

PRFUP20241805

TRAFFIC CONTROL PLAN

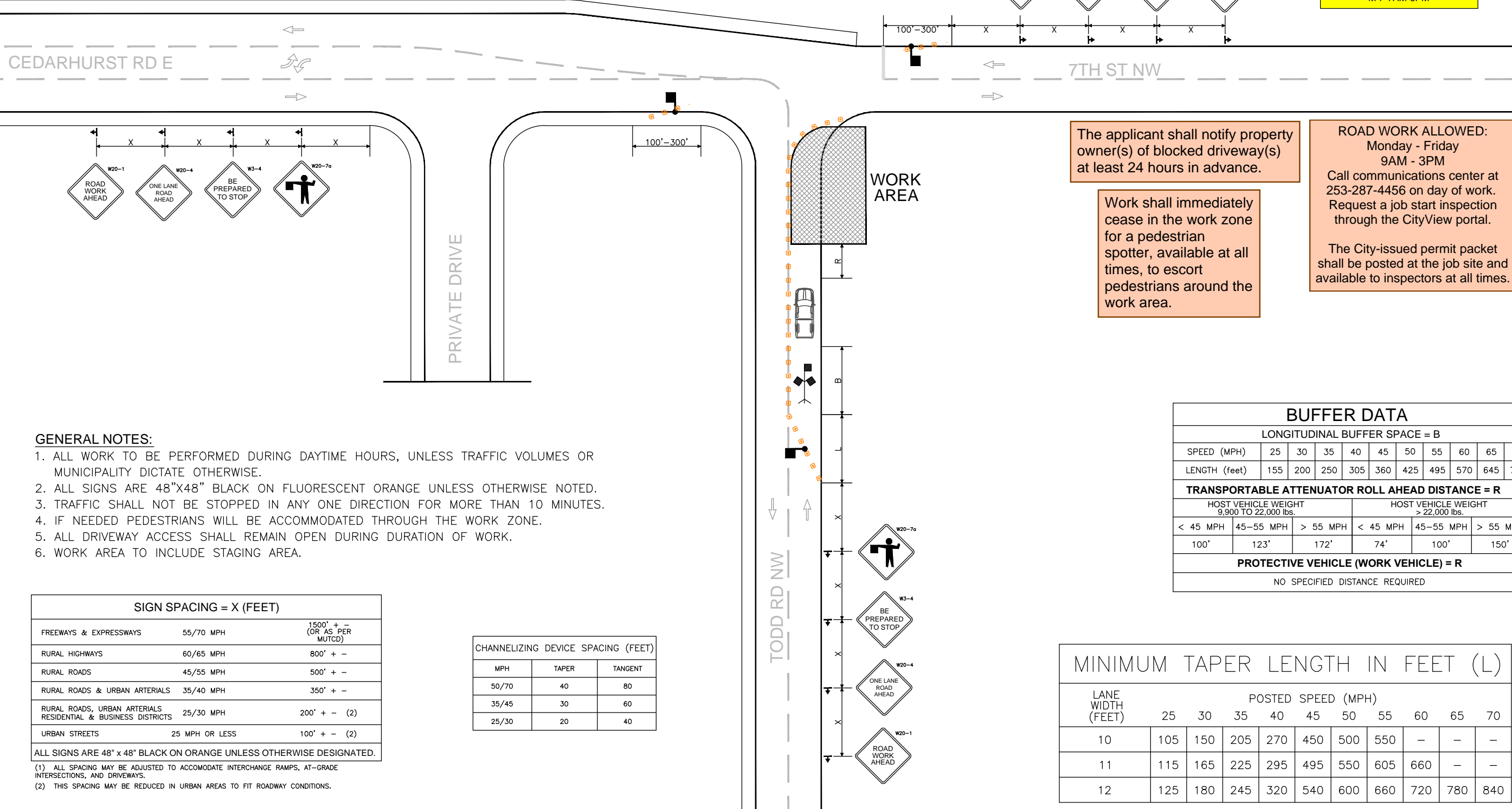
SHORT TERM STATIONARY WORK ZONE FOR UNDERGROUND WORK

- 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.

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

CONTACT INFO:
FIBE SOLUTIONS
PROJECT MANAGER
RON DESMET
206.571.2230

TYPE OF WORK:
UNDERGROUND
WORK HOURS:
M-F 7AM-5PM



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.

ROAD WORK ALLOWED:
Monday - Friday
9AM - 3PM
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.

