321	Achieved		100
7570	7735	118.4487	107.66782	107.66782	100	0.00%	0.00%	165	141	165	164.98196	Achieved		100
7580	7745	117.82613	107.06448	107.06448	100	0.00%	0.00%	165	141	165	164.98766	Achieved		100
7590	7755	117.16364	106.42982	106.42982	100	0.00%	0.00%	165	141	165	164.99536	Achieved		100
7600	7765	116.52334	105.80376	105.80376	100	0.00%	0.00%	165	141	165	165.00084	Achieved		100
7610	7775	115.90863	105.16303	105.16303	100	0.00%	0.00%	165	141	165	165.00524	Achieved		100
7620	7785	115.2529	104.53222	104.53222	100	0.00%	0.00%	165	141	165	165.00774	Achieved		100
7630	7795	114.60983	103.94122	103.94122	100	0.00%	0.00%	165	141	165	165.00922	Achieved		100
7640	7805	113.94837	103.32617	103.32617	100	0.00%	0.00%	165	141	165	165.01224	Achieved		100
7650	7815	113.30982	102.69226	102.69226	100	0.00%	0.00%	165	141	165	165.01631	Achieved		100
7660	7825	112.67923	102.08501	102.08501	100	0.00%	0.00%	165	141	165	165.01939	Achieved		100
7670	7835	112.0557	101.46968	101.46968	100	0.00%	0.00%	165	141	165	165.0208	Achieved		100
7680	7845	111.41227	100.84967	100.84967	100	0.00%	0.00%	165	141	165	165.01883	Achieved		100
7690	7855	110.73968	100.21166	100.21166	100	0.00%	0.00%	165	141	165	165.00965	Achieved		100
7700	7865	110.07432	99.59565	99.59565	100	0.00%	0.00%	165	141	165	165.01166	Achieved		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)
7710	7875	109.44161	98.99502	98.99502	100	0.00%	0.00%	165	141	165	165.01987	Achieved		100
7720	7885	108.82978	98.42342	98.42342	100	0.00%	0.00%	165	141	165	165.03033	Achieved		100
7730	7895	108.25619	97.89261	97.89261	100	0.00%	0.00%	165	141	165	165.04065	Achieved		100
7740	7905	107.67485	97.33909	97.33909	100	0.00%	0.00%	165	141	165	165.04645	Achieved		100
7750	7915	107.04307	96.89035	96.89035	100	0.00%	0.00%	165	141	165	165.04906	Achieved		100
7760	7925	106.41418	96.45886	96.45886	100	0.00%	0.00%	165	141	165	165.05365	Achieved		100
7770	7935	105.77757	96.05163	96.05163	100	0.00%	0.00%	165	141	165	165.06014	Achieved		100
7780	7945	105.14818	95.66915	95.66915	100	0.00%	0.00%	165	141	165	165.06678	Achieved		100
7790	7955	104.51012	95.38657	95.38657	100	0.00%	0.00%	165	141	165	165.07141	Achieved		100
7800	7965	103.94525	95.13261	95.13261	100	0.00%	0.00%	165	141	165	165.07224	Achieved		100
7810	7975	103.30713	94.87087	94.87087	100	0.00%	0.00%	165	141	165	165.06858	Achieved		100
7820	7985	102.6874	94.63259	94.63259	100	0.00%	0.00%	165	141	165	165.06253	Achieved		100
7830	7995	102.07835	94.46442	94.46442	100	0.00%	0.00%	165	141	165	165.06053	Achieved		100
7840	8005	101.45998	94.36511	94.36511	100	0.00%	0.00%	165	141	165	165.0637	Achieved		100
7850	8015	100.83236	94.29705	94.29705	100	0.00%	0.00%	165	141	165	165.06708	Achieved		100
7860	8025	100.20025	94.27482	94.27482	100	0.00%	0.00%	165	141	165	165.06875	Achieved		100
7870	8035	99.5939	94.29459	94.29459	100	0.00%	0.00%	165	141	165	165.07407	Achieved		100
7880	8045	99.00725	94.33899	94.33899	100	0.00%	0.00%	165	141	165	165.07061	Achieved		100
7890	8055	98.45908	94.32254	94.32254	100	0.00%	0.00%	165	141	165	165.06038	Achieved		100
7900	8065	97.91389	93.46634	91.93154	100	0.00%	0.00%	165	141	122.66127	122.70497	Not Achieved		90
7910	8075	97.38957	94.40365	94.40365	100	0.00%	0.00%	165	141	165	165.0546	Achieved		100
7920	8085	96.97778	94.44022	94.44022	100	0.00%	0.00%	165	141	165	165.05156	Achieved		100
7930	8095	96.55585	94.49488	94.49488	100	0.00%	0.00%	165	141	165	165.04719	Achieved		100
7940	8105	96.15344	94.54382	94.54382	100	0.00%	0.00%	165	141	165	165.04327	Achieved		100
7950	8115	95.8198	94.58681	94.58681	100	0.00%	0.00%	165	141	165	165.03888	Achieved		100
7960	8125	95.55481	94.66459	94.66459	100	0.00%	0.00%	165	141	165	165.032	Achieved		100
7970	8135	95.30804	94.73864	94.73864	100	0.00%	0.00%	165	141	165	165.02458	Achieved		100
7980	8145	95.04327	94.8069	94.8069	100	0.00%	0.00%	165	141	165	165.02119	Achieved		100
7990	8155	94.84196	94.88134	94.88134	100	0.00%	0.00%	165	141	165	165.01935	Achieved		100
8000	8165	94.70628	94.97686	94.97686	100	0.00%	0.00%	165	141	165	165.01156	Achieved		100
8010	8175	94.62218	95.09701	95.09701	100	0.00%	0.00%	165	141	165	164.9994	Achieved		100
8020	8185	94.5743	95.23429	95.23429	100	0.00%	0.00%	165	141	165	165.00676	Achieved		100
8030	8195	94.57949	95.3872	95.3872	100	0.00%	0.00%	165	141	165	164.97741	Achieved		100
8040	8205	94.61683	95.57529	95.57529	100	0.00%	0.00%	165	141	165	164.96629	Achieved		100
8050	8215	94.63736	95.79814	95.79814	100	0.00%	0.00%	165	141	165	164.95904	Achieved		100
8060	8225	92.29614	92.4556	96.00797	100	0.00%	0.00%	165	141	7.08592	7.08598	Not Achieved		FALSE
8070	8235	94.68619	96.20679	96.20679	100	0.00%	0.00%	165	141	165	164.91697	Achieved		100
8080	8245	94.71543	96.42604	96.42604	100	0.00%	0.00%	165	141	165	164.88425	Achieved		100
8090	8255	94.76637	96.67463	96.67463	100	0.00%	0.00%	165	141	165	164.84574	Achieved		100
8100	8265	94.82155	96.91827	96.91827	100	0.00%	0.00%	165	141	165	164.80037	Achieved		100
8110	8275	94.86115	97.14473	97.14473	100	0.00%	0.00%	165	141	165	164.74602	Achieved		100
8120	8285	94.92475	97.36536	97.36536	100	0.00%	0.00%	165	141	165	164.68081	Achieved		100
8130	8295	95.00342	97.59089	97.59089	100	0.00%	0.00%	165	141	165	164.60208	Achieved		100
8140	8305	95.07352	97.82923	97.82923	100	0.00%	0.00%	165	141	165	164.49998	Achieved		100
8150	8315	95.14126	98.09179	98.09179	100	0.00%	0.00%	165	141	165	164.36989	Achieved		100
8160	8325	95.2253	98.34878	98.34878	100	0.00%	0.00%	165	141	165	164.27088	Achieved		100
8170	8335	95.33445	98.59938	98.59938	100	0.00%	0.00%	165	141	165	164.19476	Achieved		100
8180	8345	95.46224	98.84097	98.84097	100	0.00%	0.00%	165	141	165	164.1339	Achieved		100
8190	8355	95.61144	99.10441	99.10441	100	0.00%	0.00%	165	141	165	164.08512	Achieved		100
8200	8365	95.77231	99.39025	99.39025	100	0.00%	0.00%	165	141	165	164.05607	Achieved		100
8210	8375	95.98615	99.69243	99.69243	100	0.00%	0.00%	165	141	165	164.04696	Achieved		100
8220	8385	96.20554	100.01334	100.01334	100	0.00%	0.00%	165	141	165	164.06334	Achieved		100
8230	8395	96.40686	100.34886	100.34886	100	0.00%	0.00%	165	141	165	164.09864	Achieved		100
8240	8405	96.61235	100.66563	100.66563	100	0.00%	0.00%	165	141	165	164.15672	Achieved		100
8250	8415	96.84814	100.99824	100.99824	100	0.00%	0.00%	165	141	165	164.23333	Achieved		100
8260	8425	97.09939	101.33796	101.33796	100	0.00%	0.00%	165	141	165	164.31213	Achieved		100
8270	8435	97.33357	101.7097	101.7097	100	0.00%	0.00%	165	141	165	164.39325	Achieved		100
8280	8445	97.55468	102.06271	102.06271	100	0.00%	0.00%	165	141	165	164.49415	Achieved		100
8290	8455	97.77737	102.40379	102.40379	100	0.00%	0.00%	165	141	165	164.60399	Achieved		100
8300	8465	98.00672	102.76908	102.76908	100	0.00%	0.00%	165	141	165	164.70314	Achieved		100
8310	8475	98.26144	103.14924	103.14924	100	0.00%	0.00%	165	141	165	164.78023	Achieved		100
8320	8485	98.52146	103.52285	103.52285	100	0.00%	0.00%	165	141	165	164.82471	Achieved		100
8330	8495	98.77498	103.87739	103.87739	100	0.00%	0.00%	165	141	165	164.8726	Achieved		100
8340	8505	99.01745	104.26863	104.26863	100	0.00%	0.00%	165	141	165	164.90455	Achieved		100
8350	8515	99.26798	104.65106	104.65106	100	0.00%	0.00%	165	141	165	164.94023	Achieved		100
8360	8525	99.54797	105.05018	105.05018	100	0.00%	0.00%	165	141	165	164.97682	Achieved		100
8370	8535	99.83816	105.44903	105.44903	100	0.00%	0.00%	165	141	165	165.01018	Achieved		100
8380	8545	100.14998	105.85651	105.85651	100	0.00%	0.00%	165	141	165	165.03726	Achieved		100
8390	8555	100.48221	106.26228	106.26228	100	0.00%	0.00%	165	141	165	165.05945	Achieved		100
8400	8565	100.80874	106.63641	106.63641	100	0.00%	0.00%	165	141	165	165.07287	Achieved		100
8410	8575	101.12963	106.98631	106.98631	100	0.00%	0.00%	165	141	165	165.07305	Achieved		100
8420	8585	101.4659	107.30968	107.30968	100	0.00%	0.00%	165	141	165	165.06724	Achieved		100
8430	8595	101.82412	107.61987	107.61987	100	0.00%	0.00%	165	141	165	165.06706	Achieved		100
8440	8605	102.18802	107.92713	107.92713	100	0.00%	0.00%	165	141	165	165.06927	Achieved		100
8450	8615	102.53099	108.22913	108.22913	100	0.00%	0.00%	165	141	165	165.05983	Achieved		100
8460	8625	102.88711	108.51644	108.51644	100	0.00%	0.00%	165	141	165	165.0462	Achieved		100
8470	8635	103.25655	108.80112	108.80112	100	0.00%	0.00%	165	141	165	165.03973	Achieved		100
8480	8645	103.63731	109.11396	109.11396	100	0.00%	0.00%	165	141	165	165.0369	Achieved		100
8490	8655	104.00339	109.47064	109.47064	100	0.00%	0.00%	165	141	165	165.0308	Achieved		100
8500	8665	104.36359	109.85566	109.85566	100	0.00%	0.00%	165	141	165	165.02816	Achieved		100
8510	8675	104.76988	110.27531	110.27531	100	0.00%	0.00%	165	141	165	165.03357	Achieved		100
8520	8685	105.14552	110.73152	110.73152	100	0.00%	0.00%	165	141	165	165.04437	Achieved		100
8530	8695	105.55358	111.20943	111.20943	100	0.00%	0.00%	165	141	165	165.05404	Achieved		100
8540	8705	105.95263	111.70839	111.70839	100	0.00%	0.00%	165	141	165	165.06102	Achieved		100
8550	8715	106.35914	112.25148	112.25148	100	0.00%	0.00%	165	141	165	165.06626	Achieved		100
8560	8725	106.75549	112.78804	112.78804	100	0.00%	0.00%	165	141	165	165.06762	Achieved		100
8570	8735	107.11443	113.35609	113.35609	100	0.00%	0.00%	165	141	165	165.06475	Achieved		100
8580	8745	107.44911	113.90627	113.90627	100	0.00%	0.00%	165	141	165	165.25587	Achieved		100
8590	8755	107.7668	114.38934	114.38934	100	0.00%	0.00%	165	141	165	165.26102	Achieved		100
8600	8765	108.07298	114.8782	114.8782	100	0.00%	0.00%	165	141	165	165.25738	Achieved		100
8610	8775	108.37943	115.33864	115.33864	100	0.00%	0.00%	165	141	165	165.23888	Achieved		100
8620	8785	108.6738	115.79474	115.79474	100	0.00%	0.00%	165	141	165	165.21969	Achieved		100
8630	8795	108.95727	116.23721	116.23721	100	0.00%	0.00%	165	141	165	165.20709	Achieved		100
