

## Nicole Clark x231

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**From:** Narramore, James <NarramJ@wsdot.wa.gov>  
**Sent:** Wednesday, March 28, 2018 8:36 AM  
**To:** Mike Hill x286  
**Subject:** RE: Franchise 30282C Hwy 101 MP 242.8 to 244.3 flagging

Mike,

As long as there is one lane open for traffic in each direction, work can be done during the day after 9:00 am. Due to high traffic volumes in the morning no work before 9:00 am.

I'm surprised there is not a high volume time restriction in the late afternoon/evening.

If the TCP's in the amendment don't fit all the areas where you plan to shift traffic, the PUD will need to submit plans for approval for these locations.

Hope this answers your question.

**From:** Mike Hill x286 <MikeH@clallampud.net>  
**Sent:** Wednesday, March 28, 2018 8:03 AM  
**To:** Narramore, James <NarramJ@wsdot.wa.gov>  
**Subject:** RE: Franchise 30282C Hwy 101 MP 242.8 to 244.3 flagging

Thank you

**From:** Narramore, James [<mailto:NarramJ@wsdot.wa.gov>]  
**Sent:** Wednesday, March 28, 2018 7:19 AM  
**To:** Mike Hill x286  
**Subject:** RE: Franchise 30282C Hwy 101 MP 242.8 to 244.3 flagging

Mike,

I sent this over to the Region Traffic Office to see about daytime work hours if one lane of traffic is open in each direction.

I'll let you know when I hear back.

**From:** Mike Hill x286 <[MikeH@clallampud.net](mailto:MikeH@clallampud.net)>  
**Sent:** Tuesday, March 27, 2018 10:48 AM  
**To:** Narramore, James <[NarramJ@wsdot.wa.gov](mailto:NarramJ@wsdot.wa.gov)>  
**Subject:** RE: Franchise 30282C Hwy 101 MP 242.8 to 244.3 flagging

Yes, in some places there are 3 lanes so we could just close one lane. In other places where there are wide enough shoulders we would like to use the shoulder up to the fog line.

**From:** Narramore, James [<mailto:NarramJ@wsdot.wa.gov>]  
**Sent:** Tuesday, March 27, 2018 10:44 AM

**To:** Mike Hill x286

**Subject:** RE: Franchise 30282C Hwy 101 MP 242.8 to 244.3 flagging

You are looking for any daytime hours for shifting traffic from about MP 242.96 to MP 243.36 using TCP 12?

SIGN SPACING = X (FEET) (1)			
RURAL HIGHWAYS	6000 MPH	800+	
RURAL ROADS	4665 MPH	500+	
RURAL ROADS & URBAN ARTERIALS	3640 MPH	300+	
RURAL ROADS, URBAN ARTERIALS	2620 MPH	200+	(2)
RESIDENTIAL & BUSINESS DISTRICTS	26 MPH OR LESS	100+	(2)
URBAN STREETS	26 MPH OR LESS	100+	(2)

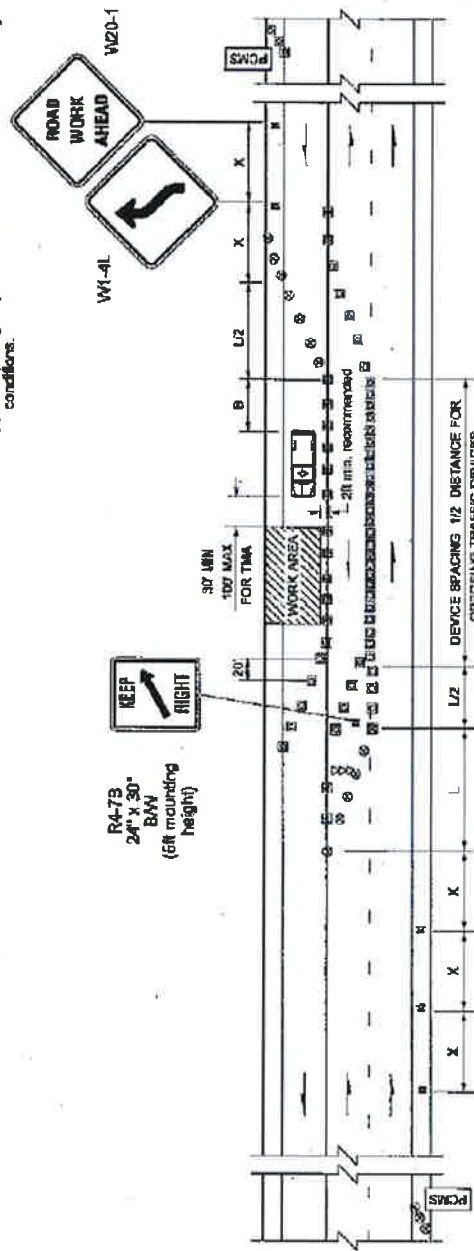
ALL SIGNS ARE 48" X 48" BLACK ON ORANGE UNLESS OTHERWISE DESIGNATED.

- (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.

