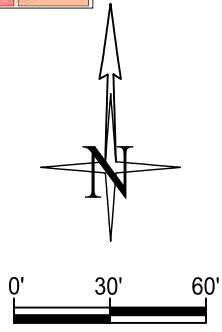
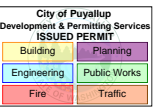


# TEMPORARY TRAFFIC CONTROL PLAN



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DISTANCE BETWEEN CONES EQUALS SPEED LIMIT IN UNIT FEET. TAPER LENGTHS EQUALS WIDTH OF OFFSET (LANE WIDTH) TIMES SPEED SQUARED DIVIDED BY 60. SIGN SPACING SHALL BE 350' WHEN THE SPEED LIMIT IS GREATER THAN 30 MPH. DISTANCE BETWEEN SIGNS IS MANDATORY UNLESS FIELD CONDITIONS DETERMINE OTHERWISE.

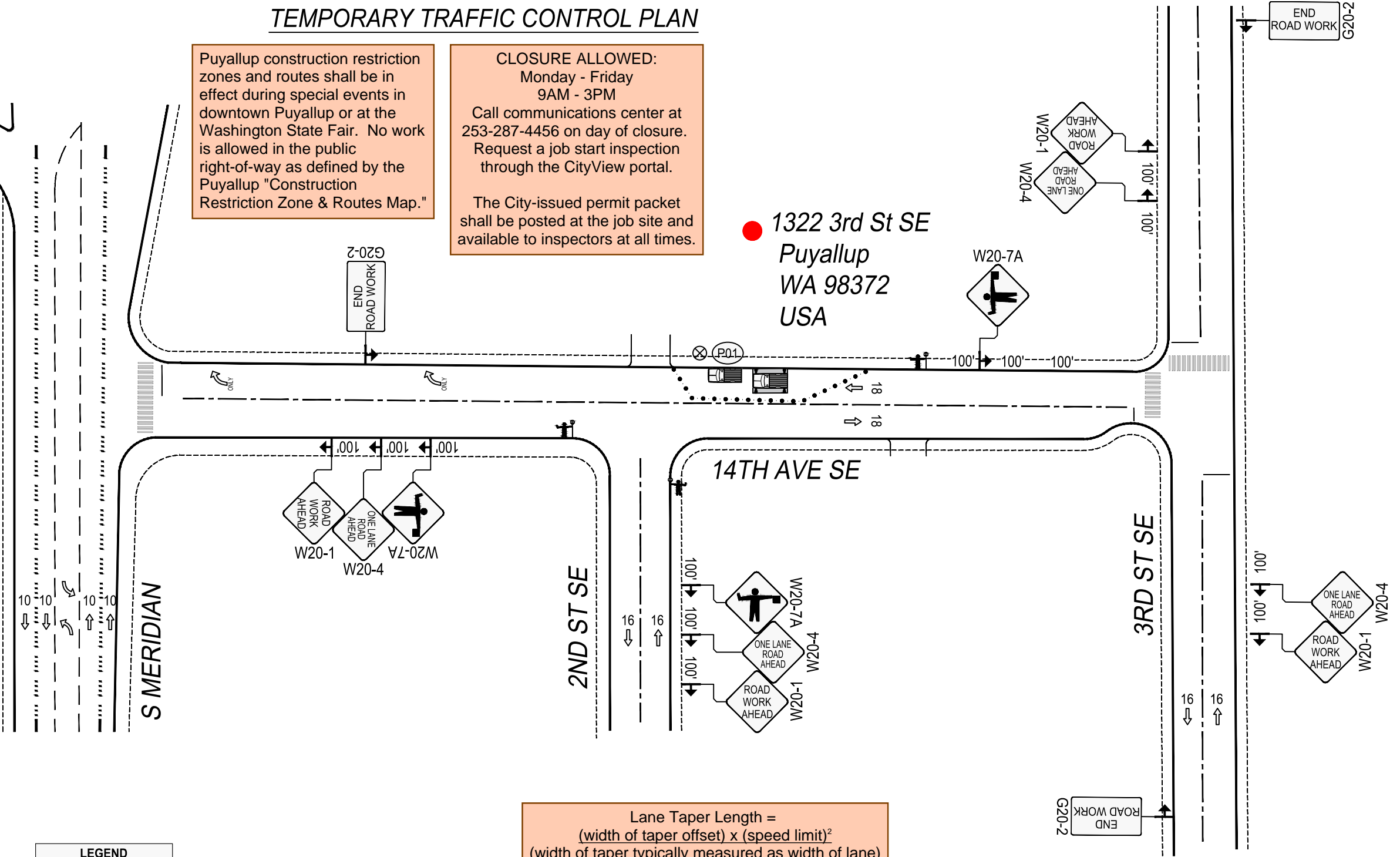
Work shall immediately cease in the work zone for a pedestrian spotter, available at all times, to escort pedestrians around the work area.

- Notes:
- All signs and spacing to conform to the MUTCD and City of Puyallup standards.
  - All sidewalks, driveways, exits and egresses shall be completely clear unless otherwise indicated.
  - Channelizing devices are 28" traffic cones. Use traffic drums (barrels) with steady burning Type C lights on all State State Routes and Hwys.
  - Sign size can be a minimum of 36" x 36" and shall not obstruct pedestrian access.
  - Crew is required to leave a minimum of 10' for traveling lane width.
  - Alert affected residents and businesses.
  - ~~Work to take place between 9 a.m. and 4 p.m. unless otherwise specified. All work for arterials and major roadways will be from 9 a.m. to 3 p.m.~~
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1322 3rd St SE  
Puyallup  
WA 98372  
USA



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

$$L = \frac{W \cdot S^2}{60}$$

- 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**

- WORK PIT
- 28" TRAFFIC CONE
- TRAFFIC FLOW
- WORK VEHICLE/ FLASHING LIGHTS
- SIGN LOCATION
- RIGHT OF WAY ROW
- WORK AREA
- CHEVRON ARROW BOARD
- UNIFORMED POLICE OFFICER
- FLAGGER

**SIGN SPACING**

MPH	"X"
60/65	1000'
45/55	500'
35/40	350'
25/30	100'

**ALL EQUIPMENT AND WORKERS MUST BE OUT OF THE ROW PRIOR TO 3 P.M. NO EXCEPTION**

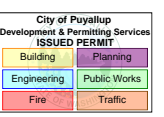
**PSE PUGET SOUND ENERGY**  
Designer: Jaber Tofan  
206-406-8460  
Jaber.tofan2@pse.com  
Project Address: 1322 3RD ST SE Puyallup, WA 98372

**MINIMUM TAPER LENGTH=L (FT.)**

LANE WIDTH	POSTED SPEED (MPH)										
	20	25	30	35	40	45	50	55	60	65	70
10	70	105	150	205	270	475	500	550	-	-	-
11	75	115	165	225	295	495	550	605	660	-	-
12	80	125	180	245	320	540	600	660	720	780	840

Puget Sound Energy  
Traffic Control Supervisor:  
John Crofoot  
Card No. 012613  
Card Exp. 10/31/24  
John.Crofoot@pse.com  
(425)424-6658  
John W. Crofoot II

