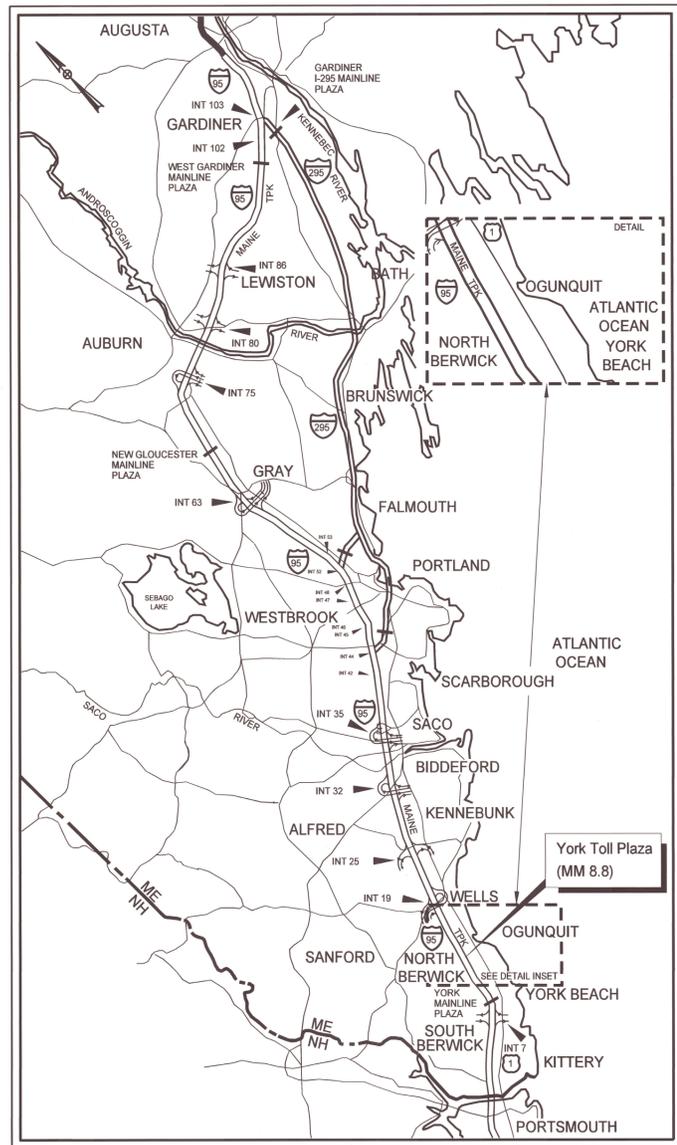


Date: 7/30/2018

Filename: ... \d0259637\001\_L Title\_01.dgn



LOCATION MAP



THE GOLD STAR MEMORIAL HIGHWAY

# MAINE TURNPIKE AUTHORITY

DANIEL E. WATHEN, CHAIR  
 ROBERT D. STONE, VICE CHAIR  
 MICHAEL J. CIANCHETTE, MEMBER  
 JOHN E. DORITY, MEMBER  
 ANN R. ROBINSON, MEMBER  
 THOMAS J. ZUKE, MEMBER  
 KAREN S. DOYLE, MEMBER EX-OFFICIO

S. PETER MILLS, EXECUTIVE DIRECTOR

## YORK TOLL PLAZA MM 7.9 to MM 9.6 CONTRACT 2018.20

### VOLUME 1 OF 3

| INDEX OF SHEETS           |  |           |
|---------------------------|--|-----------|
| VOLUME 1<br>HIGHWAY       |  |           |
| SHEET NO.                 | DESCRIPTION                                | SHEET NO. |
| 1                         | TITLE SHEET                                | 294-354   |
| 2                         | LEGEND                                     |           |
| 3-4                       | ESTIMATED QUANTITIES AND EARTHWORK SUMMARY |           |
| 5-6                       | GENERAL NOTES                              |           |
| 7-19                      | TYPICAL SECTIONS AND PAVEMENT DETAILS      |           |
| 20-23                     | DRAINAGE SUMMARY SHEETS                    |           |
| 24-34                     | BARRIER DETAILS                            |           |
| 35-38                     | DRAINAGE DETAILS                           |           |
| 39                        | EROSION CONTROL DETAILS                    |           |
| 40-41                     | MISCELLANEOUS DETAILS                      |           |
| 42                        | RUMBLE STRIP DETAILS                       |           |
| 43-44                     | LIMITS OF DISTURBANCE PLANS                |           |
| 45-47                     | CONSTRUCTION STAGING                       |           |
| 48-75                     | MAINTENANCE OF TRAFFIC                     |           |
| 76-91                     | MOT CRITICAL SECTIONS AND DETAILS          |           |
| 92-93                     | CONSTRUCTION SIGN SUMMARY                  |           |
| 94-111                    | GENERAL PLANS                              |           |
| 112-116                   | SITE PLANS                                 |           |
| 117-121                   | STORMWATER TREATMENT PLAN                  |           |
| 122-151                   | SIGNING AND STRIPING PLANS                 |           |
| 152-166                   | LIGHTING PLANS                             |           |
| VOLUME 2<br>HIGHWAY       |  |           |
| SHEET NO.                 | DESCRIPTION                                | SHEET NO. |
| 167-198                   | PROFILES                                   |           |
| 199-293                   | CROSS SECTIONS                             |           |
| VOLUME 3<br>STRUCTURAL    |  |           |
| SHEET NO.                 | DESCRIPTION                                | SHEET NO. |
|                           | STRUCTURAL PLANS                           |           |
| MECHANICAL AND ELECTRICAL |  |           |
| SHEET NO.                 | DESCRIPTION                                | SHEET NO. |
| 355-374                   | ELECTRICAL PLANS                           |           |
| 375-390                   | PLUMBING AND FIRE PROTECTION PLANS         |           |
| 391-420                   | MECHANICAL PLANS                           |           |
| 421-450                   | TOLLING SYSTEMS PLANS                      |           |
| 451-461                   | SECURITY AND COMMUNICATION PLANS           |           |
| UTILITIES                 |  |           |
| SHEET NO.                 | DESCRIPTION                                | SHEET NO. |
| 462-464                   | UTILITY PLANS                              |           |
| 465-467                   | UTILITY DETAILS                            |           |
| ARCHITECTURAL             |  |           |
| SHEET NO.                 | DESCRIPTION                                | SHEET NO. |
| 468-473                   | PLAZA PLANS                                |           |
| 474-489                   | ADMINISTRATION BUILDING PLANS              |           |

**JACOBS**  
 SHEETS 1 TO 19  
 SHEETS 24 TO 34  
 SHEETS 42

*Robert R. Prud'homme*

Robert R. Prud'homme, P.E.



7/27/2018 DATE

**JACOBS**  
 SHEETS 294 TO 295  
 SHEETS 310 TO 354

*Darren W. Conboy*

Darren W. Conboy, P.E.



7/27/2018 DATE

**JACOBS**  
 SHEETS 296 TO 309

*Michael Stanley Deutscher*

Michael Stanley Deutscher, P.E.



7/27/2018 DATE

**JACOBS**  
 SHEETS 355 TO 374  
 SHEETS 451 TO 461

*Ryan B. Beikes*

Ryan B. Beikes, P.E.



7/27/2018 DATE

**JACOBS**  
 SHEETS 375 TO 420

*Paul T. Tsang*

Paul T. Tsang, P.E.



7/27/2018 DATE

**JACOBS**  
 SHEETS 468 TO 473

*David Choi*

David Choi, R.A.



7/27/2018 DATE

APPROVED: MAINE TURNPIKE AUTHORITY

*Stephen R. Tartre*  
 STEPHEN R. TARTRE, P.E., - DIRECTOR OF ENGINEERING & BUILDING MAINTENANCE  
 8/1/18 DATE

*William H. Yates III*  
 WILLIAM H. YATES III, - DIRECTOR OF INFORMATION SERVICES AND COMMUNICATIONS  
 8/1/18 DATE

**SEBAGO**  
 TECHNICS

CIVIL ENGINEERING • SURVEYING • LANDSCAPE ARCHITECTURE  
 SHEETS 20 TO 23  
 SHEETS 26 TO 41  
 SHEETS 43 TO 44

*Daniel L. Riley*

Daniel L. Riley, P.E.



7/27/2018 DATE

**Grant Hays Associates, Inc**  
 ARCHITECTURE & INTERIOR DESIGN  
 P.O. BOX 6179 FALMOUTH MAINE 04105 207.871.5900

SHEETS 474 TO 489

*Michael F. Hays*

Michael F. Hays, R.A. - Principal



7/27/2018 DATE

**HNTB**

SHEETS 421 TO 450

*Roland A. Lavallee*

Roland A. Lavallee, P.E., P.L.S. - Vice President  
Director of Operations



7/27/2018 DATE

CONTRACT 2018.20

Date: 8/30/2018

Filename: ... \00259637\002\_ Legend\_01.dgn

**GENERAL**

|                               | EXISTING | PROPOSED |
|-------------------------------|----------|----------|
| EDGE OF TRAVELED WAY          |          |          |
| EDGE OF PAVEMENT              |          |          |
| CURB: VERTICAL GRANITE        |          |          |
| FENCE: BARBED WIRE            |          |          |
| FENCE: CHAIN LINK             |          |          |
| FENCE: WOVEN WIRE             |          |          |
| FENCE: POST & RAIL            |          |          |
| GUARD RAIL: SINGLE RAIL       |          |          |
| GUARD RAIL: DOUBLE RAIL       |          |          |
| WALL: STONE                   |          |          |
| WALL: MORTARED STONE          |          |          |
| WALL: RETAINING OR FOUNDATION |          |          |
| FIRE HYDRANT                  |          |          |
| FLAG POLE                     |          |          |
| MAIL BOX                      |          |          |
| SIGNS                         |          |          |
| BUSH OR SHRUB                 |          |          |
| BUSH LINE                     |          |          |
| HEDGE ROW                     |          |          |
| TREE: CONIFEROUS              |          |          |
| TREE: DECIDUOUS               |          |          |
| TREE LINE                     |          |          |
| RIPRAP                        |          |          |
| RIVER, POND, LAKE, STREAM     |          |          |
| WETLAND                       |          |          |

**BOUNDARIES/RIGHT OF WAY**

|                     | EXISTING | PROPOSED |
|---------------------|----------|----------|
| TOWN BOUNDARY       |          |          |
| RIGHT-OF-WAY LINE   |          |          |
| PROPERTY LINE       |          |          |
| GRADING LIMIT LINE  |          |          |
| PROJECT MARKER      | PCM      |          |
| SURVEY MARKER       | SBM      |          |
| RIGHT-OF-WAY MARKER |          |          |
| IRON PIPE (PIN)     | ● IPF    |          |

