

STATE OF MAINE DEPARTMENT OF TRANSPORTATION



MATERIALS

Concrete: Class "LP"
Deck Ends, Backwalls
Reinforcing Steel ASTM A 615/A 615M, Grade 60

BASIC DESIGN STRESSES

Concrete, Class "LP" f 'c = 5,000 psi
Reinforcing Steel f y = 60,000 psi
Steel Plating f y = 50,000 psi

SOUTH PORTLAND & PORTLAND CUMBERLAND COUNTY INTERSTATE 295 NORTHBOUND BRIDGE JOINT REHABILITATION

FEDERAL PROJECT NO. 2361502
PROJECT LENGTH 5.7 mi.
BRIDGE NUMBERS:
6273, 6249, 6281, 6291, 6294,
6295, 6296, 6297, 0816

LIST OF DRAWINGS

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UTILITIES

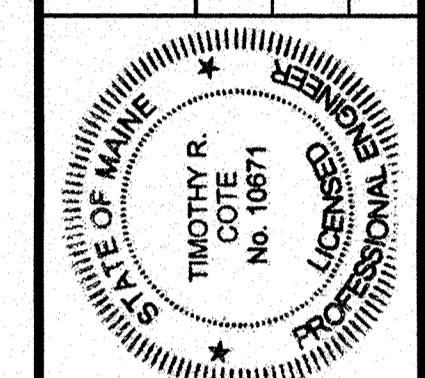
Maine Department of Transportation
Portland Terminal Railroad

MAINTENANCE OF TRAFFIC

Extended duration lane closures at Route 703. Night work using interstate closure, lane closures, and two-phase construction for all other locations and phases.

| | |
|--------------------------|---|
| PROJECT LOCATION: | I-295 Between Route 703 & Washington Avenue (Multiple Bridge Locations) |
| PROGRAM AREA: | Bridge Preservation |
| OUTLINE OF WORK: | Joint Modifications |

| | | |
|--|----------------------------------|------------------------------------|
| STATE OF MAINE DEPARTMENT OF TRANSPORTATION | APPROVED | DATE |
| | COMMISSIONER: <i>[Signature]</i> | 2-10-21 |
| | | CHIEF ENGINEER: <i>[Signature]</i> |
| | | 2-10-2021 |



| | | |
|---------------------------------|----------------------|--------------------|
| SIGNATURE <i>[Signature]</i> | P.E. NUMBER 10671 | DATE 01/22/2021 |
|---------------------------------|----------------------|--------------------|

| | |
|-------------------------|---------------------------------------|
| PROJECT INFORMATION | |
| PROGRAM Bridge | PROJECT MANAGER Mckenzie Kerbergen |
| DESIGNER Tim Cote | CONSULTANT HNTB |
| PROJECT RESIDENT | CONTRACTOR |
| PROJECT COMPLETION DATE | |

WIN 023615.02

2361502

SOUTH PORTLAND TO PORTLAND
CUMBERLAND COUNTY

TITLE SHEET

SHEET NUMBER

1

OF 51



Date: 1/22/2021

Username:

Division:

Filename: 001_Title Sheet.dgn

Date:1/22/2021

Username:

Division:

Filename: 002_Estimated Quantities.dgn

| ITEM NO. | DESCRIPTION | ESTIMATED BRIDGE QUANTITIES | | | | | | | | | | | TOTAL | UNIT |
|----------|--|---|--|--|---|---|--|--|---|--|-------|------|-------|------|
| | | QUANTITY NB State Route 703 Br. No. 6273 | QUANTITY NB Westbrook Street Br. No. 6249 | QUANTITY NB Fore River Br. No. 6281 | QUANTITY NB PTRR (Fore River) Br. No. 6291 | QUANTITY NB Congress and Park Br. No. 6294 | QUANTITY NB St. James Street & Ramp Br. No. 6295 | QUANTITY NB PTRR St. John Street & Ramp Br. No. 6296 | QUANTITY NB St. John Street Br. No. 6297 | QUANTITY NB I-295 Washington Avenue Br. No. 0816 | | | | |
| 202.202 | Removing Pavement Surface | 1240 | 290 | 460 | 470 | 840 | 520 | 500 | 370 | 750 | 5440 | SY | | |
| 203.20 | Common Excavation | 62 | 0 | 0 | 0 | 18 | 6 | 6 | 16 | 0 | 108 | CY | | |
| 304.10 | Aggregate Subbase Course - Gravel | 48 | 0 | 0 | 0 | 18 | 6 | 6 | 16 | 0 | 94 | CY | | |
| 403.2101 | Hot Mix Asphalt, 9.5 mm Nominal Maximum Size (Polymer Modified) | 110 | 25 | 40 | 40 | 70 | 45 | 40 | 30 | 60 | 460 | TON | | |
| 403.211 | Hot Mix Asphalt, 9.5 mm Nominal Maximum Size (Shimming) | 15 | 5 | 10 | 10 | 15 | 10 | 10 | 5 | 10 | 90 | TON | | |
| 403.2131 | Hot Mix Asphalt, 12.5mm Nominal Maximum Size (Base and Intermediate Base course, Polymer Modified) | 85 | 10 | 15 | 20 | 60 | 30 | 25 | 35 | 40 | 320 | TON | | |
| 409.15 | Bituminous Tack Coat, Applied | 75 | 15 | 25 | 25 | 45 | 30 | 30 | 20 | 40 | 305 | GAL | | |
| 424.38 | Crack Repair, Hot Pour Mastic | 2800 | 1500 | 2100 | 1500 | 2400 | 1500 | 1500 | 1500 | 2800 | 17600 | LB | | |
| 461.131 | Temporary Pavement | 0 | 0 | 0 | 0 | 25 | 0 | 20 | 0 | 0 | 45 | TON | | |
| 502.75 | Plugging Existing Bridge Drains | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | EA | | |
| 518.51 | Repair of Upward Facing Surfaces - below Reinforcing Steel < 8 inches | 0 | 5 | 0 | 0 | 20 | 7 | 6 | 17 | 0 | 55 | SF | | |
| 518.52 | Repair of Upward Facing Surfaces > 8 inches | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 4 | CY | | |
| 520.2431 | Bridge Joint Modification Type 3A | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 5 | EA | | |
| 520.2432 | Bridge Joint Modification Type 3B | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | EA | | |
| 520.2433 | Bridge Joint Modification Type 3C | 0 | 0 | 2 | 0 | 1 | 1 | 1 | 0 | 0 | 5 | EA | | |
| 520.2434 | Bridge Joint Modification Type 3D | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | EA | | |
| 520.244 | Bridge Joint Modification Type 4 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | EA | | |
| 524.50 | Temporary Roadway Mat | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 2 | EA | | |
| 526.301 | Temporary Concrete Barrier, Type I (1540 LF) | 0.6 | 0.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | LS | | |
| 527.33 | Truck Mounted Attenuator | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 9 | EA | | |
| 527.34 | Work Zone Crash Cushions | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | UNIT | | |
| 610.08 | Plain Riprap | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | CY | | |
| 615.07 | Loam | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | CY | | |
| 618.14 | Seeding Method Number 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | UNIT | | |
| 620.58 | Erosion Control Geotextile | 0 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | SY | | |
| 627.744 | 6" White or Yellow Painted Pavement Marking Line | 9750 | 9550 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19300 | LF | | |
| 627.77 | Removing Existing Pavement Marking | 3650 | 3200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6850 | SF | | |
| 627.781 | Temporary 6" Painted Pavement Marking Line, White or Yellow | 17400 | 33800 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 51200 | LF | | |
| 629.05 | Hand Labor, Straight Time | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 90 | HR | | |
| 631.10 | Air Compressor (including operator) | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 45 | HR | | |
| 631.11 | Air Tool (including operator) | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 45 | HR | | |
| 631.112 | Welding Machine (including operator) | 10 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | HR | | |
| 631.12 | All Purpose Excavator (including operator) | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 45 | HR | | |
| 631.172 | Truck-Large (including operator) | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 45 | HR | | |
| 639.19 | Field Office, Type B | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | EA | | |
| 652.30 | Flashing Arrow | 2 | 1 | 2 | 1 | 0 | 1 | 0 | 0 | 1 | 8 | EA | | |
| 652.312 | Type III Barricades | 1 | 0 | 1 | 4 | 4 | 1 | 0 | 0 | 2 | 13 | EA | | |
| 652.33 | Drum | 89 | 110 | 69 | 34 | 33 | 23 | 23 | 23 | 67 | 471 | EA | | |
| 652.34 | Cone | 10 | 10 | 10 | 5 | 5 | 5 | 5 | 5 | 10 | 65 | EA | | |
| 652.35 | Construction Signs | 530 | 960 | 630 | 435 | 435 | 207 | 207 | 206 | 1020 | 4630 | SF | | |
| 652.361 | Maintenance of Traffic Control Devices | 0.21 | 0.26 | 0.12 | 0.08 | 0.08 | 0.06 | 0.06 | 0.06 | 0.07 | 1 | LS | | |
| 652.38 | Flaggers | 18 | 18 | 16 | 16 | 16 | 16 | 16 | 16 | 18 | 150 | HR | | |
| 652.381 | Traffic Officers | 180 | 0 | 90 | 90 | 90 | 30 | 30 | 30 | 90 | 630 | HR | | |
| 652.41 | Portable-Changeable Message Sign | 1 | 0 | 1 | 0 | 3 | 1 | 0 | 0 | 1 | 7 | EA | | |
| 652.46 | Sequential Flashing Warning Lights | 8 | 8 | 8 | 3 | 3 | 3 | 3 | 3 | 9 | 48 | EA | | |
| 656.75 | Temporary Soil Erosion and Water Pollution Control | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 1 | LS | | |
| 659.10 | Mobilization | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 1 | LS | | |

| | | | | | | | |
|---|--|----------------------|--|------------------|--|--------------|--|
| STATE OF MAINE DEPARTMENT OF TRANSPORTATION | | 2361502 | | WIN 023615.02 | | BRIDGE PLANS | |
| INTERSTATE 295 NORTHBOUND S. PORTLAND TO PORTLAND CUMBERLAND COUNTY | | ESTIMATED QUANTITIES | | SHEET NUMBER | | 2 | |
| ESTIMATED QUANTITIES | | SHEET NUMBER | | 2 | | OF 51 | |

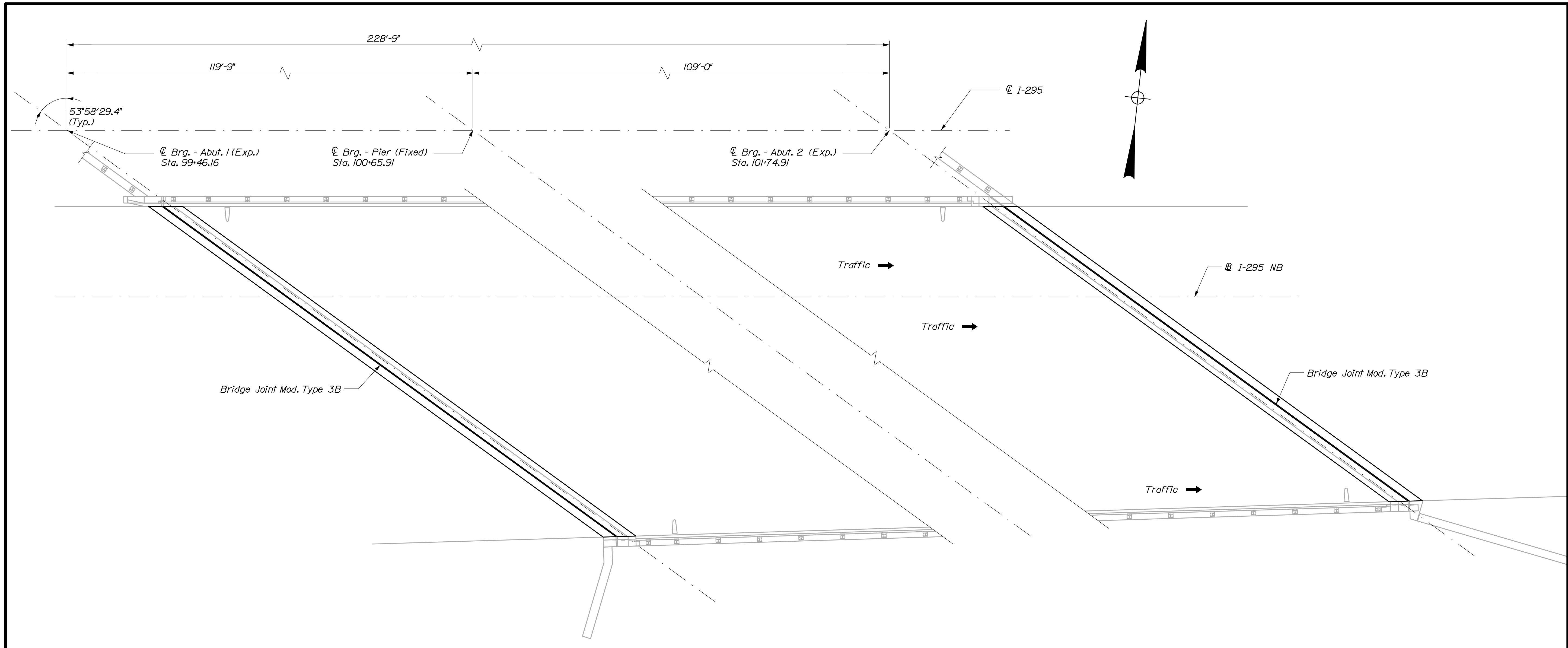


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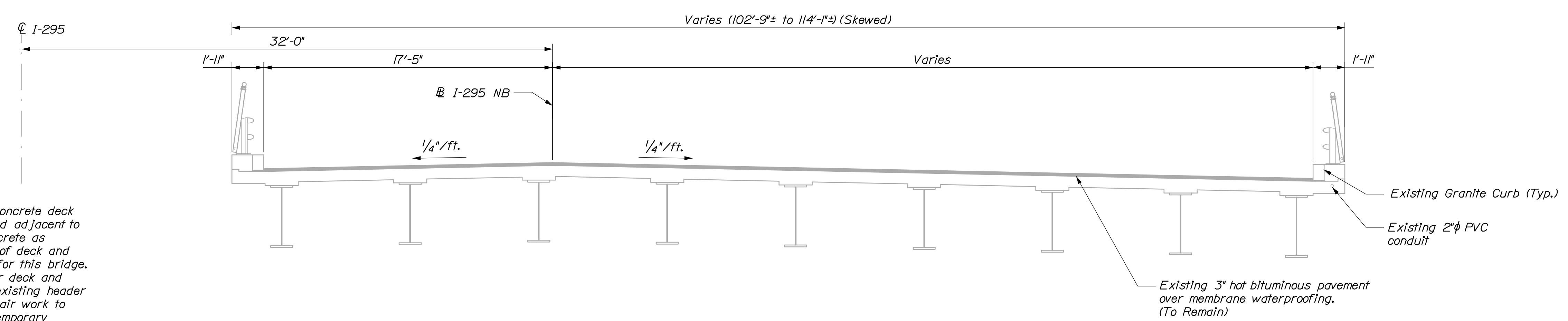
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Division:

Filename: 004_PlanSect - Route 703 - NB.dgn



INTERSTATE 295 NORTHBOUND OVER 8239E (STATE ROUTE 703)
 South Portland ~ Bridge No. 6273
 N.T.S.



TRANSVERSE SECTION
 N.T.S.

NOTES:
 1. Contractor shall repair areas of concrete deck and backwall deterioration under and adjacent to the existing elastomeric header concrete as directed by the Resident. Locations of deck and backwall repairs are undetermined for this bridge. The Resident shall identify areas for deck and backwall repair after removing the existing header concrete and shall progress the repair work to reopen the travel lanes daily with temporary pavement and/or plating when required per Special Provision 107. Coordinate work with Resident. Payment for concrete repair work shall be under the 518 pay items.

| | | | | | | | |
|---|---------------|-------------|-----------------|-------------------------------------|-----------------|------------------|-----------------|
| STATE OF MAINE DEPARTMENT OF TRANSPORTATION | | 2361502 | | BRIDGE NO. 6273 | | BRIDGE PLANS | |
| SIGNATURE | | P.E. NUMBER | | DATE | | WIN 023615.02 | |
| PROJ. MANAGER | BY | DATE | DESIGN DETAILED | DATE | DESIGN REVIEWED | DATE | DESIGN REVIEWED |
| M. Kersberger | M. Kersberger | 01/21 | G. Standley | 01/21 | E. Beausoleil | | |
| CHECKED | BY | DATE | DESIGN DETAILED | DATE | DESIGN REVIEWED | DATE | DESIGN REVIEWED |
| A. Stephens | T. Cole | | REVISIONS 1 | | REVISIONS 2 | | REVISIONS 3 |
| | | | REVISIONS 3 | | REVISIONS 4 | | FIELD CHANGES |
| INTERSTATE 295 NORTHBOUND S. PORTLAND TO PORTLAND CUMBERLAND COUNTY | | | | PLAN AND SECTION STATE ROUTE 703 | | | |
| SHEET NUMBER | | | | 4 | | | |
| | | | | OF 51 | | | |

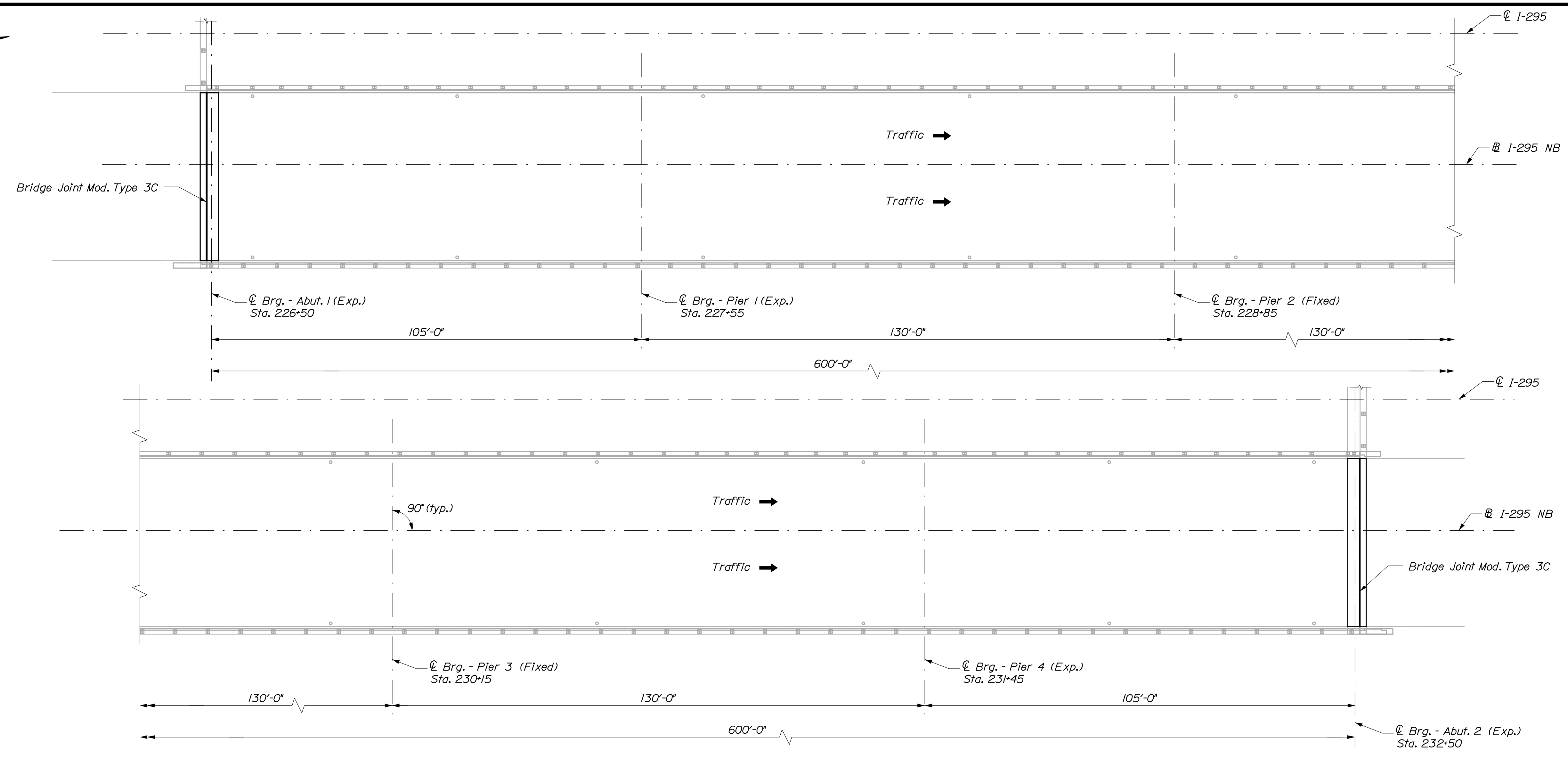
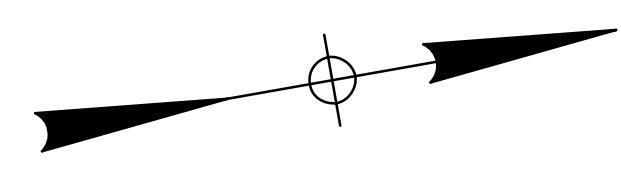


Date: 1/22/2021

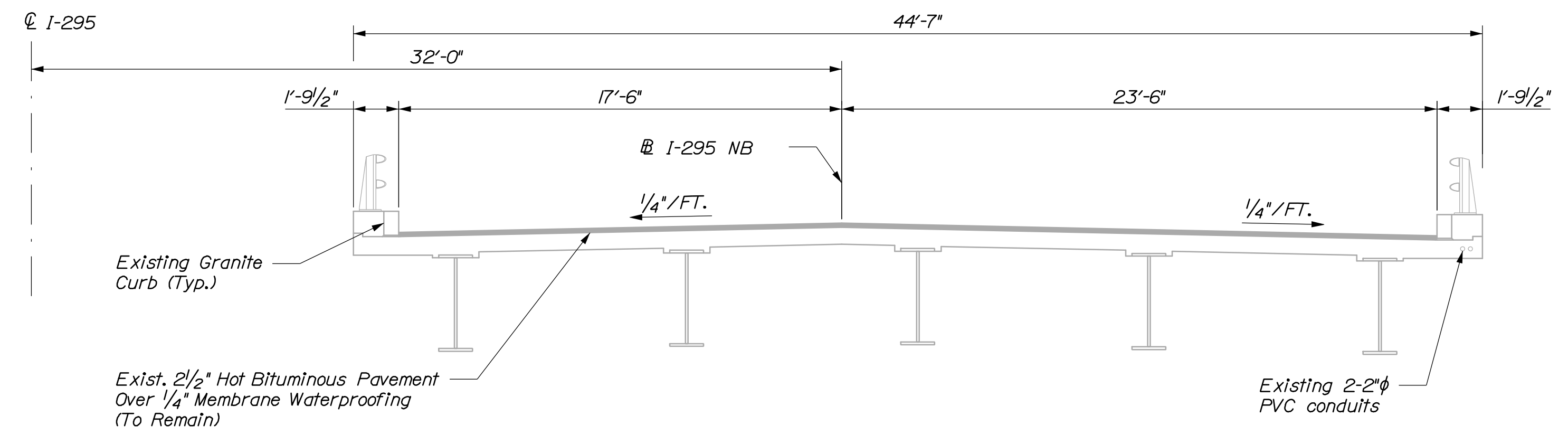
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Division:

Filename: 006_PlanSect - Fore River - NB.dgn



INTERSTATE 295 NORTHBOUND OVER FORE RIVER
 Portland ~ Bridge No. 6281
 N.T.S.



TRANSVERSE SECTION
 N.T.S.

NOTES:
 1. Contractor shall repair areas of concrete deck and backwall deterioration under and adjacent to the existing elastomeric header concrete as directed by the Resident. Locations of deck and backwall repairs are undetermined for this bridge. The Resident shall identify areas for deck and backwall repair after removing the existing header concrete and shall progress the repair work to reopen the travel lanes daily with temporary pavement and/or plating as required. Coordinate work with Resident. Payment for concrete repair work shall be under the 518 pay items.

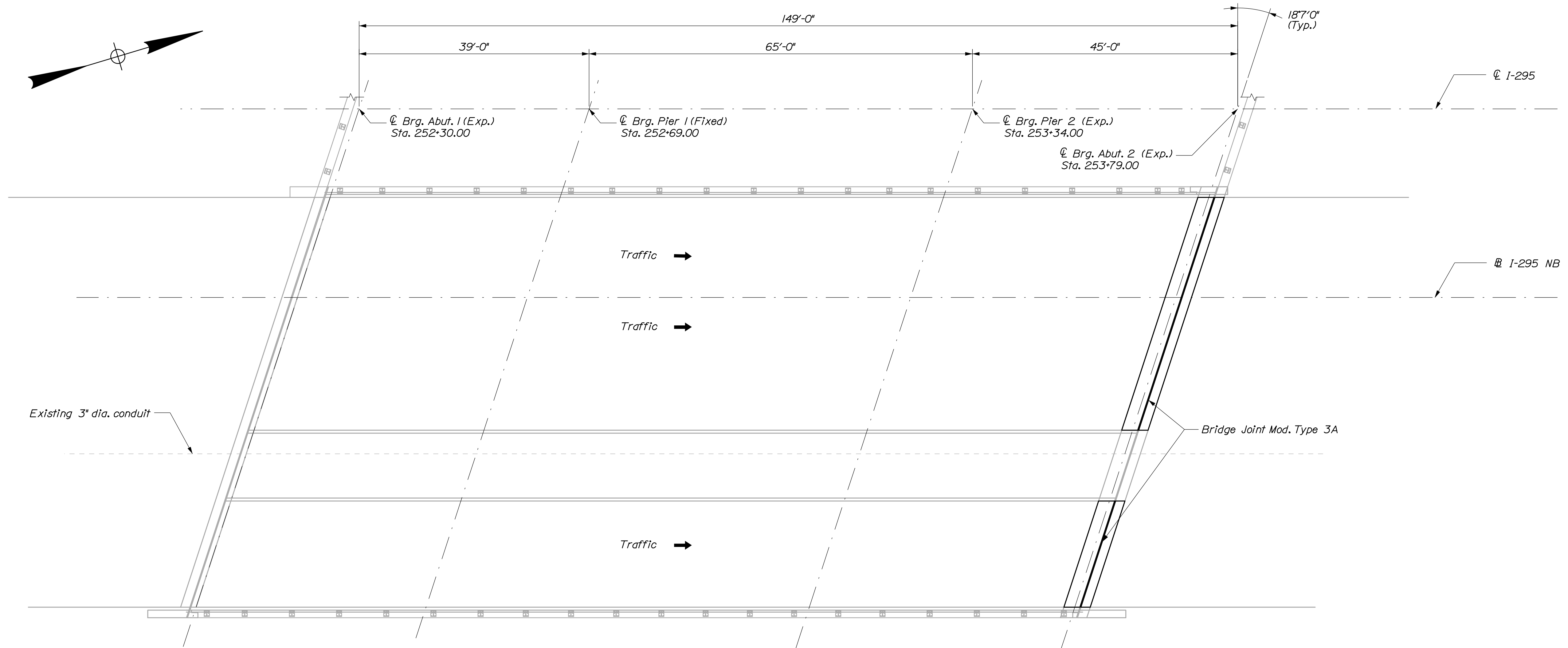
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| STATE OF MAINE DEPARTMENT OF TRANSPORTATION | | 2361502 | | WIN 023615.02 | | BRIDGE NO. 6281 | | BRIDGE PLANS | |
| INTERSTATE 295 NORTHBOUND S. PORTLAND TO PORTLAND CUMBERLAND COUNTY | | PLAN AND SECTION FORE RIVER | | SHEET NUMBER | | 6 | | OF 51 | |
| PROJ. MANAGER | M. Kershaug | BY | E. Breussel | DATE | 01/21 | SIGNATURE | | P.E. NUMBER | |
| DESIGN/DETAILED | G. Standley | CHECKED/REVIEWED | A. Stephens | DATE | 01/21 | SIGNATURE | | P.E. NUMBER | |
| DESIGN/DETAILED | | DESIGN/DETAILED | | DATE | | SIGNATURE | | P.E. NUMBER | |
| REVISIONS 1 | | REVISIONS 1 | | DATE | | SIGNATURE | | P.E. NUMBER | |
| REVISIONS 2 | | REVISIONS 2 | | DATE | | SIGNATURE | | P.E. NUMBER | |
| REVISIONS 3 | | REVISIONS 3 | | DATE | | SIGNATURE | | P.E. NUMBER | |
| REVISIONS 4 | | REVISIONS 4 | | DATE | | SIGNATURE | | P.E. NUMBER | |
| FIELD CHANGES | | | | | | | | | |



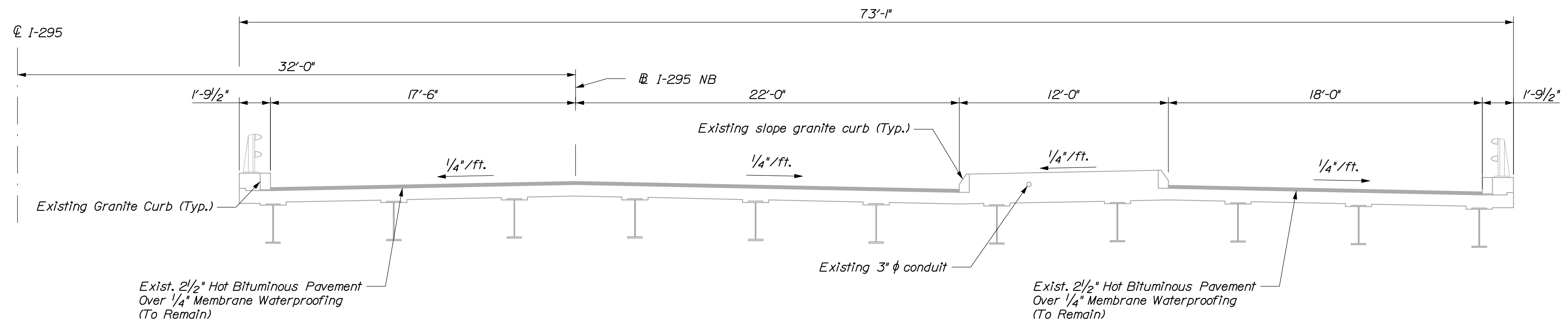
Date: 1/22/2021

Username:

Filename: 007_PlanSect - PTRR (Fore River) - NB.dgn



Portland ~ Bridge No. 6291
N.T.S.



NOTES:

1. Contractor shall repair areas of concrete deck and backwall deterioration under and adjacent to the existing elastomeric header concrete as directed by the Resident. Locations of deck and backwall repairs are undetermined for this bridge. The Resident shall identify areas for deck and backwall repair after removing the existing header concrete and shall progress the repair work to reopen the travel lanes daily with temporary pavement and/or plating as required. Coordinate work with Resident. Payment for concrete repair work shall be under the 518 pay items.

Exist. 2 1/2" Hot Bituminous Pavement Over 1/4" Membrane Waterproofing (To Remain)

Exist. 2 1/2" Hot Bituminous Pavement Over 1/4" Membrane Waterproofing (To Remain)

| | |
|------------------------------|-----------------|
| STATE OF MAINE | BRIDGE PLANS |
| DEPARTMENT OF TRANSPORTATION | WIN |
| 2361502 | 023615.02 |
| | BRIDGE NO. 6291 |

| | | | |
|------------------|---------------|-------------|-------|
| PROJ. MANAGER | M. Kershauger | DATE | |
| DESIGN/DETAILED | G. Standley | DATE | 01/21 |
| CHECKED/REVIEWED | E. Breusselle | DATE | 01/21 |
| DESIGN/REVIEWED | A. Stephens | DATE | |
| DESIGN/REVIEWED | T. Cole | DATE | |
| REVISIONS | | SIGNATURE | |
| 1 | | P.E. NUMBER | |
| 2 | | DATE | |
| 3 | | | |
| 4 | | | |
| FIELD CHANGES | | | |

INTERSTATE 295 NORTHBOUND
S. PORTLAND TO PORTLAND
CUMBERLAND COUNTY
PLAN AND SECTION
PTRR (FORE RIVER)

SHEET NUMBER

7

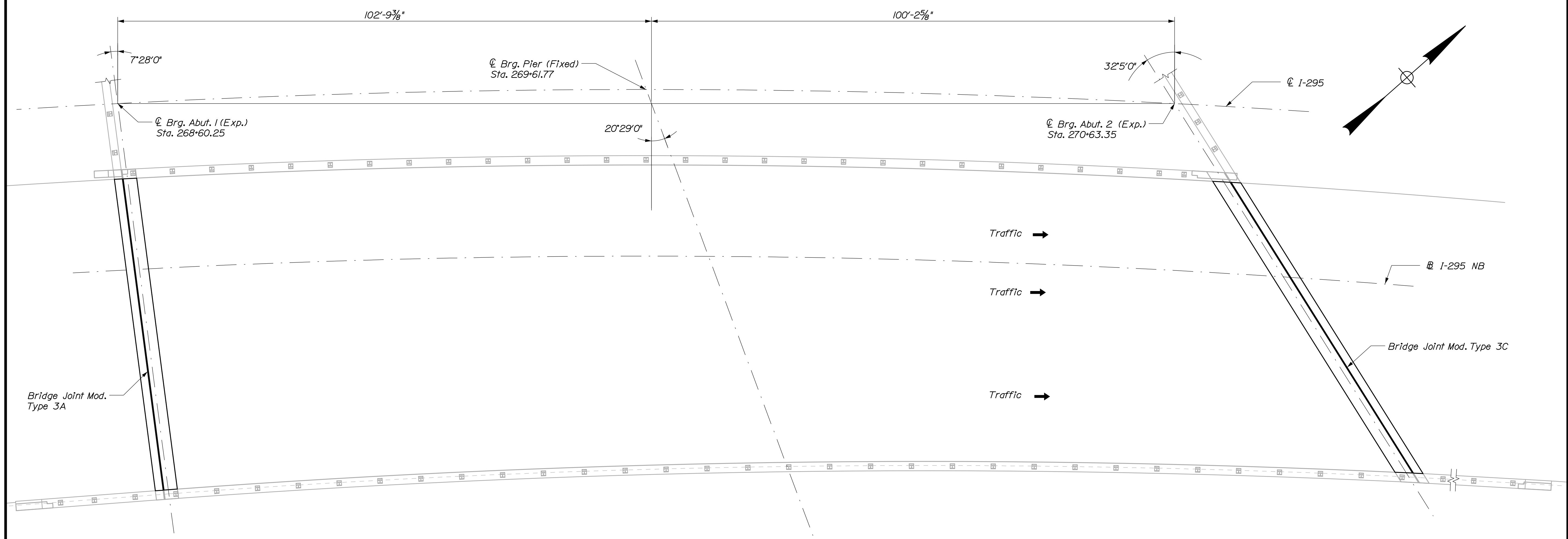
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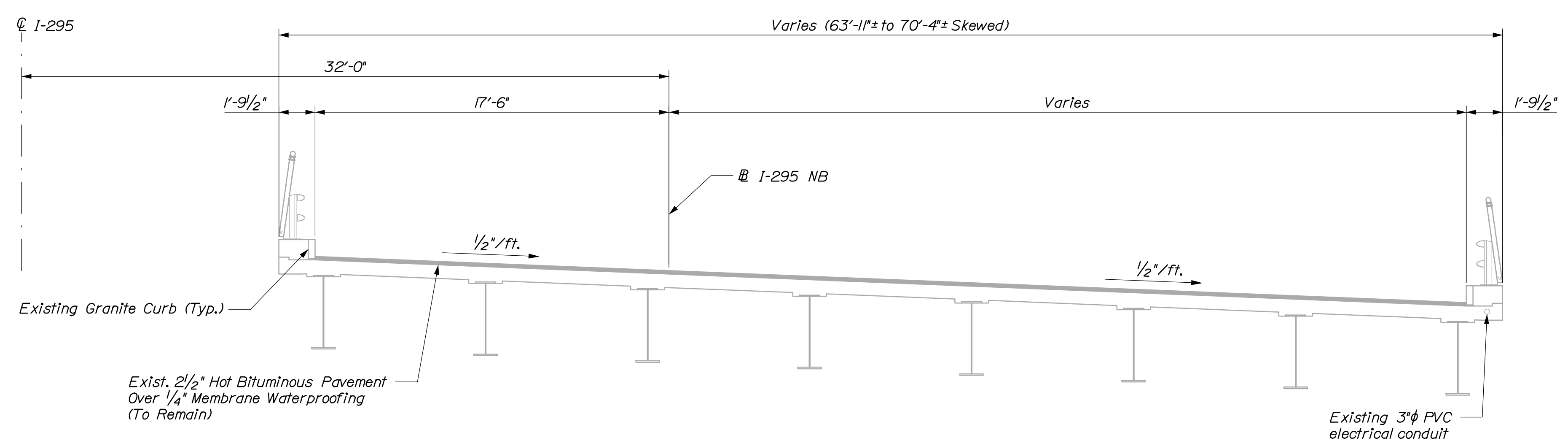
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Username:

Filename: 008_PlanSect - Congress and Park - NB.dwg



INTERSTATE 295 NORTHBOUND OVER CONGRESS STREET & PARK AVENUE
 Portland ~ Bridge No. 6294
 N.T.S.



TRANSVERSE SECTION
 N.T.S.

NOTES:
 1. Contractor shall repair areas of concrete deck and backwall deterioration under and adjacent to the existing elastomeric header concrete as directed by the Resident. Locations of deck and backwall repairs are undetermined for this bridge. The Resident shall identify areas for deck and backwall repair after removing the existing header concrete and shall progress the repair work to reopen the travel lanes daily with temporary pavement and/or plating as required. Coordinate work with Resident. Payment for concrete repair work shall be under the 518 pay items.