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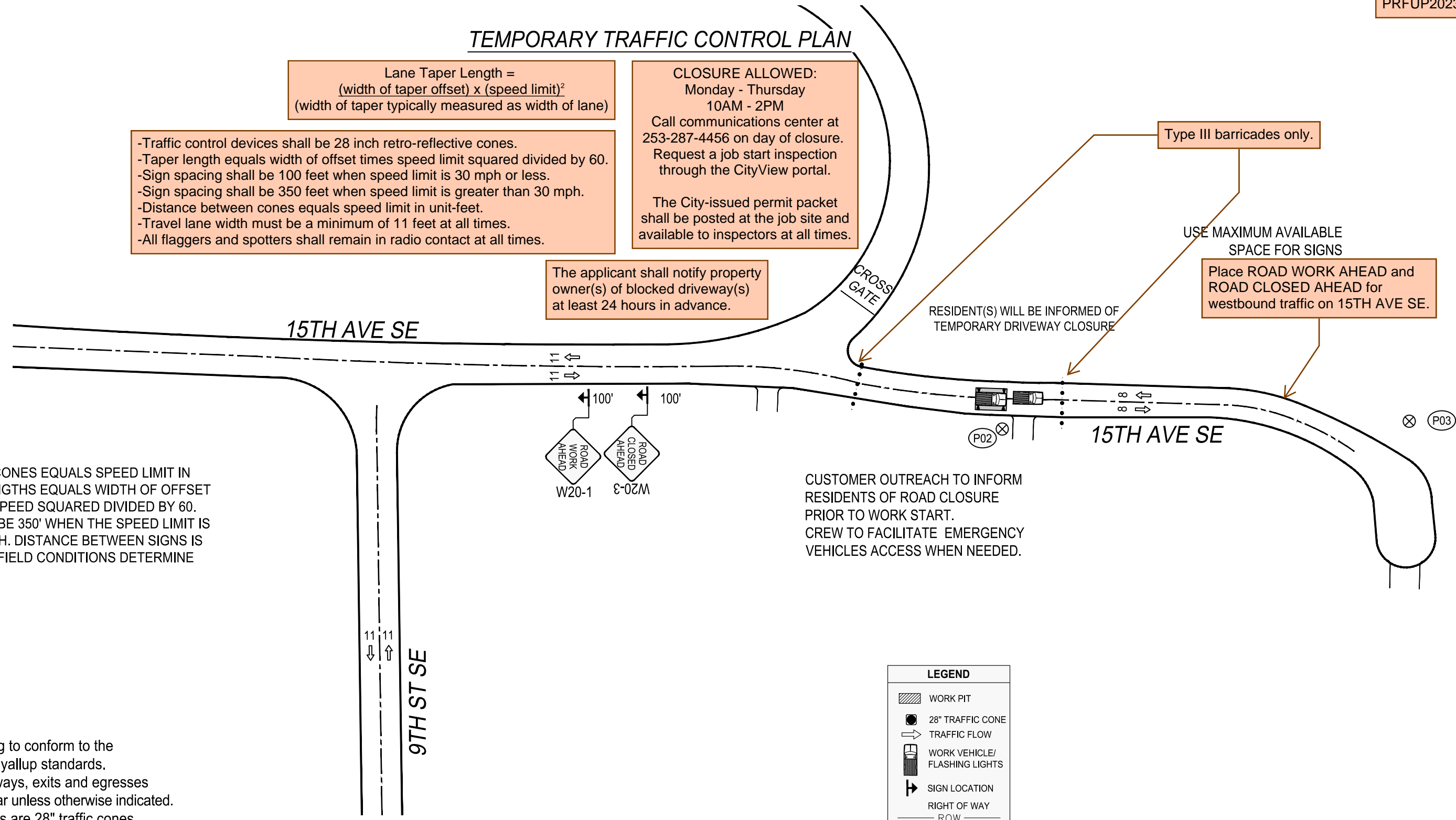
# TEMPORARY TRAFFIC CONTROL PLAN

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



DISTANCE BETWEEN CONES EQUALS SPEED LIMIT IN UNIT FEET. TAPER LENGTHS EQUALS WIDTH OF OFFSET (LANE WIDTH) TIMES SPEED SQUARED DIVIDED BY 60. SIGN SPACING SHALL BE 350' WHEN THE SPEED LIMIT IS GREATER THAN 30 MPH. DISTANCE BETWEEN SIGNS IS MANDATORY UNLESS FIELD CONDITIONS DETERMINE OTHERWISE.

CUSTOMER OUTREACH TO INFORM RESIDENTS OF ROAD CLOSURE PRIOR TO WORK START. CREW TO FACILITATE EMERGENCY VEHICLES ACCESS WHEN NEEDED.

- Notes:
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SIGN SPACING	
MPH	"X"
60/65	1000'
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ALL EQUIPMENT AND WORKERS MUST BE OUT OF THE ROW PRIOR TO 3 P.M. NO EXCEPTION

LEGEND	
	WORK PIT
	28" TRAFFIC CONE
	TRAFFIC FLOW
	WORK VEHICLE/ FLASHING LIGHTS
	SIGN LOCATION
	RIGHT OF WAY
	ROW
	WORK AREA
	CHEVRON ARROW BOARD
	UNIFORMED POLICE OFFICER
	FLAGGER

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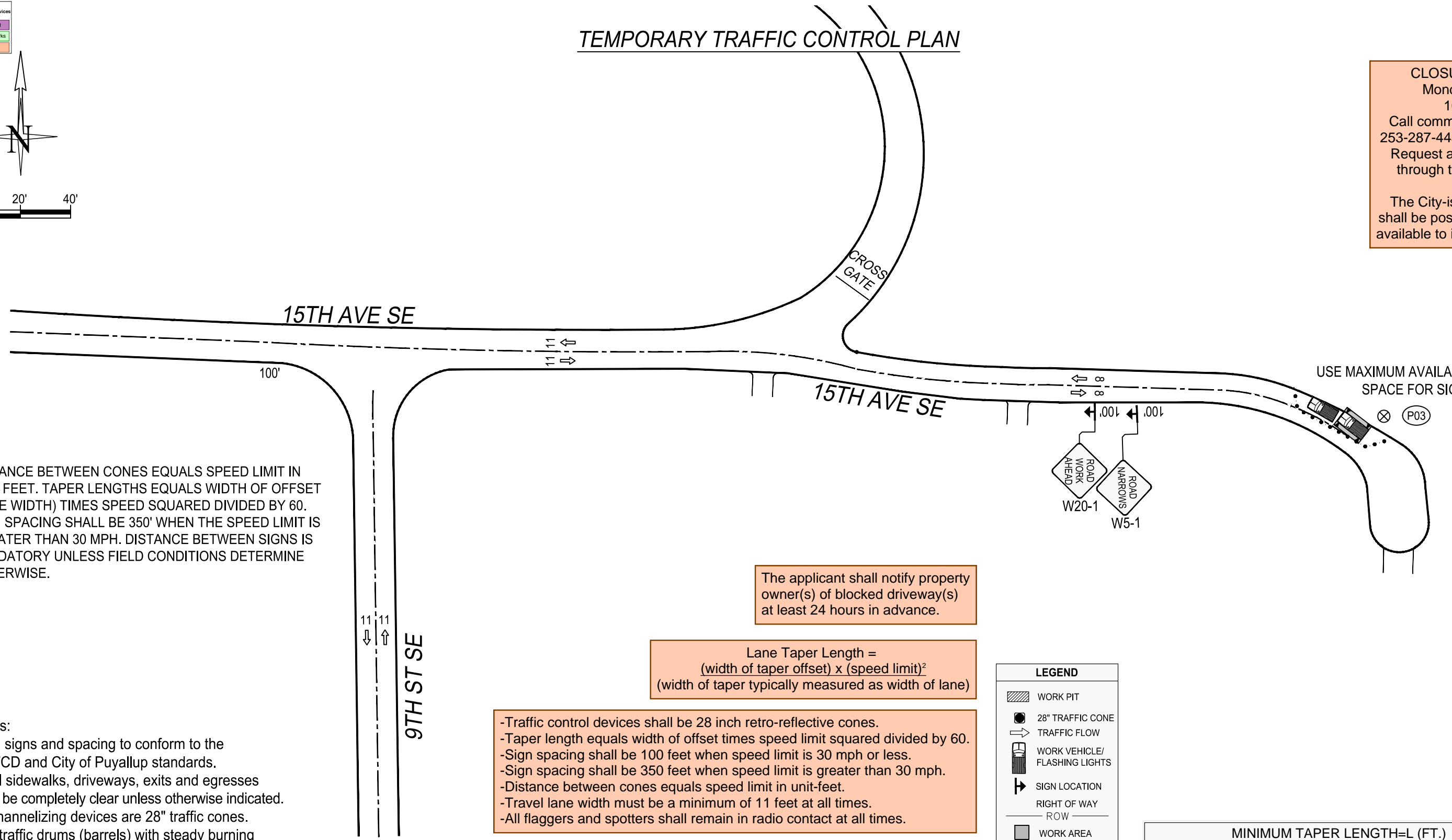
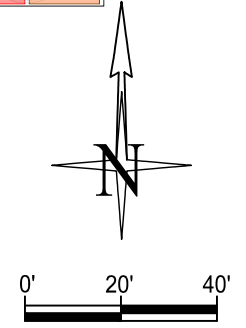
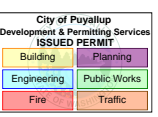
Puget Sound Energy  
 Traffic Control Supervisor:  
 John Crofoot  
 Card No. 012613  
 Card Exp. 10/31/24  
 John.Crofoot@pse.com  
 (425)424-6658  
 John W. Crofoot II

