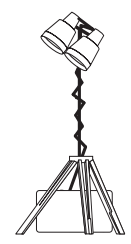


LEGEND

- WORK AREA
- 28" TRAFFIC CONE
- EXISTING TRAFFIC FLOW
- SIGN LOCATION
- FLAGGER/SPOTTER
- UNIFORMED POLICE OFFICER
- PROTECTIVE VEHICLE

See City of Puyallup Minimum Requirements for Night Traffic Control TE-007, last page of this TCP



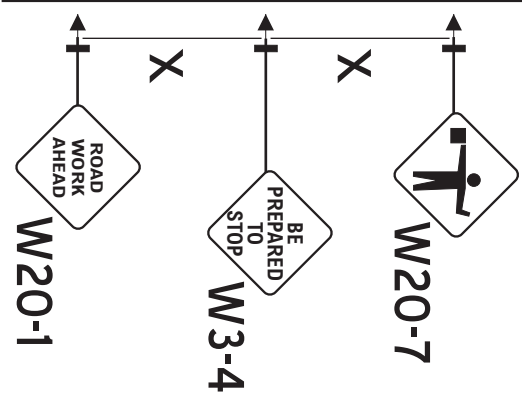
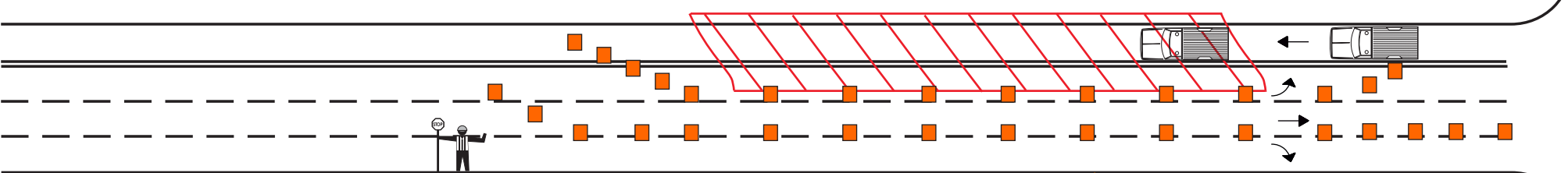
During hours of darkness, FLAGGER stations shall be illuminated without causing glare to the traveling public by using a portable light tower or approved alternative. (WAC 296-155-305)

GENERAL NOTES

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- THIS SIGN SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.
- ALERT PUBLIC TRANSIT 5 DAYS IN ADVANCE (IF APPLICABLE).
- PROTECTIVE VEHICLE RECOMMENDED-MAY BE A WORK VEHICLE.
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- CHANNELIZATION DEVICES ARE 28" REFL. CONES. (see TABLE 1 for spacing distances).
- ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE AT GRADE INTERSECTIONS AND/OR DRIVEWAYS.

For approved Traffic Control Plans that necessitate the use of police officer assistance, Puyallup Police officers will be utilized. Contact Tamara Ferrin at 253-841-5436 or email at: TAME@ci.puyallup.wa.us

2022-1831



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

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

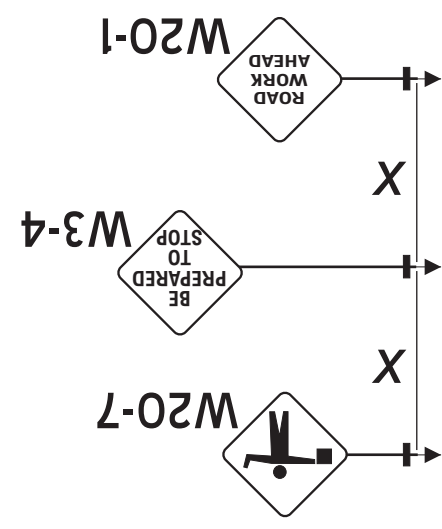
Lane Width (feet)	MINIMUM TAPER LENGTH = L (feet)									
	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
10	105	150	205	270	450	500	550	-	-	-
11	115	165	225	295	495	550	605	660	-	-
12	125	180	245	320	540	600	660	720	780	840

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	25/30 MPH	200'± (2)
RESIDENTIAL & BUSINESS DISTRICTS		
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

City of Puyallup
 Development & Permitting Services
 ISSUED PERMIT

- Building
- Planning
- Engineering
- Public Works
- Fire
- Traffic



23rd Ave SE



NOT TO SCALE

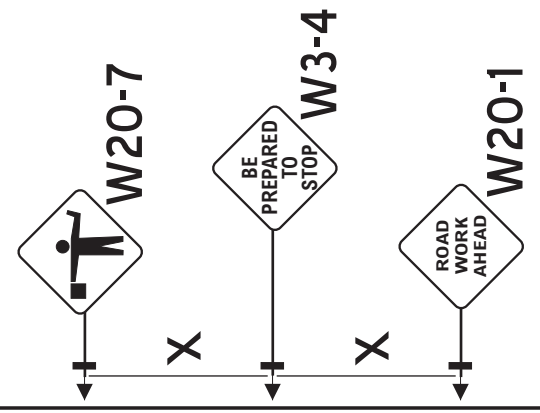
Traffic Control Supervisor
 Evergreen Safety Council
 CARD # 012371
 Traffic Plan Designer
 Raymond Guzman
 Exp. Date 02/28/24
 National Barricade Co. LLC
 Established in 1951