GENERAL NOTES:

1. ALL WORK TO BE PERFORMED DURING DAYTIME HOURS, UNLESS TRAFFIC VOLUMES OR MUNICIPALITY DICTATE OTHERWISE.
2. ALL SIGNS ARE 48"x48" BLACK ON FLUORESCENT ORANGE UNLESS OTHERWISE NOTED.
3. TRAFFIC SHALL NOT BE STOPPED IN ANY ONE DIRECTION FOR MORE THAN 10 MINUTES.
4. IF NEEDED PEDESTRIANS WILL BE ACCOMMODATED THROUGH THE WORK ZONE.
5. ALL DRIVEWAY ACCESS SHALL REMAIN OPEN DURING DURATION OF WORK.
6. WORK AREA TO INCLUDE STAGING AREA.

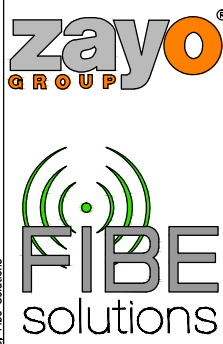
SIGN SPACING = X (FEET)		
FREeways & EXPRESSWAYS	55/70 MPH	1500' + - (OR AS PER MUTCD)
RURAL HIGHWAYS	60/65 MPH	800' + -
RURAL ROADS	45/55 MPH	500' + -
RURAL ROADS & URBAN ARTERIALS	35/40 MPH	350' + -
RURAL ROADS, URBAN ARTERIALS RESIDENTIAL & BUSINESS DISTRICTS	25/30 MPH	200' + - (2)
URBAN STREETS	25 MPH OR LESS	100' + - (2)

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

MINIMUM TAPER LENGTH IN FEET (L)										
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

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(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.



PRFUP20241805

TRAFFIC CONTROL PLAN

SHORT TERM STATIONARY WORK ZONE FOR AERIAL WORK

ROAD WORK ALLOWED:
Monday - Friday
9AM - 3PM
Call communications center at
253-287-4456 on day of work.
Request a job start inspection
through the CityView portal.

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Work shall immediately
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spotter, available at all
times, to escort
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work area.

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PROJECT MANAGER
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TYPE OF WORK:
AERIAL WORK
WORK HOURS:
M-F 7AM-5PM

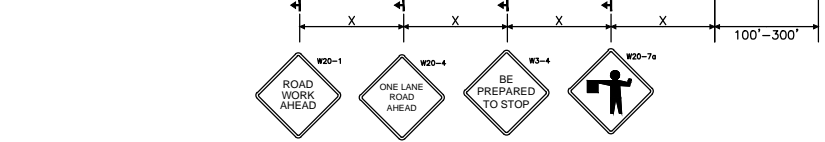
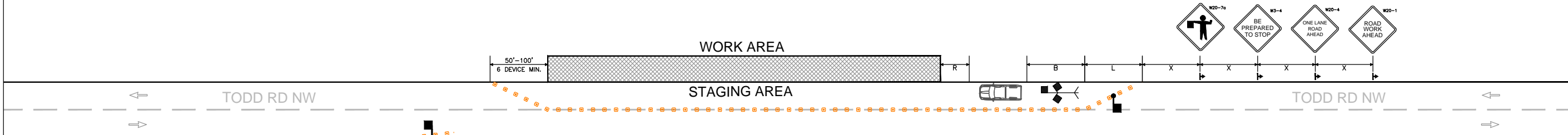
GENERAL NOTES:

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CHANNELIZING DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
50/70	40	80
35/45	30	60
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Designed					
Drawn					
Checked					
11/20/24	FS-RTD				
11/20/24	FS-ARN				
11/20/24	FS-RTD				

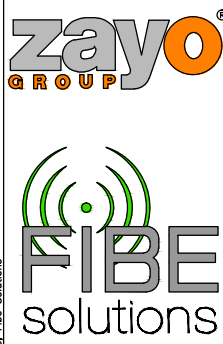


BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
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< 45 MPH	45-55 MPH	> 55 MPH	< 45 MPH	45-55 MPH	> 55 MPH	< 45 MPH	45-55 MPH	> 55 MPH	< 45 MPH	45-55 MPH
100'	123'	172'	74'	100'	150'	100'	150'	100'	150'	150'
PROTECTIVE VEHICLE (WORK VEHICLE) = R										
NO SPECIFIED DISTANCE REQUIRED										

