

# TC-01A WELLSIAN WAY @ WYMAN ST TRENCH / RESTORE ROAD CLOSURE / DETOUR ROUTE RIGHT LANE CLOSURE

**TRAFFIC CONTROL PLAN**  
JOB # P-094832  
PERMIT #

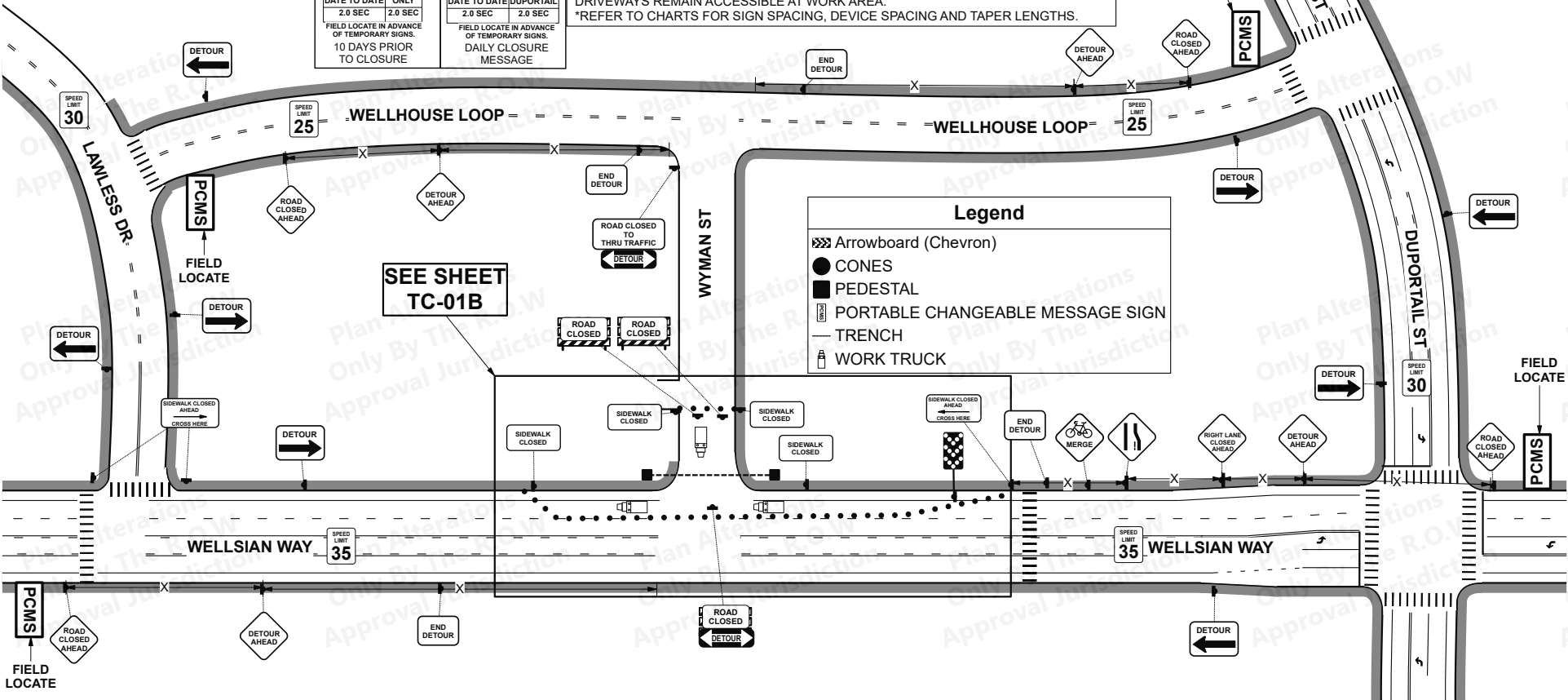
**Comments:**  
THIS IS TO TRENCH, PLACE FIBER AND RESTORE AS REQUIRED.  
THIS IS A ROAD CLOSURE OF WYMAN ST TO THRU TRAFFIC, DETOUR ROUTE AND RIGHT LANE CLOSURE.  
WYMAN TRAFFIC DETOURED TO DUPORTAIL ST & LAWLESS DR VIA WELLHOUSE LOOP.  
PORTABLE CHANGEABLE MESSAGE SIGNS PLACED IN ADVANCE OF WORK AREA.  
PUBLIC NOTIFICATION 10 DAYS PRIOR TO ROAD CLOSURE.  
BIKE TRAFFIC WILL MERGE WITH TRAFFIC AT WORK AREA.  
SIDEWALK CLOSED AT WORK AREA.  
PEDESTRIANS DETOURED TO OTHER SIDE AT MID BLOCK CROSSWALK AND CROSSWALK AT LAWLESS DR.  
SPOTTER WILL ASSIST PEDESTRIANS AT WORK AREA.  
DRIVEWAYS REMAIN ACCESSIBLE AT WORK AREA.  
\*REFER TO CHARTS FOR SIGN SPACING, DEVICE SPACING AND TAPER LENGTHS.

