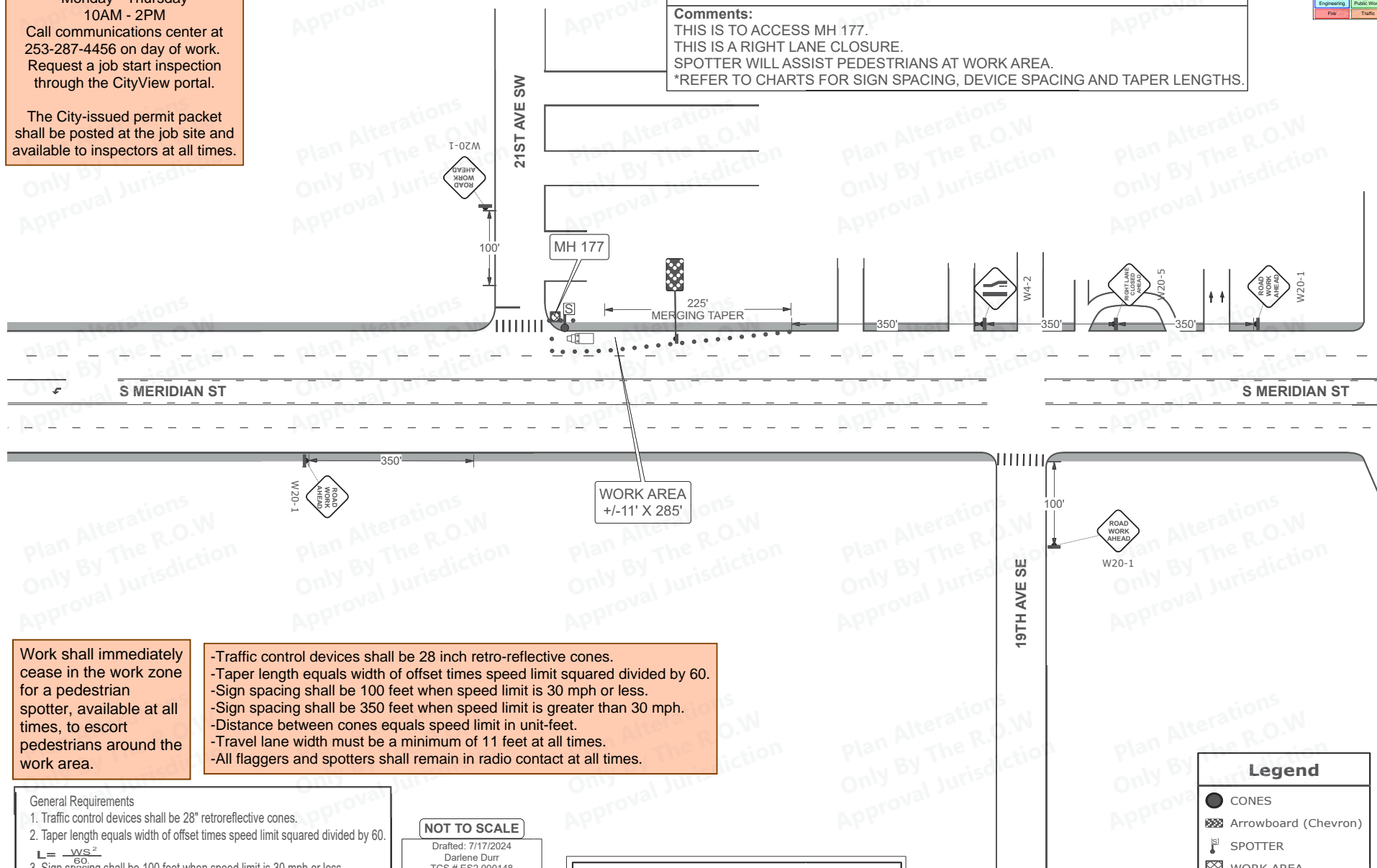


The City-issued permit packet shall be posted at the job site and available to inspectors at all times.

*REFER TO CHARTS FOR SIGN SPACING, DEVICE SPACING AND TAPER LENGTHS.

