

Transmittal

TITAN Earthwork, LLC
1585 Valentine Ave SE Pacific, WA 98047



Project Name: Port Angeles 8th St Paving
Client Project Number: CON-2024-05
General Contractor: TITAN Earthwork, LLC
Owner: City of Port Angeles

Submittal No.: ***TE - 024 TCP for 6.9 - 6.12***
Per Specification: **SP 1-10**
Date: 6/6/25

To: City of P.A.
Attenti Jeremy Pozernick

Remarks: Traffic Control Plans for Nighttime Closure. 3 nights in between 6/9/2025 - 6/12/2025

Prepared by: Blaine McGoorty

Supplier: NA

Cc: 2501

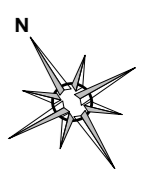
By: 

SPACE BELOW FOR RESIDENT ENGINEER

TCP: W 8th St Closed Lincoln to Cherry

All Signs & Spacing to conform to the MUTCD

SPEED LIMIT
30



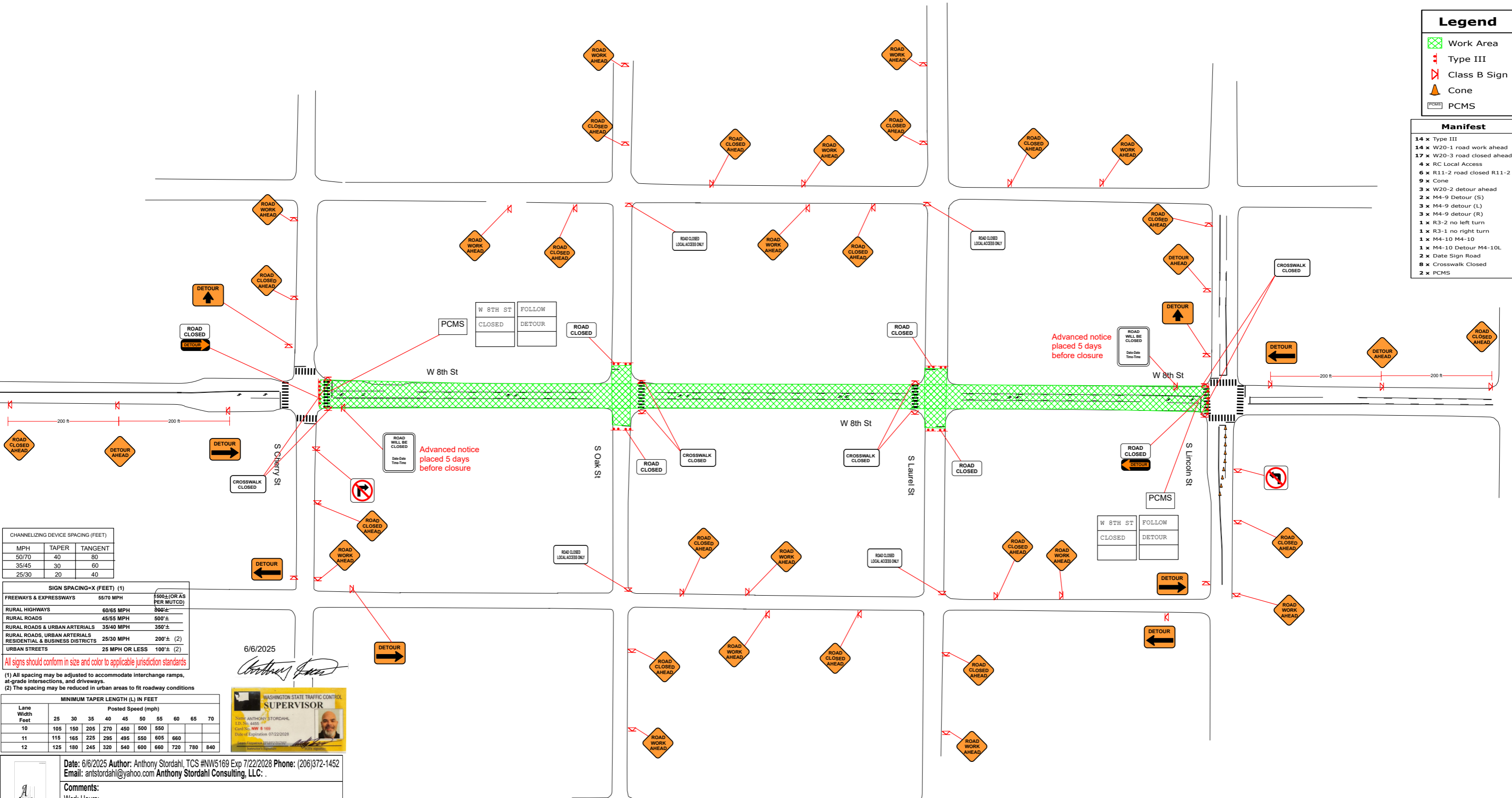
Scale:
100 ft

Legend

- Work Area
- Type III
- Class B Sign
- Cone
- PCMS

Manifest

- 14 x Type III
- 14 x W20-1 road work ahead
- 17 x W20-3 road closed ahead
- 4 x RC Local Access
- 6 x R11-2 road closed R11-2
- 9 x Cone
- 3 x W20-2 detour ahead
- 2 x M4-9 Detour (S)
- 3 x M4-9 detour (L)
- 3 x M4-9 detour (R)
- 1 x R3-2 no left turn
- 1 x R3-1 no right turn
