

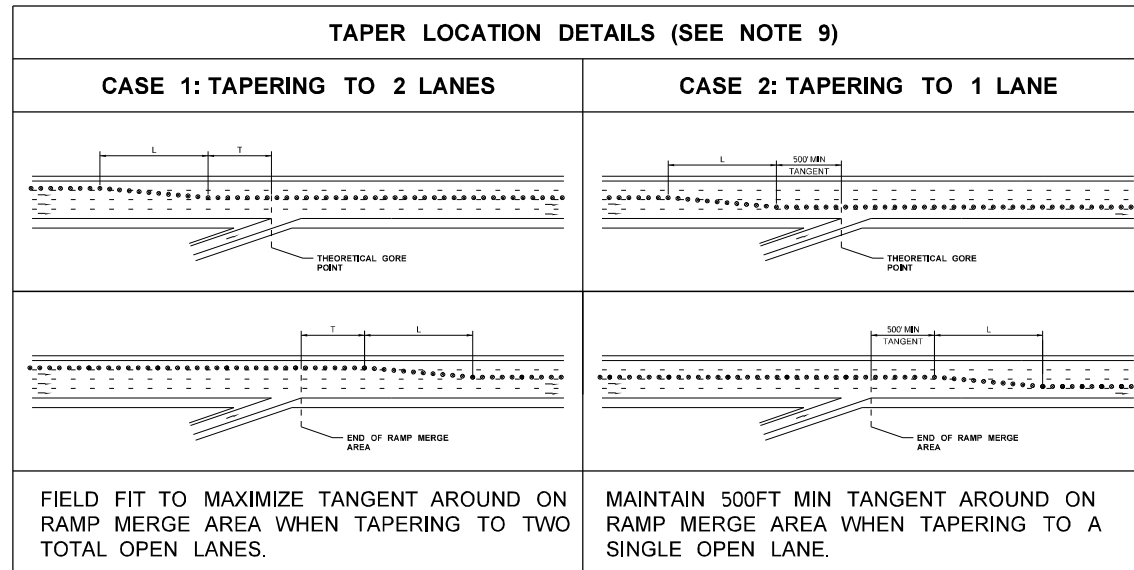
ATKINSON
Oct 28 2025
RELEASED FOR CONSTRUCTION

MINIMUM LANE CLOSURE 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	295	495	550	605	660	-	-
12	125	180	245	540	540	600	660	720	780	840

MINIMUM SHOULDER TAPER LENGTH = L/3 (feet)										
SHOULDER WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
8'	40	40	60	90	120	130	150	160	170	190
10'	40	60	90	90	150	170	190	200	220	240

USE A 3 DEVICES TAPER FOR SHOULDERS LESS THEN 8'

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 9,900 TO 22,000 lbs.					HOST VEHICLE WEIGHT > 22,000 lbs.					
< 45 MPH	45-55 MPH	> 55 MPH	< 45 MPH	45-55 MPH	> 55 MPH					
100'	123'	172'	74'	100'	150'					
PROTECTIVE VEHICLE (WORK VEHICLE) = R										
NO SPECIFIED DISTANCE REQUIRED										

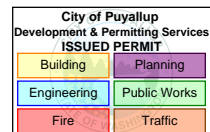


CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/70	40	80
35/45	30	60
25/30	20	40

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)

