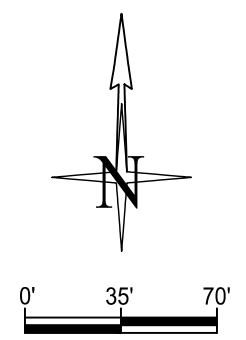


# TEMPORARY TRAFFIC CONTROL PLAN



PRINT ON  
11X17" SHEETS ONLY

PRFUP20221853

Closure Allowed  
Monday - Thursday  
9AM - 2PM  
Call communications  
center at 253-287-4456 on  
day of closure.

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

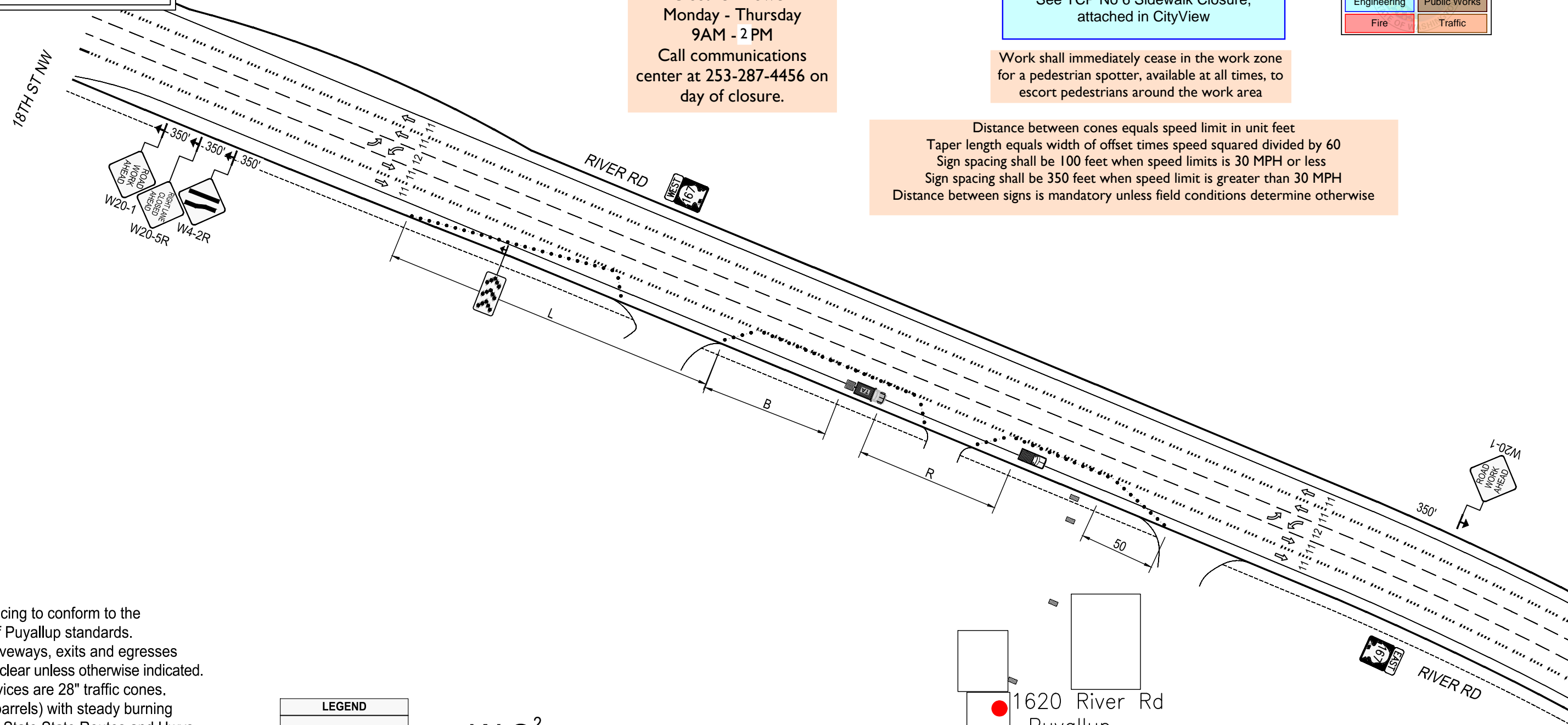
See TCP No 6 Sidewalk Closure,  
attached in CityView

Work shall immediately cease in the work zone  
for a pedestrian spotter, available at all times, to  
escort pedestrians around the work area

City of Puyallup  
Development & Permitting Services  
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

Distance between cones equals speed limit in unit feet  
Taper length equals width of offset times speed squared divided by 60  
Sign spacing shall be 100 feet when speed limits is 30 MPH or less  
Sign spacing shall be 350 feet when speed limit is greater than 30 MPH  
Distance between signs is mandatory unless field conditions determine otherwise



- 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 11' for traveling lane width.
  - Alert affected residents and businesses.
  - Work to take place between 9 a.m. and 4 p.m. unless otherwise specified. All work for arterials and major roadways will be from 9 a.m. to 3 p.m.
  - Work area will be 40' SCL of River Rd & 640' WCL of 15th St.