PRFUP20241538









- Traffic control devices shall be 28 inch retro-reflective cones.
- Taper length equals width of offset times speed limit squared divided by 60.
- Sign spacing shall be 100 feet when speed limit is 30 mph or less.
- Sign spacing shall be 350 feet when speed limit is greater than 30 mph.
- Distance between cones equals speed limit in unit-feet.
- Travel lane width must be a minimum of 11 feet at all times.
- All flaggers and spotters shall remain in radio contact at all times.

3. Sign spacing shall be 100 feet when speed limit is 30 mph or less.
4. Sign spacing shall be 350 feet when speed limit is greater than 30 mph.
5. Distance between cones equals speed limit in units of feet.
6. Travel lane width must be 11' minimum.

Drafted: 7/17/2024
Darlene Durr
TCS # ES2 000148
TCS #Exp.3/31/2027
Phone 253-737-5198
arlene.durr@hotmail.com

UNLAWFUL FOR ANYONE OTHER THAN THE CITY OF PUYALLUP TO
ALTER THIS CERTIFIED TRAFFIC CONTROL PLAN
IN ANY FORM WITHOUT EXPRESS WRITTEN CONSENT FROM:
DARLENE DURR, TCS #ES2 000148, darlene.durr@hotmail.com

Legend

-  CONES
-  Arrowboard (Chevron)
-  SPOTTER
-  WORK AREA
-  WORK TRUCK
-  MANHOLE

23RD AVE SE @ 7TH ST SE
WORK @ MH-180
SHOULDER WORK

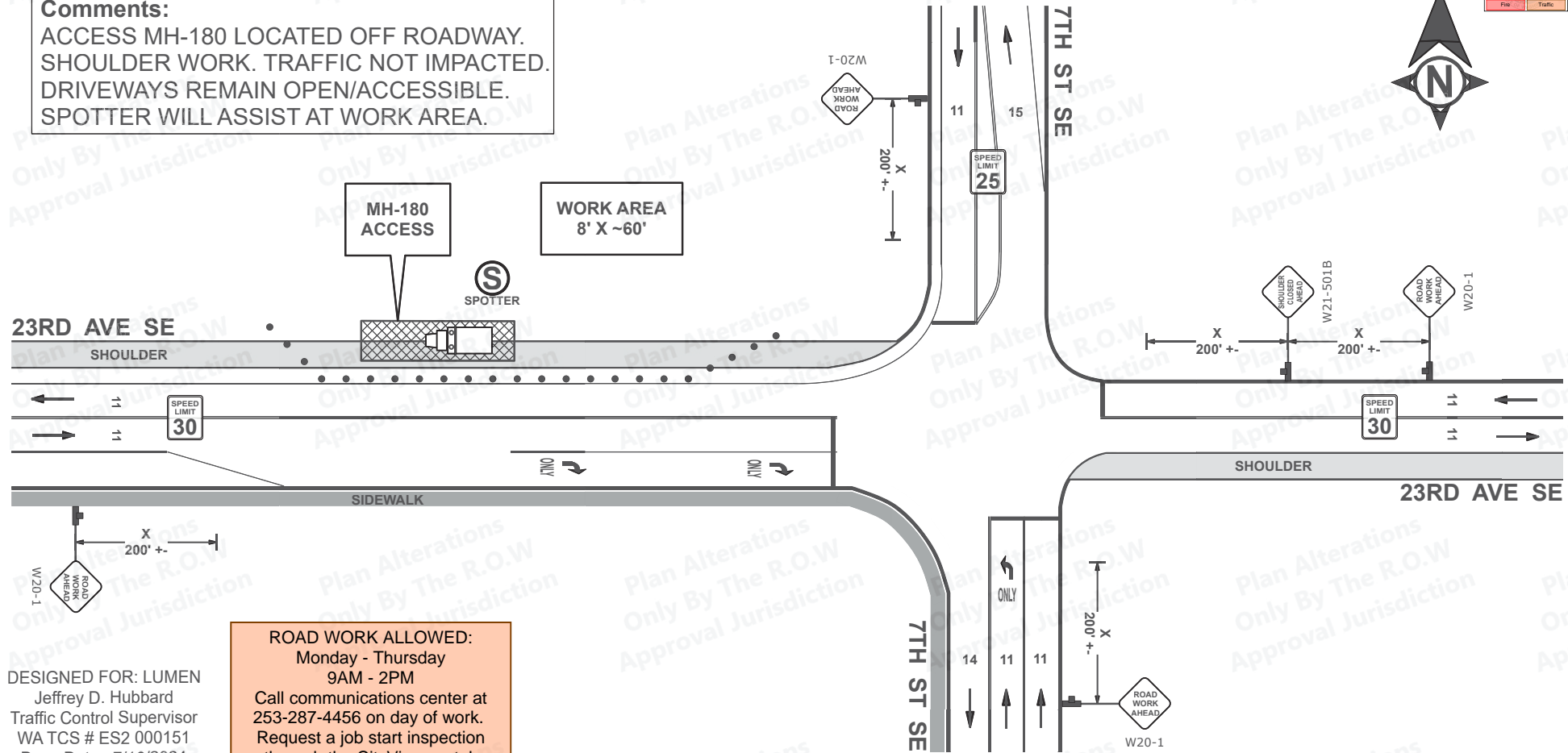
Work shall immediately cease in the work zone for a pedestrian spotter, available at all times, to escort pedestrians around the work area.

