

# 94TH AVE E @ 31ST AVE SW MH-1211 ACCESS (SHEET 1) LEFT-LANE CLOSURE

**TRAFFIC CONTROL PLAN**  
JOB # P. 058208 C. 45  
PERMIT # PRFUP20221758

City of Puyallup  
Development & Permitting Services  
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

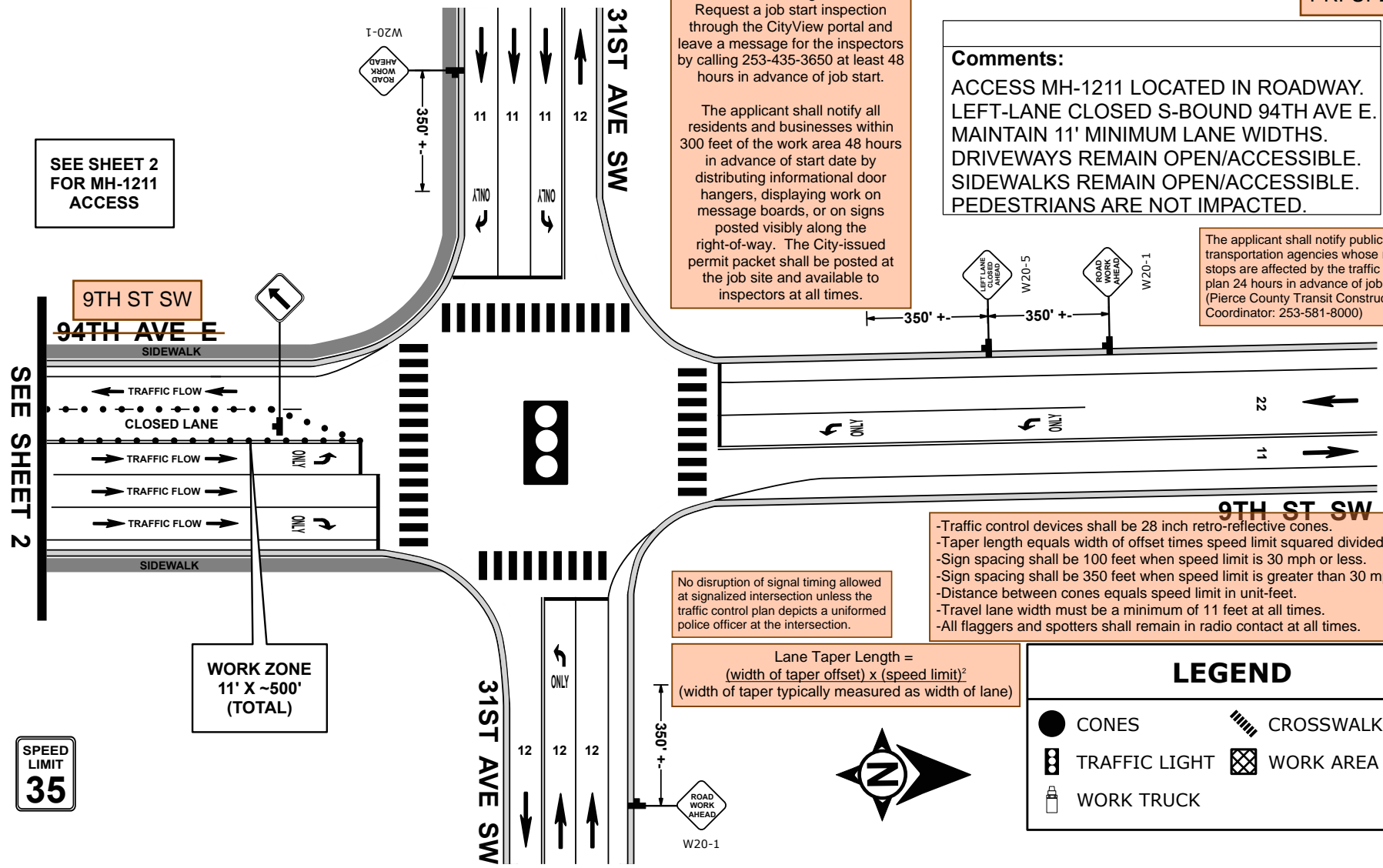
**NIGHT WORK REQUIRED.**  
CLOSURE ALLOWED:  
Sunday - Thursday  
9PM - 5AM

Call communications center at 253-287-4456 on night of closure. 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.

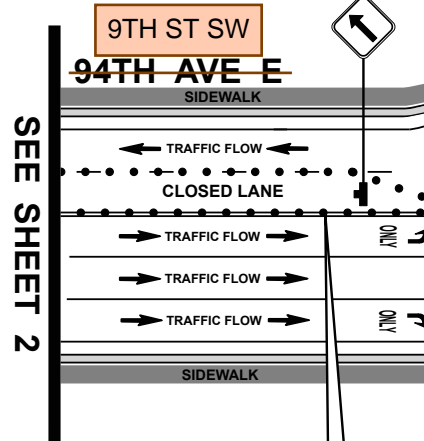
The applicant shall notify all residents and businesses within 300 feet of the work area 48 hours in advance of start date by distributing informational door hangers, displaying work on message boards, or on signs posted visibly along the right-of-way. The City-issued permit packet shall be posted at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

**Comments:**  
ACCESS MH-1211 LOCATED IN ROADWAY. LEFT-LANE CLOSED S-BOUND 94TH AVE E. MAINTAIN 11' MINIMUM LANE WIDTHS. DRIVEWAYS REMAIN OPEN/ACCESSIBLE. SIDEWALKS REMAIN OPEN/ACCESSIBLE. PEDESTRIANS ARE NOT IMPACTED.

