

TRAFFIC CONTROL PLAN GENERAL NOTES

1. ALL WORK AND MATERIALS SHALL COMPLY WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND WASHINGTON MODIFICATIONS, LATEST EDITION.
2. ALL STRIPING AND MARKINGS SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND WASHINGTON MODIFICATIONS,,STANDARD PLANS AND SPECIFICATIONS.
3. THE CONTRACTOR SHALL PROVIDE FOR ACCESS TO ALL ADJACENT PROPERTIES, AND DRIVEWAYS AT ALL TIME.
4. FLASHING YELLOW BEACONS, TYPE "B", SHALL BE USED ON ALL W20-1 SIGNS AND ON ALL TYPE III BARRICADES GUARDING THE WORK AREA OVERNIGHT.
5. ALL SIGNS SHALL BE REFLECTORIZED AND STANDARD SIZE.
6. ALL TUBULAR DELINEATORS AND CONES SHALL BE 28" MINIMUM HEIGHT, REFLECTORIZED AND MAINTAINED ERECT IN THE INDICATED POSITION AT ALL TIMES, AND SHALL BE REPAIRED, REPLACED, OR CLEANED AS NECESSARY TO PRESERVE THEIR APPEARANCE AND CONTINUITY, AND SHALL INCLUDE A 12" HIGH-INTENSITY REFLECTORIZED SLEEVE, IF USED DURING NIGHT-TIME HOURS.
7. THE CONTRACTOR SHALL MAINTAIN, ON A CONTINUOUS BASIS, ALL SIGNS, DELINEATORS, BARRICADES, ETC., TO ENSURE PROPER FLOW AND SAFETY OF TRAFFIC DURING CONSTRUCTION.
8. THE CONTRACTOR SHALL HAVE ALL SIGNS, DELINEATORS, BARRICADES, ETC., PROPERLY INSTALLED PRIOR TO COMMENCING CONSTRUCTION.
9. CONSTRUCTION OPERATIONS SHALL BE CONDUCTED IN SUCH A MANNER AS TO CAUSE AS LITTLE INCONVENIENCE AS POSSIBLE TO ABUTTING PROPERTY OWNERS.
10. ADDITIONAL TRAFFIC CONTROLS, TRAFFIC SIGNS, OR BARRICADING MAY BE REQUIRED IN THE FIELD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PLACEMENT OF ANY ADDITIONAL DEVICES NECESSARY TO ASSURE SAFETY TO THE PUBLIC AT ALL TIMES DURING CONSTRUCTION.
11. EXACT LOCATION AND TYPE OF CONSTRUCTION SIGNS SHALL BE DIRECTED BY THE ENGINEER BASED UPON CONSTRUCTION CONDITIONS.
12. MOVE DELINEATORS AND/OR CONES TO SIDEWALK DURING NON-WORKING HOURS. REMOVE BARRICADES ETC. FROM TRAVEL LANE.
13. REMOVE OR TURN OFF SIGNS DURING NON-WORK HOURS.
14. ALL CONFLICTING LINES, EXISTING CURB PAINT, AND MARKINGS SHALL BE REMOVED BY WET SANDBLASTING OR OTHER APPROVED METHOD PRIOR TO INSTALLATION OF NEW/TEMPORARY STRIPING. ALL CONFLICTING RAISED PAVEMENT MARKERS SHALL BE REMOVED. PAVEMENT THAT IS DAMAGED DUE TO REMOVAL OF MARKERS SHALL BE REPAIRED TO THE SATISFACTION OF THE CITY ENGINEER AND/OR STATE INSPECTOR.

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

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City of Puyallup Development & Permitting Services ISSUED PERMIT	
Building	Planning
Engineering	Public Works
Fire	Traffic

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'				

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	320	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 MINIMUM 3 DEVICES TAPER FOR SHOULDER LESS THEN 8'.

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 RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS.		
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.		



SCALE: N.T.S.