- Traffic control devices shall be 28 inch retro-reflective cones.
- Taper length equals width of offset times speed limit squared divided by 60.
- Sign spacing shall be 100 feet when speed limit is 30 mph or less.
- Sign spacing shall be 350 feet when speed limit is greater than 30 mph.
- Distance between cones equals speed limit in unit-feet.
- Travel lane width must be a minimum of 11 feet at all times.
- All flaggers and spotters shall remain in radio contact at all times.

TRAFFIC CONTROL PLAN
JOB # P. 227404. C. 45
PERMIT # PRFUP20241538



Comments:
ACCESS MH-180 LOCATED OFF ROADWAY.
SHOULDER WORK. TRAFFIC NOT IMPACTED.
DRIVEWAYS REMAIN OPEN/ACCESSIBLE.
SPOTTER WILL ASSIST AT WORK AREA.



DESIGNED FOR: LUMEN
Jeffrey D. Hubbard
Traffic Control Supervisor
WA TCS # ES2 000151
Draw Date: 7/16/2024
Phone 253-737-5198
jhubbard.tcp@gmail.com

ROAD WORK ALLOWED:
Monday - Thursday
9AM - 2PM
Call communications center at
253-287-4456 on day of work.
Request a job start inspection
through the CityView portal.

The City-issued permit packet
shall be posted at the job site and
available to inspectors at all times.

Date: 7/16/2024 Author: Jeffrey D. Hubbard, Traffic Control Supervisor Project:
CERT: WA TCS # ES2000151 (Exp: 4/2027) DESIGNED FOR: LUMEN LOCATION: PUYALLUP, WA

- Comments:**
General Requirements
1. All signs and spacing to conform to the MUTCD and CITY OF PUYALLUP Requirements.
 2. Channelizing devices are 28" traffic cones with retro reflective material.
 3. All signs are 36" x 36" B/O unless otherwise specified.
 4. Alert affected local residents and businesses.
 5. Crew is required to leave a minimum 11' for lane width.
 6. Work hours will be determined by CITY OF PUYALLUP.

Comments:	TAPER LENGTH ("L")	LANE WIDTH	MPH	10'	11'	12'
MERGING						
TAPER						
L	20	70	75	80		
SHIFTING						
TAPER	25	105	115	165		
1/2 L	30	150	165	180		
	35	205	225	245		
SHOULDER	40	270	295	320		
TAPER	45	450	495	540		
1/3 L	50	500	550	600		

NOT TO SCALE

TCP PROPOSAL: NOT VALID W/O R-O-W JURISDICTION APPROVAL STAMP
UNLAWFUL FOR ANYONE (OTHER THAN R-O-W APPROVAL JURISDICTION)
TO ALTER W/O CONSENT FROM AUTHOR (JHUBBARD.TCP@GMAIL.COM)

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

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																	

SIGN SPACING = X (1)		
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 INTERSECTIONS AND DRIVEWAYS.		
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.		