SET SIGNAL TO FLASHING RED

PRFUP20221830

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

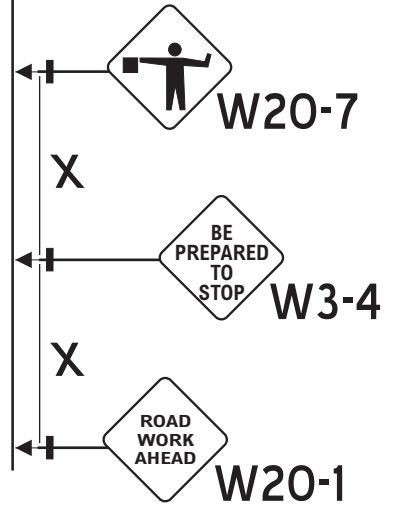
Flaggers shall remain in radio contact at all times



Night work required.
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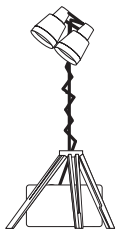
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BUFFER DATA											
LONGITUDINAL BUFFER SPACE = B											
SPEED (MPH)	25	30	35	40	45	50	55	60	65	70	
LENGTH (FEET)	155	200	250	305	360	425	495	570	645	730	
TRANSPORTABLE ATTENUATOR ROLL AHEAD DISTANCE = R											
HOST VEHICLE WEIGHT 9,000 to 22,000 LBS						HOST VEHICLE WEIGHT > 22,000 LBS					
<45MPH	45-55 MPH	>55 MPH	<45MPH	45-55 MPH	>55 MPH						
100'	123'	172'	74'	100'	150'						
PROTECTIVE VEHICLE (WORK VEHICLE)											
NO SPECIFIC DISTANCE REQUIRED											

LEGEND

- WORK AREA
- 28" TRAFFIC CONE
- EXISTING TRAFFIC FLOW
- SIGN LOCATION
- FLAGGER/SPOTTER
- PROTECTIVE VEHICLE



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NOT TO SCALE

PRFUP20221830

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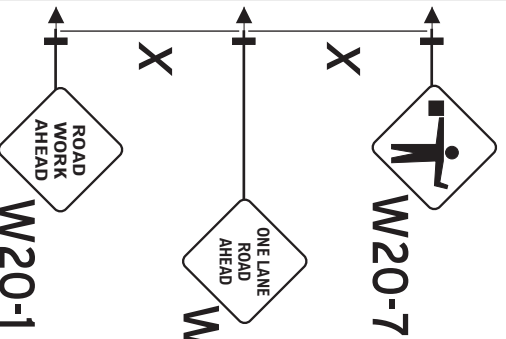
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2022-1831

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SHAW RD E

20th Ave Ct SE



City of Puyallup
 Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

CHANNELIZING DEVICE SPACING (FEET)

MPH	TAPER	TANGENT
50/70	40	80
35/45	30	60
25/30	20	40

MINIMUM 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	-	-
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BUFFER DATA

LONGITUDINAL BUFFER SPACE = B

SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
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TRANSPORTABLE ATTENUATOR ROLL AHEAD DISTANCE = R

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100'	123'	172'	74'	100'	150'

PROTECTIVE VEHICLE (WORK VEHICLE)
 NO SPECIFIC DISTANCE REQUIRED

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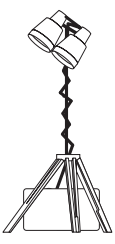
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Traffic Control Supervisor
 Evergreen Safety Council
 CARD # 012371
 Traffic Plan Designer
Raymond Guzman

Exp. Date 02/28/24
 National Barricade Co. LLC
 Established in 1951

LEGEND

- WORK AREA
- 28" TRAFFIC CONE
- EXISTING TRAFFIC FLOW
- SIGN LOCATION
- FLAGGER/SPOTTER
- PROTECTIVE VEHICLE



During hours of darkness, FLAGGER stations shall be illuminated without causing glare to the traveling public by using a portable light tower or approved alternative. (WAC 296-155-305)

This is private property. Contact property owner prior to placing any signs. It should be controlled as a driveway not right of way

GENERAL NOTES

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PRFUP20221830

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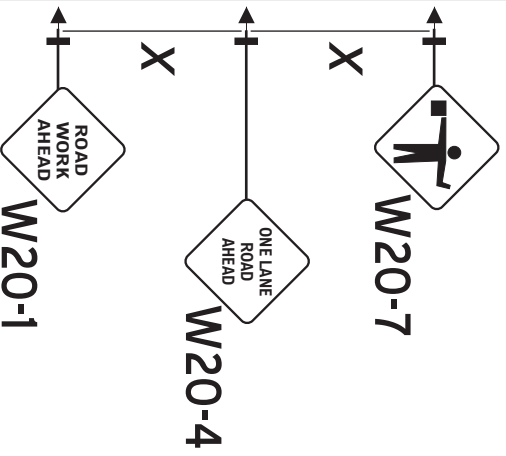
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2022-1831