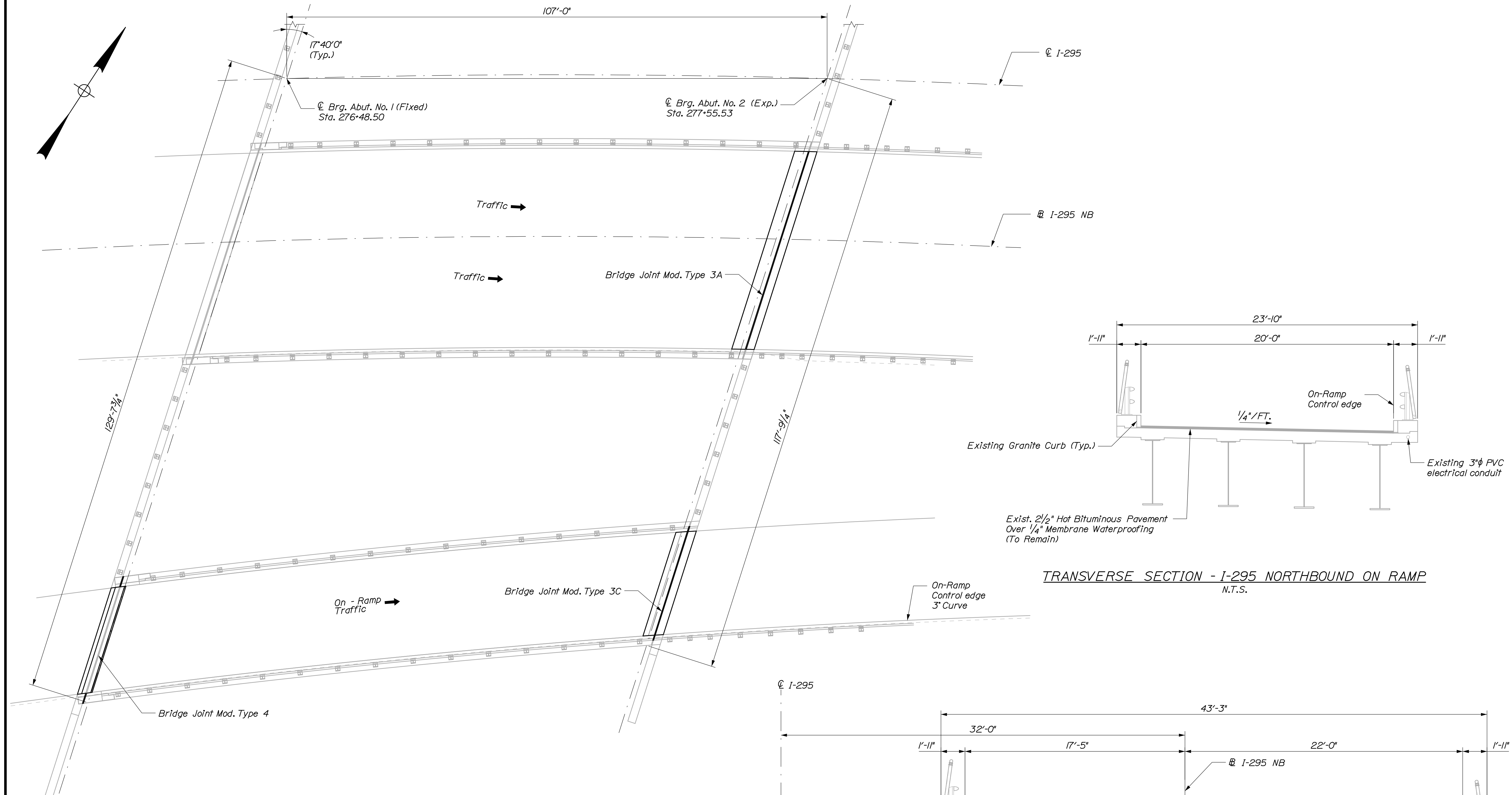
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| STATE OF MAINE DEPARTMENT OF TRANSPORTATION | | 2361502 | | BRIDGE NO. 6294 | | WIN 023615.02 | | BRIDGE PLANS | |
| INTERSTATE 295 NORTHBOUND S. PORTLAND TO PORTLAND CUMBERLAND COUNTY | | PLAN AND SECTION CONGRESS AND PARK | | SHEET NUMBER | | 8 | | OF 51 | |
| PROJ. MANAGER | M. Kersting | BY | E. Brunsell | DATE | 01/21 | SIGNATURE | | P.E. NUMBER | |
| DESIGN/DETAILED | G. Standley | CHECKED/REVIEWED | A. Stephens | DATE | 01/21 | SIGNATURE | | P.E. NUMBER | |
| DESIGN/REVIEWED | | DESIGN/DETAILED | | REVISIONS 1 | | | | REVISIONS 2 | |
| | | | | REVISIONS 3 | | | | REVISIONS 4 | |
| | | | | FIELD CHANGES | | | | | |



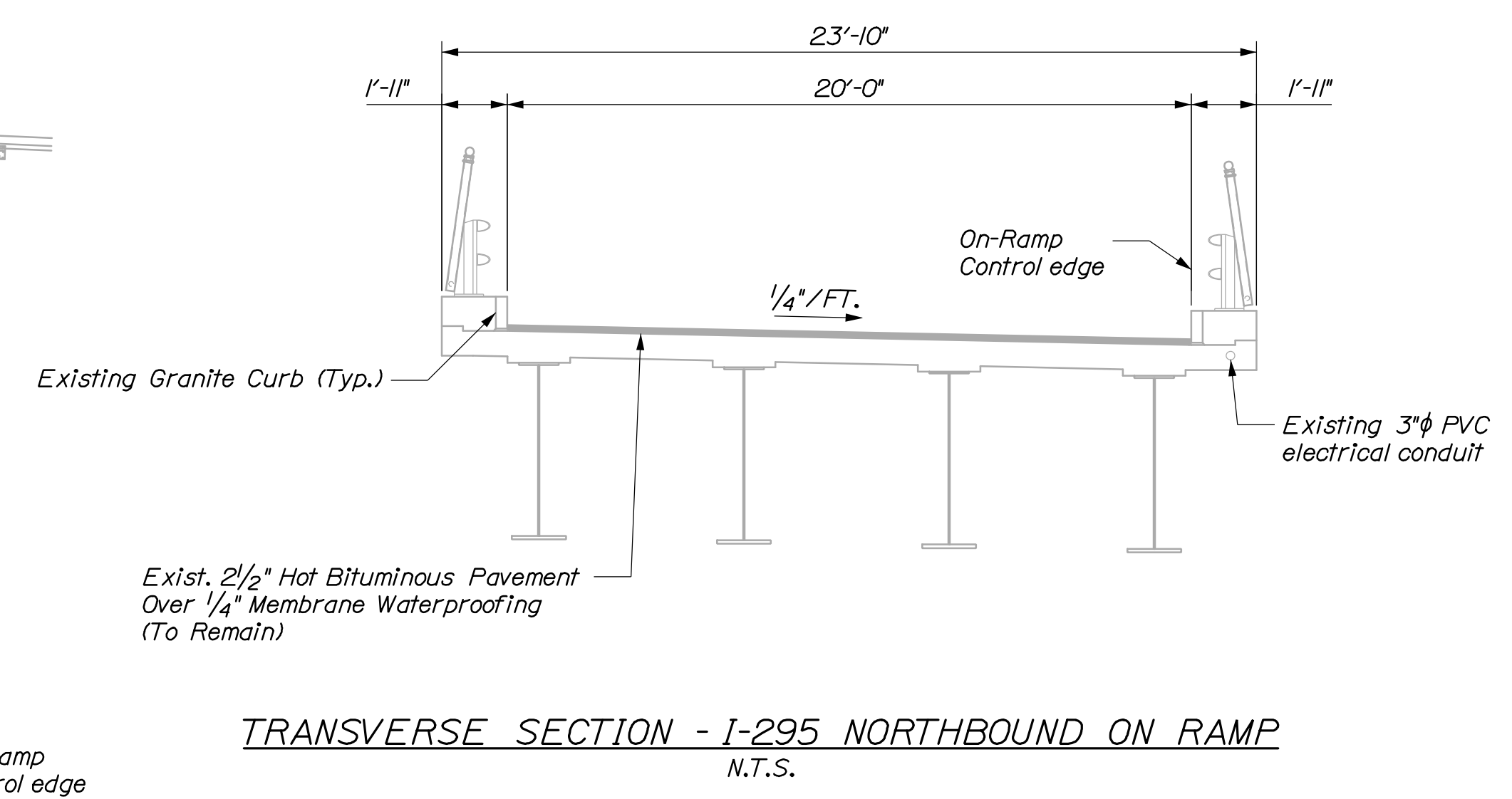
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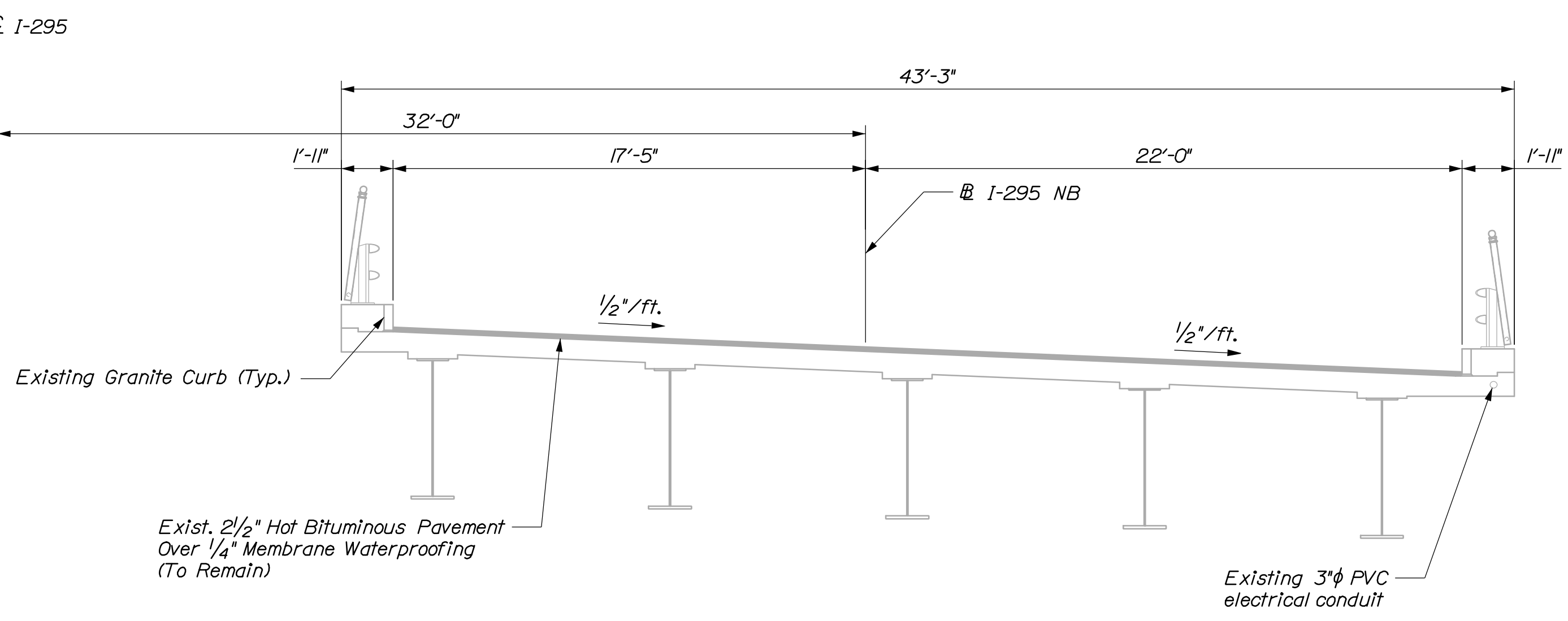
Filename: 009_PlanSect - St. James Street - NB.dwg/Division:



INTERSTATE 295 NORTHBOUND AND ON-RAMP OVER ST. JAMES STREET
 Portland ~ Bridge No. 6295
 N.T.S.



TRANSVERSE SECTION - I-295 NORTHBOUND ON RAMP
 N.T.S.



TRANSVERSE SECTION - I-295 NORTHBOUND
 N.T.S.

NOTES:
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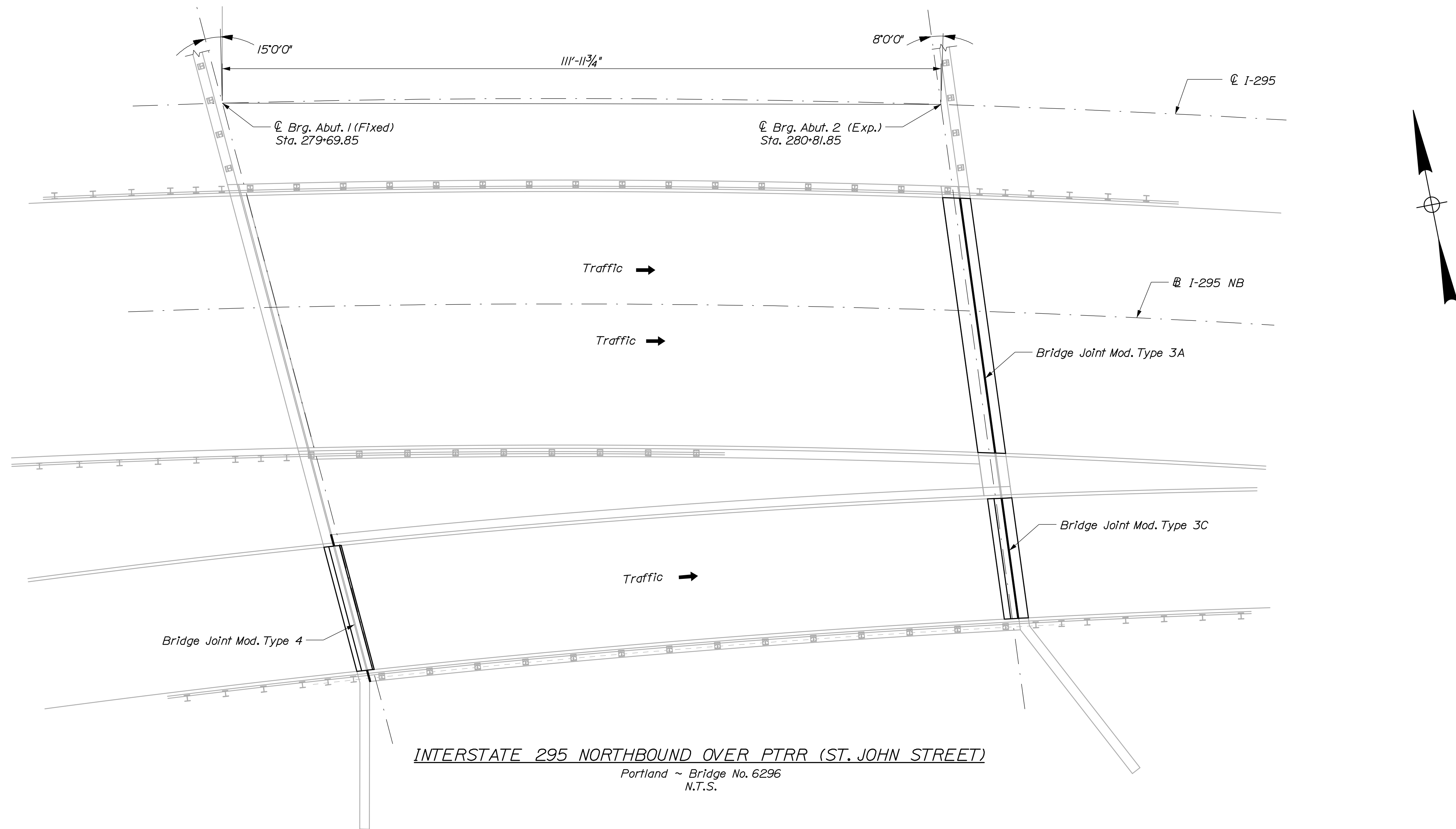
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|---|-------------|--------------------------------------|------------------------|---------------------------------|
| STATE OF MAINE DEPARTMENT OF TRANSPORTATION | | 2361502 | WIN 023615.02 | BRIDGE NO. 6295 BRIDGE PLANS |
| INTERSTATE 295 NORTHBOUND S. PORTLAND TO PORTLAND CUMBERLAND COUNTY | | PLAN AND SECTION ST. JAMES STREET | | |
| PROJ. MANAGER | M. Kersting | BY | E. Brunsell T. Cole | DATE |
| DESIGN DETAILED | G. Standley | CHECKED | A. Stephens | DATE |
| DESIGN REVIEWED | | DESIGN DETAILED | | DATE |
| REVISIONS 1 | | REVISIONS 1 | | DATE |
| REVISIONS 2 | | REVISIONS 2 | | DATE |
| REVISIONS 3 | | REVISIONS 3 | | DATE |
| REVISIONS 4 | | REVISIONS 4 | | DATE |
| FIELD CHANGES | | | | |
| SHEET NUMBER | | | | |
| 9 | | | | |
| OF 51 | | | | |



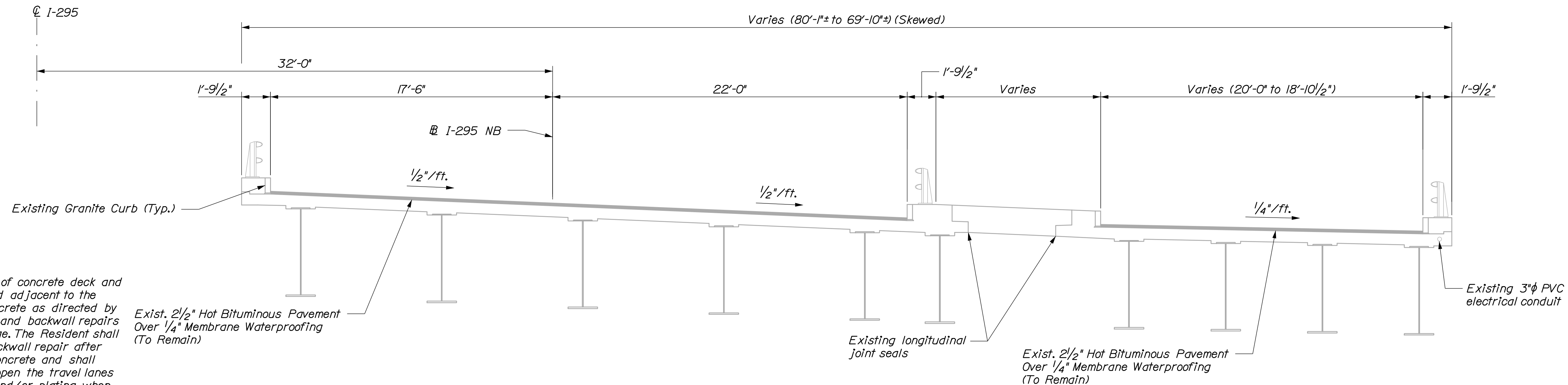
Date: 1/22/2021

Username:

Filename: 010_PlanSect - PTRR (St. John Street) - HNTB.dgn



INTERSTATE 295 NORTHBOUND OVER PTRR (ST. JOHN STREET)
 Portland ~ Bridge No. 6296
 N.T.S.



TRANSVERSE SECTION
 N.T.S.

NOTES:

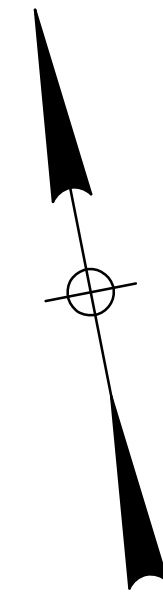
1. Contractor shall repair areas of concrete deck and backwall deterioration under and adjacent to the existing elastomeric header concrete as directed by the Resident. Locations of deck and backwall repairs are undetermined for this bridge. The Resident shall identify areas for deck and backwall repair after removing the existing header concrete and shall progress the repair work to reopen the travel lanes daily with temporary pavement and/or plating when required per Special Provision 107. Coordinate work with Resident. Payment for concrete repair work shall be under the 518 pay items.

Exist. 2 1/2\"/>

Existing longitudinal joint seals

Exist. 2 1/2\"/>

Existing 3\"/>



STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION

2361502

BRIDGE NO. 6296

WIN

023615.02

BRIDGE PLANS

DATE

BY

PROJ. MANAGER

CHECKED/REVIEWED

DESIGN/REVIEWED

REVISIONS 1

REVISIONS 2

REVISIONS 3

REVISIONS 4

FIELD CHANGES

SIGNATURE

P.E. NUMBER

DATE

INTERSTATE 295 NORTHBOUND
 S. PORTLAND TO PORTLAND
 CUMBERLAND COUNTY

**PLAN AND SECTION
 PTRR (ST. JOHN STREET)**

SHEET NUMBER

10

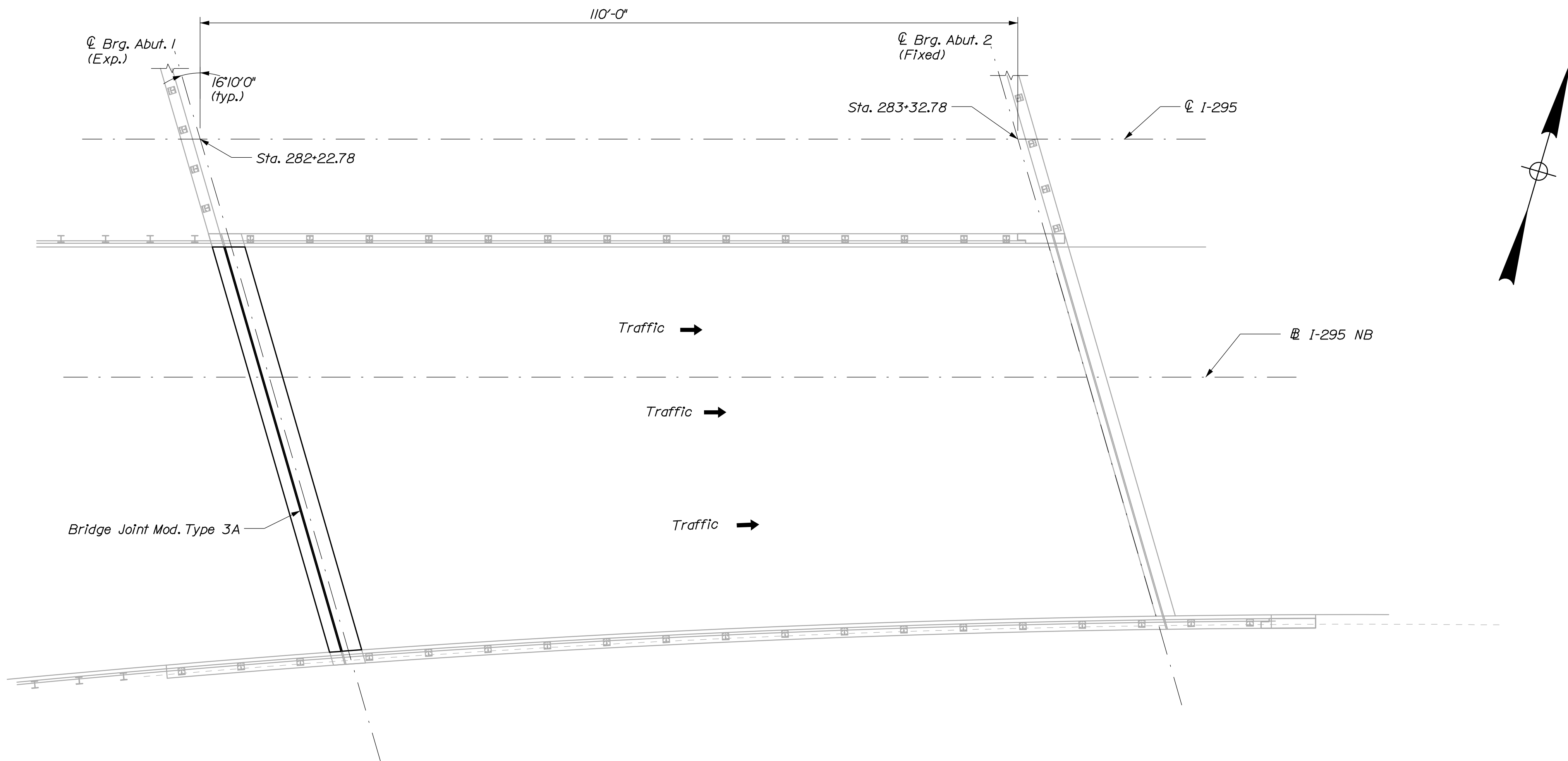
OF 51



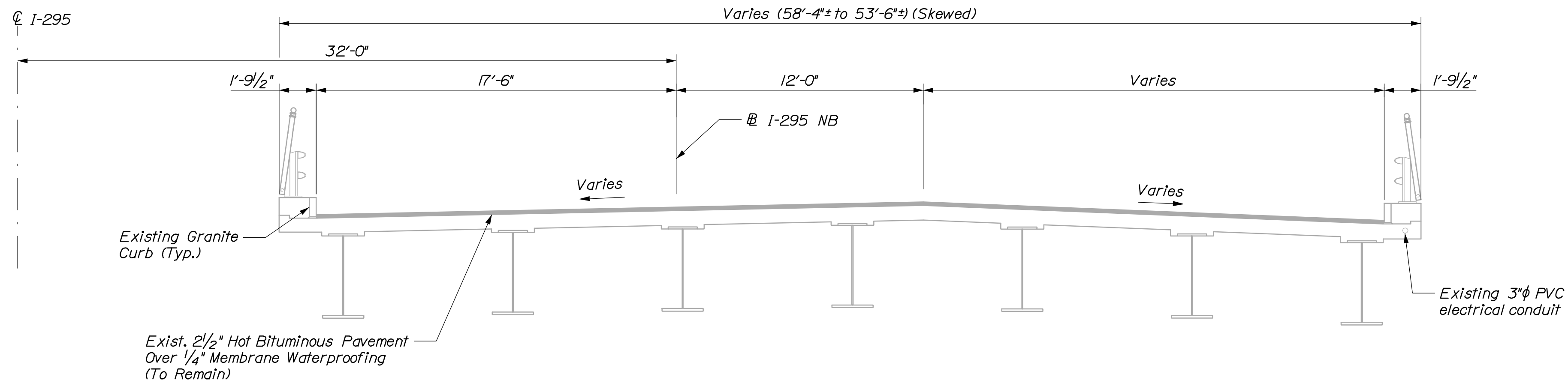
Date: 1/22/2021

Username:

Filename: 011_PlanSect - St. John Street - NB.dgn Division:



INTERSTATE 295 NORTHBOUND OVER ST. JOHN STREET
 Portland ~ Bridge No. 6297
 N.T.S.



TRANSVERSE SECTION
 N.T.S.

NOTES:

1. Contractor shall repair areas of concrete deck and backwall deterioration under and adjacent to the existing elastomeric header concrete as directed by the Resident. Locations of deck and backwall repairs are undetermined for this bridge. The Resident shall identify areas for deck and backwall repair after removing the existing header concrete and shall progress the repair work to reopen the travel lanes daily with temporary pavement and/or plating as required. Coordinate work with Resident. Payment for concrete repair work shall be under the 518 pay items.

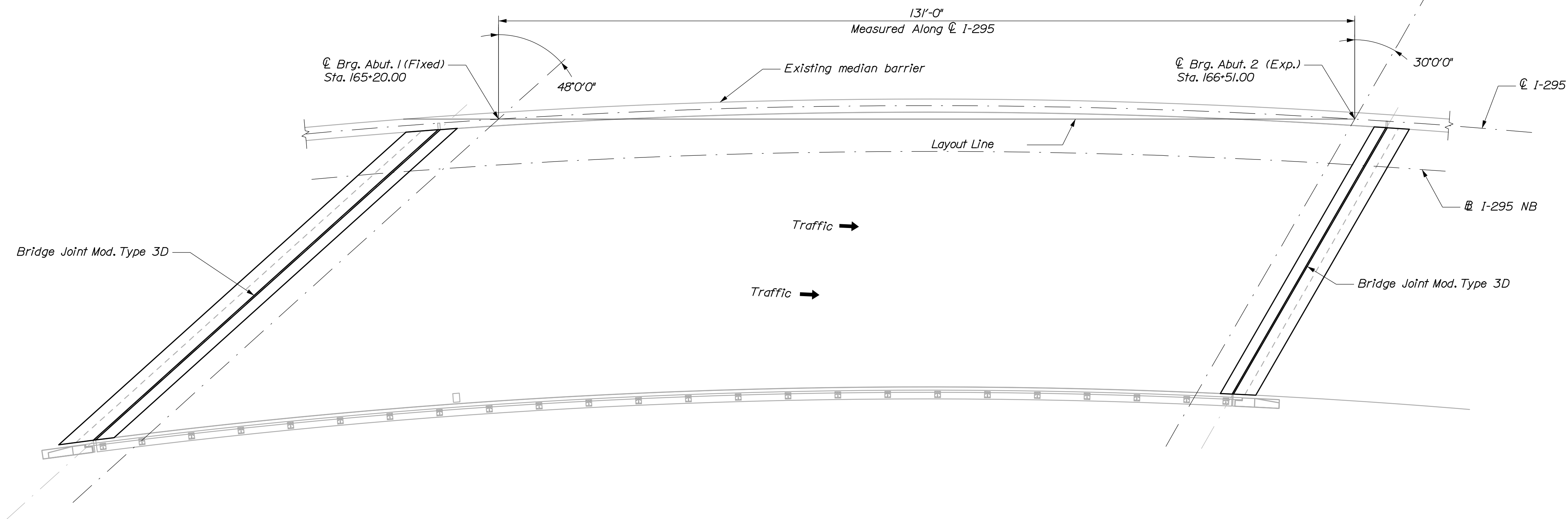
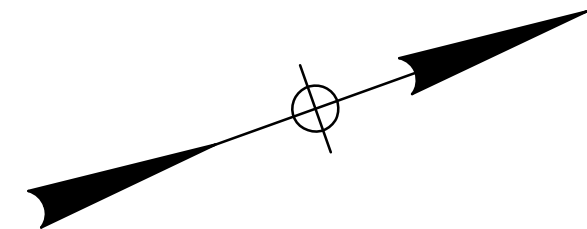
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|---|---------------|------------------|-------------------------------------|--------------|--|
| STATE OF MAINE DEPARTMENT OF TRANSPORTATION | | BRIDGE NO. 6297 | | BRIDGE PLANS | |
| 2361502 | | WIN | | 023615.02 | |
| PROJ. MANAGER | M. Kershauger | BY | E. Brunsell | SIGNATURE | |
| DESIGN/DETAILED | G. Standley | CHECKED/REVIEWED | T. Cole | P.E. NUMBER | |
| CHECKED/REVIEWED | A. Stephens | DESIGN/DETAILED | | DATE | |
| DESIGN/DETAILED | | REVISIONS 1 | | | |
| REVISIONS 1 | | REVISIONS 2 | | | |
| REVISIONS 2 | | REVISIONS 3 | | | |
| REVISIONS 3 | | REVISIONS 4 | | | |
| REVISIONS 4 | | FIELD CHANGES | | | |
| INTERSTATE 295 NORTHBOUND S. PORTLAND TO PORTLAND CUMBERLAND COUNTY | | | PLAN AND SECTION ST. JOHN STREET | | |
| SHEET NUMBER | | | 11 | | |
| | | | OF 51 | | |



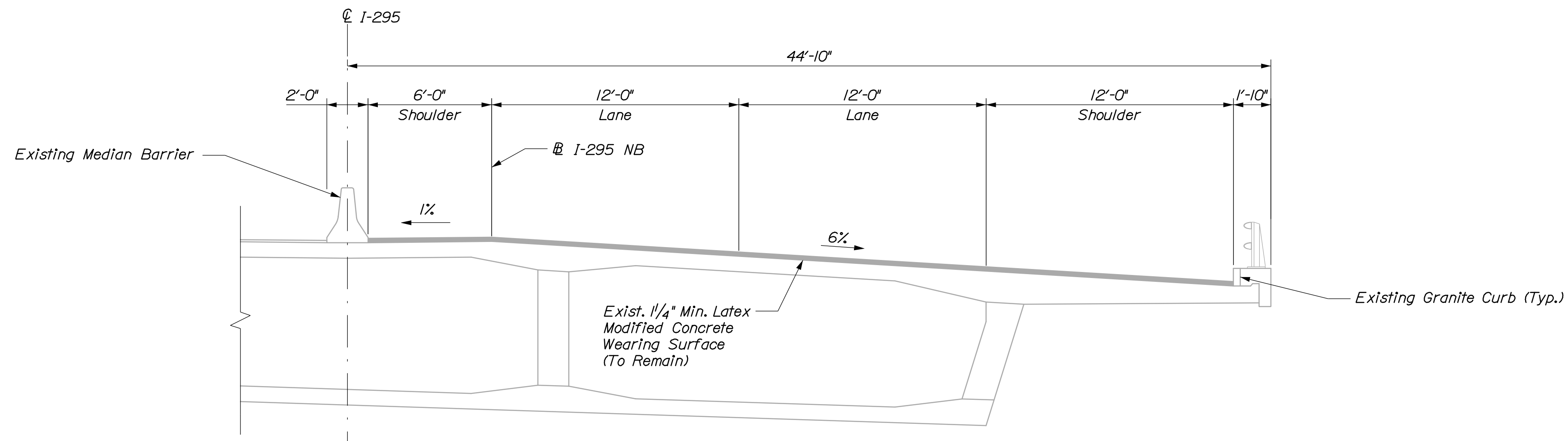
Date: 1/22/2021

Username:

Filename: 012_PlanSect - Washington Avenue On RabbipistonNB.dgn



INTERSTATE 295 NORTHBOUND OVER WASHINGTON AVENUE
 Portland ~ Bridge No. 0816
 N.T.S.



HALF TRANSVERSE SECTION
 N.T.S.

NOTES:

1. Contractor shall repair areas of concrete deck and backwall deterioration under and adjacent to the existing elastomeric header concrete as directed by the Resident. Locations of deck and backwall repairs are undetermined for this bridge. The Resident shall identify areas for deck and backwall repair after removing the existing header concrete and shall progress the repair work to reopen the travel lanes daily with temporary pavement and/or plating as required. Coordinate work with Resident. Payment for concrete repair work shall be under the 518 pay items.

| | | | |
|--|---------------------------------|---|-------------|
| STATE OF MAINE DEPARTMENT OF TRANSPORTATION 2361502 | | BRIDGE NO. 0816 WIN 023615.02 BRIDGE PLANS | |
| PROJ. MANAGER M. Kershauger | BY E. Beausoleil T. Cole | DATE 01/21 01/21 | SIGNATURE |
| DESIGN-DETAILED G. Standley | CHECKED-REVIEWED A. Stephens | | P.E. NUMBER |
| DESIGN-DETAILED | DESIGN-DETAILED | | DATE |
| REVISIONS 1 | | | |
| REVISIONS 2 | | | |
| REVISIONS 3 | | | |
| REVISIONS 4 | | | |
| FIELD CHANGES | | | |
| INTERSTATE 295 NORTHBOUND S. PORTLAND TO PORTLAND CUMBERLAND COUNTY PLAN AND SECTION WASHINGTON AVE. | | SHEET NUMBER 12 OF 51 | |

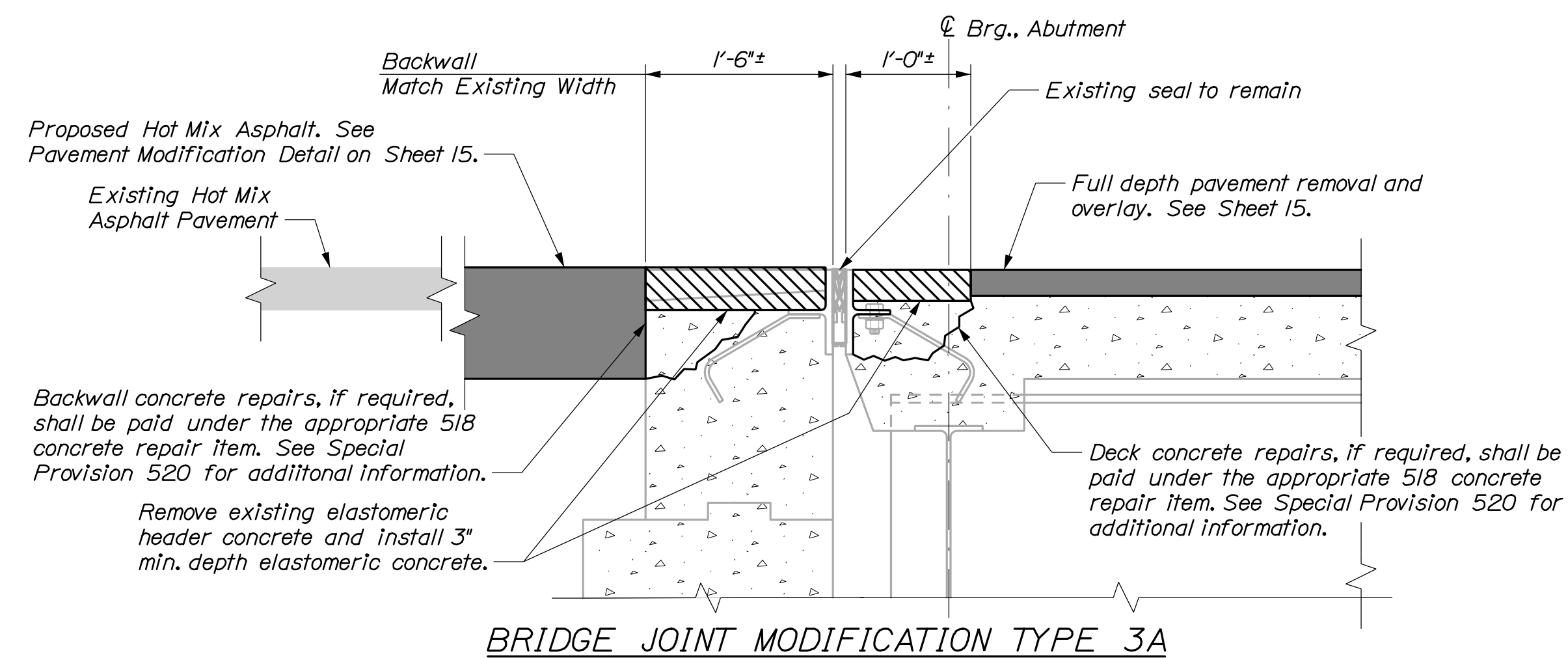


Date: 1/22/2021

Username:

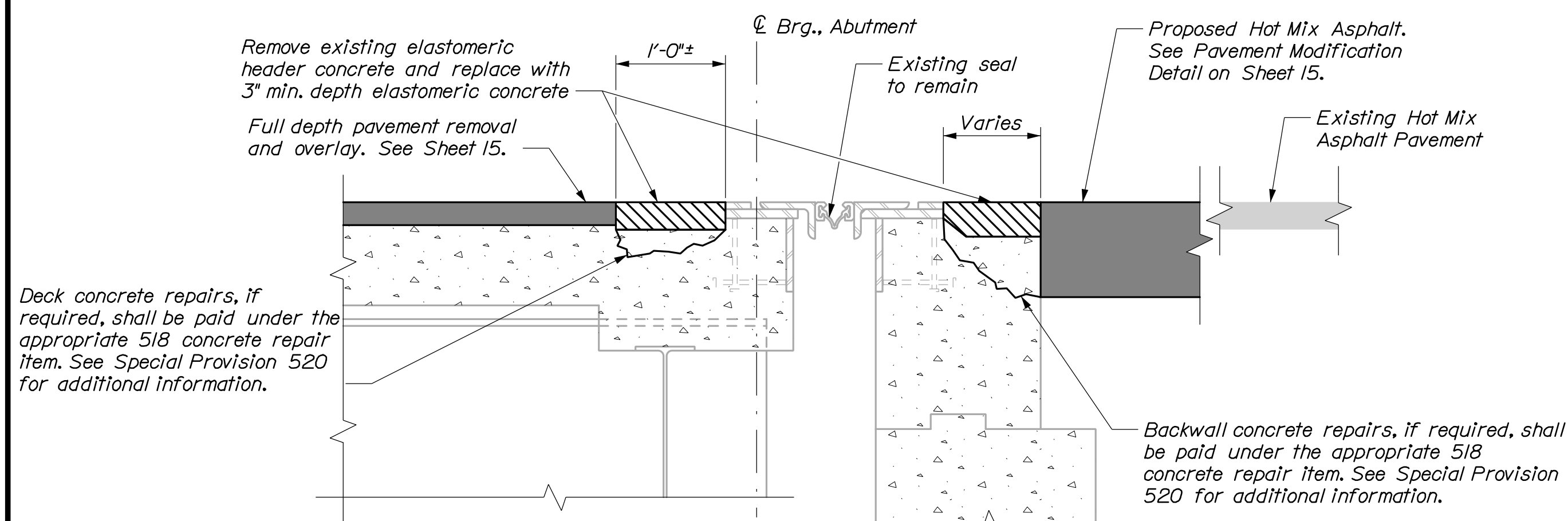
Division:

Filename: 013_Joint Modification Details 1.dgn



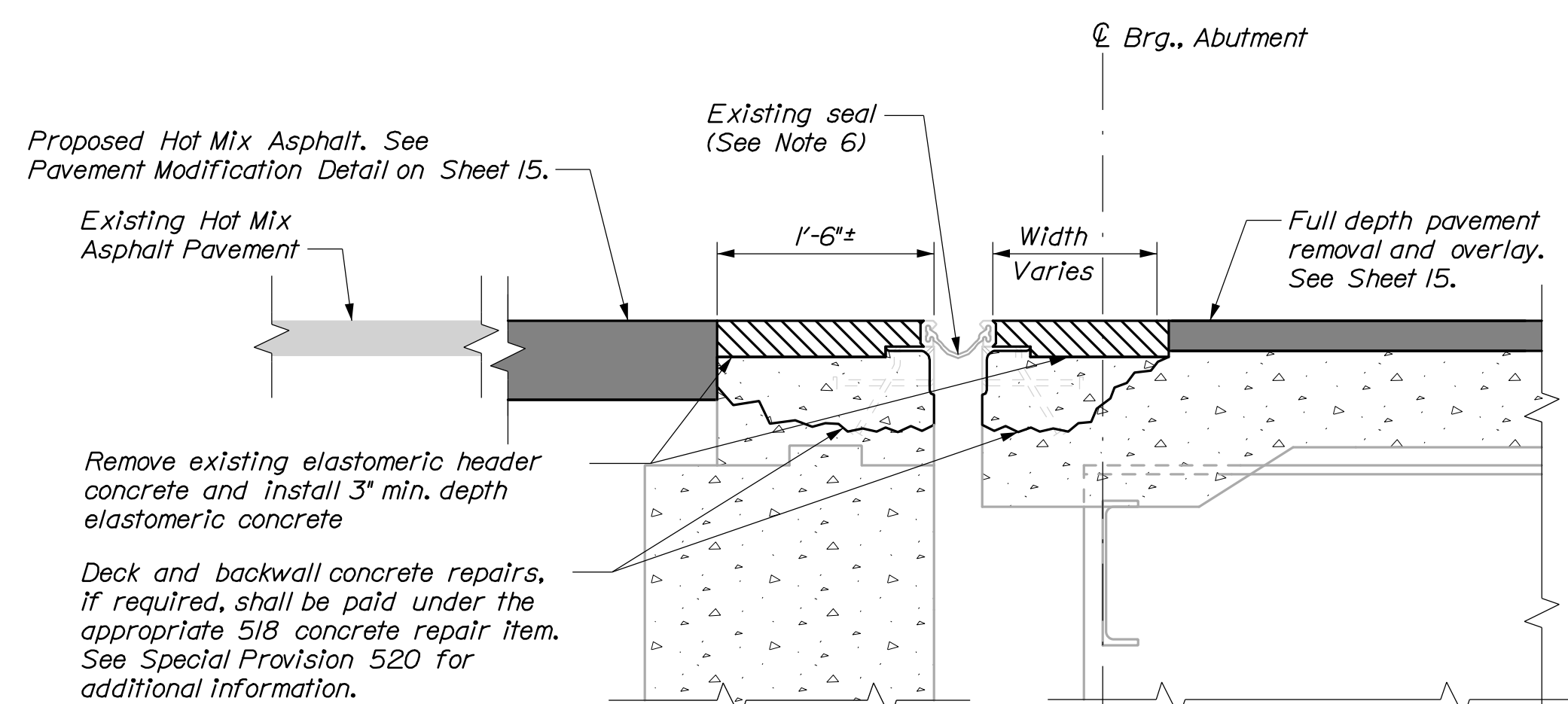
BRIDGE JOINT MODIFICATION TYPE 3A

Limits of joint modification:
Elastomeric concrete - full deck width to face of raised curbs.