**UTILITIES**

|                                   | EXISTING                         | PROPOSED |
|-----------------------------------|----------------------------------|----------|
| WATER MAIN                        |                                  |          |
| UNDERGROUND ELECTRIC              |                                  |          |
| UNDERGROUND TELEPHONE             |                                  |          |
| UNDERGROUND FIBER OPTIC           |                                  |          |
| ITS CAMERA                        |                                  |          |
| ELECTRICAL MANHOLE                |                                  |          |
| HAND HOLE                         |                                  |          |
| TELEPHONE MANHOLE                 |                                  |          |
| VALVE BOX, WATER OR GAS           |                                  |          |
| SERVICE BOX, WATER OR GAS         |                                  |          |
| UTILITY POLE (ELEC., TELE., JNT.) | φ J <sup>28</sup> <sub>346</sub> |          |
| WITH GUY WIRE & ANCHOR            |                                  |          |
| WITH BRACE (PUSH) POLE            |                                  |          |
| WITH LIGHT                        |                                  |          |
| LIGHT POLE                        |                                  |          |

**ENGINEERING**

|                       | EXISTING | PROPOSED |
|-----------------------|----------|----------|
| CONSTRUCTION BASELINE |          |          |
| TRAVERSE LINE         |          |          |
| CUT LINE              |          |          |
| FILL LINE             |          |          |

**DRAINAGE/EROSION**

|               | EXISTING | PROPOSED |
|---------------|----------|----------|
| DITCH         |          |          |
| CROSS CULVERT |          |          |
| BOX CULVERT   |          |          |
| MULTIPLATE    |          |          |
| UNDERDRAIN    |          |          |
| MANHOLE       |          |          |
| CATCH BASIN   |          |          |
| DROP INLET    |          |          |
| SILT FENCE    |          |          |

Scale:

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date | By           | Date |      |
|----------|-----|------|--------------|------|------|
| Designed | CSM | 7\18 | Checked      | CSM  | 7\18 |
| Drawn    | SMG | 7\18 | In Charge of | TWM  | 7\18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA. 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824



**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

SYMBOLGY LEGEND 1

SHEET NUMBER: LEG-01

CONTRACT: 2018.20

2 OF 489

Date: 9/4/2018

Filename: ... \00259637.003\_Estimate\_01.dgn

| Item No. | Item Description  | Unit | Quantity |
|----------|---|------|----------|
| 201.11   | Clearing  | AC   | 17       |
| 202.15   | Removing Existing Manhole or Catch Basin                                      | EA   | 22       |
| 202.151  | Abandoning Existing Manhole or Catch Basin                                    | EA   | 10       |
| 202.16   | Removing Existing Pipe  | LF   | 575      |
| 202.161  | Abandoning Existing Pipe  | LF   | 680      |
| 202.202  | Removing Pavement Surface   | SY   | 88,000   |
| 202.205  | Rumble Strips - Shoulder  | LF   | 35,500   |
| 202.206  | Removing Rumble Strips  | LF   | 6,100    |
| 202.60   | Abandon Monitoring Well   | EA   | 2        |
| 203.20   | Common Excavation   | CY   | 128,500  |
| 203.21   | Rock Excavation   | CY   | 47,300   |
| 203.213  | Shatter Solid Rock Subgrade   | SY   | 5,700    |
| 203.24   | Common Borrow   | CY   | 43,400   |
| 203.245  | Clay Borrow   | CY   | 55       |
| 203.25   | Granular Borrow   | CY   | 7,400    |
| 203.35   | Crushed Stone Fill 3/4-Inch   | CY   | 550      |
| 205.51   | Widening of Existing Shoulder, Plan Quantity                                  | SY   | 315      |
| 206.07   | Structural Rock Excavation - Drainage & Minor Structures                      | CY   | 3,200    |
| 206.082  | Structural Earth Excavation - Major Structures, Plan Quantity                 | CY   | 2,450    |
| 206.092  | Structural Rock Excavation - Major Structures                                 | CY   | 1,980    |
| 304.10   | Aggr Subbase Course - Gravel  | CY   | 115,500  |
| 304.14   | Aggregate Base Course - Type A  | CY   | 26,170   |
| 304.15   | Aggregate Base Course - Type B  | CY   | 200      |
| 403.207  | Hot Mix Asphalt 19.0 mm Nominal Maximum Size                                  | T    | 39,750   |
| 403.208  | Hot Mix Asphalt 12.5 mm HMA Surface   | T    | 550      |
| 403.2081 | Hot Mix Asphalt - 12.5 mm Nominal Maximum Size (Polymer Modified)             | T    | 14,300   |
| 403.209  | Hot Mix Asphalt 9.5 mm (Incidentals)  | T    | 50       |
| 403.211  | Hot Mix Asphalt (Shim)  | T    | 11,500   |
| 403.213  | Hot Mix Asphalt 12.5 mm Base  | T    | 14,240   |
| 409.15   | Bituminous Tack Coat - Applied  | G    | 17,675   |
| 419.30   | Saw Cutting Bituminous Pavement   | LF   | 3,600    |
| 502.231  | Structural Concrete, Space Frame and Overhead Sign Structure Pedestals        | CY   | 155      |
| 502.233  | Structural Concrete, Canopy Column Foundations                                | CY   | 55       |
| 502.265  | Structural Concrete, ORT Slabs  | CY   | 300      |
| 502.266  | Structural Concrete, Plaza Structural Slabs                                   | CY   | 470      |
| 502.267  | Structural Concrete, Toll Islands   | CY   | 290      |
| 502.268  | Structural Concrete, Utility Pits   | CY   | 60       |
| 502.269  | Structural Concrete, CCTV Pole Foundations                                    | CY   | 14       |
| 502.28   | Structural Concrete, Rigid Frame Structures [Tunnel]                          | CY   | 170      |
| 503.14   | Epoxy-Coated Reinforcing Steel, Fabricated and Delivered                      | LB   | 136,500  |
| 503.15   | Epoxy-Coated Reinforcing Steel, Placing                                       | LB   | 136,500  |
| 503.18   | Glass Fiber Reinforced Polymer (GFRP) Reinforcing Bars, Fabricated and Deliv. | LB   | 48,000   |
| 503.19   | Glass Fiber Reinforced Polymer (GFRP) Reinforcing Bars, Placing               | LB   | 48,000   |
| 503.90   | Synthetic Fiber Reinforcement   | LB   | 2,100    |
| 504.80   | Space Frame Canopies, Fabricated and Delivered                                | LS   | 1        |
| 504.81   | Space Frame Canopies, Erection  | LS   | 1        |
| 504.90   | Space Frame Steel Support Posts and Anchorage Assemblies                      | LS   | 1        |
| 504.91   | Mounting Bracket Assemblies   | LS   | 1        |
| 506.15   | Shop Coating of New Steel   | LS   | 1        |
| 506.9103 | Galvanizing   | LS   | 1        |
| 508.14   | High Performance Waterproofing Membrane                                       | SY   | 1,670    |
| 508.15   | Membrane Waterproofing  | LS   | 1        |
| 511.091  | Temporary Earth Support Systems   | LS   | 1        |
| 515.2011 | Pigmented Concrete Protective Coating - Tunnel Walls & Ceiling                | SY   | 1,330    |
| 515.2012 | Pigmented Concrete Protective Coating - Tunnel Floor                          | SY   | 455      |
| 515.202  | Clear Protective Coating for Concrete Surfaces                                | SY   | 1,400    |
| 515.23   | Epoxy Overlay   | SY   | 250      |
| 526.306  | Temporary Concrete Barrier Type I - Supplied by the Authority                 | LS   | 1        |
| 526.351  | Median Barrier Type I - Precast   | LF   | 7,000    |
| 526.3511 | Median Barrier Type IA - Precast  | LF   | 1,800    |
| 526.3512 | Median Barrier Type IB - Precast  | LF   | 870      |
| 526.352  | Median Barrier Type II - Precast  | LF   | 240      |
| 526.3522 | Median Barrier Type II - Cast in Place  | LF   | 140      |

| Item No. | Item Description  | Unit | Quantity |
|----------|---|------|----------|
| 526.3531 | Median Barrier Type IIIA - Precast                            | LF   | 180      |
| 526.3532 | Median Barrier Type IIIB - Precast                            | LF   | 180      |
| 526.361  | Median Barrier Transition Type I - Precast                    | EA   | 4        |
| 526.3611 | Median Barrier Transition Type IA - Precast                   | EA   | 2        |
| 526.3612 | Median Barrier Transition Type IB - Precast                   | EA   | 2        |
| 526.3613 | Median Barrier Transition Type LP-A                           | EA   | 8        |
| 526.3614 | Median Barrier Transition Type LP-B                           | EA   | 10       |
| 526.362  | Median Barrier Transition Type II - Precast                   | EA   | 16       |
| 526.371  | Median Barrier With Mounted Light Pole Type LP-A              | EA   | 4        |
| 526.372  | Median Barrier With Mounted Light Pole Type LP-B              | EA   | 5        |
| 527.306  | Center Barrier Crash Attenuator                               | EA   | 2        |
| 527.341  | Work Zone Crash Cushions - TL-3                               | UNIT | 5        |
| 534.71   | Precast Concrete Tunnel and Tunnel Staircase Structures       | LS   | 1        |
| 603.155  | 12 Inch Reinforced Concrete Pipe Class III                    | LF   | 420      |
| 603.159  | 12 Inch Culvert Pipe Option III                               | LF   | 250      |
| 603.165  | 15 Inch Reinforced Concrete Pipe Class III                    | LF   | 2,375    |
| 603.169  | 15 Inch Culvert Pipe Option III                               | LF   | 450      |
| 603.175  | 18 Inch Reinforced Concrete Class III                         | LF   | 940      |
| 603.179  | 18 Inch Culvert Pipe Option III                               | LF   | 100      |
| 604.199  | 24 Inch Culvert Pipe Option III                               | LF   | 25       |
| 603.205  | 30 Inch Reinforced Concrete Class III                         | LF   | 64       |
| 603.215  | 36 Inch Reinforced Concrete Class III                         | LF   | 64       |
| 603.2353 | 48 Inch Reinforced Concrete Class V                           | LF   | 200      |
| 603.28   | Concrete Collar for Reinforced Concrete Pipe                  | EA   | 10       |
| 603.90   | 12 Inch Ductile Iron Storm Drain                              | LF   | 90       |
| 604.09   | Catch Basin Type B1   | EA   | 24       |
| 604.0901 | Catch Basin Type B1 with Flat Top                             | EA   | 48       |
| 604.152  | 48 Inch Manhole   | EA   | 7        |
| 604.1542 | 72 Inch Outlet Control Structure                              | EA   | 5        |
| 604.1561 | 96 Inch Doghouse Manhole                                      | EA   | 1        |
| 604.1581 | Inlet Control Structure                                       | EA   | 1        |
| 604.26   | Catch Basin Type B5   | EA   | 13       |
| 605.09   | 6 Inch Underdrain Type B                                      | LF   | 1,450    |
| 605.105  | 8 Inch Underdrain Outlet                                      | LF   | 350      |
| 605.11   | 12 Inch Underdrain Type C                                     | LF   | 1,700    |
| 606.13   | 31" W-Beam Guardrail - Mid-way Splice                         | LF   | 5,050    |
| 606.1724 | Guardrail Transition - Type 3                                 | EA   | 2        |
| 606.278  | Terminal End - Anchored End                                   | EA   | 11       |
| 606.279  | Terminal End - Anchored End, Thrie Beam                       | EA   | 2        |
| 605.352  | Reflectorized Beam Guardrail Delineator                       | EA   | 9        |
| 606.353  | Reflectorized Flexible Guardrail Marker                       | EA   | 32       |
| 606.356  | Underdrain Delineator Post                                    | EA   | 189      |
| 606.3562 | Delineator Post - Remove and Stack                            | EA   | 119      |
| 606.3605 | Guardrail - Remove, Modify, and Reset, Single Rail            | LF   | 25       |
| 606.3610 | Guardrail - Remove, Modify, and Reset Thrie Beam, Single Rail | LF   | 175      |
| 606.3611 | Guardrail - Remove, Modify, and Reset Thrie Beam, Double Rail | LF   | 700      |
| 606.3631 | Guardrail - Remove and Stack or Dispose                       | LF   | 10,050   |
| 606.48   | Single Galvanized Steel Post                                  | LF   | 20       |
| 606.64   | Guardrail - Thrie Beam - Double Rail                          | LF   | 125      |
| 606.65   | Gr - Thrie Beam - Sgl Rail                                    | LF   | 550      |
| 606.754  | Widen Shoulder for Energy Absorbing End Terminal              | EA   | 12       |
| 606.791  | Guardrail - Flared Terminal - 31" W-Beam Guardrail            | EA   | 13       |
| 607.093  | Right of Way Fencing with Habitat Barrier Fence, Metal Posts  | LF   | 15,000   |
| 607.2325 | Pipe Entry Gate   | EA   | 1        |
| 607.4    | Chain Link Fence - 3' High                                    | LF   | 480      |
| 607.41   | Post Assembly for Sign or Chain Link Fence                    | EA   | 67       |
| 607.4211 | Dumpster Enclosure  | LS   | 1        |
| 608.08   | Reinforced Concrete Sidewalk/Site Concrete Slabs              | SY   | 340      |
| 608.26   | Curb Ramp Detectable Warning Field                            | SF   | 75       |
| 609.11   | Vertical Curb Type 1  | LF   | 1,700    |
| 609.12   | Vertical Curb Type 1 - Circular                               | LF   | 350      |
| 609.238  | Terminal Curb Type 1 - 8'                                     | EA   | 8        |
| 610.07   | Stone Fill  | CY   | 420      |