The applicant shall notify public transportation agencies whose routes or stops are affected by the traffic control plan 24 hours in advance of job start. (Pierce County Transit Construction Coordinator: 253-581-8000)



SEE SHEET 2 FOR MH-1211 ACCESS



**WORK ZONE**  
11' X ~500'  
(TOTAL)

**SPEED LIMIT**  
35

No disruption of signal timing allowed at signalized intersection unless the traffic control plan depicts a uniformed police officer at the intersection.

Lane Taper Length =  
 $(\text{width of taper offset}) \times (\text{speed limit})^2$   
(width of taper typically measured as width of lane)

- 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.

**LEGEND**

	CONES		CROSSWALK
	TRAFFIC LIGHT		WORK AREA
	WORK TRUCK		

Date: 11/12/2022 Author: Jeffrey D. Hubbard, Traffic Control Supervisor Project: P. 058208 C. 45  
CERT: WA TCS # 011989 LUMEN: Certified Traffic Control Plan LOCATION: PUYALLUP, WA

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

Designed For: LUMEN  
Project # P. 058208 C. 45  
Jeffrey D. Hubbard  
Traffic Control Supervisor  
WA TCS # 011989  
Draw Date: 11/12/2022  
Phone 253-737-5198  
jhubbard.tcp@gmail.com

*Jeffrey Hubbard*

**UNLAWFUL FOR ANYONE (OTHER THAN CITY OF PUYALLUP) TO ALTER THIS CERTIFIED PLAN W/O EXPRESS WRITTEN CONSENT FROM: JEFFREY D. HUBBARD, TCS# 011989, JHUBBARD.TCP@GMAIL.COM**

**Comments:**  
CHANNELIZATION SPACING

MPH	TAPER	TANGENT
25 / 30	20'	40'
35 / 45	30'	60'
50+	ONE-LANE TWO-WAY TAPER 50' TO 100'	

**NOT TO SCALE**

**Comments:**  
SIGN SPACING  
"X"

20-25	100'
30	200'
35-45	350'
50+	500'

**Comments:**

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

# 94TH AVE E @ SOUTH HILL PARK DR MH-1211 ACCESS (SHEET 2) LEFT-LANE CLOSURE

**City of Puyallup  
Development & Permitting Services  
ISSUED PERMIT**

Building	Planning
Engineering	Public Works
Fire	Traffic

**TRAFFIC CONTROL PLAN**  
**JOB # P. 058208 C. 45**  
**PERMIT # PRFUP20221758**

- 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.

**Comments:**

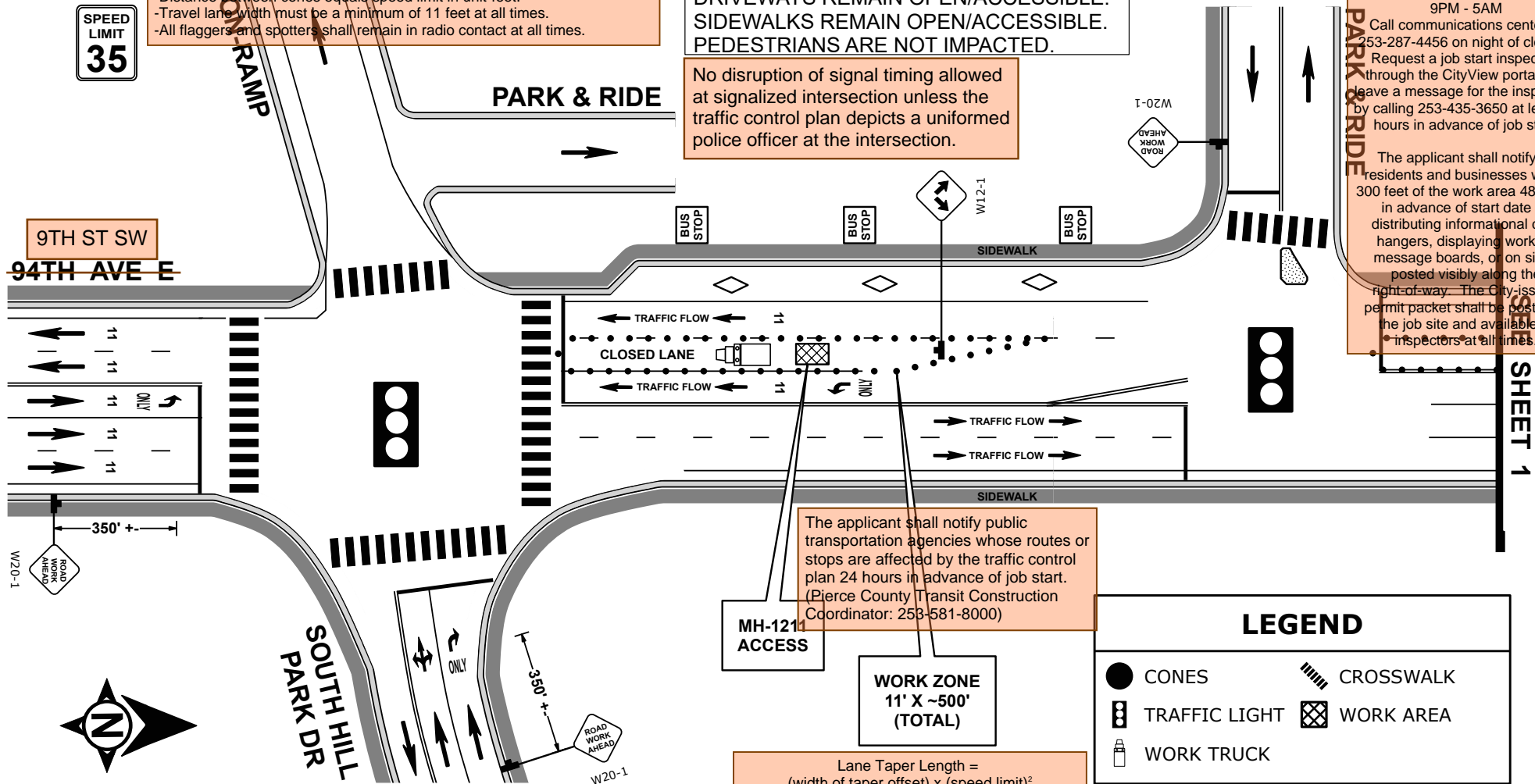
ACCESS MH-1211 LOCATED IN ROADWAY.  
LEFT-LANE CLOSED S-BOUND 94TH AVE E.  
MAINTAIN 11' MINIMUM LANE WIDTHS.  
DRIVEWAYS REMAIN OPEN/ACCESSIBLE.  
SIDEWALKS REMAIN OPEN/ACCESSIBLE.  
PEDESTRIANS ARE NOT IMPACTED.