SHAW RD E

16th Ave Ct SE

16th Ave SE



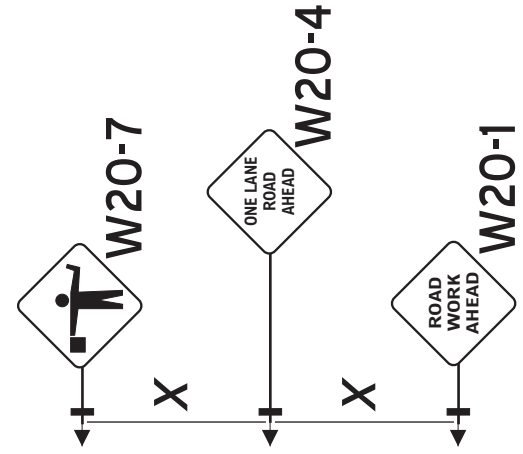
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MPH	TAPER	TANGENT
50/70	40	80
35/45	30	60
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Lane Width (feet)	MINIMUM TAPER LENGTH = L (feet)									
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	25	30	35	40	45	50	55	60	65	70
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Traffic Control Supervisor
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 CARD # 012371
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PROTECTIVE VEHICLE (WORK VEHICLE)										
NO SPECIFIC DISTANCE REQUIRED										



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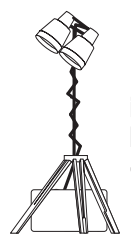
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City of Puyallup
 Development & Permitting Services
 ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

LEGEND

- WORK AREA
- 28" TRAFFIC CONE
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2022-1831

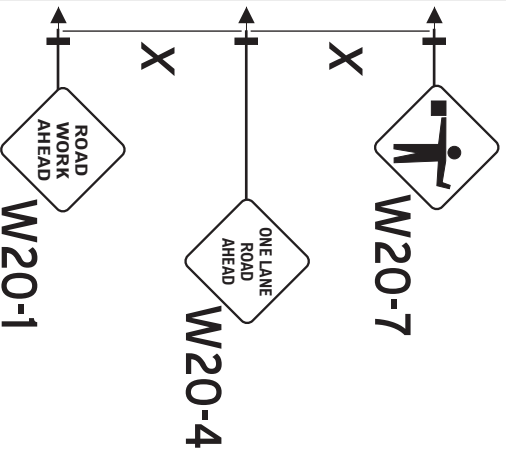
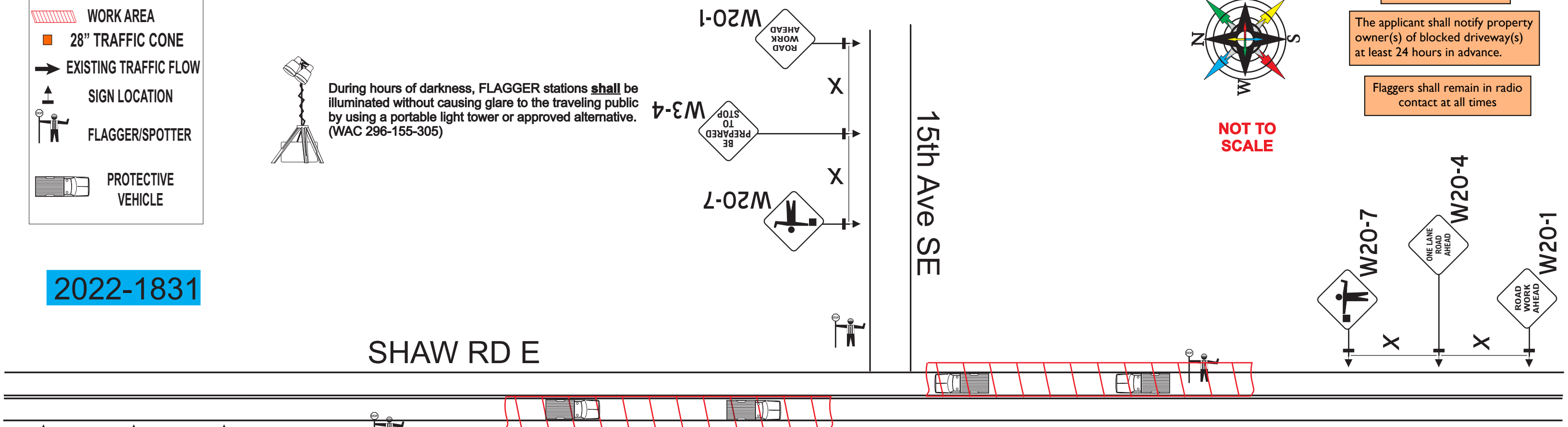
PRFUP20221830

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NOT TO SCALE



GENERAL NOTES

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CHANNELIZING DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
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Lane Width (feet)	MINIMUM TAPER LENGTH = L (feet)									
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City of Puyallup
 Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