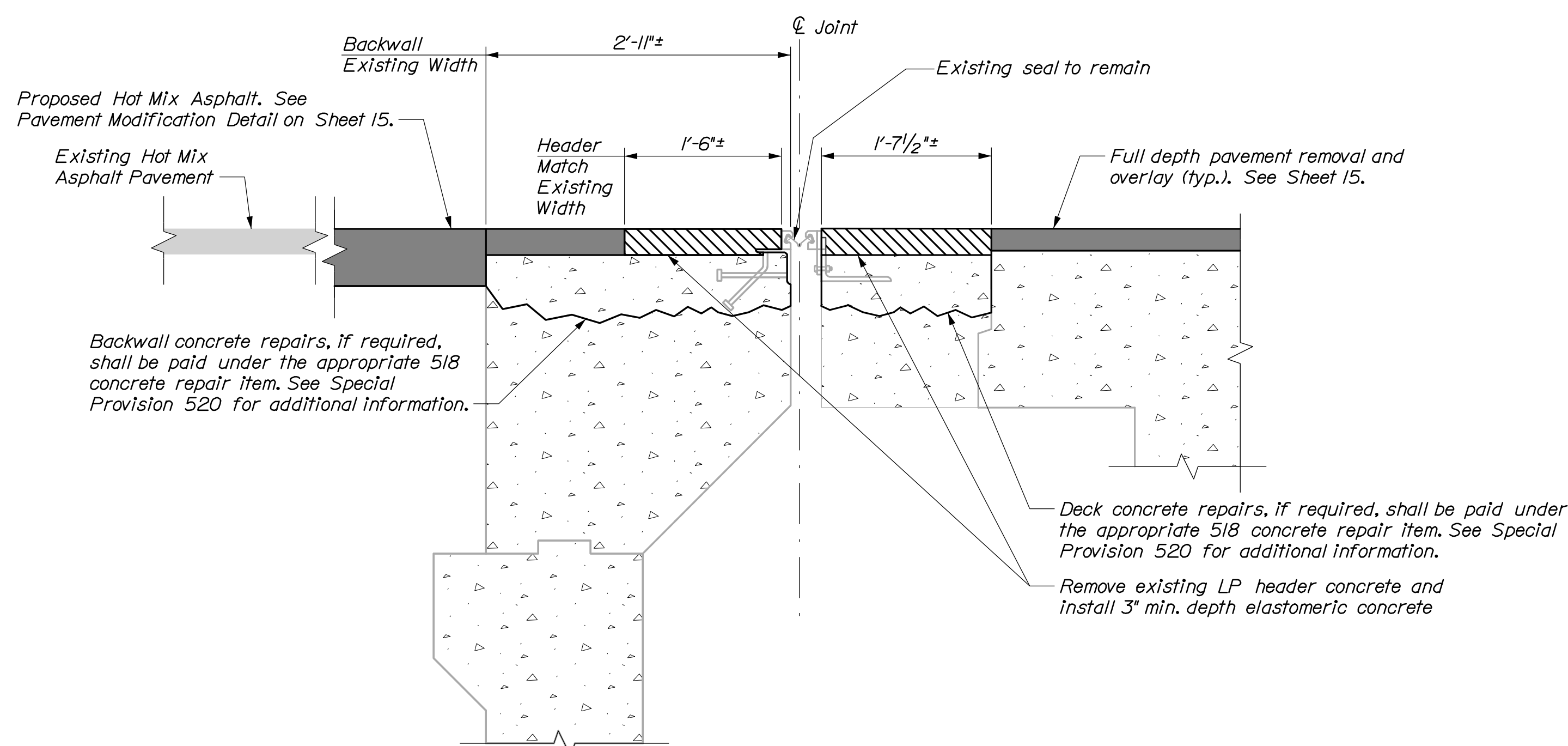
BRIDGE JOINT MODIFICATION TYPE 3B

Limits of joint modification:
Elastomeric concrete - full deck width to face of raised curbs.



BRIDGE JOINT MODIFICATION TYPE 3C

Limits of joint modification:
Elastomeric concrete - full deck width to face of raised curbs.

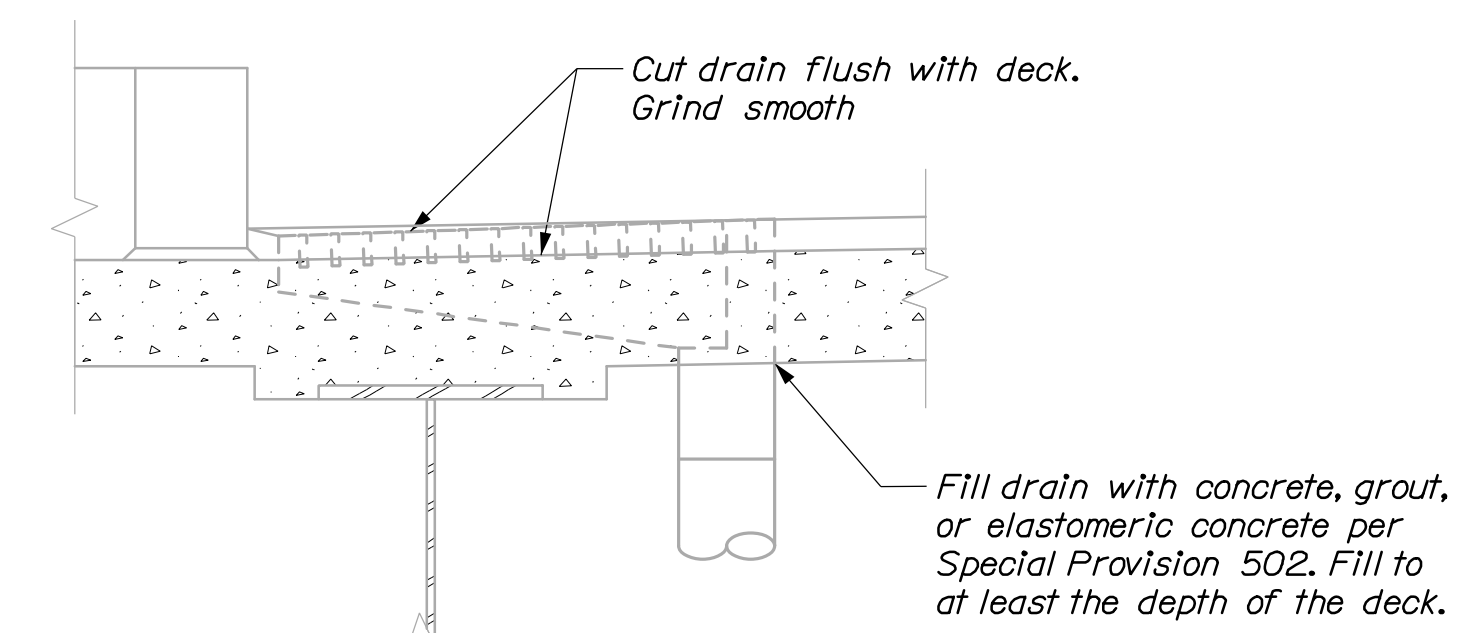


BRIDGE JOINT MODIFICATION TYPE 3D

Limits of joint modification:
Elastomeric concrete - full deck width to face of raised curbs.

NOTES

1. Elastomeric concrete headers shall be set to the proposed roadway profile grade and deck cross slope established as defined in Special Provision 40I.
2. All elastomeric header concrete shall be formed. Elastomeric header concrete shall not be cast against existing pavement.
3. The existing elastomeric header concrete shall be removed full depth on the deck and backwall. The As-Built Plans specified the elastomeric header concrete be installed to a minimum of 3 inches in depth. Actual conditions may vary.
4. After completing the elastomeric header concrete replacement and associated deck concrete and backwall concrete repairs:
 - a. Remove the existing deck bituminous pavement and membrane to the concrete deck surface to a distance approved by the Resident from the edge of the proposed elastomeric header concrete, apply bituminous mastic to the area of pavement removal in accordance with the project special provisions, and place HMA to the roadway profile grade and deck cross slope. Install a pavement transition down to the existing deck pavement. Payment for the bituminous mastic shall be made under Item No. 424.38 Crack Repair, Hot Pour Mastic.
 - b. Remove the existing approach (departure) bituminous pavement to the bottom of the deepest repair of the backwall and reconstruct to the roadway profile grade and deck cross slope. Install a pavement transition down to the existing approach pavement.
5. Upon completion of the permanent HMA repairs mill and fill the deck and approaches to smoothly match into the existing pavement.
6. Seals to be replaced at On-Ramp over St. James Street and On-Ramp over PTRR (St. John Street), see Bridge Joint Modification Type 3C. All other existing seals to remain.



PLUGGING EXISTING BRIDGE DRAIN DETAIL

| PROJ. MANAGER | BY | DATE | DESIGN DETAILED | CHECKED/REVIEWED | DESIGN DETAILED | REVISIONS | SIGNATURE | P.E. NUMBER | DATE |
|---------------|---------------|----------|-----------------|------------------|-----------------|---------------|-----------|-------------|------|
| M. Kersting | E. Brusaletti | 01/21/21 | G. Standley | T. Cole | | 1 | | | |
| | A. Stephens | | | | | 2 | | | |
| | | | | | | 3 | | | |
| | | | | | | 4 | | | |
| | | | | | | FIELD CHANGES | | | |

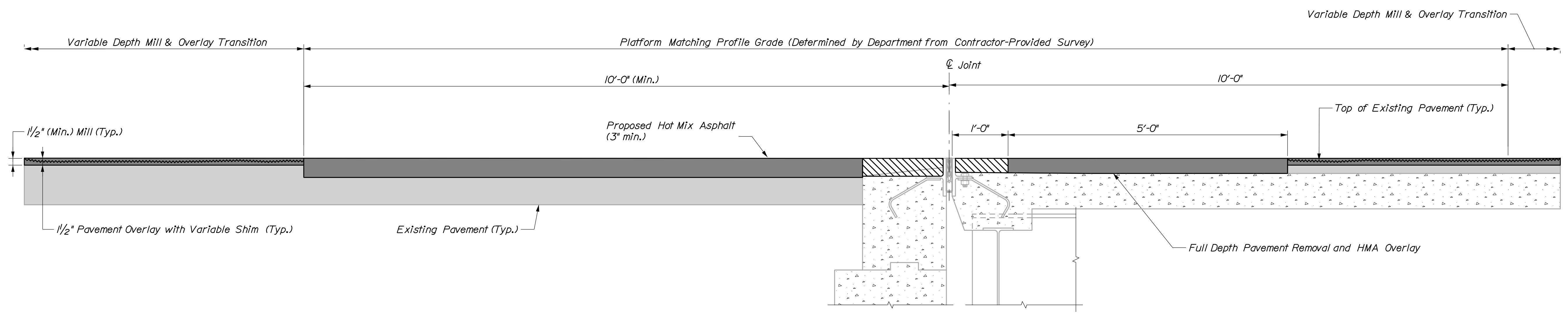


Date: 1/22/2021

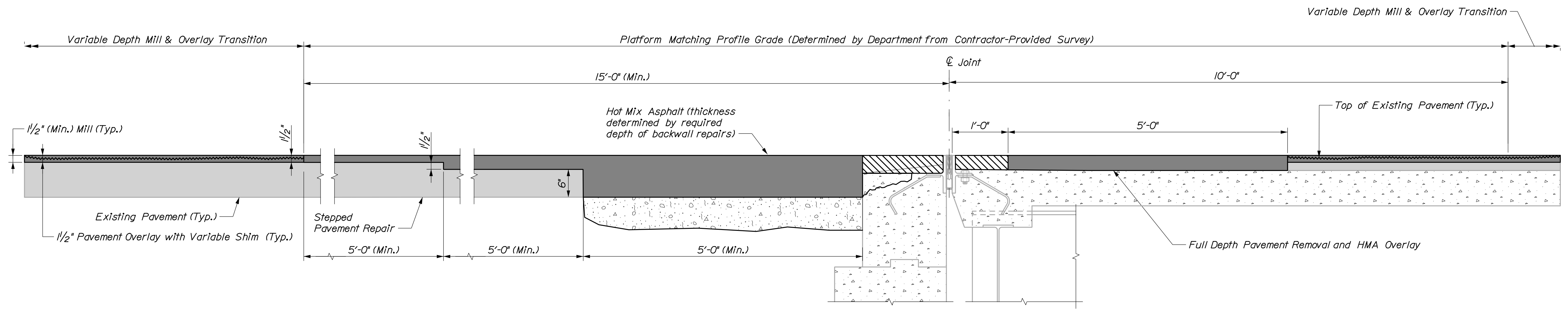
Username:

Division:

Filename: 015_Joint Modification Details 3.dgn



PROFILE GRADE CORRECTION (WITH NO BACKWALL REPAIRS)



PROFILE GRADE CORRECTION (WITH BACKWALL REPAIRS)

PAVEMENT MODIFICATION - BRIDGE JOINT MODIFICATION TYPE 3

Bridge Joint Modification Type 3A as shown, Types 3B, 3C, and 3D similar
(Backwall - Left, Deck - Right as shown)
(Deck - Left, Backwall - Right similar)

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
2361502
WIN
023615.02
BRIDGE PLANS

| | | |
|------------------|------|-------------|
| DESIGN/REVIEWED | DATE | SIGNATURE |
| CHECKED/REVIEWED | DATE | P.E. NUMBER |
| DESIGN/REVIEWED | DATE | DATE |

| | | |
|------------------|----|------|
| PROJ. MANAGER | BY | DATE |
| DESIGN/REVIEWED | BY | DATE |
| CHECKED/REVIEWED | BY | DATE |
| DESIGN/REVIEWED | BY | DATE |
| REVISIONS 1 | | |
| REVISIONS 2 | | |
| REVISIONS 3 | | |
| REVISIONS 4 | | |
| FIELD CHANGES | | |

INTERSTATE 295 NORTHBOND
S. PORTLAND TO PORTLAND
CUMBERLAND COUNTY
JOINT MODIFICATION
DETAILS III

SHEET NUMBER
15
OF 51

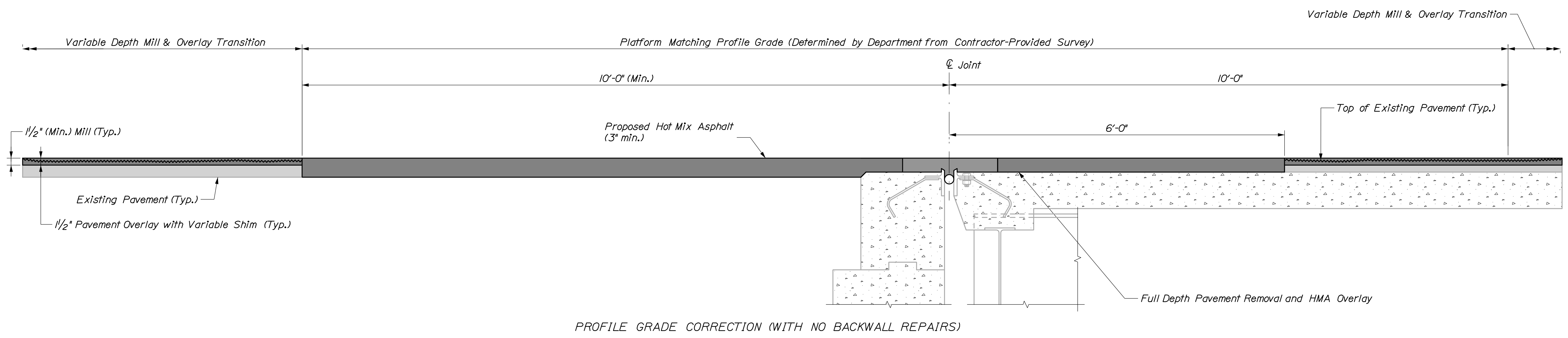


Date: 1/22/2021

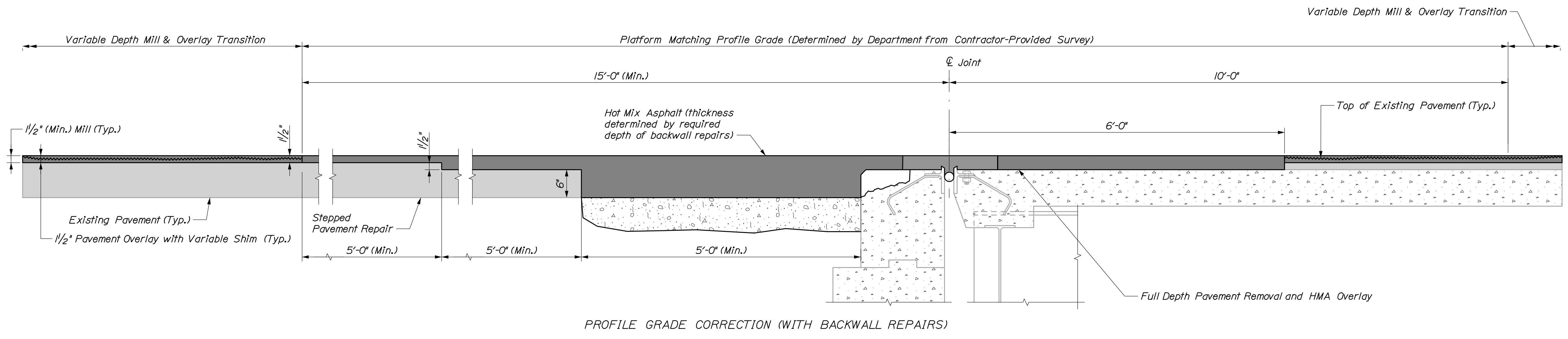
Username:

Division:

Filename: 016_Joint Modification Details 4.dgn



PROFILE GRADE CORRECTION (WITH NO BACKWALL REPAIRS)



PROFILE GRADE CORRECTION (WITH BACKWALL REPAIRS)

PAVEMENT MODIFICATION - BRIDGE JOINT MODIFICATION TYPE 4

(Backwall - Left, Deck - Right as shown)
(Deck - Left, Backwall - Right similar)

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
2361502
WIN
023615.02
BRIDGE PLANS

| | | |
|----------|------|-------------|
| DESIGN | DATE | SIGNATURE |
| CHECKED | DATE | P.E. NUMBER |
| DESIGNED | DATE | DATE |

| | | |
|-------------------|-------------|-------|
| PROJ. MANAGER | BY | DATE |
| DESIGN-DETAILED | E. Brunsell | 01/21 |
| CHECKED-REVIEWED | T. Cole | 01/21 |
| DESIGNED-DETAILED | | |
| REVISIONS 1 | | |
| REVISIONS 2 | | |
| REVISIONS 3 | | |
| REVISIONS 4 | | |
| FIELD CHANGES | | |

INTERSTATE 295 NORTHBOND
S. PORTLAND TO PORTLAND
CUMBERLAND COUNTY
JOINT MODIFICATION
DETAILS IV

SHEET NUMBER
16
OF 51

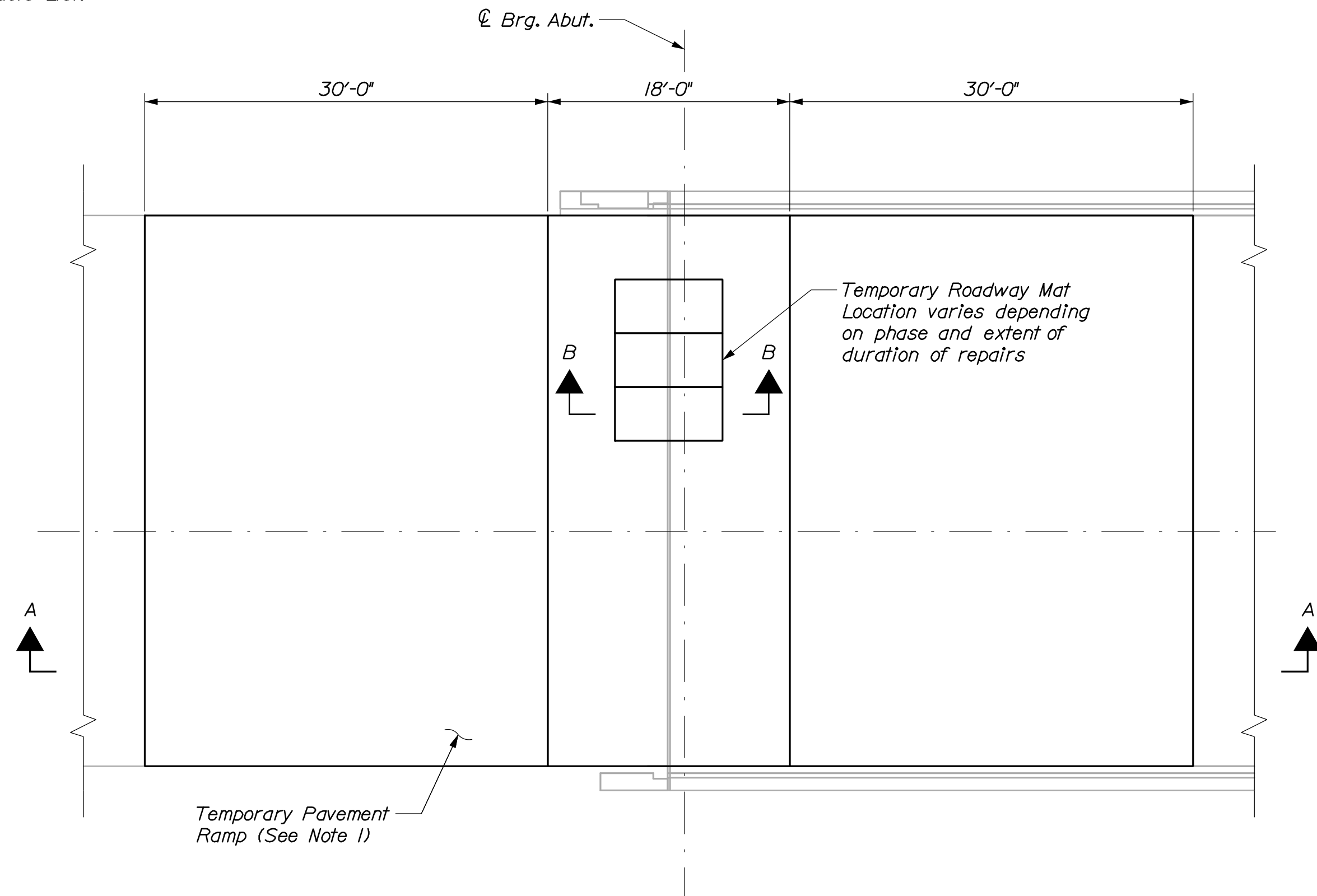


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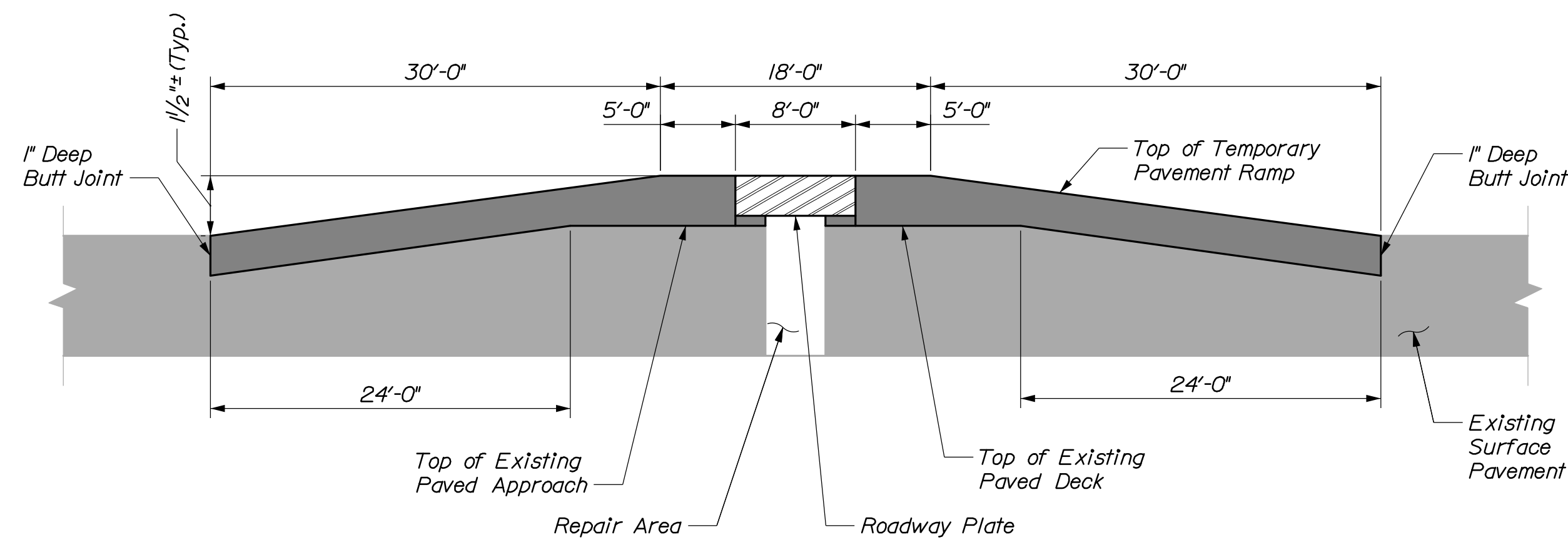
1. Pavement placed for the Temporary Roadway Mat will be paid for under Pay Item 461.131, "Temporary Pavement". Butt Joints shall be incidental to Pay Item 524.50, "Temporary Roadway Mat".

2. Contractor may propose alternate roadway plate designs in accordance with Special Provision 524.

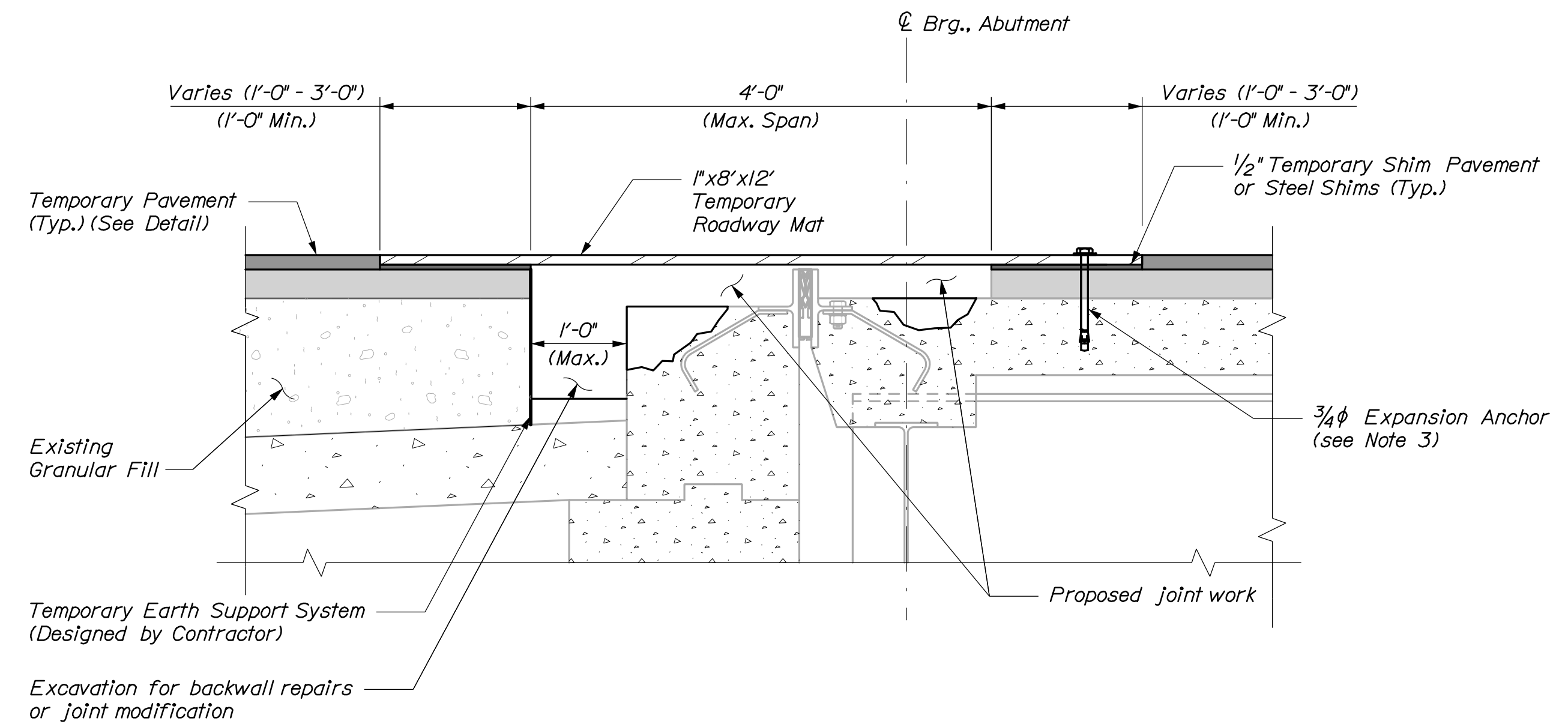
3. Expansion Anchors shall be fully removable, heavy duty, vibration resistant self-locking sleeve anchors installed in accordance with manufacturer's requirements. Each Expansion Anchor shall have a minimum embedment into concrete of 4 inches, excluding pavement thickness, and capable of resisting a shear loading of 5.0 kips and a tensile force of 5.0 kips. Following completion of the work all bolt holes shall be filled with a non-shrink grout selected from the Qualified Products List.



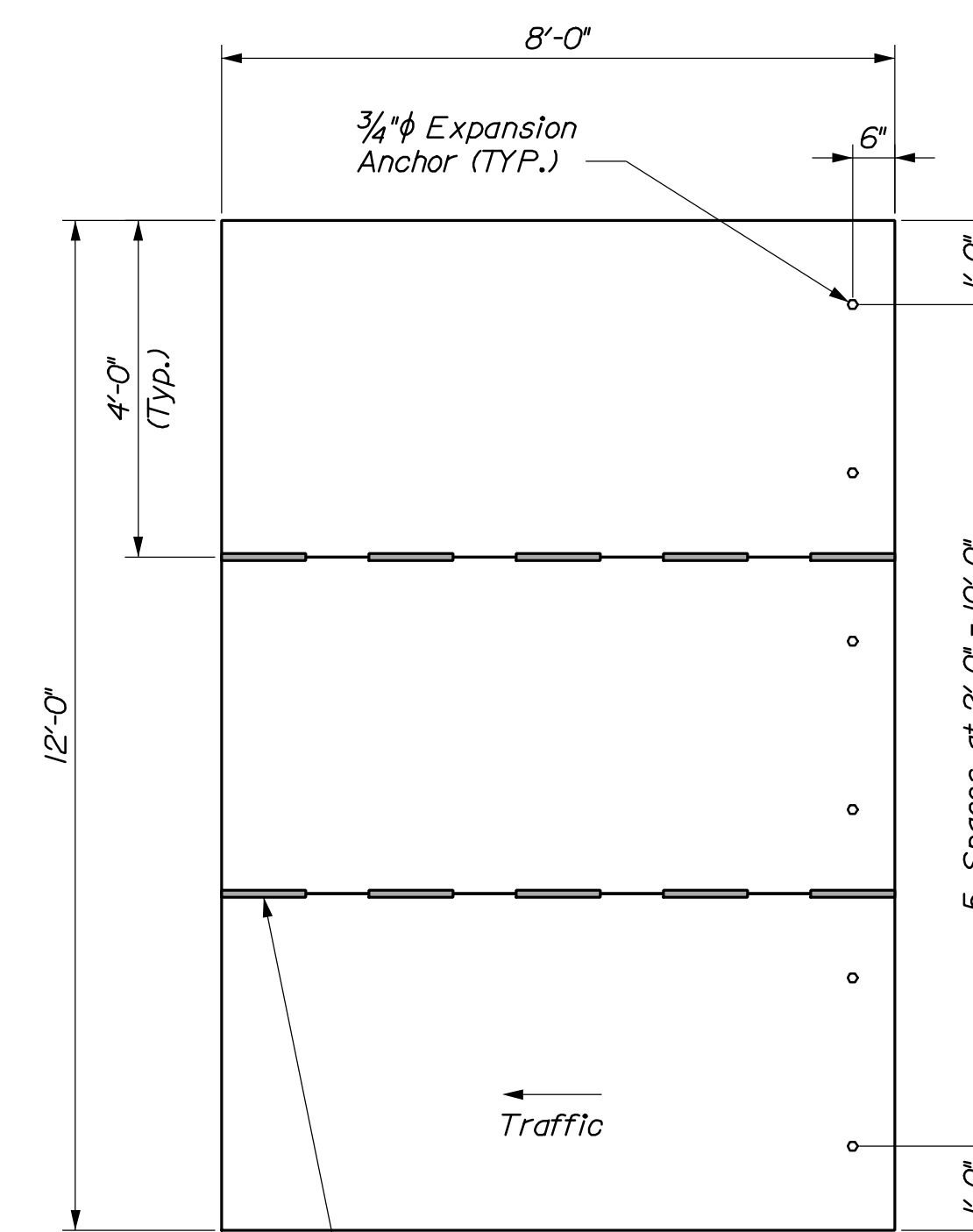
PLAN VIEW



**SECTION A-A
TEMPORARY PAVEMENT DETAIL**
(Vertical Scale Exaggerated)



SECTION B-B



TEMPORARY ROADWAY MAT PLAN

Use a minimum of (5) 12" welds along each seam. Bevel the plate 1/2" to allow for a 1/16" weld. Field weld locations as shown. Typical each plate connection. Grind welds smooth before allowing traffic.

Date: 1/22/2021

Username:

Filename: 017_Joint Modification Plating Details.dgn Division:

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
2361502
WIN
023615.02
BRIDGE PLANS

| PROJ. MANAGER | BY | DATE |
|------------------|---------------|-------|
| M. Kerschberger | E. Beausoleil | 01/21 |
| DESIGN DETAILED | G. Standley | 01/21 |
| CHECKED/REVIEWED | A. Stephens | |
| DESIGN DETAILED | T. Cole | |
| DESIGN DETAILED | | |
| REVISIONS | SIGNATURE | |
| 1 | | |
| 2 | P.E. NUMBER | |
| 3 | | |
| 4 | DATE | |
| FIELD CHANGES | | |

INTERSTATE 295 NORTHBOUND
S. PORTLAND TO PORTLAND
CUMBERLAND COUNTY
JOINT MODIFICATION
TEMP. ROADWAY MAT

SHEET NUMBER
17
OF 51

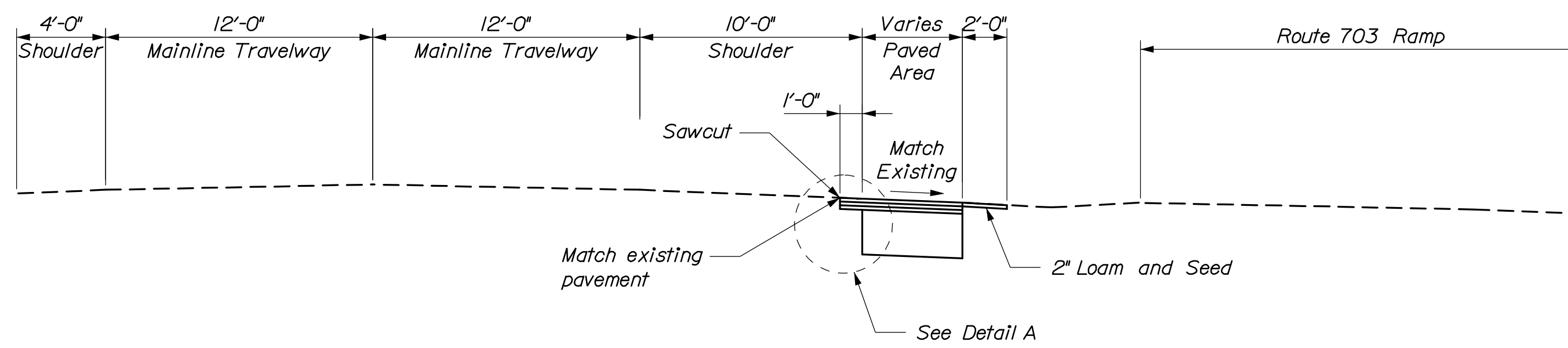
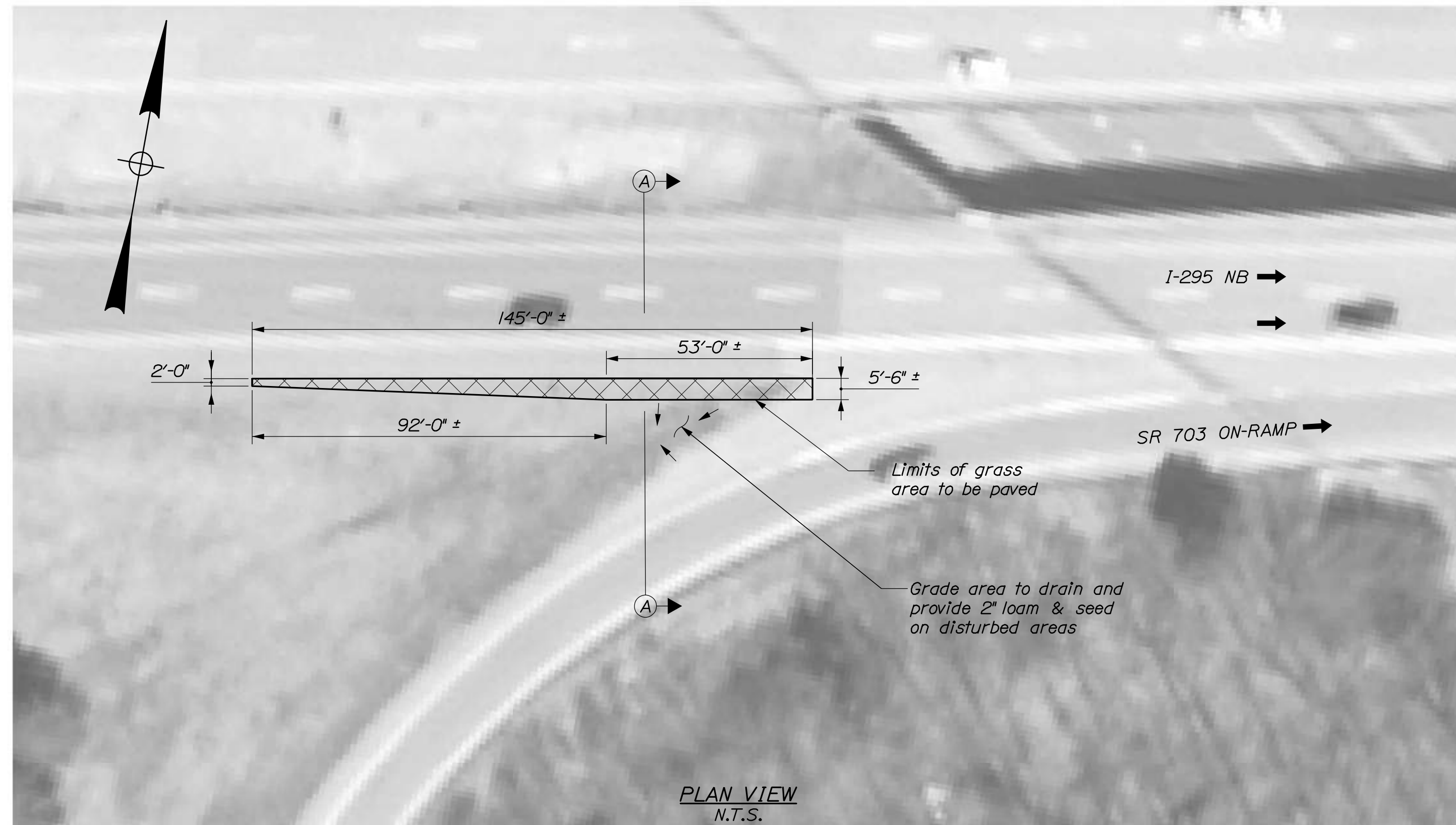


Date: 1/22/2021

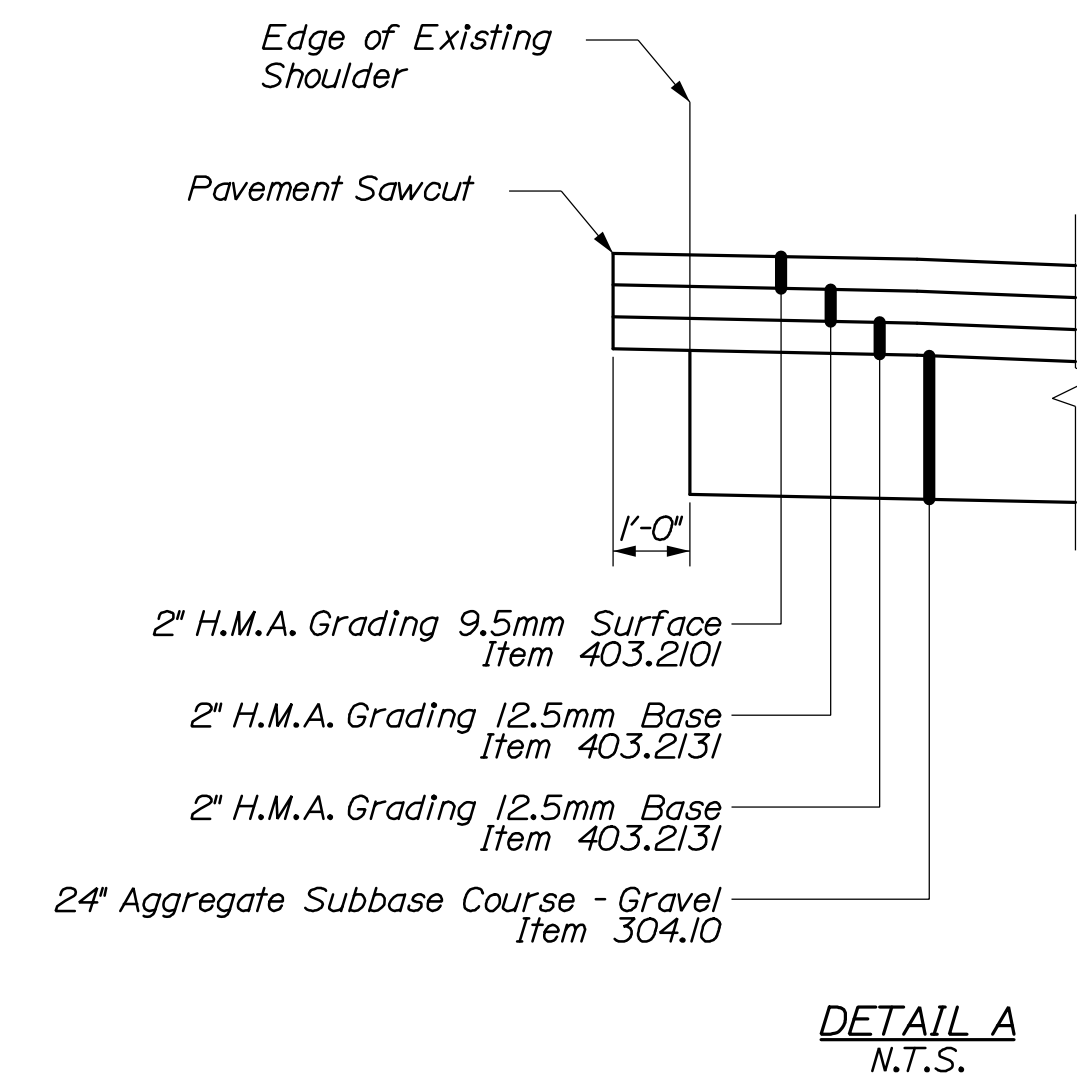
Username:

Division:

Filename: 018_Route 703 Pvrmt Detail.dgn



PAVEMENT WIDENING DETAILS
INTERSTATE 295 NORTHBOUND OVER ROUTE 703
N.T.S.