**PUBLIC NOTIFICATION**

PCMS BOARD		PCMS BOARD	
PCMS #1		PCMS #2	
1	2	1	2
WYMAN ST CLOSED	LOCAL ACCESS ONLY	WYMAN ST CLOSED	DETOUR LAWLESS/ DUPORTAIL
DATE TO DATE:	DATE TO DATE:	DATE TO DATE:	DATE TO DATE:
2.0 SEC	2.0 SEC	2.0 SEC	2.0 SEC

FIELD LOCATE IN ADVANCE OF TEMPORARY SIGNS. 10 DAYS PRIOR TO CLOSURE

FIELD LOCATE IN ADVANCE OF TEMPORARY SIGNS. DAILY CLOSURE MESSAGE



UNLAWFUL FOR ANYONE OTHER THAN THE CITY OF RICHLAND TO ALTER THIS CERTIFIED TRAFFIC CONTROL PLAN IN ANY FORM WITHOUT EXPRESS WRITTEN CONSENT FROM: DARLENE DURR, TCS #ES2 000148, darlene.durr@hotmail.com

Date: 3/27/2026 Author: Darlene Durr, Traffic Control Supervisor Project: P-094832 TCS CERT: #ES2 000148 DESIGNED FOR ZIPLY: (DO NOT ALTER)

- Comments:**  
General Requirements
- All signs and spacing to conform to the MUTCD and City of RICHLAND requirements.
  - Channelizing devices are 28" traffic cones with retro reflective material.
  - All signs are 48" X 48" B/O unless otherwise specified.
  - Alert affected local residents and businesses.
  - Crew is required to leave a minimum 11' for lane width.
  - Work hours will be DETERMINED BY CITY, COUNTY AND/OR WSDOT.

NOT TO SCALE

Drafted: 3/27/2026  
Darlene Durr  
TCS # ES2 000148  
TCS # Exp 3/31/2027  
Phone 253-737-5198  
darlene.durr@hotmail.com

**CHANNELIZING DEVICE SPACING (FEET)**

MPH	TAPER	TANGENT
50/70	40'	80'
35/45	30'	60'
25/30	20'	40'

ONE LANE TWO WAY TTC ZONE TAPER 20' TANGENT 40' SPACING AT ALL SPEEDS

**Darlene Durr**

NOTE ALL LANE WIDTHS ARE ESTIMATES; FOR ACCURACY, MEASURE IN FIELD PRIOR TO WORK.  
REFER TO CHARTS FOR DEVICE SPACING, SIGNAGE SPACING, SIGN SIZE, BUFFER SPACING AND TAPER LENGTHS.

**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	< 45 MPH	45 - 55 MPH	> 55 MPH	< 45 MPH	45 - 55 MPH	> 55 MPH
9,900 TO 22,000 LBS.	100'	123'	172'	74'	100'	150'

PROTECTIVE VEHICLE (WORK VEHICLE) = R

NO SPECIFIED DISTANCE REQUIRED

**SIGN SPACING = X (1)**

RURAL HIGHWAYS	50 / 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)