8640	8805	109.2538	116.68011	116.68011	100	0.00%	0.00%	165	141	165	165.20062	Achieved		100
8650	8815	109.58942	117.07442	117.07442	100	0.00%	0.00%	165	141	165	165.1983	Achieved		100
8660	8825	109.95784	117.4565	117.4565	100	0.00%	0.00%	165	141	165	165.19664	Achieved		100
8670	8835	110.36226	117.83468	117.83468	100	0.00%	0.00%	165	141	165	165.19571	Achieved		100
8680	8845	110.79886	118.17678	118.17678	100	0.00%	0.00%	165	141	165	165.19403	Achieved		100
8690	8855	111.26768	118.50901	118.50901	100	0.00%	0.00%	165	141	165	165.19004	Achieved		100
8700	8865	111.75538	118.8133	118.8133	100	0.00%	0.00%	165	141	165	165.18566	Achieved		100
8710	8875	112.27226	119.14125	119.14125	100	0.00%	0.00%	165	141	165	165.18226	Achieved		100
8720	8885	112.83016	119.49753	119.49753	100	0.00%	0.00%	165	141	165	165.18008	Achieved		100
8730	8895	113.36155	119.85345	119.85345	100	0.00%	0.00%	165	141	165	165.17845	Achieved		100
8740	8905	113.93598	120.24322	120.24322	100	0.00%	0.00%	165	141	165	165.17306	Achieved		100
8750	8915	114.45139	120.64902	120.64902	100	0.00%	0.00%	165	141	165	164.97539	Achieved		100
8760	8925	114.93594	121.08974	121.08974	100	0.00%	0.00%	165	141	165	164.96347	Achieved		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)
8770	8935	115.41193	121.55001	121.55001	100	0.00%	0.00%	165	141	165	164.95006	Achieved		100
8780	8945	115.86828	121.99149	121.99149	100	0.00%	0.00%	165	141	165	164.91586	Achieved		100
8790	8955	116.30778	122.46454	122.46454	100	0.00%	0.00%	165	141	165	164.8601	Achieved		100
8800	8965	116.76883	122.94238	122.94238	100	0.00%	0.00%	165	141	165	164.79791	Achieved		100
8810	8975	117.18049	123.42016	123.42016	100	0.00%	0.00%	165	141	165	164.72736	Achieved		100
8820	8985	117.56371	123.89518	123.89518	100	0.00%	0.00%	165	141	165	164.63775	Achieved		100
8830	8995	117.9508	124.33719	124.33719	100	0.00%	0.00%	165	141	165	164.52743	Achieved		100
8840	9005	118.309	124.75876	124.75876	100	0.00%	0.00%	165	141	165	164.40103	Achieved		100
8850	9015	118.64392	125.22991	125.22991	100	0.00%	0.00%	165	141	165	164.25957	Achieved		100
8860	9025	118.9619	125.69812	125.69812	100	0.00%	0.00%	165	141	165	164.10168	Achieved		100
8870	9035	119.2745	126.13298	126.13298	100	0.00%	0.00%	165	141	165	163.92958	Achieved		100
8880	9045	119.61748	126.55745	126.55745	100	0.00%	0.00%	165	141	165	163.75115	Achieved		100
8890	9055	119.97323	126.95067	126.95067	100	0.00%	0.00%	165	141	165	163.57436	Achieved		100
8900	9065	120.34456	127.31598	127.31598	100	0.00%	0.00%	165	141	165	163.4075	Achieved		100
8910	9075	120.74396	127.64681	127.64681	100	0.00%	0.00%	165	141	165	163.26623	Achieved		100
8920	9085	121.16393	127.96304	127.96304	100	0.00%	0.00%	165	141	165	163.18334	Achieved		100
8930	9095	121.62254	128.26472	128.26472	100	0.00%	0.00%	165	141	165	163.17268	Achieved		100
8940	9105	122.06643	128.54442	128.54442	100	0.00%	0.00%	165	141	165	163.21747	Achieved		100
8950	9115	122.52769	128.82406	128.82406	100	0.00%	0.00%	165	141	165	163.29676	Achieved		100
8960	9125	123.00334	129.10894	129.10894	100	0.00%	0.00%	165	141	165	163.40361	Achieved		100
8970	9135	123.48074	129.37956	129.37956	100	0.00%	0.00%	165	141	165	163.54172	Achieved		100
8980	9145	123.96051	129.61332	129.61332	100	0.00%	0.00%	165	141	165	163.70537	Achieved		100
8990	9155	124.4215	129.81217	129.81217	100	0.00%	0.00%	165	141	165	163.88221	Achieved		100
9000	9165	124.84379	129.98518	129.98518	100	0.00%	0.00%	165	141	165	164.06183	Achieved		100
9010	9175	125.28968	130.16039	130.16039	100	0.00%	0.00%	165	141	165	164.2372	Achieved		100
9020	9185	125.77003	130.35415	130.35415	100	0.00%	0.00%	165	141	165	164.40349	Achieved		100
9030	9195	126.21713	130.53716	130.53716	100	0.00%	0.00%	165	141	165	164.55602	Achieved		100
9040	9205	126.64708	130.70891	130.70891	100	0.00%	0.00%	165	141	165	164.69322	Achieved		100
9050	9215	127.05718	130.85537	130.85537	100	0.00%	0.00%	165	141	165	164.81283	Achieved		100
9060	9225	127.43761	130.96572	130.96572	100	0.00%	0.00%	165	141	165	164.91325	Achieved		100
9070	9235	127.78527	131.07734	131.07734	100	0.00%	0.00%	165	141	165	164.99085	Achieved		100
9080	9245	128.10451	131.20551	131.20551	100	0.00%	0.00%	165	141	165	165.03311	Achieved		100
9090	9255	128.41671	131.38116	131.38116	100	0.00%	0.00%	165	141	165	165.03636	Achieved		100
9100	9265	128.70598	131.61081	131.61081	100	0.00%	0.00%	165	141	165	165.01859	Achieved		100
9110	9275	128.98385	131.86948	131.86948	100	0.00%	0.00%	165	141	165	164.9942	Achieved		100
9120	9285	129.26599	132.1227	132.1227	100	0.00%	0.00%	165	141	165	164.95584	Achieved		100
9130	9295	129.54871	132.3891	132.3891	100	0.00%	0.00%	165	141	165	164.89028	Achieved		100
9140	9305	129.80027	132.67859	132.67859	100	0.00%	0.00%	165	141	165	164.80742	Achieved		100
9150	9315	130.01699	132.96928	132.96928	100	0.00%	0.00%	165	141	165	164.72547	Achieved		100
9160	9325	130.20158	133.20586	133.20586	100	0.00%	0.00%	165	141	165	164.64702	Achieved		100
9170	9335	130.36884	133.42885	133.42885	100	0.00%	0.00%	165	141	165	164.56375	Achieved		100
9180	9345	130.55551	133.69428	133.69428	100	0.00%	0.00%	165	141	165	164.48045	Achieved		100
9190	9355	130.74682	134.00165	134.00165	100	0.00%	0.00%	165	141	165	164.41319	Achieved		100
9200	9365	130.92655	134.34595	134.34595	100	0.00%	0.00%	165	141	165	164.38238	Achieved		100
9210	9375	131.08668	134.70079	134.70079	100	0.00%	0.00%	165	141	165	164.38002	Achieved		100
9220	9385	131.21201	135.06013	135.06013	100	0.00%	0.00%	165	141	165	164.40777	Achieved		100
9230	9395	131.32	135.40113	135.40113	100	0.00%	0.00%	165	141	165	164.45056	Achieved		100
9240	9405	131.43903	135.71588	135.71588	100	0.00%	0.00%	165	141	165	164.49826	Achieved		100
9250	9415	131.58508	136.00128	136.00128	100	0.00%	0.00%	165	141	165	164.55035	Achieved		100
9260	9425	131.79061	136.28352	136.28352	100	0.00%	0.00%	165	141	165	164.61305	Achieved		100
9270	9435	132.03633	136.58243	136.58243	100	0.00%	0.00%	165	141	165	164.69767	Achieved		100
9280	9445	132.29995	136.88867	136.88867	100	0.00%	0.00%	165	141	165	164.79171	Achieved		100
9290	9455	132.5522	137.19616	137.19616	100	0.00%	0.00%	165	141	165	164.87583	Achieved		100
9300	9465	132.83226	137.52294	137.52294	100	0.00%	0.00%	165	141	165	164.94327	Achieved		100
9310	9475	133.125	137.86344	137.86344	100	0.00%	0.00%	165	141	165	165.00142	Achieved		100
9320	9485	133.39479	138.18955	138.18955	100	0.00%	0.00%	165	141	165	165.04564	Achieved		100
9330	9495	133.61815	138.46619	138.46619	100	0.00%	0.00%	165	141	165	165.06797	Achieved		100
9340	9505	133.84908	138.72101	138.72101	100	0.00%	0.00%	165	141	165	165.07788	Achieved		100
9350	9515	134.15227	138.9898	138.9898	100	0.00%	0.00%	165	141	165	165.06577	Achieved		100
9360	9525	134.4665	139.28439	139.28439	100	0.00%	0.00%	165	141	165	165.0879	Achieved		100
9370	9535	134.82155	139.60695	139.60695	100	0.00%	0.00%	165	141	165	165.07764	Achieved		100
9380	9545	135.18236	139.93552	139.93552	100	0.00%	0.00%	165	141	165	165.08107	Achieved		100
9390	9555	135.53217	140.25672	140.25672	100	0.00%	0.00%	165	141	165	165.07581	Achieved		100
9400	9565	135.86234	140.60871	140.60871	100	0.00%	0.00%	165	141	165	165.05614	Achieved		100
9410	9575	136.16179	140.98867	140.98867	100	0.00%	0.00%	165	141	165	165.03376	Achieved		100
9420	9585	136.43969	141.42892	141.42892	100	0.00%	0.00%	165	141	165	165.02453	Achieved		100
9430	9595	136.73144	141.8978	141.8978	100	0.00%	0.00%	165	141	165	165.02774	Achieved		100
9440	9605	137.03772	142.39349	142.39349	100	0.00%	0.00%	165	141	165	165.01795	Achieved		100
9450	9615	137.33868	142.90725	142.90725	100	0.00%	0.00%	165	141	165	165.00509	Achieved		100
9460	9625	137.65961	143.44867	143.44867	100	0.00%	0.00%	165	141	165	164.99886	Achieved		100
9470	9635	137.98709	143.97934	143.97934	100	0.00%	0.00%	165	141	165	165.00023	Achieved		100
9480	9645	138.33929	144.51865	144.51865	100	0.00%	0.00%	165	141	165	165.00173	Achieved		100
9490	9655	138.62925	145.0204	145.0204	100	0.00%	0.00%	165	141	165	165.00089	Achieved		100
9500	9665	138.89153	145.47287	145.47287	100	0.00%	0.00%	165	141	165	164.99804	Achieved		100
9510	9675	139.15463	145.96005	145.96005	100	0.00%	0.00%	165	141	165	164.99392	Achieved		100
9520	9685	139.43324	146.47844	146.47844	100	0.00%	0.00%	165	141	165	164.99552	Achieved		100
9530	9695	139.74535	147.01514	147.01514	100	0.00%	0.00%	165	141	165	165.00101	Achieved		100
9540	9705	140.07079	147.55485	147.55485	100	0.00%	0.00%	165	141	165	164.99516	Achieved		100
9550	9715	140.39223	148.12671	148.12671	100	0.00%	0.00%	165	141	165	164.9772	Achieved		100
9560	9725	140.73179	148.7118	148.7118	100	0.00%	0.00%	165	141	165	164.9699	Achieved		100
9570	9735	141.09041	149.28433	149.28433	100	0.00%	0.00%	165	141	165	164.97293	Achieved		100
9580	9745	141.50012	149.85342	149.85342	100	0.00%	0.00%	165	141	165	164.96859	Achieved		100
9590	9755	141.9642	150.41113	150.41113	100	0.00%	0.00%	165	141	165	164.95022	Achieved		100
9600	9765	142.44278	150.94542	150.94542	100	0.00%	0.00%	165	141	165	164.92317	Achieved		100
9610	9775	142.94623	151.45771	151.45771	100	0.00%	0.00%	165	141	165	164.89301	Achieved		100
9620	9785	143.47645	151.9593	151.9593	100	0.00%	0.00%	165	141	165	164.86645	Achieved		100
9630	9795	144.01556	152.44456	152.44456	100	0.00%	0.00%	165	141	165	164.83779	Achieved		100
9640	9805	144.54794	152.90323	152.90323	100	0.00%	0.00%	165	141	165	164.80162	Achieved		100
9650	9815	145.08268	153.35552	153.35552	100	0.00%	0.00%	165	141	165	164.75898	Achieved		100
9660	9825	145.54083	153.78708	153.78708	100	0.00%	0.00%	165	141	165	164.71028	Achieved		100
9670	9835	146.01463	154.20544	154.20544	100	0.00%	0.00%	165	141	165	164.65725	Achieved		100
9680	9845	146.51477	154.62169	154.62169	100	0.00%	0.00%	165	141	165	164.60509	Achieved		100
9690	9855	147.04669	155.02653	155.02653	100	0.00%	0.00%	165	141	165	164.55614	Achieved		100
