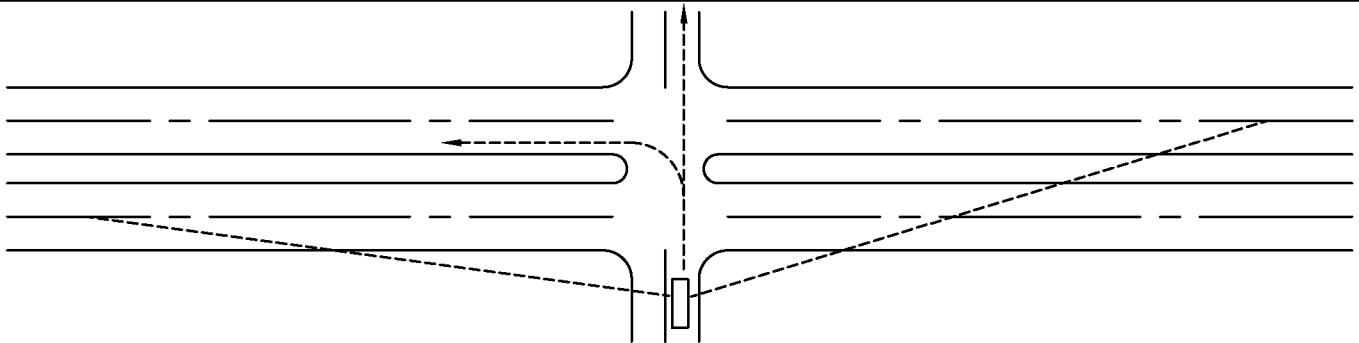




Height of Eye – 1.80 m above approach surface – Crests
 – 2.45 m above approach surface – Overhead Obstructions

Height of Object – 0.60 m above highway surface – Crests
 – 1.05 m above highway surface – Overhead Obstructions

Position of Eye – 6 m from edge of nearest driving lane.

DESIGN SPEED km/h	SIGHT DISTANCE – METRES SU VEHICLES				
	MEDIAN WIDTH – metres				
	0	5	8	12	Over 12 and two-lane
50	150	165	170	180	145
60	180	195	205	215	170
70	210	230	240	250	200
80	240	260	275	290	230
90	270	295	305	325	255
100	305	325	340	360	285
110	335	360	375	395	315
120	365	390	410	430	345
130	395	425	445	470	375

DESIGN SPEED km/h	SIGHT DISTANCE – METRES WB-15 tractor-semitrailer						
	MEDIAN WIDTH – metres						
	0	5	8	12	15	20	Over 12 and two-lane
50	205	215	225	235	245	255	195
60	245	260	270	285	295	310	235
70	285	305	315	330	340	360	270
80	325	350	360	375	390	410	310
90	365	390	405	425	440	465	350
100	410	435	450	470	490	515	390
110	450	480	495	520	535	565	430
120	490	520	540	565	585	620	465
130	530	565	585	615	635	670	505

1. This standard does not apply to interchanges with at-grade ramp terminals.
2. This plan should be used in conjunction with Standard Plan 20630 and 20631, only where there is a significant number of single unit (SU), tractor-semitrailer, or longer vehicles entering the highway. The criteria giving the largest sight distance should be used.
3. Refer to TAC GDG 9.8 and 9.9 for design vehicles and design situations not covered by this Standard Plan.
4. For additional information please refer to SKS 9.7-A & SKS 9.9-B.



SIGHT DISTANCE FOR TRUCKS ENTERING AT GRADE INTERSECTIONS

REVISION HISTORY		DATE	INIT	RECOMMENDED BY:	ORIGINAL SIGNED BY: DIRECTOR TECH. STDS. & POLICIES	DATE	11/27/1975	STANDARD PLAN NO	20632
A. Format and Admin update		06/27/2025	TA	APPROVED BY:	ORIGINAL SIGNED BY: ASSIST. DEPUTY MINISTER OPERATION DIVISION	DATE	11/27/1975	SHEET	1 OF 1