08/10/2023	REV 0
Job # 514142532	
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# TEMPORARY TRAFFIC CONTROL PLAN

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MPH	"X"
60/65	1000'
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**ALL EQUIPMENT AND WORKERS MUST BE OUT OF THE ROW PRIOR TO 3 P.M. NO EXCEPTION**

**LEGEND**

- WORK PIT
- 28" TRAFFIC CONE
- TRAFFIC FLOW
- WORK VEHICLE/ FLASHING LIGHTS
- SIGN LOCATION
- RIGHT OF WAY
- ROW
- WORK AREA
- CHEVRON ARROW BOARD
- UNIFORMED POLICE OFFICER
- FLAGGER

LANE WIDTH	MINIMUM TAPER LENGTH=L (FT.)										
	POSTED SPEED (MPH)										
	20	25	30	35	40	45	50	55	60	65	70
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11	75	115	165	225	295	495	550	605	660	-	-
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**PSE PUGET SOUND ENERGY**

Designer:  
 Jaber Tofan  
 206-406-8460  
 Jaber.tofan2@pse.com

Project Address:  
 1322 3RD ST SE Puyallup, WA 98372

Puget Sound Energy  
 Traffic Control Supervisor:  
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 John.Crofoot@pse.com  
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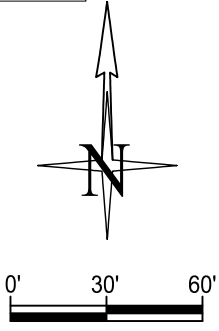
John W. Crofoot II

08/10/2023	REV 0
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# TEMPORARY TRAFFIC CONTROL PLAN

PRFUP20231261



**CLOSURE ALLOWED:**  
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9AM - 3PM  
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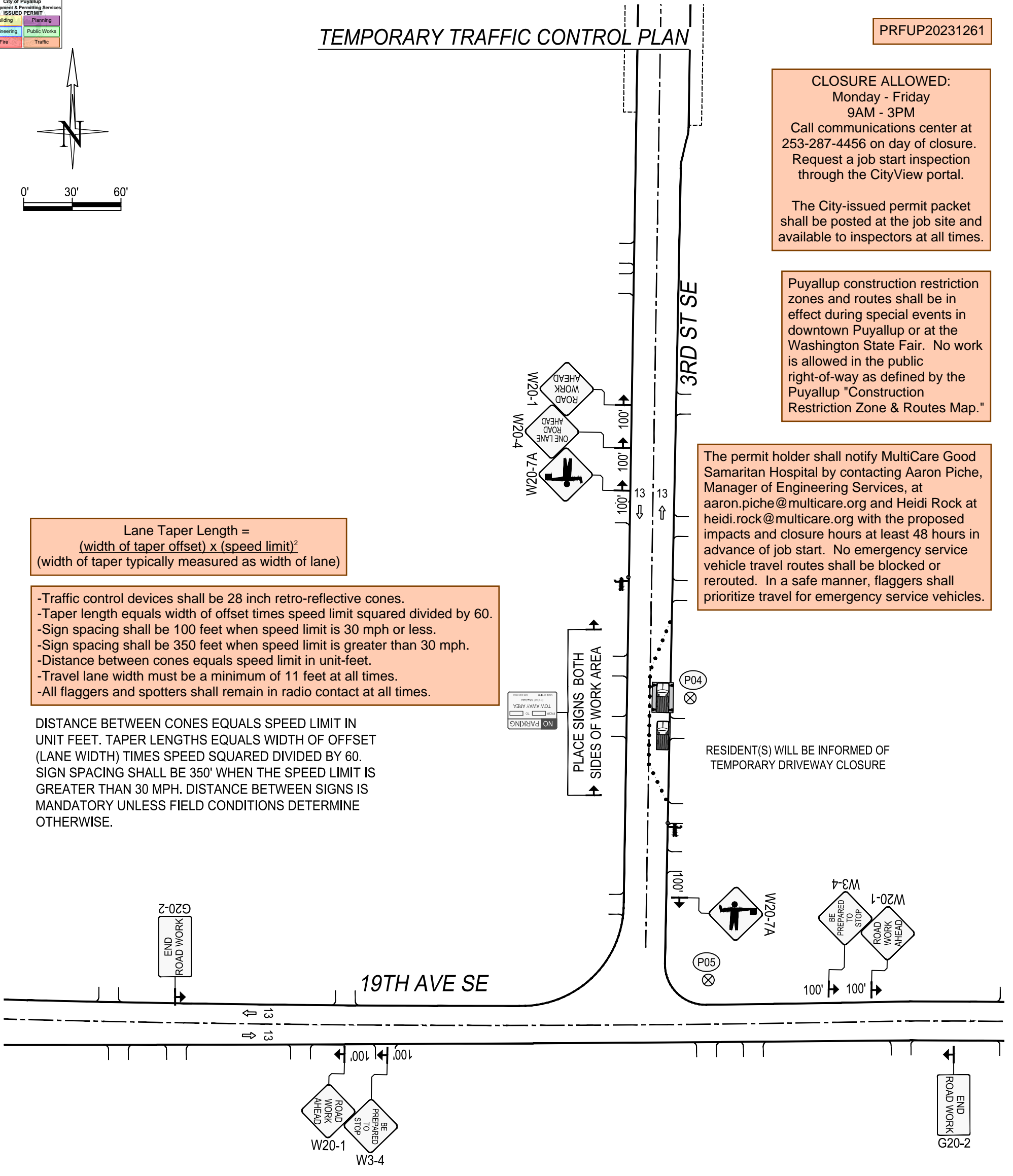
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8. Flaggers shall remain in radio contact at all times.
8. Work area will be (fill in locations by CL: street/avenue etc).

$$L = \frac{W \cdot S^2}{60}$$

SIGN SPACING	
MPH	"X"
60/65	1000'
45/55	500'
35/40	350'
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	POSTED SPEED (MPH)										
	20	25	30	35	40	45	50	55	60	65	70
10	70	105	150	205	270	475	500	550	-	-	-
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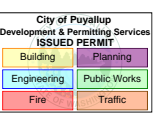
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	WORK AREA
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	UNIFORMED POLICE OFFICER
	FLAGGER

**PSE** PUGET SOUND ENERGY  
Designer:  
Jaber Tofan  
206-406-8460  
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Project Address:  
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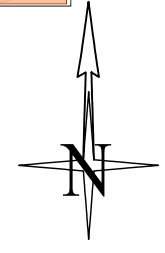
Puget Sound Energy  
Traffic Control Supervisor:  
John Crofoot  
Card No. 012813  
Card Exp. 10/31/24  
John.Crofoot@pse.com  
(425)424-6658  
*John V. Crofoot II*

08/10/2023	REV 0
Job # 514142532	
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# TEMPORARY TRAFFIC CONTROL PLAN



DISTANCE BETWEEN CONES EQUALS SPEED LIMIT IN UNIT FEET. TAPER LENGTHS EQUALS WIDTH OF OFFSET (LANE WIDTH) TIMES SPEED SQUARED DIVIDED BY 60. SIGN SPACING SHALL BE 350' WHEN THE SPEED LIMIT IS GREATER THAN 30 MPH. DISTANCE BETWEEN SIGNS IS MANDATORY UNLESS FIELD CONDITIONS DETERMINE OTHERWISE.