| Item No. | Item Description  | Unit | Quantity |
|----------|---|------|----------|
| 610.08   | Plain Riprap  | CY   | 250      |
| 610.181  | Temporary Stone Check Dam                                       | CY   | 400      |
| 610.182  | Permanent Stone Check Dam                                       | CY   | 80       |
| 613.319  | Erosion Control Blanket   | SY   | 40,000   |
| 615.07   | Loam  | CY   | 14,050   |
| 618.13   | Seeding Method Number 1   | UN   | 850      |
| 618.141  | Seeding Method Number 3   | UN   | 200      |
| 619.1201 | Mulch   | UN   | 950      |
| 619.1202 | Temporary Mulch   | LS   | 1        |
| 619.13   | Bark Mulch  | CY   | 60       |
| 620.56   | Drainage Geotextile   | SY   | 350      |
| 620.58   | Erosion Control Geotextile                                      | SY   | 14,400   |
| 621.037  | Evergreen Tree (5'-6') Group GP A                               | EA   | 8        |
| 621.291  | Large Deciduous Tree (4" Cal) GP A                              | EA   | 1        |
| 621.535  | Deciduous Shrub (No. 3 Cont) GP A                               | EA   | 25       |
| 625.086  | 2 Inch Copper Tubing  | LF   | 20       |
| 625.145  | 8 Inch Non-Metallic Pipe Sleeve                                 | LF   | 360      |
| 625.16   | 2 Inch Non-Metallic Pipe  | LF   | 780      |
| 626.111  | Barrier Junction Box  | EA   | 13       |
| 626.113  | 4'x4' Splice Box  | EA   | 12       |
| 626.12   | Quazite Junction Box (36x24)                                    | EA   | 81       |
| 626.13   | Primary Electric Manholes (CMP)                                 | EA   | 6        |
| 626.22   | Non-Metallic Conduit  | LF   | 22,755   |
| 626.2214 | 4" Non-Metallic Conduit, Concrete Encased                       | LF   | 6,500    |
| 626.2215 | 5" Non-Metallic Conduit, Concrete Encased                       | LF   | 6,500    |
| 626.3321 | 36-inch Diameter Drilled Shaft                                  | LF   | 360      |
| 626.3322 | 30-Inch Diameter Drilled Shaft - Rock Socket                    | LF   | 80       |
| 626.341  | Light Standard Foundation                                       | EA   | 65       |
| 627.18   | 12" Solid White Pavement Marking                                | LF   | 10,200   |
| 627.4072 | Pref Pave Mark Tape Line, Groove Install                        | SF   | 2,000    |
| 627.71   | 4" White Pavement Marking Line                                  | LF   | 1,100    |
| 627.73   | Temporary 6 Inch Pavement Marking Tape                          | LF   | 3,200    |
| 627.731  | Temporary 6 Inch Black Pavement Marking Tape                    | LF   | 2,000    |
| 627.744  | 6 Inch White or Yellow Pavement Marking Line                    | LF   | 50,700   |
| 627.75   | White or Yellow Pavement & Curb Marking                         | SF   | 200      |
| 627.77   | Remove Existing Pavement Marking                                | SF   | 3,400    |
| 627.781  | Temporary 6 Inch Painted Pavement Marking Line -Yellow or White | LF   | 140,000  |
| 627.812  | Temporary Raised Pavement Markers                               | EA   | 530      |
| 627.9011 | Pavement Marking Symbol   | EA   | 9        |
| 627.94   | Pavement Marking Tape   | LF   | 2,750    |
| 629.05   | Hand Labor, Straight Time                                       | HR   | 20       |
| 631.10   | Air Compressor (Inc Operator)                                   | HR   | 20       |
| 631.11   | Air Tool (Inc Operator)   | HR   | 20       |
| 631.115  | Jackhammer (Inc Operator)                                       | HR   | 20       |
| 631.12   | All Purpose Excavator (Inc Operator)                            | HR   | 20       |
| 631.171  | Truck - Small (Including Operator)                              | HR   | 20       |
| 631.18   | Chain Saw Rental (Inc Operator)                                 | HR   | 20       |
| 631.32   | Culvert Cleaner (Inc Operator)                                  | HR   | 20       |
| 631.36   | Foreperson  | HR   | 25       |
| 631.51   | Bucket Truck  | HR   | 20       |
| 631.52   | Scissor Lift  | HR   | 20       |
| 631.53   | Electrician   | HR   | 20       |
| 631.54   | Electrician's Apprentice  | HR   | 20       |
| 633.021  | Propane Service Line  | LF   | 100      |
| 634.16   | Highway Lighting  | LS   | 1        |
| 634.2042 | LED Luminaires  | EA   | 5        |
| 634.210  | Conventional Light Standard                                     | EA   | 5        |
| 639.18   | Field Office Type A   | EA   | 1        |
| 639.19   | Field Office Type B   | EA   | 1        |
| 641.35   | Aluminum Flag Pole  | EA   | 1        |
| 643.63   | Flashing Beacon - Solar Powered                                 | EA   | 4        |
| 643.712  | Lane Use Signal   | EA   | 9        |
| 645.105  | Remove and Stack Sign   | EA   | 13       |

Scale: **NO SCALE**

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

JACOBS

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | CSM | 7-18 | Checked      | RRP | 7-18 |
| Drawn    | AMS | 7-18 | In Charge of | TWM | 7-18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824



THE GOLD STAR  
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

ESTIMATED QUANTITIES 1

SHEET NUMBER: QN-01

CONTRACT: 2018.20

3 OF 489

Date: 9/4/2018

Filename: ... \0259637\004\_Estimate\_02.dgn

| Item No. | Item Description  | Unit | Quantity |
|----------|---|------|----------|
| 645.1051 | Remove and Stack Ground Mount Guide Sign and Structure            | EA   | 4        |
| 645.109  | Remove and Reset Sign   | EA   | 3        |
| 645.1092 | Canopy Mounted Dynamic Message Sign                               | EA   | 1        |
| 645.121  | Overhead Guide Sign 1 (Sta. 281+45 NB)                            | LS   | 1        |
| 645.122  | Overhead Guide Sign 2 (Sta. 306+65 NB)                            | LS   | 1        |
| 645.123  | Overhead Guide Sign 3 (Sta. 318+81 NB)                            | LS   | 1        |
| 645.124  | Overhead Guide Sign 4 (Sta. 332+00 NB)                            | LS   | 1        |
| 645.125  | Overhead Guide Sign 5 (Sta. 359+50 SB)                            | LS   | 1        |
| 645.126  | Overhead Guide Sign 6 (Sta. 374+50 SB)                            | LS   | 1        |
| 645.127  | Overhead Guide Sign 7 (Sta. 382+50 SB)                            | LS   | 1        |
| 645.128  | Overhead Guide Sign 8 (Sta. 414+90 SB)                            | LS   | 1        |
| 645.14   | Canopy Mounted Sign   | EA   | 7        |
| 645.141  | Canopy Mounted DMS Remove and Reset                               | EA   | 1        |
| 645.155  | Variable Speed Limit Sign   | EA   | 2        |
| 645.251  | Roadside Guide Signs, Type I                                      | SF   | 1,462    |
| 645.271  | Regulatory, Warning, Confirmation and Route Assembly Sign, Type I | SF   | 490      |
| 645.28   | Wood Post   | EA   | 26       |
| 645.289  | Steel H-Beam Poles  | LB   | 13,400   |
| 645.501  | Remove and Reset Mainline Sign 1                                  | LS   | 1        |
| 645.502  | Remove and Reset Mainline Sign 2                                  | LS   | 1        |
| 645.503  | Remove and Reset Mainline Sign 3                                  | LS   | 1        |
| 652.30   | Flashing Arrow Board  | EA   | 6        |
| 652.312  | Type III Barricade  | EA   | 10       |
| 652.33   | Drum  | EA   | 400      |
| 652.34   | Cone  | EA   | 200      |
| 652.35   | Construction Signs  | SF   | 1,450    |
| 652.36   | Maintenance of Traffic Control Devices                            | LS   | 1        |
| 652.38   | Flagger   | HR   | 880      |
| 652.41   | Portable-Changeable Message Sign                                  | EA   | 5        |
| 652.45   | Truck Mounted Attenuator  | CD   | 500      |
| 652.46   | Temporary Portable Rumble Strip                                   | UN   | 1        |
| 652.451  | Automated Trailer Mounted Speed Limit Sign                        | EA   | 2        |
| 652.50   | Temporary Barrier   | LS   | 1        |
| 655.01   | Installation of ORT Lane Controller Cabinet                       | EA   | 2        |
| 655.012  | Installation of Cash Lane Controller Cabinet                      | EA   | 9        |
| 655.02   | DVAS Mount Installation   | EA   | 13       |
| 655.03   | VCARS Mount Installation  | EA   | 20       |
| 655.04   | Installation of Sensor Loops                                      | LS   | 1        |
| 655.05   | Installation of AVI Antennas                                      | EA   | 27       |
| 655.06   | Installation of AVI Readers                                       | EA   | 6        |
| 655.07   | Traffic Control Pedestal Preparation Work                         | EA   | 9        |
| 655.08   | OPUS Mount Installation   | EA   | 30       |
| 655.09   | Armored Cable - 10/3  | LF   | 100      |
| 655.100  | #2/0 AWG Wire   | LF   | 1,550    |
| 655.1001 | #1/0 AWG Wire   | LF   | 1,000    |
| 655.1003 | #3/0 AWG Wire   | LF   | 3,500    |
| 655.101  | #1 AWG Wire   | LF   | 5,000    |
| 655.102  | #2 AWG Wire   | LF   | 1,150    |
| 655.104  | #4 AWG Wire   | LF   | 100      |
| 655.106  | #6 AWG Wire   | LF   | 100      |
| 655.11   | #10 AWG Wire  | LF   | 4,850    |
| 655.12   | #12 AWG Wire  | LF   | 80,000   |
| 655.13   | #14 AWG Wire  | LF   | 1,000    |
| 655.14   | 4pr/24 (Category 5e) Cable  | LF   | 44,000   |
| 655.15   | LMR 400 Cable   | LF   | 1,730    |
| 655.16   | Fiber Optic Cable - 6 Fiber                                       | LF   | 3,390    |
| 655.17   | IMS Homerun Loop Cable (IMSA 50-2 #14)                            | LF   | 11,350   |
| 655.200  | 1 1/2" Schedule 40 PVC Conduit                                    | LF   | 250      |
| 655.2001 | 3/4" Schedule 40 PVC Conduit                                      | LF   | 200      |
| 655.2002 | 1" Schedule 40 PVC Conduit  | LF   | 200      |
| 655.2003 | 2" Schedule 40 PVC Conduit  | LF   | 400      |
| 655.201  | 3" Schedule 40 PVC Conduit  | LF   | 200      |
| 655.202  | 4" Schedule 40 PVC Conduit  | LF   | 750      |

