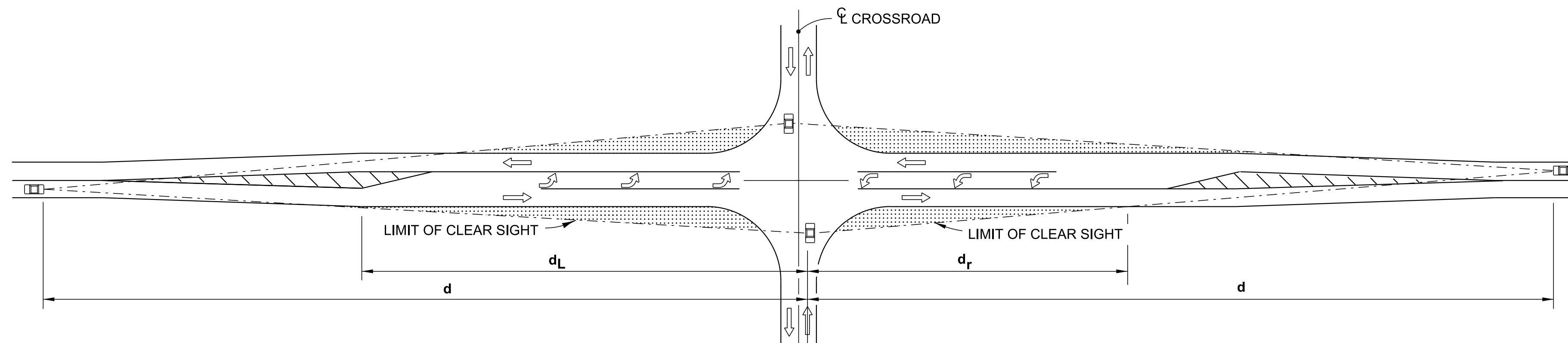
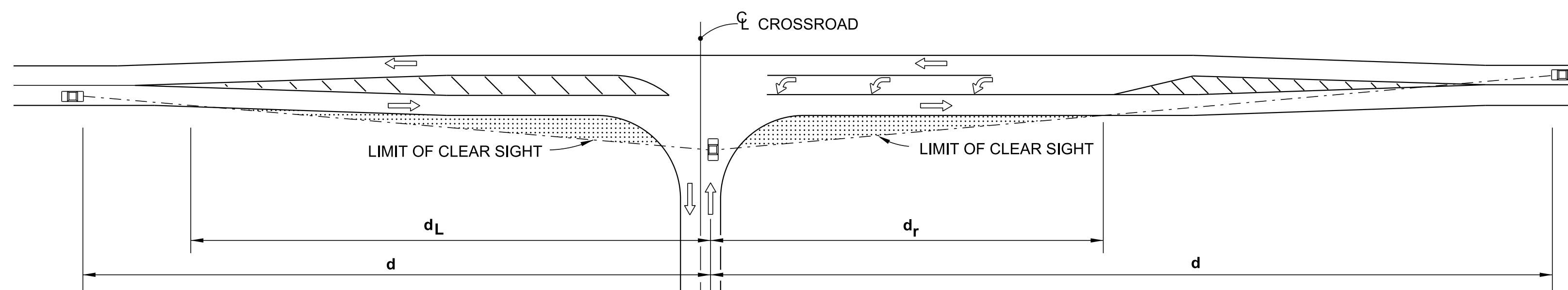


2 LANE UNDIVIDED ROADWAY - SYMMETRICAL



FLARED FOR OPPOSING LEFT TURN CENTERED ON ALIGNMENT - 2 LANE 2 WAY



FLARED FOR SINGLE SIDE LEFT TURN CENTERED ON ALIGNMENT - 2 LANE 2 WAY

LEGEND

AREAS FREE OF SIGHT OBSTRUCTIONS

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

Design Speed (MPH)	d (FT)	d _L (FT)	d _R (FT)
15	170	120	75
20	225	160	100
25	280	195	125
30	335	240	150
35	390	275	175
40	445	315	200
45	500	350	225
50	555	390	250
55	610	430	275
60	665	470	300
65	720	510	325
70	775	550	350

Design Speed (MPH)	d (FT)	d _L (FT)	d _R (FT)
15	210	150	95
20	280	200	125
25	350	250	160
30	420	295	190
35	490	345	220
40	560	395	250
45	630	445	280
50	700	495	310
55	770	545	345
60	840	595	375
65	910	645	405
70	980	695	440

Design Speed (MPH)	d (FT)	d _L (FT)	d _R (FT)
15	255	180	115
20	340	240	155
25	425	300	190
30	510	360	225
35	595	420	265
40	680	480	305
45	765	540	340
50	850	605	380
55	930	660	415
60	1015	720	450
65	1100	780	490
70	1185	840	530

PASSENGER VEHICLE SU VEHICLE COMBINATION VEHICLE

2 LANE UNDIVIDED

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

Design Speed (MPH)	d (FT)	d _L (FT)	d _R (FT)
15	180	100	70
20	235	130	90
25	295	165	115
30	355	195	135
35	415	225	155
40	475	260	180
45	530	290	200
50	590	325	220
55	650	355	245
60	710	390	265
65	765	420	290
70	825	455	315

Design Speed (MPH)	d (FT)	d _L (FT)	d _R (FT)
15	225	125	85
20	300	165	115
25	375	205	145
30	450	250	170
35	525	290	200
40	600	330	225
45	675	370	255
50	750	410	285
55	825	450	310
60	900	490	340
65	975	530	370
70	1050	575	400

Design Speed (MPH)	d (FT)	d _L (FT)	d _R (FT)
15	270	150	105
20	360	200	140
25	450	250	170
30	540	295	205
35	630	345	240
40	720	395	270
45	810	445	305
50	900	495	340
55	990	540	375
60	1080	590	405
65	1170	640	440
70	1260	690	475

PASSENGER VEHICLE SU VEHICLE COMBINATION VEHICLE

2 LANE 2 WAY - FLARED FOR LEFT TURNS

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

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.

STATE OF TENNESSEE
STANDARD DRAWING
DEPARTMENT OF TRANSPORTATION

INTERSECTION
SIGHT
DISTANCE
2-LANE
ROADWAYS

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