Lane Width (feet)	MINIMUM TAPER LENGTH = L (feet)									
	25	30	35	40	45	50	55	60	66	70
10	108	150	208	270	480	600	580	-	-	-
11	118	166	226	286	495	610	590	-	-	-
12	128	180	245	305	510	620	600	720	-	-

BUFFER DATA	
LONGITUDINAL BUFFER SPACE = B	
SPEED (MPH)	25 30 35 40 45 50 55 60 65 70
LENGTH (feet)	165 200 250 300 425 480 570 - -

CHANNELIZING DEVICE SPACING (FEET)	
MPH	TANGENT
50 / 60	42
55 / 65	50
60 / 70	60
65 / 75	70
70 / 80	80



- LEGEND**
- SIGN LOCATION
  - ▢ ARROW BOARD
  - ⊙ TRAFFIC SAFETY DRUMS
  - ⊞ CHANNELIZING DEVICES
  - ⊠ PROTECTIVE VEHICLE - RECOMMENDED
  - ⊡ PORTABLE CHANGEABLE MESSAGE SIGN - RECOMMENDED
  - ⊞ PCMS
- NOTES**
- For long term projects, confining pavement markings no longer applicable must be removed or obliterated as soon as practicable. Temporary markings shall be used as necessary and signs shall be post mounted.
  - For speed limits of 30 mph or less, use sign W1-3 in lieu of sign W1-4.
  - Extend device taper across shoulder when 8 ft or wider.
  - PCMS recommended.
  - Traffic safety drums required in lane closure tapers on roadways 45 mph or higher.
  - Protective vehicles required on roadways 45 mph or higher - may be a work vehicle placed strategically to shield work area.

(SAMPLE MESSAGE)

PCMS	1	2
1	LANE CLOSED AHEAD	1 MILE AHEAD
2	2.0 SEC	1.0 SEC

FIELD LOCATE 1 MILE ± 100  
ADVANCE OF LANE CLOSURE TAPER

TYPICAL LANE SHIFT - THREE LANE ROADWAY  
TCP 12

TCP 12 Typical Lane Shift – Three Lane Roadway

101 Dec 2016: SRMP 242.97 / ARM 242.25





**From:** Mike Hill x286 <[MikeH@clallampud.net](mailto:MikeH@clallampud.net)>  
**Sent:** Tuesday, March 27, 2018 9:59 AM  
**To:** Narramore, James <[NarramJ@wsdot.wa.gov](mailto:NarramJ@wsdot.wa.gov)>  
**Subject:** Franchise 30282C Hwy 101 MP 242.8 to 244.3 flagging

Jim, I was looking over the Franchise requirements for our next transmission job that we plan to put out to bid soon for summer/fall work. There are a fair amount of poles that will require a lane shift. The franchise says that we must adhere to these hours unless approved otherwise. We would like to get permission to perform work during the daylight for safety, inspection and cost concerns. In the past I believe we have been able to perform a lane shift during the day. I spoke with Guy Weir, a maintenance supervisor for WSDOT from port angeles and he didn't think it would be a problem. He was going to talk with someone from Olympia and get back to me but he hasn't and his voicemail is full.

We need something definitive to tell the prospective bidders on this project.

This is what the franchise says regarding lane shifts:

SPECIAL PROVISIONS FOR PERMITS AND FRANCHISES (Continued)

Franchise No. 30282C Amend # 21

34. Work within the state-owned highway right of way requiring the use of the traffic control plans marked Exhibit "D", Pages 1 through 3 shall be restricted to the days of the week and hours listed below unless otherwise approved or directed by the Department representative.

Sunday 10:00 PM to Monday 5:00 AM  
Monday 10:00 PM to Tuesday 5:00 AM  
Tuesday 10:00 PM to Wednesday 5:00 AM  
Wednesday 10:00 PM to Thursday 5:00 AM  
Thursday 10:00 PM to Friday 5:00 AM

Work within the state-owned highway right of way requiring the use of the traffic control plan marked Exhibit "D", Page 4 shall be restricted to the days of the week and hours listed below unless otherwise approved or directed by the Department representative.

Sunday 11:00 PM to Monday 4:00 AM  
Monday 11:00 PM to Tuesday 4:00 AM  
Tuesday 11:00 PM to Wednesday 4:00 AM  
Wednesday 11:00 PM to Thursday 4:00 AM  
Thursday 11:00 PM to Friday 4:00 AM

Work within the state-owned highway right of way requiring the use of the traffic control plans marked Exhibit "D", Page 5 shall be restricted to between the hours of 8:00 AM to 4:30 PM, Monday through Friday unless otherwise approved or directed by the Department representative.

No work shall be allowed on Friday after 4:30 PM, Saturday, Sunday before 10:00 PM, or holidays. In addition, the Utility shall be off the highway by noon the day prior to the holiday unless authorized by the Department. If a holiday falls on a Saturday, the preceding Friday is counted as a holiday, and the Utility shall be off the highway by noon Thursday. When the holiday falls on Monday, the Utility shall be off the right of way by noon on the preceding Friday. Nothing in this section shall limit the authority of the Department to further restrict work within state-owned highway right of way at the Department's discretion. The hours of closure are subject to change if unanticipated circumstances occur.