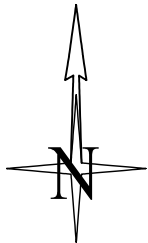


PRFUP20241202

# TEMPORARY TRAFFIC CONTROL PLAN



City of Puyallup  
Development & Permitting Services  
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

**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.

The applicant shall notify all residents and businesses within 300 feet of the work area 48 hours in advance of start date by distributing informational door hangers, displaying work on message boards, or on signs posted visibly along the right-of-way. The City-issued permit packet shall be posted at the job site and available to inspectors at all times.

The applicant shall notify public transportation agencies whose routes or stops are affected by the traffic control plan 24 hours in advance of job start. (Pierce County Transit Construction Coordinator: 253-581-8000)

When shifting traffic into a turn lane, use of double cones is required. Traffic device spacing shall be half distance for opposing traffic devices.

Lane Taper Length =  
$$\frac{(\text{width of taper offset}) \times (\text{speed limit})^2}{(\text{width of taper typically measured as width of lane})}$$

- 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.

**LEGEND**

- WORK PIT
- 28" TRAFFIC CONE
- TRAFFIC FLOW
- WORK VEHICLE/ FLASHING LIGHTS
- SIGN LOCATION
- RIGHT OF WAY ROW
- WORK AREA
- CHEVRON ARROW BOARD
- UNIFORMED POLICE OFFICER
- FLAGGER

$$L = \frac{W \cdot S^2}{60}$$

**SIGN SPACING**

MPH	"X"
60/65	1000'
45/55	500'
35/40	350'
25/30	100'

ALL EQUIPMENT AND WORKERS MUST BE OUT OF THE ROW PRIOR TO 3 P.M. NO EXCEPTION

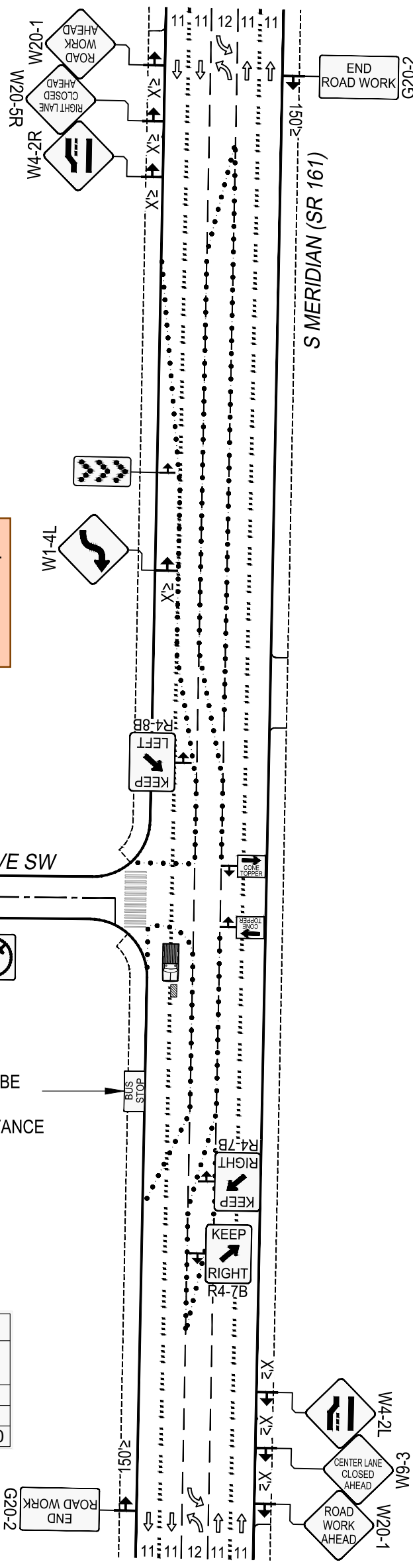
**MINIMUM TAPER LENGTH=L (FT.)**

LANE WIDTH	POSTED SPEED (MPH)										
	20	25	30	35	40	45	50	55	60	65	70
10	70	105	150	205	270	475	500	550	-	-	-
11	75	115	165	225	295	495	550	605	660	-	-
12	80	125	180	245	320	540	600	660	720	780	840

**Notes:**

- All signs and spacing to conform to the MUTCD and City of Puyallup standards.
- All sidewalks, driveways, exits and egresses shall be completely clear unless otherwise indicated.
- Channelizing devices are 28" traffic cones. Use traffic drums (barrels) with steady burning Type C lights on all State State Routes and Hwys.
- Sign size can be a minimum of 36" x 36" and shall not obstruct pedestrian access.
- Crew is required to leave a minimum of 10' for traveling lane width.
- Alert affected residents and businesses.
- ~~Work to take place during approved work hours. (Generally between 9 a.m. and 4 p.m. on non-arterials and from 9 a.m. to 3 p.m. on arterials. If night time work is approved, Night time work to take place between \_\_\_\_\_ and \_\_\_\_\_.)~~
- Flaggers shall remain in radio contact at all times.
- All Flagger and Downstream tapers shall be 50'-100'.
- Work area will be 44' SCL of 21st Ave SW & 15' WCL of S Meridian.

MOVE BUS STOP 300' SOUTH. PIERCE COUNTY METRO WILL BE CONTACTED AT 206-477-1150 FIVE DAYS IN ADVANCE OF SCHEDULED DATE.



Place PCMS

DISTANCE BETWEEN CONES EQUALS SPEED LIMIT IN UNIT FEET. TAPER LENGTHS EQUALS WIDTH OF OFFSET (LANE WIDTH) TIMES SPEED SQUARED DIVIDED BY 60. SIGN SPACING SHALL BE 350' WHEN THE SPEED LIMIT IS GREATER THAN 30 MPH. DISTANCE BETWEEN SIGNS IS MANDATORY UNLESS FIELD CONDITIONS DETERMINE OTHERWISE.



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