NOTE:

1. Pavement Widening is required for Route 703 Option 1.
2. Pavement shall be placed prior to Phase I of the Route 703 bridge work.
3. Area of pavement widening is not required to be removed upon completion of Phase I bridge work.



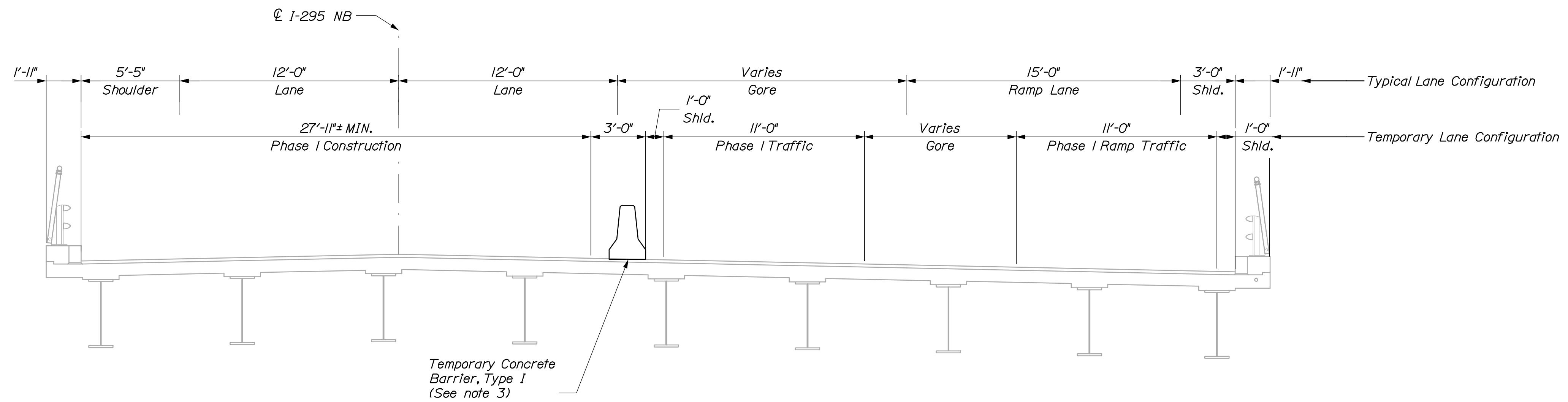
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| STATE OF MAINE DEPARTMENT OF TRANSPORTATION | | 2361502 | |
| BRIDGE NO. Varies | | WIN 023615.02 | |
| BRIDGE PLANS | | | |
| PROJ. MANAGER | M. Kersting | BY | A. Sweet |
| DESIGN DETAILED | A. Sweet | CHECKED/REVIEWED | L. Driscoll |
| CHECKED/REVIEWED | L. Driscoll | DESIGN DETAILED | - |
| DESIGN DETAILED | - | REVISIONS 1 | - |
| REVISIONS 1 | - | REVISIONS 2 | - |
| REVISIONS 2 | - | REVISIONS 3 | - |
| REVISIONS 3 | - | REVISIONS 4 | - |
| REVISIONS 4 | - | FIELD CHANGES | - |
| DATE | 07/21 | SIGNATURE | - |
| DATE | 07/21 | P.E. NUMBER | - |
| DATE | - | DATE | - |
| INTERSTATE 295 NORTHBOUND S. PORTLAND TO PORTLAND CUMBERLAND COUNTY | | PAVEMENT WIDENING DETAILS - ROUTE 703 | |
| SHEET NUMBER | | 18 | |
| | | OF 51 | |

Date: 1/22/2021

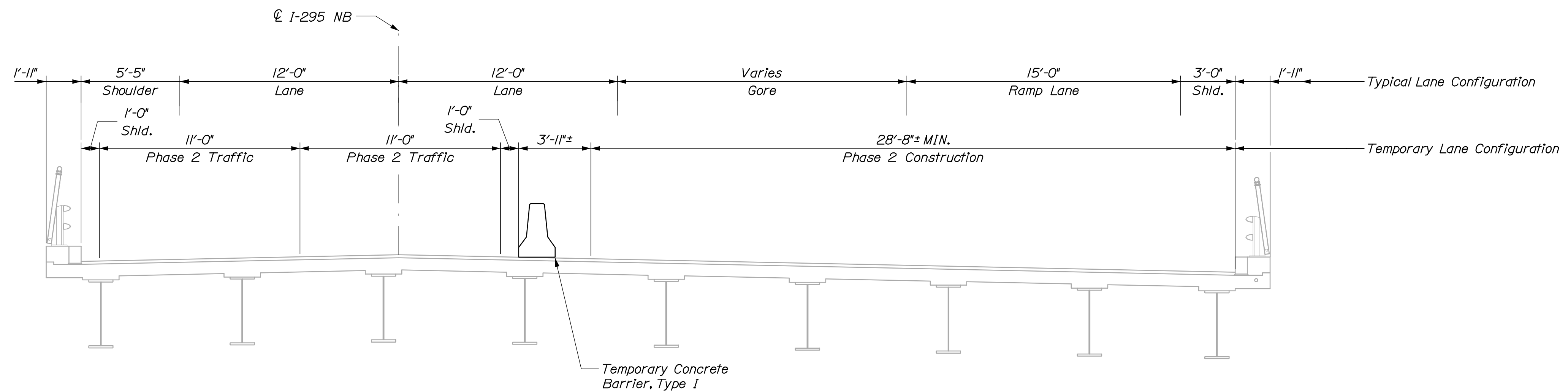
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Division:

Filename: 019_Route 703 Phasing Typ.dgn



PHASE 1 - OPTION 1
 INTERSTATE 295 NORTHBOUND OVER ROUTE 703



PHASE 2 - OPTION 1
 INTERSTATE 295 NORTHBOUND OVER ROUTE 703

- NOTES:**
- Sections are shown looking northbound.
 - Temporary widening of I-295 northbound shoulder in the vicinity of the Route 703 on ramp gore shall occur prior to Phase 1.
 - Drums may be used in place of temporary barrier if the work is completed during nightly closures.

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 2361502
 WIN
 023615.02
 BRIDGE PLANS

| PROJ. MANAGER | BY | DATE |
|------------------|-------------|-------|
| M. Kershner/gen | A. Sweet | 07/21 |
| DESIGN/DETAILED | L. Driscoll | 07/21 |
| CHECKED/REVIEWED | T. Cole | |
| DESIGN/DETAILED | | |
| REVISIONS 1 | | |
| REVISIONS 2 | | |
| REVISIONS 3 | | |
| REVISIONS 4 | | |
| FIELD CHANGES | | |

INTERSTATE 295 NORTHBOUND
 S. PORTLAND TO PORTLAND
 CUMBERLAND COUNTY
 BRIDGE PHASING
 ROUTE 703 - OPTION 1

SHEET NUMBER

19

OF 51

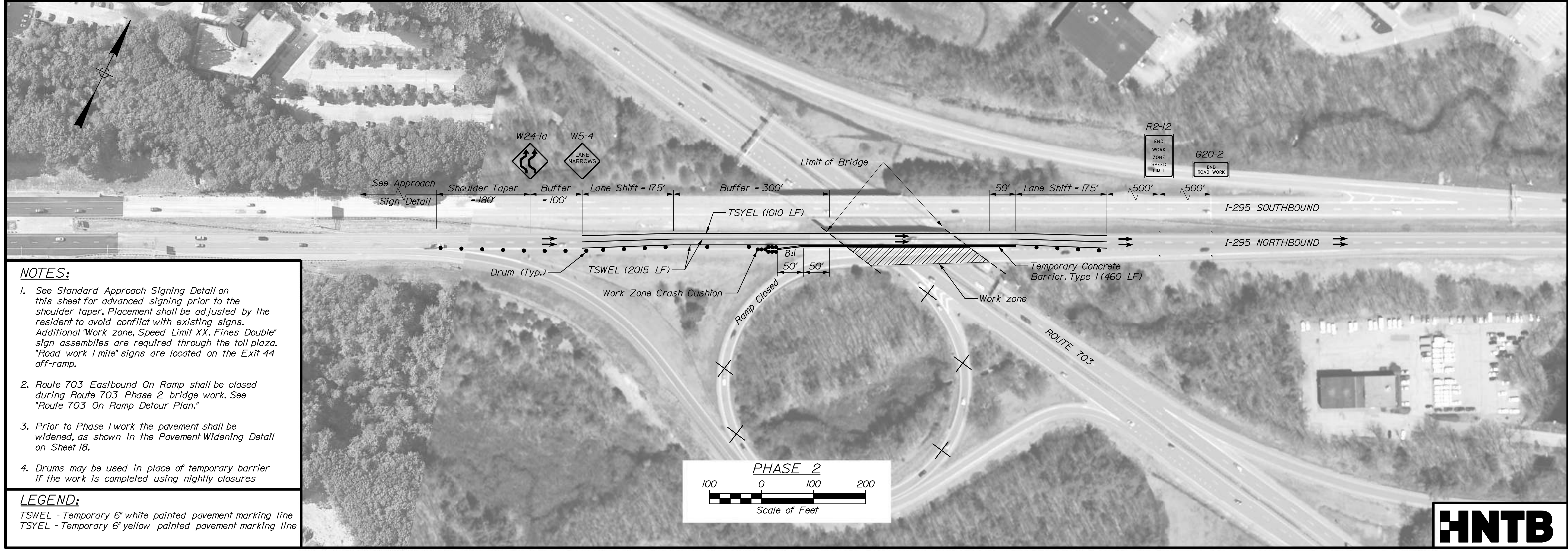
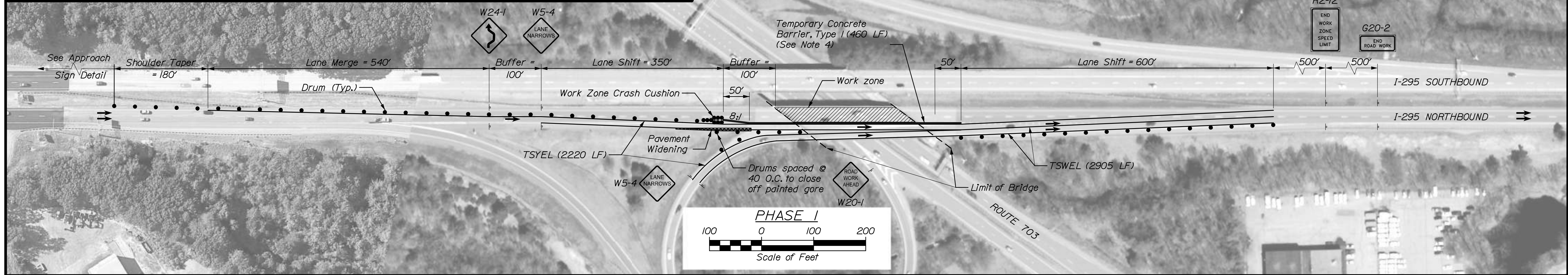
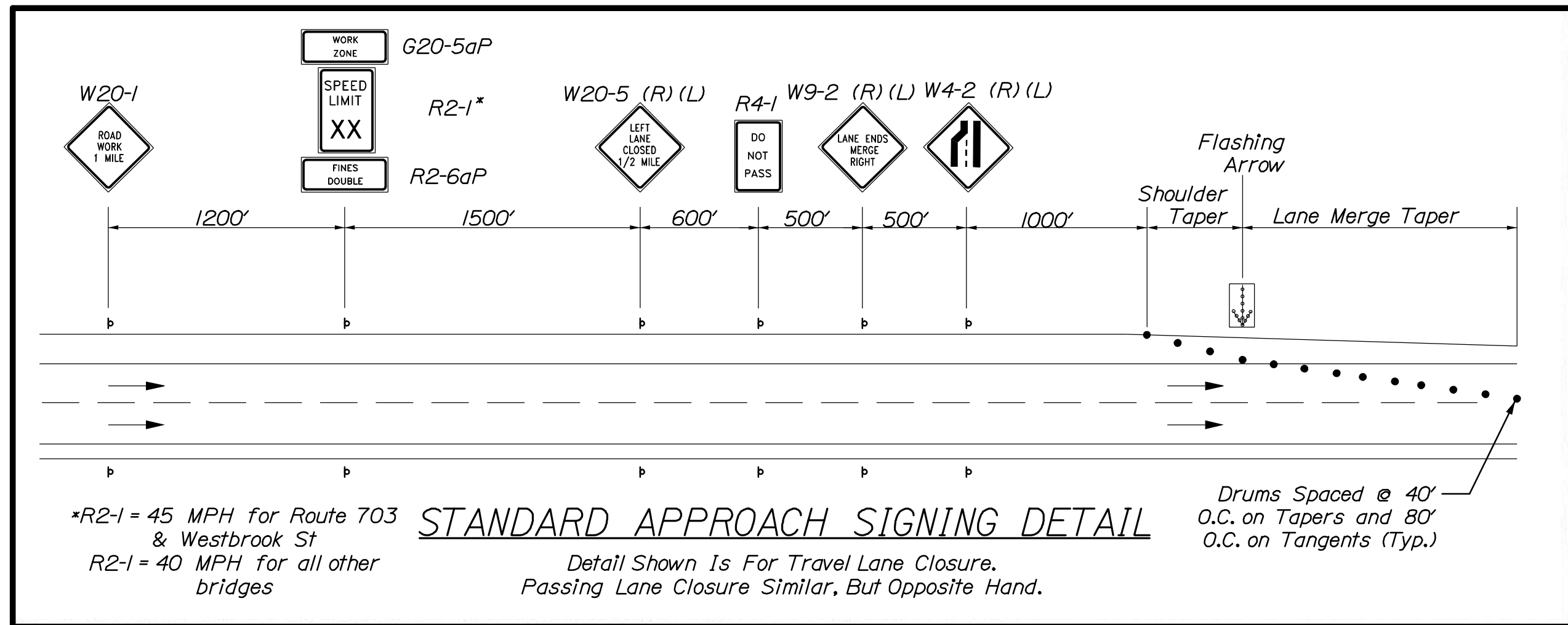


Date: 1/22/2021

Username:

Division:

Filename: 020_Route 703 MOT Detail.dgn



- NOTES:**
1. See Standard Approach Signing Detail on this sheet for advanced signing prior to the shoulder taper. Placement shall be adjusted by the resident to avoid conflict with existing signs. Additional "Work zone, Speed Limit XX, Fines Double" sign assemblies are required through the toll plaza. "Road work 1 mile" signs are located on the Exit 44 off-ramp.
 2. Route 703 Eastbound On Ramp shall be closed during Route 703 Phase 2 bridge work. See "Route 703 On Ramp Detour Plan."
 3. Prior to Phase I work the pavement shall be widened, as shown in the Pavement Widening Detail on Sheet 18.
 4. Drums may be used in place of temporary barrier if the work is completed using nightly closures

LEGEND:

TSWEL - Temporary 6" white painted pavement marking line
TSYEL - Temporary 6" yellow painted pavement marking line

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
2361502
WIN
023615.02
BRIDGE NO. Varies
BRIDGE PLANS

| PROJ. MANAGER | BY | DATE | SIGNATURE | P.E. NUMBER | DATE |
|---------------|------------|-------|-----------|-------------|------|
| M. Kersting | E. Raymond | 07/21 | | | |
| A. Sweet | T. Cole | 07/21 | | | |
| L. Driscoll | | | | | |
| REVISIONS 1 | | | | | |
| REVISIONS 2 | | | | | |
| REVISIONS 3 | | | | | |
| REVISIONS 4 | | | | | |
| FIELD CHANGES | | | | | |

INTERSTATE 295 NORTHBOUND
S. PORTLAND TO PORTLAND
CUMBERLAND COUNTY
TRAFFIC CONTROL PLAN
ROUTE 703 - OPTION 1

SHEET NUMBER
20
OF 51

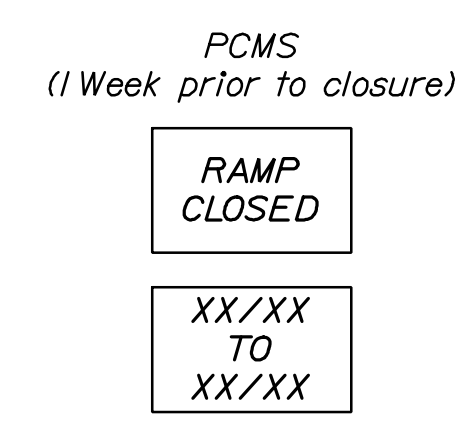
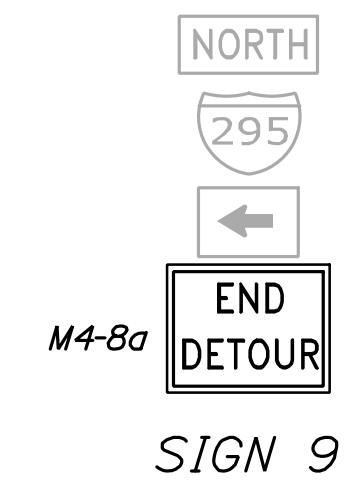
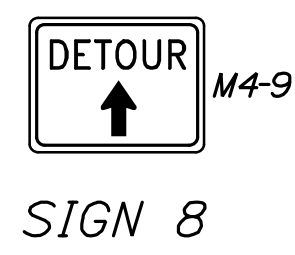
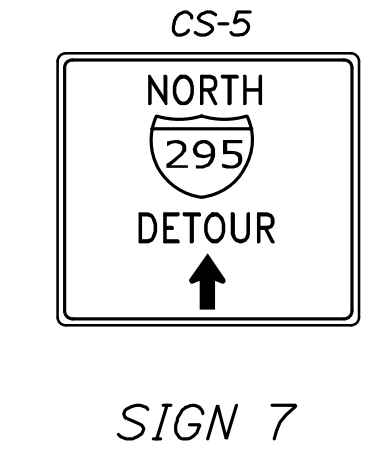
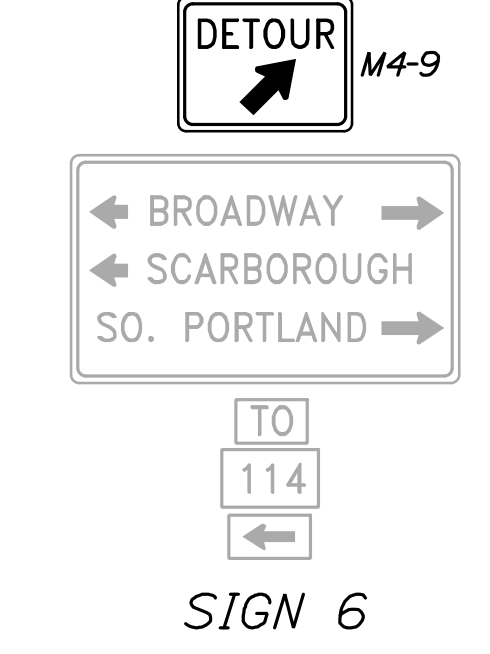
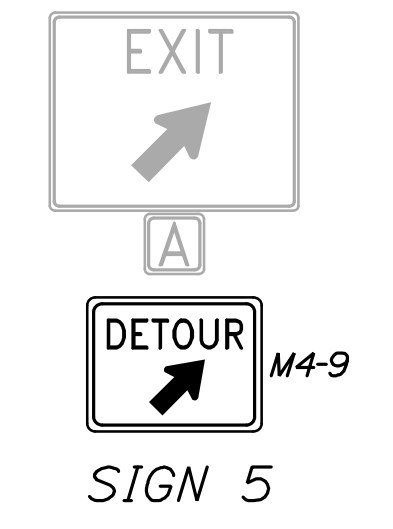
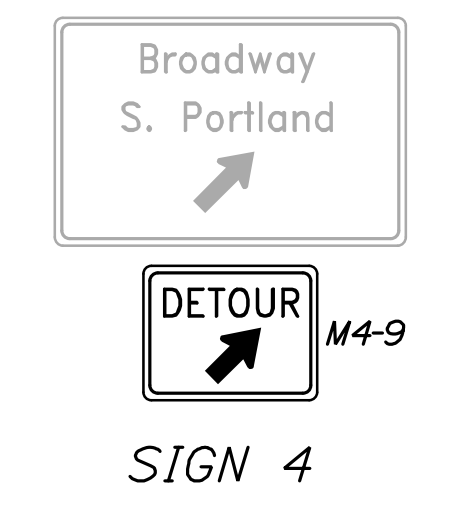
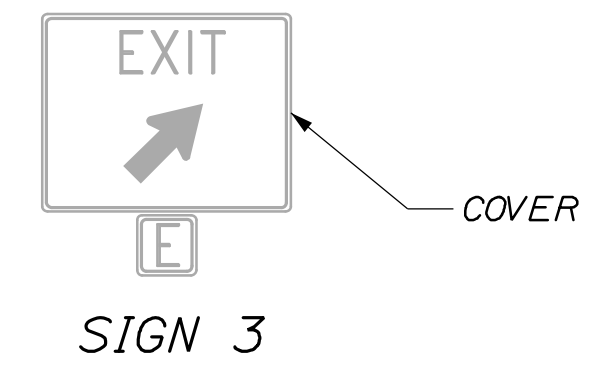
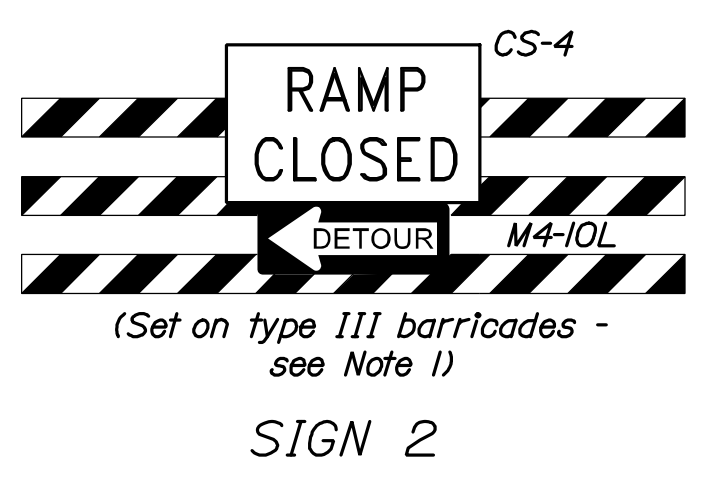
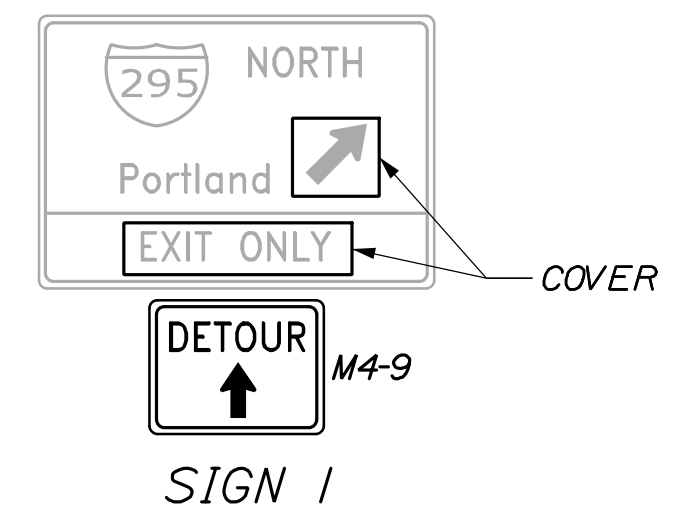
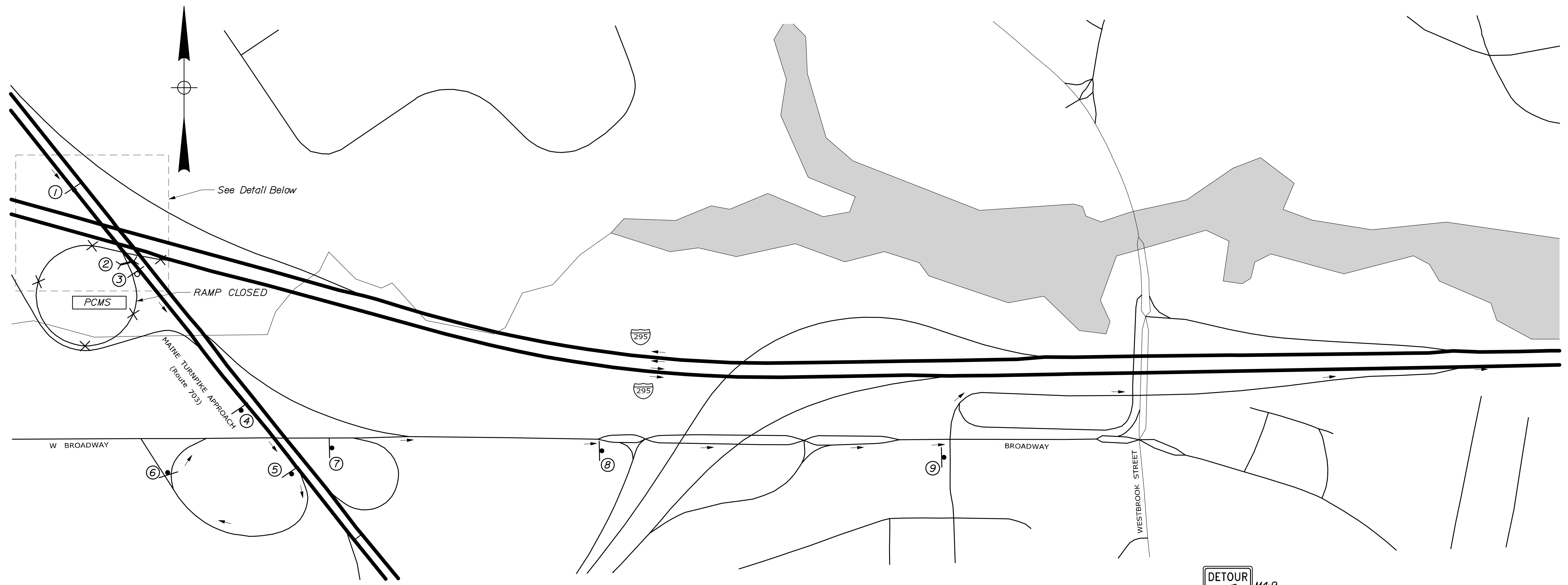
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Date: 1/22/2021

Username:

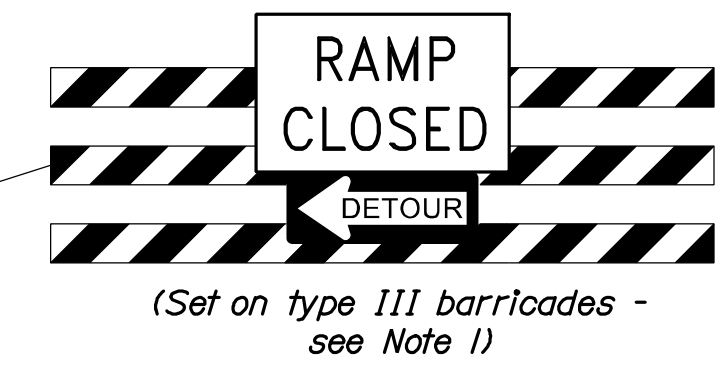
Division:

Filename: 021_Detour_Route703.dgn



Drums spaced at 40' O.C. to close left lane

Drums spaced at 20' O.C. to close painted gore



NOTE:
 1. Type III barricades shall be placed at the entrance of the ramp and shall extend across the entire pavement width and spaced at a maximum of 6'.
 2. This detour to be used during Option 1 Route 703 Phase 2 bridge work only..

NOT TO SCALE

DETAIL

HNTB

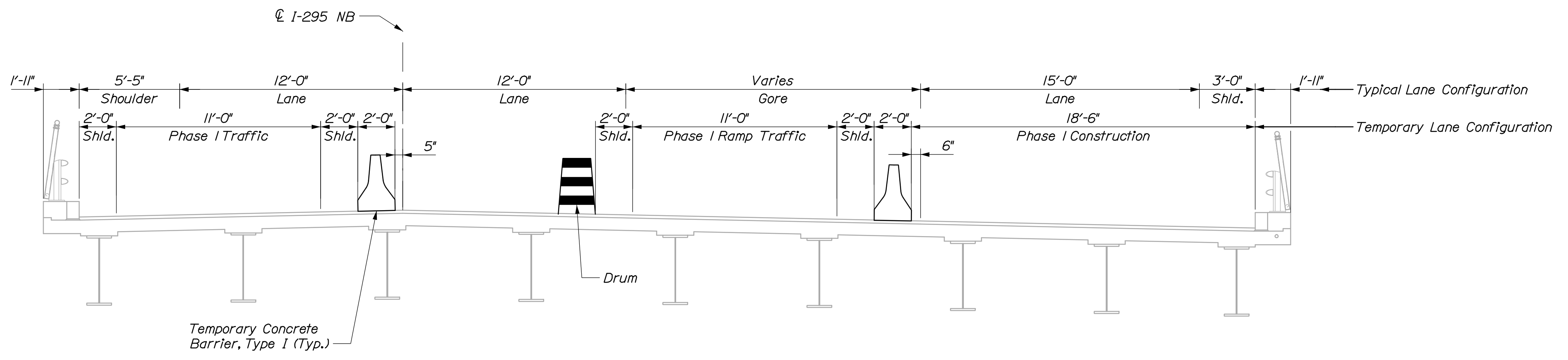
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| STATE OF MAINE DEPARTMENT OF TRANSPORTATION | | 2361502 | | BRIDGE NO. VARIES | | WIN | | 023615.02 | | BRIDGE PLANS | |
| INTERSTATE 295 NORTHBOUND S. PORTLAND TO PORTLAND CUMBERLAND COUNTY | | ROUTE 703 ON RAMP DETOUR PLAN | | SHEET NUMBER | | 21 | | OF 51 | | | |
| PROJ. MANAGER | M. Kersting | BY | K. Brown | DATE | 01/21 | SIGNATURE | | P.E. NUMBER | | DATE | |
| DESIGN/DETAILED | A. Sweet | CHECKED/REVIEWED | L. Driscoll | DESIGN/DETAILED | | REVISIONS 1 | | REVISIONS 2 | | REVISIONS 3 | |
| DESIGN/DETAILED | | DESIGN/DETAILED | | REVISIONS 4 | | FIELD CHANGES | | | | | |

Date: 1/22/2021

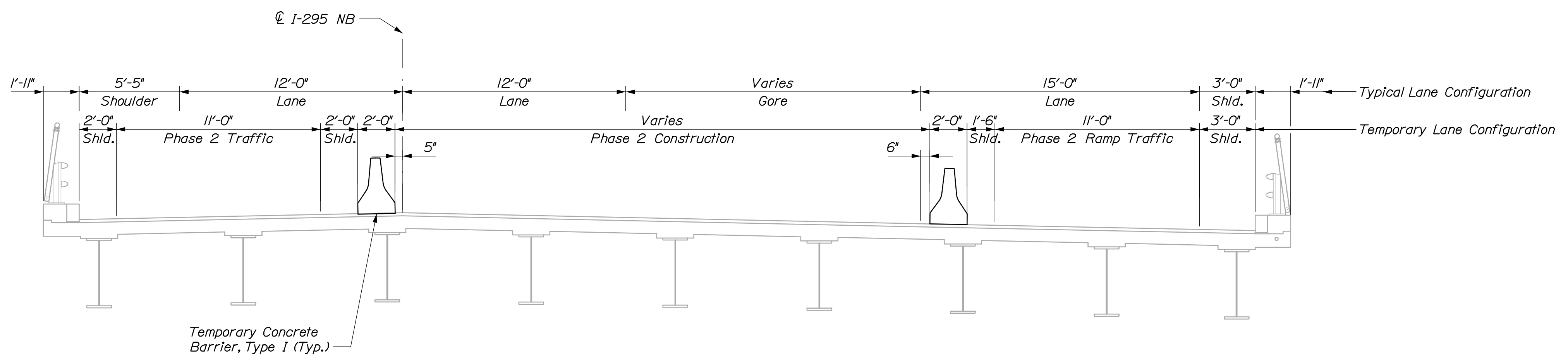
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Division:

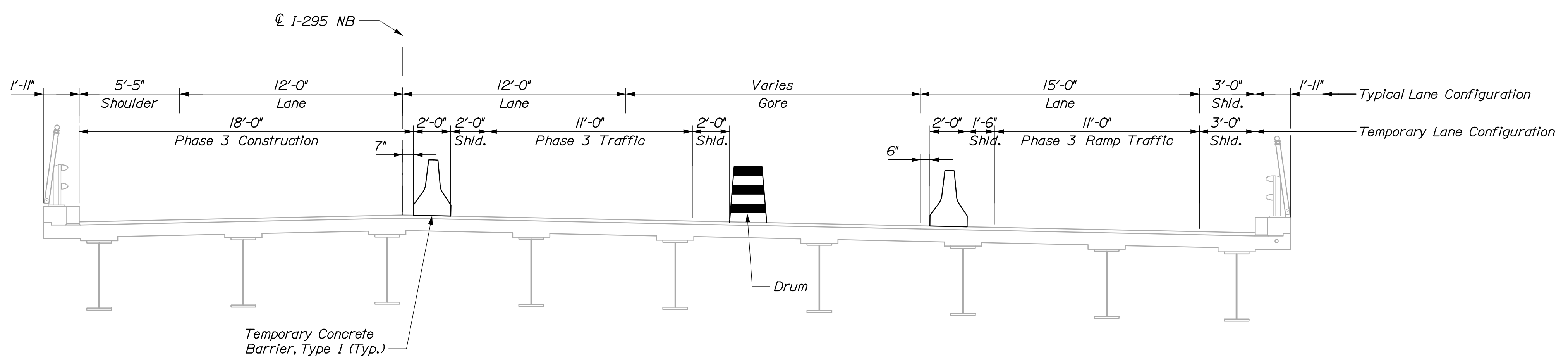
Filename: 022_Route 703 Phasing Typ Opt 2.dgn



PHASE 1 - OPTION 2
INTERSTATE 295 NORTHBOUND OVER ROUTE 703



PHASE 2 - OPTION 2
INTERSTATE 295 NORTHBOUND OVER ROUTE 703



PHASE 3 - OPTION 2
INTERSTATE 295 NORTHBOUND OVER ROUTE 703

NOTES:
1. Sections are shown looking northbound.
2. Alternative phasing for Contractor option to maintain Route 703 ramp traffic and one lane of traffic on I-295 Northbound.

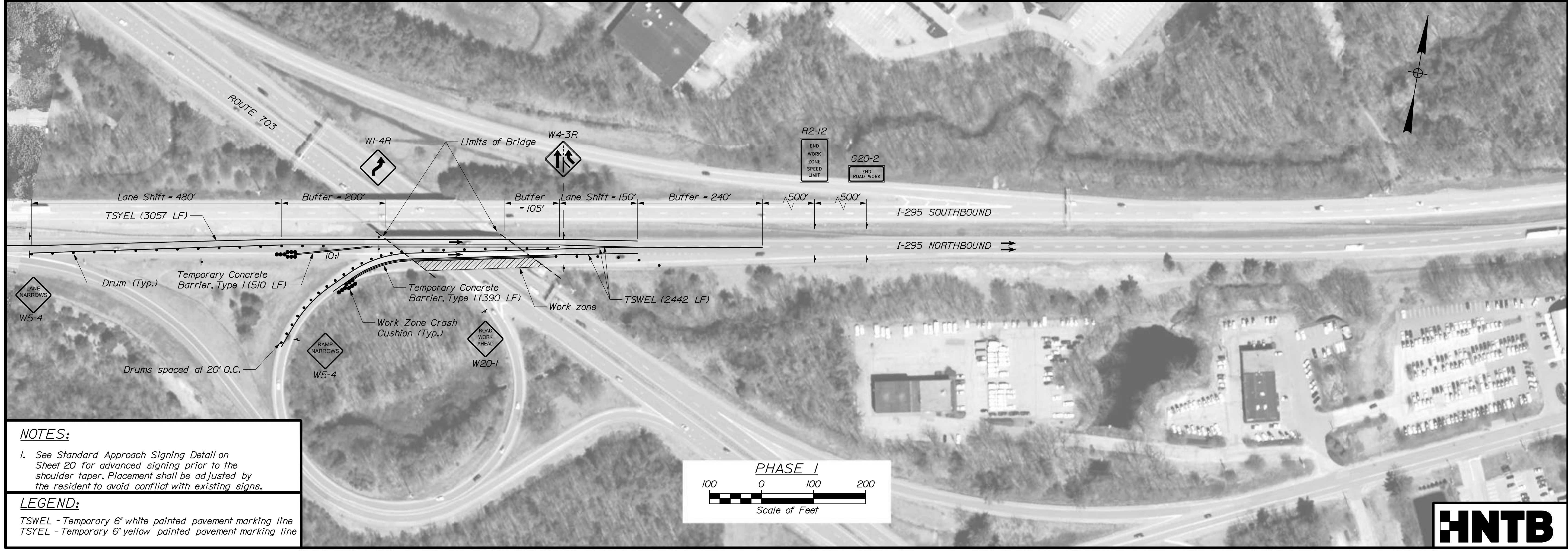
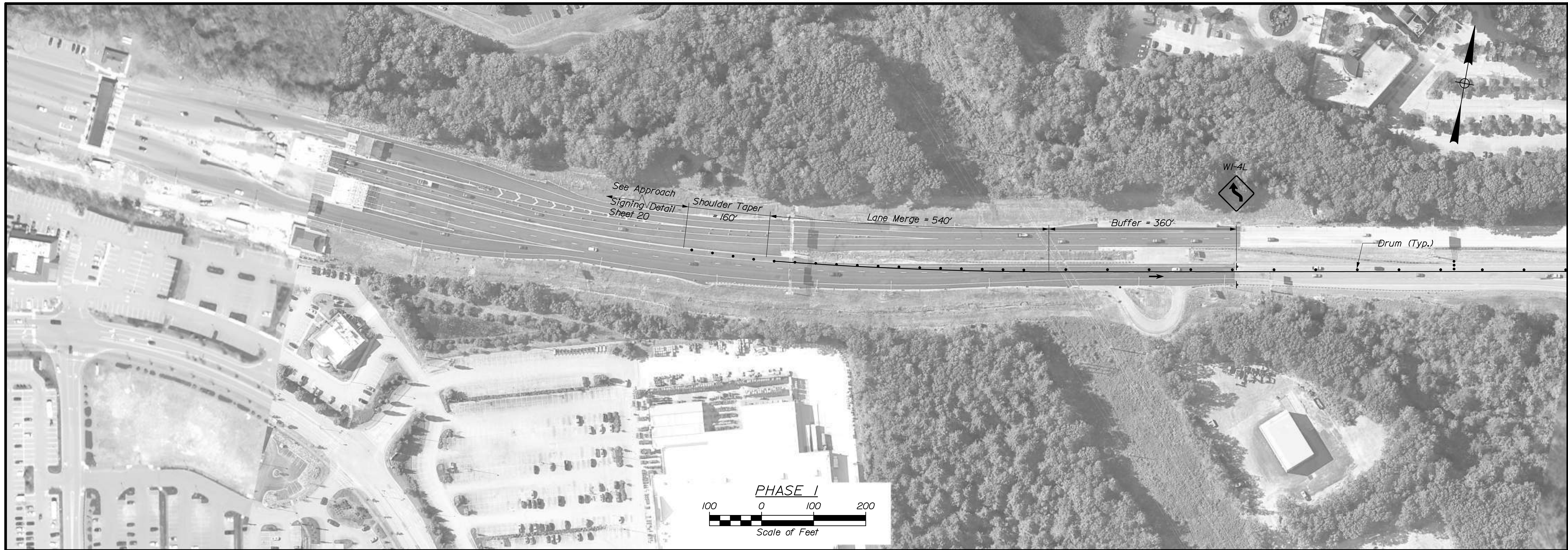
| | | | | | | | |
|---|---------------|--|---------------------|------------------|----------------|--------------|--|
| STATE OF MAINE DEPARTMENT OF TRANSPORTATION | | 2361502 | | WIN 023615.02 | | BRIDGE PLANS | |
| INTERSTATE 295 NORTHBOUND S. PORTLAND TO PORTLAND CUMBERLAND COUNTY | | BRIDGE PHASING ROUTE 703 - OPTION 2 | | SHEET NUMBER | | 22 OF 51 | |
| PROJ. MANAGER | M. Kershaugen | BY | A. Sweet T. Cote | DATE | 07/21 07/21 | SIGNATURE | |
| DESIGN DETAILED | A. Sweet | CHECKED/REVIEWED | L. Driscoll | DESIGN DETAILED | | P.E. NUMBER | |
| DESIGN DETAILED | | DESIGN DETAILED | | DESIGN DETAILED | | DATE | |
| REVISIONS 1 | | REVISIONS 2 | | REVISIONS 3 | | | |
| REVISIONS 4 | | REVISIONS 5 | | REVISIONS 6 | | | |
| FIELD CHANGES | | | | | | | |



Date: 1/22/2021

Username:

Filename: 023_Route 703 MOT Detail - 2011 Phase



NOTES:

1. See Standard Approach Signing Detail on Sheet 20 for advanced signing prior to the shoulder taper. Placement shall be adjusted by the resident to avoid conflict with existing signs.