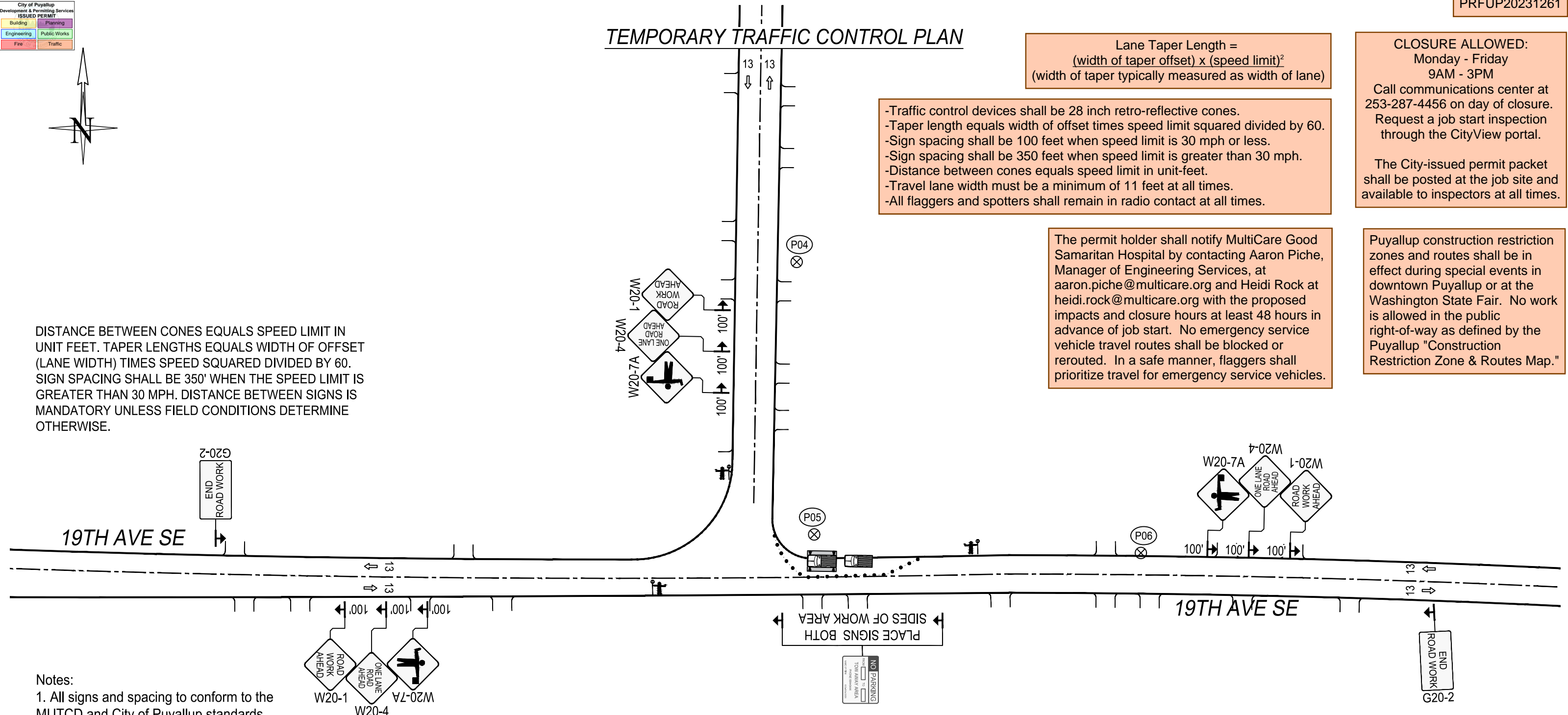
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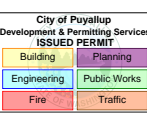
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# TEMPORARY TRAFFIC CONTROL PLAN

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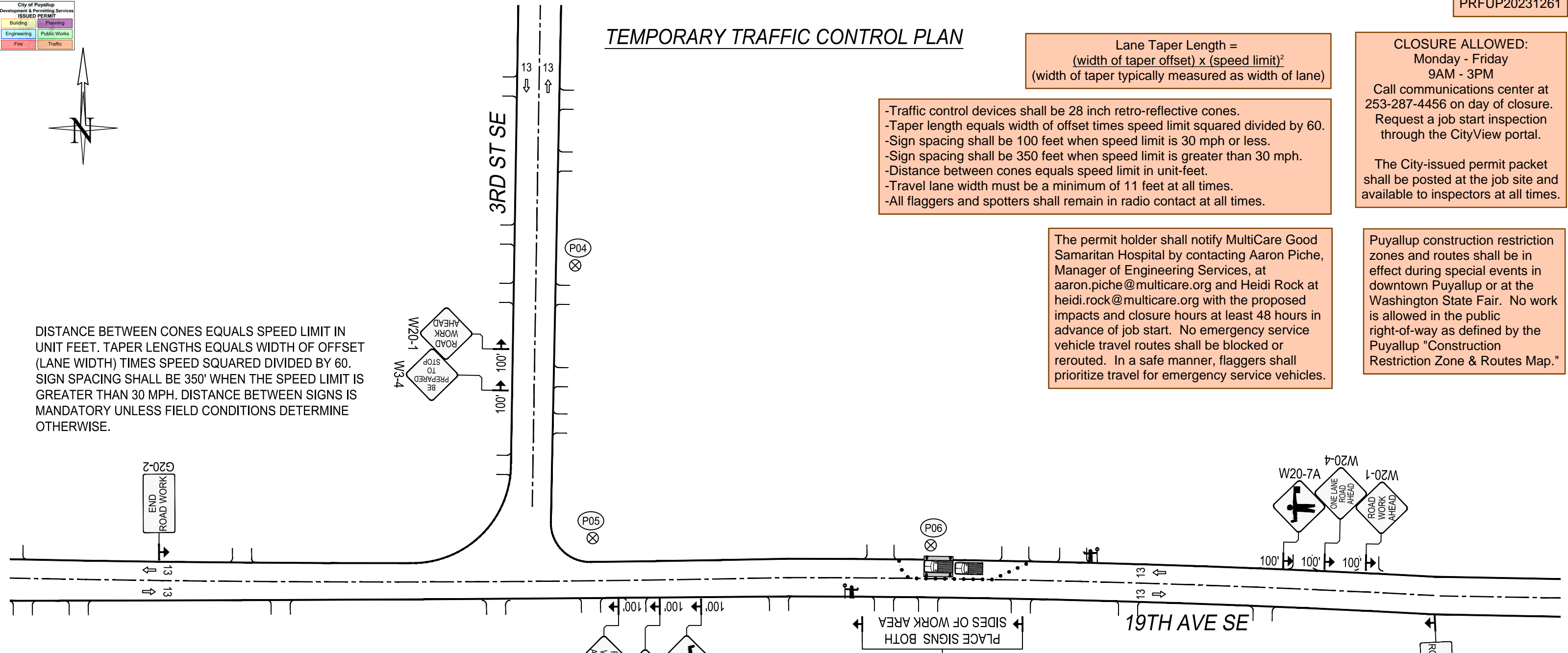
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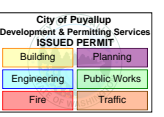
**MINIMUM TAPER LENGTH=L (FT.)**

LANE WIDTH	POSTED SPEED (MPH)										
	20	25	30	35	40	45	50	55	60	65	70
10	70	105	150	205	270	475	500	550	-	-	-
11	75	115	165	225	295	495	550	605	660	-	-
12	80	125	180	245	320	540	600	660	720	780	840

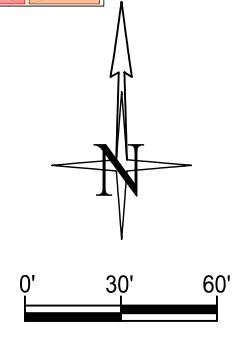
**PSE PUGET SOUND ENERGY**  
Designer: Jaber Tofan  
206-406-8460  
Jaber.tofan2@pse.com  
Project Address: 1322 3RD ST SE Puyallup, WA 98372

Puget Sound Energy  
Traffic Control Supervisor:  
John Crofoot  
Card No. 012613  
Card Exp. 10/31/24  
[John.Crofoot@pse.com](mailto:John.Crofoot@pse.com)  
(425)424-6658  
*John W. Crofoot II*

08/10/2023	REV 0
Job # 514142532	
Page	6 OF 13



# TEMPORARY TRAFFIC CONTROL PLAN



DISTANCE BETWEEN CONES EQUALS SPEED LIMIT IN UNIT FEET. TAPER LENGTHS EQUALS WIDTH OF OFFSET (LANE WIDTH) TIMES SPEED SQUARED DIVIDED BY 60. SIGN SPACING SHALL BE 350' WHEN THE SPEED LIMIT IS GREATER THAN 30 MPH. DISTANCE BETWEEN SIGNS IS MANDATORY UNLESS FIELD CONDITIONS DETERMINE OTHERWISE.