ADDRESS: 3024 S MERIDIAN

CITY/STATE: PUYALLUP/WA

ZIP: 98373

COUNTY: PIERCE

PR NO. PR-555123

DATE: 09/07/23

PROJECT: AMO

PROJECT: N.950049

SHEET: TCP COVER SHEET

REVISION: 0

CHC ENGINEER: HARSHIT SHARMA

PHONE: 949.250.0004

EMAIL: TCP@CHCCONSULTING.COM

LUMEN ENGINEER: ZACHARY THATCHER

PHONE: 253-797-4657

2024 S MERIDIAN
21ST AVE. SW AND S MERIDIAN
-MH #177 ACCESS
WORK AREA 1 OF 4

PRFUP20231663

Closure Allowed
Monday - Thursday
9 AM - 2 PM
Call Communications Center
At (253) 287-4456
On Day Of Closure

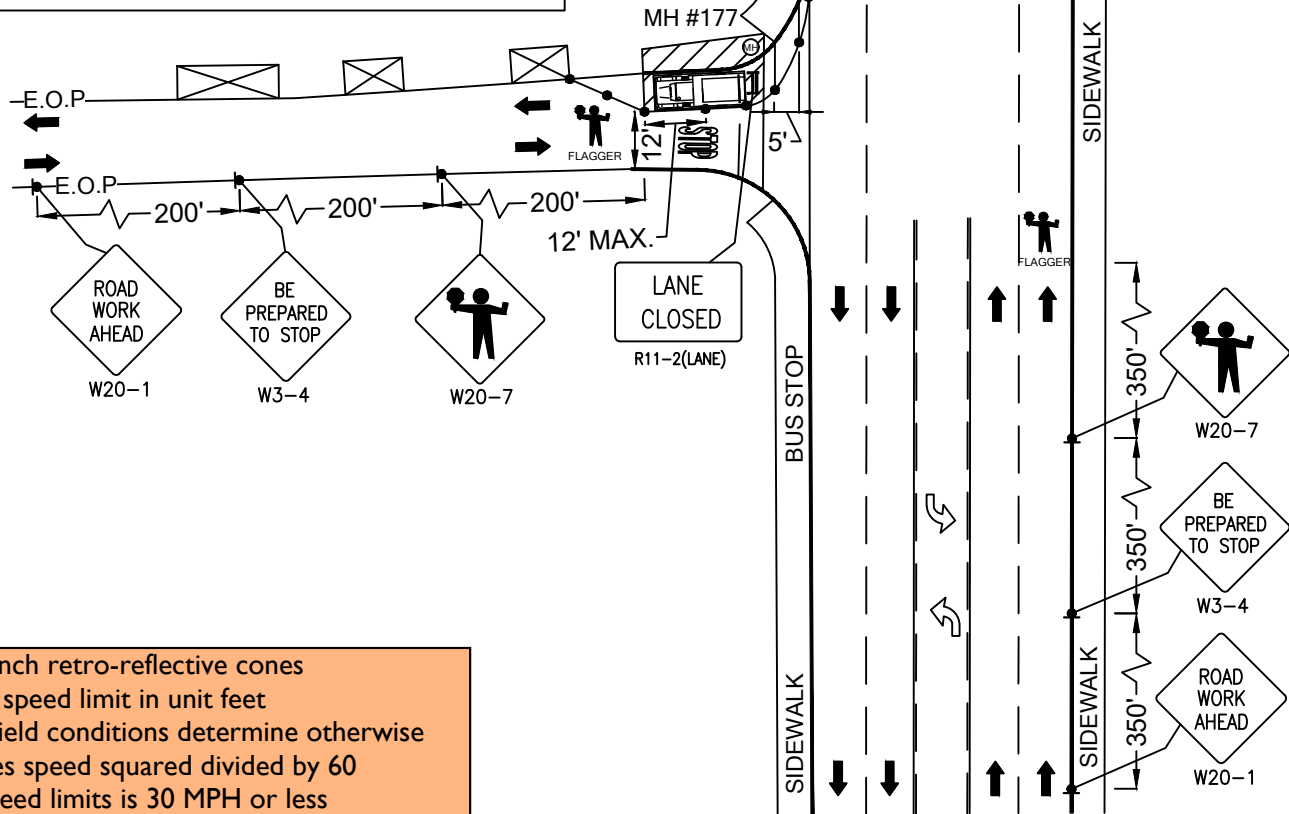
CONTACT PROPERTY OWNER(S) 72
HOURS PRIOR TO START OF WORK.

ACCESS TO DRIVEWAYS MUST BE
MAINTAINED AT ALL TIMES.

FLAGGERS SHALL REMAIN IN
COMMUNICATION VIA RADIO AT
ALL TIMES.