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

- NOTES:
- SEE RFP SECTION 2.22.4.3 FOR ALLOWABLE WORK HOURS.
 - ALL SIGNS SHALL BE 48" X 48", UNLESS OTHERWISE SHOWN. ALL SIGNS SHALL BE BLACK ON ORANGE, UNLESS OTHERWISE SHOWN.
 - EXTEND CHANNELIZING DEVICE TAPER ACROSS SHOULDER.
 - PCMS SHALL HAVE 4' CLEARANCE TO TRAVELED WAY. PCMS SHALL NOT BE PLACED IN GORE.
 - NO ENCROACHMENT ON TRAVELED LANE. IF ENCROACHMENT IS NECESSARY, LANE SHALL BE CLOSED USING AN APPROVED PLAN.
 - USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 500'.
 - DOWNSTREAM TAPER OPTIONAL ACROSS RIGHT AND/OR LEFT LANE. DOWNSTREAM TAPER DEVICE SPACING IS 20'.
 - WHERE ADVANCE SIGNING EXTENDS BEYOND AN ON-RAMP, SIGNAGE SHALL BE PROVIDED ON THE ON-RAMP IN ADDITION TO MAINLINE SR167, SR410, & SR512.
 - WHEN A LANE CLOSURE TAPER IS IN THE VICINITY OF AN ON RAMP FROM THE OPPOSITE SIDE OF THE HIGHWAY SEE THE TAPER LOCATION DETAILS TABLE ON THIS SHEET.
 - IF FEASIBLE, AVOID PLACING LANE CLOSURE OR LANE SHIFT TAPERS WITHIN OR IMMEDIATELY FOLLOWING HORIZONTAL CURVES.
 - TRANSPORTABLE ATTENUATORS MAY BE OMITTED WHEN NOT PROTECTING ACTIVE WORK AREA.
 - CONTRACTOR SHALL MAINTAIN PEDESTRIAN AND BICYCLE ACCESS DURING CONSTRUCTION AS REQUIRED IN SECTION 2.22.4.4.5 OF THE RFP.
 - THESE PLANS ARE NOT TO BE USED UNTIL ALL NECESSARY PERMITS HAVE BEEN APPROVED BY THE CITY OF PUYALLUP.
 - IN AREAS WITH TWO LANE CONFIGURATIONS, SIGNAGE IS PREFERRED TO BE SHOWN ON BOTH SIDES OF ROADWAY WHERE FEASIBLE.
 - ALL TCPS AND WORK SHALL COMPLY WITH THE CURRENT WSDOT MOT AGREEMENT FOR THIS PROJECT.
 - CONSECUTIVE ON AND OFF-RAMPS MAY NOT BE CLOSED CONCURRENTLY UNLESS APPROVED BY THE WSDOT ENGINEER.



At least 72-hour advanced notice to the City is required prior to setting up traffic control and starting work. First, notify City Inspector, Michael Rosenau, at 253-344-6753. Upon scheduling an agreeable start date with Michael, notify the City's Public Works Streets Supervisor, Scott Hill at 253-841-5409 and Public Affairs Officer, Eric Johnson, by emailing him the road closure dates and times at EJohnson@puyallupwa.gov and by calling him at 253-344-6269.

The City of Puyallup does not authorize or permit work or traffic control in the Washington State Department of Transportation's right-of-way.

No disruption of signal timing allowed at signalized intersection unless the traffic control plan depicts a uniformed police officer at the intersection or until authorized by a City of Puyallup or WSDOT official.

On or before the Wednesday prior to work commencement or traffic control, the applicant shall notify the WSDOT Area 1 Maintenance office of work on a state route (SR) at (360) 357-2600 or at orfeedback@wsdot.wa.gov. The applicant shall complete the Traffic Management Center (TMC) requirements.

Puyallup construction restriction zones and routes shall be in effect during special events in downtown Puyallup or at the Washington State Fair. No work is allowed in the public right-of-way as defined by the Puyallup "Construction Restriction Zone & Routes Map."