LEGEND:

TSWEL - Temporary 6" white painted pavement marking line
 TSYEL - Temporary 6" yellow painted pavement marking line

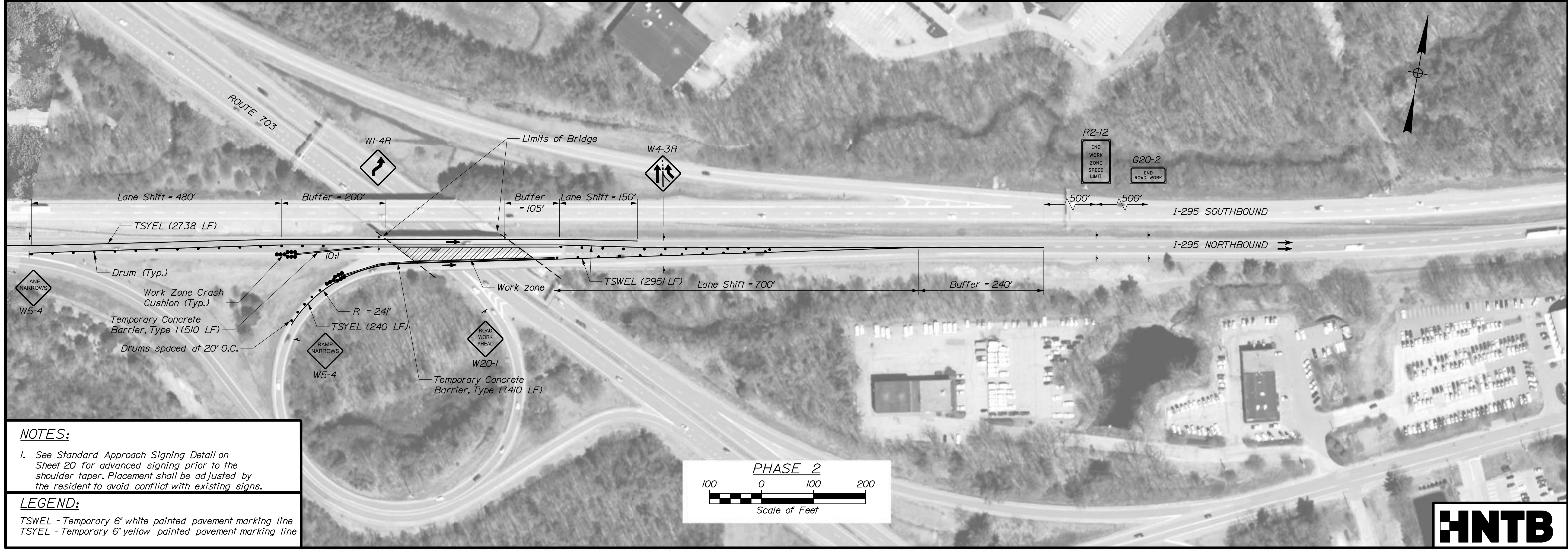
| | | | | | |
|---------------------------|-------------|------------------------------|------------|-------------------|--|
| STATE OF MAINE | | DEPARTMENT OF TRANSPORTATION | | 2361502 | |
| INTERSTATE 295 NORTHBOUND | | S. PORTLAND TO PORTLAND | | CUMBERLAND COUNTY | |
| TRAFFIC CONTROL PLAN | | ROUTE 703 - OPTION 2 | | SHEET NUMBER | |
| 23 | | OF 51 | | BRIDGE NO. Varies | |
| WIN | | 023615.02 | | BRIDGE PLANS | |
| PROJ. MANAGER | M. Kersting | DATE | 01/21 | SIGNATURE | |
| DESIGN DETAILED | A. Sweet | BY | E. Raymond | P.E. NUMBER | |
| CHECKED/REVIEWED | L. Driscoll | DATE | 01/21 | DATE | |
| DESIGN DETAILED | | | | | |
| REVISIONS | 1 | | | | |
| REVISIONS | 2 | | | | |
| REVISIONS | 3 | | | | |
| REVISIONS | 4 | | | | |
| FIELD CHANGES | | | | | |



Date: 1/22/2021

Username:

Filename: 024_Route 703 MOT Detail - 2011 Phase 2.dwg



NOTES:

1. See Standard Approach Signing Detail on Sheet 20 for advanced signing prior to the shoulder taper. Placement shall be adjusted by the resident to avoid conflict with existing signs.

LEGEND:

TSWEL - Temporary 6" white painted pavement marking line
 TSYEL - Temporary 6" yellow painted pavement marking line

| | | | | | |
|---------------------------|--|------------------------------|--|-------------------|--|
| STATE OF MAINE | | DEPARTMENT OF TRANSPORTATION | | 2361502 | |
| INTERSTATE 295 NORTHBOUND | | S. PORTLAND TO PORTLAND | | CUMBERLAND COUNTY | |
| TRAFFIC CONTROL PLAN | | ROUTE 703 - OPTION 2 | | BRIDGE NO. Varies | |
| SHEET NUMBER | | 24 | | WIN 023615.02 | |
| OF 51 | | HNTB | | BRIDGE PLANS | |

| PROJ. MANAGER | BY | DATE |
|---------------|------------|-------|
| M. Kersting | E. Raymond | 01/21 |
| A. Sweet | T. Cole | 01/21 |
| L. Driscoll | | |

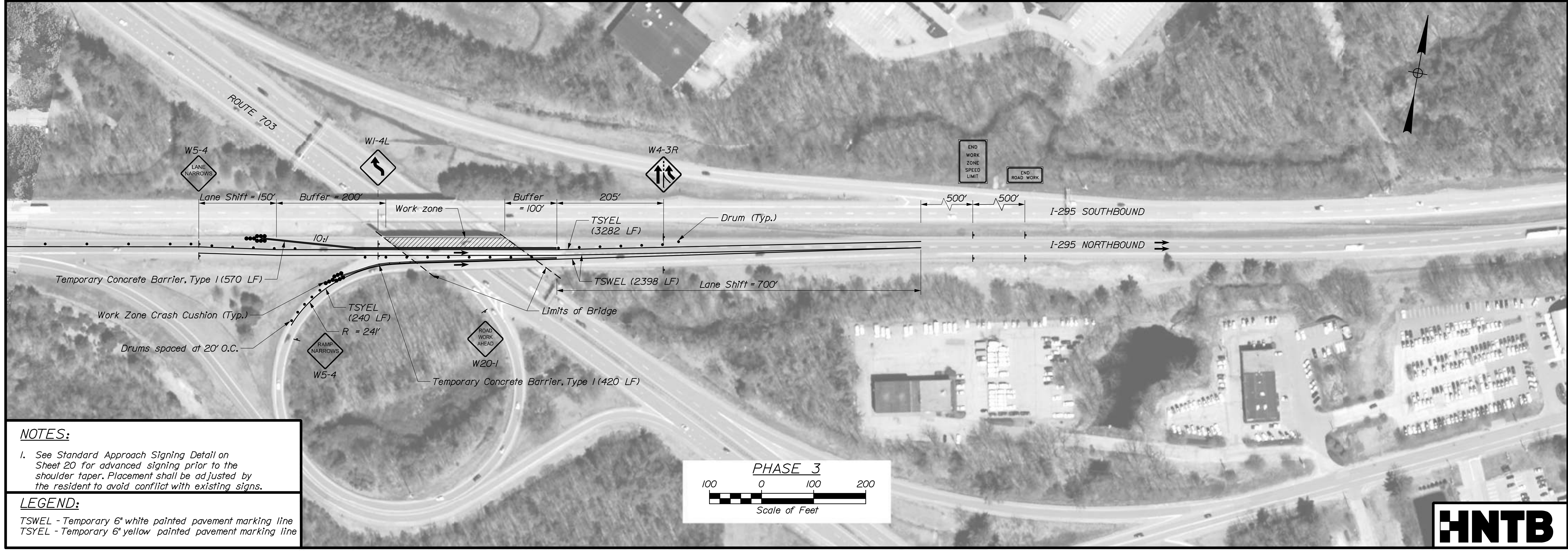
| DESIGN DETAILED | CHECKED/REVIEWED | DESIGN DETAILED | REVISIONS | FIELD CHANGES |
|-----------------|------------------|-----------------|-----------|---------------|
| | | | 1 | |
| | | | 2 | |
| | | | 3 | |
| | | | 4 | |

| SIGNATURE | P.E. NUMBER | DATE |
|-----------|-------------|------|
| | | |
| | | |

Date: 1/22/2021

Username:

Filename: 025_Route 703 MOT Detail - 2011 Phase Division:



NOTES:

1. See Standard Approach Signing Detail on Sheet 20 for advanced signing prior to the shoulder taper. Placement shall be adjusted by the resident to avoid conflict with existing signs.

LEGEND:

TSWEL - Temporary 6" white painted pavement marking line
 TSYEL - Temporary 6" yellow painted pavement marking line

| | | | | | |
|---|---------------------------------|---------------------------------------|-----------|--------------|------|
| STATE OF MAINE DEPARTMENT OF TRANSPORTATION 2361502 | | BRIDGE NO. Varies WIN 023615.02 | | BRIDGE PLANS | |
| PROJ. MANAGER M. Kersting | BY E. Raymond T. Cole | DATE 07/21 07/21 | SIGNATURE | P.E. NUMBER | DATE |
| DESIGN DETAILED A. Sweet | CHECKED/REVIEWED L. Driscoll | DESIGN DETAILED | | | |
| DESIGN DETAILED | | | | | |
| REVISIONS 1 | | | | | |
| REVISIONS 2 | | | | | |
| REVISIONS 3 | | | | | |
| REVISIONS 4 | | | | | |
| FIELD CHANGES | | | | | |

INTERSTATE 295 NORTHBOUND
 S. PORTLAND TO PORTLAND
 CUMBERLAND COUNTY
**TRAFFIC CONTROL PLAN
 ROUTE 703 - OPTION 2**

SHEET NUMBER
25
 OF 51

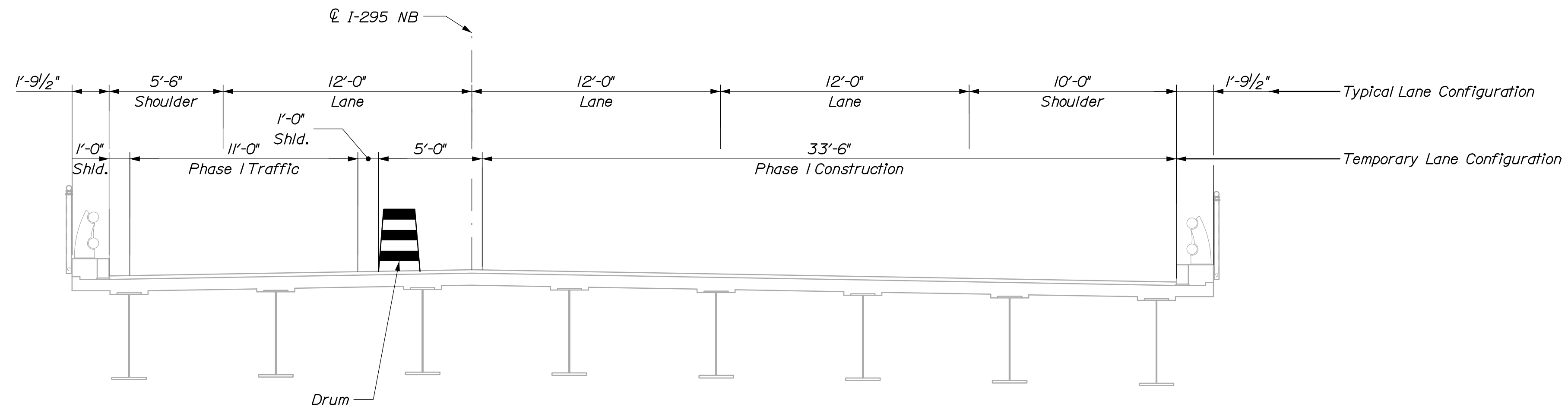
HNTB

Date: 1/22/2021

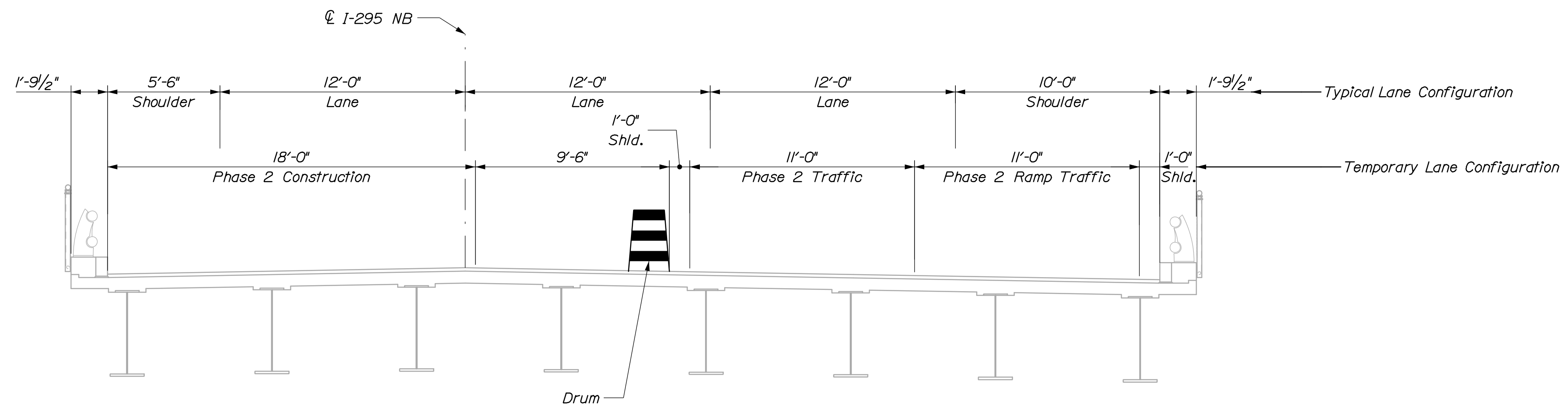
Username:

Division:

Filename: 026_Westbrook St Phasing Typ.dgn



PHASE 1 - OPTION 1
 INTERSTATE 295 NORTHBOUND OVER WESTBROOK STREET



PHASE 2 - OPTION 1
 INTERSTATE 295 NORTHBOUND OVER WESTBROOK STREET

NOTES:
 1. Sections are shown looking northbound.

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION

2361502

WIN
 023615.02

BRIDGE PLANS

SIGNATURE

DATE

BY

PROJ. MANAGER

CHECKED-REVIEWED

DESIGN DETAILED

REVISIONS 1

REVISIONS 2

REVISIONS 3

REVISIONS 4

FIELD CHANGES

P.E. NUMBER

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

INTERSTATE 295 NORTHBOUND
 S. PORTLAND TO PORTLAND
 CUMBERLAND COUNTY

**BRIDGE PHASING
 WESTBROOK ST - OPTION 1**

SHEET NUMBER

26

OF 51

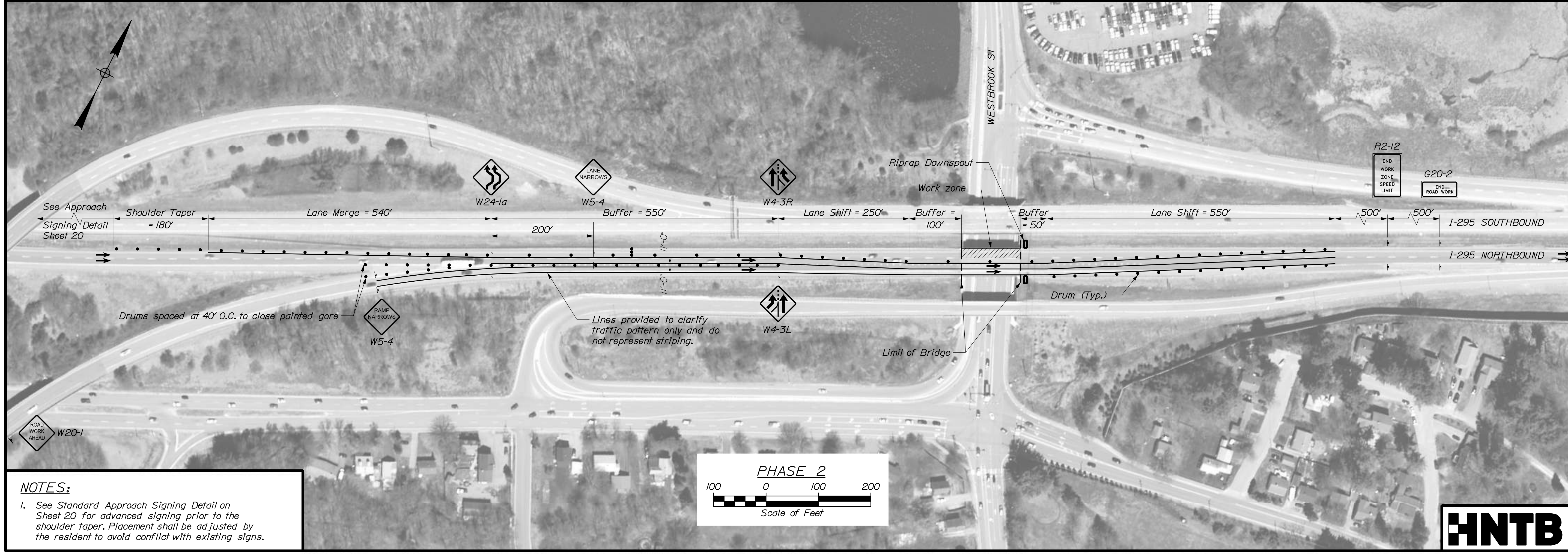
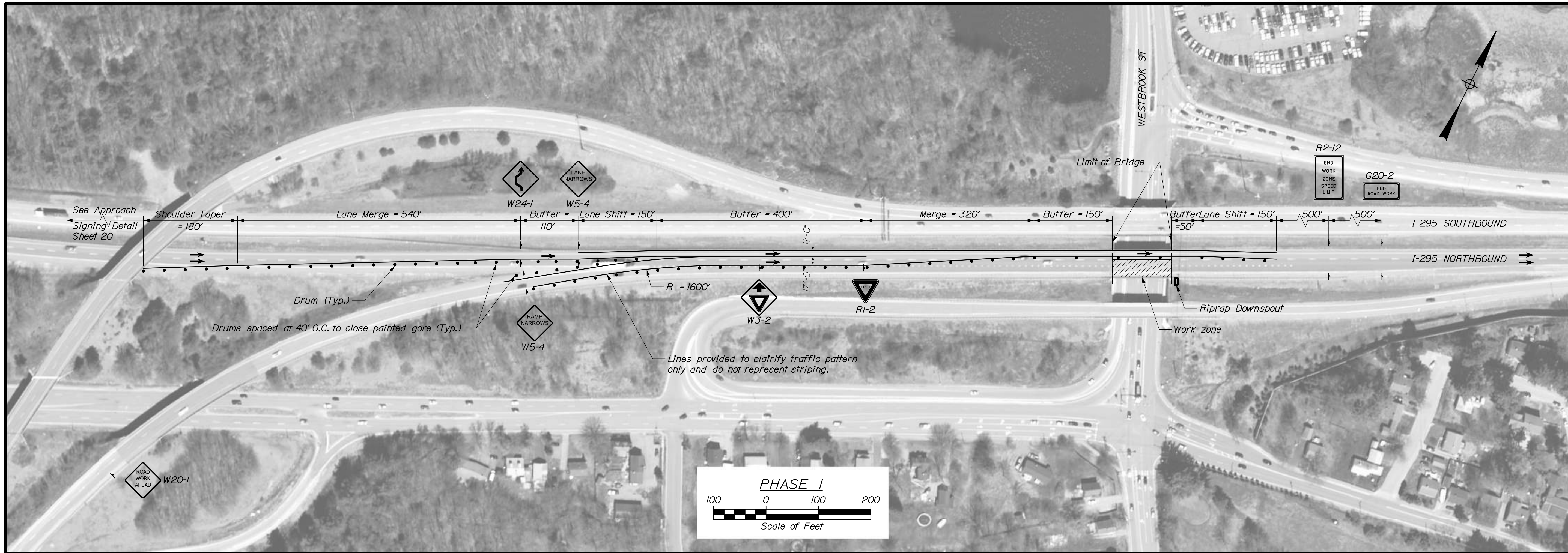


Date: 1/22/2021

Username:

Division:

Filename: 027_Westbrook St MOT Detail.dgn



NOTES:

1. See Standard Approach Signing Detail on Sheet 20 for advanced signing prior to the shoulder taper. Placement shall be adjusted by the resident to avoid conflict with existing signs.

| | | | | | |
|---------------------------|-------------|------------------------------|-------------|-------------------|-------|
| STATE OF MAINE | | DEPARTMENT OF TRANSPORTATION | | 2361502 | |
| INTERSTATE 295 NORTHBOUND | | S. PORTLAND TO PORTLAND | | CUMBERLAND COUNTY | |
| TRAFFIC CONTROL PLAN | | WESTBROOK ST - OPTION 1 | | SHEET NUMBER | |
| 27 | | OF 51 | | BRIDGE NO. Varies | |
| WIN | | 023615.02 | | BRIDGE PLANS | |
| PROJ. MANAGER | M. Kersting | BY | E. Raymond | DATE | 01/21 |
| DESIGN DETAILED | A. Sweet | CHECKED/REVIEWED | L. Driscoll | SIGNATURE | 01/21 |
| DESIGNS DETAILED | - | DESIGNS DETAILED | - | P.E. NUMBER | - |
| REVISIONS 1 | - | REVISIONS 1 | - | DATE | - |
| REVISIONS 2 | - | REVISIONS 2 | - | - | - |
| REVISIONS 3 | - | REVISIONS 3 | - | - | - |
| REVISIONS 4 | - | REVISIONS 4 | - | - | - |
| FIELD CHANGES | - | FIELD CHANGES | - | - | - |

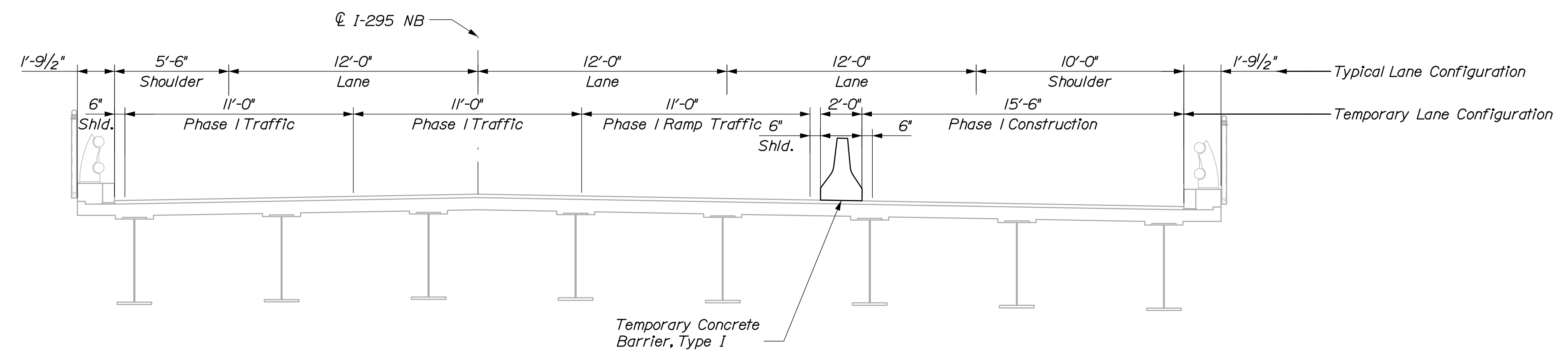


Date: 1/22/2021

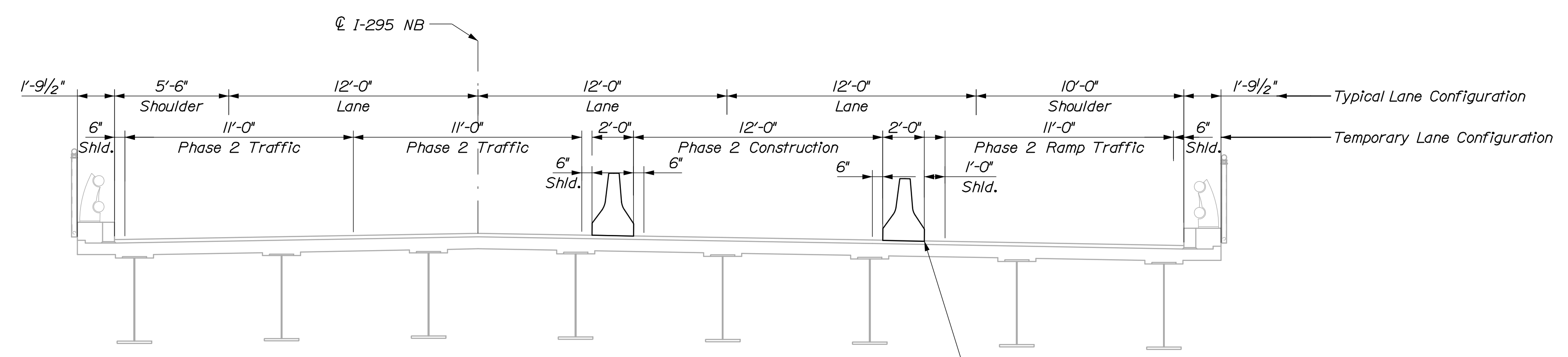
Username:

Division:

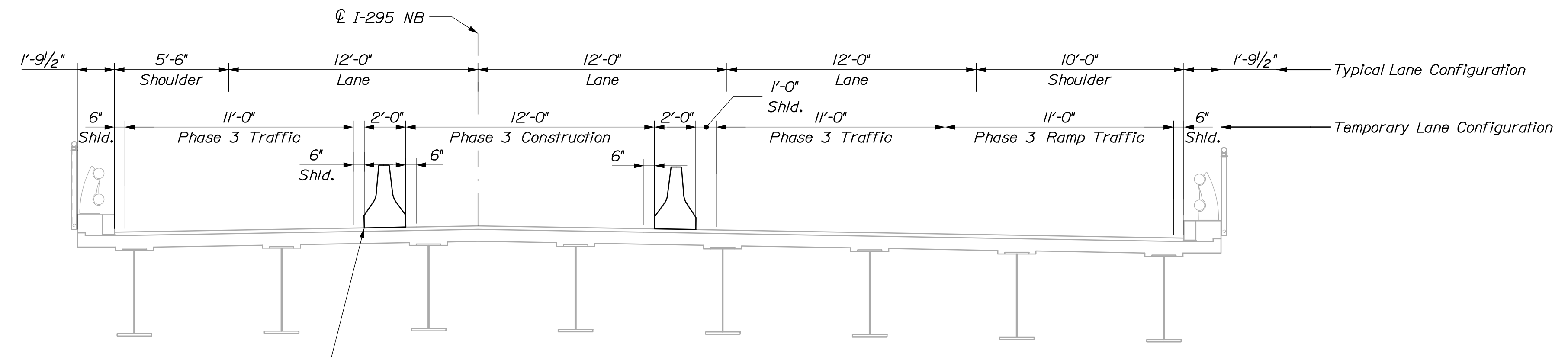
Filename: 028_Westbrook St Phasing Typ Opt 2.dgn



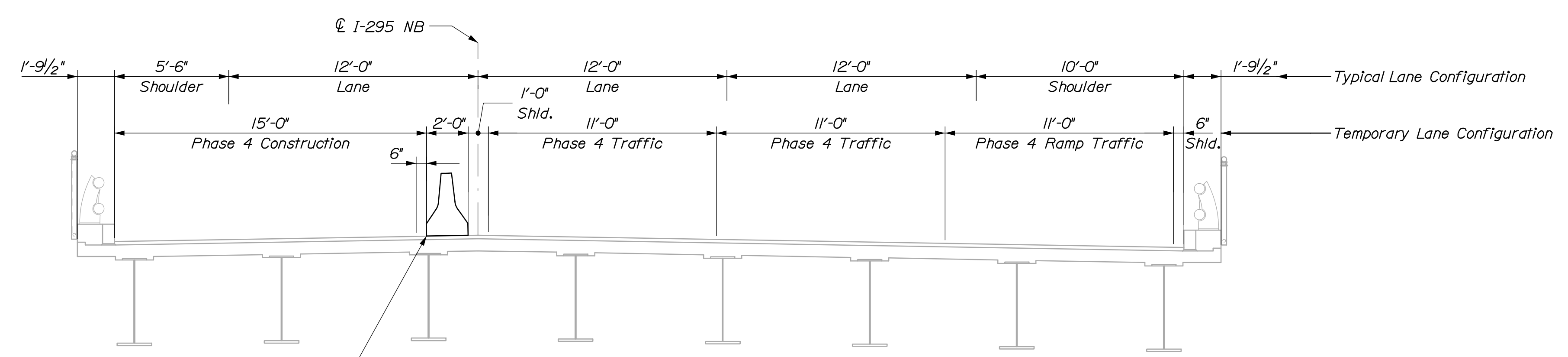
PHASE 1 - OPTION 2
INTERSTATE 295 NORTHBOUND OVER WESTBROOK STREET



PHASE 2 - OPTION 2
INTERSTATE 295 NORTHBOUND OVER WESTBROOK STREET



PHASE 3 - OPTION 2
INTERSTATE 295 NORTHBOUND OVER WESTBROOK STREET



PHASE 4 - OPTION 2
INTERSTATE 295 NORTHBOUND OVER WESTBROOK STREET

NOTES:
1. Sections are shown looking northbound.
2. Alternative phasing for Contractor option to maintain Route 701 ramp traffic and two lanes of traffic on I-295 Northbound.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
2361502
WIN
023615.02
BRIDGE PLANS

SIGNATURE
P.E. NUMBER
DATE

| PROJ. MANAGER | BY | DATE |
|------------------|-------------|-------|
| M. Kersting | A. Sweet | 07/21 |
| DESIGN DETAILED | L. Driscoll | 07/21 |
| CHECKED/REVIEWED | | |
| DESIGN DETAILED | | |
| REVISIONS 1 | | |
| REVISIONS 2 | | |
| REVISIONS 3 | | |
| REVISIONS 4 | | |
| FIELD CHANGES | | |

INTERSTATE 295 NORTHBOUND
S. PORTLAND TO PORTLAND
CUMBERLAND COUNTY
BRIDGE PHASING
WESTBROOK ST - OPTION 2

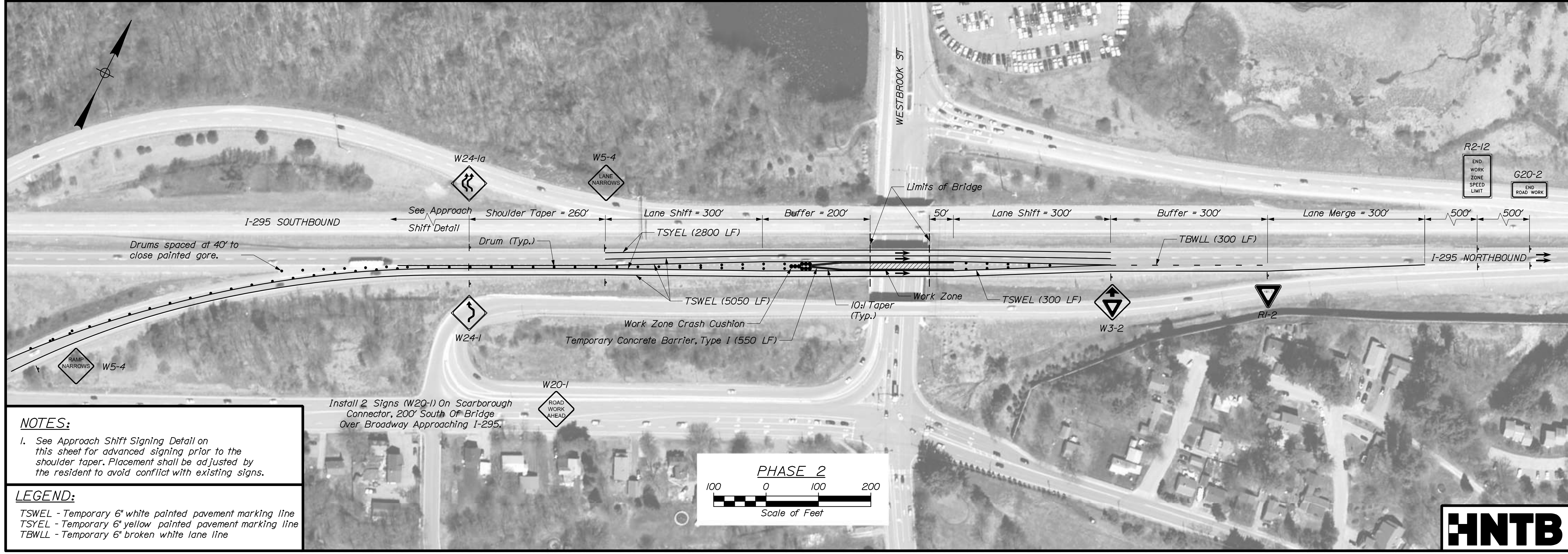
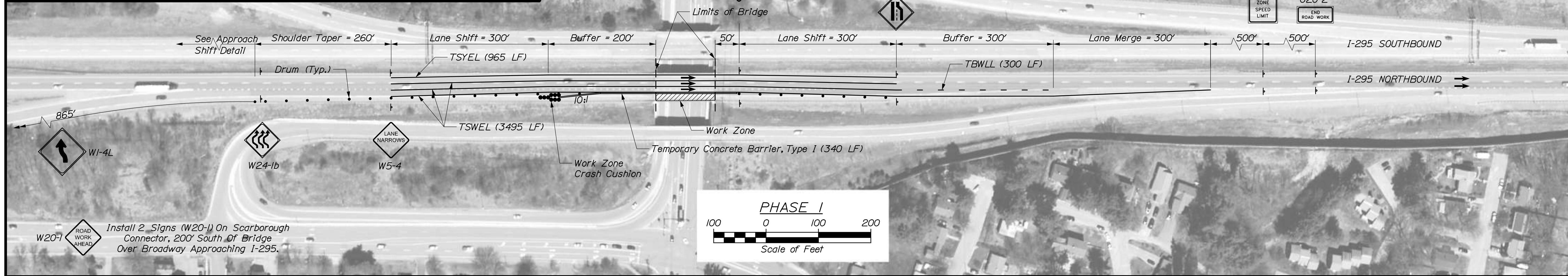
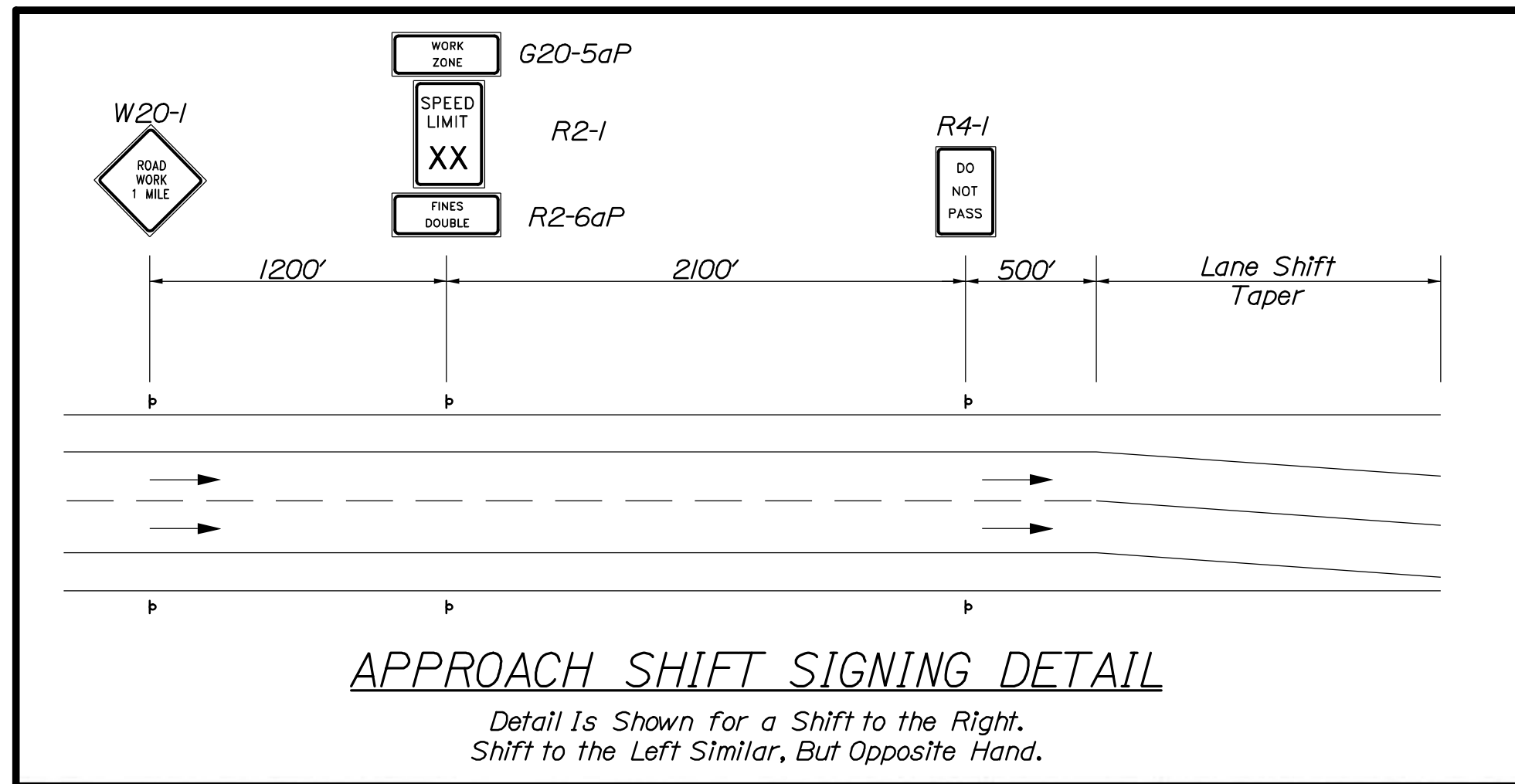
SHEET NUMBER
28
OF 51



Date: 1/22/2021

Username:

Filename: 029_Westbrook St MOT Detail - 2011 Procs\vis\for\g.dgn



NOTES:
1. See Approach Shift Signing Detail on this sheet for advanced signing prior to the shoulder taper. Placement shall be adjusted by the resident to avoid conflict with existing signs.