No disruption of signal timing allowed at signalized intersection unless the traffic control plan depicts a uniformed police officer at the intersection.

**NIGHT WORK REQUIRED.**  
CLOSURE ALLOWED:  
Sunday - Thursday  
9PM - 5AM

Call communications center at 253-287-4456 on night of closure. 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.



The applicant shall notify public transportation agencies whose routes or stops are affected by the traffic control plan 24 hours in advance of job start. (Pierce County Transit Construction Coordinator: 253-581-8000)

**MH-1211 ACCESS**

**WORK ZONE  
11' X ~500'  
(TOTAL)**

Lane Taper Length = (width of taper offset) x (speed limit)<sup>2</sup>  
(width of taper typically measured as width of lane)

**LEGEND**

- CONES
- ▨ CROSSWALK
- ⬢ TRAFFIC LIGHT
- ⊠ WORK AREA
- 🚚 WORK TRUCK

**NOT TO SCALE**

Date: 11/12/2022 Author: Jeffrey D. Hubbard, Traffic Control Supervisor Project: P. 058208 C. 45  
CERT: WA TCS # 011989 LUMEN: Certified Traffic Control Plan LOCATION: PUYALLUP, WA

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

Designed For: LUMEN  
Project # P. 058208 C. 45  
Jeffrey D. Hubbard  
Traffic Control Supervisor  
WA TCS # 011989  
Draw Date: 11/12/2022  
Phone 253-737-5198  
jhubbard.tcp@gmail.com

*Jeffrey Hubbard*

**UNLAWFUL FOR ANYONE (OTHER THAN CITY OF PUYALLUP) TO ALTER THIS CERTIFIED PLAN W/O EXPRESS WRITTEN CONSENT FROM: JEFFREY D. HUBBARD, TCS# 011989, JHUBBARD.TCP@GMAIL.COM**

**Comments:**  
CHANNELIZATION SPACING

MPH	TAPER	TANGENT
25 / 30	20'	40'
35 / 45	30'	60'
ONE-LANE TWO-WAY TAPER 50' TO 100'		

**Comments:**  
SIGN SPACING

MPH	"X"
20-25	100'
30	200'
35-45	350'
50+	500'

**Comments:**

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

SHEET 1

# 94TH AVE E @ 39TH AVE SW MH-121 ACCESS RIGHT-LANE CLOSURE

- 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.

City of Puyallup  
Development & Permitting Services  
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