LEGEND	
⊠	SIGN LOCATION - TEMPORARY MOUNT (CLASS "B")
⊠	SIGN LOCATION - TEMPORARY MOUNT (CLASS "B") 5' MOUNTING HEIGHT
⊗	TRAFFIC SAFETY DRUMS
///	TYPE 3 BARRICADE
→	TRAVEL DIRECTION OF OPEN LANE
⊠	TRANSPORTABLE ATTENUATOR
▨	WORK AREA

FILE NAME	c:\pw_workdir\jacobs-americas\0247120XE3476_PS_TCD00.dgn			REGION NO.	STATE	FED.AID PROJ.NO.			SR 167 SR 161 TO SR 410 REBUILD INTERCHANGE	PLAN REF NO
TIME	9:32:22 AM			10	WASH	0167(059)				TCD00
DATE	10/22/2025			JOB NUMBER						SHEET
PLOTTED BY	graham.robinson			CONTRACT NO.						OF
DESIGNED BY	G. ROBINSON			LOCATION NO.						SHEETS
ENTERED BY	G. ROBINSON			REV 2 - RFI0020	10/24/25					
CHECKED BY	R. MILLER			REV 1 - RELEASED FOR CONSTRUCTION	05/15/25					
PROJ. ENGR.	T. SLIMAK			REV 0 - RELEASED FOR CONSTRUCTION	04/11/25					
REGIONAL ADM.	S. ROARK			REV A - PRELIMINARY REVIEW	02/24/25					
				REVISION	DATE	BY				

**NIGHT WORK REQUIRED.
ROAD WORK ALLOWED:**
Sunday - Saturday
9PM - 5AM

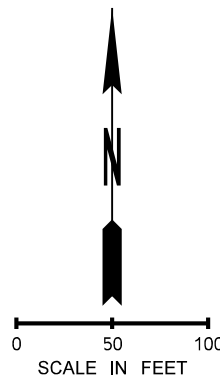
Call communications center at 253-287-4456 on night of work. Request a job start inspection through the CityView portal and leave a message for the inspectors by calling 253-435-3650 at least 48 hours in advance of job start.

The applicant shall notify all residents and businesses within 300 feet of the work area 48 hours in advance of start date by distributing informational door hangers, displaying work on message boards, or on signs posted visibly along the right-of-way. The City-issued permit packet shall be posted at the job site and available to inspectors at all times.

If the work zone includes grooved pavement, abrupt lane edges, steel plates, or gravel or earth surfaces, there must be signs stating the condition, and warning motorcyclists of the potential hazard with a **MOTORCYCLES USE EXTREME CAUTION** sign.

Portable changeable message signs shall be posted at least 72 hours in advance of work start date notifying travelers of impending road work and traffic impacts.

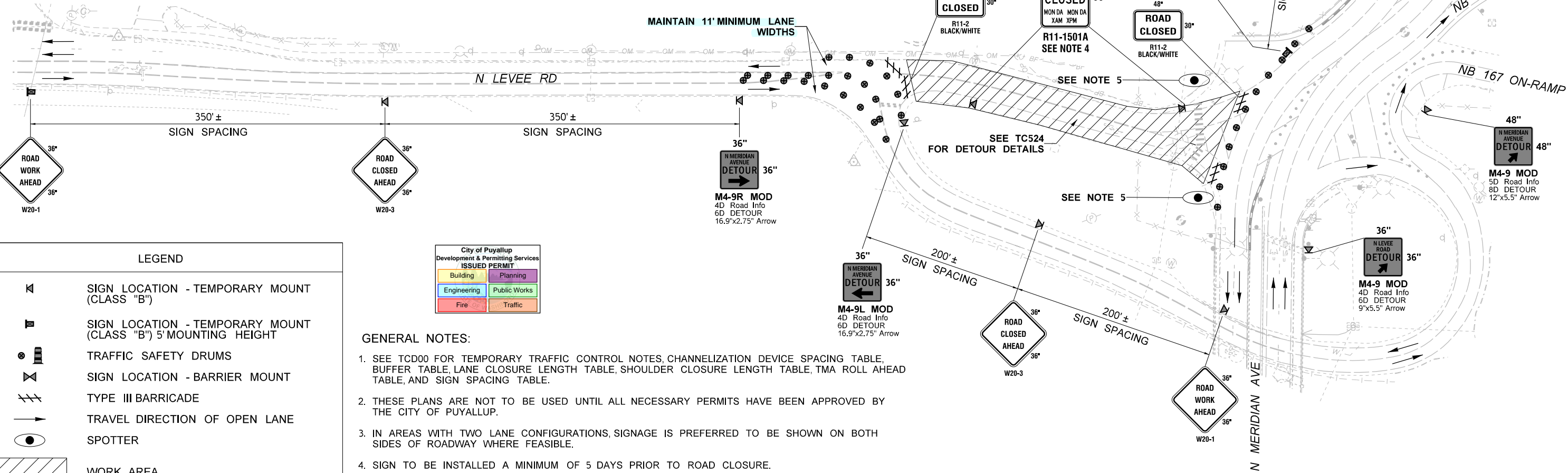
The applicant shall coordinate redundant traffic control devices with other traffic control plans authorized near this site.