PEDESTRIAN TRAFFIC MUST BE MAINTAINED WITH
A MINIMUM OF 5' CLEARANCE WITHIN CROSSWALK

21ST AVE.
SW



Traffic control devices shall be 28 inch retro-reflective cones
Distance between cones equals speed limit in unit feet
Distance between signs is mandatory unless field conditions determine otherwise
Taper length equals width of offset times speed squared divided by 60
Sign spacing shall be 100 feet when speed limits is 30 MPH or less
Sign spacing shall be 350 feet when speed limit is greater than 30 MPH

S MERIDIAN



S MERIDIAN



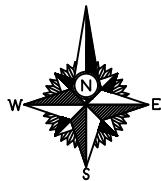
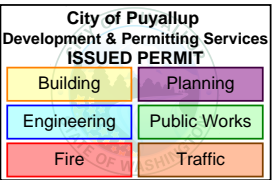
- LEGEND
- PORTABLE FLASHING BEACON (P.F.B.)
 - TYPE III BARRICADE W/SIGN
 - TYPE II BARRICADE W/SIGN
 - CHANNELIZING DEVICE
 - TRAFFIC CONE WITH CLIP ON SIGN
 - TYPE I W/ SIGN
 - EXISTING SIGN
 - SIGNALIZED INTERSECTION
 - FLASHING ARROW BOARD
 - HIGH LEVEL WARNING DEVICE (FLAGTREE)
 - FLAGGER
 - TANSAT
 - TOW AWAY NO STOPPING ANY TIME
 - EXISTING DRIVEWAY
 - WORK ZONE (ACTIVITY AREA) LIMITS
 - DIRECTION OF TRAFFIC (NOT PAVEMENT MARKING)

The applicant shall notify property
owner(s) of blocked driveway(s)
at least 24 hours in advance.

The applicant shall notify property
owner(s) of blocked driveway(s)
at least 24 hours in advance.

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

Flaggers shall remain in radio
contact at all times



SCALE: 1:40

ADDRESS: 2024 S MERIDIAN
CITY/STATE: PUYALLUP/WA
ZIP: 98373
COUNTY: PIERCE

PR NO. PR-555123

DATE: 09/07/23
PROJECT: AMO
PROJECT: N.950049

SHEET: TC-1 OF TC-4
REVISION: 0

CHC ENGINEER: HARSHIT SHARMA
PHONE: 949.250.0004
EMAIL: TCP@CHCCONSULTING.COM



LUMEN ENGINEER: ZACHARY THATCHER
PHONE: 253-797-4657



2221 S MERIDIAN
S MERIDIAN AND 23RD AVE. SE
-MH #178 ACCESS
WORK AREA 2 OF 4

PRFUP20231663

Closure Allowed
Monday - Thursday
10 AM - 2 PM
Call Communications Center
At (253) 287-4456
On Day Of Closure

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

LEGEND

PORTABLE FLASHING BEACON (P.F.B.)

TYPE III BARRICADE W/SIGN

TYPE II BARRICADE W/SIGN

CHANNELIZING DEVICE

TRAFFIC CONE WITH CLIP ON SIGN

TYPE I W/ SIGN

EXISTING SIGN

SIGNALIZED INTERSECTION

FLASHING ARROW BOARD

HIGH LEVEL WARNING DEVICE (FLAGTREE)