9700	9865	147.58212	155.42365	155.42365	100	0.00%	0.00%	165	141	165	164.51769	Achieved		100
9710	9875	148.13777	155.8395	155.8395	100	0.00%	0.00%	165	141	165	164.49244	Achieved		100
9720	9885	148.7165	156.27578	156.27578	100	0.00%	0.00%	165	141	165	164.47593	Achieved		100
9730	9895	149.30358	156.75872	156.75872	100	0.00%	0.00%	165	141	165	164.46865	Achieved		100
9740	9905	149.86839	157.28348	157.28348	100	0.00%	0.00%	165	141	165	164.47336	Achieved		100
9750	9915	150.43479	157.83448	157.83448	100	0.00%	0.00%	165	141	165	164.49045	Achieved		100
9760	9925	150.97993	158.40747	158.40747	100	0.00%	0.00%	165	141	165	164.52362	Achieved		100
9770	9935	151.50703	158.98613	158.98613	100	0.00%	0.00%	165	141	165	164.56603	Achieved		100
9780	9945	152.00773	159.57154	159.57154	100	0.00%	0.00%	165	141	165	164.60284	Achieved		100
9790	9955	152.50586	160.15935	160.15935	100	0.00%	0.00%	165	141	165	164.63541	Achieved		100
9800	9965	152.97296	160.7579	160.7579	100	0.00%	0.00%	165	141	165	164.67597	Achieved		100
9810	9975	153.4335	161.42109	161.42109	100	0.00%	0.00%	165	141	165	164.72234	Achieved		100
9820	9985	153.87311	162.13287	162.13287	100	0.00%	0.00%	165	141	165	164.7639	Achieved		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)
9830	9995	154.2971	162.87296	162.87296	100	0.00%	0.00%	165	141	165	164.79926	Achieved		100
9840	10005	154.71373	163.66203	163.66203	100	0.00%	0.00%	165	141	165	164.83235	Achieved		100
9850	10015	155.12637	164.55516	164.55516	100	0.00%	0.00%	165	141	165	164.86015	Achieved		100
9860	10025	155.52487	165.50633	165.50633	100	0.00%	0.00%	165	141	165	164.88014	Achieved		100
9870	10035	155.92778	166.43465	166.43465	100	0.00%	0.00%	165	141	165	164.89588	Achieved		100
9880	10045	156.35564	167.45471	167.45471	100	0.00%	0.00%	165	141	165	164.91506	Achieved		100
9890	10055	156.80818	168.51441	168.51441	100	0.00%	0.00%	165	141	165	164.93332	Achieved		100
9900	10065	157.31758	169.53953	169.53953	100	0.00%	0.00%	165	141	165	164.94564	Achieved		100
9910	10075	157.85524	170.56763	170.56763	100	0.00%	0.00%	165	141	165	164.95411	Achieved		100
9920	10085	158.42069	171.62247	171.62247	100	0.00%	0.00%	165	141	165	164.9598	Achieved		100
9930	10095	158.99783	172.68626	172.68626	100	0.00%	0.00%	165	141	165	164.96111	Achieved		100
9940	10105	159.57577	173.76629	173.76629	100	0.00%	0.00%	165	141	165	164.95872	Achieved		100
9950	10115	160.16783	174.85141	174.85141	100	0.00%	0.00%	165	141	165	164.95268	Achieved		100
9960	10125	160.75249	175.89275	175.89275	100	0.00%	0.00%	165	141	165	164.93924	Achieved		100
9970	10135	161.38144	176.91988	176.91988	100	0.00%	0.00%	165	141	165	164.91935	Achieved		100
9980	10145	162.0721	177.94401	177.94401	100	0.00%	0.00%	165	141	165	164.89771	Achieved		100
9990	10155	162.79926	178.96172	178.96172	100	0.00%	0.00%	165	141	165	164.86627	Achieved		100
10000	10165	163.55521	179.97496	179.97496	100	0.00%	0.00%	165	141	165	164.80954	Achieved		100
10010	10175	164.4001	180.99438	180.99438	100	0.00%	0.00%	165	141	165	164.7054	Achieved		100
10020	10185	165.32874	181.99068	181.99068	100	0.00%	0.00%	165	141	165	164.60916	Achieved		100
10030	10195	166.27268	183.00048	183.00048	100	0.00%	0.00%	165	141	165	164.46445	Achieved		100
10040	10205	167.23019	184.03878	184.03878	100	0.00%	0.00%	165	141	165	164.30308	Achieved		100
10050	10215	168.28437	185.0813	185.0813	100	0.00%	0.00%	165	141	165	164.13373	Achieved		100
10060	10225	169.33292	186.14803	186.14803	100	0.00%	0.00%	165	141	165	163.98302	Achieved		100
10070	10235	170.34786	187.21166	187.21166	100	0.00%	0.00%	165	141	165	163.86551	Achieved		100
10080	10245	171.39363	188.28747	188.28747	100	0.00%	0.00%	165	141	165	163.76775	Achieved		100
10090	10255	172.45113	189.34825	189.34825	100	0.00%	0.00%	165	141	165	163.69466	Achieved		100
10100	10265	173.52355	190.36838	190.36838	100	0.00%	0.00%	165	141	165	163.64984	Achieved		100
10110	10275	174.61187	191.3569	191.3569	100	0.00%	0.00%	165	141	165	163.63978	Achieved		100
10120	10285	175.67439	192.33744	192.33744	100	0.00%	0.00%	165	141	165	163.67712	Achieved		100
10130	10295	176.70703	193.32641	193.32641	100	0.00%	0.00%	165	141	165	163.75673	Achieved		100
10140	10305	177.72913	194.32078	194.32078	100	0.00%	0.00%	165	141	165	163.86722	Achieved		100
10150	10315	178.75685	195.30533	195.30533	100	0.00%	0.00%	165	141	165	164.00303	Achieved		100
10160	10325	179.76686	196.28547	196.28547	100	0.00%	0.00%	165	141	165	164.15762	Achieved		100
10170	10335	180.78905	197.24242	197.24242	100	0.00%	0.00%	165	141	165	164.31905	Achieved		100
10180	10345	181.7936	198.15099	198.15099	100	0.00%	0.00%	165	141	165	164.4598	Achieved		100
10190	10355	182.79184	199.02827	199.02827	100	0.00%	0.00%	165	141	165	164.6008	Achieved		100
10200	10365	183.82172	199.90707	199.90707	100	0.00%	0.00%	165	141	165	164.70517	Achieved		100
10210	10375	184.85496	200.78521	200.78521	100	0.00%	0.00%	165	141	165	164.78323	Achieved		100
10220	10385	185.91432	201.66819	201.66819	100	0.00%	0.00%	165	141	165	164.83834	Achieved		100
10230	10395	186.98287	202.53924	202.53924	100	0.00%	0.00%	165	141	165	164.88058	Achieved		100
10240	10405	188.04917	203.3481	203.3481	100	0.00%	0.00%	165	141	165	164.92045	Achieved		100
10250	10415	189.12513	204.10479	204.10479	100	0.00%	0.00%	165	141	165	164.96044	Achieved		100
10260	10425	190.16307	204.83983	204.83983	100	0.00%	0.00%	165	141	165	165.00309	Achieved		100
10270	10435	191.16511	205.57732	205.57732	100	0.00%	0.00%	165	141	165	165.04415	Achieved		100
10280	10445	192.14744	206.27749	206.27749	100	0.00%	0.00%	165	141	165	165.07338	Achieved		100
10290	10455	193.1303	206.89616	206.89616	100	0.00%	0.00%	165	141	165	165.0898	Achieved		100
10300	10465	194.12188	207.47765	207.47765	100	0.00%	0.00%	165	141	165	165.05363	Achieved		100
10310	10475	195.11836	208.05197	208.05197	100	0.00%	0.00%	165	141	165	164.99549	Achieved		100
10320	10485	196.09781	208.60683	208.60683	100	0.00%	0.00%	165	141	165	164.91067	Achieved		100
10330	10495	197.06878	209.13746	209.13746	100	0.00%	0.00%	165	141	165	164.80211	Achieved		100
10340	10505	198.00422	209.64351	209.64351	100	0.00%	0.00%	165	141	165	164.67528	Achieved		100
10350	10515	198.88967	210.13345	210.13345	100	0.00%	0.00%	165	141	165	164.54417	Achieved		100
10360	10525	199.76623	210.57902	210.57902	100	0.00%	0.00%	165	141	165	164.41094	Achieved		100
10370	10535	200.64991	205.47734	210.98096	100	0.00%	0.00%	165	141	76.82599	76.76791	Not Achieved	HA/VA	60
10380	10545	201.52775	205.47467	211.38336	100	0.00%	0.00%	165	141	65.66544	65.7356	Not Achieved	HA/VA	60
10390	10555	202.40978	205.84439	211.75628	100	0.00%	0.00%	165	141	60.05316	60.28098	Not Achieved	HA/VA	50
10400	10565	203.25166	206.26793	212.0447	100	0.00%	0.00%	165	141	56.05526	56.25432	Not Achieved	HA/VA	50
10410	10575	204.03742	206.88691	212.26782	100	0.00%	0.00%	165	141	56.69763	56.782	Not Achieved	HA/VA	50
10420	10585	204.77053	207.57676	212.50187	100	0.00%	0.00%	165	141	59.50625	59.55816	Not Achieved	HA/VA	50
10430	10595	205.50291	208.24897	212.71841	100	0.00%	0.00%	165	141	62.57152	62.49835	Not Achieved	HA/VA	50
10440	10605	206.23862	209.12655	212.90847	100	0.00%	0.00%	165	141	71.42899	71.17261	Not Achieved	HA/VA	60
10450	10615	206.89022	213.06091	213.06091	100	0.00%	0.00%	165	141	165	164.53284	Achieved		100
10460	10625	207.48606	213.16753	213.16753	100	0.00%	0.00%	165	141	165	164.68657	Achieved		100
10470	10635	208.0769	213.23422	213.23422	100	0.00%	0.00%	165	141	165	164.80457	Achieved		100
10480	10645	208.63436	210.94104	213.29131	100	0.00%	0.00%	165	141	81.86812	81.68519	Not Achieved	HA/VA	70
10490	10655	209.17596	210.97633	213.31246	100	0.00%	0.00%	165	141	71.87306	71.81447	Not Achieved	HA/VA	60
10500	10665	209.69023	211.09055	213.30759	100	0.00%	0.00%	165	141	63.86491	63.89659	Not Achieved	HA/VA	60
10510	10675	210.19253	211.34278	213.25895	100	0.00%	0.00%	165	141	61.84439	61.93218	Not Achieved	HA/VA	50
10520	10685	210.67088	211.62574	213.19196	100	0.00%	0.00%	165	141	62.4221	62.53874	Not Achieved	HA/VA	50
10530	10695	211.06044	211.8447	213.16348	100	0.00%	0.00%	165	141	61.48094	61.55859	Not Achieved	HA/VA	50
10540	10705	211.48995	212.14213	213.10071	100	0.00%	0.00%	165	141	66.77217	66.82713	Not Achieved	HA/VA	60
10550	10715	211.87509	212.98529	212.98529	100	0.00%	0.00%	165	141	165	165.03069	Achieved		100
10560	10725	212.20749	212.8494	212.8494	100	0.00%	0.00%	165	141	165	165.01698	Achieved		100
10570	10735	212.46104	212.71151	212.71151	100	0.00%	0.00%	165	141	165	165.0038	Achieved		100
10580	10745	212.68123	212.5332	212.5332	100	0.00%	0.00%	165	141	165	164.99184	Achieved		100
10590	10755	212.90869	212.39685	212.39685	100	0.00%	0.00%	165	141	165	164.99034	Achieved		100
10600	10765	213.1178	212.25901	212.25901	100	0.00%	0.00%	165	141	165	164.99703	Achieved		100
10610	10775	213.29213	212.10135	212.10135	100	0.00%	0.00%	165	141	165	165.00115	Achieved		100
10620	10785	213.42117	211.94867	211.94867	100	0.00%	0.00%	165	141	165	165.00137	Achieved		100
10630	10795	213.5003	211.82222	211.82222	100	0.00%	0.00%	165	141	165	165.00603	Achieved		100
10640	10805	213.56155	211.65736	211.65736	100	0.00%	0.00%	165	141	165	165.01622	Achieved		100
10650	10815	213.60464	211.48816	211.48816	100	0.00%	0.00%	165	141	165	165.03431	Achieved		100
10660	10825	213.61467	211.29814	211.29814	100	0.00%	0.00%	165	141	165	165.06183	Achieved		100
10670	10835	213.58544	211.14318	211.14318	100	0.00%	0.00%	165	141	165	165.06708	Achieved		100
10680	10845	213.52136	210.97065	210.97065	100	0.00%	0.00%	165	141	165	165.05413	Achieved		100
10690	10855	213.47579	210.77901	210.77901	100	0.00%	0.00%	165	141	165	165.04468	Achieved		100
10700	10865	213.44103	210.60312	210.60312	100	0.00%	0.00%	165	141	165	165.04436	Achieved		100
10710	10875	213.34586	210.42958	210.42958	100	0.00%	0.00%	165	141	165	165.0423	Achieved		100