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

**CLOSURE ALLOWED:**  
Monday - Thursday  
9AM - 2PM

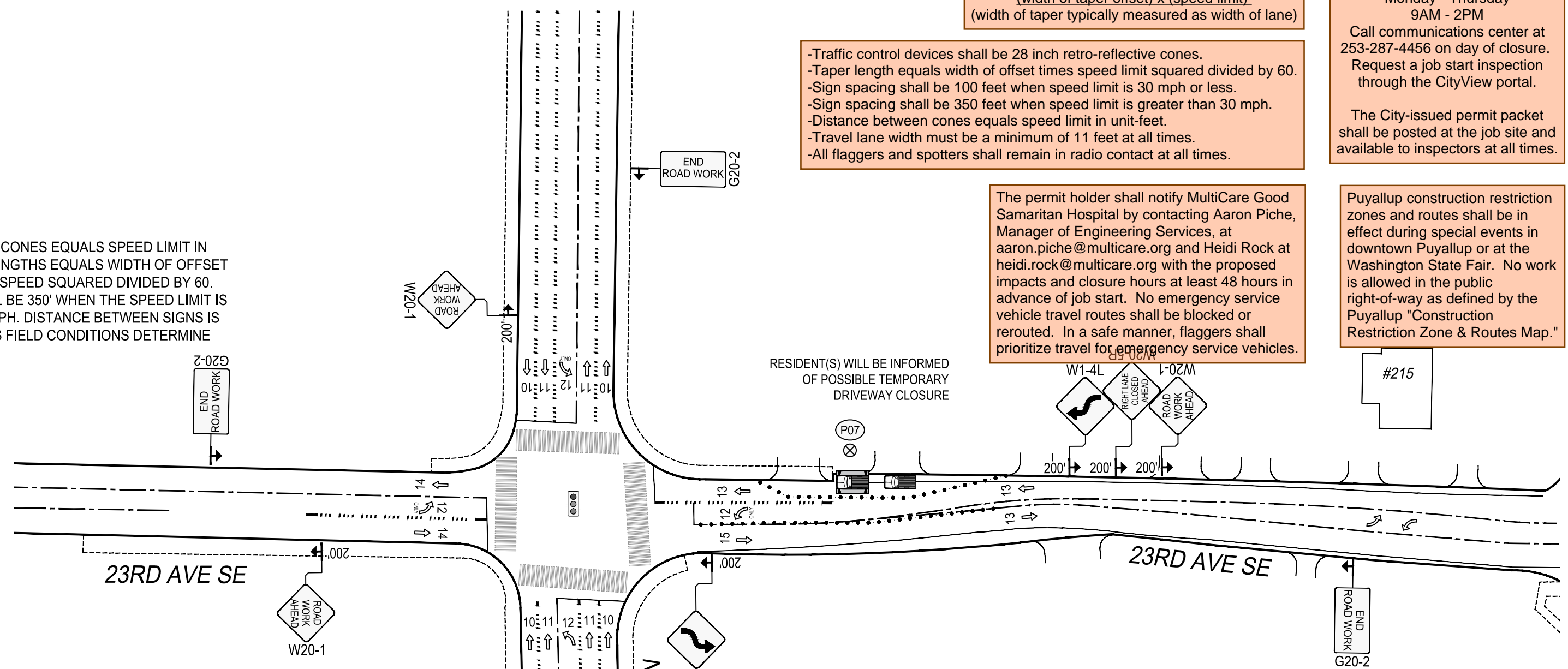
Call communications center at 253-287-4456 on day of closure. Request a job start inspection through the CityView portal.

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

- 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.

The permit holder shall notify MultiCare Good Samaritan Hospital by contacting Aaron Piche, Manager of Engineering Services, at aaron.piche@multicare.org and Heidi Rock at heidi.rock@multicare.org with the proposed impacts and closure hours at least 48 hours in advance of job start. No emergency service vehicle travel routes shall be blocked or rerouted. In a safe manner, flaggers shall prioritize travel for emergency service vehicles.

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."



- Notes:
- All signs and spacing to conform to the MUTCD and City of Puyallup standards.
  - All sidewalks, driveways, exits and egresses shall be completely clear unless otherwise indicated.
  - Channelizing devices are 28" traffic cones. Use traffic drums (barrels) with steady burning Type C lights on all State State Routes and Hwys.
  - Sign size can be a minimum of 36" x 36" and shall not obstruct pedestrian access.
  - Crew is required to leave a minimum of 10' for traveling lane width.
  - Alert affected residents and businesses.
  - ~~Work to take place between 9 a.m. and 4 p.m. unless otherwise specified. All work for arterials and major roadways will be from 9 a.m. to 3 p.m.~~
  - Flaggers shall remain in radio contact at all times.

**LEGEND**

- WORK PIT
- 28" TRAFFIC CONE
- TRAFFIC FLOW
- WORK VEHICLE/ FLASHING LIGHTS
- SIGN LOCATION
- RIGHT OF WAY
- ROW
- WORK AREA
- CHEVRON ARROW BOARD
- UNIFORMED POLICE OFFICER
- FLAGGER

$$L = \frac{W \cdot S^2}{60}$$

**SIGN SPACING**

MPH	"X"
60/65	1000'
45/55	500'
35/40	350'
25/30	100'

**ALL EQUIPMENT AND WORKERS MUST BE OUT OF THE ROW PRIOR TO 3 P.M. NO EXCEPTION**

**MINIMUM TAPER LENGTH=L (FT.)**

LANE WIDTH	POSTED SPEED (MPH)										
	20	25	30	35	40	45	50	55	60	65	70
10	70	105	150	205	270	475	500	550	-	-	-
11	75	115	165	225	295	495	550	605	660	-	-
12	80	125	180	245	320	540	600	660	720	780	840

**PSE PUGET SOUND ENERGY**

Designer:  
Jaber Tofan  
206-406-8460  
Jaber.tofan2@pse.com

Project Address:  
1322 3RD ST SE Puyallup, WA 98372

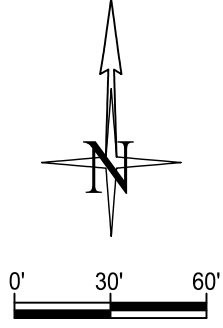
Puget Sound Energy  
Traffic Control Supervisor:  
John Crofoot  
Card No. 012613  
Card Exp. 10/31/24  
John.Crofoot@pse.com  
(425)424-6658

John W. Crofoot II

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Job # 514142532	
Page 7	OF 13



# TEMPORARY TRAFFIC CONTROL PLAN



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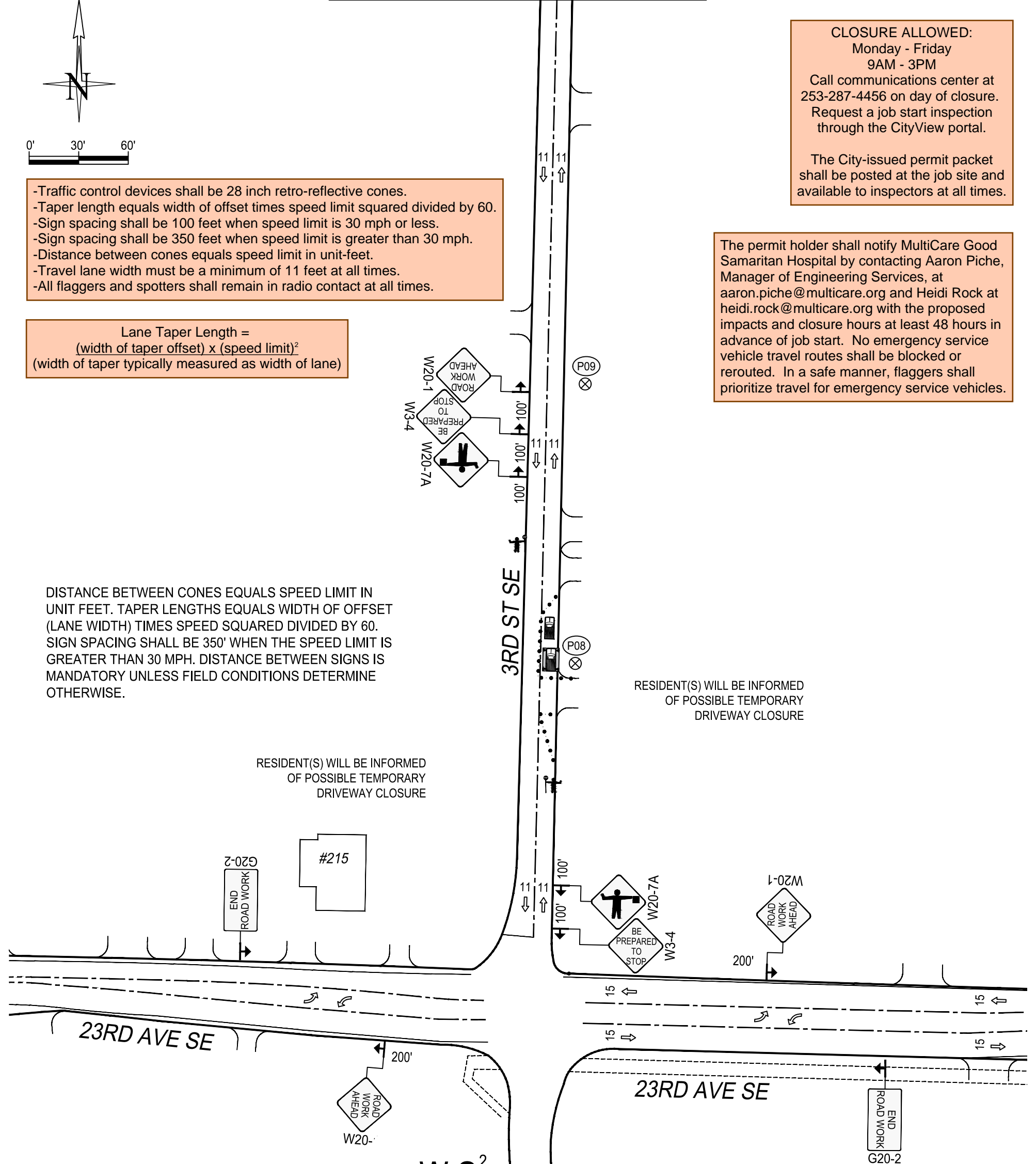
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RESIDENT(S) WILL BE INFORMED OF POSSIBLE TEMPORARY DRIVEWAY CLOSURE