| Item No. | Item Description                              | Unit | Quantity |
|----------|---|------|----------|
| 655.2021 | 1" Schedule 80 PVC Conduit                    | LF   | 400      |
| 655.203  | 1 1/2" Schedule 80 PVC Conduit                | LF   | 1,440    |
| 655.2031 | 2" Schedule 80 PVC Conduit                    | LF   | 430      |
| 655.204  | 3" Schedule 80 PVC Conduit                    | LF   | 3,000    |
| 655.205  | 4" Schedule 80 PVC Conduit                    | LF   | 230      |
| 655.2051 | 6" Schedule 80 PVC Conduit                    | LF   | 300      |
| 655.2052 | 5" Schedule 80 PVC Conduit                    | LF   | 300      |
| 655.206  | 1" Galvanized Rigid Metal Conduit             | LF   | 900      |
| 655.2061 | 3/4" Galvanized Rigid Metal Conduit           | LF   | 600      |
| 655.207  | 1 1/2" Galvanized Rigid Metal Conduit         | LF   | 350      |
| 655.2071 | 2" Galvanized Rigid Metal Conduit             | LF   | 600      |
| 655.208  | 3" Galvanized Rigid Metal Conduit             | LF   | 1,040    |
| 655.209  | 1/2" Liquid Tight Metallic Flexible Conduit   | LF   | 700      |
| 655.210  | 3/4" Liquid Tight Metallic Flexible Conduit   | LF   | 280      |
| 655.2101 | 1 1/2" Liquid Tight Metallic Flexible Conduit | LF   | 100      |
| 655.2102 | 2" Liquid Tight Metallic Flexible Conduit     | LF   | 100      |
| 655.2103 | 1" Liquid Tight Metallic Flexible Conduit     | LF   | 100      |
| 654.211  | 1 1/2" Electrical Metallic Tubing Conduit     | LF   | 180      |
| 655.2111 | 1" Electrical Metallic Tubing Conduit         | LF   | 180      |
| 655.212  | 2" Electrical Metallic Tubing Conduit         | LF   | 180      |
| 655.213  | 3" Electrical Metallic Tubing Conduit         | LF   | 100      |
| 655.214  | 4" Electrical Metallic Tubing Conduit         | LF   | 100      |
| 655.215  | 3/4" Electrical Metallic Tubing Conduit       | LF   | 100      |
| 655.221  | Type A Pull Box Inside                        | EA   | 36       |
| 655.222  | Type C Pull Box in Tunnel/Booth Pit           | EA   | 40       |
| 655.223  | Type D Pull Box Outdoor Canopy                | EA   | 4        |
| 655.224  | Type E Pull Box Steel in booth                | EA   | 18       |
| 655.225  | Type F Pull Box Outside                       | EA   | 13       |
| 655.30   | 12" x 12" x 6" Galvanized Junction Box        | EA   | 100      |
| 655.31   | 18" x 18" x 6" Galvanized Junction Box        | EA   | 8        |
| 655.40   | 18" x 24" x 12" Junction Box                  | EA   | 6        |
| 655.42   | 36" x 30" x 20" NEMA 4X Cabinet               | EA   | 6        |
| 655.43   | 60 AMP 3 Phase Panelboard Cabinet             | EA   | 4        |
| 655.44   | 100 AMP 3 Phase Panelboard Cabinet            | EA   | 4        |
| 655.50   | 2" PVC Conduit Condulets                      | EA   | 20       |
| 655.51   | 4" PVC Conduit Condulets                      | EA   | 20       |
| 655.511  | 3/4" Rigid Metal Conduit Condulets            | EA   | 10       |
| 655.52   | 1" Rigid Metal Conduit Condulets              | EA   | 50       |
| 655.53   | 1 1/2" Rigid Metal Conduit Condulets          | EA   | 50       |
| 655.54   | 2" Rigid Metal Conduit Condulets              | EA   | 20       |
| 655.55   | 3" Electrical Metal Tubing Condulets          | EA   | 20       |
| 655.56   | 2" Electrical Metal Tubing Condulets          | EA   | 20       |
| 655.57   | 1 1/2" Electrical Metal Tubing Condulets      | EA   | 20       |
| 655.58   | 3/4" Electrical Metal Tubing Condulets        | EA   | 20       |
| 655.59   | 1" Electrical Metal Tubing Condulets          | EA   | 20       |
| 655.63   | 4-inch x 4-inch Plastic NEMA 4R Wireway       | LF   | 630      |
| 655.64   | 6-inch x 6-inch Plastic NEMA 4R Wireway       | LF   | 660      |
| 655.65   | 8-inch x 8-inch Plastic NEMA 4R Wireway       | LF   | 660      |
| 655.66   | 12-inch x 12-inch Plastic NEMA 4R Wireway     | LF   | 400      |
| 655.75   | Concrete Encased Conduit                      | CY   | 60       |
| 655.80   | Lightning Suppression System                  | LS   | 1        |
| 655.81   | Key Switch                                    | EA   | 18       |
| 655.82   | Duplex Receptacle                             | EA   | 20       |
| 655.83   | NEMA L5-30R Receptacle                        | EA   | 6        |
| 655.84   | Quadplex Receptacle                           | EA   | 30       |
| 655.90   | Space Frame Lighting                          | LS   | 1        |
| 655.92   | LED Canopy Light Fixture                      | EA   | 18       |
| 655.98   | Toll Booth Electrical Installation            | LS   | 1        |
| 655.99   | LED Bumper Beacon                             | EA   | 9        |
| 656.50   | Baled Hay, In Place                           | EA   | 50       |
| 656.60   | Temporary Berms                               | LF   | 150      |
| 656.62   | Temporary Slope Drains                        | LF   | 150      |
| 656.632  | 30 Inch Temporary Silt Fence                  | LF   | 24,000   |

| Item No. | Item Description   | Unit | Quantity |
|----------|--|------|----------|
| 659.10   | Mobilization   | LS   | 1        |
| 665.002  | Communications   | LS   | 1        |
| 800.01   | Toll Administration Building   | LS   | 1        |
| 800.22   | HVAC Tunnel and Booths   | LS   | 1        |
| 800.23   | Tunnel and Toll Stairway Lighting, Fire Alarm, and House Power       | LS   | 1        |
| 800.24   | Toll Administration Building Standby Generator                       | LS   | 1        |
| 800.40   | Tunnel Stair Enclosures  | LS   | 1        |
| 800.41   | Tunnel Access Hatch  | LS   | 1        |
| 800.501  | Southbound and Northbound Plaza Canopies                             | LS   | 1        |
| 800.503  | Metal Stairs at Tunnel Staircases                                    | LS   | 1        |
| 800.51   | New Toll Booth Installation  | LS   | 1        |
| 800.62   | Radon Mitigation System  | LS   | 1        |
| 801.03   | Test Pits  | EA   | 2        |
| 801.132  | 2 Inch Force Main  | LF   | 50       |
| 801.141  | 4" PVC Sanitary Sewer (SDR-35)                                       | LF   | 40       |
| 802.23   | Subsurface Wasterwater Leach Field With Geotextile Sand Filter (GSF) | LS   | 1        |
| 802.241  | 1000 Gallon Precast Septic Tank with Pump                            | LS   | 1        |
| 822.37   | 16" Ductile Iron Pipe  | LF   | 1,660    |
| 822.60   | Water Meter Pit  | EA   | 1        |
| 823.3411 | Air Release Valve  | EA   | 1        |
| 823.374  | 16" Gate Valve   | EA   | 2        |
| 832.41   | Type A Steel Site Bollard  | EA   | 9        |

Scale: **NO SCALE**

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:



CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | CSM | 7-18 | Checked      | RRP | 7-18 |
| Drawn    | AMS | 7-18 | In Charge of | TWM | 7-18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824