**LEGEND**

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

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

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

**CHANNELIZATION DEVICE SPACING**

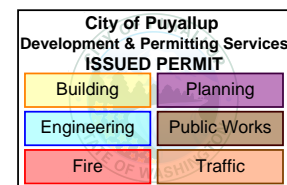
DISTANCE BETWEEN CONES EQUALS SPEED LIMIT IN UNITS OF FEET

1620 River Rd  
Puyallup  
WA 98371  
USA

<b>PUGET SOUND ENERGY</b> Designer: JASON BIENIUS 425-424-7316 Jason.bisenius@pse.com Project Address: 1620 RIVER RD # REPAIR, PUYALLUP, WA 98371.	Puget Sound Energy Traffic Control Supervisor: Gregory Harwood Card No. 012238 Card Exp. 09/30/2023 gregory.harwood@pse.com (425)424-6425 	11/02/2022 Job # 513404107	REV 0
	Page 1 OF 2		

# TEMPORARY TRAFFIC CONTROL PLAN

## WSDOT NOTES & TABLES



**NOTES:**

1. NOTIFY WSDOT AT LEAST 5 DAYS PRIOR TO STARTING WORK.
  2. AT TIME OF WORK, CALL WSDOT RADIO (PER REGION AS INSTRUCTED IN PERMIT) AT THE TIME THE LANE IS CLOSED (OR INTERSECTION FLAGGED); AND AGAIN WHEN THE LANE/INTERSECTION IS OPENED. LEAVE A CONTACT NAME AND CELL PHONE NUMBER WITH RADIO.
  3. FLAGGERS SHALL BE IN RADIO CONTACT WITH EACH OTHER AT ALL TIMES; FLAGGER STATIONS SHALL BE ILLUMINATED DURING HOURS OF DARKNESS WITH MINIMUM 150W LIGHT.
  4. ONLY ESSENTIAL EQUIPMENT OR MATERIALS SHALL BE ON WSDOT R/W DURING NON-WORKING HOURS.
  5. ALL CHANNELIZING DEVICES SHALL BE TRAFFIC SAFETY DRUMS UNLESS OTHERWISE NOTED. ANY CHANNELIZING DEVICES USED DURING HOURS OF DARKNESS SHALL HAVE STEADY BURN TYPE C LIGHTS.
  6. DURING NON-WORKING HOURS, WORK AREA SHALL MEET CRITERIA IN WSDOT STD. SPECS. 1-07.23; INCLUDING, BUT NOT LIMITED TO, 'DROP OFF PROTECTION.
- SIGNS ARE TO BE 48" X 48" RETRO REFLECTIVE AND SIGNS AND STANDS NEED TO MEET THE (NCHRP) 350 CRASH WORTHY REQUIREMENTS. SEE STD. SPEC 1-10.2(3) (CONFORMANCE TO ESTABLISHED STANDARDS) PAGE 1-170 IN THE 2022 STANDARD SPECIFICATIONS MANUAL.
- Ø ALL PERSONNEL SHALL WEAR HIGH-VISIBILITY APPAREL MEETING THE ANSI/ISEA 107-2004 CLASS 2 OR 3 STANDARD. DURING HOURS OF DARKNESS, FLAGGING STATIONS SHALL BE ILLUMINATED. (SEE STD. SPEC 1-10.3(1)A (FLAGGERS AND SPOTTERS) PAGE 1-144 IN THE 2022 STANDARD SPECIFICATIONS MANUAL. THE CONTRACTOR SHALL PROVIDE PORTABLE LIGHTING EQUIPMENT CAPABLE OF SUFFICIENTLY ILLUMINATING A FLAGGER AND THEIR STATION WITHOUT CREATING GLARE FOR ONCOMING MOTORISTS, YET WILL MEET THE MOBILITY REQUIREMENTS OF THE OPERATION. THE LIGHTING STATIONS SHALL BE LOCATED ON THE SAME SIDE OF THE ROADWAY AS THE FLAGGER AND AIMED EITHER PARALLEL OF PERPENDICULAR TO THE TRAVELED LANES TO MINIMIZE GLARE. THE LIGHTING DEVICES SHALL BE LOCATED 5 TO 10 FEET FROM THE EDGE OF TRAVEL LANE WITH A MOUNTING HEIGHT OF 15 - 25 FEET ABOVE THE GROUND. THE FLAGGER SHOULD BE VISIBLE AND DISCERNABLE AS A FLAGGER FROM A DISTANCE OF 1,000 FEET.