- 1 x M4-10 M4-10
- 1 x M4-10 Detour M4-10L
- 2 x Date Sign Road
- 8 x Crosswalk Closed
- 2 x PCMS



CHANNELIZING DEVICE SPACING (FEET)

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

SIGN SPACING-X (FEET) (1)

| | | |
|--|----------------|-------------------------|
| FREWAYS & 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) |

All signs should conform in size and color to applicable jurisdiction standards

(1) All spacing may be adjusted to accommodate interchange ramps, at-grade intersections, and driveways.

(2) The spacing may be reduced in urban areas to fit roadway conditions

MINIMUM TAPER LENGTH (L) IN 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 | | |
| 12 | 125 | 180 | 245 | 320 | 540 | 600 | 660 | 720 | 780 | 840 |

6/6/2025

ANTHONY STORDAHL
SUPERVISOR
WASHINGTON STATE TRAFFIC CONTROL

State: ANTHONY STORDAHL
Lic. No. NW 4455
Class: NW & 180
Date of Expiration: 07/22/2028

Date: 6/6/2025 Author: Anthony Stordahl, TCS #NW5169 Exp 7/22/2028 Phone: (206)372-1452
Email: antstordahl@yahoo.com Anthony Stordahl Consulting, LLC.

Comments:
Work Hours:
Type of Work:

