



Author: Keith G Spaulding
Comments:
 Inland Co. Westside Highway
 Road Closure with Detour

All signs and devices SHALL conform to the MUTCD/WAC.
 Signs SHALL be 48" x 48" retro reflective (Black on Orange)
 Adjust sign spacing as field conditions require
 Plan not to scale

PERMIT # _____

Owner Inland Co.

Project/Job # _____

Project Name _____

Project Location Westside Highway & Quick Rd Castle Rock WA

Prime Contractor Inland Co.

Contact name / number Michael Fortin

Contact Email michaelafortin@comcast.net

TCP Prepared by United Traffic Control Services
 Keith Spaulding WA Cert # 012537 OR Cert # 05384
EXP 7/31/2024 EXP 11/30/2022

Email keith.utcs@gmail.com

Cell Phone (360) 521-5580

Date Completed 9/23/2020

Posted speed Sign Spacing (ft) +/-

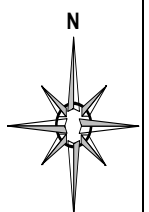
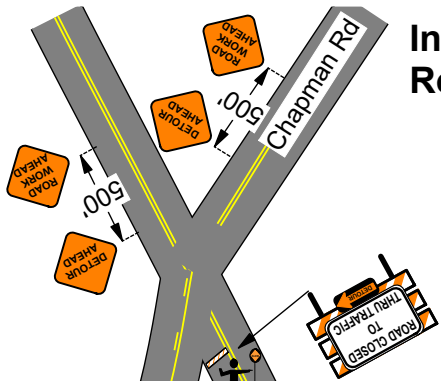
(MPH)	A	B	C
30 (or less)	100'	100'	100'
35-40	350'	350'	350'
45-55	500'	500'	500'

Stopping / Buffer Speed (MPH)	Sight Distance Spacing Distance (ft)
25	75
30	100
35	125
40	150
45	180
50	210
55	250

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

Inland Co. Westside Highway Road Closure with Detour



Legend

- Cone
- Work Area

DEVICE SPACING:
 TAPER: 20'
 TANGENT: 20'

Manifest	
8 x	Cone
3 x	detour ahead
3 x	road work ahead
2 x	Type III Road Closed To Thru Traffic
1 x	Detour Left
1 x	Detour Left Arrow
1 x	Detour Right
1 x	Detour Right Arrow

	Merging taper = L		
	Shifting taper = 1/2 L		
Lane Width	10'	11'	12'
20 mph	70'	75'	80'
25 mph	105'	115'	125'
30 mph	150'	165'	180'
35 mph	205'	225'	245'
40 mph	270'	295'	320'
45 mph	450'	495'	540'
50 mph	500'	550'	600'
55 mph	550'	605'	660'

Flaggers will be at either end and at the work zone to help residents get in/out safely.

