Port of Tacoma Lower Wapato Creek Habitat Project Submittal No: Contract No. 071447 KLB Job No. 221102 Bid Item No: To: Dave Myers Project Manager Submittal Type: Port of Tacoma One Sitcum Plaza Material Approval Tacoma, WA 98421 Work Plan **Shop Drawing** From: KLB Construction, Inc. PO Box 158 Cost Proposal Mukilteo, WA 98275 Serial Letter Other Re: Specification Reference: Drawing Reference:

Additional Information:

SIGN SPACIN	NG = X		TABLE (1)		TRAFFIC CONTROL PL
FREEWAYS & EXPRESSWAYS	55 / 70 MPH 1500' ±	ONE LANE, TWO-WAY TRAFFIC TAPE	CHANNELIZATION DEVICE	<u>Typical One-Lane, Two-Way Operation</u>	FIFE, WA $_{ m N}$
RURAL HIGHWAYS RURAL ROADS	60 / 65 MPH 800' ± 45 / 55 MPH 500' ±	TAPER TYPE LENGTH (feet)	# OF DEVICES SPACING (FEET) # OF DEVICES MPH TAPER TANGENT		Ā
JRAL ROADS & URBAN ARTERIALS		UPSTREAM TAPER 50' TO 100'	6 DEVICE MIN. 50/65 10 TO 20 80	O E/B 12th St E closed east of Alexander Ave E.	
JRAL ROADS & URBAN ARTERIALS	25 / 30 MPH 200'± (2)	DOWNSTREAM TAPER 50' TO 100'	6 DEVICE MIN. 35/45 10 TO 20 60 25/30 10 TO 20 40	Detour route provided.	w <
SIDENTAL & BUSINESS DISTRICTS			23/30 10 10 20 40	 FLAGGER shall hold W/B traffic, as needed, to 	\bigvee
BAN STREETS	25 MPH OR LESS 100'± (2) TO ACCOMMODATE INTERCHANGE			allow affected residents to safely exit driveways.	Y
RAMPS, AT-GRADE INTERSECTION THIS SPACING MAY BE REDUCED	ONS AND DRIVEWAYS.		\wedge	O Pierce County Transit route not present.	8
ROADWAY CONDITIONS.	IN ORBAN AREAS TO FIT		ROAD	O No anticipated pedestrian impact.	NOT TO SCA
		IF APPLICA	BLE WORK AHEAD	O Parking lane not present.	
		THESE SIGNS SHALL B	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	O MANDATORY: Affected businesses/residents	
		DURING NON-WORK	1 1	shall be notified of work times/dates.	
		ACCORDING TO RCV			
		ACCORDING TO ROY	70	O REASON: Lower Wapato Creek Habitat Project	ADVANCE WARNING SI
			STOP W20-7b	construction.	SPACED @ (X) OR AS
		GROOVED MOTORCYCLES USE EXTREME	UNEVEN		SITE CONDITIONS.
		W8-2001 CAUTION W	121-1701 W8-11		REFER TO SIGN SPACING
		Q 111 2011 Q 11			
		CAUTION			
		(STEEL PLATE)	BUMP W20-7a		
		AHEAD W8-24	W8-1	(1)UPO may replace (A) and	Ţ
POSTE	n	V 110 24		control all traffic flow within	V
SPEED			(A)	the intersection	2012
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SIGN SPACING = X FREEWAYS & EXPRESSWAYS 1500' ± RURAL HIGHWAYS 800' ± 45 / 55 MPH 500'+ RURAL ROADS RURAL ROADS & URBAN ARTERIALS 35 / 40 MPH 350' ± RURAL ROADS & URBAN ARTERIALS 200' ± (2) 25 / 30 MPH RESIDENTAL & BUSINESS DISTRICTS URBAN STREETS 25 MPH OR LESS 100'± (2)

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS. (2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

ONE LANE. TWO-WAY TRAFFIC TAPER SPECS TAPER TYPE LENGTH (feet) # OF DEVICES UPSTREAM TAPER 6 DEVICE MIN. 50' TO 100' DOWNSTREAM TAPER 50' TO 100' 6 DEVICE MIN.