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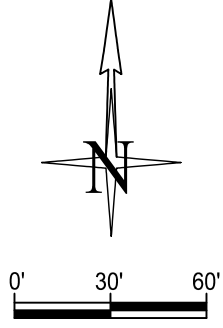
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	28" TRAFFIC CONE
	TRAFFIC FLOW
	WORK VEHICLE/FLASHING LIGHTS
	SIGN LOCATION
	RIGHT OF WAY
	ROW
	WORK AREA
	CHEVRON ARROW BOARD
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<p><b>PUGET SOUND ENERGY</b></p> <p>Designer: Jaber Tofan 206-406-8460 Jaber.tofan2@pse.com</p> <p>Project Address: 1322 3RD ST SE Puyallup, WA 98372</p>	<p>Puget Sound Energy Traffic Control Supervisor: John Crofoot Card No.: 012813 Card Exp.: 10/31/24 John.Crofoot@pse.com (425)424-6658</p> <p><i>John V. Crofoot II</i></p>	08/10/2023	REV 0
		Job # 514142532	
		Page	8 OF 13

# TEMPORARY TRAFFIC CONTROL PLAN



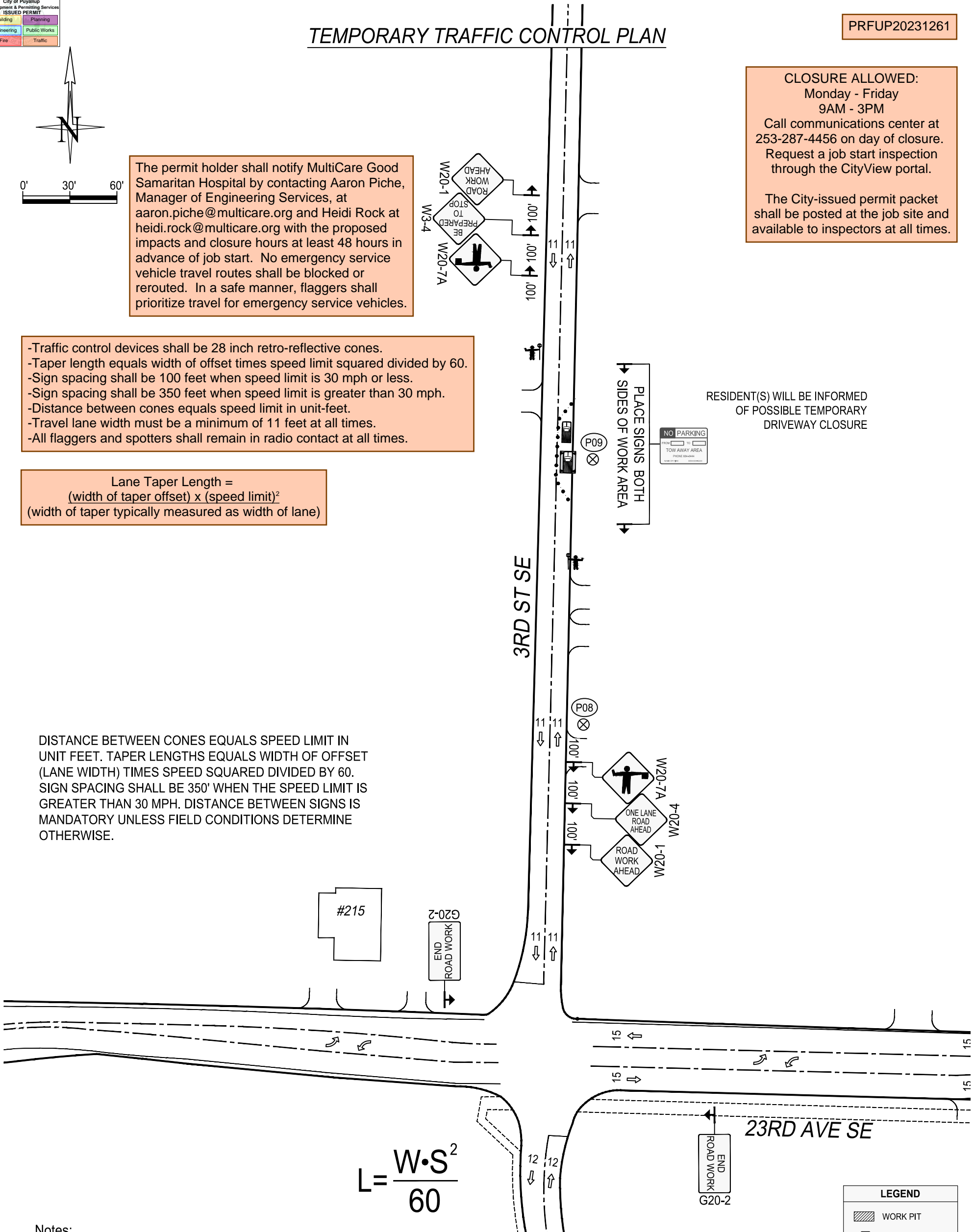
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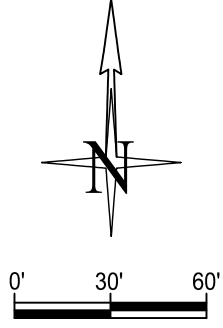
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**LEGEND**

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- RIGHT OF WAY
- ROW
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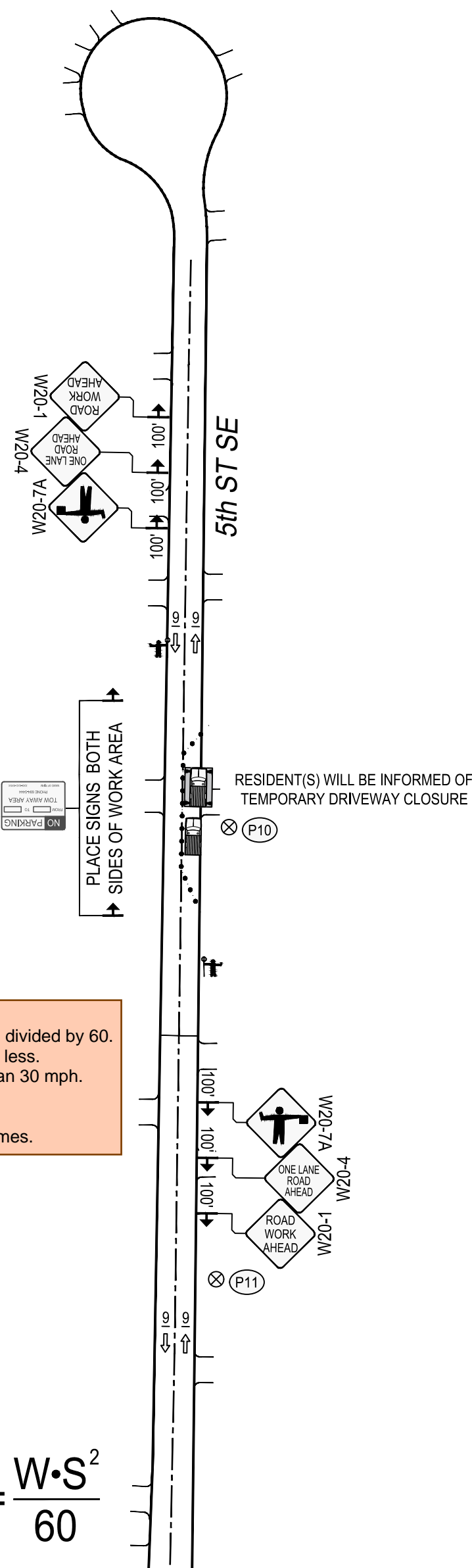


