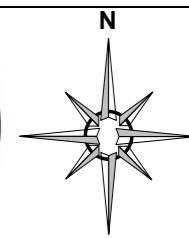


GENERAL NOTES
 1. ALL SIGN SPACING SHALL CONFORM TO MUTCD AND CITY SPECS.
 2. SIGN SPACING MAYBE REDUCED IN URBAN AREAS TO FIT ROADWAYS CONDITIONS.
 3. ALL SIGNS MIN. 48" X 48" UNLESS OTHERWISE SPECIFIED.
 4. ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE AT- GRADE INTERCECTIONS AND / OR DRIVEWAYS.

7Th St NW Water Barrier Manhole Installation



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

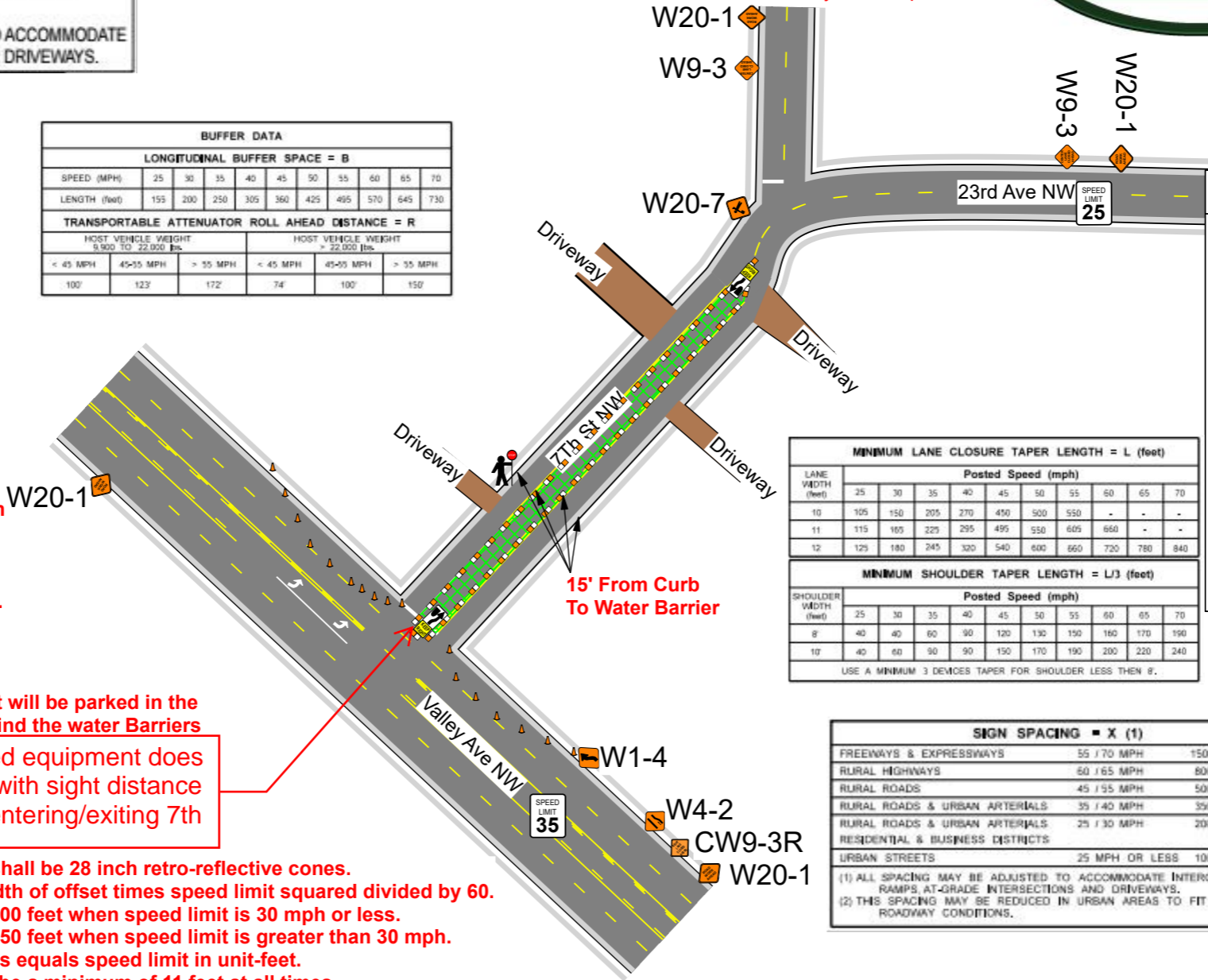
The duration will be 1-2 Days on the plan

TCP Design By Dusty Willis
 TCS # WA007949
 Exp. Date: 1-24-2026
 Phone # 253-377-6195
 Dusty@Pivetta.com
 Date : 07-25-2024

FULL CLOSURE IS ONLY AUTHORIZED FOR THE CONNECTION WITHIN VALLEY AVE - NIGHT WORK IS REQUIRED WHILE WORKING IN VALLEY AVE + 50 FT NORTH ON 7TH ST NW FROM THE STOP BAR AT VALLEY

NIGHT WORK REQUIRED. CLOSURE ALLOWED:
 Sunday - Thursday 9PM - 5AM
 Call communications center at 253-287-4456 on night of closure. Request a job start inspection through the CityView portal and leave a message for the inspectors by calling 253-435-3650 at least 48 hours in advance of job start. Public notification shall comply with PMC Chapter 11.05.110. The City-issued permit packet shall be posted at the job site and available to inspectors at all times.

BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (feet)	155	200	250	305	360	425	495	570	645	730
TRANSPORTABLE ATTENUATOR ROLL AHEAD DISTANCE = R										
HOST VEHICLE WEIGHT 9,900 TO 22,020 lbs.					HOST VEHICLE WEIGHT > 22,020 lbs.					
< 45 MPH	45-55 MPH	> 55 MPH	< 45 MPH	45-55 MPH	> 55 MPH	< 45 MPH	45-55 MPH	> 55 MPH	< 45 MPH	45-55 MPH
100'	123'	172'	74'	100'	150'					



Legend

- Cone
- CW9-3R CW9-3R
- R4-7 Keep Right (Symbol)
- traffic controller stop
- W1-4 reverse curve
- W4-2 road narrows
- W9-3 center lane closed ahead
- W20-1 Road Work Ahead
- W20-7 Flagger
- Water Filled Barrier
- Work Area

LANE WIDTH (feet)	MINIMUM LANE CLOSURE TAPER LENGTH = L (feet)									
	Posted Speed (mph)									
25	35	40	45	50	55	60	65	70	75	80
10	105	150	205	270	350	450	550	-	-	-
11	115	165	225	295	385	495	605	720	-	-
12	125	180	245	320	410	530	660	800	950	1100

SHOULDER WIDTH (feet)	MINIMUM SHOULDER TAPER LENGTH = L/3 (feet)									
	Posted Speed (mph)									
25	35	40	45	50	55	60	65	70	75	80
8	40	40	60	90	120	150	180	210	240	270
10	40	60	90	90	150	170	190	200	220	240

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

SIGN SPACING = X (ft)		
FREEWAYS & EXPRESSWAYS	55 / 70 MPH	1500' ±
RURAL HIGHWAYS	60 / 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.

The Equipment will be parked in the work zone behind the water Barriers
 Ensure staged equipment does not interfere with sight distance for vehicles entering/exiting 7th

- 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.

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