LOCAL ROAD CLOSURE		
ALLOWABLE CLOSURE HOURS	FRI. NIGHT TO MON. MORNING	
	FROM	TO
NORTH LEVEE ROAD	21:00	04:00

When shifting traffic into a turn lane, use of double cones is required. Traffic device spacing shall be half distance for opposing traffic devices.

Work shall immediately cease in the work zone for a pedestrian spotter, available at all times, to escort pedestrians around the work area.



LEGEND

- ▲ SIGN LOCATION - TEMPORARY MOUNT (CLASS "B")
- ▲ SIGN LOCATION - TEMPORARY MOUNT (CLASS "B") 5' MOUNTING HEIGHT
- TRAFFIC SAFETY DRUMS
- ⊗ SIGN LOCATION - BARRIER MOUNT
- ⚡ TYPE III BARRICADE
- TRAVEL DIRECTION OF OPEN LANE
- SPOTTER
- ▨ WORK AREA

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

GENERAL NOTES:

- SEE TCD00 FOR TEMPORARY TRAFFIC CONTROL NOTES, CHANNELIZATION DEVICE SPACING TABLE, BUFFER TABLE, LANE CLOSURE LENGTH TABLE, SHOULDER CLOSURE LENGTH TABLE, TMA ROLL AHEAD TABLE, AND SIGN SPACING TABLE.
- THESE PLANS ARE NOT TO BE USED UNTIL ALL NECESSARY PERMITS HAVE BEEN APPROVED BY THE CITY OF PUYALLUP.
- IN AREAS WITH TWO LANE CONFIGURATIONS, SIGNAGE IS PREFERRED TO BE SHOWN ON BOTH SIDES OF ROADWAY WHERE FEASIBLE.
- SIGN TO BE INSTALLED A MINIMUM OF 5 DAYS PRIOR TO ROAD CLOSURE.
- CONTRACTOR SHALL ESCORT PEDESTRIANS SAFELY THROUGH THE WORK AREA DURING CLOSURE.

FILE NAME	c:\pw_workdir\jacobs-amer\cas\d0247120XE3476_PS_TC104.dgn		
TIME	9:36:20 AM		
DATE	5/22/2026		
PLOTTED BY	graham.robinson		
DESIGNED BY	N. KLAUSNER		
ENTERED BY	N. KLAUSNER		
CHECKED BY	R. MILLER		
PROJ. ENGR.	T. SLIMAK		
REGIONAL ADM.	S. ROARK		
REVISION	DATE	BY	
REV 0 - RELEASED FOR CONSTRUCTION	05/22/26		
REV A - PRELIMINARY REVIEW	05/05/26		

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	0167(059)
JOB NUMBER		
CONTRACT NO.	LOCATION NO.	
XE3476		

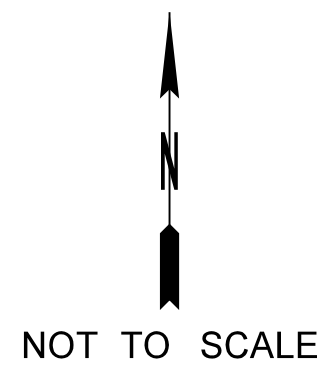


SR 167
SR 161 TO SR 410
REBUILD INTERCHANGE

LEVEE RD FULL CLOSURE
AT N MERIDIAN AVE

PLAN REF NO
TC104

SHEET
OF
SHEETS



SIGN LEGEND (THIS SHEET ONLY):