**TRAFFIC CONTROL PLAN**  
JOB # P. 058208 C. 45  
PERMIT # PRFUP20221758

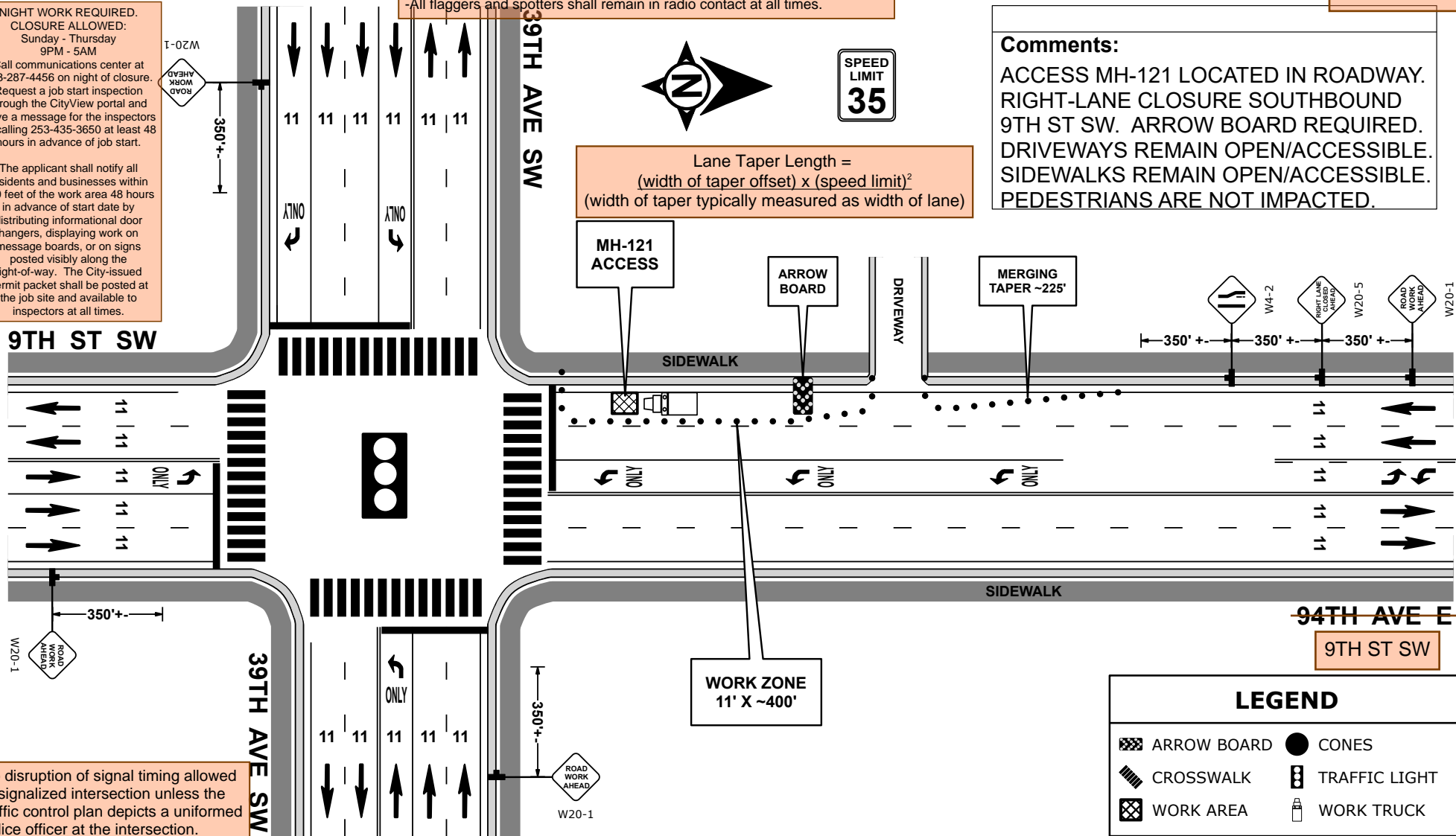
**NIGHT WORK REQUIRED. CLOSURE ALLOWED:**  
Sunday - Thursday  
9PM - 5AM

Call communications center at 253-287-4456 on night of closure. 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.

**Comments:**  
ACCESS MH-121 LOCATED IN ROADWAY. RIGHT-LANE CLOSURE SOUTHBOUND 9TH ST SW. ARROW BOARD REQUIRED. DRIVEWAYS REMAIN OPEN/ACCESSIBLE. SIDEWALKS REMAIN OPEN/ACCESSIBLE. PEDESTRIANS ARE NOT IMPACTED.

Lane Taper Length =  $\frac{(\text{width of taper offset}) \times (\text{speed limit})^2}{(\text{width of taper typically measured as width of lane})}$



No disruption of signal timing allowed at signalized intersection unless the traffic control plan depicts a uniformed police officer at the intersection.

**LEGEND**

	ARROW BOARD		CONES
	CROSSWALK		TRAFFIC LIGHT
	WORK AREA		WORK TRUCK

Date: 11/12/2022 Author: Jeffrey D. Hubbard, Traffic Control Supervisor Project: P.058208 C. 45  
CERT: WA TCS # 011989 LUMEN: Certified Traffic Control Plan LOCATION: PUYALLUP, WA

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

Designed For: LUMEN  
Project # P. 058208 C. 45  
Jeffrey D. Hubbard  
Traffic Control Supervisor  
WA TCS # 011989  
Draw Date: 11/12/2022  
Phone 253-737-5198  
jhubbard.tcp@gmail.com  
*Jeffrey Hubbard*

UNLAWFUL FOR ANYONE (OTHER THAN CITY OF PUYALLUP) TO ALTER THIS CERTIFIED PLAN W/O EXPRESS WRITTEN CONSENT FROM: JEFFREY D. HUBBARD, TCS# 011989, JHUBBARD.TCP@GMAIL.COM

**Comments:**  
CHANNELIZATION SPACING

MPH	TAPER	TANGENT
25 / 30	20'	40'
35 / 45	30'	60'
ONE-LANE TWO-WAY TAPER 50' TO 100'		

**Comments:**  
SIGN SPACING  
"X"

MPH	"X"
20-25	100'
30	200'
35-45	350'
50+	500'

**NOT TO SCALE**

**Comments:**

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

# 94TH AVE E @ 39TH AVE SW MH-122 ACCESS RIGHT-LANE CLOSURE

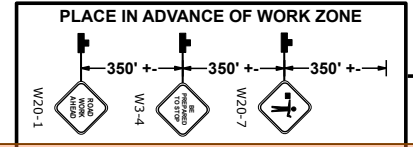
**NIGHT WORK REQUIRED.**  
CLOSURE ALLOWED:  
Sunday - Thursday  
9PM - 5AM  
See permit conditions.

