

LEGEND

Areas Free Of Sight Obstructions

MEDIAN 22' OR LESS				
Design Speed	d_x	d_L	d_V	d_M
30	410	290	80	350
35	460	340	90	410
40	550	390	100	470
45	620	440	110	530
50	690	490	130	590
55	760	540	140	640
60	830	590	150	700
65	900	640	170	760

PASSENGER VEHICLE (P)

MEDIAN 35' OR LESS				
Design Speed	d_x	d_L	d_V	d_M
30	590	420	90	510
35	690	490	110	600
40	780	550	120	680
45	880	620	140	760
50	980	690	160	850
55	1080	760	170	940
60	1170	830	190	1020
65	1270	900	200	1100

SINGLE-UNIT TRUCK (SU)

40'-64' MEDIAN				
Design Speed	d	d_L	d_V	d_M
30	410	290	420	300
35	470	330	490	350
40	540	380	560	400
45	610	430	630	450
50	680	480	700	500
55	740	520	770	540
60	810	570	840	590
65	880	620	910	640

MEDIAN 30' OR LESS				
Design Speed	d_x	d_L	d_V	d_M
30	670	470	110	580
35	780	550	130	670
40	890	630	150	770
45	1000	710	170	860
50	1110	790	190	960
55	1220	860	200	1050
60	1330	940	220	1150
65	1440	1020	240	1240

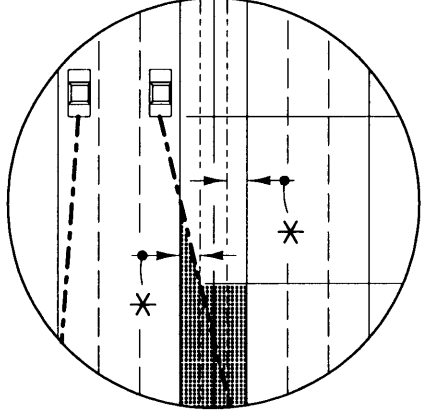
64' MEDIAN				
Design Speed	d	d_L	d_V	d_M
30	490	350	510	360
35	580	410	590	420
40	660	470	680	480
45	740	520	760	540
50	820	580	850	600
55	910	640	930	660
60	990	700	1020	720
65	1070	760	1100	780

35'-50' MEDIAN				
Design Speed	d_x	d_L	d_V	d_M
30	720	510	100	640
35	830	590	110	740
40	950	670	130	840
45	1070	760	150	950
50	1190	840	160	1060
55	1310	930	180	1160
60	1430	1010	190	1270
65	1550	1100	210	1380

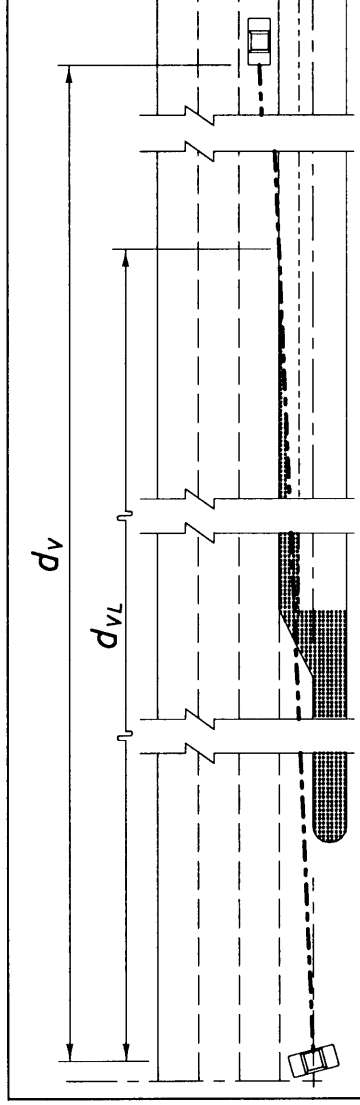
INTERMEDIATE SEMI-TRAILERS (WB-40 & WB-50)

SIGHT DISTANCES (d), (d_V) & (d_X) AND RELATED DISTANCES (d_L , d_r , d_m & d_{VL}) (FEET)

6 LANE DIVIDED



INSET B



INSET A

Where The Median Is Sufficiently Wide For The Design Vehicle To Pause In The Median (Vehicle Length Plus 6' Min.). The Clear Line Of Sight To The Right (d_V) Is Measured From The Vehicle Pause Location, i.e. Not From The Cross Road Stop Position; Distances d_r & d_m Do Not Apply.

NOTES FOR 4-LANE DIVIDED ROADWAY

1. See Sheet 6 for origin of clear sight line on the minor road.
2. Values shown in the tables are the governing (controlling) sight distances calculated based on 'AASHTO Case B - Intersection with Stop Control on the Minor Road.'



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SIGHT DISTANCE AT INTERSECTIONS

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