

4 LANE UNDIVIDED - SYMMETRICAL

Design Speed	d	d_L	d_R
30	355	250	115
35	415	295	135
40	475	335	155
45	530	375	175
50	590	415	195
55	650	460	210
60	705	500	230
65	765	540	250
70	825	585	270

PASSENGER VEHICLE

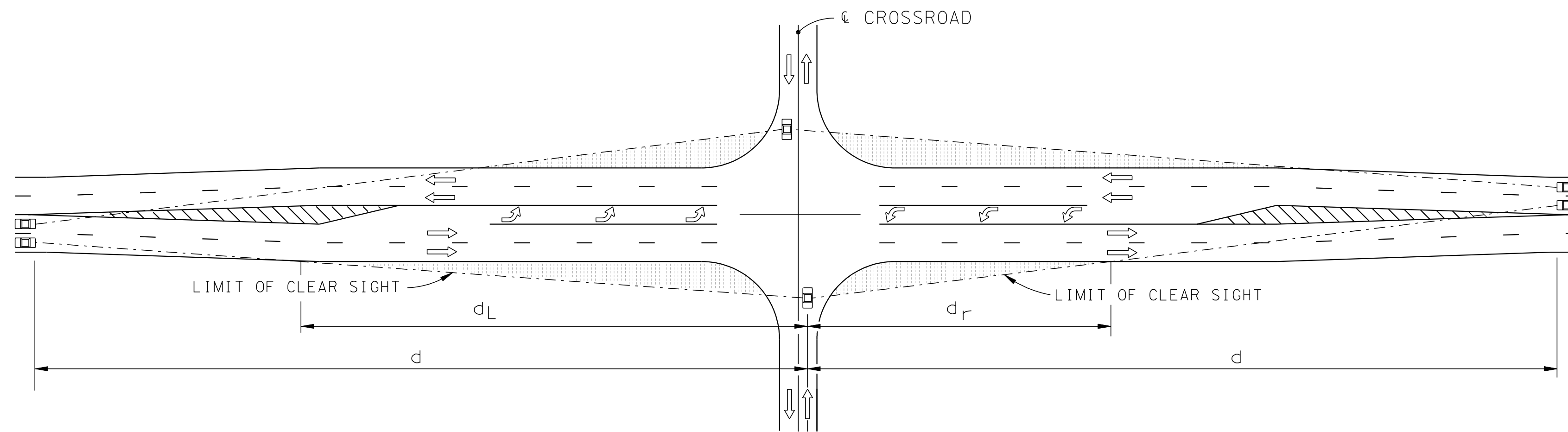
Design Speed	d	d_L	d_R
30	450	320	150
35	525	370	170
40	600	425	195
45	675	475	220
50	750	530	245
55	825	585	270
60	900	635	295
65	975	690	320
70	1050	745	345

SU VEHICLE

Design Speed	d	d_L	d_R
30	540	380	175
35	630	445	205
40	720	510	235
45	810	570	265
50	900	635	295
55	990	700	320
60	1080	765	350
65	1170	825	380
70	1260	890	410

COMBINATION VEHICLE

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



4 LANE UNDIVIDED FLARED - SYMMETRICAL

Design Speed	d	d_L	d_R
30	375	205	120
35	440	240	145
40	500	275	165
45	565	310	185
50	625	340	205
55	690	375	225
60	750	410	245
65	815	445	265
70	880	480	285