**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

**YORK TOLL PLAZA**

ESTIMATED QUANTITIES 2

SHEET NUMBER: QN-02

CONTRACT: 2018.20

4 OF 489

GENERAL

- ALL DETAILS SHALL BE IN CONFORMANCE WITH MAINE DEPARTMENT OF TRANSPORTATION (MaineDOT) STANDARD DETAILS HIGHWAYS AND BRIDGES 2014 WITH UPDATES AND MaineDOT BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL LATEST REVISION UNLESS OTHERWISE INCLUDED IN THESE PLANS OR PROJECT SPECIFICATIONS.
- CONTRACTOR IS REQUIRED TO MAINTAIN ACCESS TO ALL DRIVEWAYS AND SIDE ROADS DURING CONSTRUCTION UNLESS OTHERWISE SHOWN ON THE PLANS.
- THE CONTRACTOR SHALL SUBMIT THE PROPOSED STAGING AREA(S) AND FIELD TRAILER LOCATION TO THE RESIDENT FOR APPROVAL PRIOR TO STARTING WORK.
- UPON REQUEST, THE MTA WILL SUPPLY ORIGINAL CONTRACT PLANS OF THE YORK TOLL PLAZA TO THE CONTRACTOR.
- CONTRACTOR IS REQUIRED TO MAINTAIN SAFE ACCESS TO PARKING AREAS FOR MTA EMPLOYEES AT ALL TIMES DURING CONSTRUCTION.
- A COPY OF THE "GEOTECHNICAL REPORT" DATED DECEMBER, 2016 IS AVAILABLE FOR DOWNLOAD AT MAINETURNPIKE.COM.
- DUST CONTROL IS INCIDENTAL TO CONTRACT.
- WASTE MATERIALS SHALL BE DISPOSED OF OFF THE PROJECT SITE, IN ACCORDANCE WITH CHAPTER 404, DEPARTMENT OF ENVIRONMENTAL PROTECTION SOLID WASTE MANAGEMENT RULES.
- FINAL LIFTS OF PAVEMENT FOR ORT LANES, CASH LANES, AND APPROACHES WILL BE COMPLETED AT THE END OF PROJECT TO LIMIT PAVEMENT JOINTS OR AS APPROVED BY MTA CONSTRUCTION MANAGER.
- BASELINE IS BASED ON FIELD SURVEY AND DOES NOT MATCH ORIGINAL 1-95 CONSTRUCTION BASELINE FROM THE 1940'S. THE FIELD SURVEY BASELINE IS A BEST FIT CENTERLINE.
- PAVEMENT CORES WERE TAKEN NEAR PROPOSED PLAZA. CORES INDICATE 12 TO 17 INCHES OF BITUMINOUS PAVEMENT EXIST IN THE TRAVEL WAY AND NEARLY ALL SHOULDERS. THE EXISTING OUTSIDE SHOULDER IN THE 4 LANE SECTION OF 1-95 NORTHBOUND, NORTH OF EXISTING PLAZA INDICATES 4" OF PAVEMENT.
- CLEARING LIMITS ARE AS SHOWN ON THE PLANS UNLESS OTHERWISE AUTHORIZED BY THE RESIDENT. THE ACTUAL CLEARING LINES SHALL BE ESTABLISHED BY THE CONTRACTOR AND APPROVED BY THE RESIDENT PRIOR TO ANY CLEARING TAKING PLACE.
- GEOTECHNICAL INFORMATION FURNISHED OR REFERRED TO IN THIS PLAN SET IS FOR THE USE OF THE BIDDERS AND THE CONTRACTOR. NO ASSURANCE IS GIVEN THE INFORMATION OR INTERPRETATIONS WILL BE REPRESENTATIVE OF ACTUAL SUBSURFACE CONDITIONS OF THE CONSTRUCTION SITE. THE MTA WILL NOT BE RESPONSIBLE FOR THE BIDDER'S OR CONTRACTORS INTERPRETATIONS OF, OR CONCLUSION DRAWN FROM, THE GEOTECHNICAL INFORMATION.
- THE CONTRACTOR SHALL PROVIDE A SCALED DRAWING FOR RESIDENT ENGINEER APPROVAL ONCE SPECIFIC EQUIPMENT HAS BEEN APPROVED BY THE DESIGN ENGINEER THAT SHOWS HOW EQUIPMENT WILL BE INSTALLED IN THE MECHANICAL ROOM. INCLUDE ALL HVAC EQUIPMENT AND PADS, WATER METERS, PIPING AND BACKFLOW PREVENTERS, AND ANY PUMPS THE SYSTEM REQUIRES TO OPERATE ON PLAN. SUBMIT PLAN WHICH SHALL BE APPROVED PRIOR TO ORDERING EQUIPMENT.
- THE CONTRACTOR WILL BE REQUIRED TO SUBMIT AS-BUILT PLANS.
- ALL ELECTRICAL AND MOTOR CONTROL PANELS SHALL BE LABELED IN ACCORDANCE WITH NFPA 70E.

EROSION CONTROL

- THE ANTICIPATED EROSION CONTROL DEVICES ARE SHOWN ON THE PLANS. THE CONTRACTOR SHALL PROPOSE ACTUAL TYPE AND LOCATION OF DEVICES FOR APPROVAL BY THE RESIDENT. ADDITIONAL MEASURES MAY BE PROPOSED BY THE CONTRACTOR DUE TO SITE OR WEATHER CONDITIONS. THE RESIDENT MAY DIRECT THE CONTRACTOR TO IMPLEMENT ADDITIONAL MEASURES. ANY ADDITIONAL MEASURES APPROVED BY THE RESIDENT WILL BE MEASURED FOR PAYMENT.
- 4" LOAM HAS BEEN ESTIMATED FOR 100% OF THE DISTURBED SLOPE AREA UNLESS OTHERWISE SPECIFIED ON THE PLANS. ACTUAL PLACEMENT OF THE LOAM SHALL BE AS DESIGNATED BY THE RESIDENT.
- NEWLY DISTURBED EARTH SHALL BE MULCHED PRIOR TO A RAIN EVENT. MULCH SHALL BE MAINTAINED ON A DAILY BASIS. THIS WORK SHALL BE PAID FOR UNDER ITEM 619J202 - TEMPORARY MULCH.
- ALL TEMPORARY AND PERMANENT EROSION CONTROL DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE MAINE DEPARTMENT OF TRANSPORTATION BEST MANAGEMENT PRACTICES.
- TEMPORARY SEED SHALL BE APPLIED TO ALL DISTURBED AREAS THAT WILL NOT BE COMPLETED WITHIN 30 DAYS. TEMPORARY SEED SHALL BE INCIDENTAL TO THE 618 ITEMS.
- TEMPORARY EROSION CONTROL BLANKET, ITEM 613.319 SHALL BE INSTALLED IN ALL DITCHES AND 2:1 SLOPES FROM TOP TO TOE OF SLOPE. LOAM AND SEED SHALL BE PLACED PRIOR TO THE INSTALLATION OF THE EROSION CONTROL BLANKET. LIMITS OF THE EROSION CONTROL BLANKET IN DITCHES SHALL BE 6' WIDE OR AS DESIGNATED BY THE RESIDENT. SEEDING METHOD NO. 3 SHALL BE USED BEHIND GUARDRAIL AND SEEDING METHOD NO. 1 SHALL BE USED AT AND AROUND THE PLAZA BUILDING, IN UNDERDRAINED SOIL FILTERS, TEMPORARY SIDE SLOPES AND ALL OTHER AREAS.

UTILITY

- EXISTING UTILITIES ON THESE PLANS WERE COMPILED FROM FIELD SURVEY AND VARIOUS OTHER SOURCES. LOCATIONS ARE NOT GUARANTEED TO BE ACCURATE NOR IS IT GUARANTEED THAT ALL UTILITIES ARE SHOWN. NO SEPARATE OR ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR DUE TO ANY VARIANCE BETWEEN THE DATA SHOWN ON THE PLANS AND THE ACTUAL FIELD CONDITIONS ENCOUNTERED. NO WORK SHALL BE STARTED UNTIL THE OWNERS OF THE VARIOUS UTILITIES ARE NOTIFIED BY THE CONTRACTOR OF THE PROPOSED CONSTRUCTION. THE CONTRACTOR IS ALSO REQUIRED TO CALL DIG SAFE AT 1-888-344-7233 PRIOR TO THE START OF THE WORK.
- THE UTILITIES INVOLVED IN THIS CONTRACT ARE:  
MAINE TURNPIKE AUTHORITY  
CENTRAL MAINE POWER  
FAIRPOINT COMMUNICATION  
YORK WATER DISTRICT  
SPECTRUM (CABLE TV)
- THE CONTRACTOR SHALL NOTIFY THE RESIDENT 10 DAYS PRIOR TO CONSTRUCTION SO THE RESIDENT CAN ARRANGE FOR MAINE TURNPIKE UNDERGROUND UTILITY LOCATION. ALL PROPOSED SIGN LOCATIONS AND EXCAVATION LOCATIONS SHALL BE MARKED AT THE NOTIFICATION TIME. EXCAVATION WILL NOT BE PERMITTED UNTIL THE AUTHORITY HAS LOCATED AND MARKED ITS' UNDERGROUND UTILITIES, OR NOTIFIED THE RESIDENT THERE ARE NO UNDERGROUND UTILITIES IN THE MARKED AREAS.
- THE AUTHORITY HAS PROGRAMMED TWO FIELD VISITS FOR MAINE TURNPIKE UTILITY COORDINATION ON THIS PROJECT. SHOULD THE CONTRACTOR NEED ADDITIONAL SIGN LOCATIONS AND/OR ADDITIONAL EXCAVATION LOCATIONS MARKED, OR SHOULD THE CONTRACTOR FAIL TO MAINTAIN THE AUTHORITY'S PREVIOUSLY ESTABLISHED DIG SAFE MARKS, THE AUTHORITY SHALL DEDUCT THE ADDED MARKING COSTS FROM THE CONTRACTOR'S PAYMENTS.
- UTILITY WORK INCLUDES TEMPORARY AND PERMANENT POWER AND COMMUNICATIONS RELOCATIONS; REMOVAL AND PROPOSED HIGHWAY LIGHTING; RELOCATION OF EXISTING WATER MAIN; NEW WATER SERVICE TO ADMINISTRATION BUILDING AND INSTALLATION OF NEW SEPTIC SYSTEM.
- THE PARTIES AGREE THAT THEY WILL COOPERATE AND COMPLETE THE WATER MAIN RELOCATION PROJECT BY THE END OF MARCH 1, 2019.

GUARDRAIL

- FOR ALL NEW GUARDRAIL TYPES 3d W-BEAM AND THRIE-BEAM SINGLE AND DOUBLE RAIL - OFFSET BLOCKS SHALL BE NON-WOOD CONFORMING TO MASH TEST LEVEL 3.
- ALL PROPOSED GUARDRAIL AND RESET GUARDRAIL SHALL BE INSTALLED IN A MANNER TO AVOID ALL EXISTING SUBSURFACE FEATURES.
- DAMAGE TO EXISTING PAVEMENT OR NEW PAVEMENT DUE TO THE INSTALLATION OF NEW OR RESET GUARDRAIL SHALL BE REPAIRED AND PAYMENT SHALL BE INCIDENTAL TO THE GUARDRAIL ITEMS.
- AT THE END OF THE WORK DAY, EVERYDAY, THE CONTRACTOR IS REQUIRED TO HAVE AN APPROVED CRASHWORTHY END TREATMENT ON ALL GUARDRAIL AND BARRIER WITHIN ALL WORK AREAS THAT ARE ACCESSIBLE TO TRAFFIC.
- CONNECTIONS FOR PROPOSED GUARDRAIL TO EXISTING GUARDRAIL SHALL BE INCIDENTAL TO THE PROPOSED GUARDRAIL ITEMS.
- ONE GUARDRAIL DELINATOR POST SHALL BE INSTALLED AT EACH GUARDRAIL TERMINAL AND TWO GUARDRAIL DELINEATOR POSTS SHALL BE INSTALLED AT EACH ENERGY ABSORBING END TERMINAL.
- ALL NEW AND RESET GUARDRAIL TYPE 3d SHALL BE INSTALLED AT 31 INCHES HIGH EXCEPT WHERE TRANSITIONING TO EXISTING RAIL.
- GUARDRAIL WHICH IS REMOVED AND NOT REUSED ON THE PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
- IN NON-GUARDRAIL AREAS, DELINATORS SHALL BE SPACED AT 264' ON MAINLINE. THE CONTRACTOR SHALL CONFIRM THE DELINATOR LAYOUT WITH THE RESIDENT.