TCP Sheet 4 of 10

Traffic control devices shall be 28 inch retro-reflective cones
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Traffic Control Supervisor
 Evergreen Safety Council
 CARD # 012371
 Traffic Plan Designer
Raymond Guzman

Exp. Date: 02/28/24
 National Barricade Co. LLC
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BUFFER DATA										
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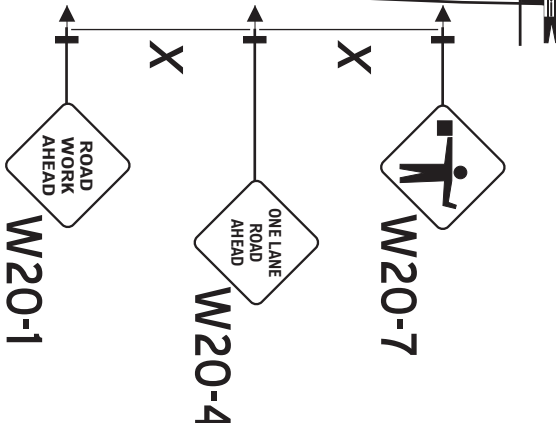
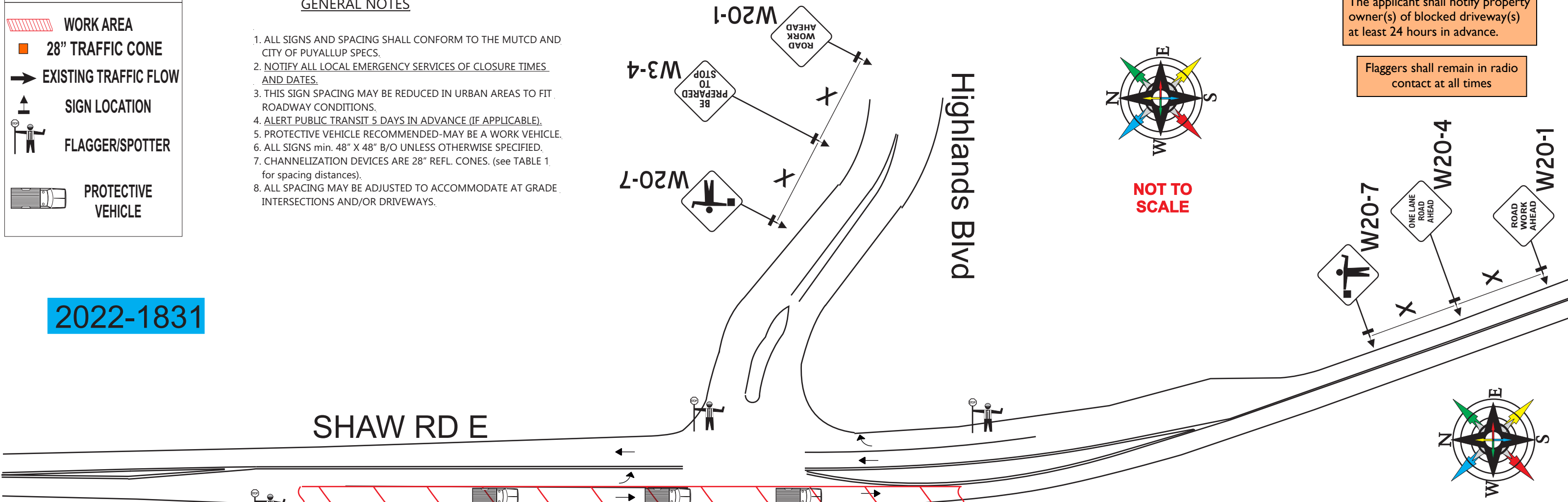
LEGEND

- WORK AREA
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2022-1831



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City of Puyallup
 Development & Permitting Services
ISSUED PERMIT

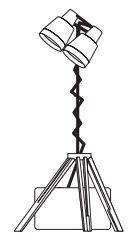
Building	Planning
Engineering	Public Works
Fire	Traffic

LEGEND

- WORK AREA
- 28" TRAFFIC CONE
- SIGN LOCATION
- ARROWBOARD LOCATION



NOT TO SCALE



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City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
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PRFUP20221830

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2022-1831

Traffic Control Supervisor
Evergreen Safety Council
CARD # 012371
Traffic Plan Designer
Raymond Guzman