 36" N LEVEE ROAD DETOUR 36" M4-9 MOD 4D Road Info 6D DETOUR 9"x5.5" Arrow 1	 36" N LEVEE ROAD DETOUR 36" M4-9L MOD 4D Road Info 6D DETOUR 16.9"x2.75" Arrow 2	 36" N LEVEE ROAD DETOUR 36" M4-9R MOD 4D Road Info 6D DETOUR 16.9"x2.75" Arrow 3	 36" N LEVEE ROAD DETOUR 36" M4-9 MOD 4D Road Info 6D DETOUR 9"x5.5" Arrow 4
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PCMS #1	
1	2
N LEVEE CLOSED AHEAD	OVERSIZE USE VALLEY
2.0 SEC	2.0 SEC

FIELD LOCATE AS SHOWN

PCMS #2	
1	2
N LEVEE CLOSED AHEAD	OVERSIZE USE 70TH
2.0 SEC	2.0 SEC

FIELD LOCATE AS SHOWN

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

SIGN LEGEND (THIS SHEET ONLY):

 36" N MERIDIAN AVENUE DETOUR 36" M4-9L MOD 4D Road Info 6D DETOUR 16.9"x2.75" Arrow 5	 36" N MERIDIAN AVENUE DETOUR 36" M4-9R MOD 4D Road Info 6D DETOUR 16.9"x2.75" Arrow 6	 36" N MERIDIAN AVENUE DETOUR 36" M4-9 MOD 4D Road Info 6D DETOUR 9"x5.5" Arrow 7	 48" N MERIDIAN AVENUE DETOUR 48" M4-9 MOD 5D Road Info 8D DETOUR 12"x5.5" Arrow 8
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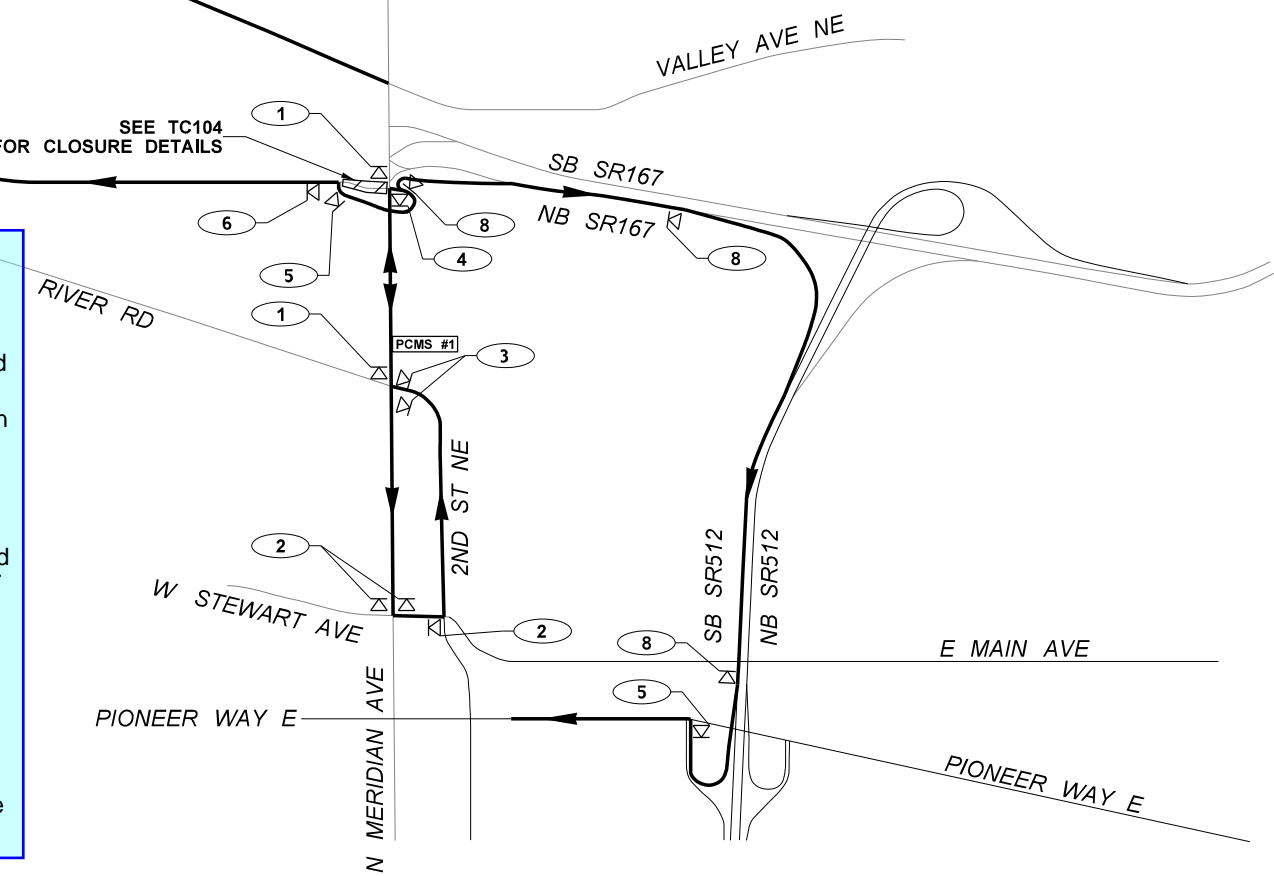
In accordance with the Maintenance of Transportation, if two or more ramps within the Project limits are planned to be closed concurrently, and the closed ramps have overlapping detours, the Design-BUILDER shall conduct an analysis of the detour routes in accordance with Section 2.21, *Traffic Operations*, and submit it to the WSDOT Engineer. If overlapping detours are determined to be unacceptable by the WSDOT Engineer, then only one ramp closure will be allowed. Closure durations shall be reduced based on the results of this analysis. Consecutive ramp closures will not be allowed, except where specifically allowed in this Section or with prior written approval by the WSDOT Engineer.

