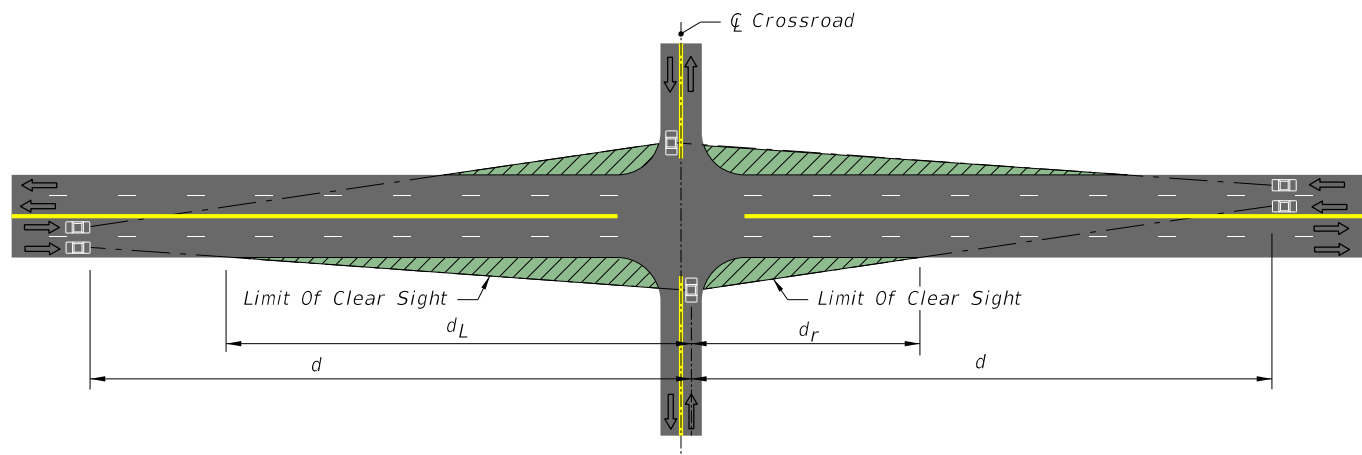


INTERSECTION SIGHT DISTANCE: 4-LANE UNDIVIDED



4-LANE UNDIVIDED

Design Speed (mph)	d (Ft.)	d_L (Ft.)	d_r (Ft.)
≤ 25	295	210	100
30	355	255	120
35	415	295	135
40	475	335	155
45	530	375	175
50	590	420	195
55	650	460	215
60	705	500	230
65	765	545	250
70	825	585	270

Passenger Vehicle

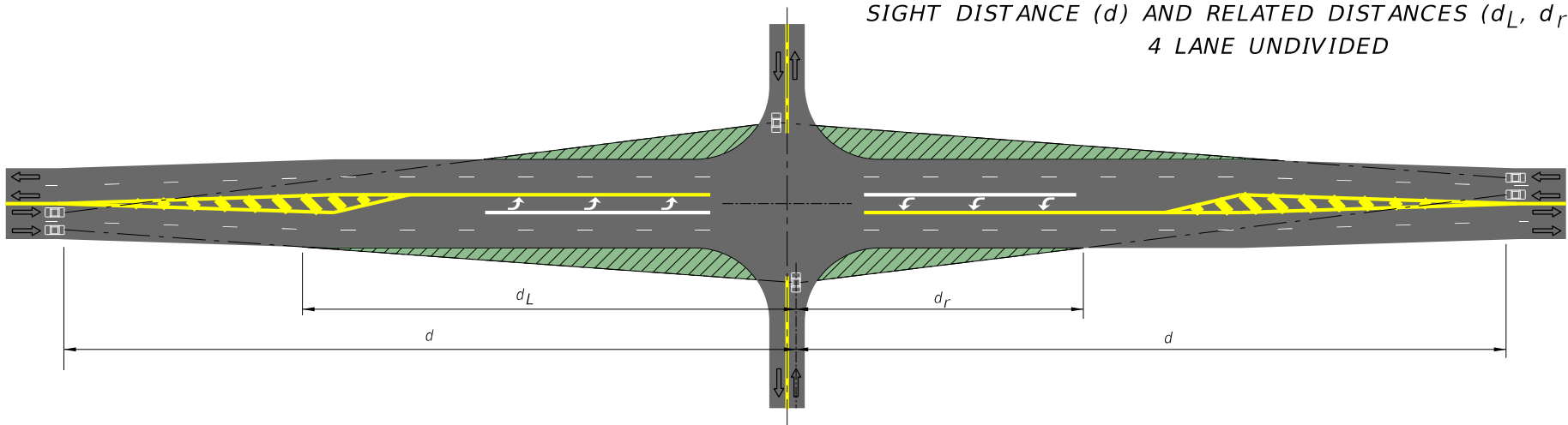
Design Speed (mph)	d (Ft.)	d_L (Ft.)	d_r (Ft.)
≤ 25	375	265	125
30	450	320	150
35	525	375	175
40	600	425	200
45	675	480	220
50	750	530	245
55	825	585	270
60	900	640	295
65	975	690	320
70	1050	745	345

SU Vehicle

Design Speed (mph)	d (Ft.)	d_L (Ft.)	d_r (Ft.)
≤ 25	450	320	150
30	540	385	180
35	630	450	205
40	720	510	235
45	810	575	265
50	900	640	295
55	990	700	325
60	1080	765	355
65	1170	830	385
70	1255	890	410