LEGEND:
TSWEL - Temporary 6" white painted pavement marking line
TSYEL - Temporary 6" yellow painted pavement marking line
TBWLL - Temporary 6" broken white lane line

| | | | |
|---|--|--|--|
| STATE OF MAINE DEPARTMENT OF TRANSPORTATION | | 2361502 | |
| INTERSTATE 295 NORTHBOUND S. PORTLAND TO PORTLAND CUMBERLAND COUNTY | | BRIDGE NO. Varies WIN 023615.02 BRIDGE PLANS | |
| TRAFFIC CONTROL PLAN WESTBROOK ST - OPTION 2 | | SHEET NUMBER | |
| DATE: 07/21 | | SIGNATURE | |
| BY: E. Raymond | | P.E. NUMBER | |
| CHECKED/REVIEWED: L. Driscoll | | DATE | |
| DESIGN DETAIL: - | | REVISIONS: 1 | |
| DESIGN DETAIL: - | | REVISIONS: 2 | |
| DESIGN DETAIL: - | | REVISIONS: 3 | |
| DESIGN DETAIL: - | | REVISIONS: 4 | |
| DESIGN DETAIL: - | | FIELD CHANGES | |

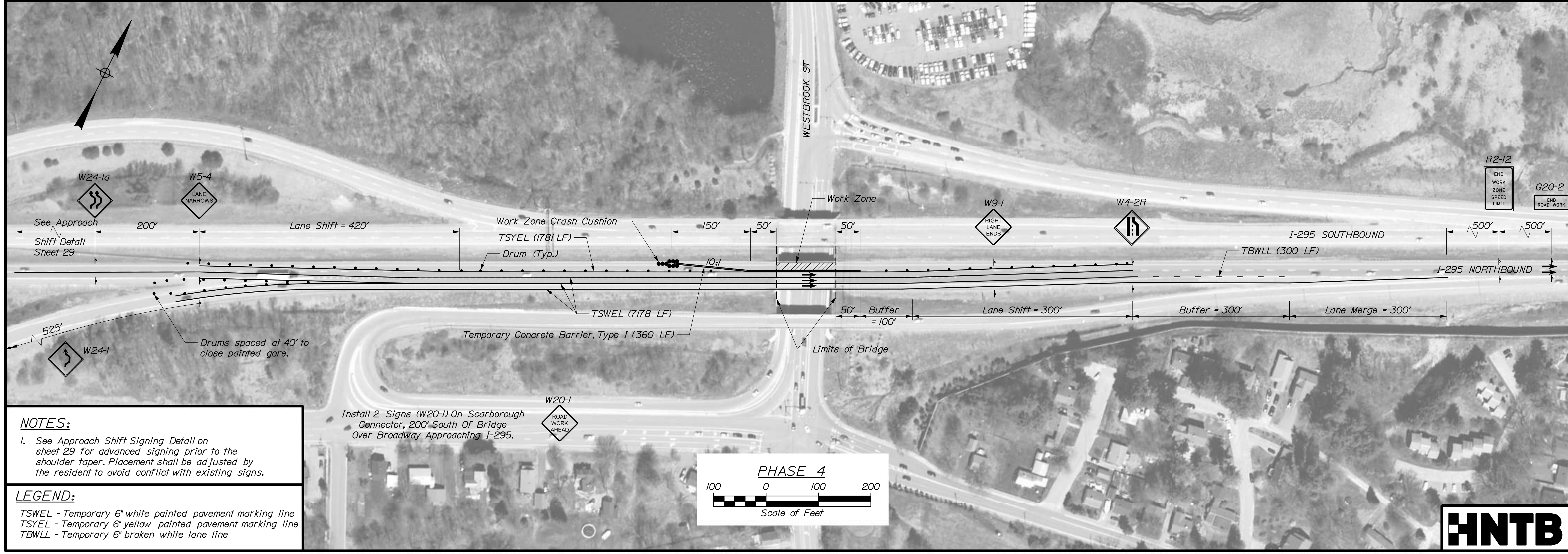
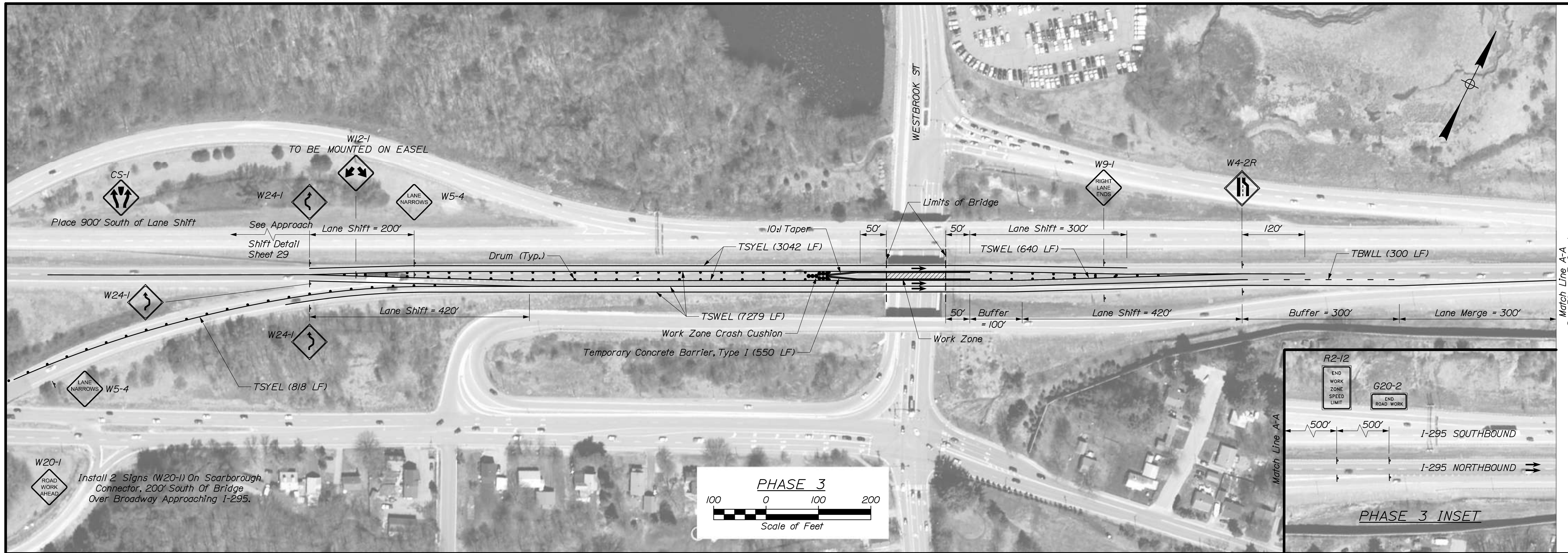


29
OF 51

Date: 1/22/2021

Username:

Filename: 030_Westbrook St MOT Detail - 2011 Phos&vis&in+4.dgn



NOTES:
 1. See Approach Shift Signing Detail on sheet 29 for advanced signing prior to the shoulder taper. Placement shall be adjusted by the resident to avoid conflict with existing signs.

LEGEND:
 TSWEL - Temporary 6" white painted pavement marking line
 TSYEL - Temporary 6" yellow painted pavement marking line
 TBWLL - Temporary 6" broken white lane line

Install 2 Signs (W20-1) On Scarborough Connector, 200' South Of Bridge Over Broadway Approaching I-295.

| | | | |
|---|---------------------------------|---|---------------|
| STATE OF MAINE DEPARTMENT OF TRANSPORTATION 2361502 | | BRIDGE NO. Varies WIN 023615.02 BRIDGE PLANS | |
| PROJ. MANAGER M. Kerabirger | BY E. Raymond T. Cole | DATE 01/21 01/21 | SIGNATURE |
| DESIGN DETAILER A. Sweet | CHECKED/REVIEWED L. Driscoll | DESIGN DETAILER | P.E. NUMBER |
| DESIGN DETAILER | DESIGN DETAILER | DESIGN DETAILER | DATE |
| REVISIONS 1 | REVISIONS 2 | REVISIONS 3 | REVISIONS 4 |
| FIELD CHANGES | FIELD CHANGES | FIELD CHANGES | FIELD CHANGES |
| INTERSTATE 295 NORTHBOUND S. PORTLAND TO PORTLAND CUMBERLAND COUNTY | | TRAFFIC CONTROL PLAN WESTBROOK ST - OPTION 2 | |
| SHEET NUMBER | | 30 | |
| | | OF 51 | |

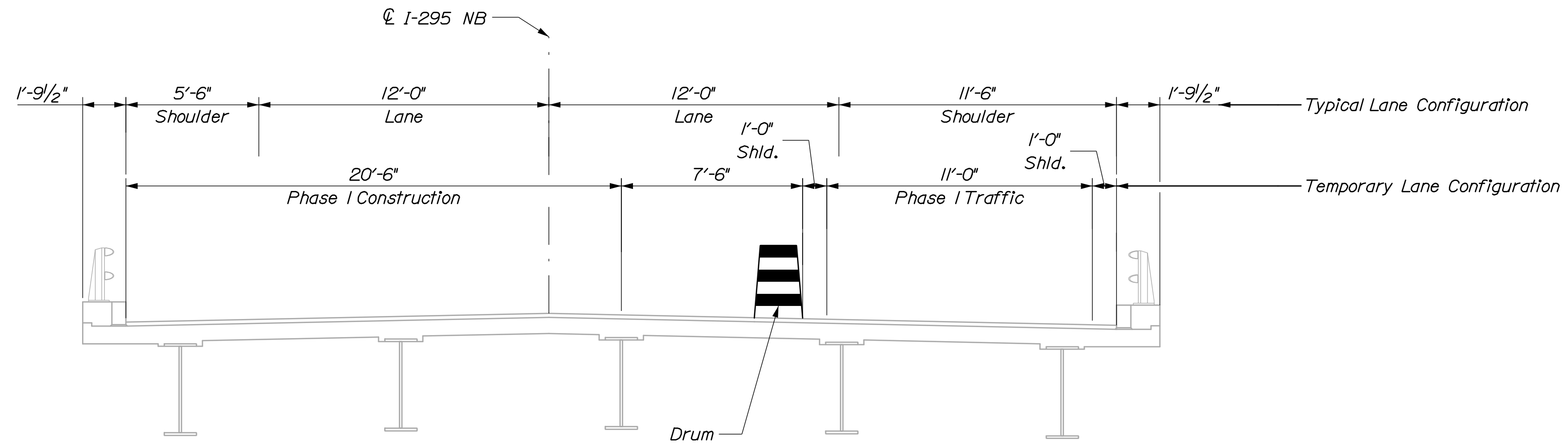


Date: 1/22/2021

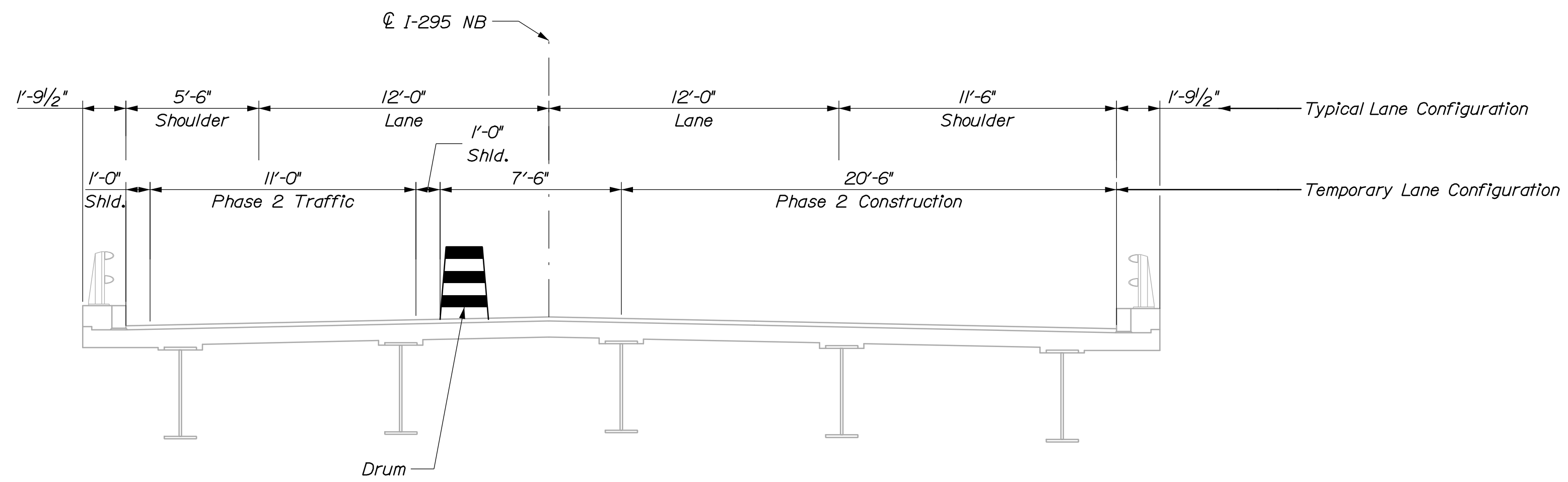
Username:

Division:

Filename: 031_Fore River Phasing Typ.dgn



PHASE 1
INTERSTATE 295 NORTHBOUND OVER FORE RIVER



PHASE 2
INTERSTATE 295 NORTHBOUND OVER FORE RIVER

NOTES:
1. Sections are shown looking northbound.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
2361502
WIN
023615.02
BRIDGE PLANS

SIGNATURE
P.E. NUMBER
DATE

| PROJ. MANAGER | M. Kersting | BY | DATE |
|------------------|-------------|----------|-------|
| DESIGN DETAILED | A. Sweet | A. Sweet | 07/21 |
| CHECKED-REVIEWED | L. Driscoll | T. Cole | 07/21 |
| DESIGN DETAILED | | | |
| REVISIONS 1 | | | |
| REVISIONS 2 | | | |
| REVISIONS 3 | | | |
| REVISIONS 4 | | | |
| FIELD CHANGES | | | |

INTERSTATE 295 NORTHBOUND
S. PORTLAND TO PORTLAND
CUMBERLAND COUNTY
BRIDGE PHASING
FORE RIVER

SHEET NUMBER

31

OF 51

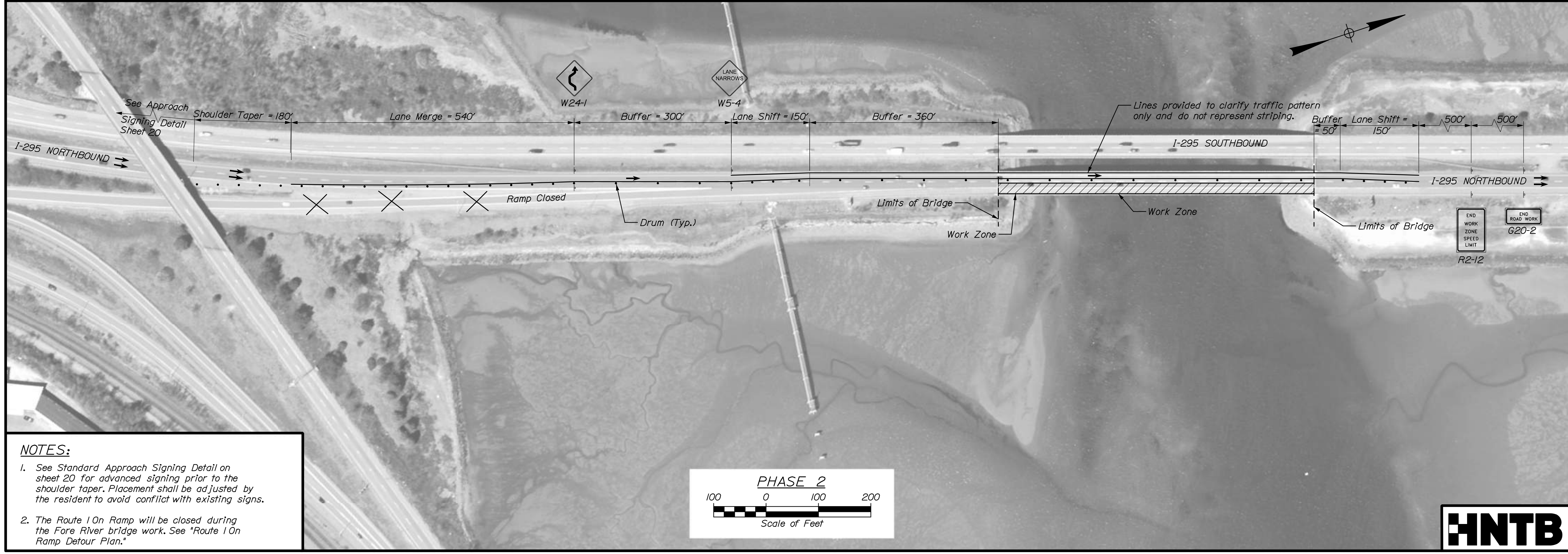
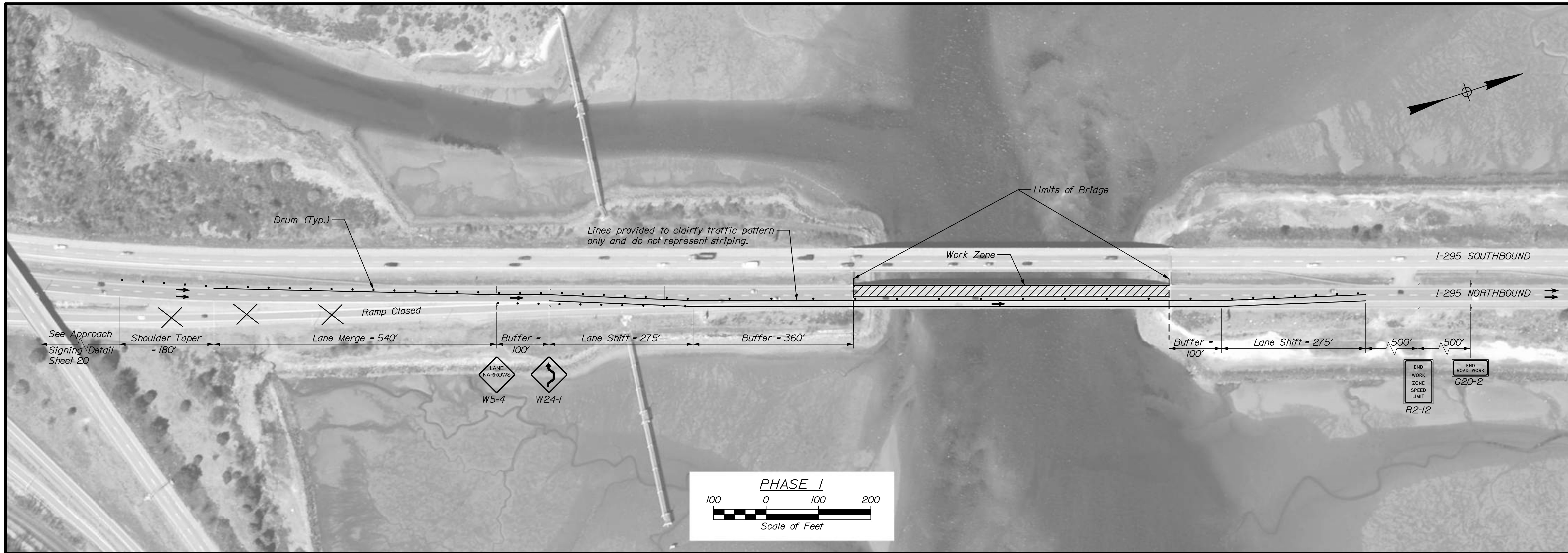


Date: 1/22/2021

Username:

Division:

Filename: 032_Fore River MOT Detail.dgn



NOTES:

- See Standard Approach Signing Detail on sheet 20 for advanced signing prior to the shoulder taper. Placement shall be adjusted by the resident to avoid conflict with existing signs.
- The Route 1 On Ramp will be closed during the Fore River bridge work. See "Route 1 On Ramp Detour Plan."

| | | | |
|--|-------------|---------------|------------|
| STATE OF MAINE DEPARTMENT OF TRANSPORTATION | | 2361502 | |
| BRIDGE NO. Varies | | WIN 023615.02 | |
| BRIDGE PLANS | | | |
| PROJ. MANAGER | M. Kersting | BY | E. Raymond |
| DESIGN/DETAILED | A. Sweet | DATE | 07/21 |
| CHECKED/REVIEWED | L. Driscoll | DATE | 07/21 |
| DESIGNS/DETAILED | - | SIGNATURE | - |
| REVISIONS 1 | - | P.E. NUMBER | - |
| REVISIONS 2 | - | DATE | - |
| REVISIONS 3 | - | | |
| REVISIONS 4 | - | | |
| FIELD CHANGES | - | | |

INTERSTATE 295 NORTHBOUND
S. PORTLAND TO PORTLAND
CUMBERLAND COUNTY

**TRAFFIC CONTROL PLAN
FORE RIVER**

SHEET NUMBER
32
OF 51

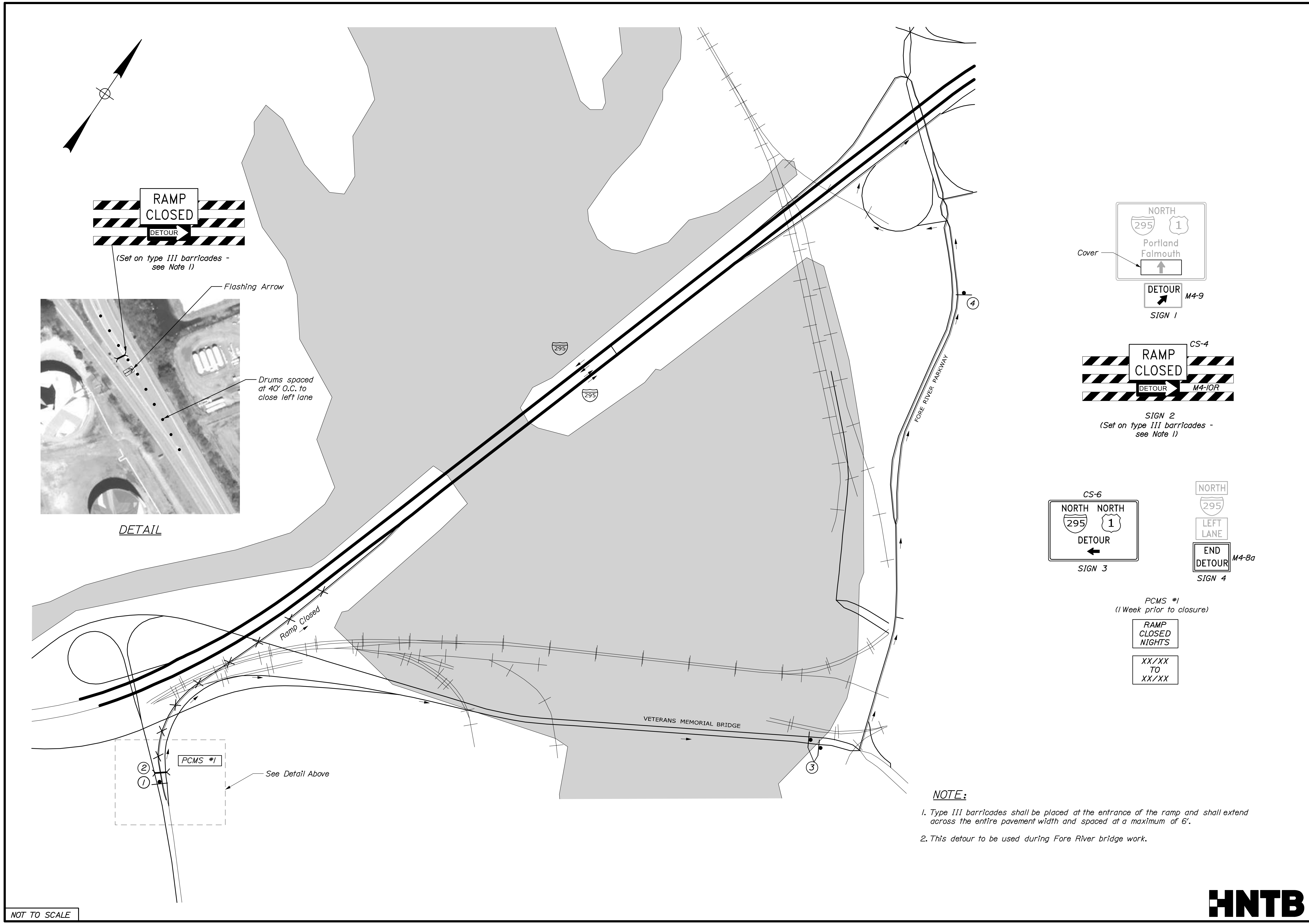
HNTB

Date: 1/22/2021

Username:

Division:

Filename: 033_Detour_Fore_River.dgn



NOTE:

- Type III barricades shall be placed at the entrance of the ramp and shall extend across the entire pavement width and spaced at a maximum of 6'.
- This detour to be used during Fore River bridge work.

| | | | |
|---|---------------|--|----------|
| STATE OF MAINE DEPARTMENT OF TRANSPORTATION | | 2361502 | |
| INTERSTATE 295 NORTHBOUND S. PORTLAND TO PORTLAND CUMBERLAND COUNTY | | BRIDGE NO. Varies WIN 023615.02 BRIDGE PLANS | |
| FORE RIVER DETOUR PLAN | | SHEET NUMBER | |
| 33 | | OF 51 | |
| PROJ. MANAGER | M. Kershaugen | DATE | 01/21 |
| DESIGN DETAIL | A. Sweet | BY | K. Brown |
| CHECKED/REVIEWED | L. Driscoll | | T. Cole |
| DESIGN DETAIL | | DATE | 01/21 |
| REVISIONS | 1 | SIGNATURE | |
| REVISIONS | 2 | P.E. NUMBER | |
| REVISIONS | 3 | DATE | |
| REVISIONS | 4 | | |
| FIELD CHANGES | | | |

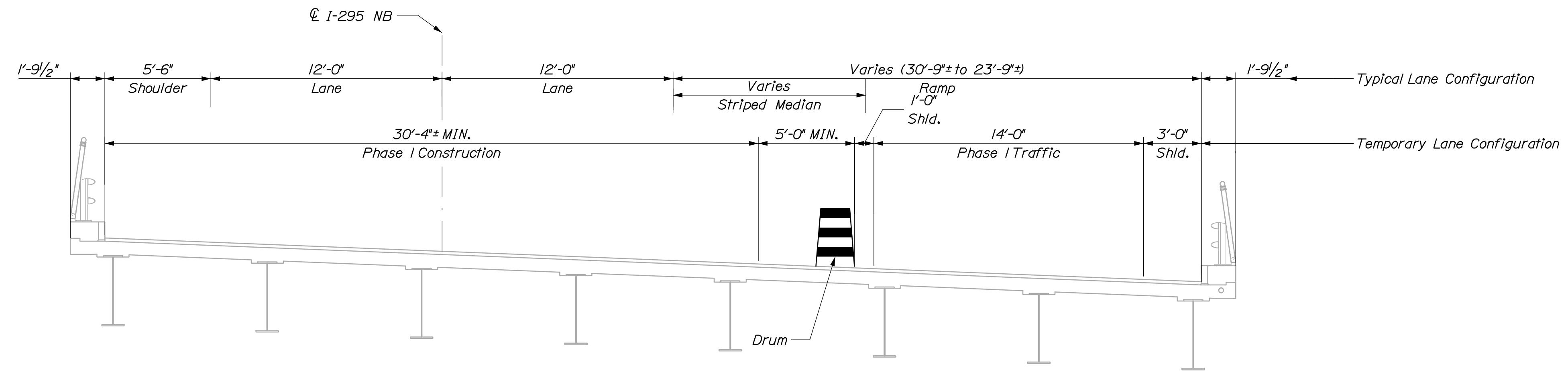


Date: 1/22/2021

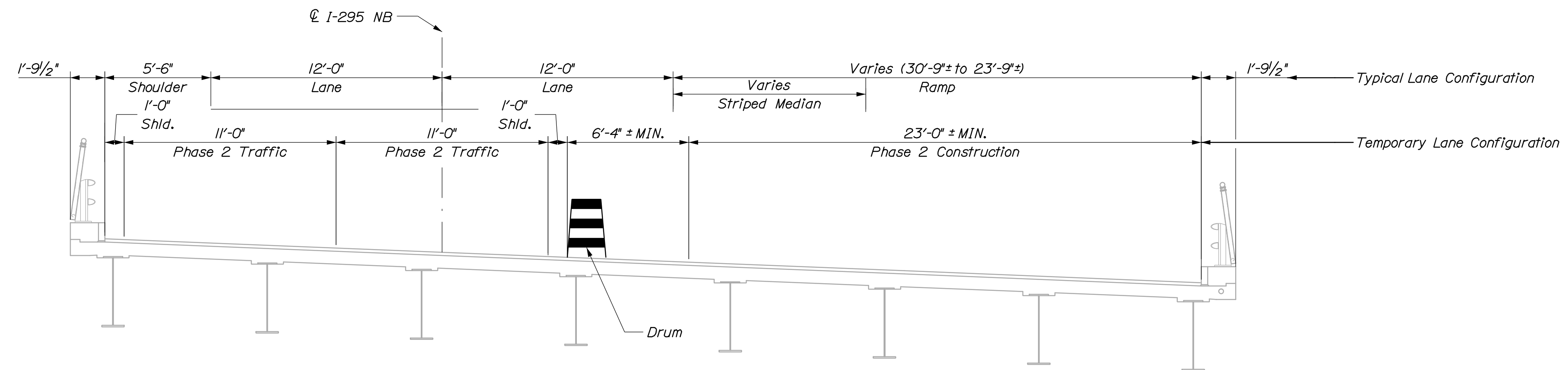
Username:

Division:

Filename: 035_Congress St Phasing Typ.dgn



PHASE 1
INTERSTATE 295 NORTHBOUND OVER CONGRESS STREET AND PARK AVENUE



PHASE 2
INTERSTATE 295 NORTHBOUND OVER CONGRESS STREET AND PARK AVENUE

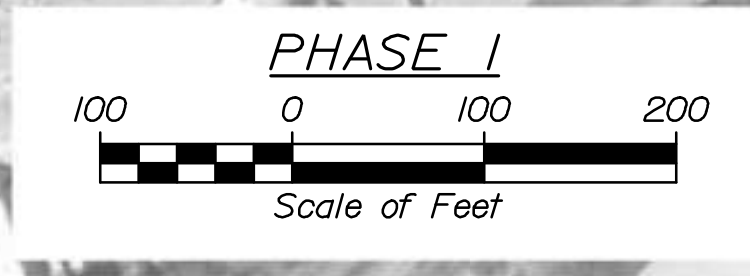
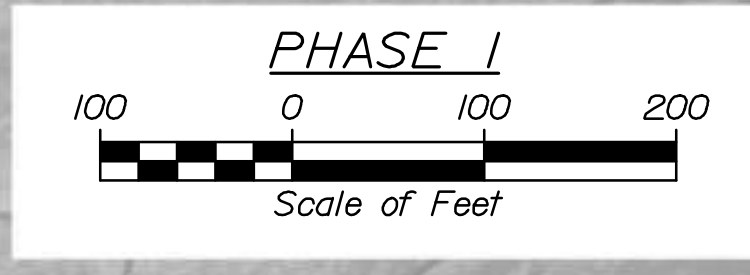
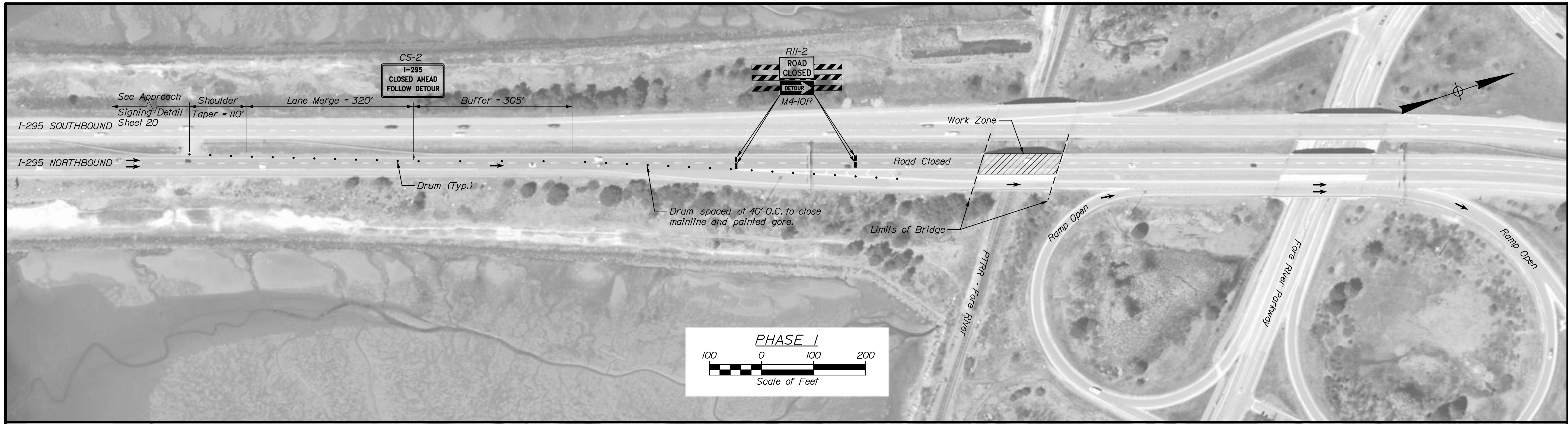
NOTES:
1. Sections are shown looking northbound.

| | | | | | |
|---|---------------|--|-------------|--------------|-------|
| STATE OF MAINE DEPARTMENT OF TRANSPORTATION 2361502 | | WIN 023615.02 | | BRIDGE PLANS | |
| INTERSTATE 295 NORTHBOUND S. PORTLAND TO PORTLAND CUMBERLAND COUNTY | | BRIDGE PHASING CONGRESS ST & PARK AVE | | SHEET NUMBER | |
| 35 | | OF 51 | | DATE | |
| PROJ. MANAGER | M. Kershaugen | BY | A. Sweet | DATE | 07/21 |
| DESIGNED/DETAILED | A. Sweet | CHECKED/REVIEWED | L. Driscoll | DATE | 07/21 |
| DESIGNED/DETAILED | | DESIGNED/DETAILED | | SIGNATURE | |
| REVISIONS 1 | | REVISIONS 1 | | P.E. NUMBER | |
| REVISIONS 2 | | REVISIONS 2 | | DATE | |
| REVISIONS 3 | | REVISIONS 3 | | | |
| REVISIONS 4 | | REVISIONS 4 | | | |
| FIELD CHANGES | | | | | |



Date: 1/22/2021

Filename: 036_PanAm_Fore River Parkway_Congress St/Detail Phase 1.dgn Username:



NOTES:
 1. See Standard Approach Signing Detail on sheet 20 for advanced signing prior to the shoulder taper. Placement shall be adjusted by the resident to avoid conflict with existing signs.

| | | | |
|---|-------------|-----------------------------|-------|
| STATE OF MAINE DEPARTMENT OF TRANSPORTATION | | 2361502 | |
| INTERSTATE 295 NORTHBOUND S. PORTLAND TO PORTLAND CUMBERLAND COUNTY | | BRIDGE NO. VARIES 023615.02 | |
| TRAFFIC CONTROL PLAN PTRR/CONGRESS ST/PARK AVE | | BRIDGE PLANS | |
| SHEET NUMBER | | WIN | |
| 36 | | 023615.02 | |
| OF 51 | | DATE | |
| PROJ. MANAGER | M. Kersting | BY | |
| DESIGN DETAILED | A. Sweet | DATE | 07/21 |
| CHECKED/REVIEWED | L. Driscoll | DATE | 07/21 |
| DESIGNS DETAILED | | SIGNATURE | |
| DESIGNS DETAILED | | P.E. NUMBER | |
| REVISIONS 1 | | DATE | |
| REVISIONS 2 | | | |
| REVISIONS 3 | | | |
| REVISIONS 4 | | | |
| | | FIELD CHANGES | |

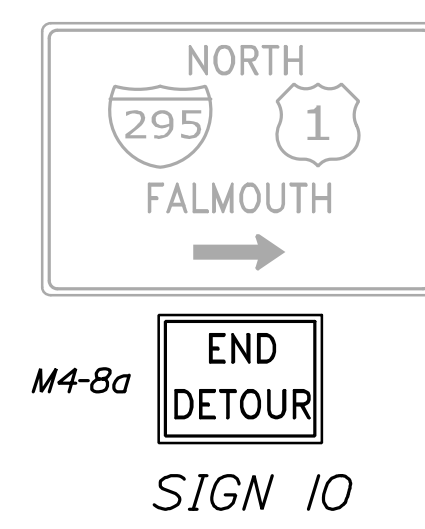
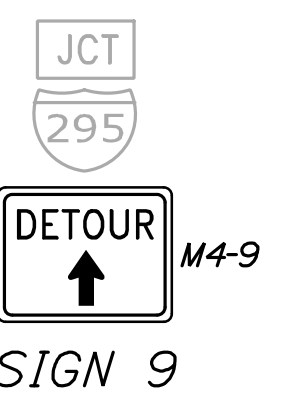
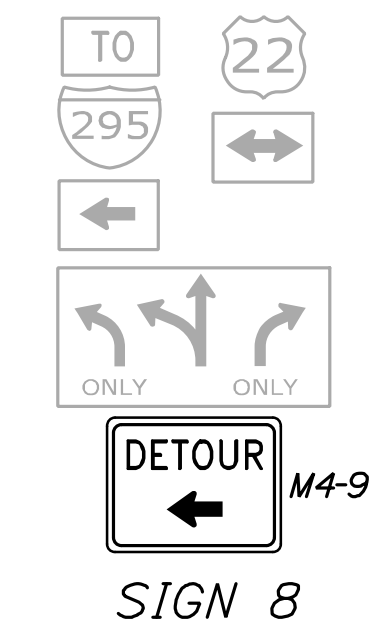
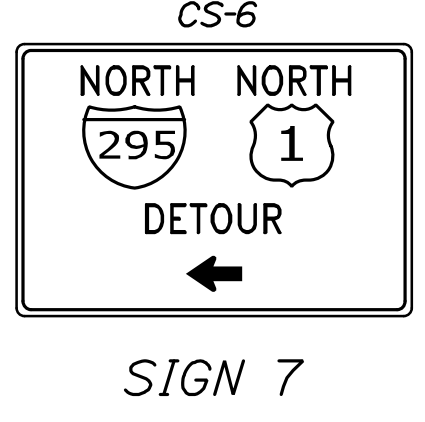
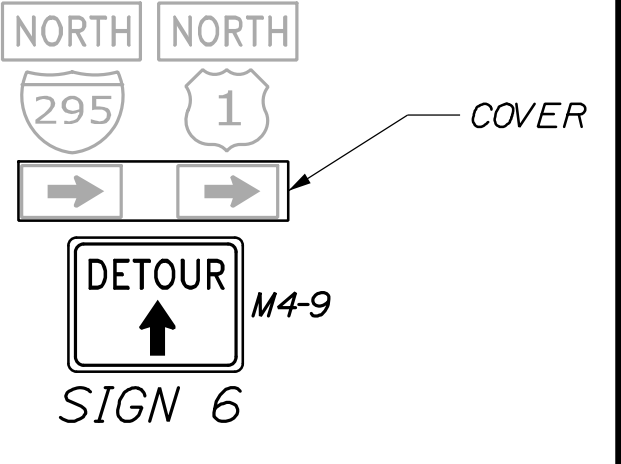
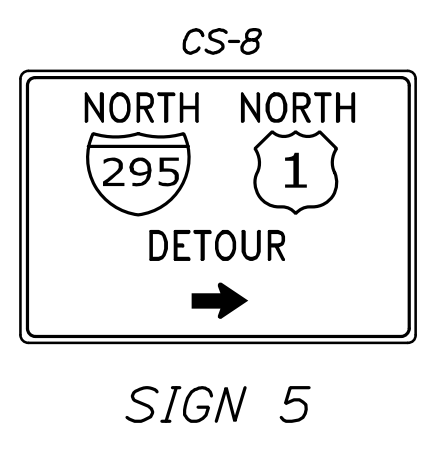
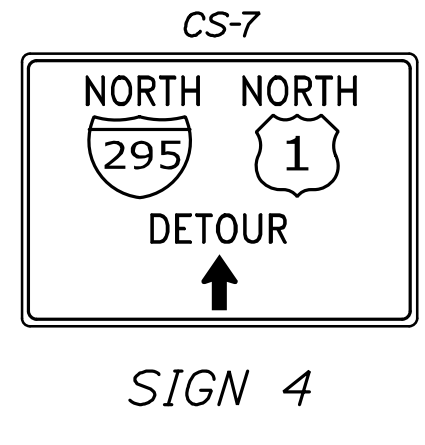
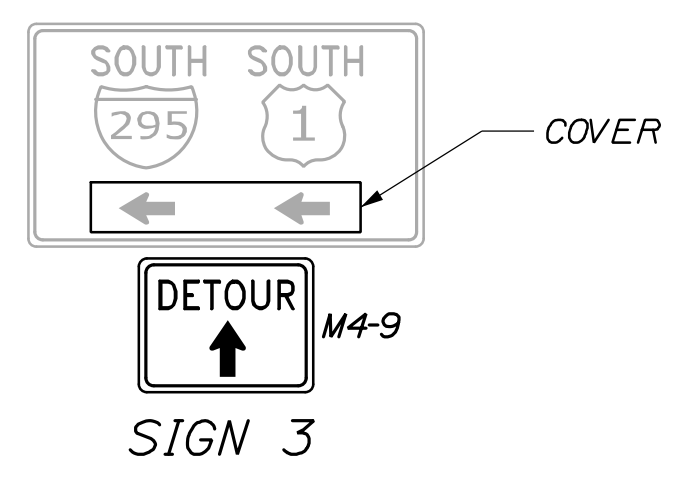
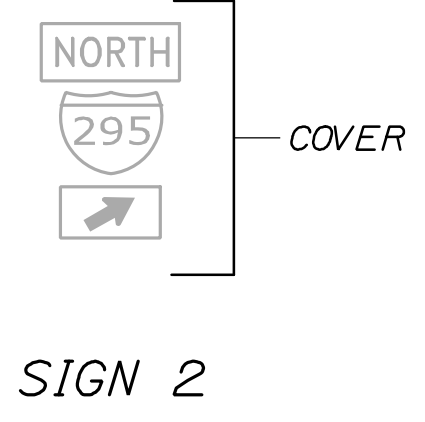
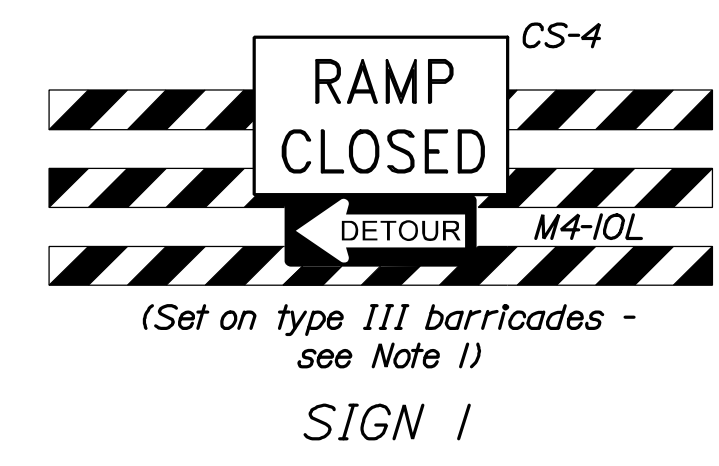


Date: 1/22/2021

Username:

Division:

Filename: 038_Detour_CongressSt.dgn



PCMS #1, 2, 3
(1 Week prior to closure)

RAMP
CLOSED
NIGHTS

XX/XX
TO
XX/XX

NOTES:

1. Type III barricades shall be placed at the entrance of the ramp and shall extend across the entire pavement width and spaced at a maximum 6'.
2. This detour to be used during the closure of the Exit 5 Collector Distributor Road.