TCP: W 8th St Closed Cedar to Cherry 1 of 2

All Signs & Spacing to conform to the MUTCD

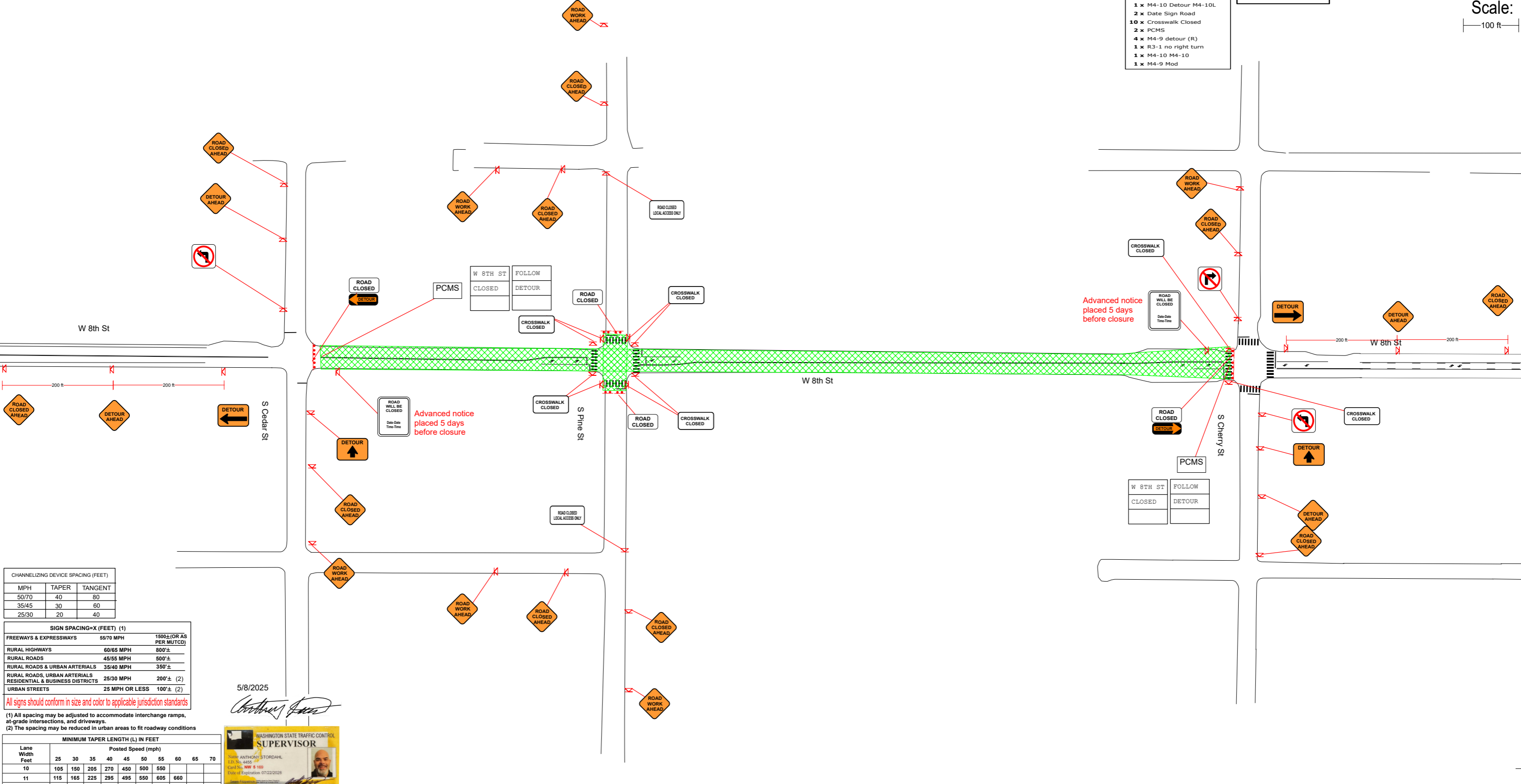
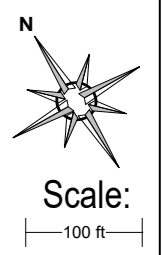
Manifest

- 10 x Type III
- 6 x W20-1 road work ahead
- 12 x W20-3 road closed ahead
- 2 x RC Local Access
- 4 x R11-2 road closed R11-2
- 4 x W20-2 detour ahead
- 6 x M4-9 Detour (S)
- 5 x M4-9 detour (L)
- 2 x R3-2 no left turn
- 1 x M4-10 Detour M4-10L
- 2 x Date Sign Road
- 10 x Crosswalk Closed
- 2 x PCMS
- 4 x M4-9 detour (R)
- 1 x R3-1 no right turn
- 1 x M4-10 M4-10
- 1 x M4-9 Mod

Legend

- Work Area
- Type III
- Class B Sign
- PCMS

SPEED LIMIT
30



CHANNELIZING DEVICE SPACING (FEET)

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

SIGN SPACING=X (FEET) (1)

| ROAD TYPE | 55/70 MPH | 1500± (OR AS PER MUTCD) |
|--|----------------|-------------------------|
| 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) |