SIGN SPACING = X (FEET)		
FREEWAYS & EXPRESSWAYS	55/70 MPH	1500' + - (OR AS PER MUTCD)
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MINIMUM TAPER LENGTH IN FEET (L)										
LANE WIDTH (FEET)	POSTED SPEED (MPH)									
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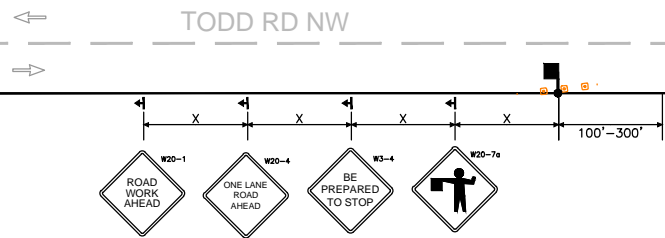
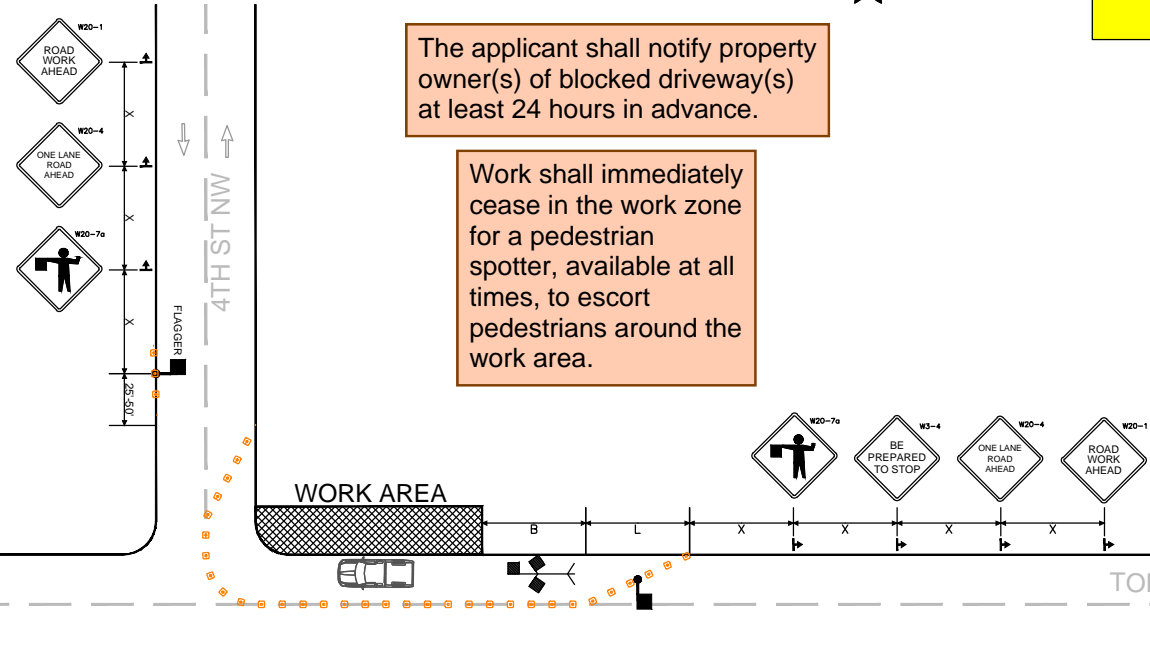
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AERIAL WORK
WORK HOURS:
M-F 7AM-5PM

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

Designed	
Drawn	
Checked	
11/20/24 FS-RTD	
11/20/24 FS-ARN	
11/20/24 FS-RTD	



LONGITUDINAL BUFFER SPACE = B										
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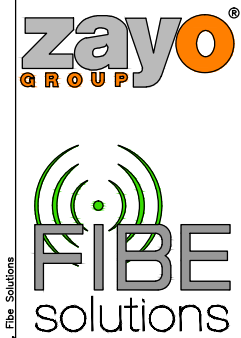
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100'	123'	172'	74'	100'	150'