FLAGGER

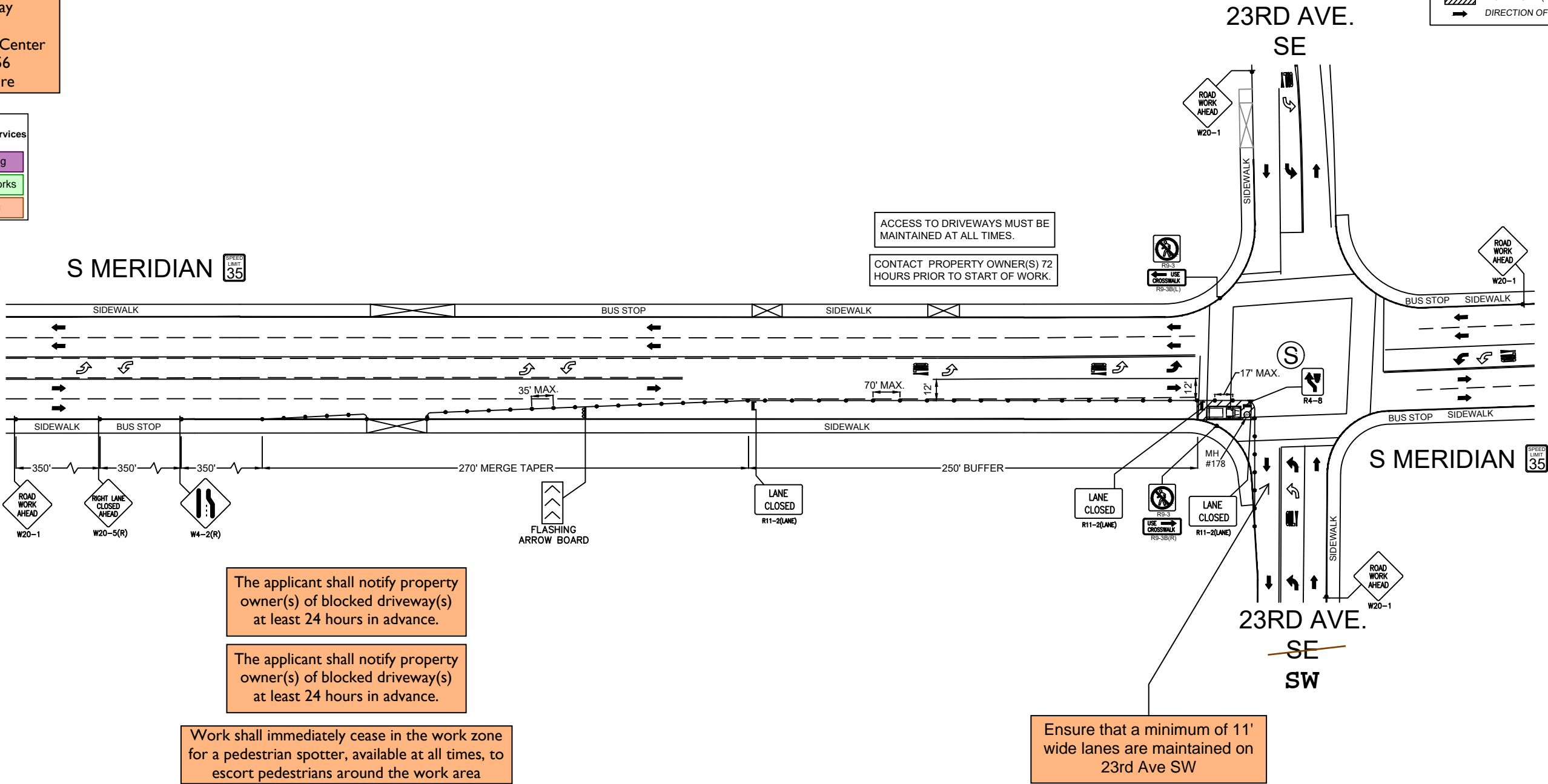
TANSAT

TOW AWAY NO STOPPING ANY TIME

EXISTING DRIVEWAY

WORK ZONE (ACTIVITY AREA) LIMITS

DIRECTION OF TRAFFIC (NOT PAVEMENT MARKING)



	ADDRESS: <u>2221 S MERIDIAN</u>	DATE: <u>09/07/23</u>	CHC ENGINEER: <u>HARSHIT SHARMA</u>	LUMEN ENGINEER: <u>ZACHARY THATCHER</u>
	CITY/STATE: <u>PUYALLUP/WA</u>	PROJECT: <u>AMO</u>	PHONE: <u>949.250.0004</u>	PHONE: <u>253-797-4657</u>
	ZIP: <u>98373</u>	PROJECT: <u>N.950049</u>	EMAIL: <u>TCP@CHCCONSULTING.COM</u>	
	COUNTY: <u>PIERCE</u>			
SCALE: 1:60	PR NO. <u>PR-555123</u>	SHEET: <u>TC-2</u> OF <u>TC-4</u>		
		REVISION: <u>0</u>		