**REVISED PER CITY OF  
PUYALLUP INSTRUCTIONS  
1-18-2023**

City of Puyallup  
Development & Permitting Services  
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

**TRAFFIC CONTROL PLAN  
JOB # P. 058208. C. 45  
PERMIT # PRFUP20221758**



Lane Taper Length =  
 $(\text{width of taper offset}) \times (\text{speed limit})^2$   
(width of taper typically measured as width of lane)

MH-122  
ACCESS

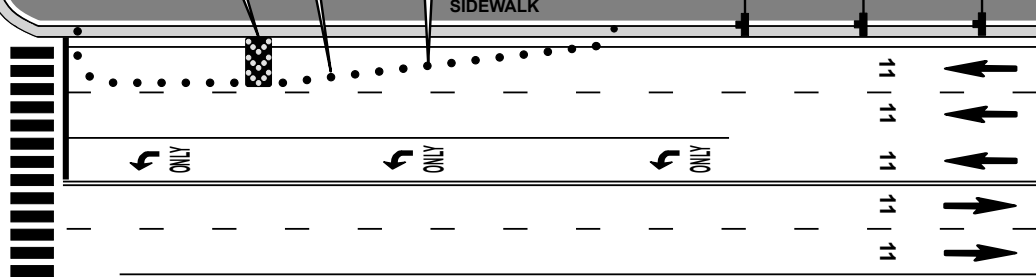
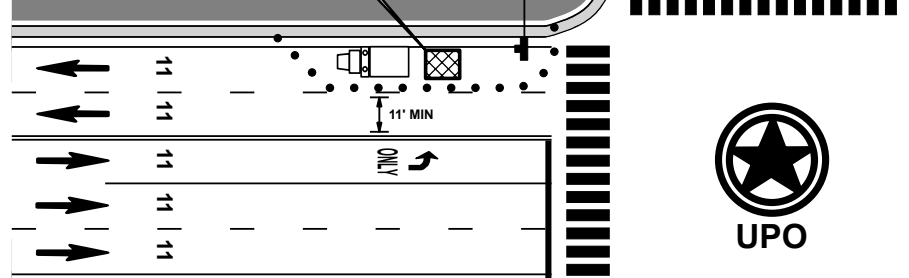
94TH AVE E

39TH AVE SW

No disruption of signal timing allowed at signalized intersection unless the traffic control plan depicts a uniformed police officer at the intersection.

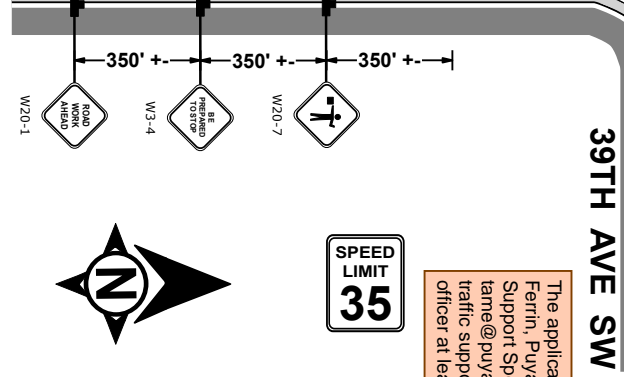
WORK ZONE  
11' X ~500'  
(TOTAL)

**Comments:**  
ACCESS MH-122 LOCATED IN ROADWAY. RIGHT-LANE CLOSURE SOUTHBOUND 94TH AVE E. ARROW BOARD REQUIRED. UPO CONTROLS LIGHTED INTERSECTION. MAINTAIN 11' MINIMUM LANE WIDTHS. DRIVEWAYS REMAIN OPEN/ACCESSIBLE. UPO ASSISTS WITH PEDESTRIANS.



ARROW BOARD

MERGING TAPER  
11' X ~225'



- 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.

~~94TH AVE E~~  
9TH ST SW

SPEED LIMIT  
35

The applicant shall contact Tamara Ferrin, Puyallup Police Department Support Specialist, at 253-841-5436 or tamef@puyallupwa.gov to coordinate traffic support with uniformed police officer at least 24 hours of job start.

Date: 1/18/2023 Author: Jeffrey D. Hubbard, Traffic Control Supervisor  
Project: LUMEN: Certified Traffic Control Plan LOCATION:

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

Designed For: LUMEN  
Project # P. 058208. C. 45  
Jeffrey D. Hubbard  
Traffic Control Supervisor  
WA TCS # 011989  
Draw Date: 1/18/2023  
Phone 253-737-5198  
jhubbard.tcp@gmail.com

*Jeffrey Hubbard*

**UNLAWFUL FOR ANYONE (OTHER THAN CITY OF PUYALLUP) TO ALTER THIS CERTIFIED PLAN W/O EXPRESS WRITTEN CONSENT FROM: JEFFREY D. HUBBARD, TCS# 011989, JHUBBARD.TCP@GMAIL.COM**

**Comments:**  
CHANNELIZATION SPACING

MPH	TAPER	TANGENT
25 / 30	20'	40'
35 / 45	30'	60'
50+	ONE-LANE TWO-WAY TAPER 50' TO 100'	

**NOT TO SCALE**

**Comments:**  
SIGN SPACING  
"X"

MPH	"X"
20-25	100'
30	200'
35-45	350'
50+	500'

**LEGEND**

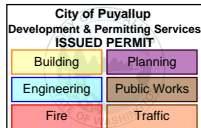
	ARROW BOARD		CONES
	CROSSWALK		POLICE OFFICER
	WORK AREA		WORK TRUCK

**Comments:**

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



# 39TH AVE SW @ 7TH ST SW HH-616 ACCESS RIGHT-LANE CLOSURE



**NIGHT WORK REQUIRED.**  
CLOSURE ALLOWED:  
Sunday - Thursday  
9PM - 5AM

Call communications center at 253-287-4456 on night of closure. 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.

