

Todd Rd NE Shoulder work

GENERAL NOTES
 1. ALL SIGN SPACING SHALL CONFORM TO MUTCD AND CITY SPECS.
 2. SIGN SPACING MAYBE REDUCED IN URBAN AREAS TO FIT ROADWAYS CONDITIONS.
 3. ALL SIGNS MIN. 48" X 48" UNLESS OTHERWISE SPECIFIED.
 4. ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE AT- GRADE INTERCECTIONS AND / OR DRIVEWAYS.

MINIMUM LANE CLOSURE TAPER LENGTH = L (feet)										
LANE WIDTH (feet)	Posted Speed (mph)									
	10	25	30	35	40	45	50	55	60	65
11	105	150	205	270	450	500	550	-	-	-
12	115	165	225	295	495	550	605	660	-	-
12	125	180	245	320	540	600	660	720	780	840

MINIMUM SHOULDER TAPER LENGTH = L/3 (feet)										
SHOULDER WIDTH (feet)	Posted Speed (mph)									
	8	25	30	35	40	45	50	55	60	65
10	40	60	90	120	150	180	210	240	270	300
12	40	60	90	120	150	180	210	240	270	300

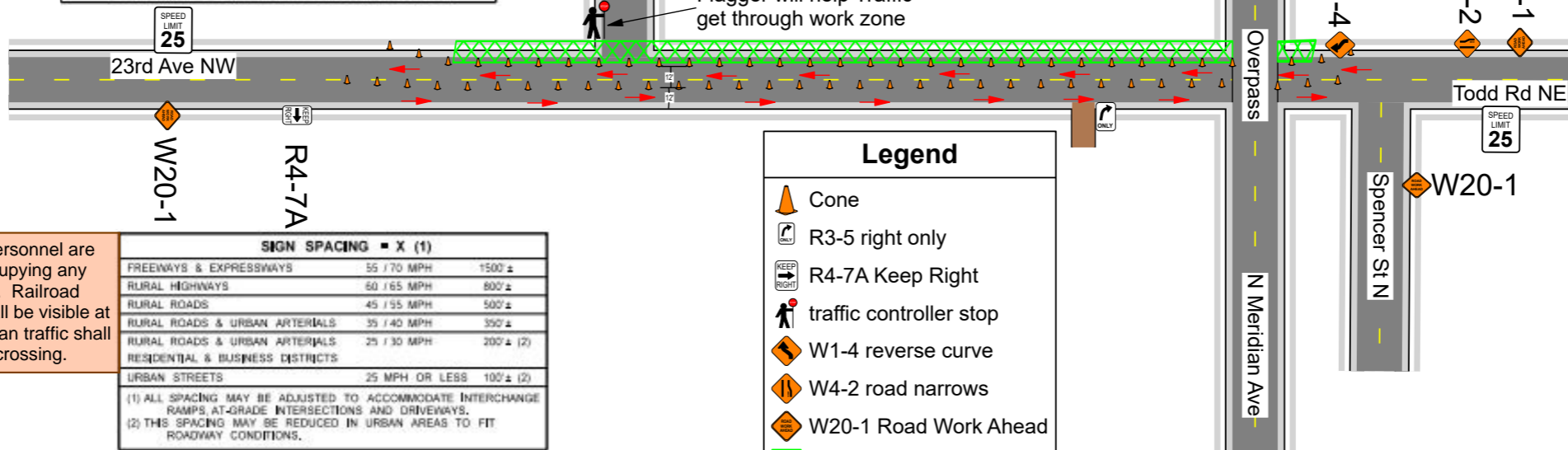
USE A MINIMUM 3 DEVICES TAPER FOR SHOULDER LESS THEN 8'.



Call Jeff Hill, City Inspector, at 253-204-5633 prior to starting any work.

Pivetta shall notify property owner(s) of blocked driveway(s) at least 24 hours in advance.

Flagger will help Traffic get through work zone



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 Date : 08-19-2024

IF APPLICABLE
 THESE SIGNS SHALL BE DISPLAYED
 DURING NON-WORKING HOURS
 ACCORDING TO RCW 47.36.200

CAUTION STEEL PLATE AHEAD W8-24
 MOTORCYCLED USE EXTREME CAUTION W21-1701

All vehicles, equipment, and personnel are prohibited at all times from occupying any portion of the railroad crossing. Railroad crossing signs and striping shall be visible at all times. Vehicle and pedestrian traffic shall not be queued on the railroad crossing.

SIGN SPACING = X (1)		
FREEWAYS & EXPRESSWAYS	55 / 70 MPH	1500'±
RURAL HIGHWAYS	50 / 65 MPH	800'±
RURAL ROADS	45 / 55 MPH	500'±
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350'±
RURAL ROADS & URBAN ARTERIALS	25 / 30 MPH	200'± (2)
RESIDENTIAL & BUSINESS DISTRICTS		
URBAN STREETS	25 MPH OR LESS	100'± (2)

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMP, AT-GRADE INTERSECTIONS AND DRIVEWAYS.
 (2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

Legend

- Cone
- R3-5 right only
- R4-7A Keep Right
- traffic controller stop
- W1-4 reverse curve
- W4-2 road narrows
- W20-1 Road Work Ahead
- Work Area

BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (feet)	153	200	250	305	360	425	495	570	645	730
TRANSPORTABLE ATTENUATOR ROLL AHEAD DISTANCE = R										
HOST VEHICLE WEIGHT 9,900 TO 22,050 lbs.			HOST VEHICLE WEIGHT > 22,050 lbs.							
< 45 MPH	45-55 MPH	> 55 MPH	< 45 MPH	45-55 MPH	> 55 MPH					
100'	123'	172'	74'	100'	150'					

- Traffic control devices shall be 28 inch retro-reflective cones.
- Taper length equals width of offset times speed limit squared divided by 60.
- Sign spacing shall be 100 feet when speed limit is 30 mph or less.
- Sign spacing shall be 350 feet when speed limit is greater than 30 mph.
- Distance between cones equals speed limit in unit-feet.
- Travel lane width must be a minimum of 11 feet at all times.
- All flaggers and spotters shall remain in radio contact at all times.