

TABLE 1  
SAFE STOPPING DISTANCES (SSD)  
(The SSD is measured 15 feet from nearest rail)  
(OAR 741-100-0020)

Vehicle Approach Speed	SSD
15 mph	80 feet
20 mph	115 feet
25 mph	155 feet
30 mph	200 feet
35 mph	250 feet
40 mph	305 feet
45 mph	360 feet
50 mph	425 feet
55 mph	495 feet
60 mph	570 feet
65 mph	645 feet

Source: Based on an equation from A Policy on Geometric Design of Highways and Streets, American Association of State Highway and Transportation officials, 2001, Fourth Edition, pg 112.

**TABLE 2**  
**MAINTENANCE RESPONSIBILITIES**  
**OAR 741-115-0030**

Standard Protective Device	Party Responsible for Installation and Maintenance	MUTCD Reference	Rule Reference
Advance EXEMPT sign	Public Authority	Sign W10-1a Section 8B.05	
Advance Warning Pavement Markings	Public Authority	Section 8B.20	
Advance Warning sign	Public Authority	W10 series signs Section 8B.04	
Automatic gate	Railroad	Section 8D.04	741-110-0030(3)(d)
Cantilevered Flashing-light signal	Railroad	Section 8D.03	741-110-0030(3)(b)
Crossbuck sign	Railroad	Sign R15-1 Section 8B.03	
Crossbuck/STOP sign assembly	Railroad		741-110-0030(2)(a) 741-110-0040(10)
Crossbuck/YIELD sign assembly	Railroad		741-110-0030(2)(b) 741-110-0040(10)
DO NOT STOP ON TRACKS sign	Public Authority and Railroad	Sign R8-8 Section 8B.07	
EXEMPT sign	Public Authority and Railroad	Sign R15-3 Section 8B.04	
Flashing-light signal	Railroad	Section 8D.02	741-110-0030(3)(a)
Guardrail	Public Authority		741-110-0030(6) 741-110-0040(7) Oregon Standard Drawing No. RD445
HIGH LEVEL WARNING DEVICE Illumination	Public Authority		741-115-0040(1)(b) Figure 3
	Public Authority and Utility Companies	Section 8C.01	741-110-0030(2)(e) 741-110-0040(9) Figure 7
Multi-use Path Advance Warning sign	Public Authority	Sign W10-1 (15" diameter) Chapter 9B, Table 9B-1	
NO TURN ON RED sign	Public Authority	Signs R10-11, or 11a Section 8D.07	
Number of Tracks sign	Railroad	Sign R15-2 Section 8B.03	
Pedestrian flashing-light signal	Railroad		741-110-0030(3)(c) 741-110-0040(2) Figure 2
Railroad STOP sign	Railroad		741-110-0030(2)(c) 741-110-0040(3) Figure 1
Skewed Angle Bicycle Warning sign	Public Authority		741-110-0030(5)(b) Figure 9

Standard Curb	Public Authority		741-110-0030(7) 741-110-0040(8) Oregon Standard Drawing No. RD700 Figure 6
STOP AHEAD sign	Public Authority	Sign W3-1 or 1a Section 2C.29	741-110-0040(6)
Stop Clearance Line	Public Authority	Stop Line Section 8B.21	741-110-0040(4)
STOP HERE ON RED sign	Public Authority	Sign R10-6 Section 2B.40	
Traffic Signal Preemption Control	Public Authority and Railroad	Section 8D.07	741-110-0030(3)(g) 741-115-0040
Train-activated Advance Warning Device	Public Authority and Railroad		741-110-0030(5)(a) 741-110-0040(6) Figure 5
Turn Restriction Devices During Train Preemption	Public Authority and Railroad	Sign R10-11a, 11b or 11c in Section 2B.45 and Section 8B.06	
Vehicle STOP sign	Public Authority	Sign R1-1 Section 2B.04	
YIELD AHEAD sign	Public Authority	Sign W3-2 or 2a Section 2C.29	741-110-0030(5)(b) 741-110-0040(6)