2712 S MERIDIAN
S MERIDIAN AND 27TH AVE. SE
-MH #257 ACCESS
WORK AREA 3 OF 4

PRFUP20231663

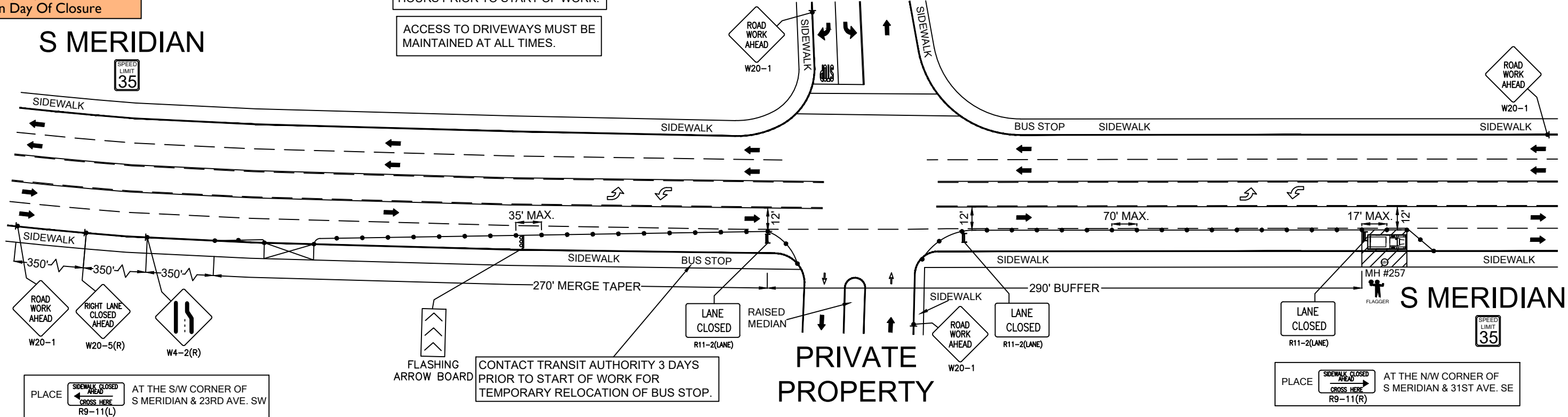
Closure Allowed
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At (253) 287-4456
On Day Of Closure

CONTACT PROPERTY OWNER(S) 72
HOURS PRIOR TO START OF WORK.

ACCESS TO DRIVEWAYS MUST BE
MAINTAINED AT ALL TIMES.

27TH AVE. SE

S MERIDIAN



- LEGEND
- PORTABLE FLASHING BEACON (P.F.B.)
 - TYPE III BARRICADE W/SIGN
 - TYPE II BARRICADE W/SIGN
 - CHANNELIZING DEVICE
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 - EXISTING DRIVEWAY
 - WORK ZONE (ACTIVITY AREA) LIMITS
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PLACE AT THE S/W CORNER OF
S MERIDIAN & 23RD AVE. SW
R9-11(L)

PLACE AT THE N/W CORNER OF
S MERIDIAN & 31ST AVE. SE
R9-11(R)

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for a pedestrian spotter, available at all times, to
escort pedestrians around the work area

FLAGGER TO ASSIST PEDESTRIANS
THROUGH WORK AREA
(SEE PED NOTES)

PEDESTRIAN CONTROL NOTES:

- A DEDICATED INDIVIDUAL WILL BE ASSIGNED THE RESPONSIBILITY OF ESCORTING PEDESTRIANS THROUGH THE WORK AREA IN ACCORDANCE WITH THREE MAJOR CONSIDERATIONS:
- PEDESTRIANS SHOULD NOT BE LED INTO DIRECT CONFLICT WITH WORK SITE VEHICLES, EQUIPMENT OR OPERATIONS
 - PEDESTRIANS SHOULD NOT BE LED INTO DIRECT CONFLICT WITH MAINLINE TRAFFIC MOVING THROUGH OR AROUND THE WORK SITE.
 - PEDESTRIANS SHOULD BE PROVIDED WITH A REASONABLY SAFE, CONVENIENT AND ACCESSIBLE PATH THAT REPLICATES AS NEARLY AS PRACTICAL THE MOST DESIRABLE CHARACTERISTICS OF THE EXISTING SIDEWALK OR FOOTPATH

City of Puyallup Development & Permitting Services ISSUED PERMIT	
Building	Planning
Engineering	Public Works
Fire	Traffic