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RESID  
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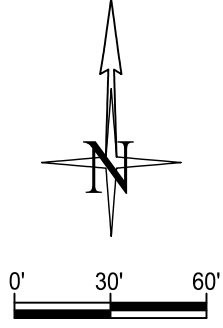
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	<p>Page 10 OF 13</p>		



# TEMPORARY TRAFFIC CONTROL PLAN



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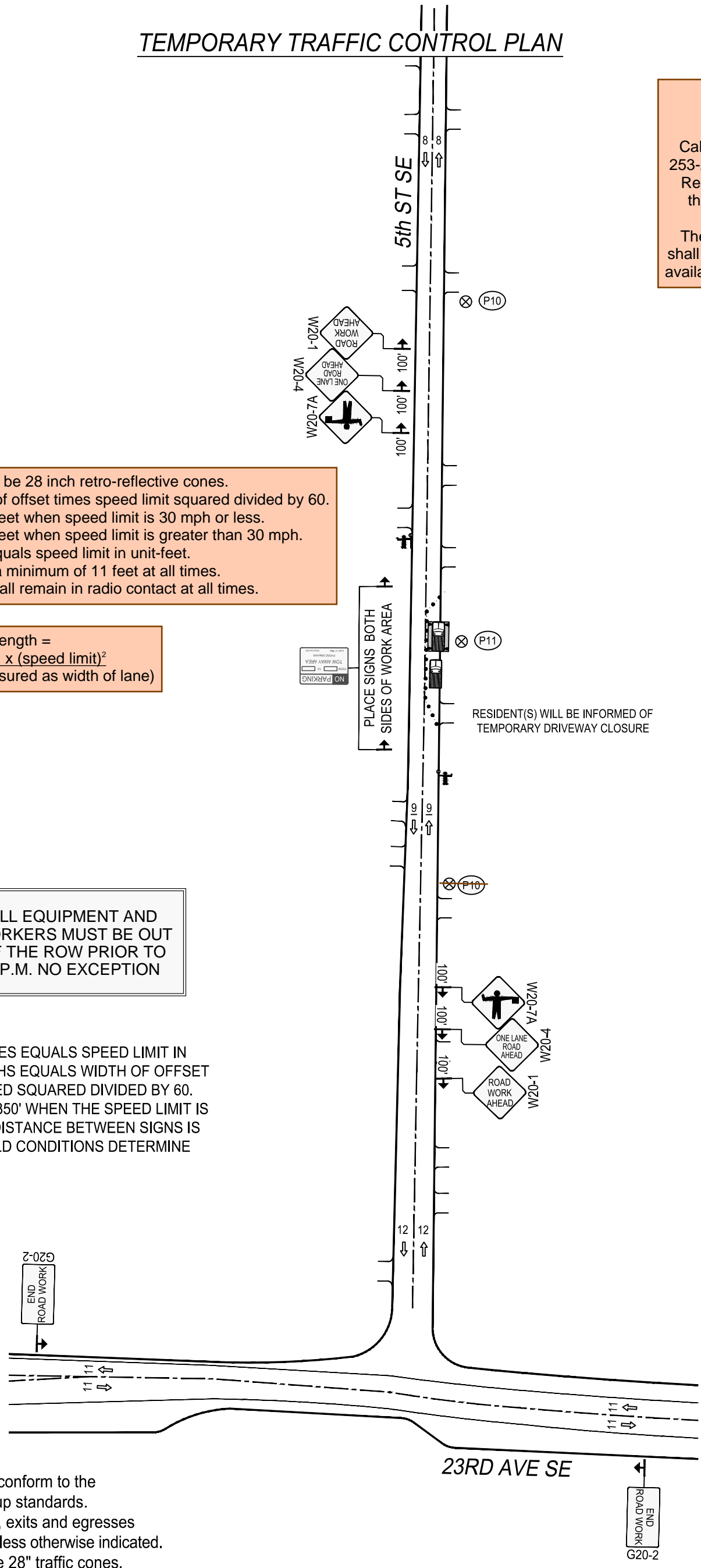
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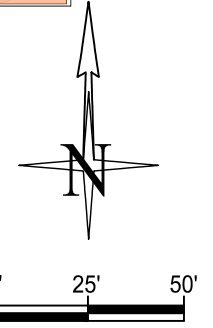
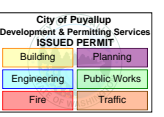
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	<p>Page 11 OF 13</p>		

# TEMPORARY TRAFFIC CONTROL PLAN



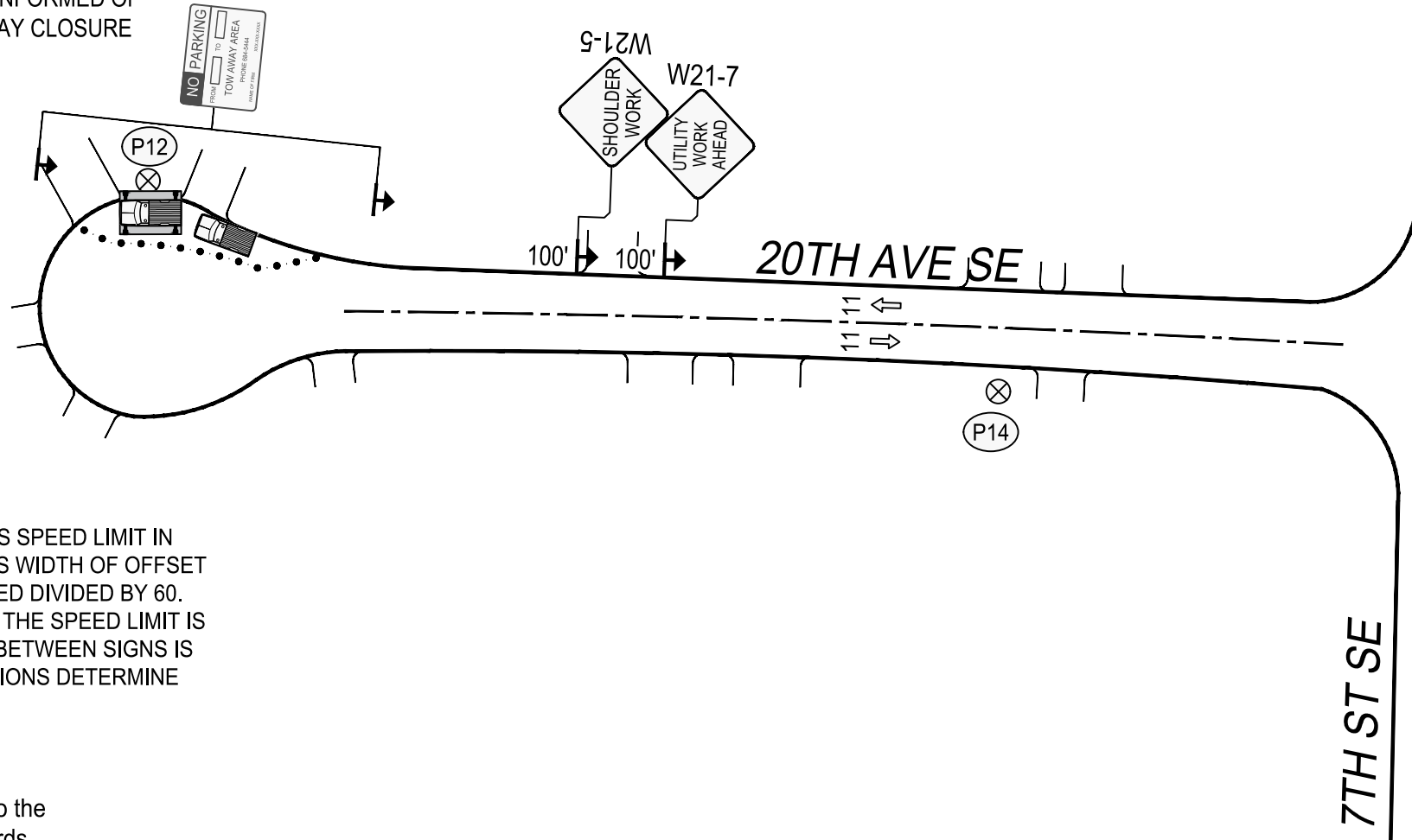
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**LEGEND**