10720	10885	213.22211	210.2541	210.2541	100	0.00%	0.00%	165	141	165	165.03651	Achieved		100
10730	10895	213.08425	210.06237	210.06237	100	0.00%	0.00%	165	141	165	165.03166	Achieved		100
10740	10905	212.91703	209.88679	209.88679	100	0.00%	0.00%	165	141	165	165.03379	Achieved		100
10750	10915	212.77055	209.68612	209.68612	100	0.00%	0.00%	165	141	165	165.04228	Achieved		100
10760	10925	212.62619	209.50084	209.50084	100	0.00%	0.00%	165	141	165	165.04673	Achieved		100
10770	10935	212.48376	209.28849	209.28849	100	0.00%	0.00%	165	141	165	165.04575	Achieved		100
10780	10945	212.32581	209.04917	209.04917	100	0.00%	0.00%	165	141	165	165.04756	Achieved		100
10790	10955	212.18203	208.73428	208.73428	100	0.00%	0.00%	165	141	165	165.05475	Achieved		100
10800	10965	212.03787	208.34959	208.34959	100	0.00%	0.00%	165	141	165	165.12467	Achieved		100
10810	10975	211.87598	207.93096	207.93096	100	0.00%	0.00%	165	141	165	165.11924	Achieved		100
10820	10985	211.69097	207.53086	207.53086	100	0.00%	0.00%	165	141	165	165.0959	Achieved		100
10830	10995	211.51995	207.15649	207.15649	100	0.00%	0.00%	165	141	165	165.07231	Achieved		100
10840	11005	211.36127	206.86708	206.86708	100	0.00%	0.00%	165	141	165	165.07005	Achieved		100
10850	11015	211.174	206.74383	206.74383	100	0.00%	0.00%	165	141	165	165.07628	Achieved		100
10860	11025	210.98946	206.83801	206.83801	100	0.00%	0.00%	165	141	165	165.07076	Achieved		100
10870	11035	210.81314	207.10576	207.10576	100	0.00%	0.00%	165	141	165	165.0623	Achieved		100
10880	11045	210.64443	207.55531	207.55531	100	0.00%	0.00%	165	141	165	165.06109	Achieved		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)
10890	11055	210.4588	208.14315	208.14315	100	0.00%	0.00%	165	141	165	165.06473	Achieved		100
10900	11065	210.27223	208.86494	208.86494	100	0.00%	0.00%	165	141	165	165.07143	Achieved		100
10910	11075	210.08828	209.66896	209.66896	100	0.00%	0.00%	165	141	165	165.07371	Achieved		100
10920	11085	209.88924	210.48624	210.48624	100	0.00%	0.00%	165	141	165	165.06702	Achieved		100
10930	11095	209.6929	211.27527	211.27527	100	0.00%	0.00%	165	141	165	165.05403	Achieved		100
10940	11105	209.47144	212.04908	212.04908	100	0.00%	0.00%	165	141	165	165.04035	Achieved		100
10950	11115	209.19933	212.79633	212.79633	100	0.00%	0.00%	165	141	165	165.03084	Achieved		100
10960	11125	208.84811	213.50451	213.50451	100	0.00%	0.00%	165	141	165	164.9539	Achieved		100
10970	11135	208.43998	214.15299	214.15299	100	0.00%	0.00%	165	141	165	164.92595	Achieved		100
10980	11145	208.02798	214.73964	214.73964	100	0.00%	0.00%	165	141	165	164.87705	Achieved		100
10990	11155	207.63732	215.26537	215.26537	100	0.00%	0.00%	165	141	165	164.80754	Achieved		100
11000	11165	207.29816	215.73795	215.73795	100	0.00%	0.00%	165	141	165	164.7153	Achieved		100
11010	11175	207.07714	216.16743	216.16743	100	0.00%	0.00%	165	141	165	164.59419	Achieved		100
11020	11185	207.06293	216.53941	216.53941	100	0.00%	0.00%	165	141	165	164.43496	Achieved		100
11030	11195	207.2373	216.85922	216.85922	100	0.00%	0.00%	165	141	165	164.25321	Achieved		100
11040	11205	207.61003	214.68884	217.0564	100	0.00%	0.00%	165	141	123.5536	122.94606	Not Achieved	VA	90
11050	11215	208.13356	213.73244	217.19222	100	0.00%	0.00%	165	141	101.68626	101.29302	Not Achieved	VA	80
11060	11225	208.78838	213.14283	217.26986	100	0.00%	0.00%	165	141	84.14546	84.05776	Not Achieved	VA	70
11070	11235	209.5617	212.97365	217.30972	100	0.00%	0.00%	165	141	72.05328	72.03618	Not Achieved	VA	60
11080	11245	210.37976	213.06029	217.30942	100	0.00%	0.00%	165	141	63.15355	63.22758	Not Achieved	VA	50
11090	11255	211.1812	213.31591	217.34907	100	0.00%	0.00%	165	141	56.4791	56.53635	Not Achieved	VA	50
11100	11265	211.96246	213.71721	217.50515	100	0.00%	0.00%	165	141	51.65741	51.69312	Not Achieved	VA	50
11110	11275	212.72776	214.21592	217.79634	100	0.00%	0.00%	165	141	47.89206	47.92946	Not Achieved	VA	40
11120	11285	213.45668	214.67869	218.14981	100	0.00%	0.00%	165	141	42.47727	42.50545	Not Achieved	VA	40
11130	11295	214.13227	215.17999	218.56832	100	0.00%	0.00%	165	141	38.54711	38.56992	Not Achieved	VA	40
11140	11305	214.75551	219.09349	219.09349	100	0.00%	0.00%	165	141	165	163.44657	Achieved		100
11150	11315	215.31362	219.67586	219.67586	100	0.00%	0.00%	165	141	165	163.6464	Achieved		100
11160	11325	215.8043	220.22863	220.22863	100	0.00%	0.00%	165	141	165	163.87714	Achieved		100
11170	11335	216.25854	220.73458	220.73458	100	0.00%	0.00%	165	141	165	164.13225	Achieved		100
11180	11345	216.66141	221.18811	221.18811	100	0.00%	0.00%	165	141	165	164.38531	Achieved		100
11190	11355	217.01698	221.51071	221.51071	100	0.00%	0.00%	165	141	165	164.59887	Achieved		100
11200	11365	217.27593	221.7494	221.7494	100	0.00%	0.00%	165	141	165	164.75177	Achieved		100
11210	11375	217.44012	221.94447	221.94447	100	0.00%	0.00%	165	141	165	164.81442	Achieved		100
11220	11385	217.52859	222.14812	222.14812	100	0.00%	0.00%	165	141	165	164.79361	Achieved		100
11230	11395	217.58838	222.34348	222.34348	100	0.00%	0.00%	165	141	165	164.71684	Achieved		100
11240	11405	217.61385	222.50285	222.50285	100	0.00%	0.00%	165	141	165	164.61099	Achieved		100
11250	11415	217.61767	222.65788	222.65788	100	0.00%	0.00%	165	141	165	164.50215	Achieved		100
11260	11425	217.71156	222.8131	222.8131	100	0.00%	0.00%	165	141	165	164.40388	Achieved		100
11270	11435	217.93898	222.99923	222.99923	100	0.00%	0.00%	165	141	165	164.33444	Achieved		100
11280	11445	218.2637	223.18734	223.18734	100	0.00%	0.00%	165	141	165	164.30875	Achieved		100
11290	11455	218.64865	223.37297	223.37297	100	0.00%	0.00%	165	141	165	164.33682	Achieved		100
11300	11465	219.11933	223.55393	223.55393	100	0.00%	0.00%	165	141	165	164.41729	Achieved		100
11310	11475	219.68309	223.68034	223.68034	100	0.00%	0.00%	165	141	165	164.54069	Achieved		100
11320	11485	220.26205	223.81913	223.81913	100	0.00%	0.00%	165	141	165	164.68073	Achieved		100
11330	11495	220.78519	223.9897	223.9897	100	0.00%	0.00%	165	141	165	164.81356	Achieved		100
11340	11505	221.27632	224.21908	224.21908	100	0.00%	0.00%	165	141	165	164.91357	Achieved		100
11350	11515	221.65801	224.46444	224.46444	100	0.00%	0.00%	165	141	165	164.95649	Achieved		100
11360	11525	221.94767	224.73139	224.73139	100	0.00%	0.00%	165	141	165	164.92929	Achieved		100
11370	11535	222.14973	224.98992	224.98992	100	0.00%	0.00%	165	141	165	164.85222	Achieved		100
11380	11545	222.35494	225.21369	225.21369	100	0.00%	0.00%	165	141	165	164.76114	Achieved		100
11390	11555	222.55408	225.4219	225.4219	100	0.00%	0.00%	165	141	165	164.68401	Achieved		100
11400	11565	222.73024	225.58956	225.58956	100	0.00%	0.00%	165	141	165	164.63461	Achieved		100
11410	11575	222.88158	225.72942	225.72942	100	0.00%	0.00%	165	141	165	164.60549	Achieved		100
11420	11585	223.03092	225.89765	225.89765	100	0.00%	0.00%	165	141	165	164.58848	Achieved		100
11430	11595	223.20376	226.02331	226.02331	100	0.00%	0.00%	165	141	165	164.58715	Achieved		100
11440	11605	223.39299	226.10044	226.10044	100	0.00%	0.00%	165	141	165	164.60288	Achieved		100
11450	11615	223.58058	226.17875	226.17875	100	0.00%	0.00%	165	141	165	164.63347	Achieved		100
11460	11625	223.76142	226.23724	226.23724	100	0.00%	0.00%	165	141	165	164.67557	Achieved		100
11470	11635	223.91519	226.25575	226.25575	100	0.00%	0.00%	165	141	165	164.72571	Achieved		100
11480	11645	224.0465	226.25779	226.25779	100	0.00%	0.00%	165	141	165	164.77897	Achieved		100
11490	11655	224.20181	226.23906	226.23906	100	0.00%	0.00%	165	141	165	164.83092	Achieved		100
11500	11665	224.40673	226.19149	226.19149	100	0.00%	0.00%	165	141	165	164.8793	Achieved		100
11510	11675	224.63915	226.14084	226.14084	100	0.00%	0.00%	165	141	165	164.91894	Achieved		100
11520	11685	224.89935	226.08857	226.08857	100	0.00%	0.00%	165	141	165	164.94989	Achieved		100
11530	11695	225.16636	226.03694	226.03694	100	0.00%	0.00%	165	141	165	164.9743	Achieved		100
11540	11705	225.4036	225.9595	225.9595	100	0.00%	0.00%	165	141	165	164.98764	Achieved		100
11550	11715	225.62319	225.83835	225.83835	100	0.00%	0.00%	165	141	165	164.98159	Achieved		100
11560	11725	225.81182	225.72311	225.72311	100	0.00%	0.00%	165	141	165	164.95298	Achieved		100
11570	11735	225.95773	225.62243	225.62243	100	0.00%	0.00%	165	141	165	164.90348	Achieved		100
11580	11745	226.11254	225.52375	225.52375	100	0.00%	0.00%	165	141	165	164.82834	Achieved		100
11590	11755	226.26881	225.44102	225.44102	100	0.00%	0.00%	165	141	165	164.7054	Achieved		100
11600	11765.046	226.36512	225.33674	225.33674	100	0.00%	0.00%	165	141	165.04578	164.5601	Achieved		100
11610	11775	226.43801	225.19558	225.19558	100	0.00%	0.00%	165	141	165	164.29418	Achieved		100
11620	11785	226.51855	225.05574	225.05574	100	0.00%	0.00%	165	141	165	163.99768	Achieved		100
11630	11795	226.54532	224.93953	224.93953	100	0.00%	0.00%	165	141	165	163.68802	Achieved		100
11640	11805	226.56017	224.82812	224.82812	100	0.00%	0.00%	165	141	165	163.38782	Achieved		100
11650	11815	226.55016	224.69456	224.69456	100	0.00%	0.00%	165	141	165	163.1237	Achieved		100
11660	11825	226.51719	224.60169	224.60169	100	0.00%	0.00%	165	141	165	162.91937	Achieved		100
11670	11835	226.47443	224.52395	224.52395	100	0.00%	0.00%	165	141	165	162.79921	Achieved		100
11680	11845	226.41505	224.46226	224.46226	100	0.00%	0.00%	165	141	165	162.77404	Achieved		100
11690	11855	226.36119	224.4125	224.4125	100	0.00%	0.00%	165	141	165	162.84862	Achieved		100
11700	11865	226.30473	224.35471	224.35471	100	0.00%	0.00%	165	141	165	163.0216	Achieved		100
11710	11875	226.19888	224.29751	224.29751	100	0.00%	0.00%	165	141	165	163.28305	Achieved		100
11720	11885	226.07761	224.26332	224.26332	100	0.00%	0.00%	165	141	165	163.60775	Achieved		100
11730	11895	225.97127	224.25463	224.25463	100	0.00%	0.00%	165	141	165	163.95096	Achieved		100
11740	11905	225.87228	224.2475	224.2475	100	0.00%	0.00%	165	141	165	164.26503	Achieved	HA	100