All signs should conform in size and color to applicable jurisdiction standards

(1) All spacing may be adjusted to accommodate interchange ramps, at-grade intersections, and driveways.
(2) The spacing may be reduced in urban areas to fit roadway conditions

MINIMUM TAPER LENGTH (L) IN 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 | | |
| 12 | 125 | 180 | 245 | 320 | 540 | 600 | 660 | 720 | 780 | 840 |

5/8/2025

ANTHONY STORDAHL
WASHINGTON STATE TRAFFIC CONTROL SUPERVISOR
Lic. No. 4452
Cert. No. NW 8 169
Date of Expiration 07/22/2028

Date: 5/8/2025 **Author:** Anthony Stordahl, TCS #NW5169 Exp 7/22/2028 **Phone:** (206)372-1452
Email: antstordahl@yahoo.com **Anthony Stordahl Consulting, LLC.**

Comments:
Work Hours:
Type of Work:

TCP: W 8th St Closed Cedar to Cherry 2 of 2

All Signs & Spacing to conform to the MUTCD

- Manifest**
- 10 x Type III
 - 6 x W20-1 road work ahead
 - 12 x W20-3 road closed ahead
 - 2 x RC Local Access
 - 4 x R11-2 road closed R11-2
 - 4 x W20-2 detour ahead
 - 6 x M4-9 Detour (S)
 - 5 x M4-9 detour (L)
 - 2 x R3-2 no left turn
 - 1 x M4-10 Detour M4-10L
 - 2 x Date Sign Road
 - 6 x Crosswalk Closed
 - 2 x PCMS
 - 4 x M4-9 detour (R)
 - 1 x R3-1 no right turn
 - 1 x M4-10 M4-10
 - 1 x M4-9 Mod

Legend

- Work Area
- Type III
- Class B Sign
- PCMS

SPEED LIMIT
30

N

Scale:
|-----|
100 ft



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

| SIGN SPACING=X (FEET) (1) | | |
|--|----------------|------------------------|
| FREEWAYS & EXPRESSWAYS | 55/70 MPH | 1500±(OR AS PER MUTCD) |
| RURAL HIGHWAYS | 60/65 MPH | 800± |
| RURAL ROADS | 45/55 MPH | 500± |
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All signs should conform in size and color to applicable jurisdiction standards

5/8/2025



| Lane Width Feet | MINIMUM TAPER LENGTH (L) IN FEET | | | | | | | | | |
|-----------------|----------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 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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Email: antstordahl@yahoo.com Anthony Stordahl Consulting, LLC: .

Comments:
Work Hours:
Type of Work:



TCP: W 8th St Closed Oak to Pine 1 of 2

All Signs & Spacing to conform to the MUTCD

SPEED LIMIT
30

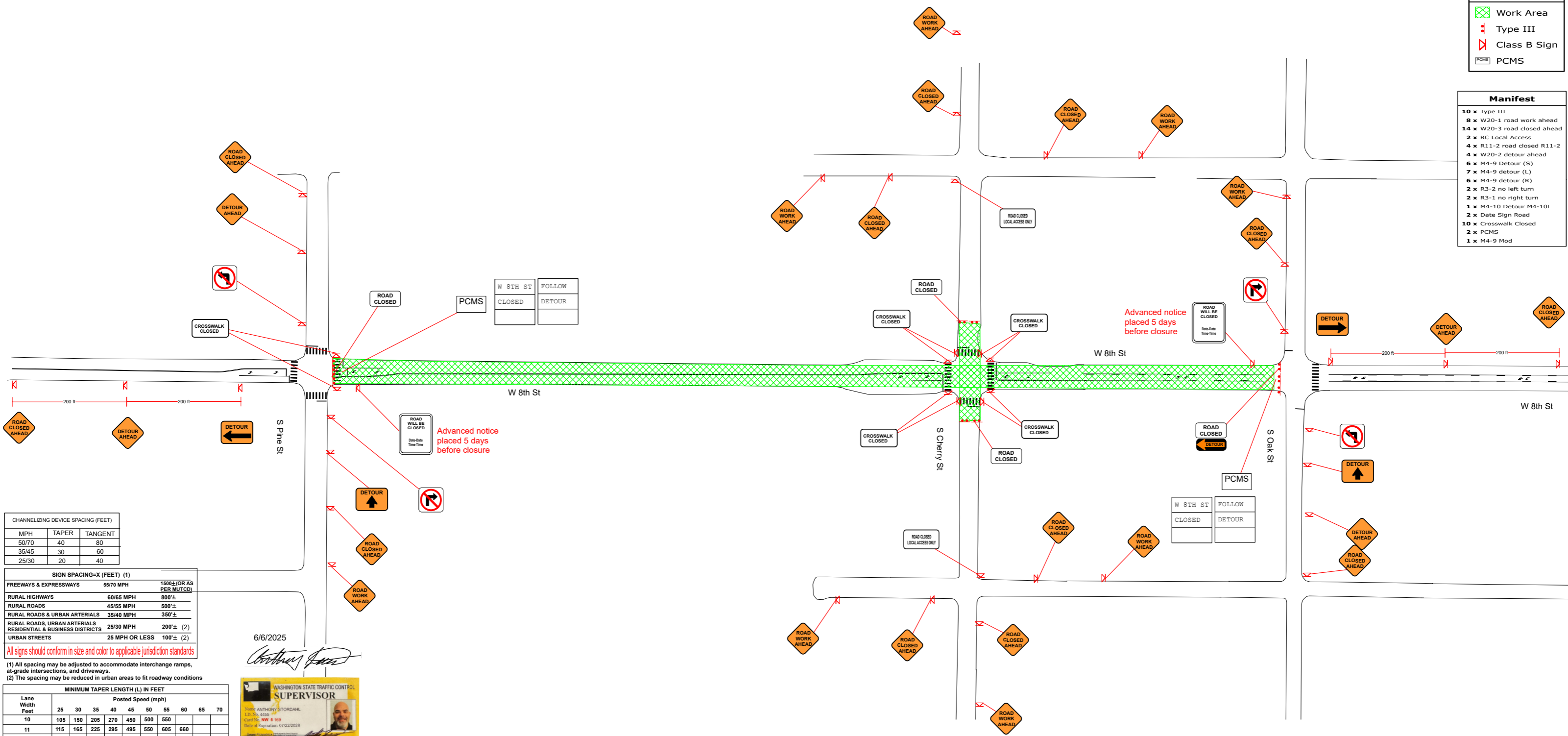


Legend

- Work Area
- Type III
- Class B Sign
- PCMS

Manifest

- 10 x Type III
- 8 x W20-1 road work ahead
- 14 x W20-3 road closed ahead
- 2 x RC Local Access
- 4 x R11-2 road closed R11-2
- 4 x W20-2 detour ahead
- 6 x M4-9 Detour (S)
- 7 x M4-9 detour (L)
- 6 x M4-9 detour (R)
- 2 x R3-2 no left turn
- 2 x R3-1 no right turn
- 1 x M4-10 Detour M4-10L
- 2 x Date Sign Road
- 10 x Crosswalk Closed
- 2 x PCMS
- 1 x M4-9 Mod



CHANNELIZING DEVICE SPACING (FEET)

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

SIGN SPACING-X (FEET) (1)

| ROADWAY TYPE | 55/70 MPH | 1500± (OR AS PER MUTCD) |
|---|----------------|-------------------------|
| 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± |
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(2) The spacing may be reduced in urban areas to fit roadway conditions

MINIMUM TAPER LENGTH (L) IN 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 | | |
| 12 | 125 | 180 | 245 | 320 | 540 | 600 | 660 | 720 | 780 | 840 |

6/6/2025

Anthony Stordahl



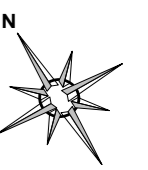
Date: 6/6/2025 Author: Anthony Stordahl, TCS #NW5169 Exp 7/22/2028 Phone: (206)372-1452
Email: antstordahl@yahoo.com Anthony Stordahl Consulting, LLC: .

