

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 22,000 lbs.			HOST VEHICLE WEIGHT > 22,000 lbs.		
< 45 MPH	45-55 MPH	> 55 MPH	< 45 MPH	45-55 MPH	> 55 MPH
100'	123'	172'	74'	100'	150'

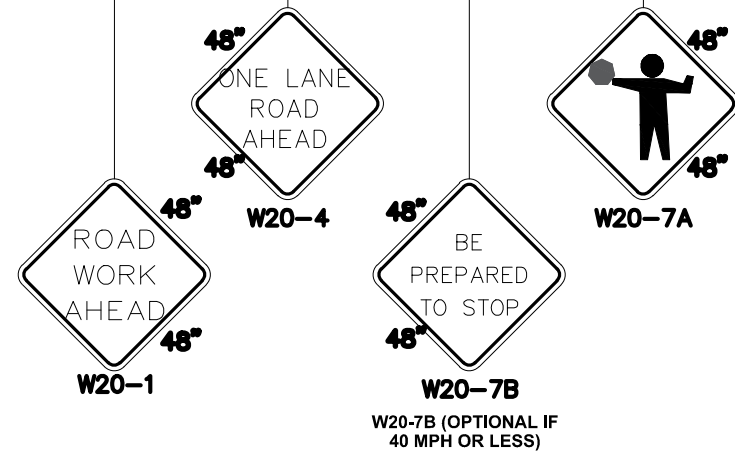
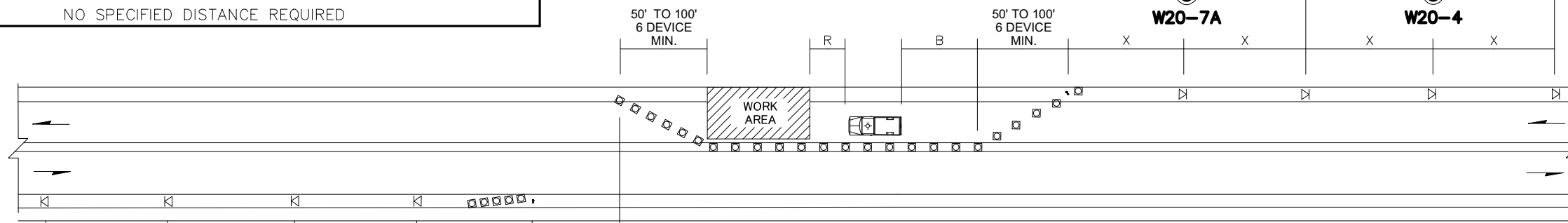
PROTECTIVE VEHICLE (WORK VEHICLE) = R

NO SPECIFIED DISTANCE REQUIRED

SIGN SPACING = X (1)

RURAL HIGHWAYS	60 / 65 MPH	800' (1)
RURAL ROADS	45 / 55 MPH	500' (1)
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' (1)
RURAL ROADS, URBAN ARTERIALS, RESIDENTIAL & BUSINESS DISTRICTS	25 / 30 MPH	200' (2)
URBAN STREETS	25 MPH OR LESS	100' (2)

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERSECTIONS AND DRIVEWAYS.
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.



- TRAFFIC CONTROL PLAN NOTES**
1. TRAFFIC CONTROL ONE-LANE, TWO-WAY TRAFFIC CONTROL WITH FLAGGERS.
 2. THIS SETUP WILL BE USED ON TODD RD NW.
 3. SPEED LIMIT : 25MPH

CHANNELIZATION DEVICE SPACING (FEET)

MPH	TAPER	TANGENT
50/65	10 TO 20	80
35/45	10 TO 20	60
25/30	10 TO 20	40

PRFUP20241548

ROAD WORK ALLOWED:
Monday - Friday
9AM - 3PM

Call communications center at 253-287-4456 on day of work. Request a job start inspection through the CityView portal.

The City-issued permit packet shall be posted at the job site and available to inspectors at all times.

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

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

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

- NOTES**
1. ALL SIGNS ARE BLACK ON ORANGE.
 2. EXTENDING THE CHANNELIZING DEVICE TAPER ACROSS SHOULDER IS RECOMMENDED.
 3. NIGHT WORK REQUIRES ADDITIONAL ROADWAY LIGHTING AT FLAGGING STATIONS. SEE THE **STANDARD SPECIFICATIONS** FOR ADDITIONAL DETAILS.
 4. SEE **SPECIAL PROVISIONS** FOR WORK HOUR RESTRICTIONS.

-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.