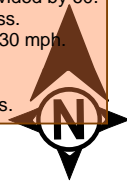
**REVISED PER CITY OF PUYALLUP INSTRUCTIONS**  
1-18-2023

**TRAFFIC CONTROL PLAN**  
JOB # P. 058208. C. 45  
PERM **PRFUP20221758**

**Comments:**  
ACCESS HH-616 LOCATED OFF ROADWAY. RIGHT-LANE CLOSURE EASTBOUND 39TH AVE SW. ARROW BOARD REQUIRED. DRIVEWAYS REMAIN OPEN/ACCESSIBLE. SIDEWALKS REMAIN OPEN/ACCESSIBLE. MAINTAIN 4' MINIMUM WALKWAY WIDTH. SPOTTER WILL ASSIST AT WORK AREA.

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.

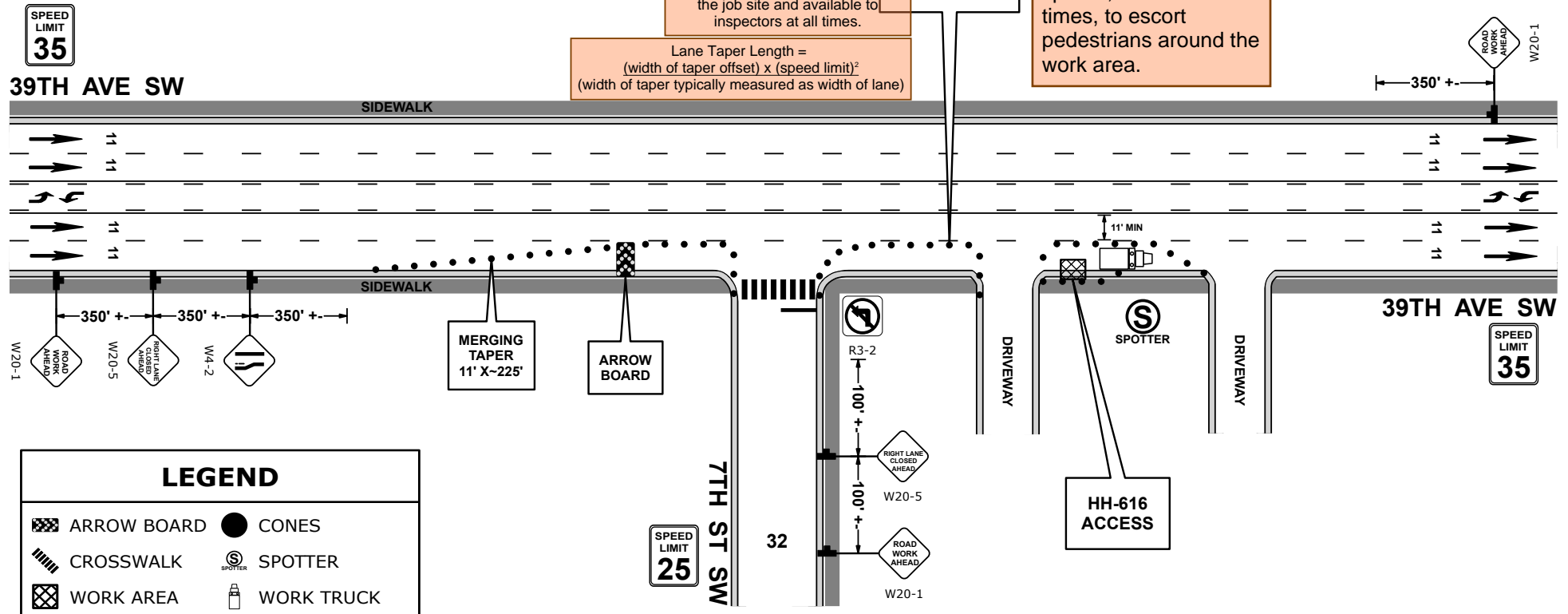
- Traffic control devices shall be 28 inch retro-reflective cones.
- Taper length equals width of offset times speed limit squared divided by 60.
- Sign spacing shall be 100 feet when speed limit is 30 mph or less.
- Sign spacing shall be 350 feet when speed limit is greater than 30 mph.
- Distance between 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.



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

Lane Taper Length =  
 $(\text{width of taper offset} \times (\text{speed limit})^2)$   
(width of taper typically measured as width of lane)

**WORK ZONE**  
11' X ~500' (TOTAL)



**LEGEND**

	ARROW BOARD		CONES
	CROSSWALK		SPOTTER
	WORK AREA		WORK TRUCK

Date: 1/18/2023 Author: Jeffrey D. Hubbard, Traffic Control Supervisor Project: P. 058208. C. 45  
CERT: WA TCS # 011989 LUMEN: Certified Traffic Control Plan LOCATION: PUYALLUP, WA

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

Designed For: LUMEN  
Project # P. 058208. C. 45  
Jeffrey D. Hubbard  
Traffic Control Supervisor  
WA TCS # 011989  
Draw Date: 1/18/2023  
Phone 253-737-5198  
jhubbard.tcp@gmail.com  
*Jeffrey Hubbard*