Exp. Date
02/28/24

National Barricade Co. LLC
Established in 1951

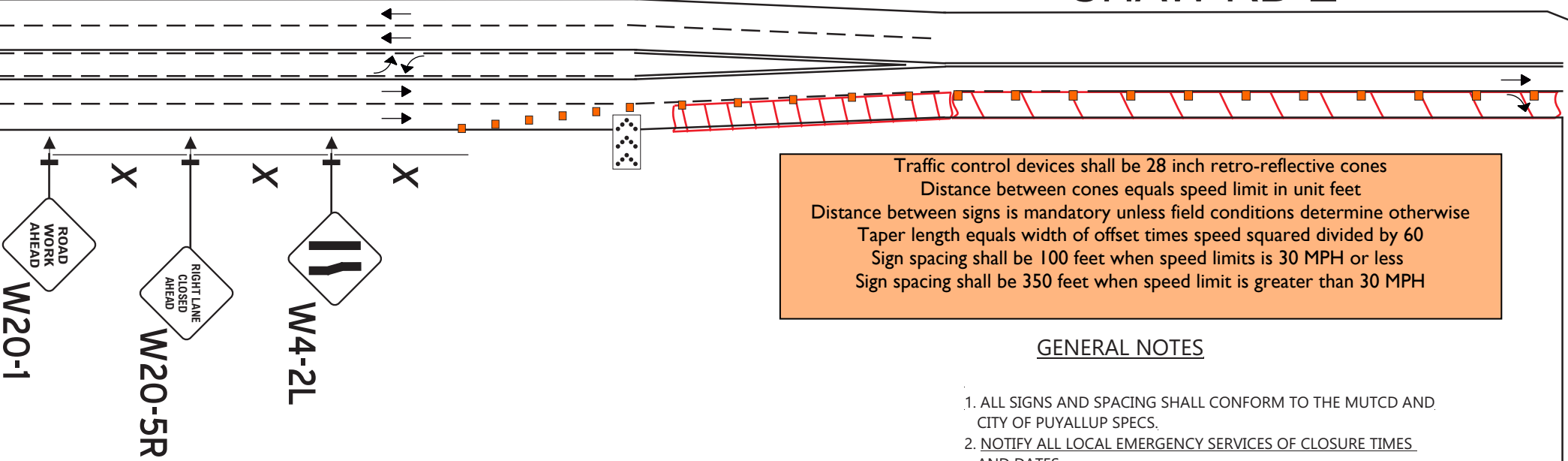
CHANNELIZING DEVICE SPACING (FEET)

MPH	TAPER	TANGENT
50/70	40	80
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MINIMUM TAPER LENGTH = L (feet)

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SHAW RD E



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Sign spacing shall be 350 feet when speed limit is greater than 30 MPH

GENERAL NOTES

1. ALL SIGNS AND SPACING SHALL CONFORM TO THE MUTCD AND CITY OF PUYALLUP SPECS.
2. NOTIFY ALL LOCAL EMERGENCY SERVICES OF CLOSURE TIMES AND DATES.
3. THIS SIGN SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.
4. ALERT PUBLIC TRANSIT 5 DAYS IN ADVANCE (IF APPLICABLE).
5. PROTECTIVE VEHICLE RECOMMENDED-MAY BE A WORK VEHICLE.
6. ALL SIGNS min. 48" X 48" B/O UNLESS OTHERWISE SPECIFIED.
7. CHANNELIZATION DEVICES ARE 28" REFL. CONES. (see TABLE 1 for spacing distances).
8. ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE AT GRADE INTERSECTIONS AND/OR DRIVEWAYS.

12th Ave SE

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
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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 9,000 to 22,000 LBS			HOST VEHICLE WEIGHT > 22,000 LBS		
<45MPH	45-55 MPH	>55 MPH	<45MPH	45-55 MPH	>55 MPH
100'	123'	172'	74'	100'	150'

PROTECTIVE VEHICLE (WORK VEHICLE)
NO SPECIFIC DISTANCE REQUIRED

Night work required.
Closure allowed Sunday night - Thursday night 9p.m. - 5a.m. only.
Prior to scheduling work coordinate with the city by calling the Engineering Inspection Message Line: Phone: 253-435-3650
A minimum of 48 hours advance notice is required for coordination/scheduling purposes.
Also see Minimum Requirements for Night Traffic Control TE-007, attached.

Night Work Requirement:
Applicant must provide 48hr. notification to residents and businesses within 300 feet of the work area either via door hanger, message board or signs posted visibly along the right-of-way

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

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

MINIMUM TAPER LENGTH = L (feet)										
Posted Speed (mph)										
25	30	35	40	45	50	55	60	65	70	
05	150	205	270	450	500	550	-	-	-	
15	165	225	295	495	550	605	660	-	-	
12	125	180	245	320	540	600	660	720	780	840

PRFUP20221830
 The applicant shall notify property owner(s) of blocked driveway(s) at least 24 hours in advance.