IF APPLICABLE

THESE SIGNS SHALL BE DISPLAYED

DURING NON-WORKING HOURS

ACCORDING TO RCW 47.36.200

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			

TABLE (1)

Typical One-Lane, Two-Way Operation

- O E/B 12th St E closed east of Alexander Ave E.
- O Detour route provided.
- O FLAGGER shall hold W/B traffic, as needed, to allow affected residents to safely exit driveways.
- O Pierce County Transit route not present.
- O No anticipated pedestrian impact.
- O Parking lane not present.
- O MANDATORY: Affected businesses/residents shall be notified of work times/dates.
- O REASON: Lower Wapato Creek Habitat Project construction.

LEGEND

WORK AREA

28" REFL. CONE

SIGN LOCATION

FLAGGING STATION

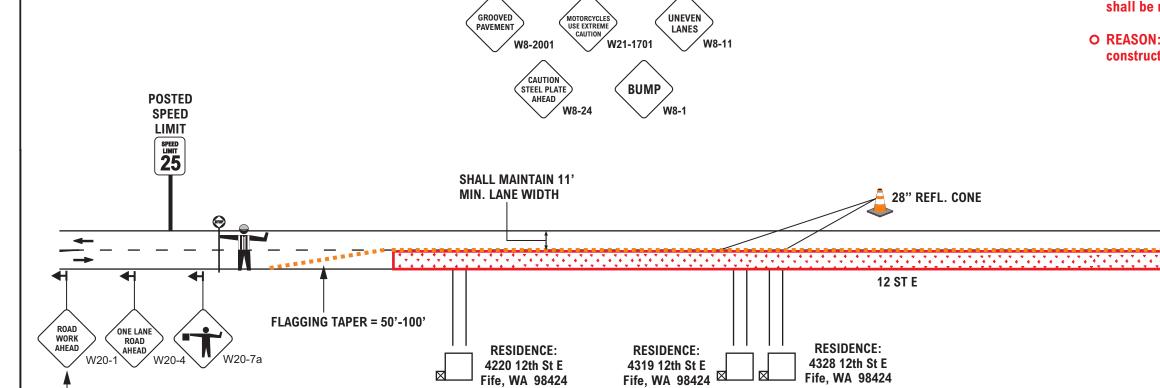
EXISTING TRAFFIC FLOW

TRAFFIC CONTROL PLAN FIFE, WA

NOT TO SCALE

ROAD WORK

W20-1



Fife, WA 98424

GENERAL NOTES:

- 1. ALL SIGNS AND SPACING SHALL CONFORM TO THE MUTCD. 2. NOTIFY LOCAL EMERGENCY SERVICES OF CLOSURE TIMES AND DATES (OPTIONAL).
- 3. SIGN SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROAD 4. PROTECTIVE VEHICLE RECOMMENDED-MAY BE A WORK TRUCK.
- 5. ALL SIGNS MIN. 48" x 48" UNLESS OTHERWISE SPECIFIED.

ADVANCE WARNING SIGNS

SPACED @ (X) OR AS PER

SITE CONDITIONS.

REFER TO SIGN SPACING CHART.

- 6. CHANNELIZATION DEVICES ARE 28" REFL. CONES (see TABLE (1) for spacing distances).
- 7. ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE AT-GRADE INTERSECTIONS AND/OR DRIVEWAYS.



DURING HOURS OF DARKNESS, FLAGGER STATIONS SHALL BE ILLUMINATED WITHOUT CAUSING GLARE TO THE TRAVELING PUBLIC USING PORTABLE LIGHT TOWER OR APPROVED ALTERNATIVE. **WAC 296-155-305 SECTION 9(C)**

MANDATORY: THESE RESIDENTS SHALL HAVE ACCESS TO

PROPERTY AT ALL TIMES

MANDATORY DURING NON-WORKING HOURS. TRAFFIC CONTROL SHALL BE REMOVED AND ROW SHALL BE OPENED TO IT'S FULL WIDTH



AHEAD



CONTRACTOR		
CONTRACTOR	KLB Construction Inc	
SUPERVISOR		W0
Will Case		
PHONE NUMBER (office)		PROJECT LOCATI
509-306-9506		Fife, W
PHONE NUMBER (fax)	SHEET NUMBER	DAT
	KLB.02	7/9/2
PREPARED BY	PHONE#	
David Barnes	253-331-8248	raffic
E-MAIL david@trafficco	of WA	