SCALE: 1:50

ADDRESS: 2712 S MERIDIAN
CITY/STATE: PUYALLUP/WA
ZIP: 98373
COUNTY: PIERCE
PR NO. PR-555123

DATE: 09/07/23
PROJECT: AMO
PROJECT: N.950049
SHEET: TC-3 OF TC-4
REVISION: 0

CHC ENGINEER: HARSHIT SHARMA
PHONE: 949.250.0004
EMAIL: TCP@CHCCONSULTING.COM
 A CONGRUEX COMPANY

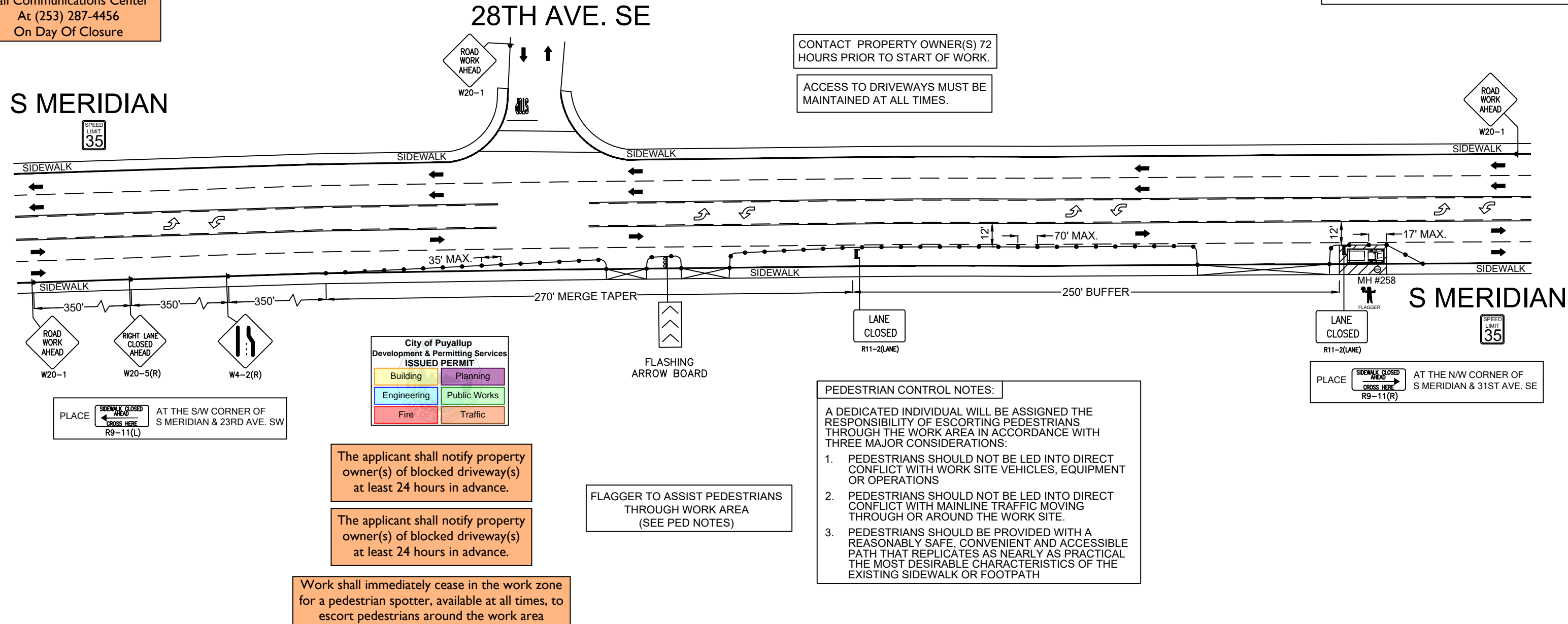
LUMEN ENGINEER: ZACHARY THATCHER
PHONE: 253-797-4657

2923 S MERIDIAN
S MERIDIAN AND 28TH AVE. SE
-MH #258 ACCESS
WORK AREA 4 OF 4

PRFUP20231663

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9 AM - 2 PM
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On Day Of Closure

LEGEND	
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	ADDRESS: <u>2923 S MERIDIAN</u>	DATE: <u>09/07/23</u>	CHC ENGINEER: <u>HARSHIT SHARMA</u>	LUMEN ENGINEER: <u>ZACHARY THATCHER</u>
	CITY/STATE: <u>PUYALLUP/WA</u>	PROJECT: <u>AMO</u>	PHONE: <u>949.250.0004</u>	PHONE: <u>253-797-4657</u>
	ZIP: <u>98373</u>	PROJECT: <u>N.950049</u>	EMAIL: <u>TCP@CHCCONSULTING.COM</u>	
	COUNTY: <u>PIERCE</u>			
	PR NO. <u>PR-555123</u>	SHEET: <u>TC-4 OF TC-4</u>		
		REVISION: <u>0</u>		