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

**ONE LANE TWO WAY TAPER 50' MIN / 100' MAX**

TAPER/ CHANNELIZING DEVICE TABLE

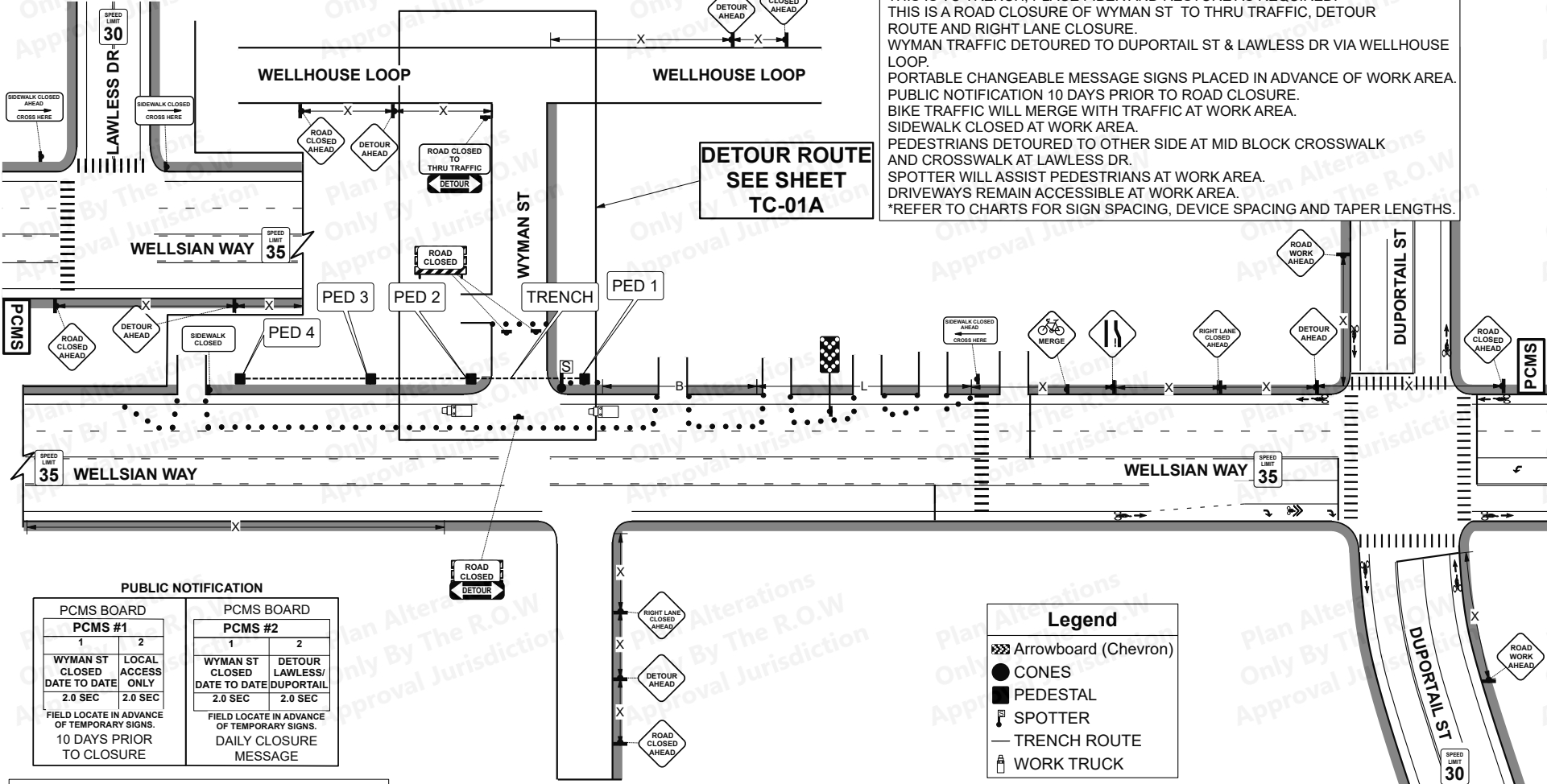
MERGING, SHIFTING, AND SHOULDER TAPER LENGTHS AND NUMBER OF CHANNELIZATION DEVICES USED (WASHINGTON STATE DEPARTMENT OF TRANSPORTATION) (ALL MINIMUMS)

LANE WIDTH	10 FEET			11 FEET			12 FEET			SHOULDER TAPERS ASSUMES 10' SHOULDER					
	L	T/2 L	R	L	T/2 L	R	L	T/2 L	R						
MPH	MERGING	DEVICES	SHIFTING	DEVICES	MERGING	DEVICES	SHIFTING	DEVICES	MERGING	DEVICES	SHIFTING	DEVICES	MPH	LENGTH	DEVICES
20	70	6	35	3	75	6	40	3	80	6	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	200	7

EXTRACTED FROM APPENDIX 1-1, OF THE WORK ZONE TRAFFIC CONTROL GUIDELINES-MS4-44, 2012)

**TC-01B  
WELLSIAN WAY @ WYMAN ST  
TRENCH / RESTORE  
ROAD CLOSURE / DETOUR ROUTE  
RIGHT LANE CLOSURE**

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**Legend**

- Arrowboard (Chevron)
- CONES
- PEDESTAL
- SPOTTER
- TRENCH ROUTE
- WORK TRUCK

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IN ANY FORM WITHOUT EXPRESS WRITTEN CONSENT FROM:  
DARLENE DURR, TCS #E52 000148, darlene.durr@hotmail.com**

Date: 3/27/2026 Author: Darlene Durr, Traffic Control Supervisor Project: P-094832  
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REFER TO CHARTS FOR DEVICE  
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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
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