**UNLAWFUL FOR ANYONE (OTHER THAN CITY OF PUYALLUP) TO ALTER THIS CERTIFIED PLAN W/O EXPRESS WRITTEN CONSENT FROM: JEFFREY D. HUBBARD, TCS# 011989, JHUBBARD.TCP@GMAIL.COM**

**Comments:**  
CHANNELIZATION SPACING

MPH	TAPER	TANGENT
25 / 30	20'	40'
35 / 45	30'	60'
ONE-LANE TWO-WAY TAPER 50' TO 100'		

**NOT TO SCALE**

**Comments:**  
SIGN SPACING

MPH	"X"
20-25	100'
30	200'
35-45	350'
50+	500'

**Comments:**

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

**39TH AVE SW @ 5TH ST SW  
MH 502 ACCESS  
RIGHT LANE CLOSURE**

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



**TRAFFIC CONTROL PLAN**  
JOB # N.764284.C.46  
PERMIT #

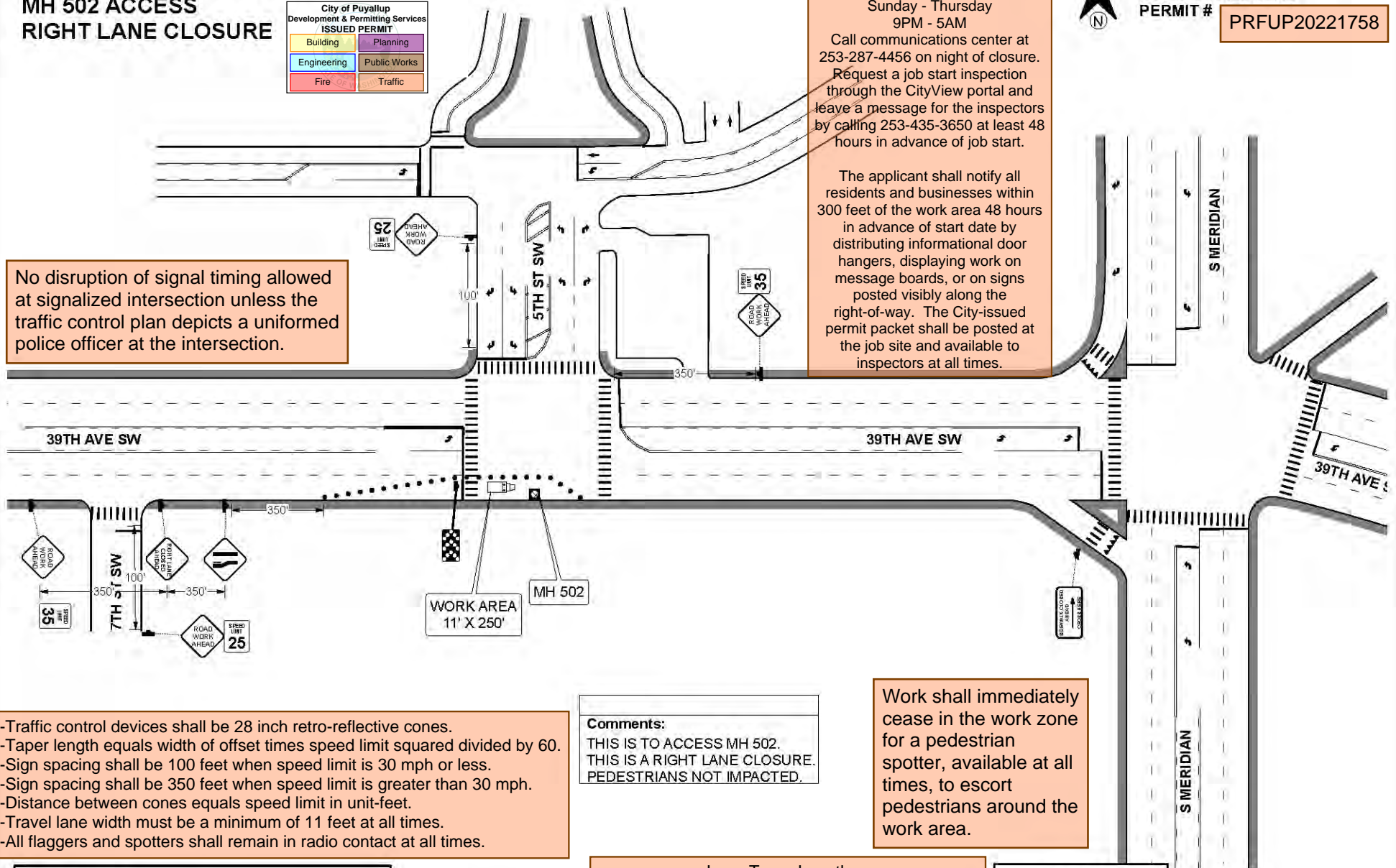
PRFUP20221758

**NIGHT WORK REQUIRED.**  
CLOSURE ALLOWED:  
Sunday - Thursday  
9PM - 5AM

Call communications center at 253-287-4456 on night of closure. 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.

No disruption of signal timing allowed at signalized intersection unless the traffic control plan depicts a uniformed police officer at the intersection.



- 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.

**Comments:**  
THIS IS TO ACCESS MH 502.  
THIS IS A RIGHT LANE CLOSURE.  
PEDESTRIANS NOT IMPACTED.

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

**General Requirements**

- Traffic control devices shall be 28" retroreflective cones.
- Taper length equals width of offset times speed limit squared divided by 60.  
 $L = \frac{ws^2}{60}$
- 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 units of feet.
- Travel lane width must be 11' minimum.