11750	11915	225.78111	224.22827	224.22827	100	0.00%	0.00%	165	141	165	164.53281	Achieved	HA	100
11760	11925	225.69467	224.18733	224.18733	100	0.00%	0.00%	165	141	165	164.71264	Achieved	HA	100
11770	11935	225.5692	224.17227	224.17227	100	0.00%	0.00%	165	141	165	164.76255	Achieved	HA	100
11780	11945	225.42419	224.13998	224.13998	100	0.00%	0.00%	165	141	165	164.79512	Achieved		100
11790	11955	225.29186	224.09766	224.09766	100	0.00%	0.00%	165	141	165	164.79285	Achieved		100
11800	11965	225.18618	224.01455	224.01455	100	0.00%	0.00%	165	141	165	164.78237	Achieved		100
11810	11975	225.06193	223.93637	223.93637	100	0.00%	0.00%	165	141	165	164.7895	Achieved		100
11820	11985	224.94602	223.8736	223.8736	100	0.00%	0.00%	165	141	165	164.81769	Achieved		100
11830	11995	224.86373	223.79409	223.79409	100	0.00%	0.00%	165	141	165	164.86122	Achieved		100
11840	12005	224.78975	223.71582	223.71582	100	0.00%	0.00%	165	141	165	164.91688	Achieved		100
11850	12015	224.73926	223.61578	223.61578	100	0.00%	0.00%	165	141	165	164.97891	Achieved		100
11860	12025	224.68472	223.54819	223.54819	100	0.00%	0.00%	165	141	165	165.03721	Achieved		100
11870	12035	224.6261	223.47221	223.47221	100	0.00%	0.00%	165	141	165	165.0767	Achieved		100
11880	12045	224.57498	223.3463	223.3463	100	0.00%	0.00%	165	141	165	165.10056	Achieved		100
11890	12055	224.55857	223.20296	223.20296	100	0.00%	0.00%	165	141	165	165.11086	Achieved		100
11900	12065	224.54851	223.02525	223.02525	100	0.00%	0.00%	165	141	165	165.0886	Achieved		100
11910	12075	224.54681	222.82034	222.82034	100	0.00%	0.00%	165	141	165	165.0792	Achieved		100
11920	12085	224.50569	222.55733	222.55733	100	0.00%	0.00%	165	141	165	165.06271	Achieved		100
11930	12095	224.4802	222.2585	222.2585	100	0.00%	0.00%	165	141	165	165.0517	Achieved		100
11940	12105	224.4599	221.92095	221.92095	100	0.00%	0.00%	165	141	165	165.04573	Achieved		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)
11950	12115	224.42178	221.55399	221.55399	100	0.00%	0.00%	165	141	165	165.04462	Achieved		100
11960	12125	224.35683	221.19121	221.19121	100	0.00%	0.00%	165	141	165	165.05387	Achieved		100
11970	12135	224.27211	220.82115	220.82115	100	0.00%	0.00%	165	141	165	165.07323	Achieved		100
11980	12145	224.20665	220.43402	220.43402	100	0.00%	0.00%	165	141	165	165.09095	Achieved		100
11990	12155	224.13667	220.03646	220.03646	100	0.00%	0.00%	165	141	165	165.12803	Achieved		100
12000	12165	224.05376	219.64771	219.64771	100	0.00%	0.00%	165	141	165	165.12235	Achieved		100
12010	12175	223.96777	219.27895	219.27895	100	0.00%	0.00%	165	141	165	165.06931	Achieved		100
12020	12185	223.87458	218.93622	218.93622	100	0.00%	0.00%	165	141	165	164.97531	Achieved		100
12030	12195	223.81651	218.58535	218.58535	100	0.00%	0.00%	165	141	165	164.87355	Achieved		100
12040	12205	223.71191	218.26256	218.26256	100	0.00%	0.00%	165	141	165	164.77836	Achieved		100
12050	12215	223.57877	217.93296	217.93296	100	0.00%	0.00%	165	141	165	164.70046	Achieved		100
12060	12225	223.42099	217.58992	217.58992	100	0.00%	0.00%	165	141	165	164.64055	Achieved		100
12070	12235	223.22847	217.28734	217.28734	100	0.00%	0.00%	165	141	165	164.59232	Achieved		100
12080	12245	222.99698	217.05281	217.05281	100	0.00%	0.00%	165	141	165	164.5598	Achieved		100
12090	12255	222.70974	216.84572	216.84572	100	0.00%	0.00%	165	141	165	164.55569	Achieved		100
12100	12265	222.39294	216.6626	216.6626	100	0.00%	0.00%	165	141	165	164.58043	Achieved		100
12110	12275	222.03947	216.5121	216.5121	100	0.00%	0.00%	165	141	165	164.62753	Achieved		100
12120	12285	221.67	216.37564	216.37564	100	0.00%	0.00%	165	141	165	164.69682	Achieved		100
12130	12295	221.30666	216.23062	216.23062	100	0.00%	0.00%	165	141	165	164.78939	Achieved		100
12140	12305	220.92799	216.18767	216.18767	100	0.00%	0.00%	165	141	165	164.88584	Achieved		100
12150	12315	220.5342	216.15732	216.15732	100	0.00%	0.00%	165	141	165	164.94454	Achieved		100
12160	12325	220.14217	216.17061	216.17061	100	0.00%	0.00%	165	141	165	164.99092	Achieved		100
12170	12335	219.75758	216.22147	216.22147	100	0.00%	0.00%	165	141	165	165.00849	Achieved		100
12180	12345	219.40733	216.2726	216.2726	100	0.00%	0.00%	165	141	165	165.02089	Achieved		100
12190	12355	219.06132	216.33749	216.33749	100	0.00%	0.00%	165	141	165	165.03942	Achieved		100
12200	12365	218.72066	216.36616	216.36616	100	0.00%	0.00%	165	141	165	165.06123	Achieved		100
12210	12375	218.4001	216.34203	216.34203	100	0.00%	0.00%	165	141	165	165.07866	Achieved		100
12220	12385	218.05817	216.27621	216.27621	100	0.00%	0.00%	165	141	165	165.08287	Achieved		100
12230	12395	217.72767	216.22268	216.22268	100	0.00%	0.00%	165	141	165	165.07866	Achieved		100
12240	12405	217.46413	216.18741	216.18741	100	0.00%	0.00%	165	141	165	165.07174	Achieved		100
12250	12415	217.24684	216.15654	216.15654	100	0.00%	0.00%	165	141	165	165.05796	Achieved		100
12260	12425	217.04982	216.12335	216.12335	100	0.00%	0.00%	165	141	165	165.03579	Achieved		100
12270	12435	216.88632	216.07191	216.07191	100	0.00%	0.00%	165	141	165	165.0107	Achieved		100
12280	12445	216.7419	215.99813	215.99813	100	0.00%	0.00%	165	141	165	164.98882	Achieved		100
12290	12455	216.60299	215.90518	215.90518	100	0.00%	0.00%	165	141	165	164.96445	Achieved		100
12300	12465	216.51035	215.81831	215.81831	100	0.00%	0.00%	165	141	165	164.92749	Achieved		100
12310	12475	216.4703	215.75769	215.75769	100	0.00%	0.00%	165	141	165	164.86175	Achieved		100
12320	12485	216.45888	215.7191	215.7191	100	0.00%	0.00%	165	141	165	164.75571	Achieved		100
12330	12495	216.49404	215.73201	215.73201	100	0.00%	0.00%	165	141	165	164.58903	Achieved		100
12340	12505	216.54943	215.6858	215.6858	100	0.00%	0.00%	165	141	165	164.39269	Achieved		100
12350	12515	216.60821	215.58742	215.58742	100	0.00%	0.00%	165	141	165	164.03999	Achieved		100
12360	12525	216.65571	215.46582	215.46582	100	0.00%	0.00%	165	141	165	163.5334	Achieved		100
12370	12535	216.66077	215.39619	215.39619	100	0.00%	0.00%	165	141	165	163.00699	Achieved		100
12380	12545	216.61046	215.27463	215.27463	100	0.00%	0.00%	165	141	165	162.29246	Achieved		100
12390	12555	216.54665	215.16986	215.16986	100	0.00%	0.00%	165	141	165	161.48304	Achieved		100
12400	12565	216.50484	215.09946	215.09946	100	0.00%	0.00%	165	141	165	160.66391	Achieved		100
12410	12575	216.46932	215.02856	215.02856	100	0.00%	0.00%	165	141	165	159.91543	Achieved		100
12420	12585	216.44515	214.91579	214.91579	100	0.00%	0.00%	165	141	165	159.29666	Achieved		100
12430	12595	216.40284	214.83809	214.83809	100	0.00%	0.00%	165	141	165	158.83496	Achieved		100
12440	12605	216.33697	214.8541	214.8541	100	0.00%	0.00%	165	141	165	158.55367	Achieved		100
12450	12615	216.25467	214.91862	214.91862	100	0.00%	0.00%	165	141	165	158.4846	Achieved		100
12460	12625	216.16028	215.00618	215.00618	100	0.00%	0.00%	165	141	165	158.63442	Achieved		100
12470	12635	216.0859	215.155	215.155	100	0.00%	0.00%	165	141	165	159.05452	Achieved		100
12480	12645	216.03411	215.32575	215.32575	100	0.00%	0.00%	165	141	165	159.62722	Achieved		100
12490	12655	216.02779	215.44166	215.44166	100	0.00%	0.00%	165	141	165	160.2986	Achieved		100
12500	12665	216.01248	215.50965	215.50965	100	0.00%	0.00%	165	141	165	160.99718	Achieved		100
12510	12675	215.94107	215.54637	215.54637	100	0.00%	0.00%	165	141	165	161.62366	Achieved		100
12520	12685	215.8304	215.55586	215.55586	100	0.00%	0.00%	165	141	165	162.22754	Achieved		100
12530	12695	215.7305	215.539	215.539	100	0.00%	0.00%	165	141	165	162.74684	Achieved		100
12540	12705	215.63674	215.47607	215.47607	100	0.00%	0.00%	165	141	165	163.23687	Achieved		100
12550	12715	215.51977	215.36801	215.36801	100	0.00%	0.00%	165	141	165	163.61194	Achieved		100
12560	12725	215.43276	215.20546	215.20546	100	0.00%	0.00%	165	141	165	163.88609	Achieved		100
12570	12735	215.37011	214.99666	214.99666	100	0.00%	0.00%	165	141	165	164.08999	Achieved		100
12580	12745	215.27352	214.77981	214.77981	100	0.00%	0.00%	165	141	165	164.26433	Achieved		100
12590	12755	215.16698	214.58067	214.58067	100	0.00%	0.00%	165	141	165	164.41054	Achieved		100
12600	12765	215.13514	214.37035	214.37035	100	0.00%	0.00%	165	141	165	164.5273	Achieved		100
12610	12775	215.18112	214.17352	214.17352	100	0.00%	0.00%	165	141	165	164.62373	Achieved		100
12620	12785	215.26348	213.97893	213.97893	100	0.00%	0.00%	165	141	165	164.70203	Achieved		100
12630	12795	215.36848	213.80754	213.80754	100	0.00%	0.00%	165	141	165	164.76537	Achieved		100
12640	12805	215.54437	213.62655	213.62655	100	0.00%	0.00%	165	141	165	164.82372	Achieved		100
12650	12815	215.69135	213.43666	213.43666	100	0.00%	0.00%	165	141	165	164.8743	Achieved		100
12660	12825	215.77925	213.27735	213.27735	100	0.00%	0.00%	165	141	165	164.91237	Achieved		100
12670	12835	215.83214	213.13912	213.13912	100	0.00%	0.00%	165	141	165	164.94282	Achieved		100
12680	12845	215.85369	213.00917	213.00917	100	0.00%	0.00%	165	141	165	164.96745	Achieved		100
12690	12855	215.85241	212.8728	212.8728	100	0.00%	0.00%	165	141	165	164.98383	Achieved		100
12700	12865	215.81284	212.72864	212.72864	100	0.00%	0.00%	165	141	165	164.99474	Achieved		100
12710	12875	215.72863	212.59399	212.59399	100	0.00%	0.00%	165	141	165	164.99586	Achieved		100
12720	12885	215.5922	212.46018	212.46018	100	0.00%	0.00%	165	141	165	164.99864	Achieved		100
12730	12895	215.40736	212.34043	212.34043	100	0.00%	0.00%	165	141	165	165.00496	Achieved		100
12740	12905	215.18551	212.20668	212.20668	100	0.00%	0.00%	165	141	165	165.00877	Achieved		100
12750	12915	214.98015	212.04702	212.04702	100	0.00%	0.00%	165	141	165	165.008	Achieved		100
12760	12925	214.77306	211.90152	211.90152	100	0.00%	0.00%	165	141	165	165.01292	Achieved		100
12770	12935	214.57364	211.78699	211.78699	100	0.00%	0.00%	165	141	165	165.02786	Achieved		100
12780	12945	214.37313	211.65797	211.65797	100	0.00%	0.00%	165	141	165	165.04919	Achieved		100