MEDIAN BARRIER

- MEDIAN BARRIER PAY LIMITS ARE LISTED ON THE CONCRETE BARRIER DETAIL SHEETS.
- PAY LIMITS ARE MEASURED TO THE CENTER OF BARRIER FOR ALL BARRIER EXCEPT TYPE-III WHICH IS MEASURED TO THE FLAT FACE.
- MEDIAN BARRIER TRANSITION SECTIONS ARE PAID PER UNIT AS SHOWN ON CONCRETE BARRIER DETAIL SHEETS.

SIGN STRUCTURES/FOUNDATIONS

- THESE NOTES APPLY ONLY TO OVERHEAD SIGN SUPPORT STRUCTURES. FOR ADDITIONAL OVERHEAD SIGN SUPPORT STRUCTURE FOUNDATIONS NOTES, SEE SHEETS S-48 AND S-49. FOR ORT SPACE FRAME NOTES, SEE SHEET S-36.
- SOIL AND ROCK EXCAVATION, DEWATERING AND FINE GRADING AROUND SIGN STRUCTURE FOUNDATIONS SHALL NOT BE PAID FOR DIRECTLY BUT SHALL BE INCIDENTAL TO THE SECTION 645 PAY ITEMS.
- NEW FOUNDATIONS SHALL BE INSTALLED SUCH THAT THE MINIMUM VERTICAL CLEARANCE TO THE BOTTOM OF THE LOWEST SIGN IS AT LEAST 18'-0" FROM THE HIGH POINT OF THE ROADWAY. THE MAXIMUM VERTICAL CLEARANCE TO THE BOTTOM OF THE LOWEST SIGN SHALL NOT EXCEED 20'-6".
- IF SOIL CONDITIONS DIFFER MATERIALLY FROM THOSE SHOWN ON THE GEOTECHNICAL BORING LOGS, THE CONTRACTOR SHALL STOP WORK ON THAT STRUCTURE'S FOUNDATIONS AND CONTACT THE RESIDENT.
- ALL SIGN STRUCTURE DESIGNS SHALL CONFORM TO THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY TRANSPORTATION OFFICIALS (AASHTO).
- NEW SIGN ATTACHMENT HARDWARE SHALL BE PROVIDED TO ATTACH NEW AND RELOCATED OVERHEAD SIGNS TO THE NEW SIGN STRUCTURES.
- DESIGN, FABRICATION AND INSTALLATION FOR ALL OVERHEAD AND CANTILEVER SIGN SUPPORTS INCLUDING THE STEEL TRUSS AND ATTACHMENT HARDWARE SHALL BE INCLUDED IN THE LUMP SUM ITEM COST FOR THE APPLICABLE STRUCTURE.
- IF TEMPORARY SHEETING IS REQUIRED IT SHALL BE INCIDENTAL TO THE SECTION 645 PAY ITEMS AND SHALL MEET THE REQUIREMENTS UNDER SECTION 511. TEMPORARY SHEETING IS REQUIRED IF THE EXCAVATED SLOPES CAN NOT MEET OSHA REQUIREMENTS. NO DISTURBING OR UNDERMINING OF TURNPIKE PAVEMENT SHALL BE ALLOWED.
- LANE CLOSURES BOTH NORTHBOUND AND SOUTHBOUND AND TEMPORARY CONCRETE BARRIER IN MEDIAN SHOULDERS ARE REQUIRED PRIOR TO REMOVING AND RESETTING EXISTING MEDIAN GUARDRAIL AND INSTALLING PROPOSED GUARDRAIL ITEMS AND SIGN BRIDGE. TO PROTECT TEMPORARY CONCRETE BARRIER ENDS, BARRIER SHALL BE LAPPED BEHIND EXISTING OR PROPOSED GUARDRAIL. SEE MAINTENANCE OF TRAFFIC DETAILS (MOT-56, MOT-57) AND SIGN BRIDGE DETAILS (SN-21, SN-22).

Date: 9/4/2018

Filename: ... \00259637\005\_Notes\_General.dgn

| Scale:   |          |    |      |
|----------|----------|----|------|
| NO SCALE |          |    |      |
| No.      | Revision | By | Date |
|          |          |    |      |
|          |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          |     |      |              |     |      |
|----------|-----|------|--------------|-----|------|
|          | By  | Date |              | By  | Date |
| Designed | CSM | 7-18 | Checked      | RRP | 7-18 |
| Drawn    | AMS | 7-18 | In Charge of | TWM | 7-18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

GENERAL NOTES 1

SHEET NUMBER: GN-01  
CONTRACT: 2018.20  
5 OF 489

DRAINAGE

1. NO EXISTING DRAINAGE SHALL BE ABANDONED, REMOVED OR PLUGGED WITHOUT PRIOR APPROVAL OF THE RESIDENT.
2. INLETS AND OUTLETS OF ALL CULVERTS SHALL BE RIPRAPPED UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE RESIDENT.
3. ALL DITCH ELEVATIONS AND OFFSETS SHOWN ON THE CROSS SECTIONS ARE FOR THE FINISHED DITCH FLOW LINE.
4. ANY NECESSARY CUTTING OF EXISTING PIPES TO FIT IN AREAS OF PROPOSED CATCH BASINS AND MANHOLES WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCIDENTAL TO THE PROPOSED CATCH BASIN AND MANHOLE ITEMS.
5. ANY NECESSARY CORING OF EXISTING CATCH BASINS TO TAKE A PROPOSED PIPE WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCIDENTAL TO THE PROPOSED CULVERT ITEMS.
6. EXISTING CULVERTS TO REMAIN SHALL BE CLEANED AS DIRECTED BY THE ENGINEER. PAYMENT WILL BE MADE UNDER ITEM 631.32 - CULVERT CLEANER (INCLUDING OPERATORS).
7. ALL NEW CATCH BASIN GRATES SHALL BE AS MANUFACTURED BY EJ COMPANY OF BROCKTON, MA.
8. CORRUGATED METAL PIPE (CMP) WILL NOT BE INSTALLED.
9. ONE GREEN DELINEATOR POST SHALL BE INSTALLED AT ALL STORM DRAIN OUTLETS.

TEMPORARY DRAINAGE

1. THE CONTRACTOR IS REQUIRED TO FURNISH, INSTALL, MAINTAIN AND REMOVE TEMPORARY STORMWATER DRAINAGE TO CONTROL STORMWATER RUNOFF ON ACTIVE TRAVELWAYS AND SHOULDERS AND THE CONSTRUCTION WORK ZONE AS SPECIFIED IN SPECIAL PROVISION 652 MAINTENANCE OF TRAFFIC (TEMPORARY STORMWATER DRAINAGE).
2. THE RESIDENT RESERVES THE RIGHT TO COORDINATE THE NEED FOR TEMPORARY STORMWATER DRAINAGE WITH THE CONTRACTOR AND REQUIRE ADDITIONAL TEMPORARY STORMWATER DRAINAGE SHOULD THE CONTRACTOR'S EFFORTS FAIL TO PROTECT ACTIVE TRAVELWAYS AND SHOULDERS AS DETERMINED BY AUTHORITY.

EARTHWORK

1. CLEARING LIMIT LINES ARE SHOWN ON THE PLANS 10' BEYOND AND PARALLEL TO THE CONSTRUCTION SLOPE LINES, EXCEPT IN WETLAND AREAS.
2. EXCAVATIONS ACCOMPLISHED AS PART OF THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH OSHA SUBPART P OF 29 CFR PART 1926.650-652 (CONSTRUCTION STANDARDS FOR EXCAVATION).
3. AN OVERBURDEN DEPTH IS ASSUMED, BASED ON TEST PITS AND SUBSURFACE INVESTIGATION, FOR USE IN ESTIMATING ROCK EXCAVATION AND ESTIMATING CLEARING LIMITS WHERE ROCK OUTCROPS ARE PRESENT. SOME ROCK PROBES WERE CONDUCTED IN THESE AREAS TO VERIFY OR DETERMINE DEPTH OF EXISTING OVERBURDEN TO THE EXTENT PRACTICAL. ACTUAL ROCK EXCAVATION AND CLEARING LIMITS MAY CHANGE FROM WHAT IS SHOWN ON PLANS.
4. THE CONTRACTOR SHALL REMOVE EXISTING MACADAM WHEN ENCOUNTERED AND SHALL BE PAID FOR AS COMMON EXCAVATION ITEM 203.20.
5. GRANULAR BORROW USED TO BACKFILL MUCK EXCAVATION OR IN LOW WET AREAS TO 1' ABOVE WATER LEVEL OR OLD GROUND SHALL MEET REQUIREMENTS FOR GRANULAR BORROW UNDERWATER BACKFILL.
6. ROCK EXCAVATION FROM STA. 336+00, LT. TO STA. 340+00, LT. REQUIRES PRESPLITTING TO AVOID IMPACTS TO VERNAL POOL.
7. WASTE MATERIALS SHALL BE DISPOSED OF OFF THE PROJECT SITE, IN ACCORDANCE WITH CHAPTER 404 OF THE DEP SOLID WASTE MANAGEMENT RULES.
8. THE NORMAL GRUBBING WIDTH IN THE FILLS SHALL BE VARIABLE WHEN SUBGRADE IS LESS THAN 5' ABOVE OLD GROUND. THE GRUBBING DEPTH HAS BEEN ESTIMATED AS 6' IN FIELD AREAS AND 12' IN WOODED AREAS.
9. COMMON BORROW SHALL BE COMPACTED TO 90% OF ITS MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR. GRANULAR BORROW SHALL BE COMPACTED TO 95% OF ITS MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR. AGGREGATE SHALL BE COMPACTED TO 98% OF ITS MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR.
10. BORROW PLACED WITH CONTROLLED MOISTURE SHALL BE COMPACTED TO NOT LESS THAN 95% OF THE MAXIMUM DENSITY AS DETERMINED BY THE MODIFIED PROCTOR, AND EACH LAYER OF AGGREGATE PLACED WITH CONTROLLED MOISTURE SHALL BE COMPACTED TO NOT LESS THAN 98% OF THE MAXIMUM DENSITY MODIFIED PROCTOR.

MAINTENANCE OF TRAFFIC

1. EXISTING TOLL PLAZA TO REMAIN OPERATIONAL.
2. THREE NORTHBOUND AND THREE SOUTHBOUND LANES TO REMAIN OPEN EXCEPT AS ALLOWED BY SPECIAL PROVISION 652.
3. REFER TO SPECIFICATIONS FOR COMPLETION DATES.
4. NO CONSTRUCTION WORK ALLOWED IN TOLLING LANES DURING TOLL COMMISSIONING. COMMISSIONING REQUIRES ACCESS TO ALLOW TESTING VEHICLES AT HIGHWAY SPEEDS.
5. FOR TRAFFIC CONTROL NOT COVERED IN THESE PLANS, REFERENCE MAINE TURNPIKE AUTHORITY TRAFFIC CONTROL PLANS DATED JANUARY 2018.