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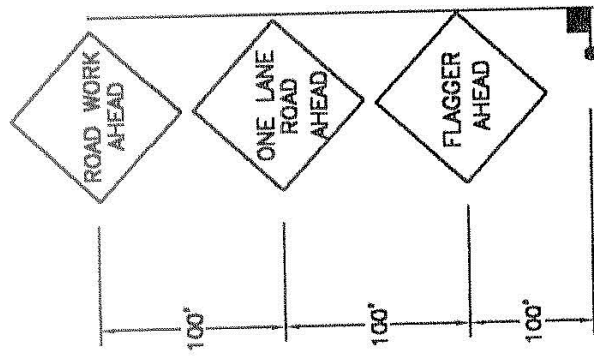
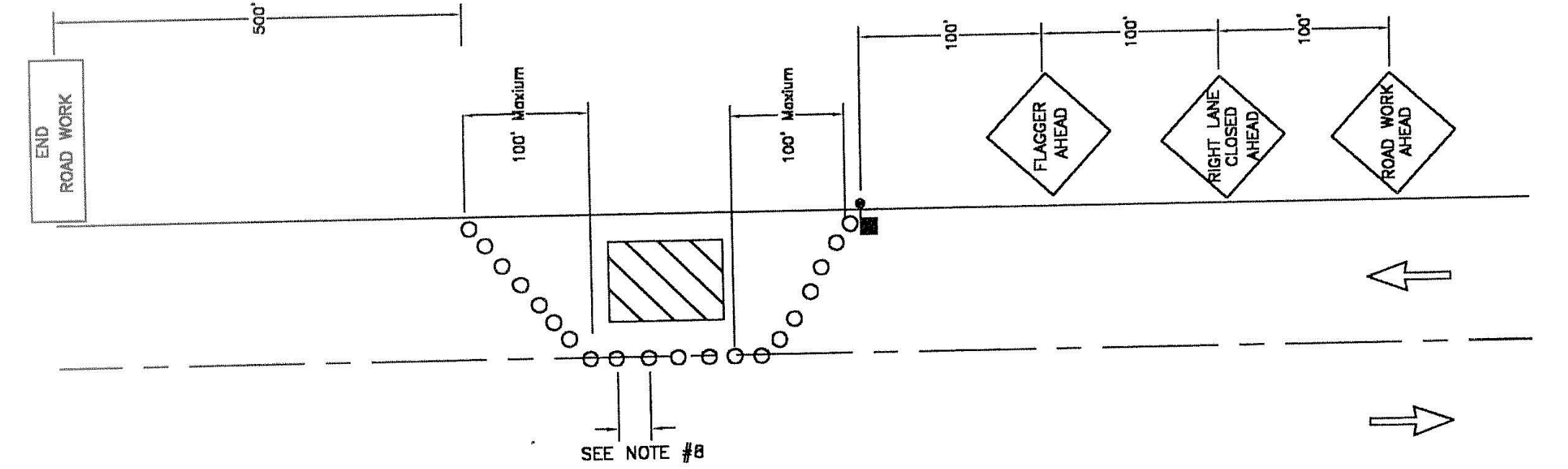
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FREEWAYS & EXPRESSWAYS	55/70 MPH	1500' + - (OR AS PER MUTCD)
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LANE WIDTH (FEET)	POSTED SPEED (MPH)									
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12	125	180	245	320	540	600	660	720	780	840



11/20/24	FS-RTD	Designed
11/20/24	FS-ARN	Drawn
11/20/24	FS-RTD	Checked



NAME OF STREET: TODD RD NW

ROAD WORK ALLOWED:
Monday - Friday
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NOTES:

- 1 FOR TWO-WAY TRAFFIC WORK ZONES
- 2 FLAGGERS SHALL REMAIN IN RADIO CONTACT AT ALL TIMES
- 3 TRAFFIC CONTROL DEVICES SHALL BE 28" RETROREFLECTIVE CONES
- 4 USE "BE PREPARED TO STOP" SIGN BETWEEN "FLAGGER AHEAD" AND "LANE CLOSED AHEAD" SIGNS ON HIGH VOLUME ROADS, SUCH AS: 43RD AVE SE, 9TH ST SW, 5TH ST SW, SHAW RD, AND OTHER STREETS WITH COMPARABLE VOLUMES
- 5 SIGN SPACING SHALL BE 350 FEET WHEN SPEED LIMIT IS GREATER THAN 30 MPH
- 6 SIGN SPACING SHALL BE 100 FEET WHEN SPEED LIMIT IS 30 MPH OR LESS
- 7 CALL COMM CENTER DAY OF CLOSURE 841-5538
7.1 CLOSURE FOR WEEKDAYS ONLY
7.2 TIMES: 8:00 AM TO 4:00 PM
- 8 DISTANCE BETWEEN CONES EQUALS SPEED LIMIT BUT IN UNITS OF FEET

LANE CLOSURE ON TWO-LANE ROAD USING FLAGGERS

DRAWN J. HUNTER	PLOTTING SCALE NTS/ 1=1	DATE APPROVED 04-03	REVISED	TCP STANDARD NO. 7
FILE NAME I:\DRAWINGS\PUBLIC WORKS\TRAFFIC\JEFF.DWG	CHECKED BY M. FORD	REVISOR	REVISION	

CITY OF
PUYALLUP
TRAFFIC ENGINEERING
DIVISION