12790	12955	214.19381	211.51514	211.51514	100	0.00%	0.00%	165	141	165	165.06513	Achieved		100
12800	12965	214.01895	211.35582	211.35582	100	0.00%	0.00%	165	141	165	165.07103	Achieved		100
12810	12975	213.83177	211.17416	211.17416	100	0.00%	0.00%	165	141	165	165.07037	Achieved		100
12820	12985	213.65253	210.9642	210.9642	100	0.00%	0.00%	165	141	165	165.06595	Achieved		100
12830	12995	213.5072	210.74515	210.74515	100	0.00%	0.00%	165	141	165	165.06107	Achieved		100
12840	13005	213.37182	210.55659	210.55659	100	0.00%	0.00%	165	141	165	165.05552	Achieved		100
12850	13015	213.24438	210.34467	210.34467	100	0.00%	0.00%	165	141	165	165.04801	Achieved		100
12860	13025	213.09922	210.11395	210.11395	100	0.00%	0.00%	165	141	165	165.03758	Achieved		100
12870	13035	212.96139	209.89398	209.89398	100	0.00%	0.00%	165	141	165	165.02442	Achieved		100
12880	13045	212.82625	209.70951	209.70951	100	0.00%	0.00%	165	141	165	165.01106	Achieved		100
12890	13055	212.70125	209.52599	209.52599	100	0.00%	0.00%	165	141	165	164.99414	Achieved		100
12900	13065	212.57997	209.31802	209.31802	100	0.00%	0.00%	165	141	165	164.96946	Achieved		100
12910	13075	212.4257	209.0994	209.0994	100	0.00%	0.00%	165	141	165	164.93949	Achieved		100
12920	13085	212.27257	208.87094	208.87094	100	0.00%	0.00%	165	141	165	164.91193	Achieved		100
12930	13095	212.14555	208.62613	208.62613	100	0.00%	0.00%	165	141	165	164.89111	Achieved		100
12940	13105	212.02535	208.36756	208.36756	100	0.00%	0.00%	165	141	165	164.87019	Achieved		100
12950	13115	211.88667	208.10021	208.10021	100	0.00%	0.00%	165	141	165	164.85693	Achieved		100
12960	13125	211.73924	207.83854	207.83854	100	0.00%	0.00%	165	141	165	164.86242	Achieved		100
12970	13135	211.56631	207.57279	207.57279	100	0.00%	0.00%	165	141	165	164.87245	Achieved		100
12980	13145	211.37394	207.31779	207.31779	100	0.00%	0.00%	165	141	165	164.88408	Achieved		100
12990	13155	211.15031	207.08429	207.08429	100	0.00%	0.00%	165	141	165	164.91552	Achieved		100
13000	13165	210.95141	206.88095	206.88095	100	0.00%	0.00%	165	141	165	164.9622	Achieved		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)
13010	13175	210.75678	206.71019	206.71019	100	0.00%	0.00%	165	141	165	164.999	Achieved		100
13020	13185	210.52807	206.55394	206.55394	100	0.00%	0.00%	165	141	165	165.01076	Achieved		100
13030	13195	210.30297	206.41598	206.41598	100	0.00%	0.00%	165	141	165	165.00201	Achieved		100
13040	13205	210.09974	206.28874	206.28874	100	0.00%	0.00%	165	141	165	164.96856	Achieved		100
13050	13215	209.91699	206.14321	206.14321	100	0.00%	0.00%	165	141	165	164.87592	Achieved		100
13060	13225	209.72642	206.02393	206.02393	100	0.00%	0.00%	165	141	165	164.66979	Achieved		100
13070	13235	209.5077	205.93324	205.93324	100	0.00%	0.00%	165	141	165	164.34359	Achieved		100
13080	13245	209.28412	205.92148	205.92148	100	0.00%	0.00%	165	141	165	163.89956	Achieved		100
13090	13255	209.05276	205.97263	205.97263	100	0.00%	0.00%	165	141	165	163.33153	Achieved		100
13100	13265	208.79819	206.05226	206.05226	100	0.00%	0.00%	165	141	165	162.63784	Achieved		100
13110	13275	208.53492	206.13159	206.13159	100	0.00%	0.00%	165	141	165	161.7936	Achieved		100
13120	13285	208.26783	206.15242	206.15242	100	0.00%	0.00%	165	141	165	160.80145	Achieved		100
13130	13295	208.0052	206.12953	206.12953	100	0.00%	0.00%	165	141	165	159.75074	Achieved		100
13140	13305	207.74169	206.10478	206.10478	100	0.00%	0.00%	165	141	165	158.81747	Achieved		100
13150	13315	207.50215	206.0639	206.0639	100	0.00%	0.00%	165	141	165	158.05629	Achieved		100
13160	13325	207.27814	206.03461	206.03461	100	0.00%	0.00%	165	141	165	157.43668	Achieved		100
13170	13335	207.08815	206.0103	206.0103	100	0.00%	0.00%	165	141	165	157.04599	Achieved		100
13180	13345	206.93104	206.02897	206.02897	100	0.00%	0.00%	165	141	165	156.98852	Achieved		100
13190	13355	206.78101	206.06378	206.06378	100	0.00%	0.00%	165	141	165	157.25499	Achieved		100
13200	13365	206.65545	206.08063	206.08063	100	0.00%	0.00%	165	141	165	157.81516	Achieved		100
13210	13375	206.51837	206.1005	206.1005	100	0.00%	0.00%	165	141	165	158.6353	Achieved		100
13220	13385	206.37814	206.13408	206.13408	100	0.00%	0.00%	165	141	165	159.6197	Achieved		100
13230	13395	206.27245	206.17007	206.17007	100	0.00%	0.00%	165	141	165	160.63279	Achieved		100
13240	13405	206.2147	206.23789	206.23789	100	0.00%	0.00%	165	141	165	161.59802	Achieved		100
13250	13415	206.24408	206.33185	206.33185	100	0.00%	0.00%	165	141	165	162.4657	Achieved		100

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

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 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	1075	186.04342	185.05645	185.05645	100	0.00%	0.00%	165	141	165	165	Achieved		100
920	1085	186.04631	185.19332	185.19332	100	0.00%	0.00%	165	141	165	165	Achieved		100
930	1095	186.05765	185.39936	185.39936	100	0.00%	0.00%	165	141	165	165	Achieved		100
940	1105	186.09079	185.67389	185.67389	100	0.00%	0.00%	165	141	165	165	Achieved		100
950	1115	186.13364	185.9866	185.9866	100	0.00%	0.00%	165	141	165	165.00243	Achieved		100
960	1125	186.14913	186.37459	186.37459	100	0.00%	0.00%	165	141	165	165.0093	Achieved		100
970	1135	186.17505	186.79761	186.79761	100	0.00%	0.00%	165	141	165	165.00913	Achieved		100
980	1145	186.20214	187.17694	187.17694	100	0.00%	0.00%	165	141	165	165.00899	Achieved		100
990	1155	186.1812	187.43912	187.43912	100	0.00%	0.00%	165	141	165	165.00887	Achieved		100
1000	1165	186.12396	187.60103	187.60103	100	0.00%	0.00%	165	141	165	165.00877	Achieved		100
1010	1175	186.02886	187.69132	187.69132	100	0.00%	0.00%	165	141	165	165.0087	Achieved		100
1020	1185	185.92833	187.76012	187.76012	100	0.00%	0.00%	165	141	165	165.00865	Achieved		100
1030	1195	185.85214	187.82975	187.82975	100	0.00%	0.00%	165	141	165	165.00862	Achieved		100
1040	1204	185.83587	187.8987	187.8987	100	0.00%	0.00%	165	141	164	164.00863	Relaxed	Vertical alignment	100
1050	1196	185.85319	187.8372	187.8372	100	0.00%	0.00%	165	141	146	146.00872	Relaxed	Vertical alignment	100
1060	1190	185.866	187.79459	187.79459	100	0.00%	0.00%	165	141	130	130.0088	Not Achieved	Vertical alignment	90
1070	1186	185.90868	187.76731	187.76731	100	0.00%	0.00%	165	141	116	116.00888	Not Achieved	Vertical alignment	80
1080	1186	186.01954	187.76731	187.76731	100	0.00%	0.00%	165	141	106	106.00895	Not Achieved	Vertical alignment	80
1090	1186	186.18631	187.76731	187.76731	100	0.00%	0.00%	165	141	96	96.00904	Not Achieved	Vertical alignment	70
1100	1190	186.42922	187.79459	187.79459	100	0.00%	0.00%	165	141	90	90.00915	Not Achieved	Vertical alignment	70
1110	1208	186.72518	187.93354	187.93354	100	0.00%	0.00%	165	141	98	98.00928	Not Achieved	Vertical alignment	70
1120	1285	187.07327	189.20507	189.20507	100	0.00%	0.00%	165	141	165	164.99449	Achieved		100
1130	1295	187.48624	189.4405	189.4405	100	0.00%	0.00%	165	141	165	164.99125	Achieved		100
1140	1305	187.90318	189.70303	189.70303	100	0.00%	0.00%	165	141	165	164.99124	Achieved		100
1150	1315	188.22396	189.98417	189.98417	100	0.00%	0.00%	165	141	165	164.9833	Achieved		100
1160	1325	188.42999	190.25111	190.25111	100	0.00%	0.00%	165	141	165	164.9739	Achieved		100
1170	1335	188.55254	190.48577	190.48577	100	0.00%	0.00%	165	141	165	164.97129	Achieved		100
1180	1345	188.6257	190.67435	190.67435	100	0.00%	0.00%	165	141	165	164.96531	Achieved		100
1190	1355	188.69459	190.83869	190.83869	100	0.00%	0.00%	165	141	165	164.95765	Achieved		100
1200	1365	188.7674	190.9481	190.9481	100	0.00%	0.00%	165	141	165	164.94961	Achieved		100
1210	1375	188.85363	190.99586	190.99586	100	0.00%	0.00%	165	141	165	164.9413	Achieved		100
1220	1385	188.95602	190.98687	190.98687	100	0.00%	0.00%	165	141	165	164.93549	Achieved		100
1230	1386	189.10933	190.98302	190.98302	100	0.00%	0.00%	165	141	156	155.93811	Relaxed	Vertical alignment	100
1240	1388	189.27542	190.98076	190.98076	100	0.00%	0.00%	165	141	148	147.9388	Relaxed	Vertical alignment	100
1250	1388	189.4393	190.98076	190.98076	100	0.00%	0.00%	165	141	138	137.93931	Not Achieved	Vertical alignment	90
1260	1390	189.60754	190.97619	190.97619	100	0.00%	0.00%	165	141	130	129.93805	Not Achieved	Vertical alignment	90
1270	1392	189.7873	190.97138	190.97138	100	0.00%	0.00%	165	141	122	121.93695	Not Achieved	Vertical alignment	90
1280	1394	189.99185	190.96402	190.96402	100	0.00%	0.00%	165	141	114	113.93607	Not Achieved	Vertical alignment	80
1290	1398	190.21758	190.94779	190.94779	100	0.00%	0.00%	165	141	108	107.93369	Not Achieved	Vertical alignment	80
1300	1406	190.47017	190.89961	190.89961	100	0.00%	0.00%	165	141	106	105.92822	Not Achieved	Vertical alignment	80
1310	1430	190.73759	190.76846	190.76846	100	0.00%	0.00%	165	141	120	119.90925	Not Achieved	Vertical alignment	90
1320	1485	191.02293	190.64919	190.64919	100	0.00%	0.00%	165	141	165	164.90481	Achieved		100
1330	1495	191.27266	190.63547	190.63547	100	0.00%	0.00%	165	141	165.00002	164.90922	Achieved		100
1340	1505	191.48577	190.6464	190.6464	100	0.00%	0.00%	165	141	165	164.91623	Achieved		100
1350	1515	191.66112	190.65753	190.65753	100	0.00%	0.00%	165	141	165	164.92589	Achieved		100
1360	1525	191.80074	190.64772	190.64772	100	0.00%	0.00%	165	141	165	164.93542	Achieved		100
1370	1535	191.88031	190.63744	190.63744	100	0.00%	0.00%	165	141	165	164.94455	Achieved		100
1380	1545	191.89547	190.66157	190.66157	100	0.00%	0.00%	165	141	165	164.95322	Achieved		100
1390	1555	191.87619	190.71435	190.71435	100	0.00%	0.00%	165	141	165	164.96147	Achieved		100
1400	1565	191.83774	190.81221	190.81221	100	0.00%	0.00%	165	141	165	164.96945	Achieved		100
1410	1575	191.77333	190.93251	190.93251	100	0.00%	0.00%	165	141	165	164.97713	Achieved		100
1420	1585	191.71924	191.07772	191.07772	100	0.00%	0.00%	165	141	165	164.98573	Achieved		100
1430	1595	191.66846	191.25636	191.25636	100	0.00%	0.00%	165	141	165	164.99372	Achieved		100