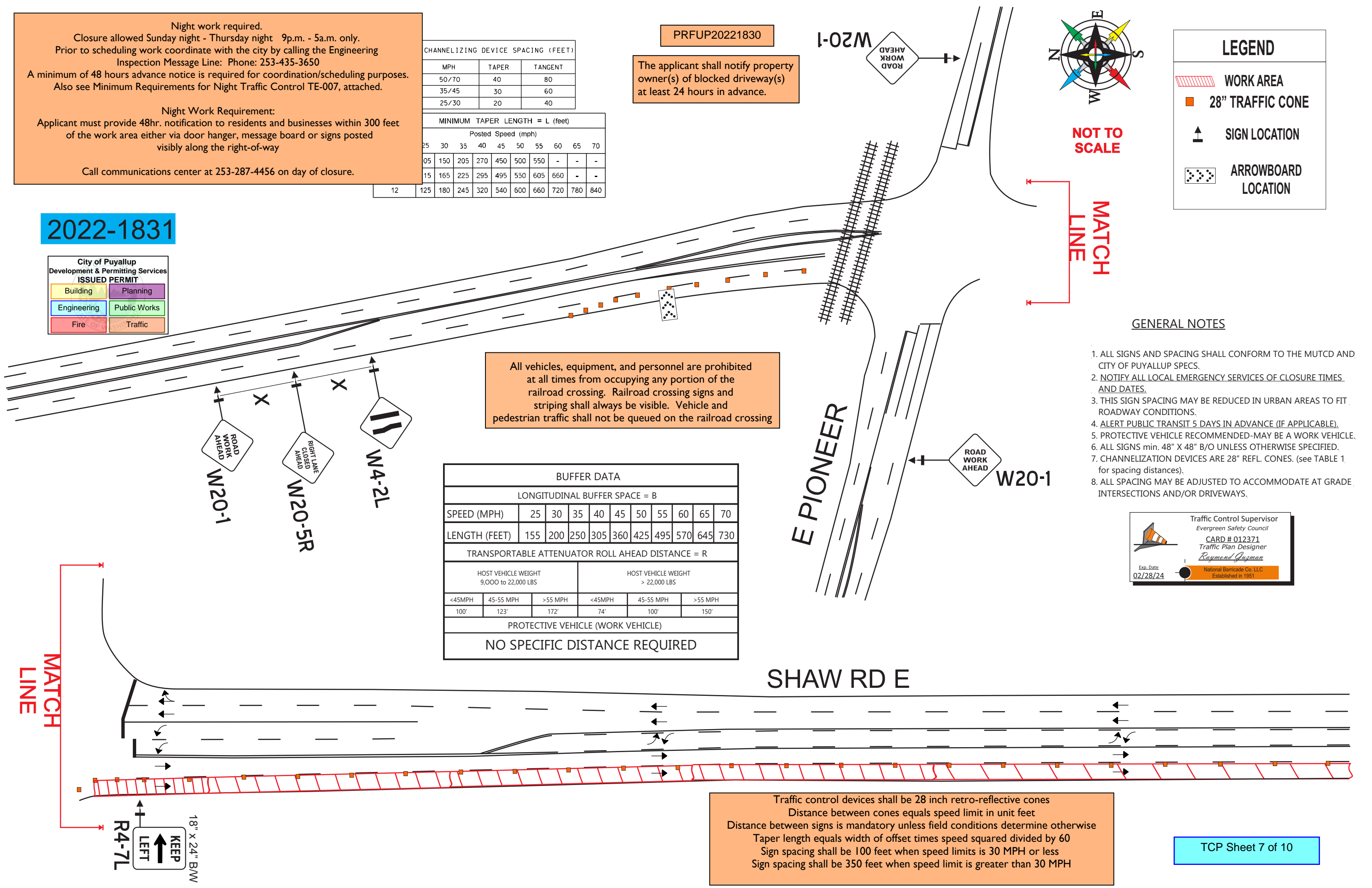
LEGEND

- WORK AREA
- 28" TRAFFIC CONE
- SIGN LOCATION
- ARROWBOARD LOCATION

2022-1831

City of Puyallup
 Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic



All vehicles, equipment, and personnel are prohibited at all times from occupying any portion of the railroad crossing. Railroad crossing signs and striping shall always be visible. Vehicle and pedestrian traffic shall not be queued on the railroad crossing

BUFFER DATA						
LONGITUDINAL BUFFER SPACE = B						
SPEED (MPH)	25	30	35	40	45	50
LENGTH (FEET)	155	200	250	305	360	425
TRANSPORTABLE ATTENUATOR ROLL AHEAD DISTANCE = R						
HOST VEHICLE WEIGHT 9,000 to 22,000 LBS			HOST VEHICLE WEIGHT > 22,000 LBS			
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100'	123'	172'	74'	100'	150'	
PROTECTIVE VEHICLE (WORK VEHICLE)						
NO SPECIFIC DISTANCE REQUIRED						

NOT TO SCALE

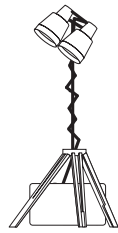
MATCH LINE

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Traffic Control Supervisor
 Evergreen Safety Council
 CARD # 012371
 Traffic Plan Designer
Raymond Guzman
 Exp. Date 02/28/24
 National Barricade Co. LLC
 Established in 1951

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
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During hours of darkness, FLAGGER stations shall be illuminated without causing glare to the traveling public by using a portable light tower or approved alternative. (WAC 296-155-305)

City of Puyallup Development & Permitting Services ISSUED PERMIT	
Building	Planning
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SET SIGNAL TO FLASHING RED

2022-1831

For approved Traffic Control Plans that necessitate the use of police officer assistance, Puyallup Police officers will be utilized. Contact Tamara Ferrin at 253-841-5436 or email at: TAME@ci.puyallup.wa.us

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



NOT TO SCALE

Lane Width (feet)	MINIMUM TAPER LENGTH = L (feet)									
	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
10	105	150	205	270	450	500	550	-	-	-
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LEGEND