NOT TO SCALE



| | | | | | | | |
|---|-----------------|--|-----------------|------------------|-------|---------------|---|
| STATE OF MAINE DEPARTMENT OF TRANSPORTATION | | 2361502 | | WIN 023615.02 | | BRIDGE PLANS | |
| INTERSTATE 295 NORTHBOUND S. PORTLAND TO PORTLAND CUMBERLAND COUNTY | | CONGRESS STREET & FORE RIVER PARKWAY ON RAMP DETOUR PLAN | | SHEET NUMBER | | 38 | |
| PROJ. MANAGER | M. Kerschberger | BY | M. Kerschberger | DATE | 01/21 | SIGNATURE | |
| DESIGN-DETAILED | A. Sweet | CHECKED-REVIEWED | K. Brown | DATE | 01/21 | P.E. NUMBER | |
| DESIGN-DETAILED | L. Driscoll | DESIGN-DETAILED | T. Cole | REVISIONS 1 | - | DATE | - |
| REVISIONS 1 | - | REVISIONS 2 | - | REVISIONS 3 | - | FIELD CHANGES | - |
| REVISIONS 2 | - | REVISIONS 3 | - | REVISIONS 4 | - | | |
| REVISIONS 3 | - | REVISIONS 4 | - | | | | |
| REVISIONS 4 | - | | | | | | |
| FIELD CHANGES | - | | | | | | |

38

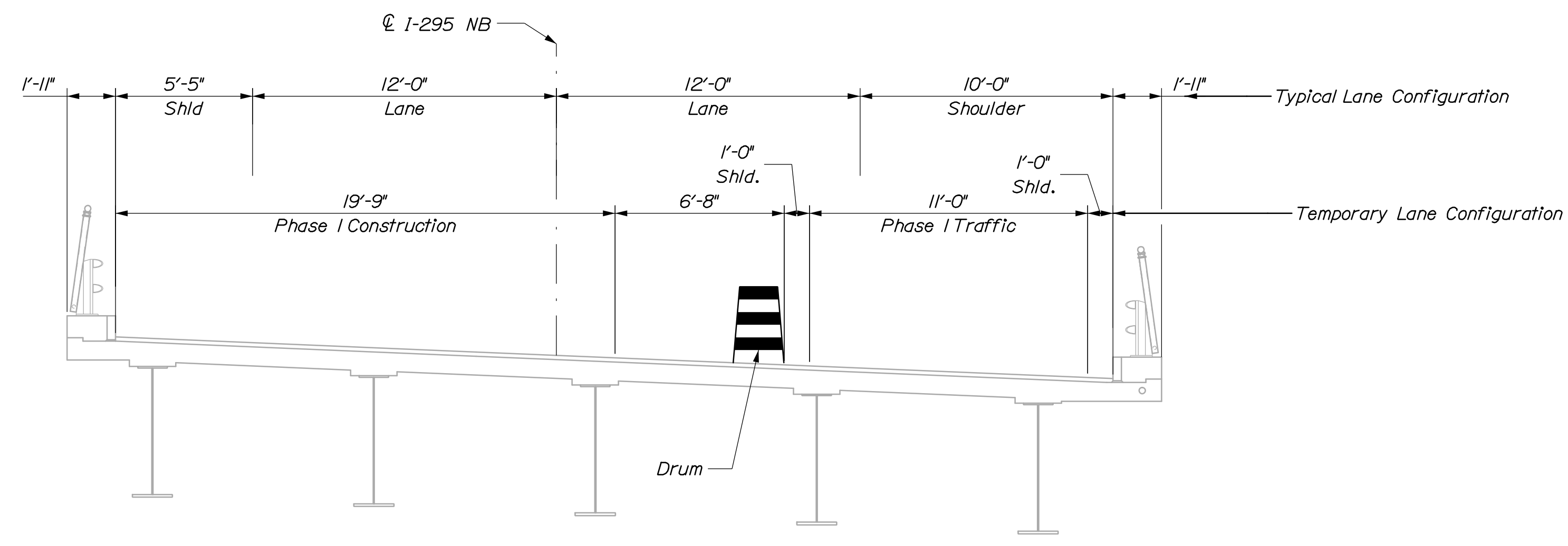
OF 51

Date: 1/22/2021

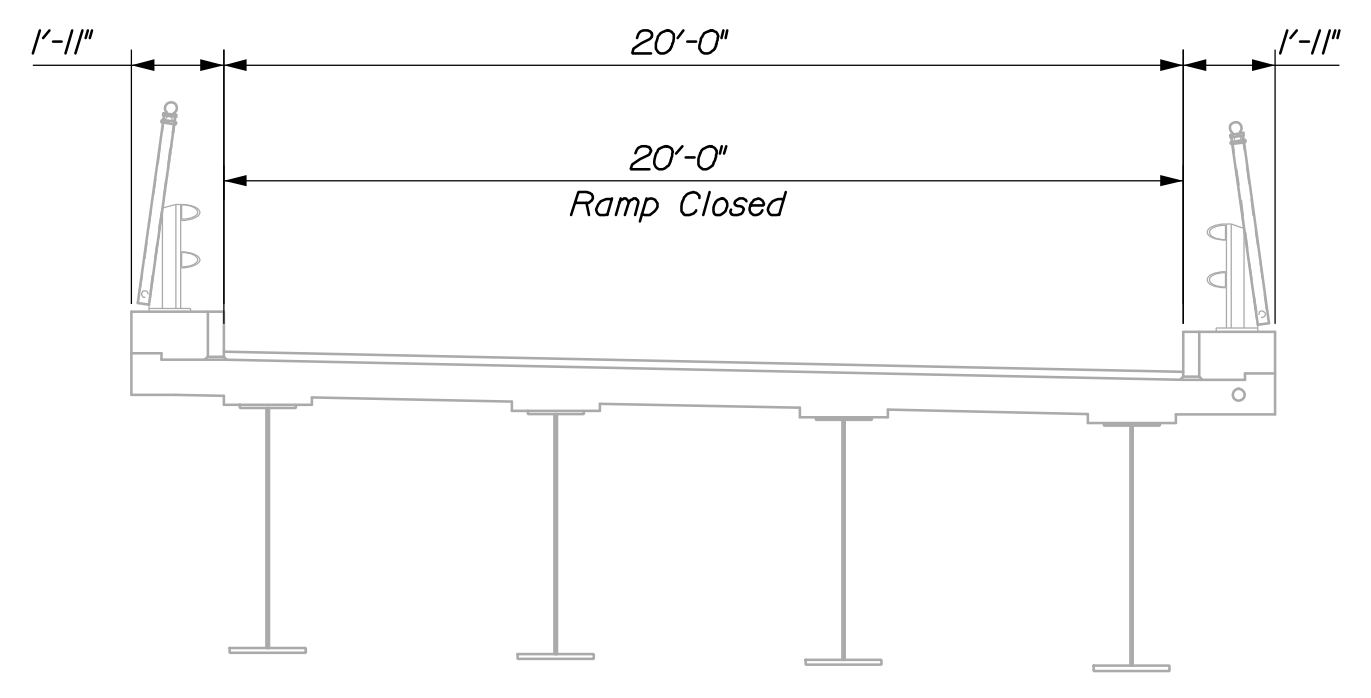
Username:

Division:

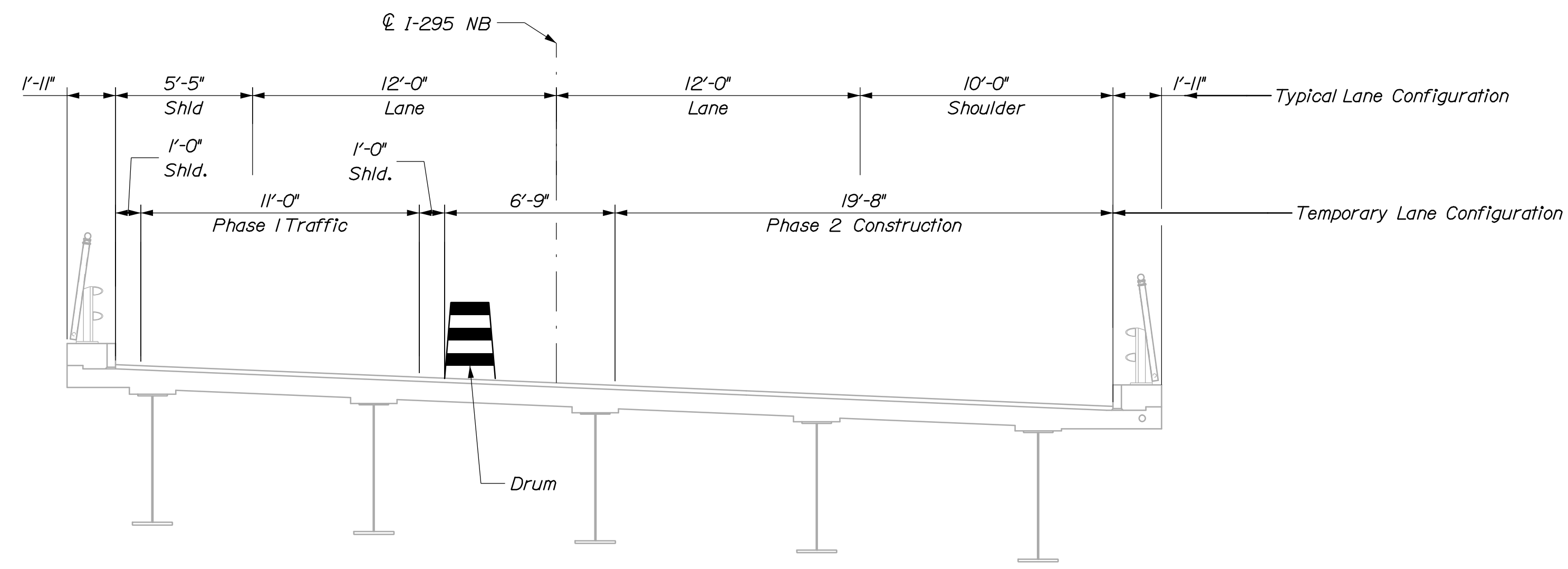
Filename: 040_St. James St Phasing Typ.dgn



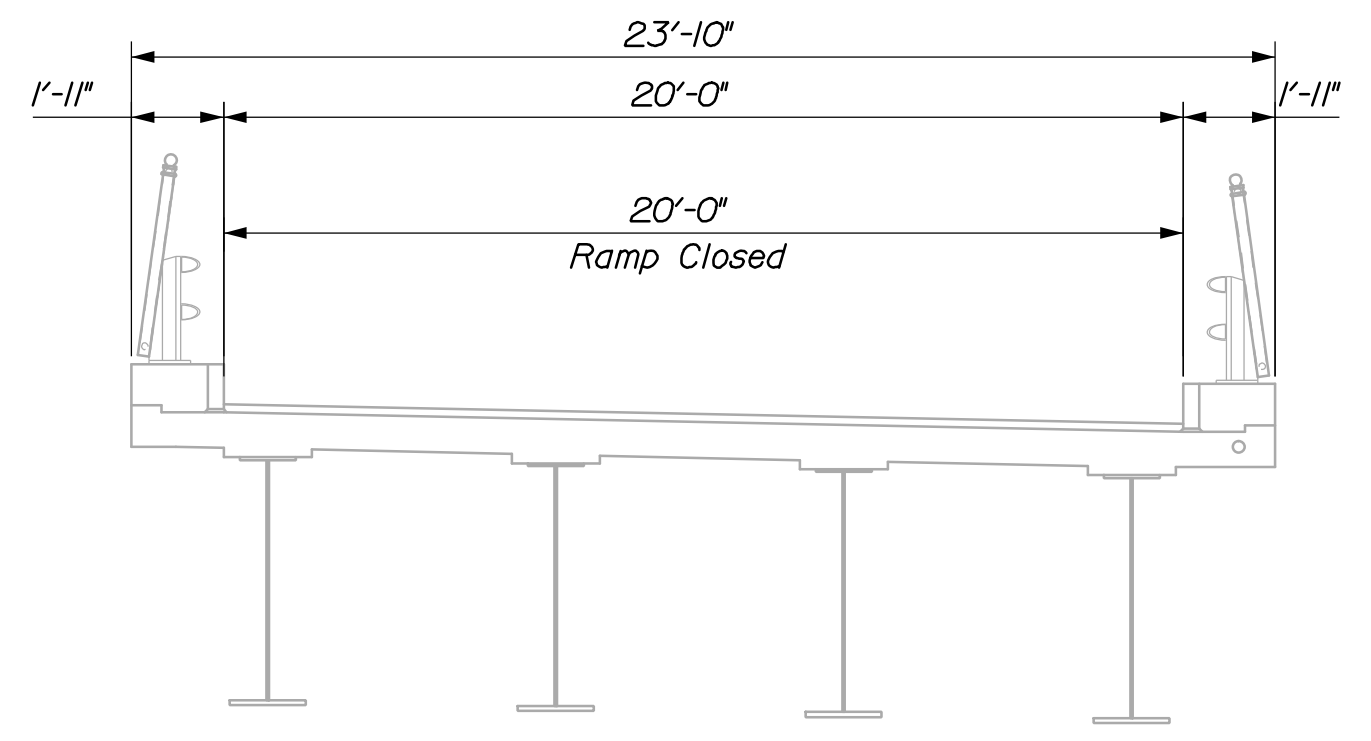
PHASE 1
INTERSTATE 295 NORTHBOUND OVER ST. JAMES STREET



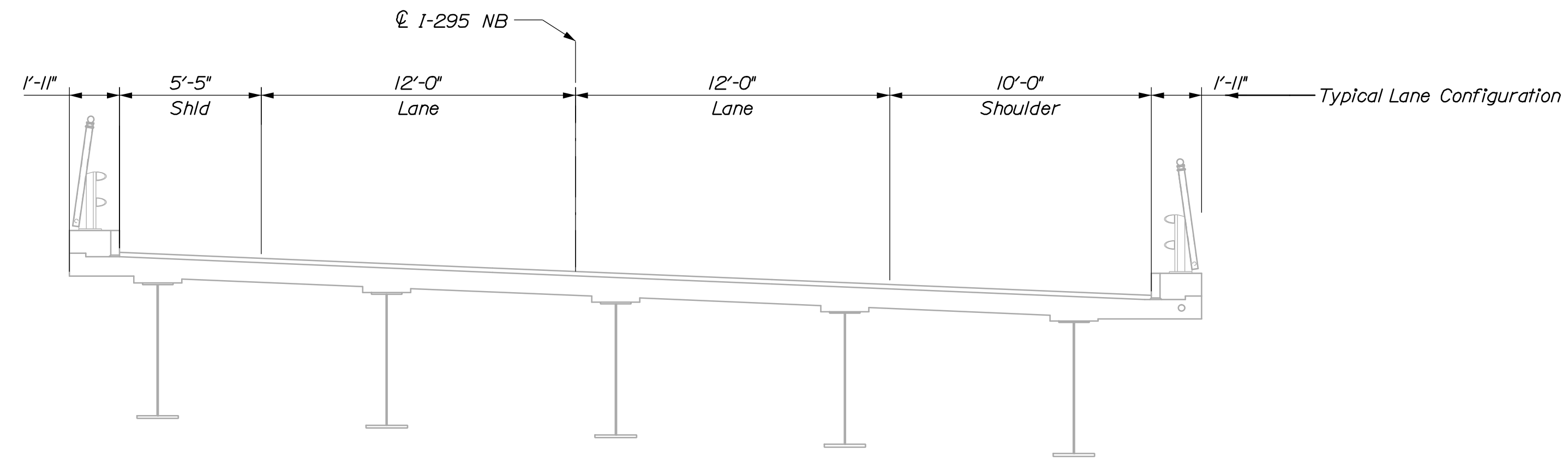
PHASE 1
INTERSTATE 295 NORTHBOUND ON RAMP OVER ST. JAMES STREET



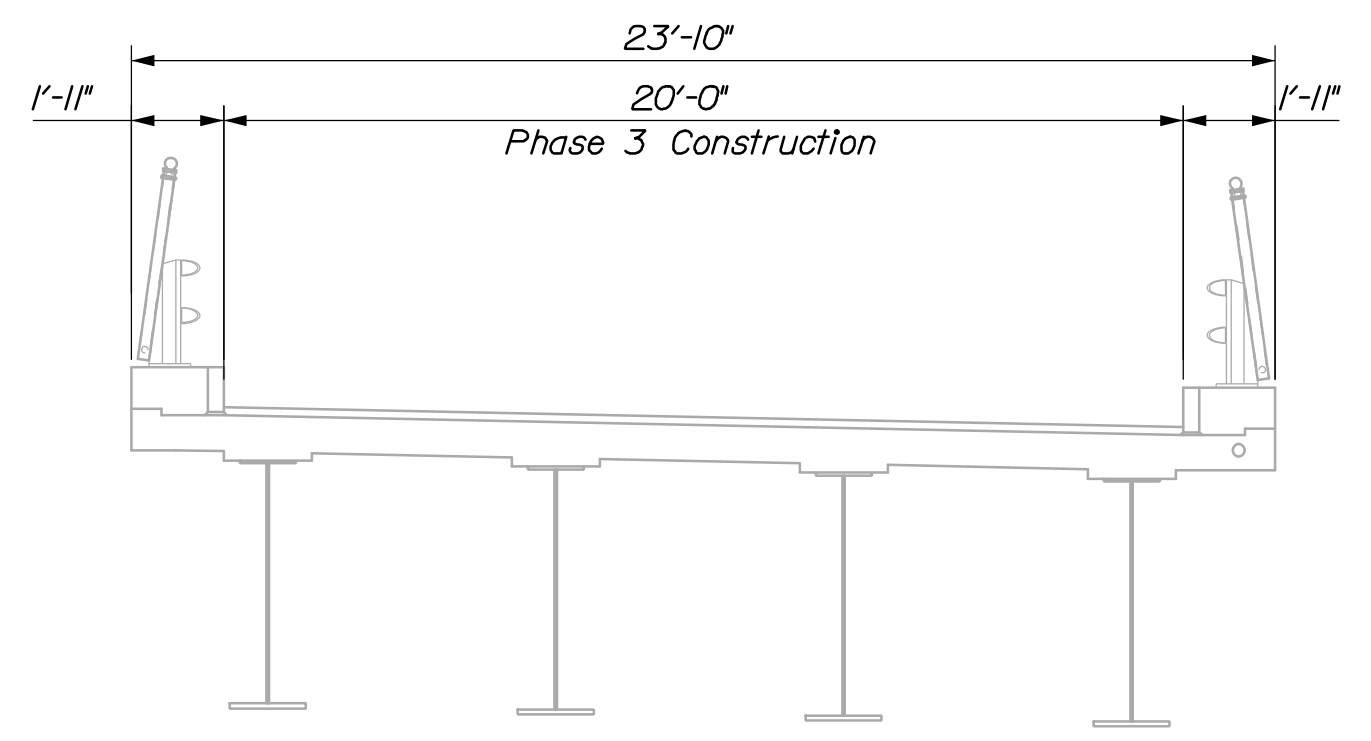
PHASE 2
INTERSTATE 295 NORTHBOUND OVER ST. JAMES STREET



PHASE 2
INTERSTATE 295 NORTHBOUND ON RAMP OVER ST. JAMES STREET



PHASE 3
INTERSTATE 295 NORTHBOUND OVER ST. JAMES STREET



PHASE 3
INTERSTATE 295 NORTHBOUND ON RAMP OVER ST. JAMES STREET

NOTES:
1. Sections are shown looking northbound.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
2361502
WIN
023615.02
BRIDGE PLANS

| | | | |
|------------------|---------------|-------------|----------|
| PROJ. MANAGER | M. Kershaugen | DATE | |
| DESIGN DETAILED | A. Sweet | BY | A. Sweet |
| CHECKED/REVIEWED | L. Driscoll | DATE | 01/21 |
| DESIGN DETAILED | | SIGNATURE | |
| REVISIONS 1 | | P.E. NUMBER | |
| REVISIONS 2 | | DATE | |
| REVISIONS 3 | | | |
| REVISIONS 4 | | | |
| FIELD CHANGES | | | |

| |
|---|
| INTERSTATE 295 NORTHBOUND S. PORTLAND TO PORTLAND CUMBERLAND COUNTY |
| BRIDGE PHASING ST. JAMES STREET |

SHEET NUMBER
40
OF 51

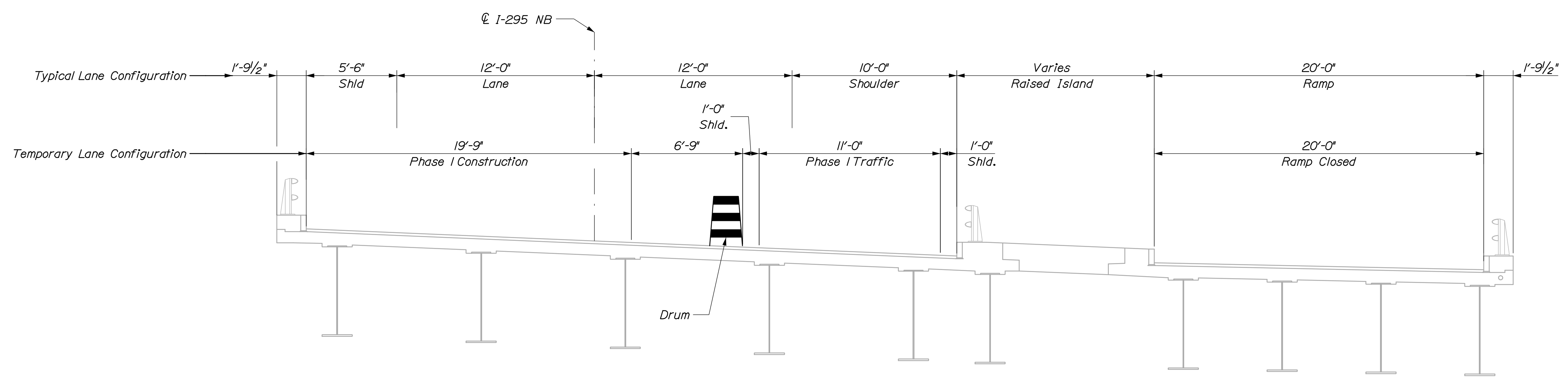


Date: 1/22/2021

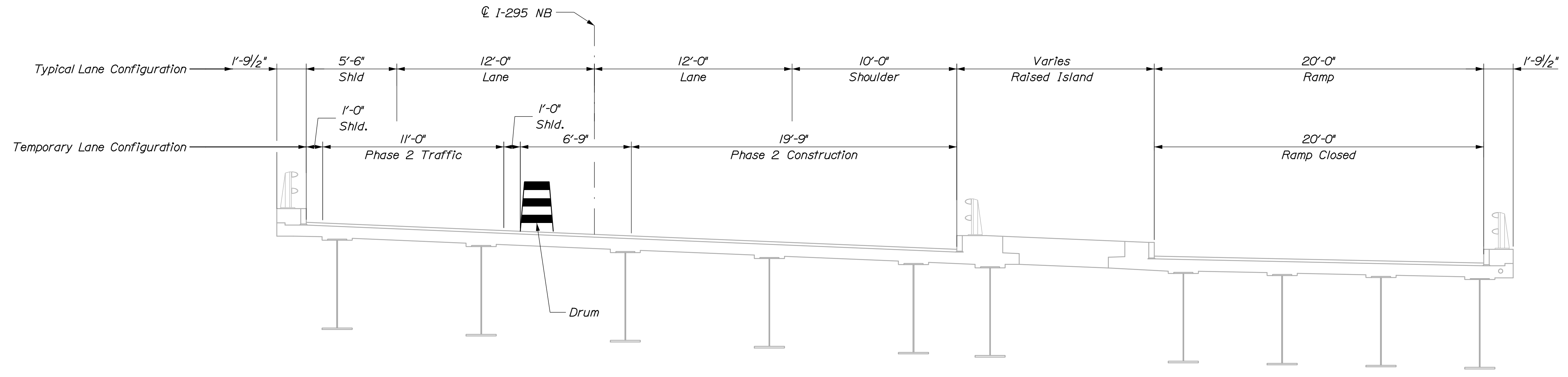
Username:

Division:

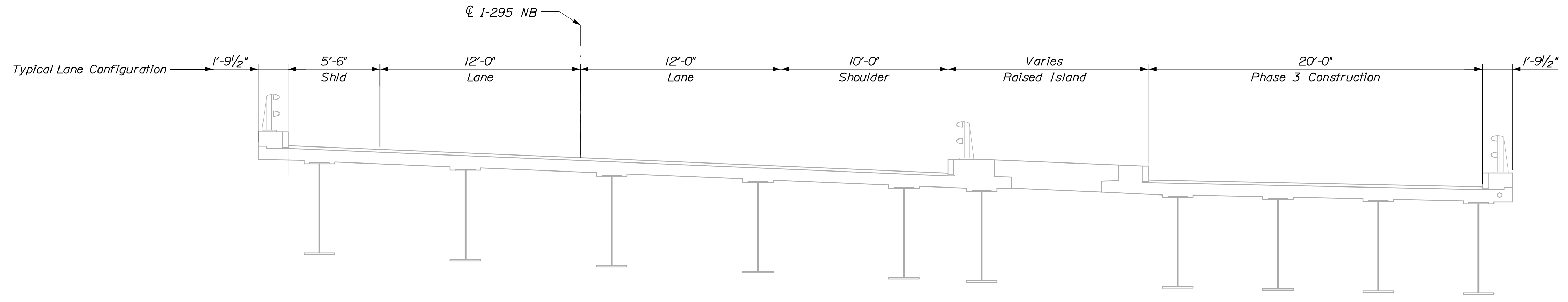
Filename: 041_PTRR-St.John Phasing Typ.dgn



PHASE 1
INTERSTATE 295 NORTHBOUND OVER PTRR (ST. JOHN STREET)



PHASE 2
INTERSTATE 295 NORTHBOUND OVER PTRR (ST. JOHN STREET)



PHASE 3
INTERSTATE 295 NORTHBOUND OVER PTRR (ST. JOHN STREET)

NOTES:
1. Sections are shown looking northbound.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
2361502
WIN
023615.02
BRIDGE PLANS

| | | | |
|------------------|---------------|-------------|-------|
| PROJ. MANAGER | M. Kershauger | DATE | |
| DESIGN DETAILED | A. Sweet | DATE | 07/21 |
| CHECKED/REVIEWED | L. Driscoll | DATE | 07/21 |
| DESIGN DETAILED | T. Cole | SIGNATURE | |
| REVISIONS 1 | | P.E. NUMBER | |
| REVISIONS 2 | | DATE | |
| REVISIONS 3 | | | |
| REVISIONS 4 | | | |
| FIELD CHANGES | | | |

| | | | |
|------------------|---------------|-------------|-------|
| PROJ. MANAGER | M. Kershauger | DATE | |
| DESIGN DETAILED | A. Sweet | DATE | 07/21 |
| CHECKED/REVIEWED | L. Driscoll | DATE | 07/21 |
| DESIGN DETAILED | T. Cole | SIGNATURE | |
| REVISIONS 1 | | P.E. NUMBER | |
| REVISIONS 2 | | DATE | |
| REVISIONS 3 | | | |
| REVISIONS 4 | | | |
| FIELD CHANGES | | | |

INTERSTATE 295 NORTHBOUND
S. PORTLAND TO PORTLAND
CUMBERLAND COUNTY
BRIDGE PHASING
PTRR (ST. JOHN STREET)

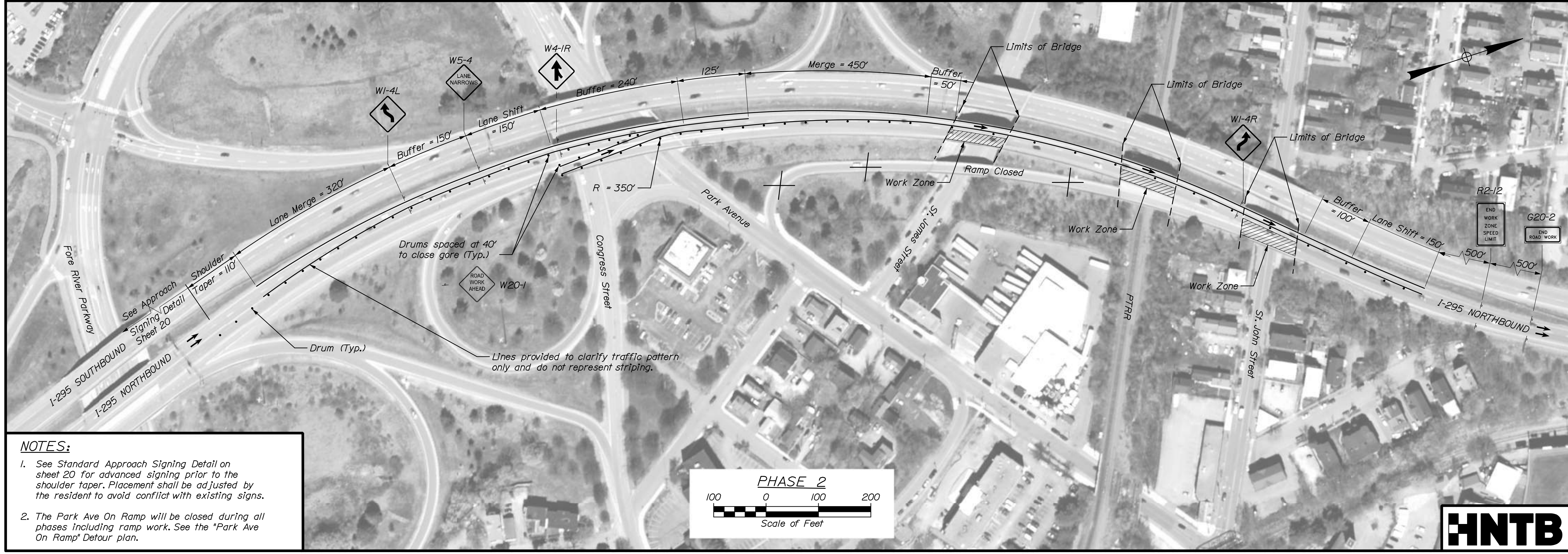
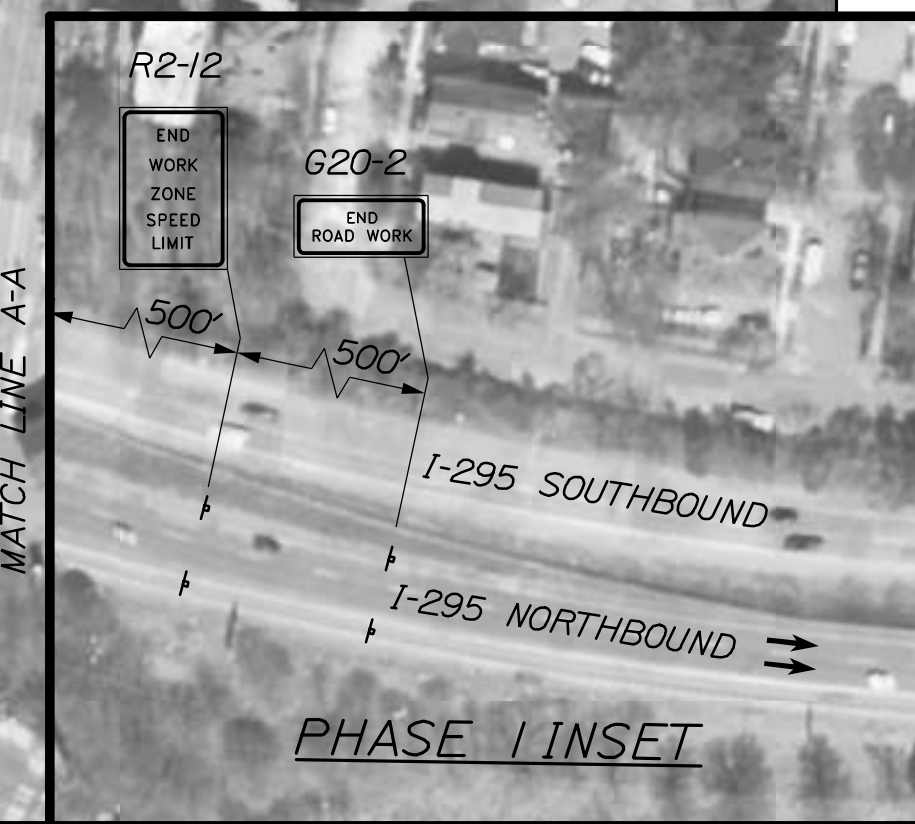
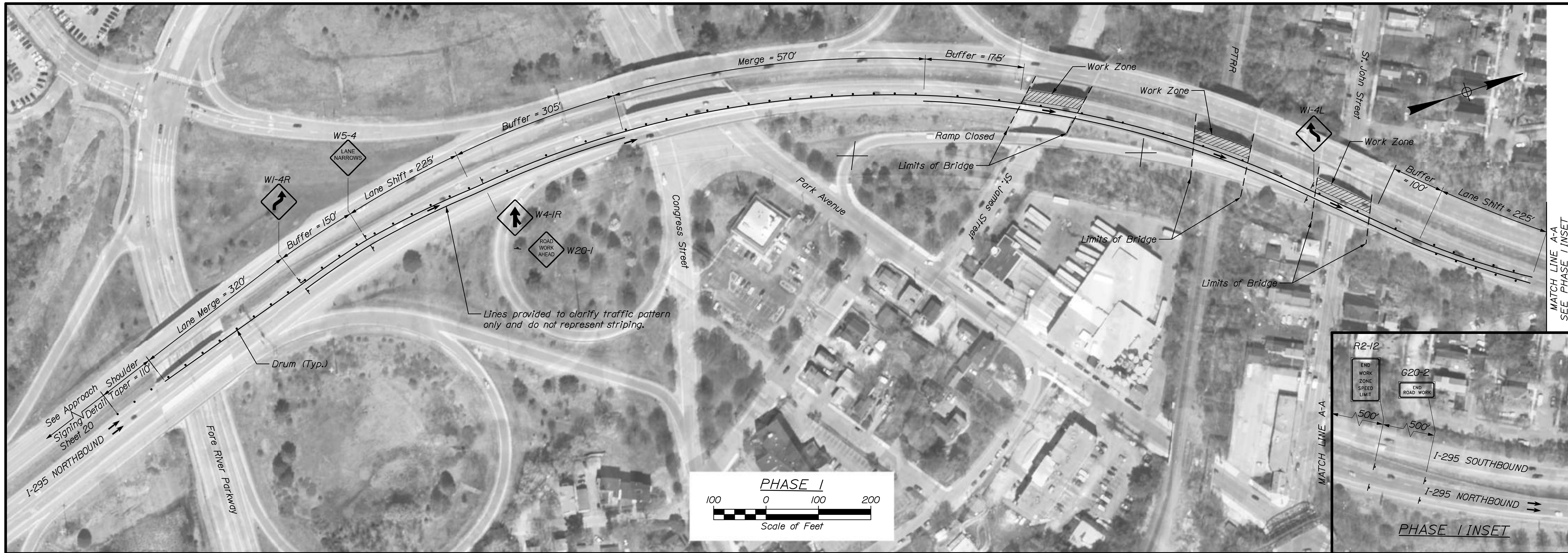
SHEET NUMBER
41
OF 51



Date: 1/22/2021

Username:

Filename: 043_StJames_PTRR_StJohn MOT Detail.dgn



NOTES:

- See Standard Approach Signing Detail on sheet 20 for advanced signing prior to the shoulder taper. Placement shall be adjusted by the resident to avoid conflict with existing signs.
- The Park Ave On Ramp will be closed during all phases including ramp work. See the "Park Ave On Ramp" Detour plan.



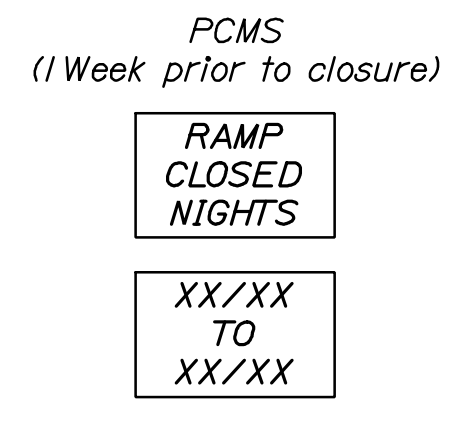
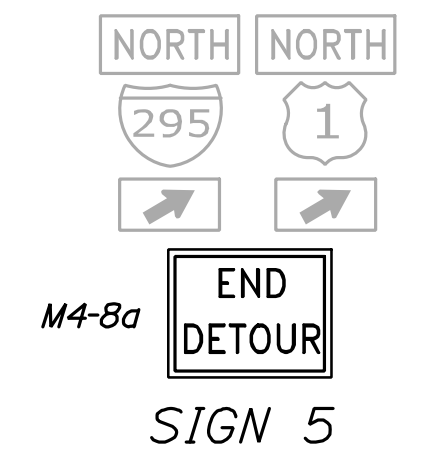
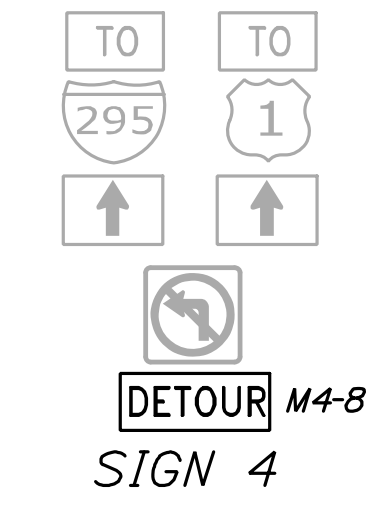
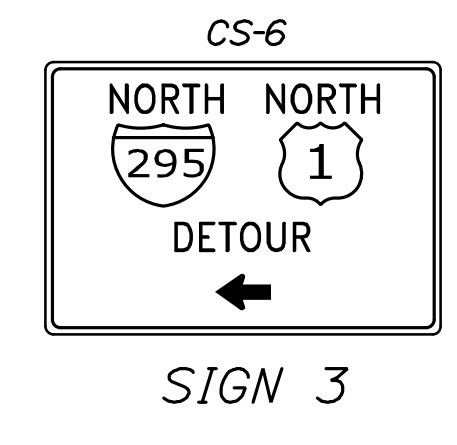
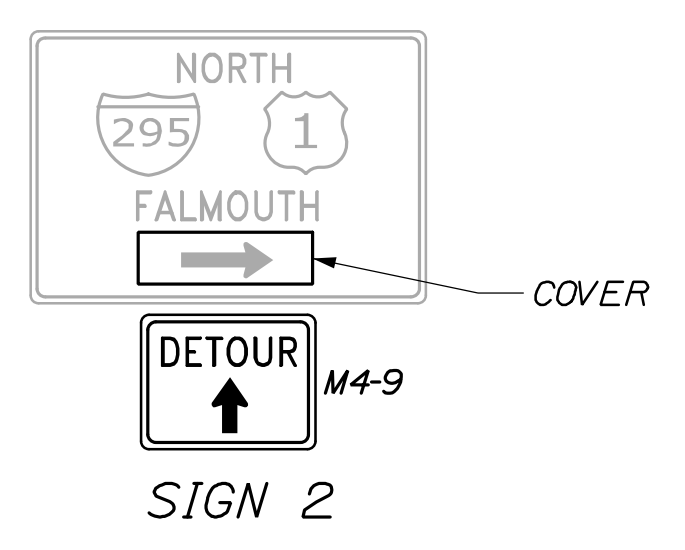
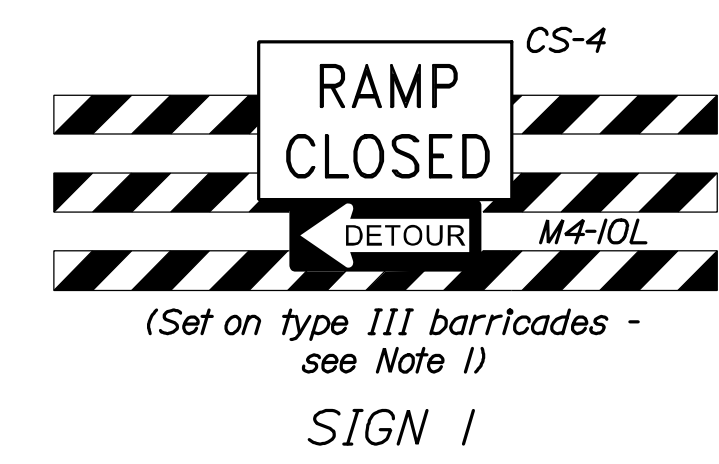
| | | | |
|---|---------------------------------|---|-------------|
| STATE OF MAINE DEPARTMENT OF TRANSPORTATION 2361502 | | BRIDGE NO. Varies WIN 023615.02 BRIDGE PLANS | |
| PROJ. MANAGER M. Kerabirger | BY E. Raymond | DATE 07/21 | SIGNATURE |
| DESIGN/DETAILED A. Sweet | CHECKED/REVIEWED L. Driscoll | DATE 07/21 | SIGNATURE |
| DESIGNS/DETAILED | DESIGNS/DETAILED | REVISIONS 1 | P.E. NUMBER |
| | | REVISIONS 2 | DATE |
| | | REVISIONS 3 | |
| | | REVISIONS 4 | |
| | | FIELD CHANGES | |
| INTERSTATE 295 NORTHBOUND S. PORTLAND TO PORTLAND CUMBERLAND COUNTY | | TRAFFIC CONTROL PLAN ST. JAMES - PTRR - ST. JOHN | |
| SHEET NUMBER | | 43 | |
| | | OF 51 | |

Date: 1/22/2021

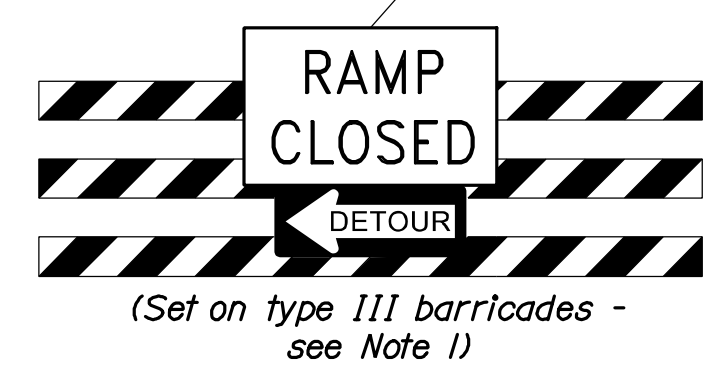
Username:

Division:

Filename: 044_Detour_ParkAve.dgn



DETAIL (Phase 3)



NOTES:

1. Type III barricades shall be placed at the entrance of the ramp and shall extend across the entire pavement width and spaced at a maximum 6'.
2. This detour shall be used during St. John, PTRR - St. John, and St. James as well as the Park Avenue On Ramp bridge work.