1440	1605	191.62795	191.45806	191.45806	100	0.00%	0.00%	165	141	165	164.99982	Achieved		100
1450	1615	191.60378	191.62042	191.62042	100	0.00%	0.00%	165	141	165	165.00397	Achieved		100
1460	1625	191.57139	191.75239	191.75239	100	0.00%	0.00%	165	141	165	165.00623	Achieved		100
1470	1635	191.56976	191.86088	191.86088	100	0.00%	0.00%	165	141	165	165.00763	Achieved		100
1480	1645	191.55937	191.96143	191.96143	100	0.00%	0.00%	165	141	165	165.00656	Achieved		100
1490	1655	191.54022	192.07976	192.07976	100	0.00%	0.00%	165	141	165	165.00502	Achieved		100
1500	1665	191.53915	192.22281	192.22281	100	0.00%	0.00%	165	141	165	165.00351	Achieved		100
1510	1675	191.55356	192.39465	192.39465	100	0.00%	0.00%	165	141	165	165.00222	Achieved		100
1520	1685	191.55483	192.59438	192.59438	100	0.00%	0.00%	165	141	165	165.00254	Achieved		100
1530	1695	191.53988	192.84294	192.84294	100	0.00%	0.00%	165	141	165	165.00286	Achieved		100
1540	1705	191.54822	193.1287	193.1287	100	0.00%	0.00%	165	141	165	165.00318	Achieved		100
1550	1715	191.58364	193.43348	193.43348	100	0.00%	0.00%	165	141	165	165.00352	Achieved		100
1560	1725	191.65996	193.7502	193.7502	100	0.00%	0.00%	165	141	165	165.00364	Achieved		100
1570	1735	191.77105	194.07846	194.07846	100	0.00%	0.00%	165	141	165	165.00402	Achieved		100
1580	1745	191.90154	194.44072	194.44072	100	0.00%	0.00%	165	141	165	165.00391	Achieved		100
1590	1755	192.06215	194.85811	194.85811	100	0.00%	0.00%	165	141	165	165.00263	Achieved		100
1600	1765	192.25936	195.32787	195.32787	100	0.00%	0.00%	165	141	165	165.00114	Achieved		100
1610	1775	192.44318	195.82608	195.82608	100	0.00%	0.00%	165	141	165	164.99964	Achieved		100
1620	1785	192.59104	196.33569	196.33569	100	0.00%	0.00%	165	141	165	164.99814	Achieved		100
1630	1795	192.70934	196.82567	196.82567	100	0.00%	0.00%	165	141	165	164.99665	Achieved		100
1640	1805	192.8091	197.24712	197.24712	100	0.00%	0.00%	165	141	165	164.99617	Achieved		100
1650	1815	192.92046	197.56498	197.56498	100	0.00%	0.00%	165	141	165	164.9977	Achieved		100
1660	1825	193.04868	197.7773	197.7773	100	0.00%	0.00%	165	141	165	164.99921	Achieved		100
1670	1832	193.20585	197.88657	197.88657	100	0.00%	0.00%	165	141	162	162.00071	Relaxed	Vertical alignment	100
1680	1832	193.38893	197.88657	197.88657	100	0.00%	0.00%	165	141	152	152.00127	Relaxed	Vertical alignment	100
1690	1830	193.61346	197.85684	197.85684	100	0.00%	0.00%	165	141	140	140.00127	Not Achieved	Vertical alignment	90
1700	1830	193.88238	197.85684	197.85684	100	0.00%	0.00%	165	141	130	130.00127	Not Achieved	Vertical alignment	90
1710	1830	194.17908	197.85684	197.85684	100	0.00%	0.00%	165	141	120	120.00127	Not Achieved	Vertical alignment	90
1720	1830	194.49072	197.85684	197.85684	100	0.00%	0.00%	165	141	110	110.00128	Not Achieved	Vertical alignment	80
1730	1830	194.8122	197.85684	197.85684	100	0.00%	0.00%	165	141	100	100.00128	Not Achieved	Vertical alignment	80
1740	1832	195.1542	197.88657	197.88657	100	0.00%	0.00%	165	141	92	92.00057	Not Achieved	Vertical alignment	70
1750	1834	195.53959	197.91128	197.91128	100	0.00%	0.00%	165	141	84	84	Not Achieved	Vertical alignment	70
1760	1838	195.98664	197.95704	197.95704	100	0.00%	0.00%	165	141	78	78	Not Achieved	Vertical alignment	60
1770	1844	196.47763	197.99259	197.99259	100	0.00%	0.00%	165	141	74	74	Not Achieved	Vertical alignment	60
1780	1854	196.97943	198.01161	198.01161	100	0.00%	0.00%	165	141	74	74	Not Achieved	Vertical alignment	60
1790	1898	197.48555	198.11108	198.11108	100	0.00%	0.00%	165	141	108	108	Not Achieved	Vertical alignment	80
1800	1946	197.94611	197.92598	197.92598	100	0.00%	0.00%	165	141	146	146	Relaxed	Vertical alignment	100
1810	1954	198.32104	197.82023	197.82023	100	0.00%	0.00%	165	141	144	143.99924	Relaxed	Vertical alignment	100
1820	1962	198.58026	197.70696	197.70696	100	0.00%	0.00%	165	141	142	141.99684	Relaxed	Vertical alignment	100
1830	1966	198.75684	197.61873	197.61873	100	0.00%	0.00%	165	141	136	135.99562	Not Achieved	Vertical alignment	90
1840	1970	198.87193	197.50033	197.50033	100	0.00%	0.00%	165	141	130	129.99441	Not Achieved	Vertical alignment	90
1850	1972	198.91139	197.44077	197.44077	100	0.00%	0.00%	165	141	122	121.99379	Not Achieved	Vertical alignment	90
1860	1974	198.90525	197.37958	197.37958	100	0.00%	0.00%	165	141	114	113.99318	Not Achieved	Vertical alignment	80
1870	1976	198.92772	197.31619	197.31619	100	0.00%	0.00%	165	141	106	105.99256	Not Achieved	Vertical alignment	80
1880	1978	198.97271	197.24502	197.24502	100	0.00%	0.00%	165	141	98	97.99194	Not Achieved	Vertical alignment	70
1890	1982	199.00735	197.09381	197.09381	100	0.00%	0.00%	165	141	92	91.9907	Not Achieved	Vertical alignment	70
1900	1984	199.01154	197.01169	197.01169	100	0.00%	0.00%	165	141	84	83.99008	Not Achieved	Vertical alignment	70
1910	1990	199.01183	196.74691	196.74691	100	0.00%	0.00%	165	141	80	79.98938	Not Achieved	Vertical alignment	60
1920	1996	199.01916	196.46448	196.46448	100	0.00%	0.00%	165	141	76	75.98934	Not Achieved	Vertical alignment	60
1930	2008	198.99434	195.85091	195.85091	100	0.00%	0.00%	165	141	78	77.99224	Not Achieved	Vertical alignment	60
1940	2032	198.90402	194.5811	194.5811	100	0.00%	0.00%	165	141	92	92.02979	Not Achieved	Vertical alignment	70
1950	2115	198.77363	190.42714	190.42714	100	0.00%	0.00%	165	141	165	165.04274	Achieved		100
1960	2125	198.63811	189.97471	189.97471	100	0.00%	0.00%	165	141	165	165.02962	Achieved		100
1970	2135	198.40033	189.61161	189.61161	100	0.00%	0.00%	165	141	165	165.01382	Achieved		100
1980	2145	198.06953	189.34232	189.34232	100	0.00%	0.00%	165	141	165	165.00912	Achieved		100
1990	2155	197.64691	189.12888	189.12888	100	0.00%	0.00%	165	141	165	165.01476	Achieved		100
2000	2165	197.16565	188.95287	188.95287	100	0.00%	0.00%	165	141	165	165.02934	Achieved		100
2010	2175	196.64411	188.79463	188.79463	100	0.00%	0.00%	165	141	165	165.0458	Achieved		100
2020	2185	196.10404	188.62912	188.62912	100	0.00%	0.00%	165	141	165	165.04436	Achieved		100
2030	2195	195.58399	188.44619	188.44619	100	0.00%	0.00%	165	141	165	165.05365	Achieved		100
2040	2205	195.07882	188.18577	188.18577	100	0.00%	0.00%	165	141	165	165.06524	Achieved		100
2050	2215	194.58382	187.83766	187.83766	100	0.00%	0.00%	165	141	165	165.06898	Achieved		100
2060	2225	194.10153	187.41782	187.41782	100	0.00%	0.00%	165	141	165	165.07195	Achieved		100
2070	2235	193.62264	186.93718	186.93718	100	0.00%	0.00%	165	141	165	165.07575	Achieved		100
2080	2245	193.13931	186.42584	186.42584	100	0.00%	0.00%	165	141	165	165.07556	Achieved		100
2090	2244	192.64144	186.47918	186.47918	100	0.00%	0.00%	165	141	154	154.06496	Relaxed	Vertical alignment	100
2100	2240	192.10767	186.68773	186.68773	100	0.00%	0.00%	165	141	140	140.04906	Not Achieved	Vertical alignment	90
2110	2238	191.5763	186.7885	186.7885	100	0.00%	0.00%	165	141	128	128.03204	Not Achieved	Vertical alignment	90
2120	2236	191.09139	186.88839	186.88839	100	0.00%	0.00%	165	141	116	116.01357	Not Achieved	Vertical alignment	80
2130	2234	190.6864	186.98596	186.98596	100	0.00%	0.00%	165	141	104	104.00928	Not Achieved	Vertical alignment	80
2140	2236	190.36168	186.88839	186.88839	100	0.00%	0.00%	165	141	96	96.01074	Not Achieved	Vertical alignment	70
2150	2240	190.13207	186.68773	186.68773	100	0.00%	0.00%	165	141	90	90.01363	Not Achieved	Vertical alignment	70
2160	2246	189.93313	186.37218	186.37218	100	0.00%	0.00%	165	141	86	86.01787	Not Achieved	Vertical alignment	70

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)
2170	2266	189.77213	185.32502	185.32502	100	0.00%	0.00%	165	141	96	96.01752	Not Achieved	Vertical alignment	70
2180	2345	189 61495	181.09747	181.09747	100	0.00%	0.00%	165	141	165	165.03812	Achieved		100
2190	2355	189.44468	180.44794	180.44794	100	0.00%	0.00%	165	141	165	164.82738	Achieved		100
2200	2365	189 22748	179.80388	179.80388	100	0.00%	0.00%	165	141	165	164.47601	Achieved		100
2210	2375	188.92117	179.24823	179.24823	100	0.00%	0.00%	165	141	165	164.11089	Achieved		100
2220	2385	188.53991	178.76125	178.76125	100	0.00%	0.00%	165	141	165	163.7457	Achieved		100
2230	2395	188 07966	178.26064	178.26064	100	0.00%	0.00%	165	141	165	163.38544	Achieved		100
2240	2405	187.58773	177.80537	177.80537	100	0.00%	0.00%	165	141	165	163.03479	Achieved		100
2250	2415	187.0598	177.39386	177.39386	100	0.00%	0.00%	165	141	165	162.79267	Achieved		100
2260	2425	186.53791	177.03115	177.03115	100	0.00%	0.00%	165	141	165	162.62696	Achieved		100
2270	2435	186 01923	176.65681	176.65681	100	0.00%	0.00%	165	141	165	162.47918	Achieved		100
2280	2445	185.52159	176.26998	176.26998	100	0.00%	0.00%	165	141	165	162.34967	Achieved		100
2290	2455	185 03308	175.86155	175.86155	100	0.00%	0.00%	165	141	165	162.25622	Achieved		100
2300	2465	184.55336	175.42699	175.42699	100	0.00%	0.00%	165	141	165	162.16249	Achieved		100
2310	2470	184 05888	175.21855	175.21855	100	0.00%	0.00%	165	141	160	157.48107	Relaxed	Inside corner	100
2320	2474	183.51161	175.05002	175.05002	100	0.00%	0.00%	165	141	154	151.90739	Relaxed	Inside corner	100
2330	2478	182.91757	174.87937	174.87937	100	0.00%	0.00%	165	141	148	146.32424	Relaxed	Inside corner	100
2340	2484	182.31523	174.62573	174.62573	100	0.00%	0.00%	165	141	144	142.61495	Relaxed	Inside corner	100
2350	2492	181 67881	174.28665	174.28665	100	0.00%	0.00%	165	141	142	140.7047	Relaxed	Inside corner	100
2360	2498	181 01616	174.03394	174.03394	100	0.00%	0.00%	165	141	138	136.82632	Not Achieved	Inside corner	90
2370	2512	180.41468	173.46625	173.46625	100	0.00%	0.00%	165	141	142	140.84417	Relaxed	Inside corner	100
2380	2545	179.90564	172.40891	172.40891	100	0.00%	0.00%	165	141	165	163.77695	Achieved		100
2390	2555	179.40743	172.16964	172.16964	100	0.00%	0.00%	165	141	165	164.05333	Achieved		100
2400	2565	178.93044	171.96272	171.96272	100	0.00%	0.00%	165	141	165	164.33437	Achieved		100