SIGN SPACING = X (FEET)		
ROAD TYPE	SPEED	DISTANCE BETWEEN SIGNS
FREEWAYS & EXPRESSWAYS	55/70 MPH	1500+- (OR AS PER MUTCD)
RURAL HIGHWAYS	60/65 MPH	800+-
RURAL ROADS	45/55 MPH	500+-
RURAL ROADS & URBAN ARTERIALS	35/40 MPH	350+-
RURAL ROADS, URBAN ARTERIALS RESIDENTIAL & BUSINESS DISTRICTS	25/30 MPH	200+-(2)
URBAN STREETS	25 MPH OR LESS	100+-(2)

ALL SIGNS ARE 48"x48" BLACK ON ORANGE UNLESS OTHERWISE DESIGNATED.

(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)	155	200	250	305	360	425	495	570	647	730

TRANSPORTABLE ATTENUATOR ROLL AHEAD DISTANCE = R					
HOST VEHICLE WEIGHT 9,900 TO 22,000 lbs.			HOST VEHICLE WEIGHT 9,900 TO 22,000 lbs.		
< 45 MPH	45-55 MPH	> 55 MPH	< 45 MPH	45-55 MPH	> 55 MPH
100'	123'	172'	74'	100'	150'

TAPER/CHANNELIZING DEVICE TABLE															
LANE WIDTH	10 FEET				11 FEET				12 FEET				SHOULDER TAPERS (ASSUMES 10' SHOULDERS)		
	L		1/2 L		L		1/2 L		L		1/2 L		MPH	(FT) LENGTH	DEVICES
MPH	MERGING	DEVICES	SHIFTING	DEVICES	MERGING	DEVICES	SHIFTING	DEVICES	MERGING	DEVICES	SHIFTING	DEVICES	MPH	(FT) LENGTH	DEVICES
20	70'	5	35'	3	75'	5	40'	3	80'	5	40'	3	20	25'	3
25	105'	6	55'	4	115'	7	60'	4	125'	7	65'	4	25	35'	3
30	150'	8	75'	5	165'	9	85'	5	180'	10	90'	5	30	50'	3
35	205'	8	105'	5	225'	9	115'	5	245'	9	125'	5	35	70'	4
40	270'	10	135'	6	295'	11	150'	6	320'	12	160'	6	40	90'	4
45	450'	16	225'	9	495'	18	250'	9	540'	19	270'	10	45	150'	6
50	500'	14	250'	8	550'	15	275'	8	600'	16	300'	9	50	170'	6
55	550'	15	275'	8	605'	16	305'	9	660'	18	330'	9	55	185'	6
60	600'	16	300'	9	660'	18	330'	9	720'	19	360'	10	60	200'	6
65	650'	17	325'	9	715'	19	370'	10	780'	21	390'	11	65	220'	7
70	700'	19	350'	10	770'	20	385'	11	840'	22	420'	12	70	235'	7

\*L FOR SHOULDER TAPER  
EQUALS SHOULDER WIDTH X  
SPEED. FIGURES SHOWN ARE  
FOR A 10' SHOULDER

CHANNELIZING DEVICE SPACING (FEET O.C.)		
MPH	TAPER	TANGENT
55/70	40	80
35/45	30	60
25/30	20	40

ONE-LANE, TWO-WAY FLAGGER TAPER APPROXIMATELY 20 FEET O.C.

DOWNSTREAM OR TERMINATION TAPER APPROXIMATELY 20 FEET O.C.

**Designer:**  
JASON BIENIUS  
425-424-7316  
Jason.bisenius@pse.com

**Project Address:**  
1620 RIVER RD # REPAIR, PUYALLUP, WA 98371.

Puget Sound Energy Traffic Control Supervisor: Gregory Harwood Card No. 012238 Card Exp. 09/30/2023 gregory.harwood@pse.com (425)424-6425 	11/02/2022	REV 0
Job # 513404107		
Page		2 OF 2