**NOT TO SCALE**

Approved 2/23/2022  
Darlene Durr  
TCS # 011915  
Phone 253-737-5198  
darlene.durr@hotmail.com  
*Darlene Durr*

Lane Taper Length =  
 $(\text{width of taper offset}) \times (\text{speed limit})^2$   
(width of taper typically measured as width of lane)

**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 #011915, darlene.durr@hotmail.com**

**Legend**

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

# 39TH AVE SW @ 94TH AVE E HH-818 ACCESS (SHEET 1) RIGHT-LANE CLOSURE

City of Puyallup  
Development & Permitting Services  
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

**NIGHT WORK REQUIRED.**  
CLOSURE ALLOWED:  
Sunday - Thursday  
9PM - 5AM

Call communications center at 253-287-4456 on night of closure. 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.

**REVISED PER CITY OF PUYALLUP INSTRUCTIONS 1-18-2023**

**TRAFFIC CONTROL PLAN  
JOB # P. 058208. C. 45  
PERMIT #**

**PRFUP20221758**

## LEGEND

- ARROW BOARD
- CONES
- FLAGGER
- POLICE OFFICER
- SPOTTER
- WORK TRUCK

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.

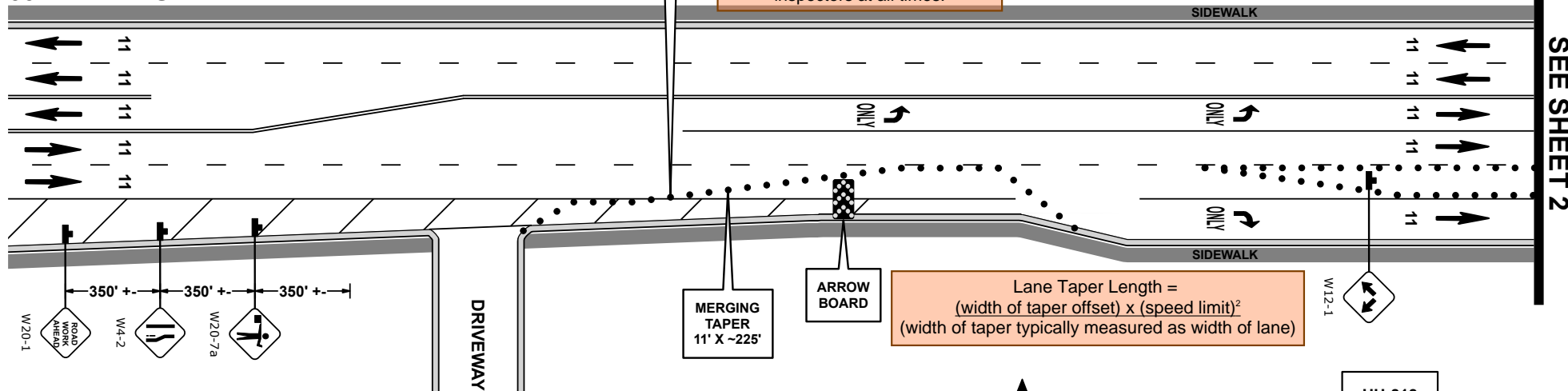
**Comments:**

ACCESS HH-818 LOCATED OFF ROADWAY. RIGHT-LANE CLOSURE EASTBOUND 39TH AVE SW. ARROW BOARD REQUIRED. UPO CONTROLS LIGHTED INTERSECTION. FLAGGER ASSISTS RIGHT-TURN-ONLY. DRIVEWAYS REMAIN OPEN/ACCESSIBLE. SIDEWALKS REMAIN OPEN/ACCESSIBLE. MAINTAIN 4' MINIMUM WALKWAY WIDTH. SPOTTER WILL ASSIST AT WORK AREA.

**WORK ZONE  
11' X ~800'  
(TOTAL)**

**39TH AVE SW**

**39TH AVE SW**



Lane Taper Length =  $\frac{(\text{width of taper offset}) \times (\text{speed limit})^2}{(\text{width of taper typically measured as width of lane})}$

- 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.

Date: 1/18/2023 Author: Jeffrey D. Hubbard, Traffic Control Supervisor Project: P. 058208. C. 45  
CERT: WA TCS # 011989 LUMEN: Certified Traffic Control Plan LOCATION: PUYALLUP, WA

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

Designed For: LUMEN  
Project # P. 058208. C. 45  
Jeffrey D. Hubbard  
Traffic Control Supervisor  
WA TCS # 011989  
Draw Date: 1/18/2023  
Phone 253-737-5198  
jhubbard.tcp@gmail.com

*Jeffrey Hubbard*

**UNLAWFUL FOR ANYONE (OTHER THAN CITY OF PUYALLUP) TO ALTER THIS CERTIFIED PLAN W/O EXPRESS WRITTEN CONSENT FROM: JEFFREY D. HUBBARD, TCS# 011989, JHUBBARD.TCP@GMAIL.COM**

**Comments:**  
CHANNELIZATION SPACING

MPH	TAPER	TANGENT
25 / 30	20'	40'
35 / 45	30'	60'
ONE-LANE TWO-WAY TAPER 50' TO 100'		

**NOT TO SCALE**

**Comments:**  
SIGN SPACING  
MPH "X"

20-25	100'
30	200'
35-45	350'
50+	500'

**Comments:**

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

SEE SHEET 2