NOT TO SCALE

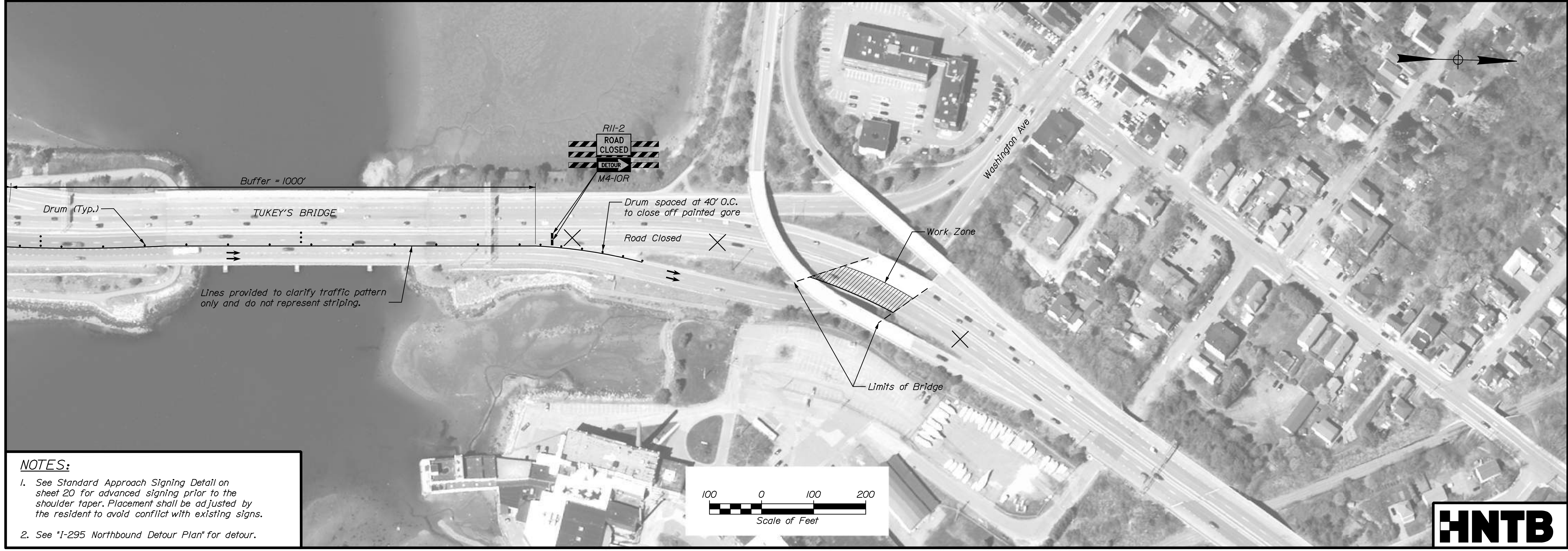
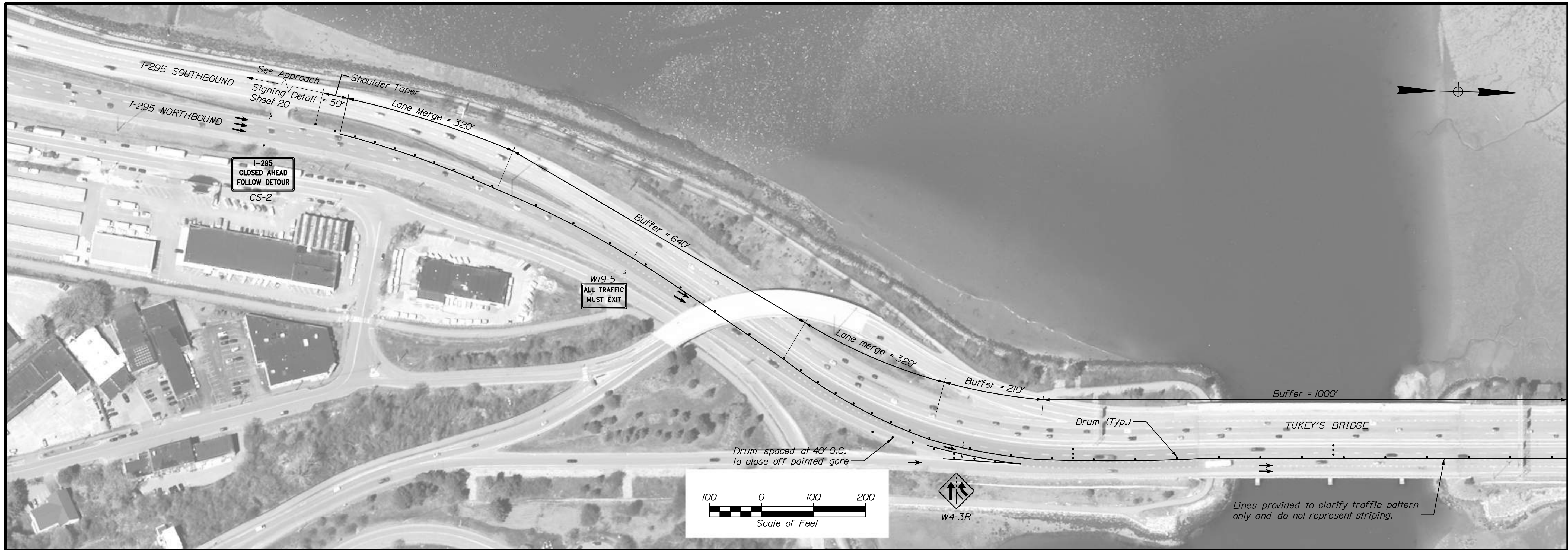


| | | | | | | | |
|--|-----------------|------------------------------------|-------------|---------------------------|-------|--------------|--|
| STATE OF MAINE DEPARTMENT OF TRANSPORTATION | | 2361502 | | WIN 023615.02 | | BRIDGE PLANS | |
| INTERSTATE 295 NORTHBOND S. PORTLAND TO PORTLAND CUMBERLAND COUNTY | | PARK AVENUE ON RAMP DETOUR PLAN | | SHEET NUMBER 44 | | OF 51 | |
| PROJ. MANAGER | M. Kershner/gen | BY | K. Brown | DATE | 01/21 | SIGNATURE | |
| DESIGN/DETAILED | A. Sweet | CHECKED/REVIEWED | L. Driscoll | DATE | 01/21 | P.E. NUMBER | |
| DESIGN/DETAILED | | DESIGN/DETAILED | | DATE | | DATE | |
| REVISIONS | 1 | | | | | | |
| REVISIONS | 2 | | | | | | |
| REVISIONS | 3 | | | | | | |
| REVISIONS | 4 | | | | | | |
| FIELD CHANGES | | | | | | | |

Date: 1/22/2021

Username:

Filename: 045_Washington Ave MOT Detail Option 1.dgn



NOTES:

1. See Standard Approach Signing Detail on sheet 20 for advanced signing prior to the shoulder taper. Placement shall be adjusted by the resident to avoid conflict with existing signs.
2. See 'I-295 Northbound Detour Plan' for detour.

| | | | | | |
|---|-----------------------------|---------------------------------------|---|-------------------------------|--------------------|
| STATE OF MAINE DEPARTMENT OF TRANSPORTATION 2361502 | | BRIDGE NO. Varies WIN 023615.02 | | BRIDGE PLANS | |
| PROJ. MANAGER M. Kerabringger | DESIGN DETAILED A. Sweet | CHECKED/REVIEWED L. Driscoll | DESIGNS DETAILED - | REVISIONS 1 2 3 4 | FIELD CHANGES - |
| BY E. Raymond T. Cole | DATE 07/21 07/21 | SIGNATURE | | P.E. NUMBER | |
| DATE | | DATE | | DATE | |
| INTERSTATE 295 NORTHBOUND S. PORTLAND TO PORTLAND CUMBERLAND COUNTY | | | TRAFFIC CONTROL PLAN WASHINGTON AVE - OPTION 1 | | |
| SHEET NUMBER | | | 45 | | |
| | | | OF 51 | | |

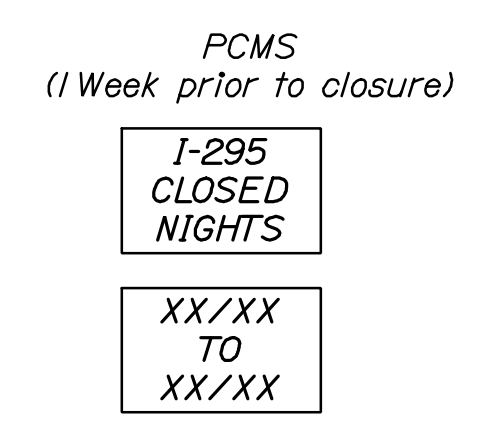
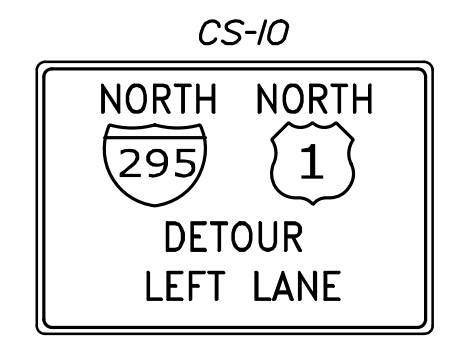
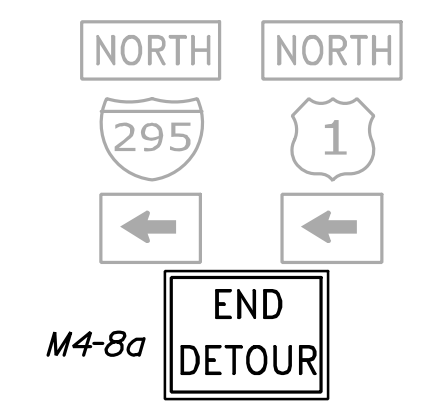
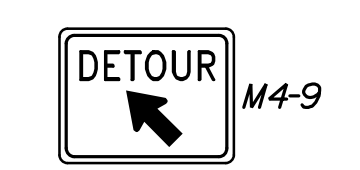
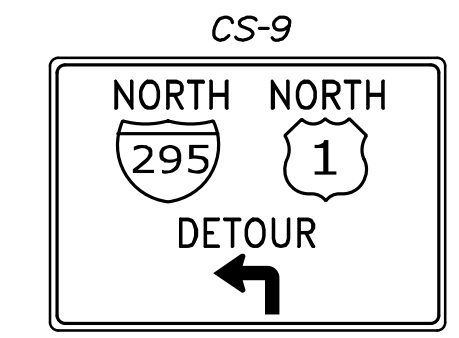
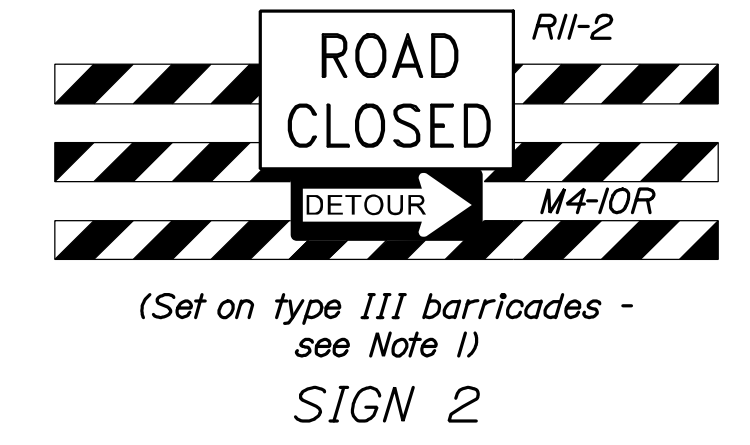
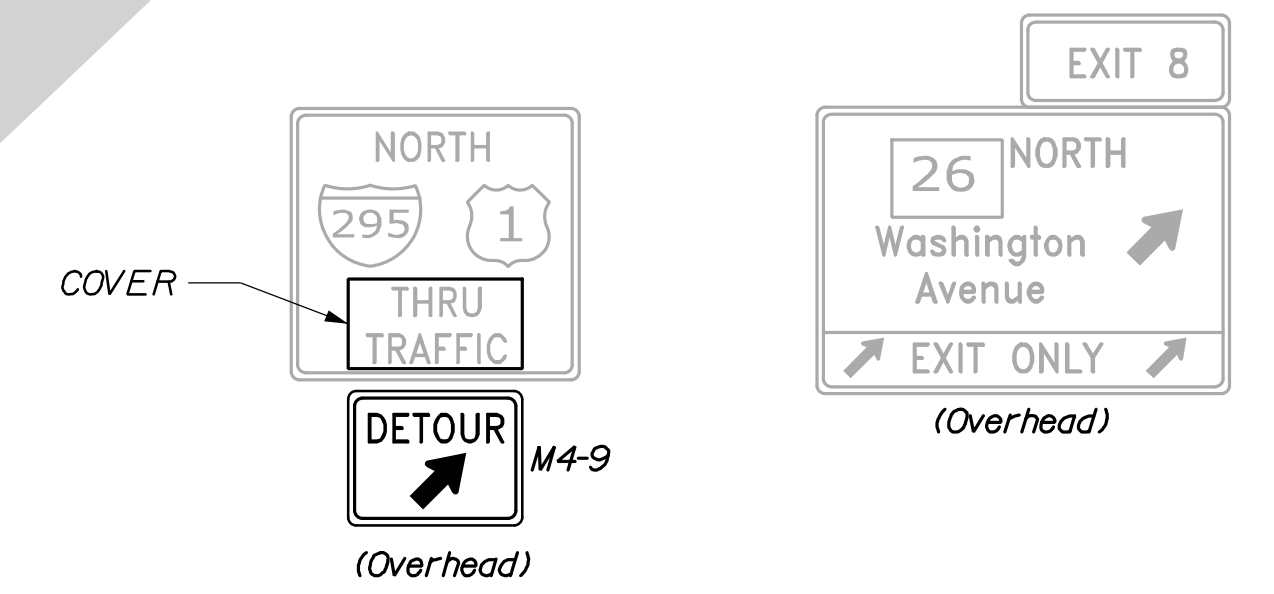


Date: 1/22/2021

Username:

Division:

Filename: 046_Detour_WashingtonAve.dgn



NOTE:

- Type III barricades shall extend across the entire pavement width and spaced at a maximum of 6'.
- This detour is to be used during I-295 Northbound closure for Washington Avenue bridge work Option I.

NOT TO SCALE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
2361502
WIN
023615.02
BRIDGE NO. Varies
BRIDGE PLANS

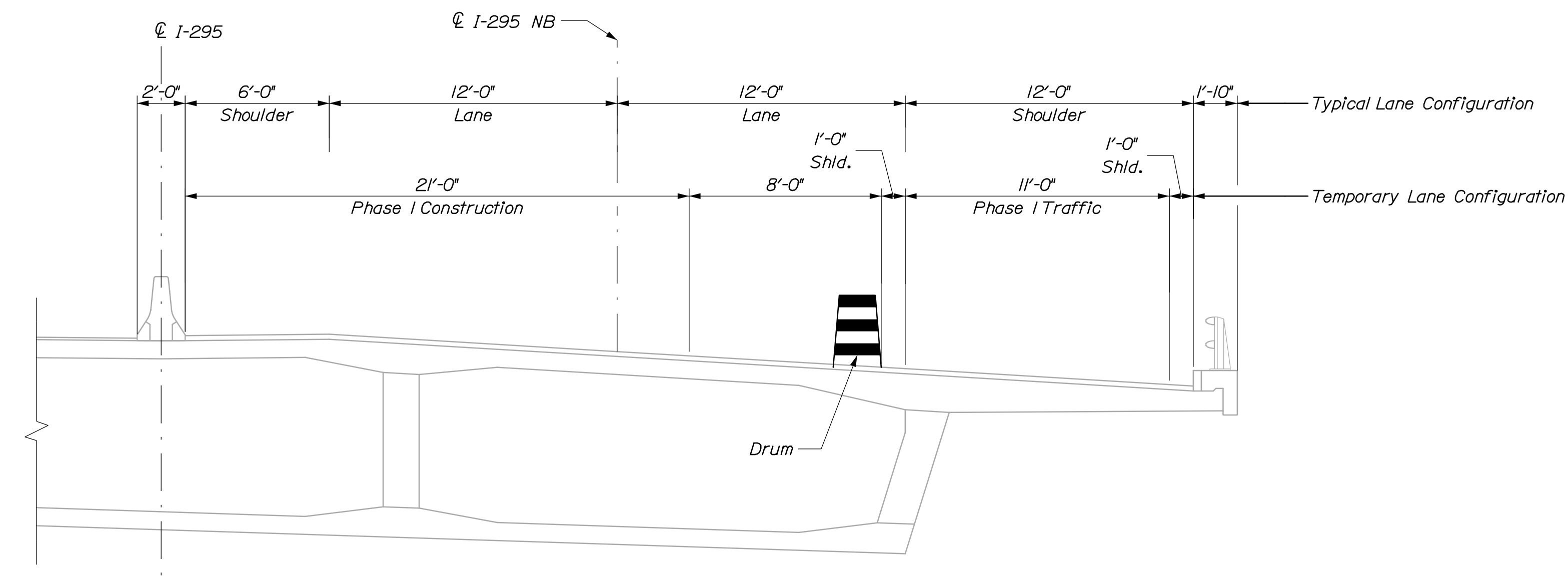
| PROJ. MANAGER | DATE | BY | DATE | SIGNATURE | P.E. NUMBER | DATE |
|----------------|-------|-------------|-------|-----------|-------------|------|
| M. Kerzhnerger | 01/21 | K. Brown | 01/21 | | | |
| A. Sweet | | L. Driscoll | | | | |
| REVISIONS 1 | | | | | | |
| REVISIONS 2 | | | | | | |
| REVISIONS 3 | | | | | | |
| REVISIONS 4 | | | | | | |
| FIELD CHANGES | | | | | | |

| PROJ. MANAGER | DATE | BY | DATE | SIGNATURE | P.E. NUMBER | DATE |
|----------------|-------|-------------|-------|-----------|-------------|------|
| M. Kerzhnerger | 01/21 | K. Brown | 01/21 | | | |
| A. Sweet | | L. Driscoll | | | | |
| REVISIONS 1 | | | | | | |
| REVISIONS 2 | | | | | | |
| REVISIONS 3 | | | | | | |
| REVISIONS 4 | | | | | | |
| FIELD CHANGES | | | | | | |

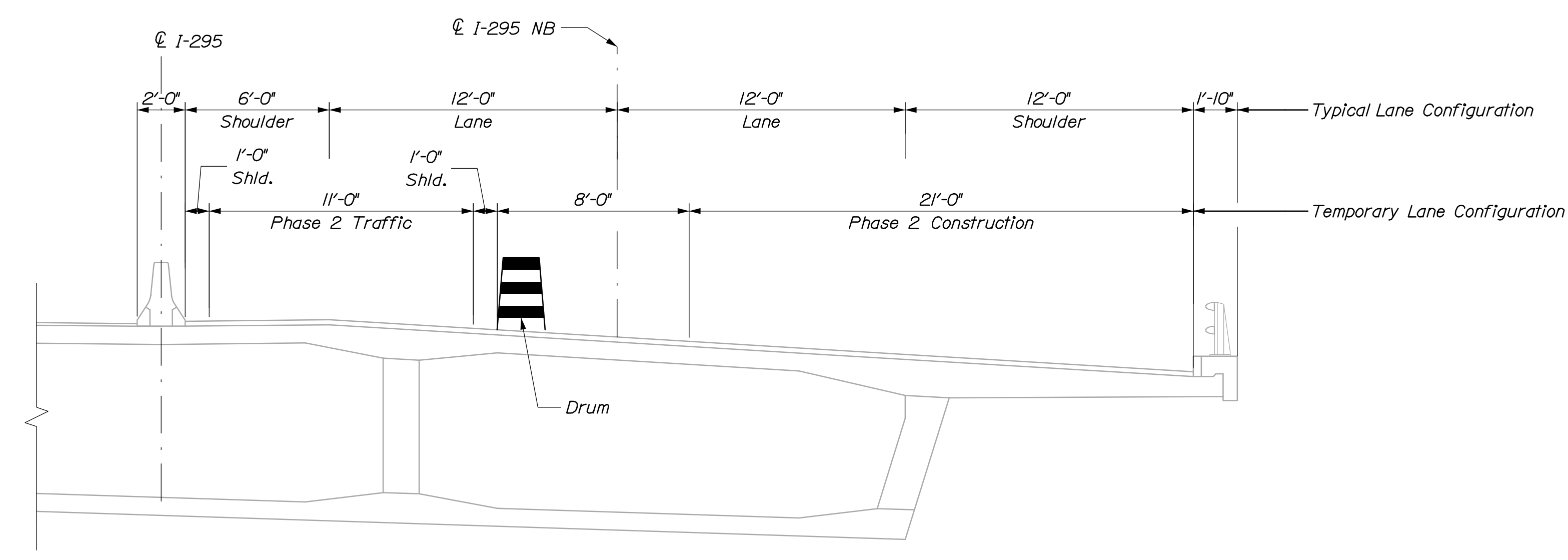
INTERSTATE 295 NORTHBOUND
S. PORTLAND TO PORTLAND
CUMBERLAND COUNTY
I-295 NORTHBOUND
DETOUR PLAN

SHEET NUMBER
46
OF 51





PHASE 1 - OPTION 2
INTERSTATE 295 NORTHBOUND OVER WASHINGTON AVENUE



PHASE 2 - OPTION 2
INTERSTATE 295 NORTHBOUND OVER WASHINGTON AVENUE

NOTES:
1. Sections are shown looking northbound.

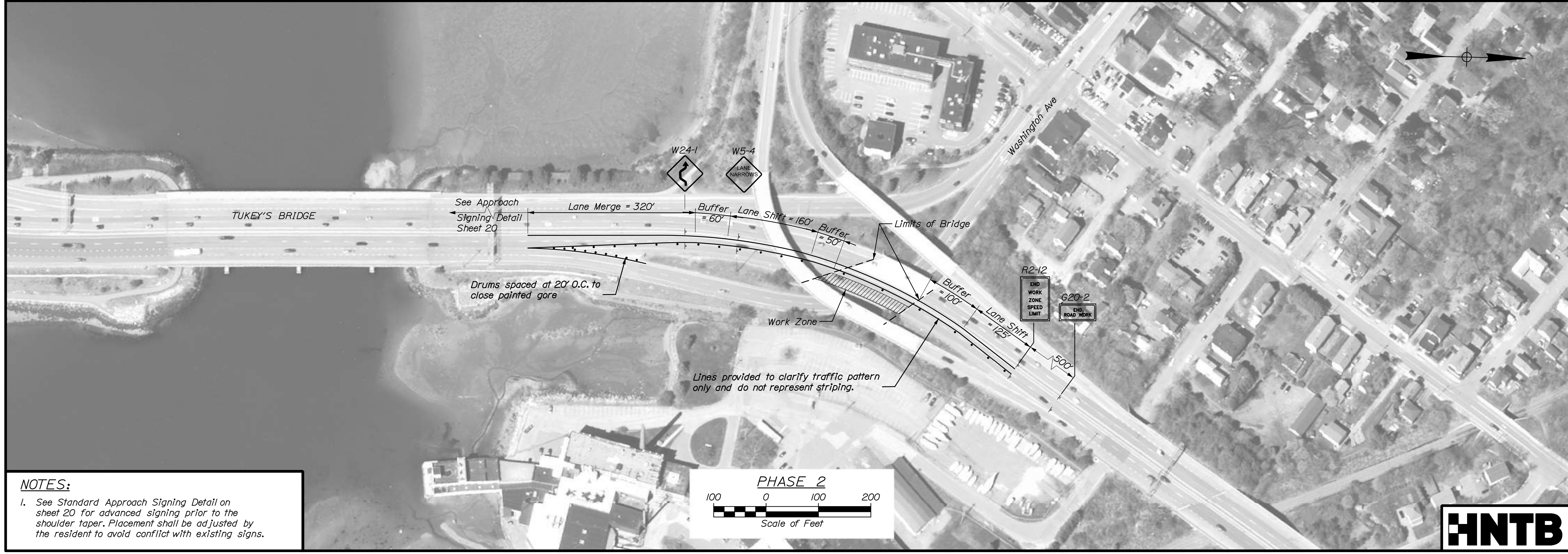
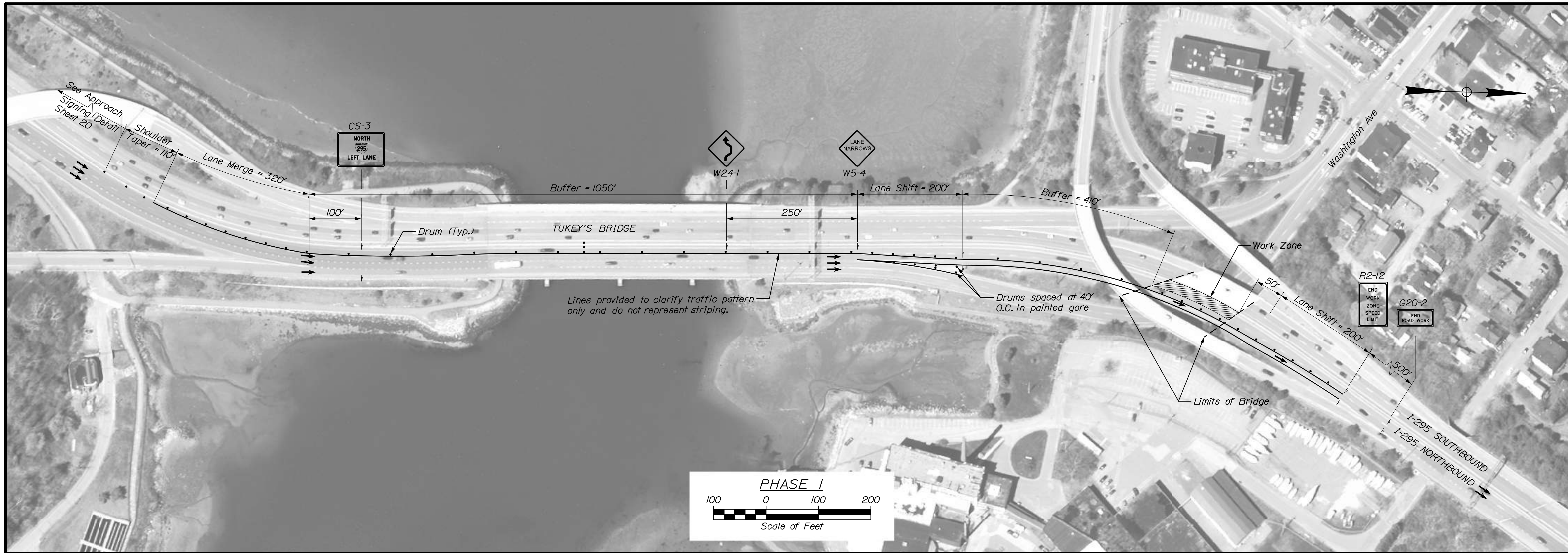
| | | | | | | | |
|---|-----------------|---|----------|------------------|--|--------------|--|
| STATE OF MAINE DEPARTMENT OF TRANSPORTATION | | 2361502 | | WIN 023615.02 | | BRIDGE PLANS | |
| INTERSTATE 295 NORTHBOUND S. PORTLAND TO PORTLAND CUMBERLAND COUNTY | | BRIDGE PHASING WASHINGTON AVE - OPTION 2 | | SHEET NUMBER | | 47 | |
| PROJ. MANAGER | M. Kershner/gen | BY | | DATE | | SIGNATURE | |
| DESIGN/DETAILED | A. Sweet | | A. Sweet | 07/21 | | | |
| CHECKED/REVIEWED | L. Driscoll | | T. Cote | 07/21 | | | |
| DESIGN/DETAILED | | | | | | | |
| DESIGN/DETAILED | | | | | | | |
| REVISIONS | 1 | | | | | P.E. NUMBER | |
| REVISIONS | 2 | | | | | | |
| REVISIONS | 3 | | | | | | |
| REVISIONS | 4 | | | | | | |
| FIELD CHANGES | | | | | | DATE | |



Date: 1/22/2021

Username:

Filename: 048_Washington Ave MOT Detail Option 2.Dgn



NOTES:
1. See Standard Approach Signing Detail on sheet 20 for advanced signing prior to the shoulder taper. Placement shall be adjusted by the resident to avoid conflict with existing signs.

| | | | |
|---|-------------|--|------------|
| STATE OF MAINE DEPARTMENT OF TRANSPORTATION | | 2361502 | |
| INTERSTATE 295 NORTHBOUND S. PORTLAND TO PORTLAND CUMBERLAND COUNTY | | WIN 023615.02 BRIDGE NO. Varies BRIDGE PLANS | |
| PROJ. MANAGER | M. Kersting | BY | E. Raymond |
| DESIGN DETAILED | A. Sweet | DATE | 01/21 |
| CHECKED/REVIEWED | L. Driscoll | DATE | 01/21 |
| DESIGNS DETAILED | - | SIGNATURE | - |
| REVISIONS 1 | - | P.E. NUMBER | - |
| REVISIONS 2 | - | DATE | - |
| REVISIONS 3 | - | - | - |
| REVISIONS 4 | - | - | - |
| FIELD CHANGES | - | - | - |
| TRAFFIC CONTROL PLAN WASHINGTON AVE - OPTION 2 | | SHEET NUMBER 48 OF 51 | |

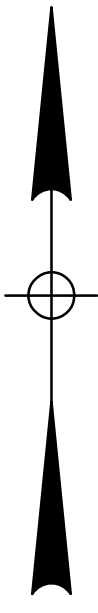


Date: 1/27/2021

Username:

Division:

Filename: 049_LocalSigning.dgn



WIDE LOADS OVER 10'-0"
PROHIBITED
I-295 NB PORTLAND
CS-II

EXIT 5
CLOSED AHEAD
USE EXIT 4
VMS-1



NOTES:

1. All signs on this sheet shall be placed to not conflict with signing shown on Detour Plans.
2. Signs shall be placed prior to work starting and remain in place for the duration of the contract.
3. VMS #1 shall utilize existing VMS located at the Exit 3 NB on ramp.
4. VMS #1 shall only be displayed during the closure of the Exit 5 Collector Distributor Roadway.
5. A Wide Load sign shall be placed on I-95 south of the Exit 44 off ramp.

NOT TO SCALE



| | | | | | |
|---|---------------|--------------------|-------|--------------|-------------|
| STATE OF MAINE DEPARTMENT OF TRANSPORTATION 2361502 | | WIN 023615.02 | | BRIDGE PLANS | |
| INTERSTATE 295 NORTHBOUND S. PORTLAND TO PORTLAND CUMBERLAND COUNTY | | LOCAL SIGNING PLAN | | SHEET NUMBER | |
| 49 | | OF 51 | | | |
| PROJ. MANAGER | M. Kerabirger | BY | DATE | SIGNATURE | P.E. NUMBER |
| DESIGN/DETAILED | A. Sweet | A. Sweet | 07/21 | | |
| CHECKED/REVIEWED | L. Driscoll | T. Cole | 07/21 | | |
| DESIGNS/DETAILED | | | | | |
| REVISIONS 1 | | | | | |
| REVISIONS 2 | | | | | |
| REVISIONS 3 | | | | | |
| REVISIONS 4 | | | | | |
| FIELD CHANGES | | | | | |

CONSTRUCTION SIGN SUMMARY

| IDENTIFICATION NUMBER | SIZE OF SIGN | | TEXT | TEXT DIMENSIONS (INCHES) | | | NUMBER OF SIGNS REQUIRED | COLOR | | BORDER RADIUS | AREA IN SQUARE FEET |
|-----------------------|--------------|--------|------|---|------------------|-----------------|--------------------------|---|---------------|---------------|---------------------|
| | WIDTH | HEIGHT | | LETTER HEIGHT | VERTICAL SPACING | ARROW RTE. MKR. | | BACK-GROUND | LEGEND BORDER | | |
| G20-2 | 48" | 24" | | TEXT DIMENSIONS SHALL CONFORM TO "STANDARD HIGHWAY SIGNS" | | | 12 | COLORS SHALL CONFORM TO STANDARD HIGHWAY SIGN DETAILS | | | 8.00 (96) |
| G20-5aP | 36" | 24" | | | | | 12 | | | | 6.00 (72) |
| M4-8 | 24" | 12" | | | | | 1 | | | | 2.00 (2) |
| M4-8a | 24" | 18" | | | | | 6 | | | | 3.00 (18) |
| M4-9 | 30" | 24" | | | | | 6 | | | | 5.00 (30) |
| M4-9 | 30" | 24" | | | | | 1 | | | | 5.00 (5) |
| M4-9L | 30" | 24" | | | | | 1 | | | | 5.00 (5) |
| M4-9R | 30" | 24" | | | | | 5 | | | | 5.00 (25) |
| M4-10L | 48" | 18" | | | | | 10 | | | | 6.00 (60) |
| M4-10R | 48" | 18" | | | | | 7 | | | | 6.00 (42) |
| RI-2 | 60" | 60" | | | | | 2** | | | | 12.50 (25) |
| R2-1 (40) | 48" | 60" | | | | | 6 | | | | 20.00 (120) |
| R2-1 (45) | 48" | 60" | | | | | 6 | | | | 20.00 (120) |
| R2-6aP | 48" | 36" | | | | | 12 | | | | 12.00 (144) |
| R2-12 | 36" | 54" | | | | | 12 | | | | 13.50 (162) |
| R4-1 | 48" | 60" | | | | | 12 | | | | 20.00 (240) |
| RII-2 | 48" | 30" | | | | | 7 | | | | 10.00 (70) |

| IDENTIFICATION NUMBER | SIZE OF SIGN | | TEXT | TEXT DIMENSIONS (INCHES) | | | NUMBER OF SIGNS REQUIRED | COLOR | | BORDER RADIUS | AREA IN SQUARE FEET |
|-----------------------|--------------|--------|------|---|------------------|-----------------|--------------------------|---|---------------|---------------|---------------------|
| | WIDTH | HEIGHT | | LETTER HEIGHT | VERTICAL SPACING | ARROW RTE. MKR. | | BACK-GROUND | LEGEND BORDER | | |
| WI-4L | 48" | 48" | | TEXT DIMENSIONS SHALL CONFORM TO "STANDARD HIGHWAY SIGNS" | | | 5** | COLORS SHALL CONFORM TO STANDARD HIGHWAY SIGN DETAILS | | | 16.00 (80) |
| WI-4R | 48" | 48" | | 4** | | | | | | | 16.00 (64) |
| W3-2 | 48" | 48" | | | | | 1 | | | | 16.00 (16) |
| W4-1R | 48" | 48" | | | | | 2 | | | | 16.00 (32) |
| W4-2L | 48" | 48" | | | | | 10 | | | | 16.00 (160) |
| W4-2R | 48" | 48" | | 10** | | | | | | | 16.00 (160) |
| W4-3L | 48" | 48" | | | | | 1 | | | | 16.00 (16) |
| W4-3R | 48" | 48" | | 5** | | | | | | | 16.00 (80) |
| W5-4 | 48" | 48" | | | | | 4 | | | | 16.00 (64) |
| W5-4 (MODIFIED) | 48" | 48" | | | | | 12 | | | | 16.00 (192) |
| W9-1* | 48" | 48" | | | | | 2 | | | | 16.00 (32) |
| W9-2L | 48" | 48" | | | | | 8** | | | | 16.00 (128) |
| W9-2R | 48" | 48" | | 12 | | | | | | | 16.00 (192) |
| WI2-1* | 48" | 48" | | | | | 1 | | | | 16.00 (16) |

* Sign only required for alternative MOT layout.
 ** Quantity includes any additional signs necessary for alternative MOT layouts.

Date: 1/22/2021

Username:

Division:

Filename: 050_Sign Summary 01.dgn

| | | | | | | | | | | | |
|---------------------------|--|------------------------------|--|-------------------|--|--------------|--|---------------|--|--------------|--|
| STATE OF MAINE | | DEPARTMENT OF TRANSPORTATION | | 2361502 | | WIN | | 023615.02 | | BRIDGE PLANS | |
| INTERSTATE 295 NORTHBOUND | | S. PORTLAND TO PORTLAND | | CUMBERLAND COUNTY | | SIGN SUMMARY | | SHEET NUMBER | | 50 | |
| PROJ. MANAGER | | M. Kersbringer | | BY | | E. Raymond | | DATE | | 07/21 | |
| DESIGN-DETAILED | | A. Sweet | | CHECKED-REVIEWED | | L. Driscoll | | DATE | | 07/21 | |
| DESIGN-DETAILED | | L. Driscoll | | SIGNATURE | | | | P.E. NUMBER | | | |
| REVISIONS 1 | | | | DATE | | | | FIELD CHANGES | | | |
| REVISIONS 2 | | | | | | | | | | | |
| REVISIONS 3 | | | | | | | | | | | |
| REVISIONS 4 | | | | | | | | | | | |



CONSTRUCTION SIGN SUMMARY

| IDENTIFICATION NUMBER | SIZE OF SIGN | | TEXT | TEXT DIMENSIONS (INCHES) | | | NUMBER OF SIGNS REQUIRED | COLOR | | BORDER RADIUS | AREA IN SQUARE FEET |
|-----------------------|--------------|--------|------|---|------------------|-----------------|--------------------------|---|---------------|---------------|---------------------|
| | WIDTH | HEIGHT | | LETTER HEIGHT | VERTICAL SPACING | ARROW RTE. MKR. | | BACK-GROUND | LEGEND BORDER | | |
| W19-5 | 90" | 48" | | TEXT DIMENSIONS SHALL CONFORM TO "STANDARD HIGHWAY SIGNS" | | | 2 | COLORS SHALL CONFORM TO STANDARD HIGHWAY SIGN DETAILS | | | 30.00 (60) |
| W20-1 (1 Mile) | 48" | 48" | | | | | 12 | | | | 16.00 (192) |
| W20-1 (Ahead) | 48" | 48" | | 6** | | | | | | | 16.00 (96) |
| W20-5R (1/2 Mile) | 48" | 48" | | | | | 8** | | | | 16.00 (128) |
| W20-5L (1/2 Mile) | 48" | 48" | | 12** | | | | | | | 16.00 (192) |
| W24-1L | 48" | 48" | | | | | 5** | | | | 16.00 (80) |
| W24-1R | 48" | 48" | | 5** | | | | | | | 16.00 (80) |
| W24-1aL | 48" | 48" | | | | | 4** | | | | 16.00 (64) |
| W24-1aR | 48" | 48" | | 2 | | | | | | | 16.00 (32) |
| W24-1bL | 48" | 48" | | | | | 4** | | | | 16.00 (64) |
| W24-1bR* | 48" | 48" | | 2 | | | | | | | 16.00 (32) |
| CS-1* | 48" | 48" | | SEE SPECIAL PROVISION 652 FOR TEXT DIMENSIONS | | | 1 | ORANGE | BLACK | | 16.00 (16) |
| CS-2 | 102" | 48" | | | | | 3 | ORANGE | BLACK | | 34.00 (102) |
| CS-3* | 54" | 48" | | | | | 2 | ORANGE | BLACK | | 18.00 (36) |
| CS-4 | 48" | 30" | | | | | 7 | WHITE | BLACK | | 10.00 (70) |

* Sign only required for alternative MOT layout.
 ** Quantity includes any additional signs necessary for alternative MOT layouts.

| IDENTIFICATION NUMBER | SIZE OF SIGN | | TEXT | TEXT DIMENSIONS (INCHES) | | | NUMBER OF SIGNS REQUIRED | COLOR | | BORDER RADIUS | AREA IN SQUARE FEET |
|-----------------------|--------------|--------|------|---|------------------|-----------------|--------------------------|-------------|---------------|---------------|---------------------|
| | WIDTH | HEIGHT | | LETTER HEIGHT | VERTICAL SPACING | ARROW RTE. MKR. | | BACK-GROUND | LEGEND BORDER | | |
| CS-5 | 42" | 66" | | SEE SPECIAL PROVISION 652 FOR TEXT DIMENSIONS | | | 1 | ORANGE | BLACK | | 19.25 (19.25) |
| CS-6 | 72" | 60" | | | | | 5 | ORANGE | BLACK | | 30.00 (150) |
| CS-7 | 72" | 60" | | | | | 3 | ORANGE | BLACK | | 30.00 (90) |
| CS-8 | 72" | 60" | | | | | 1 | ORANGE | BLACK | | 30.00 (30) |
| CS-9 | 72" | 60" | | | | | 1 | ORANGE | BLACK | | 30.00 (30) |
| CS-10 | 72" | 60" | | | | | 1 | ORANGE | BLACK | | 30.00 (30) |
| CS-11 | 108" | 36" | | | | | 8 | WHITE | BLACK | | 27.00 (216) |
| CS-12 | 72" | 60" | | | | | 1 | ORANGE | BLACK | | 30.00 (30) |
| CS-13 | 72" | 60" | | | | | 2 | ORANGE | BLACK | | 30.00 (60) |
| CS-14 | 72" | 60" | | | | | 1 | ORANGE | BLACK | | 30.00 (30) |

Date: 1/27/2021

Username:

Division:

Filename: 051_Sign Summary 02.dgn

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 2361502
 WIN 023615.02
 BRIDGE NO. VARIES
 BRIDGE PLANS

PROJ. MANAGER: M. Kersbringer
 DESIGN-DETAILED: A. Sweet
 CHECKED-REVIEWED: E. Raymond
 DESIGNS-DETAILED: L. Driscoll
 DESIGNS-DETAILED: T. Cote
 SIGNATURE: _____
 P.E. NUMBER: _____
 DATE: _____

INTERSTATE 295 NORTHBOUND
 S. PORTLAND TO PORTLAND
 CUMBERLAND COUNTY
 SIGN SUMMARY

SHEET NUMBER
 51
 OF 51

