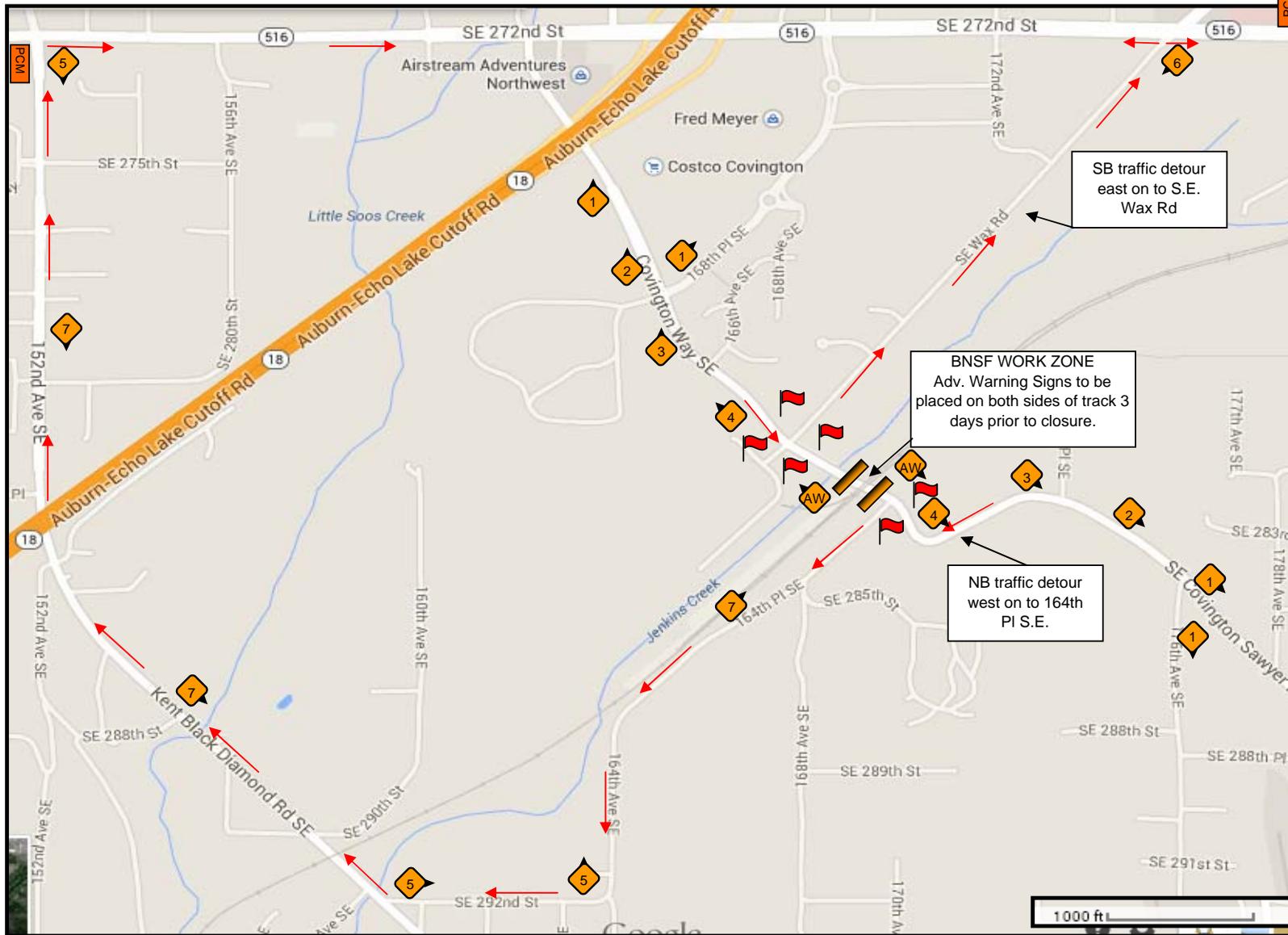


TC PLAN #1: BNSF ROAD CLOSURE AT RR CROSSING - COVINGTON WY S.E., COVINGTON, WA
WORK TO BE PERFORMED BY BNSF AT RR CROSSING BEGINNING 6/20/14 FROM 5:00 A.M. TO 7:00 P.M.



NOTES:
 BNSF will be rehabilitating the RR crossing at Covington Wy S.E. (betw. S.E. Wax Rd and 164th Pl. S.E.) SB traffic will be detoured east along S.E. Wax Rd. Northbound traffic will be detoured west along 164th Pl. S.E. PCMS Boards to be placed on S.E. 272nd St. during the road closure to warn motorists of the closure. Advanced Warning Signs will be placed 3 days prior to closure on both sides of the railroad crossing. Flaggers will be on site to assist motorist during the closure & keep the intersection clear of congestion. All signs to be MUTCD compliant.



**Covington Wy
 CLOSED AT
 RR XING
 6/20 5 A.M.
 TO
 6/20 7 P.M.**

SIGN LEGEND		
1	ROAD CLOSED AHEAD	W20-3
2	DETOUR AHEAD	W20-2
3	FLAGGER	W20-7A
4	DETOUR LEFT	M4-9L
5	DETOUR RIGHT	M4-9R
6	DETOUR RIGHT/LEFT	M4-9R/L
7	DETOUR STRAIGHT	M4-9S
	ADVANCED WARNING SIGN	AWS
	TYPE III BARR W/ RD CLS	

BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
POSTED SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (FT.)	155	200	250	305	360	425	495	570	645	730
PROTECTIVE VEHICLE WITH TMA ROLL AHEAD DISTANCE										
TYPICAL PROTECTIVE VEHICLE TYPE WITH TMA	TYPICAL PROTECTIVE VEHICLE (WITH TMA) LOADED WEIGHT (LBS)	STATIONARY OPERATION (FT.)								
4 YARD DUMP TRUCK SERVICE TRUCK (FLAT BED, ECT)	MINIMUM WEIGHT 15,000 LBS. (MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH MANUFACTURER RECOMMENDATION)	30' MIN 100' MAX								
ROLL AHEAD STOPPING DISTANCE ASSUMES DRY PAVEMENT										
*A PROTECTIVE VEHICLE IS RECOMMENDED REGARDLESS IF A TMA IS AVAILABLE. IF NO TMA IS USED, THE PROTECTIVE VEHICLE SHALL BE STRATEGICALLY LOCATED IN THE FIELD TO SHIELD WORKERS AND NO ROLL AHEAD DISTANCE IS SPECIFIED.										

SIGN SPACING = X(1)		
Freeways & Expressways	55 / 70 MPH	1500' +/-
RURAL HIGHWAYS	60 / 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)
ALL SIGNS ARE BLACK ON ORANGE UNLESS DESIGNATED OTHERWISE		
(1) ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE AT-GRADE INTERSECTIONS, AND DRIVEWAYS.		
(2) THIS SIGN SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.		

Dated: 6/17/14
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MINIMUM TAPER LENGTH = L (FEET)										
LANE WIDTH (FEET)	POSTED SPEED (MPH)									
	25	30	35	40	45	50	55	60	65	70
10	105	150	205	270	450	500	550	-	-	-
11	115	165	225	294	495	550	605	660	-	-
12	125	180	245	320	540	600	660	720	780	840

CHANNELIZING DEVICE SPACING		
POSTED SPEED (MPH)	IN TAPER (FEET)	IN TANGENT (FEET)
50 / 70	40	80
35 / 45	30	60
25 / 30	20	40