**COMMON EXCAVATION FOR ESTIMATE**

|   |            |                |
|---|------------|----------------|
| COMMON EXCAVATION (FROM CROSS SECTIONS) | 107,253    |                |
| GRUBBING IN FILL                        | 5,600      |                |
| MUCK EXCAVATION                         | 2,200      |                |
| CULVERT INLET AND OUTLET DITCHES        | 334        |                |
| MAINTENANCE OF TRAFFIC                  | 14,500     |                |
| BOULDERS (REMOVE)                       | 1,453      |                |
| TOTAL COMMON EXCAVATION                 |            | 128,434        |
|   | <b>SAY</b> | <b>128,500</b> |

**FILL FOR BORROW CALCULATIONS**

|                                   |            |               |
|-----------------------------------|------------|---------------|
| COMMON FILL (FROM CROSS SECTIONS) | 33,665     |               |
| GRUBBING IN FILL                  | 5,600      |               |
| MUCK EXCAVATION                   | 2,200      |               |
| MAINTENANCE OF TRAFFIC            | 1,900      |               |
| TOTAL FILL                        |            | 43,365        |
|                                   | <b>SAY</b> | <b>43,400</b> |

**ROCK EXCAVATION FOR ESTIMATE**

|                                       |            |               |
|---------------------------------------|------------|---------------|
| ROCK EXCAVATION (FROM CROSS SECTIONS) | 45,821     |               |
| ROCK EXCAVATION (BOULDERS)            | 1,453      |               |
| TOTAL ROCK EXCAVATION                 |            | 47,274        |
|                                       | <b>SAY</b> | <b>47,300</b> |

**AVAILABLE COMMON EXCAVATION FOR BORROW CALCULATIONS**

|   |       |         |
|---|-------|---------|
| (1) TOTAL COMMON EXCAVATION                     |       | 128,434 |
| DEDUCTIONS:                                     |       |         |
| GRUBBING IN FILL                                | 5,600 |         |
| MUCK EXCAVATION                                 | 2,200 |         |
| (2) TOTAL DEDUCTIONS                            |       | 7,800   |
| TOTAL AVAILABLE COMMON EXCAVATION (1) MINUS (2) |       | 120,634 |
| TOTAL AVAILABLE NON-ROCK EXCAVATION             |       | 120,634 |

**COMPUTATION OF GRANULAR BORROW FOR ESTIMATE**

|                                     |                |       |
|-------------------------------------|----------------|-------|
| GRANULAR BORROW BEYOND SLOPE LIMITS | 1,734          |       |
| GRANULAR BORROW TO REPLACE MUCK     | 2,200          |       |
| GRANULAR BORROW TO MAINTAIN TRAFFIC | 2,500          |       |
| GRANULAR BORROW =                   | 6,434 x 1.15 = | 7,400 |
|                                     |                | 7,400 |

**COMPUTATION FOR COMMON BORROW FOR ESTIMATE**

|   |                  |                |
|---|------------------|----------------|
| (3) TOTAL FILL  |                  | 43,365         |
| TOTAL AVAIL. NON-ROCK EXCAV.                                | 120,634 x 0.85 = | 102,539        |
| TOTAL AVAIL. ROCK EXCAV.                                    | 47,274 x 1.33 =  | 62,874         |
| TOTAL AVAIL. STR. ROCK EXCAV.                               | 6,830 x 1.33 =   | 9,084          |
| (4) TOTAL AVAILABLE EXCAVATION                              |                  | = 174,497      |
| BORROW NEEDED = TOTAL FILL MINUS TOTAL AVAILABLE EXCAVATION |                  | -131,132       |
| <b>(4) - (3) SURPLUS MATERIAL =</b>                         |                  | <b>131,132</b> |

Date: 8/31/2018

Filename: ...0259637\006\_Notes\_General.dgn

|          |          |    |      |
|----------|----------|----|------|
| Scale:   |          |    |      |
| NO SCALE |          |    |      |
| No.      | Revision | By | Date |
|          |          |    |      |
|          |          |    |      |

|                                      |     |      |              |     |      |
|--------------------------------------|-----|------|--------------|-----|------|
| Designed by:                         |     |      |              |     |      |
| <b>JACOBS</b>                        |     |      |              |     |      |
| CONSULTANT PROJECT MANAGER: T. MORIN |     |      |              |     |      |
|                                      | By  | Date |              | By  | Date |
| Designed                             | CSM | 7-18 | Checked      | RRP | 7-18 |
| Drawn                                | AMS | 7-18 | In Charge of | TWM | 7-18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824



**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

**YORK TOLL PLAZA**

GENERAL NOTES 2 &  
EARTHWORK SUMMARY

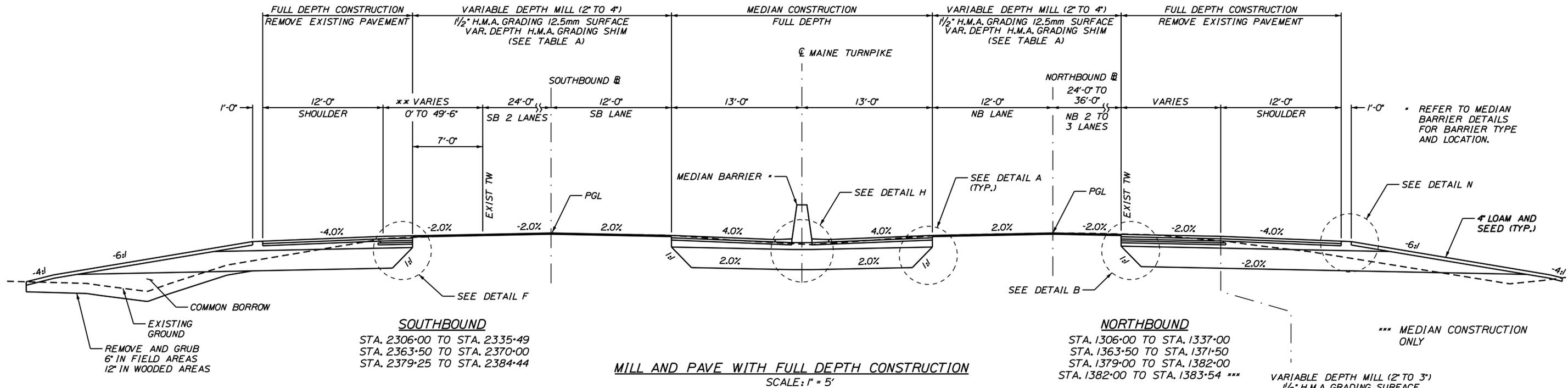
SHEET NUMBER: GN-02

CONTRACT: 2018.20

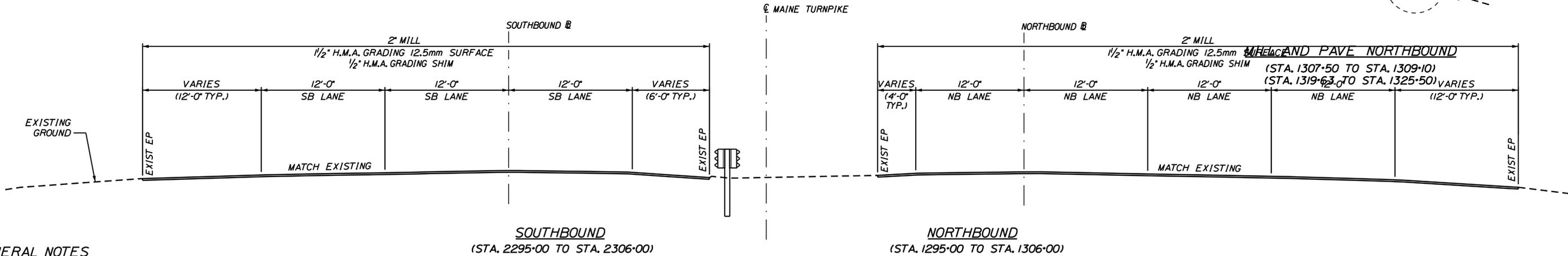
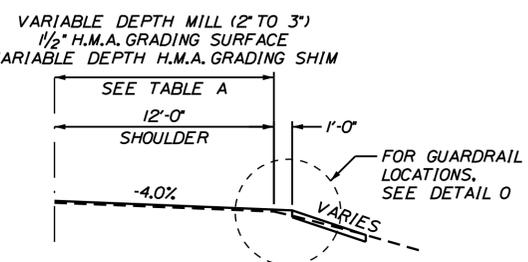
6 OF 489

Date: 8/30/2018

Filename: ...00259637\_007\_Typical\_01.dgn



\*\* STA. 2312+00 TO STA. 2321+00: SB LANE (12'-0")  
 STA. 2324+00 TO STA. 2329+43: SB 2 LANES (24'-0")



**GENERAL NOTES**

1. THE PAVEMENT, AGGREGATE BASE, AND SUBBASE DEPTHS AS SHOWN ON THE PLANS ARE INTENDED TO BE NOMINAL.
2. CROWNS FOR ALL COURSES OF SUBBASE AND PAVEMENT SHALL BE STRAIGHT.
3. ALL NECESSARY PAVEMENT CUTTING SHALL BE SAWCUT AND DONE IN SUCH A MANNER AS TO LEAVE A CLEAN VERTICAL FACE.
4. THE GRAVEL WITHIN 2' OF A SAWCUT LINE SHALL BE COMPACTED TO 98% MODIFIED PROCTOR.
5. BITUMINOUS TACK COAT IS REQUIRED BETWEEN ALL LIFTS OF PAVEMENT. BITUMINOUS TACK COAT IS REQUIRED ON ALL EXISTING PAVED OR MILLED SURFACES PRIOR TO PLACING PROPOSED PAVEMENT.
6. THE CONTRACTOR WILL NOT BE PERMITTED TO GRIND OUT OR PLACE TEMPORARY PAINTED PAVEMENT MARKINGS ON FINAL SURFACE LIFT OF PAVEMENT. THE SURFACE LIFT SHALL BE PLACED AS THE FINAL CONSTRUCTION PHASE ONCE CONCRETE BARRIER HAS BEEN INSTALLED.
7. A COATING OF HOT RUBBERIZED ASPHALT SHALL BE APPLIED TO SURFACE LAYER OF ALL SAWCUT AND PAVEMENT AND CONCRETE JOINTS PRIOR TO PAVING. REMAINDER OF SAWCUT TO BE BITUMINOUS TACK COAT. PAYMENT SHALL BE INCIDENTAL TO THE PAVEMENT ITEMS.
8. SEE MEDIAN BARRIER DETAILS FOR TYPE AND LIMITS OF BARRIER.
9. NOMINAL AGGREGATE SIZE VARIES WITH DEPTH OF SHIM; 4.75mm FOR SHIM DEPTH OF 0" TO 1/2", 12.5mm FOR SHIM DEPTH OF 1/2" TO 3".
10. FOR DETAILS A THROUGH O, SEE SHEETS 14 THROUGH 16.