Combination Vehicle

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



4-LANE UNDIVIDED WITH LEFT TURN LANE

Design Speed (mph)	d (Ft.)	d_L (Ft.)	d_r (Ft.)
≤ 25	315	175	90
30	375	205	110
35	440	245	130
40	500	275	145
45	565	310	165
50	625	345	180
55	690	380	200
60	750	410	215
65	815	450	235
70	875	480	255

Passenger Vehicle

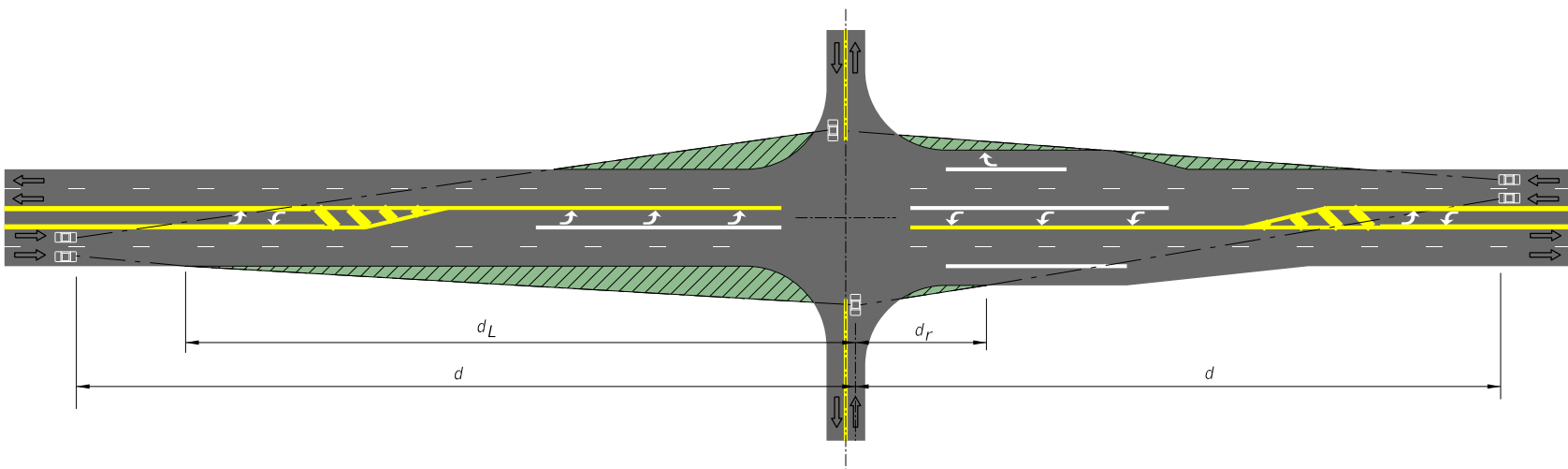
Design Speed (mph)	d (Ft.)	d_L (Ft.)	d_r (Ft.)
≤ 25	400	220	115
30	480	265	140
35	560	310	165
40	640	350	185
45	720	395	210
50	800	440	230
55	880	485	255
60	960	525	280
65	1040	570	300
70	1120	615	325

SU Vehicle

Design Speed (mph)	d (Ft.)	d_L (Ft.)	d_r (Ft.)
≤ 25	475	260	140
30	570	315	165
35	665	365	195
40	760	420	220
45	855	470	245
50	950	520	275
55	1045	575	300
60	1140	625	330
65	1235	675	355
70	1330	730	385

Combination Vehicle

SIGHT DISTANCE (d) AND RELATED DISTANCES (d_L , d_r) (FEET)
4-LANE UNDIVIDED WITH LEFT TURN LANE



4-LANE UNDIVIDED WITH LEFT TURN LANE AND OPTIONAL LANE

Design Speed (mph)	d (Ft.)	d_L (Ft.)	d_r (Ft.)
≤ 25	315	225	70
30	375	265	80
35	440	315	95
40	500	355	110
45	565	400	120
50	625	445	135
55	690	490	150
60	750	530	160
65	815	580	175
70	875	620	190

Passenger Vehicle

Design Speed (mph)	d (Ft.)	d_L (Ft.)	d_r (Ft.)
≤ 25	405	290	90
30	480	340	105
35	560	400	120
40	640	455	135
45	720	510	155
50	800	570	170
55	880	625	190
60	960	680	205
65	1040	740	220
70	1125	800	240

SU Vehicle

Design Speed (mph)	d (Ft.)	d_L (Ft.)	d_r (Ft.)
≤ 25	475	340	105
30	570	405	125
35	665	470	145
40	760	540	165
45	855	605	185
50	950	675	205
55	1045	740	225
60	1140	810	245
65	1235	875	265
70	1330	945	285

Combination Vehicle

SIGHT DISTANCE (d) AND RELATED DISTANCES (d_L , d_r) (FEET)
4-LANE UNDIVIDED WITH LEFT TURN LANE AND OPTIONAL LANE

LEGEND

Areas Free Of Sight Obstructions

NOTE:

1. See Figure 212.11.1 for origin of clear sight line on the minor road.

NOT TO SCALE

EXHIBIT 212-5
01/01/2025