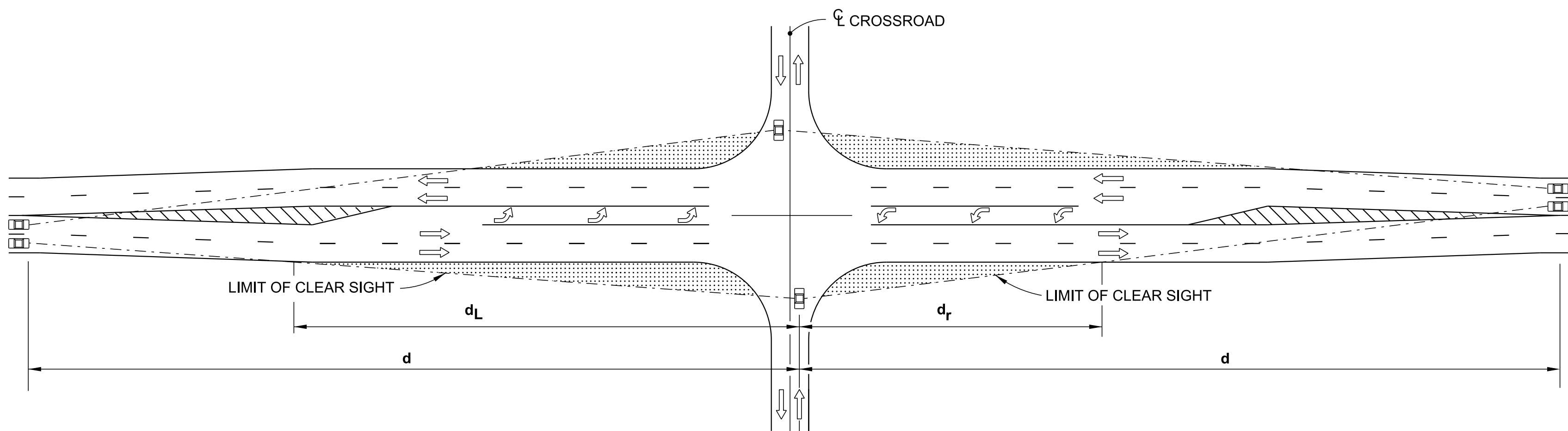
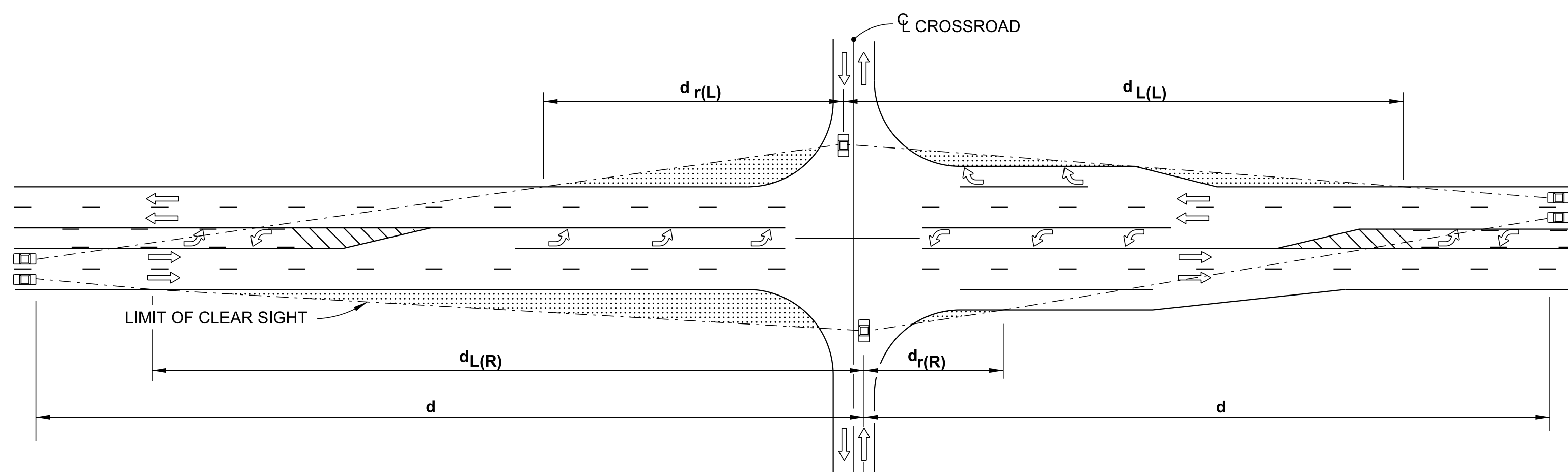