- GENERAL NOTES:**
- SEE TCD00 FOR TEMPORARY TRAFFIC CONTROL NOTES, CHANNELIZATION DEVICE SPACING TABLE, BUFFER TABLE, LANE CLOSURE LENGTH TABLE, SHOULDER CLOSURE LENGTH TABLE, TMA ROLL AHEAD TABLE, AND SIGN SPACING TABLE.
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LEGEND

	SIGN LOCATION - TEMPORARY MOUNT (CLASS "B")
	TRAVEL DIRECTION OF DETOUR
	PORTABLE CHANGEABLE MESSAGE SIGN
	WORK AREA

SEE TC104 FOR CLOSURE DETAILS



FILE NAME	c:\pw_workdir\jacobs-americas\0247120\XE3476_PS_TC524.dgn			REGION NO.	STATE	FED.AID PROJ.NO.			SR 167 SR 161 TO SR 410 REBUILD INTERCHANGE	PLAN REF NO
TIME	9:44:38 AM			10	WASH	0167(059)				TC524
DATE	5/22/2026			JOB NUMBER					SHEET	
PLOTTED BY	graham.roblnson			CONTRACT NO.					OF	
DESIGNED BY	N. KLAUSNER			LOCATION NO.					SHEETS	
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	REV 0 - RELEASED FOR CONSTRUCTION	05/22/26								
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	REVISION	DATE	BY							

ATKINSON / Jacobs

DETOUR ROUTE - LEVEE RD FULL CLOSURE AT N MERIDIAN AVE