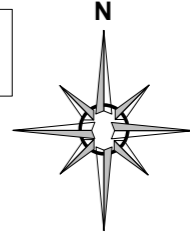


Todd Rd NE Shoulder work

TCP Design By Dusty Willis
 TCS # WA007949
 Exp. Date-1-24-2026
 Phone # 253-377-6195
 Dusty@Pivetta.com
 Date : 12-03-2024



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 INTERCEPTIONS AND / OR DRIVEWAYS.



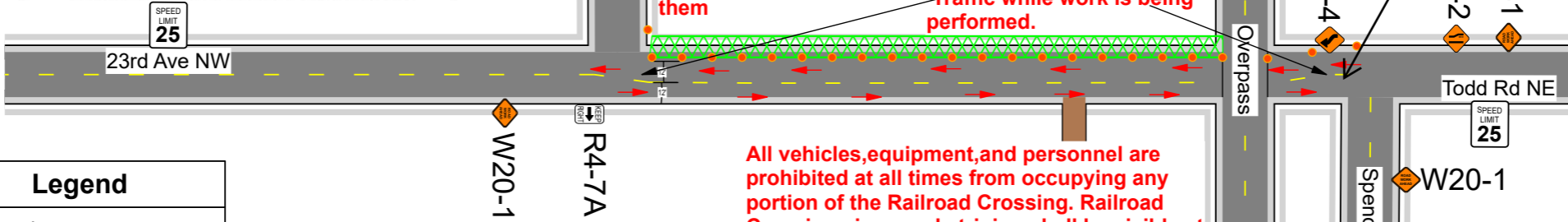
Call Jeff Hill, City Inspector,
 at 253-204-5633 prior to
 starting any work.

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

LANE WIDTH (feet)	MINIMUM LANE CLOSURE TAPER LENGTH = L (feet)									
	Posted Speed (mph)									
10	105	150	205	270	450	500	550	-	-	-
11	115	165	225	295	495	550	605	650	-	-
12	125	180	245	320	540	600	660	720	780	840

SHOULDER WIDTH (feet)	MINIMUM SHOULDER TAPER LENGTH = L/3 (feet)									
	Posted Speed (mph)									
8'	40	60	80	90	120	130	150	160	170	190
10'	40	60	90	90	150	170	190	200	220	240

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



All Barrels will have lights and (2) horizontal six inch reflective tape on them

Striping will be removed and Temporary striping will be put into place to help direct Traffic while work is being performed.

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

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

Maintain 11' lanes

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. Vehicles and pedestrian traffic shall not be queued on the Railroad Crossing,

Legend

- Barrel
- R4-7A Keep Right
- W1-4 reverse curve
- W4-2 road narrows
- W20-1 Road Work Ahead
- Work Area

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.

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.