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	WORK VEHICLE/ FLASHING LIGHTS
	SIGN LOCATION
	RIGHT OF WAY ROW
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08/10/2023	REV 0
Job # 514142532	
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US

City of Puyallup  
Development & Permitting Services  
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

# TEMPORARY TRAFFIC CONTROL PLAN

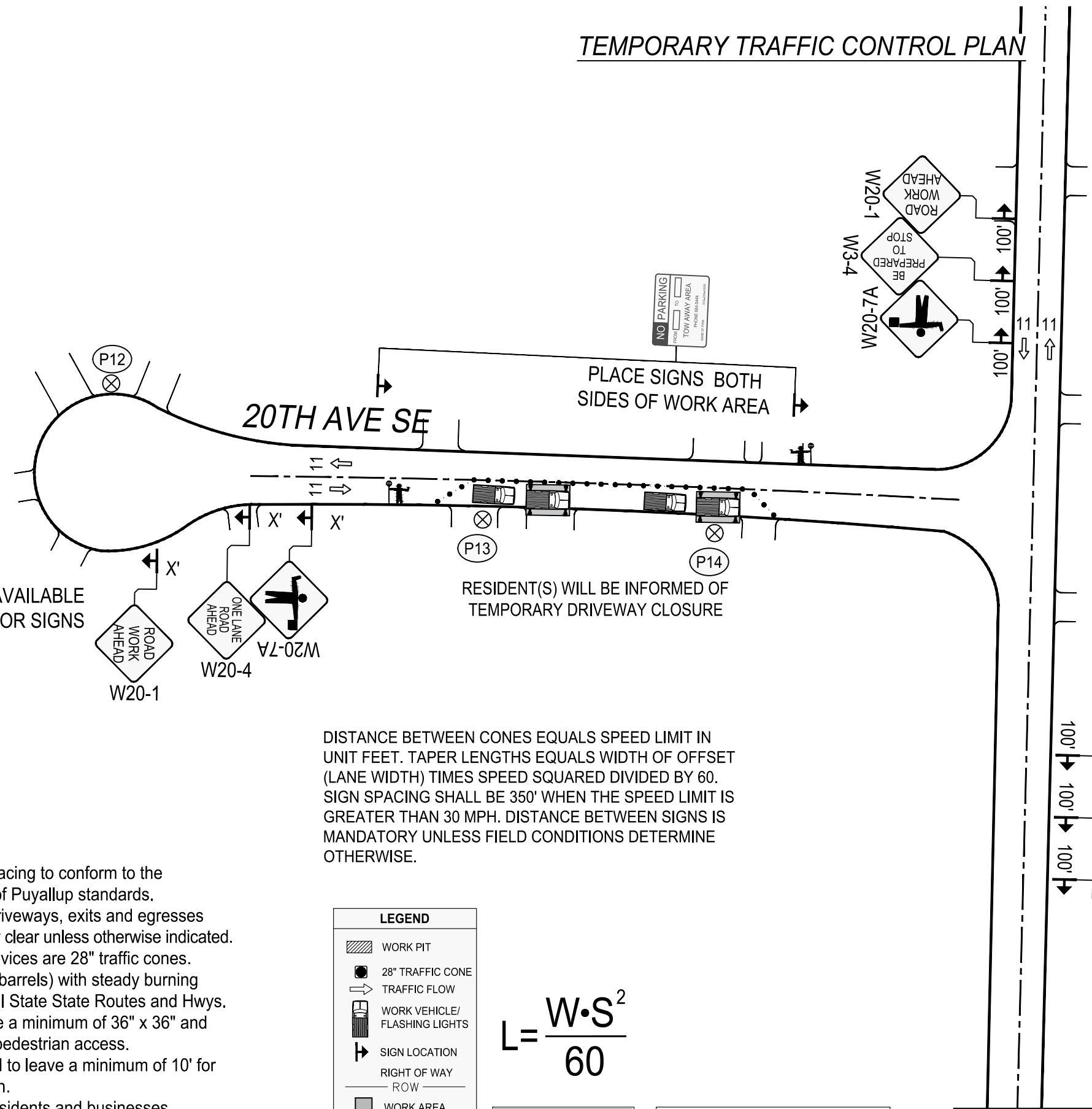
**CLOSURE ALLOWED:**  
Monday - Friday  
9AM - 3PM

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

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

- 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.



USE MAXIMUM AVAILABLE SPACE FOR SIGNS

PLACE SIGNS BOTH SIDES OF WORK AREA

RESIDENT(S) WILL BE INFORMED OF TEMPORARY DRIVEWAY CLOSURE

DISTANCE BETWEEN CONES EQUALS SPEED LIMIT IN UNIT FEET. TAPER LENGTHS EQUALS WIDTH OF OFFSET (LANE WIDTH) TIMES SPEED SQUARED DIVIDED BY 60. SIGN SPACING SHALL BE 350' WHEN THE SPEED LIMIT IS GREATER THAN 30 MPH. DISTANCE BETWEEN SIGNS IS MANDATORY UNLESS FIELD CONDITIONS DETERMINE OTHERWISE.

- Notes:
1. All signs and spacing to conform to the MUTCD and City of Puyallup standards.
  2. All sidewalks, driveways, exits and egresses shall be completely clear unless otherwise indicated.
  3. Channelizing devices are 28" traffic cones. Use traffic drums (barrels) with steady burning Type C lights on all State State Routes and Hwys.
  4. Sign size can be a minimum of 36" x 36" and shall not obstruct pedestrian access.
  5. Crew is required to leave a minimum of 10' for traveling lane width.
  6. Alert affected residents and businesses.
  7. ~~Work to take place between 9 a.m. and 4 p.m. unless otherwise specified. All work for arterials and major roadways will be from 9 a.m. to 3 p.m.~~
  8. Flaggers shall remain in radio contact at all times.

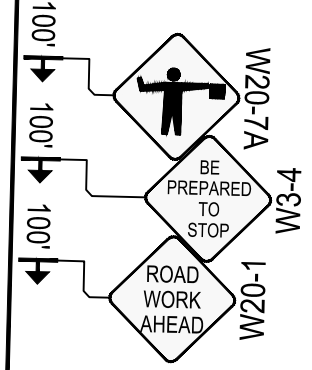
**LEGEND**

- WORK PIT
- 28" TRAFFIC CONE
- TRAFFIC FLOW
- WORK VEHICLE/ FLASHING LIGHTS
- SIGN LOCATION
- RIGHT OF WAY ROW
- WORK AREA
- CHEVRON ARROW BOARD
- UNIFORMED POLICE OFFICER
- FLAGGER

$$L = \frac{W \cdot S^2}{60}$$

SIGN SPACING	
MPH	"X"
60/65	1000'
45/55	500'
35/40	350'
25/30	100'

ALL EQUIPMENT AND WORKERS MUST BE OUT OF THE ROW PRIOR TO 3 P.M. NO EXCEPTION



LANE WIDTH	MINIMUM TAPER LENGTH=L (FT.)										
	POSTED SPEED (MPH)										
	20	25	30	35	40	45	50	55	60	65	70
10	70	105	150	205	270	475	500	550	-	-	-
11	75	115	165	225	295	495	550	605	660	-	-
12	80	125	180	245	320	540	600	660	720	780	840

**PSE PUGET SOUND ENERGY**

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08/10/2023	REV 0
Job # 514142532	
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