PASSENGER VEHICLE

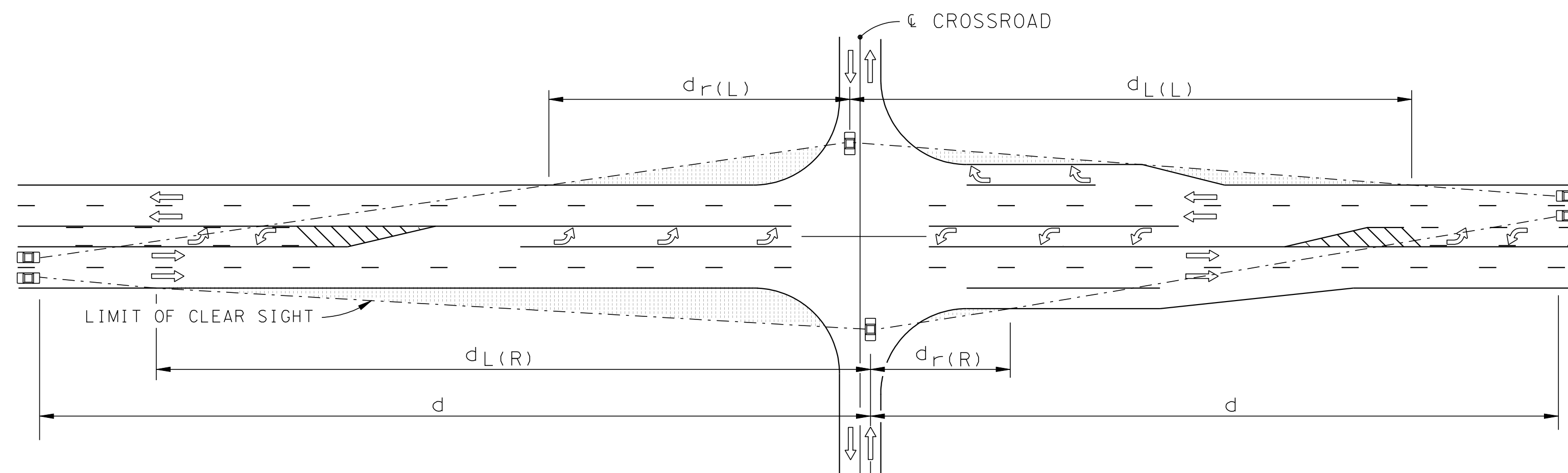
Design Speed	d	d_L	d_R
30	480	220	155
35	560	255	180
40	640	290	210
45	720	330	235
50	800	365	260
55	880	400	285
60	960	440	310
65	1040	480	340
70	1120	520	365

SU VEHICLE

Design Speed	d	d_L	d_R
30	570	310	185
35	665	365	215
40	760	415	250
45	855	470	280
50	950	520	310
55	1045	570	340
60	1140	625	370
65	1235	675	400
70	1330	730	430

COMBINATION VEHICLE

SIGHT DISTANCE (d) AND RELATED DISTANCES (d_R , d_L) (FEET)
4 LANE UNDIVIDED FLARED - SYMMETRICAL



5 LANE FLARED WITH RIGHT TURNS

Design Speed	d	$d_L(R)$	$d_R(R)$	$d_L(L)$	$d_R(L)$
30	375	265	95	170	120
35	440	310	115	195	145
40	500	355	130	225	165
45	565	400	145	250	185
50	625	440	160	280	205
55	690	490	172	310	225
60	750	530	195	335	245
65	815	575	210	365	265
70	880	625	230	385	285

PASSENGER VEHICLE

Design Speed	d	$d_L(R)$	$d_R(R)$	$d_L(L)$	$d_R(L)$
30	480	340	125	215	155
35	560	395	145	250	180
40	640	450	165	285	210
45	720	510	185	320	235
50	800	565	205	360	260
55	880	620	225	395	285
60	960	680	245	430	310
65	1040	735	265	465	340
70	1120	795	285	500	365

SU VEHICLE

Design Speed	d	$d_L(R)$	$d_R(R)$	$d_L(L)$	$d_R(L)$
30	570	405	145	255	185
35	665	470	170	295	215
40	760	540	195	340	250
45	855	605	220	380	280
50	950	670	245	425	310
55	1045	740	270	465	340
60	1140	805	295	510	370
65	1235	875	320	550	400
70	1330	940	345	595	430

COMBINATION VEHICLE

SIGHT DISTANCE (d) AND RELATED DISTANCES (d_R , d_L) (FEET)
5 LANE FLARED WITH RIGHT TURN LANES

LEGEND

▨ AREAS FREE OF SIGHT OBSTRUCTIONS

NOTE: SEE RD01-SD-1 FOR INTERSECTING ROADWAY ORIGIN OF CLEAR SIGHT AND QUADRANT CORNER CLIPS.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

INTERSECTION
SIGHT DISTANCE
5-LANE AND
4-LANE UNDIVIDED
ROADWAYS