- WORK AREA
- 28" TRAFFIC CONE
- EXISTING TRAFFIC FLOW
- SIGN LOCATION
- FLAGGER/SPOTTER
- UNIFORMED POLICE OFFICER
- PROTECTIVE VEHICLE

Traffic Control Supervisor
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 Traffic Plan Designer
Raymond Guzman
 Exp. Date 02/28/24
 National Barricade Co. LLC
 Established in 1991

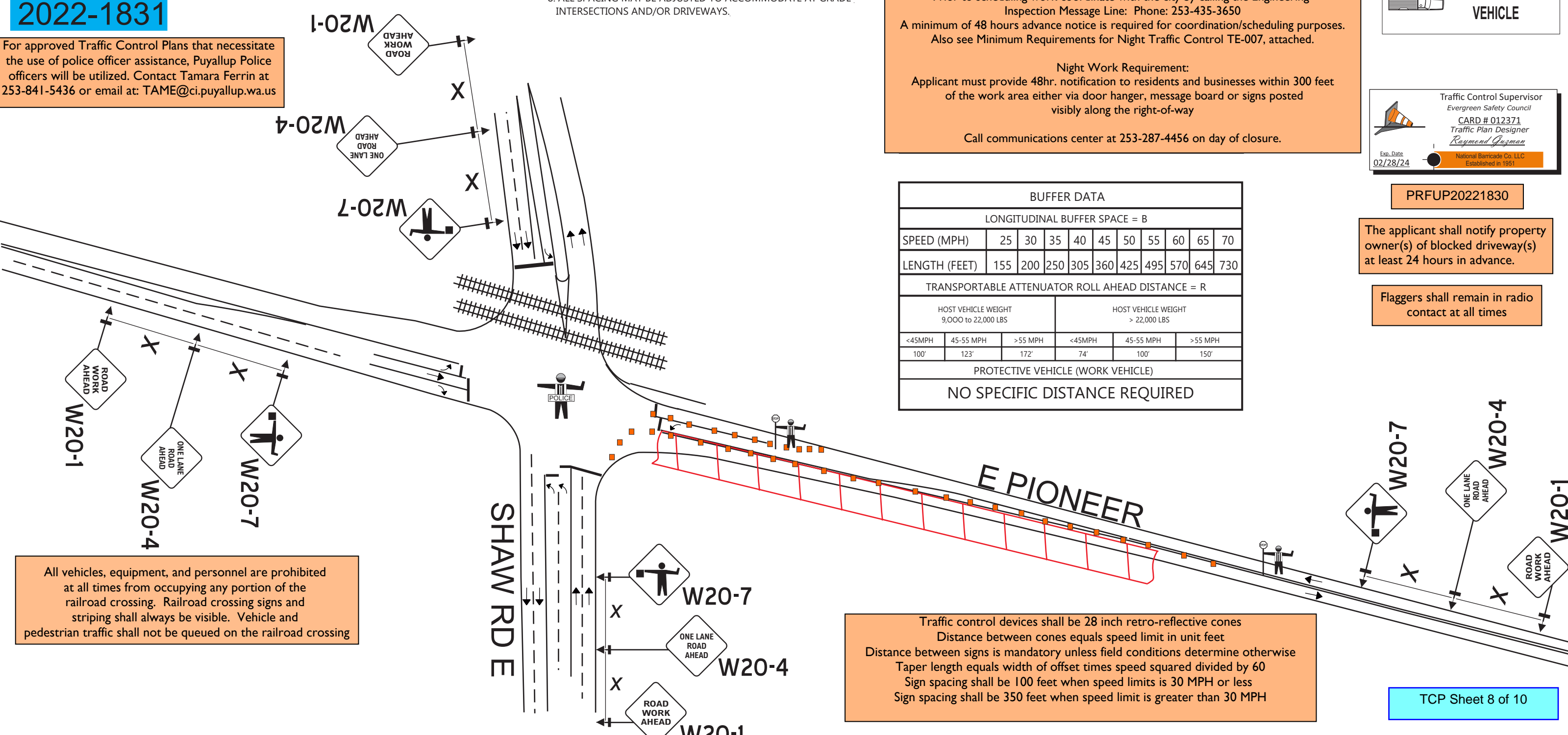
PRFUP20221830

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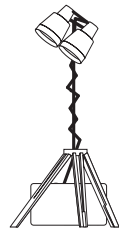
Flaggers shall remain in radio contact at all times