Comments:
Work Hours:
Type of Work:

TCP: W 8th St Closed Oak to Pine 2 of 2

All Signs & Spacing to conform to the MUTCD

**SPEED
LIMIT
30**



Scale:
100 ft

Legend

- Work Area
- Type III
- Class B Sign
- PCMS

Manifest

- 10 x Type III
- 8 x W20-1 road work ahead
- 14 x W20-3 road closed ahead
- 2 x RC Local Access
- 4 x R11-2 road closed R11-2
- 4 x W20-2 detour ahead
- 6 x M4-9 Detour (S)
- 7 x M4-9 detour (L)
- 6 x M4-9 detour (R)
- 2 x R3-2 no left turn
- 2 x R3-1 no right turn
- 1 x M4-10 Detour M4-10L
- 2 x Date Sign Road
- 10 x Crosswalk Closed
- 2 x PCMS
- 1 x M4-9 Mod



CHANNELIZING DEVICE SPACING (FEET)

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

SIGN SPACING-X (FEET) (1)

| ROAD TYPE | 55/70 MPH | 1500± (OR AS PER MUTCD) |
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MINIMUM TAPER LENGTH (L) IN 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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6/6/2025



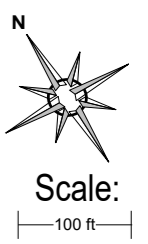
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 Email: antstordahl@yahoo.com Anthony Stordahl Consulting, LLC: .

Comments:
 Work Hours:
 Type of Work:

TCP: W 8th St Closed Pine to A St Page 1 of 2

All Signs & Spacing to conform to the MUTCD

SPEED LIMIT
30

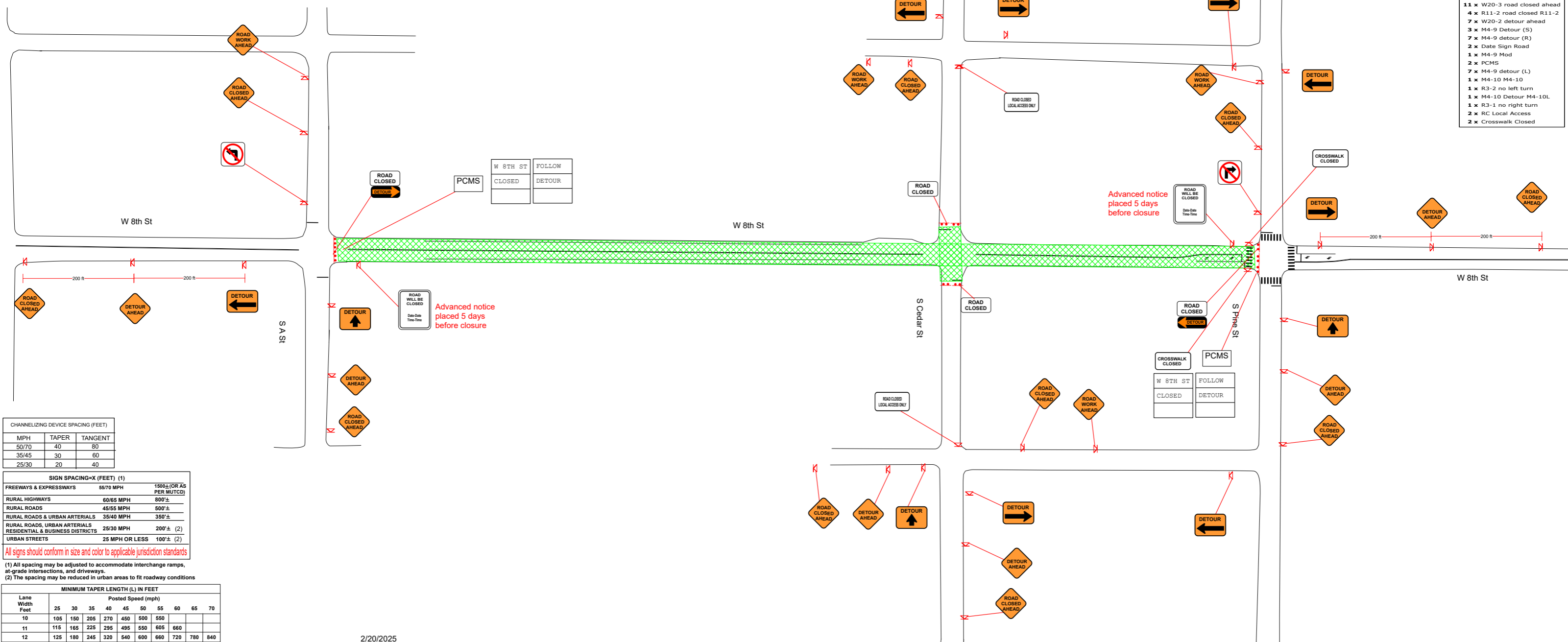


Legend

- Work Area
- Type III
- Class B Sign
- PCMS

Manifest

- 10 x Type III
- 4 x W20-1 road work ahead
- 11 x W20-3 road closed ahead
- 4 x R11-2 road closed R11-2
- 7 x W20-2 detour ahead
- 3 x M4-9 Detour (S)
- 7 x M4-9 detour (R)
- 2 x Date Sign Road
- 1 x M4-9 Mod
- 2 x PCMS
- 7 x M4-9 detour (L)
- 1 x M4-10 M4-10
- 1 x R3-2 no left turn
- 1 x M4-10 Detour M4-10L
- 1 x R3-1 no right turn
- 2 x RC Local Access
- 2 x Crosswalk Closed



CHANNELIZING DEVICE SPACING (FEET)

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

SIGN SPACING-X (FEET) (1)

| ROAD TYPE | 55/70 MPH | 1500± (OR AS PER MUTCD) |
|--|----------------|-------------------------|
| FREEWAYS & EXPRESSWAYS | 55/70 MPH | 1500± (OR AS PER MUTCD) |
| RURAL HIGHWAYS | 60/65 MPH | 800± |
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 (2) The spacing may be reduced in urban areas to fit roadway conditions

MINIMUM TAPER LENGTH (L) IN 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 | | |
| 12 | 125 | 180 | 245 | 320 | 540 | 600 | 660 | 720 | 780 | 840 |

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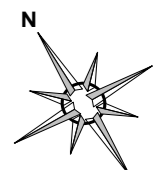
Comments:
 Work Hours:
 Type of Work:

2/20/2025



TCP: W 8th St Closed Cedar to A St Page 2 of 2

All Signs & Spacing to conform to the MUTCD



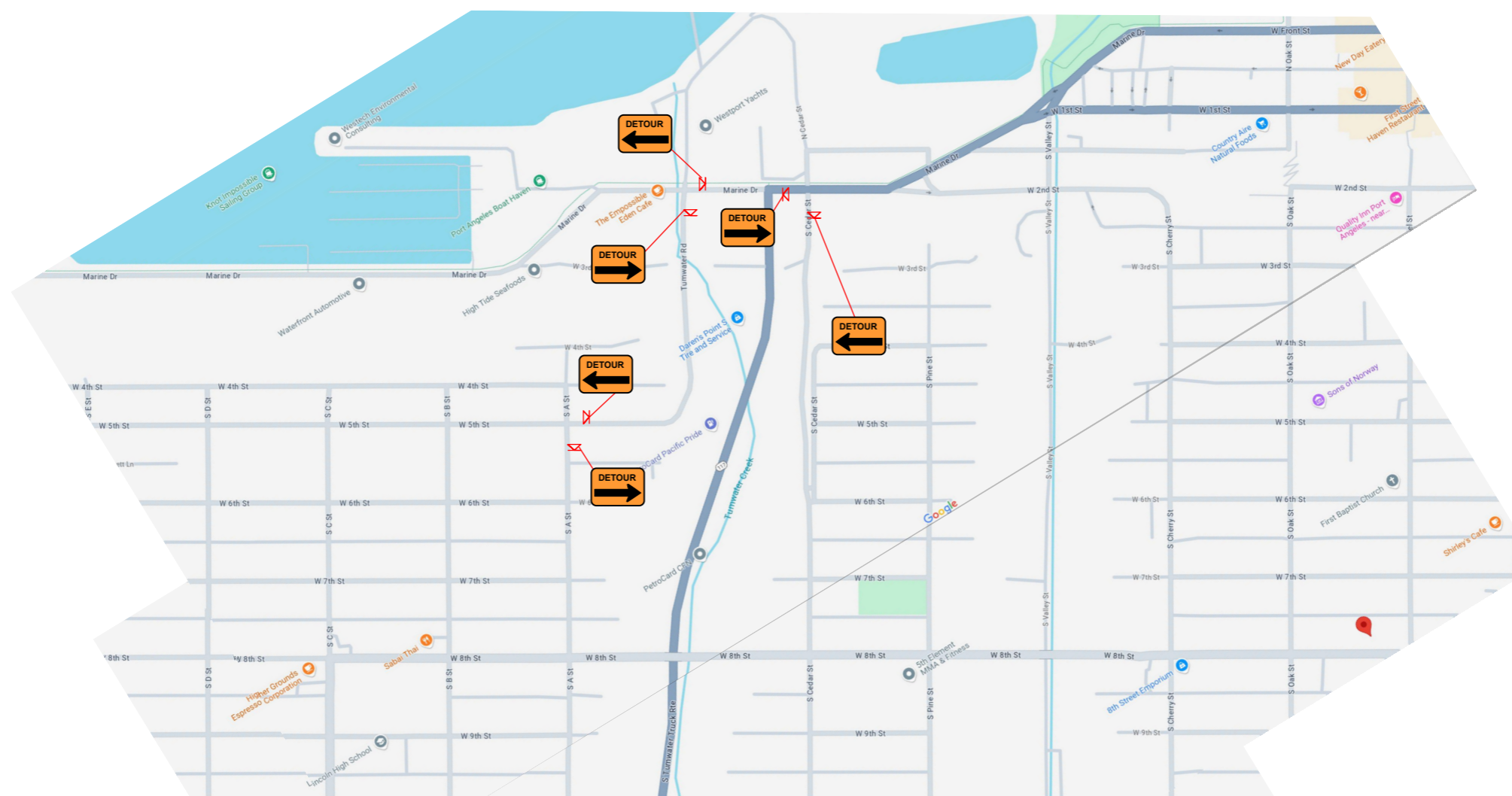
Scale:
100 ft

Legend

- Work Area
- Type III
- Class B Sign
- PCMS

Manifest

- 10 x Type III
- 4 x W20-1 road work ahead
- 11 x W20-3 road closed ahead
- 4 x R11-2 road closed R11-2
- 7 x W20-2 detour ahead
- 3 x M4-9 Detour (S)
- 7 x M4-9 detour (R)
- 2 x Date Sign Road
- 1 x M4-9 Mod
- 2 x PCMS
- 7 x M4-9 detour (L)
- 1 x M4-10 M4-10
- 1 x R3-2 no left turn
- 1 x M4-10 Detour M4-10L
- 1 x R3-1 no right turn
- 2 x RC Local Access
- 2 x Crosswalk Closed



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

| SIGN SPACING=X (FEET) (1) | | |
|----------------------------------|----------------|-------------------------|
| 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 | 25/30 MPH | 200'± (2) |
| RESIDENTIAL & BUSINESS DISTRICTS | 25 MPH OR LESS | 100'± (2) |
| URBAN STREETS | 25 MPH OR LESS | 100'± (2) |

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(1) All spacing may be adjusted to accommodate interchange ramps, at-grade intersections, and driveways.
 (2) The spacing may be reduced in urban areas to fit working conditions

| Lane Width Feet | MINIMUM TAPER LENGTH (L) IN 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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Email: antstordahl@yahoo.com **Anthony Stordahl Consulting, LLC:**

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 Type of Work:

2/20/2025