2410	2575	178.48844	171.76905	171.76905	100	0.00%	0.00%	165	141	165	164.60056	Achieved		100
2420	2585	178.11213	171.53633	171.53633	100	0.00%	0.00%	165	141	165	164.80378	Achieved		100
2430	2595	177.74866	171.28791	171.28791	100	0.00%	0.00%	165	141	165	164.8239	Achieved		100
2440	2605	177.362	171.0758	171.0758	100	0.00%	0.00%	165	141	165	164.60173	Achieved		100
2450	2615	176.97128	170.84322	170.84322	100	0.00%	0.00%	165	141	165	164.08164	Achieved		100
2460	2625	176.5445	170.62242	170.62242	100	0.00%	0.00%	165	141	165	163.23708	Achieved		100
2470	2635	176.11855	170.46236	170.46236	100	0.00%	0.00%	165	141	165	162.13732	Achieved		100
2480	2645	175 69474	170.34349	170.34349	100	0.00%	0.00%	165	141	165	160.76804	Achieved		100
2490	2655	175 27154	170.23084	170.23084	100	0.00%	0.00%	165	141	164.99999	159.12503	Achieved		100
2500	2665	174 85052	170.14929	170.14929	100	0.00%	0.00%	165	141	165	157.36763	Achieved		100
2510	2675	174.44469	170.14181	170.14181	100	0.00%	0.00%	165	141	165	155.73463	Achieved		100
2520	2682	174 06117	170.12502	170.12502	100	0.00%	0.00%	165	141	162	151.95486	Relaxed	BRIDGE	
2530	2682	173.72345	170.12502	170.12502	100	0.00%	0.00%	165	141	152	142.49367	Relaxed	BRIDGE	
2540	2682	173.43823	170.12502	170.12502	100	0.00%	0.00%	165	141	142	133.11129	Relaxed	BRIDGE	
2550	2682	173.18499	170.12502	170.12502	100	0.00%	0.00%	165	141	132	123.82562	Not Achieved	BRIDGE	
2560	2682	172.96452	170.12502	170.12502	100	0.00%	0.00%	165	141	122	114.66016	Not Achieved	BRIDGE	
2570	2682	172.76036	170.12502	170.12502	100	0.00%	0.00%	165	141	112	105.64667	Not Achieved	BRIDGE	
2580	2682	172.56614	170.12502	170.12502	100	0.00%	0.00%	165	141	102	96.75122	Not Achieved	BRIDGE	
2590	2682	172.30481	170.12502	170.12502	100	0.00%	0.00%	165	141	92	87.88006	Not Achieved	BRIDGE	
2600	2682	172 08473	170.12502	170.12502	100	0.00%	0.00%	165	141	82	78.93587	Not Achieved	BRIDGE	
2610	2682	171.8598	170.12502	170.12502	100	0.00%	0.00%	165	141	72	69.82725	Not Achieved	BRIDGE	
2620	2682	171.6296	170.12502	170.12502	100	0.00%	0.00%	165	141	62	60.5232	Not Achieved	BRIDGE	
2630	2682	171.4332	170.12502	170.12502	100	0.00%	0.00%	165	141	52	51.04936	Not Achieved	BRIDGE	
2640	2682	171 29969	170.12502	170.12502	100	0.00%	0.00%	165	141	42	41.43347	Not Achieved	BRIDGE	
2650	2682	171.18909	170.12502	170.12502	100	0.00%	0.00%	165	141	32	31.70488	Not Achieved	BRIDGE	
2660	2682	171 07915	170.12502	170.12502	100	0.00%	0.00%	165	141	22	21.87943	Not Achieved	BRIDGE	
2670	2682	171 04328	170.12502	170.12502	100	0.00%	0.00%	165	141	12	11.96987	Not Achieved	BRIDGE	
2680	2682	171 03109	170.12502	170.12502	100	0.00%	0.00%	165	141	2	1.99995	Not Achieved	BRIDGE	
2690	2748	166.71475	170.16122	170.16122	100	0.00%	0.00%	165	141	58	58.09064	Not Achieved	BRIDGE	
2730	2744	166.52838	168.44395	168.44395	100	0.00%	0.00%	165	141	14	14.05056	Not Achieved	BRIDGE	
2740	2744	166.9218	168.44395	168.44395	100	0.00%	0.00%	165	141	4	4.04451	Not Achieved	BRIDGE	
2750	2915	171 06634	174.35193	174.35193	100	0.00%	0.00%	165	141	165	148.2399	Achieved		100
2760	2925	171.045	175.29638	175.29638	100	0.00%	0.00%	165	141	165	149.71256	Achieved		100
2770	2935	170.97336	176.29123	176.29123	100	0.00%	0.00%	165	141	165	151.44497	Achieved		100
2780	2945	170.8805	177.28929	177.28929	100	0.00%	0.00%	165	141	165	153.41454	Achieved		100
2790	2955	170.79972	178.28018	178.28018	100	0.00%	0.00%	165	141	165	155.61136	Achieved		100
2800	2965	170.72553	179.28539	179.28539	100	0.00%	0.00%	165	141	165	157.75365	Achieved		100
2810	2975	170 64228	180.34495	180.34495	100	0.00%	0.00%	165	141	165	159.70207	Achieved		100
2820	2985	170.57791	181.43778	181.43778	100	0.00%	0.00%	165	141	165	161.25574	Achieved		100
2830	2995	170.56635	182.48891	182.48891	100	0.00%	0.00%	165	141	165	162.39791	Achieved		100
2840	3005	170 67504	183.52103	183.52103	100	0.00%	0.00%	165	141	165	163.19149	Achieved		100
2850	3015	170.91731	184.51816	184.51816	100	0.00%	0.00%	165	141	165	163.6303	Achieved		100
2860	3025	171.2978	185.50342	185.50342	100	0.00%	0.00%	165	141	165	163 836	Achieved		100
2870	3035	171.78359	186.45611	186.45611	100	0.00%	0.00%	165	141	165	163.82674	Achieved		100
2880	3045	172.39095	187.39295	187.39295	100	0.00%	0.00%	165	141	165	163.63809	Achieved		100
2890	3055	173.10476	188.38269	188.38269	100	0.00%	0.00%	165	141	165	163.61672	Achieved		100
2900	3065	173.94664	189.3312	189.3312	100	0.00%	0.00%	165	141	165	163.63212	Achieved		100
2910	3075	174 81216	190.22434	190.22434	100	0.00%	0.00%	165	141	165	163.74249	Achieved		100
2920	3085	175.70346	191.08246	191.08246	100	0.00%	0.00%	165	141	165	163.90833	Achieved		100
2930	3092	176 69443	191.68336	191.68336	100	0.00%	0.00%	165	141	162	161.09285	Relaxed	Vertical alignment	100
2940	3094	177 68907	191.84491	191.84491	100	0.00%	0.00%	165	141	154	153.31372	Relaxed	Vertical alignment	100
2950	3096	178 68693	192.00553	192.00553	100	0.00%	0.00%	165	141	146	145.51165	Relaxed	Vertical alignment	100
2960	3098	179 67713	192.15979	192.15979	100	0.00%	0.00%	165	141	138	137.74679	Not Achieved	Vertical alignment	90
2970	3100	180.70069	192.30397	192.30397	100	0.00%	0.00%	165	141	130	129.87213	Not Achieved	Vertical alignment	90
2980	3102	181 81199	192.44815	192.44815	100	0.00%	0.00%	165	141	122	121.95367	Not Achieved	Vertical alignment	90
2990	3104	182 85847	192.57068	192.57068	100	0.00%	0.00%	165	141	114	114.05458	Not Achieved	Vertical alignment	80
3000	3106	183.91242	192.69158	192.69158	100	0.00%	0.00%	165	141	106	106.09659	Not Achieved	Vertical alignment	80
3010	3108	184.92035	192.80317	192.80317	100	0.00%	0.00%	165	141	98	98.10364	Not Achieved	Vertical alignment	70
3020	3110	185.91119	192.90289	192.90289	100	0.00%	0.00%	165	141	90	90.09717	Not Achieved	Vertical alignment	70
3030	3110	186.8868	192.90289	192.90289	100	0.00%	0.00%	165	141	80	80.08184	Not Achieved	Vertical alignment	60
3040	3112	187 81836	193.00233	193.00233	100	0.00%	0.00%	165	141	72	72.05263	Not Achieved	Vertical alignment	60
3050	3114	188.78691	193.07872	193.07872	100	0.00%	0.00%	165	141	64	64.01563	Not Achieved	Vertical alignment	60
3060	3118	189.76786	193.22454	193.22454	100	0.00%	0.00%	165	141	58	57.9791	Not Achieved	Vertical alignment	50
3070	3124	190 68211	193.41115	193.41115	100	0.00%	0.00%	165	141	54	53.9618	Not Achieved	Vertical alignment	50
3080	3136	191.55465	193.73636	193.73636	100	0.00%	0.00%	165	141	56	55.91217	Not Achieved	Vertical alignment	50
3090	3170	192.41215	194.32013	194.32013	100	0.00%	0.00%	165	141	80	79.77707	Not Achieved	Vertical alignment	60
3100	3265	193 20397	194.82303	194.82303	100	0.00%	0.00%	165	141	165	164.06977	Achieved		100
3110	3275	193 80289	194.82939	194.82939	100	0.00%	0.00%	165	141	165	164.14066	Achieved		100
3120	3285	194.18716	194.81549	194.81549	100	0.00%	0.00%	165	141	165	164.23841	Achieved		100
3130	3295	194.48126	194.78369	194.78369	100	0.00%	0.00%	165	141	165	164.35754	Achieved		100
3140	3305	194.72158	194.76809	194.76809	100	0.00%	0.00%	165	141	165	164.46735	Achieved		100
3150	3315	194.9063	194.74301	194.74301	100	0.00%	0.00%	165	141	165	164.54734	Achieved		100
3160	3325	195 07693	194.72794	194.72794	100	0.00%	0.00%	165	141	165	164.64465	Achieved		100
3170	3335	195 22013	194.73283	194.73283	100	0.00%	0.00%	165	141	165	164.74274	Achieved		100
3180	3345	195.33343	194.74505	194.74505	100	0.00%	0.00%	165	141	165	164.82286	Achieved		100
3190	3355	195.43544	194.76604	194.76604	100	0.00%	0.00%	165	141	165	164.88689	Achieved		100
3200	3365	195.48097	194.76997	194.76997	100	0.00%	0.00%	165	141	165	164.93801	Achieved		100
3210	3375	195.54563	194.76374	194.76374	100	0.00%	0.00%	165	141	165	164.98062	Achieved		100
3220	3385	195.59754	194.76694	194.76694	100	0.00%	0.00%	165	141	165	164.99703	Achieved		100
3230	3395	195 64489	194.77478	194.77478	100	0.00%	0.00%	165	141	165	164.99354	Achieved		100
3240	3405	195 68506	194.79291	194.79291	100	0.00%	0.00%	165	141	165	164.99412	Achieved		100
3250	3415	195.71243	194.82442	194.82442	100	0.00%	0.00%	165	141	165	164.99418	Achieved		100
3260	3425	195.71982	194.86443	194.86443	100	0.00%	0.00%	165	141	165	164.99424	Achieved		100
3270	3435	195.72838	194.89915	194.89915	100	0.00%	0.00%	165	141	165	165.00093	Achieved		100
3280	3445	195.72527	194.93519	194.93519	100	0.00%	0.00%	165	141	165	165.00243	Achieved		100
3290	3455	195.70211	194.95733	194.95733	100	0.00%	0.00%	165	141	165	165.00366	Achieved		100
3300	3465	195 67312	194.9556	194.9556	100	0.00%	0.00%	165	141	165	165.00363	Achieved		100
3310	3475	195 65823	194.9512	194.9512	100	0.00%	0.00%	165	141	165	165.00361	Achieved		100
3320	3485	195 63222	194.94715	194.94715	100	0.00%	0.00%	165	141	165	165.0036	Achieved		100
3330	3495	195 62684	194.95128	194.95128	100	0.00%	0.00%	165	141	165	165.00358	Achieved		100
3340	3505	195 63814	194.95717	194.95717	100	0.00%	0.00%	165	141	165	165.00358	Achieved		100
3350	3515	195 65513	194.97637	194.97637	100	0.00%	0.00%	165	141	165	165.00357	Achieved		100
3360	3525	195 67125	194.99863	194.99863	100	0.00%	0.00%	165	141	165	165.00357	Achieved		100
3370	3535	195 66651	195.02503	195.02503	100	0.00%	0.00%	165	141	165	165.00357	Achieved		100
3380	3545	195 66498	195.05317	195.05317	100	0.00%	0.00%	165	141	165	165.00358	Achieved		100
3390	3555	195 66968	195.11011	195.11011	100	0.00%	0.00%	165	141	165	165.00359	Achieved		100
3400	3565	195 68021	195.17831	195.17831	100	0.00%	0.00%	165	141	165	165.0036	Achieved		100
3410	3575	195.70923	195.27729	195.27729	100	0.00%	0.00%	165	141	165	165.00362	Achieved		100
3420	3585	195.742	195.38445	195.38445	100	0.00%	0.00%	165	141	165	165.00364	Achieved		100
3430	3595	195.7836	195.49578	195.49578	100	0.00%	0.00%	165	141	165	165.00348	Achieved		100
3440	3605	195 81463	195.59878	195.59878	100	0.00%	0.00%	165	141	165	165.00199	Achieved		100
3450	3615	195 85046	195.67751	195.67751	100	0.00%	0.00%	165	141	165	165.0003	Achieved		100