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
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City of Puyallup
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Building	Planning
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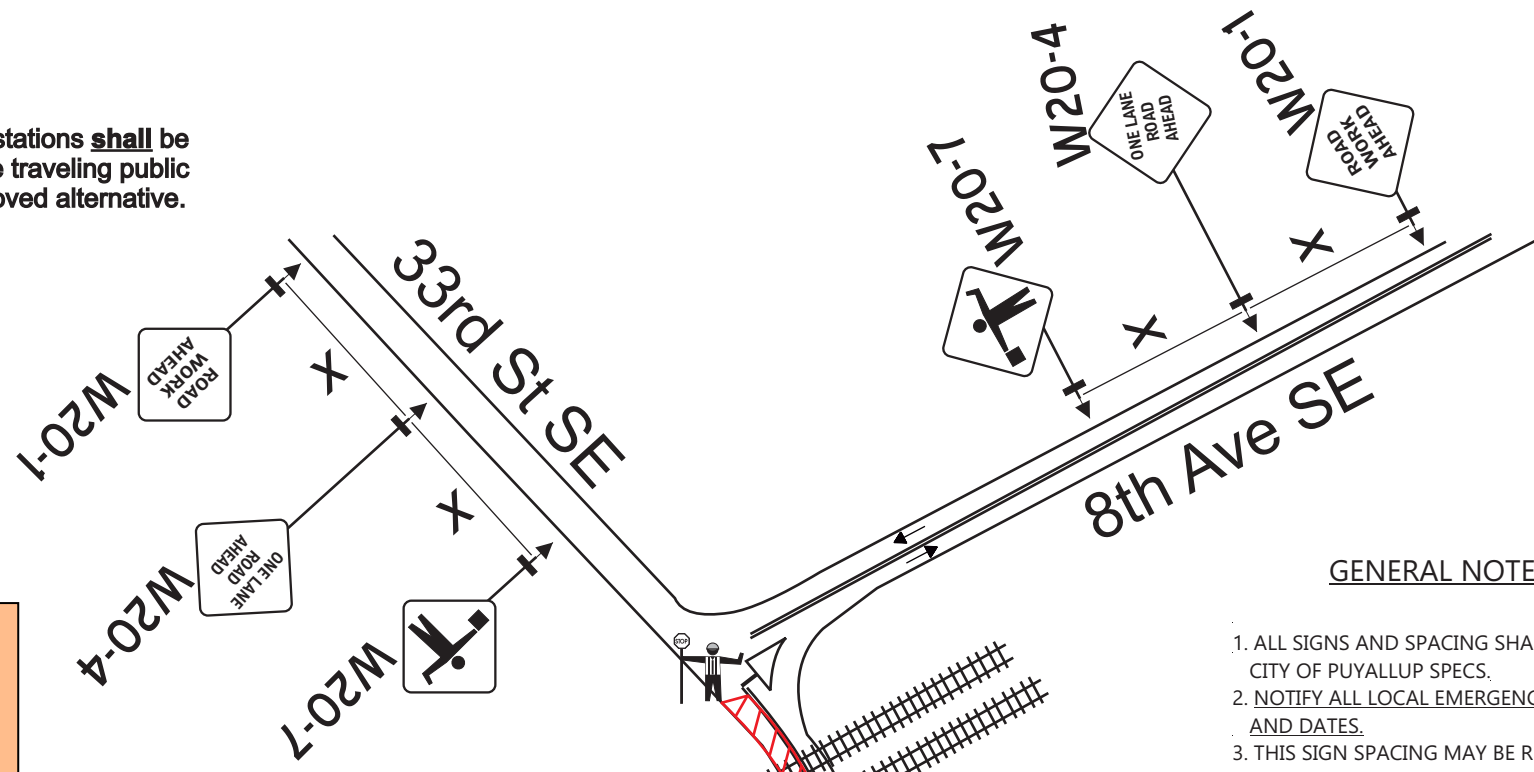
2022-1831



NOT TO SCALE

LEGEND

- WORK AREA
- 28" TRAFFIC CONE
- EXISTING TRAFFIC FLOW
- SIGN LOCATION
- FLAGGER/SPOTTER
- PROTECTIVE VEHICLE



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PRFUP20221830

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E PIONEER

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CITY OF PUYALLUP

Engineering Services

333 S Meridian, Puyallup, WA 98371
Tel: (253) 841-5568 Fax: (253) 840-6678
www.cityofpuyallup.org

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

PRFUP20221830

TCP Sheet 10 of 10

City of Puyallup Minimum Requirements for Night Traffic Control TE-007

Location: _____

Contractor: _____

Date: _____

Time: _____

- Road must be opened by 5:00 AM
- Contractor shall call Comm Center to advise at 253-287-4456 prior to work start
- Work site shall have adequate lighting. Tapers shall be done with reflective drums with flashing lights at the start and end of each line of channeling drums and steady burning lights to outline open roadway
- Personnel in work zone are required to wear clothing with retroreflective material that meets the criteria established by American National Standard (ANSI) 107-1999, MUTCD Section 6
- Flashing Arrows are required on roads such as River Road, Valley Ave and E. Main.
- Approved Traffic Control Plans shall be followed as a minimum at all times
- If field conditions require additional lights, cones, or signage, the Contractor shall improve the Traffic Control Plan as needed
- **If approved Traffic Control Plans necessitate the use of police officer assistance, Puyallup Police shall be utilized. Contact Tame Ferrin at 253-841-5436 or via email at Tame@puyallupwa.gov to coordinate. Twenty-four hours advanced notice is required for coordination/scheduling purposes.**

Contractor Signature: _____

Date: _____