ONE-LANE, TWO-WAY TRAFFIC CONTROL WITH FLAGGERS

NOT TO SCALE

- LEGEND**
- FLAGGING STATION
 - TEMPORARY SIGN LOCATION
 - CHANNELIZING DEVICES
 - PROTECTIVE VEHICLE

TCP DEVICE LEGEND

WARNING SIGN		POLICE OFFICER	
REGULATORY SIGN		FLAGGER STATION	
TRAFFIC CONE		SPOTTER STATION	
PATROL CAR		FLASHING ARROW	
LIT INTERSECTION		FLASHING DOUBLE ARROW	
UNLIT INTERSECTION		FLASHING CAUTION	
WORK VEHICLE		(MERGE LEFT OR RIGHT)	

TRAFFIC CONTROL PLAN GENERAL NOTES

1. AN ARROWBOARD SHALL MEET THE MINIMUM SIZE, LEGIBILITY DISTANCE, NUMBER OF ELEMENTS AND OTHER SPECIFICATIONS SHOWN.
2. LENGTH OF ARROW EQUALS 48", WIDTH OF ARROWHEAD EQUALS 24".
3. TYPE A, B AND C ARROW BOARDS SHALL HAVE SOLID RECTANGULAR APPEARANCES. A TYPE D ARROW BOARD SHALL CONFORM TO THE SHAPE OF THE ARROW.
4. MAINTAIN DRIVEWAY ACCESS AT ALL TIMES
5. SIDEWALK ARE EITHER OPEN OR NOT OPEN. A SIDEWALK IS CLOSED IF A MINIMUM 5' PATH CANNOT BE MAINTAINED MEASURED FROM PROPERTY LINE, OR 5.5' IF CREATED FROM FACE OF CURB. (PEDESTRIAN PATH PROVIDED WHERE REQUIRED) AND WILL BE MONITORED BY A SPOTTER TO ENSURE FLOW AND SAFETY DURING WORK UNLESS OTHERWISE NOTED. A SPOTTER SHALL NOT DIRECT TRAFFIC.
6. NO EXCEPTION TAKEN- CONTRACTOR IS RESPONSIBLE FOR ADA COMPLIANCE.
7. ALL CONTROL SET-UP, SIGN SPACING AND PROCEDURES, WILL CONFORM TO SPECIFICATIONS STATED IN THE FEDERAL MANUAL ON UNIFORMED TRAFFIC CONTROL DEVICES (M.U.T.C.D.).
8. CITIES AND VARIOUS MUNICIPALITIES MAY HAVE ALSO ADOPTED SPECIALIZED GUIDELINES FOR TRAFFIC CONTROL WITHIN THEIR JURISDICTION. IT IS THE RESPONSIBILITY OF THE ON-SITE TRAFFIC CONTROL PERSONAL TO SEE IF AND ANY SPECIAL CONDITIONS EXIST.
9. FLAGGERS SHALL BE USED IN ACCORDANCE WITH WAC 468-95-302.
10. IF ONLY ONE LANE IS OPEN IN A DIRECTION, THAT LANE SHALL BE A MINIMUM OF 11' WIDE, UNLESS SPOTTER/FLAGGERS ARE USED, IN WHICH CASE THE LANE CAN BE A MINIMUM OF 10'.
11. ALL ROW WORK MUST YIELD TO SCHOOL TRANSIT, EMPLOYEES AND CHILDREN. WHILE PASSENGER LOADING/UNLOADING, STOPPED OR SLOWING; CEASE WORK, YIELD, WHEN SCHOOL TRANSIT, AND/OR PEDESTRIANS, DEPART COMMENCE WORK.

LONGITUDINAL BUFFER SPACE =LBS

SPEED (MPH)	20	25	30	35	40	45	50	55	60	65	70
DISTANCE (FT)	115	155	200	250	305	360	425	495	570	645	730

TAPER LENGTH IN FEET=L (FEET)

LANE WIDTH (FEET)	POSTED SPEED LIMIT (MPH)										
	25	30	35	40	45	50	55	60	65	70	
10	105	150	205	270	450	500	550	-	-	-	-
11	115	160	225	295	495	550	605	660	-	-	-
12	125	180	245	320	540	600	660	720	780	840	-

ADVANCED WARNING SIGN SPACING

ROAD TYPE	SPEED	DISTANCE BETWEEN ADVANCED WARNING SIGNS			
		X	X	X	X
FREWAYS & EXPRESSWAYS	55/75 MPH	1500 ±	1500 ±	1500 ±	1500 ±
RURAL HIGHWAYS	60/65 MPH	800 ±	800 ±	800 ±	800 ±
RURAL ROADS	45/55 MPH	500 ±	500 ±	500 ±	500 ±
RURAL ROADS & URBAN ARTERIAL	35/40 MPH	350 ±	350 ±	350 ±	N/A
RURAL ROADS, RESIDENTIAL & BUSINESS DISTRICTS	25/30 MPH	200 ± (2)	200 ± (2)	200 ± (2)	N/A
URBAN STREETS	25 MPH OR LESS	100 ± (2)	100 ± (2)	100 ± (2)	N/A

(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.

MasTec

COMCAST

811
Know where you dig. Call before you dig. DIGALERT
CALL TOLL FREE 88 HOURS BEFORE YOU DIG UNDERGROUND SERVICE ALERT 811

SITE NAME: RELOCATION - UG - PSE OPERATIONAL TRAINING CENTER

LOCATION ADDRESS: 325 TODD RD NW PUYALLUP, WA 98371

COMCAST JOB NUMBER: JB0001820408

TRAFFIC CONTROL PLAN-1

MasTec
Network Solutions

RYAN KETTELIS
ID: P101KM
TCS NO. 012654
EXPIRES: 11/30/24

RPK
STAMP

DRAWN BY: JDS
DATE: 9/23/2024

REVISIONS

DATE	DESCRIPTION	INITIAL

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SCALE: 1" = 702'
0 351' 702'

SHEET 1 OF 1