4 LANE UNDIVIDED - SYMMETRICAL



4 LANE UNDIVIDED FLARED - SYMMETRICAL



5 LANE FLARED WITH RIGHT TURNS

SPECIAL NOTES

- INTERSECTION SIGHT DISTANCE VALUES ARE PROVIDED FOR PASSENGER VEHICLES, SINGLE UNIT (SU) VEHICLES AND COMBINATION VEHICLES. INTERSECTION SIGHT DISTANCE BASED ON THE PASSENGER VEHICLE IS SUITABLE FOR MOST INTERSECTIONS. WHERE SUBSTANTIAL VOLUMES OF HEAVY VEHICLES ENTER THE MAJOR ROAD, SUCH AS FROM RAMP TERMINALS WITH STOP CONTROL OR ROADWAYS SERVING TRUCK TERMINALS, THE USE OF TABULATED VALUES FOR (SU) VEHICLES OR COMBINATION VEHICLES SHOULD BE CONSIDERED.
- ALL PROPERTY NEEDED TO ACHIEVE SIGHT DISTANCE AT INTERSECTIONS SHOULD BE ACQUIRED AS RIGHT-OF-WAY. SEE STD DWG RD11-SD-1 FOR RIGHT-OF-WAY LINE PLACEMENT.

Design Speed (MPH)	PASSENGER VEHICLE			SU VEHICLE			COMBINATION VEHICLE				
	d (FT)	d _L (FT)	d _r (FT)	d (FT)	d _L (FT)	d _r (FT)	d (FT)	d _L (FT)	d _r (FT)		
30	355	250	115	30	450	320	150	30	540	380	180
35	415	295	135	35	525	375	170	35	630	445	205
40	475	335	155	40	600	425	200	40	720	510	235
45	530	375	175	45	675	480	220	45	810	580	265
50	590	420	195	50	750	535	245	50	900	635	295
55	650	460	215	55	825	585	270	55	990	700	325
60	710	500	230	60	900	640	295	60	1080	765	355
65	765	545	250	65	975	690	320	65	1170	825	380
70	825	585	270	70	1050	745	345	70	1260	890	410

PASSENGER VEHICLE SU VEHICLE COMBINATION VEHICLE

SIGHT DISTANCE (d) AND RELATED DISTANCES (d_r, d_L) (FEET)

4 LANE UNDIVIDED

Design Speed (MPH)	PASSENGER VEHICLE			SU VEHICLE			COMBINATION VEHICLE				
	d (FT)	d _L (FT)	d _r (FT)	d (FT)	d _L (FT)	d _r (FT)	d (FT)	d _L (FT)	d _r (FT)		
30	375	205	125	30	485	265	160	30	570	315	190
35	440	240	145	35	565	310	185	35	665	365	220
40	500	275	165	40	645	355	210	40	760	415	250
45	565	310	185	45	725	400	235	45	855	470	280
50	625	345	205	50	805	440	265	50	950	520	310
55	690	380	225	55	885	485	290	55	1045	575	340
60	750	415	245	60	965	530	315	60	1140	625	375
65	815	445	265	65	1045	570	340	65	1235	675	405
70	880	480	285	70	1125	615	370	70	1330	730	435

PASSENGER VEHICLE SU VEHICLE COMBINATION VEHICLE

SIGHT DISTANCE (d) AND RELATED DISTANCES (d_r, d_L) (FEET)

4 LANE UNDIVIDED FLARED - SYMMETRICAL

Design Speed (MPH)	PASSENGER VEHICLE					SU VEHICLE					COMBINATION VEHICLE						
	d (FT)	d _L (R) (FT)	d _r (R) (FT)	d _L (L) (FT)	d _r (L) (FT)	d (FT)	d _L (R) (FT)	d _r (R) (FT)	d _L (L) (FT)	d _r (L) (FT)	d (FT)	d _L (R) (FT)	d _r (R) (FT)	d _L (L) (FT)	d _r (L) (FT)		
30	375	265	20	270	125	30	485	340	25	340	160	30	570	405	30	405	190
35	440	310	20	310	145	35	565	400	25	400	185	35	665	470	30	470	220
40	500	355	25	355	165	40	645	455	30	455	210	40	760	540	35	540	250
45	565	400	25	400	185	45	725	510	35	510	235	45	855	605	40	605	280
50	625	445	30	445	205	50	805	570	40	570	265	50	950	675	45	675	310
55	690	490	35	490	225	55	885	625	40	625	290	55	1045	740	50	740	340
60	750	535	35	535	245	60	965	680	45	680	315	60	1140	805	55	805	375
65	815	575	40	575	265	65	1045	740	50	740	340	65	1235	875	55	875	405
70	880	620	40	620	285	70	1125	795	50	795	370	70	1330	940	60	940	435

PASSENGER VEHICLE SU VEHICLE COMBINATION VEHICLE

SIGHT DISTANCE (d) AND RELATED DISTANCES (d_L(R), d_r(R), d_L(L), d_r(L)) (FEET)

5 LANE FLARED WITH RIGHT TURN LANES

LEGEND

AREAS FREE OF SIGHT OBSTRUCTIONS

NOTE: SEE RD11-SD-1 FOR INTERSECTING ROADWAY ORIGIN OF CLEAR SIGHT AND QUADRANT CORNER CLIPS.