Scale: AS NOTED

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | CSM | 7\18 | Checked      | RRP | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

**MAINE TURNPIKE**

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

TYPICAL SECTIONS 1

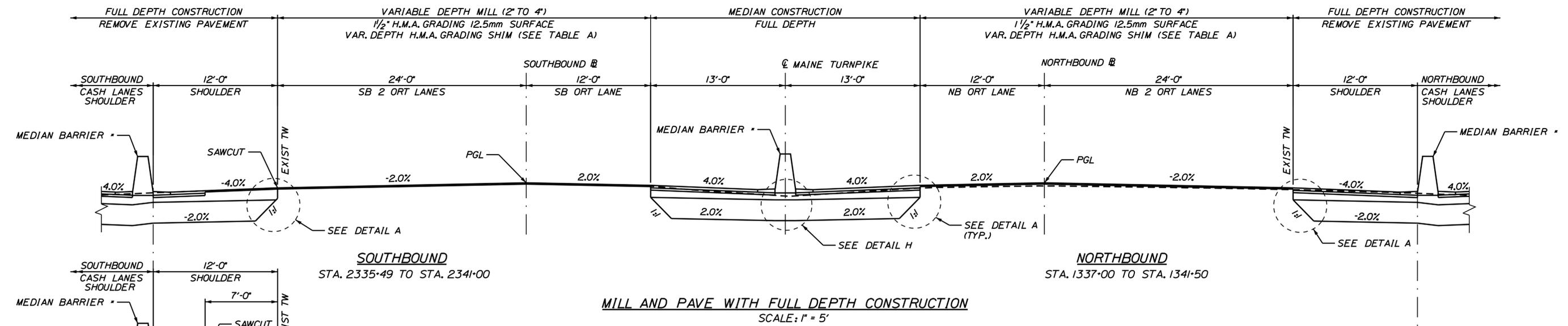
SHEET NUMBER: TY-01

CONTRACT: 2018.20

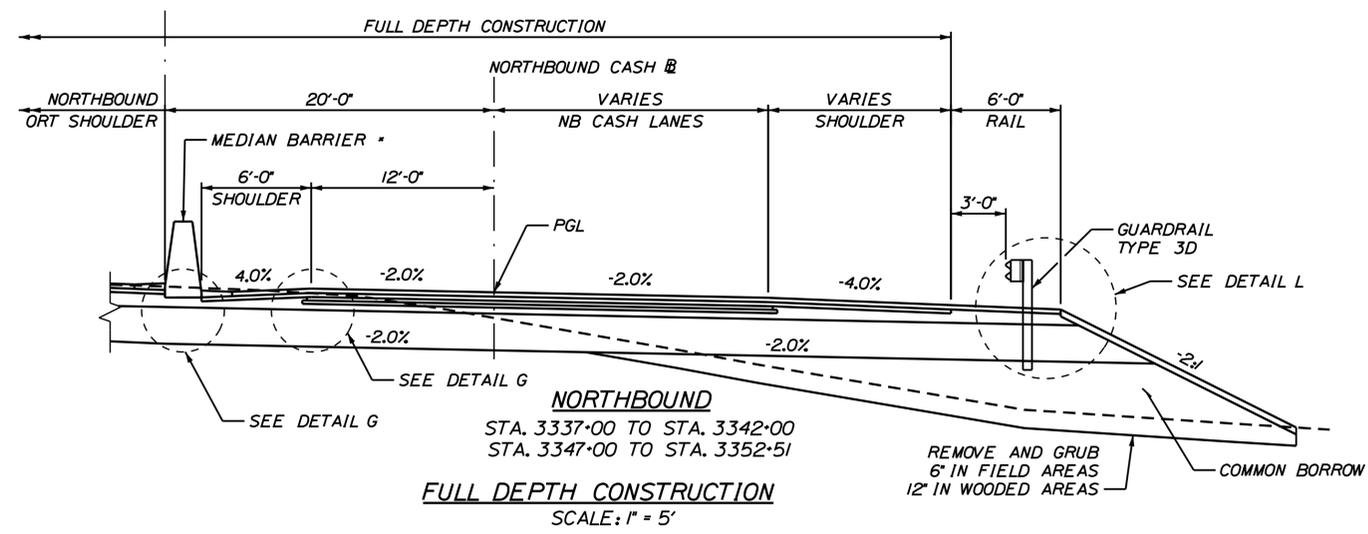
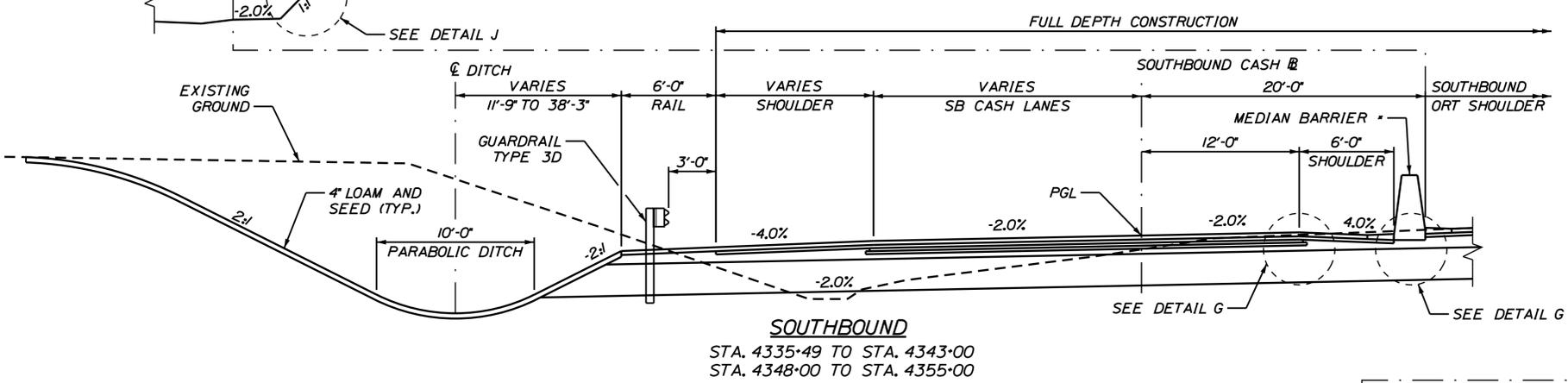
7 OF 489

Date: 8/30/2018

Filename: ...0259637\_008\_Typical\_02.dgn



\* REFER TO MEDIAN BARRIER DETAILS FOR BARRIER TYPE AND LOCATION.



NOTE:  
 SEE LEDGE ROCK CUT DETAILS  
 AND CROSS SECTIONS FOR SLOPE  
 DESIGN IN ROCK.

Scale: AS NOTED

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by: **JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | CSM | 7\18 | Checked      | RRP | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

**THE GOLD STAR  
 MEMORIAL HIGHWAY**

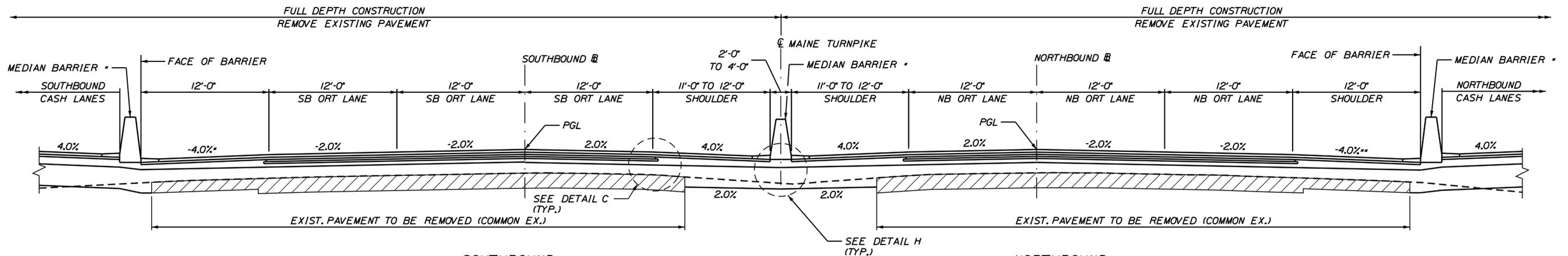
MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
 TYPICAL SECTIONS 2

SHEET NUMBER: TY-02  
 8 OF 489

CONTRACT: 2018.20

Date: 6/30/2018

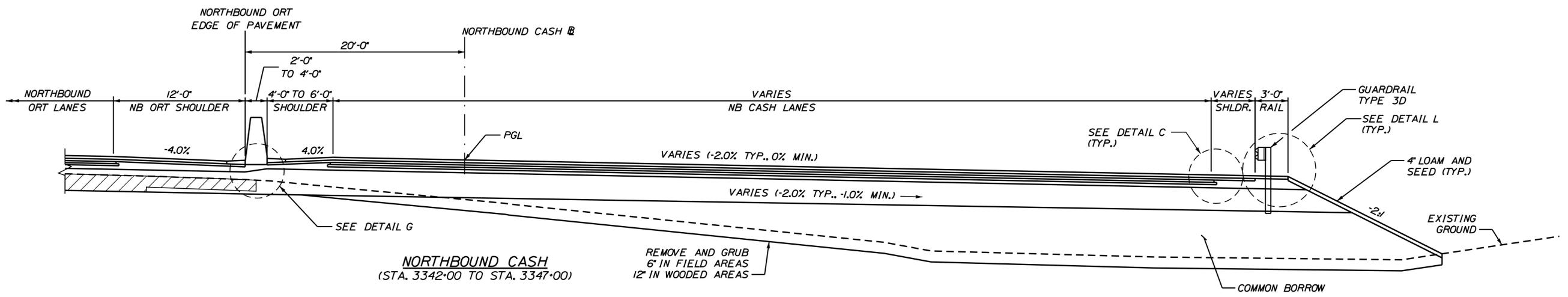


**SOUTHBOUND**  
 STA. 2341+00 TO STA. 2344+12  
 STA. 2344+77 TO STA. 2355+00

**NORTHBOUND**  
 STA. 1341+50 TO STA. 1345+23  
 STA. 1345+88 TO STA. 1352+50

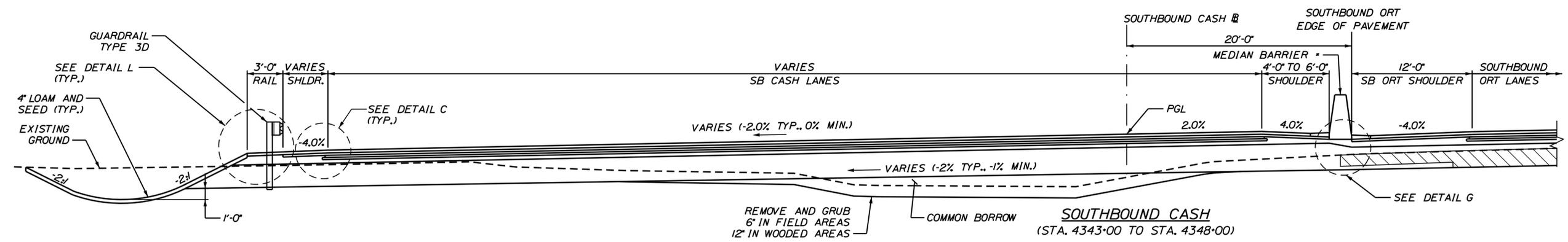
**FULL DEPTH PAVEMENT EXCAVATION**  
 SCALE: 1" = 5'

\* REFER TO MEDIAN BARRIER DETAILS FOR BARRIER TYPE AND LOCATION.



**NORTHBOUND CASH**  
 (STA. 3342+00 TO STA. 3347+00)

**FULL DEPTH CONSTRUCTION - NORTHBOUND PLAZA**  
 SCALE: 1" = 5'



**SOUTHBOUND CASH**  
 (STA. 4343+00 TO STA. 4348+00)

**FULL DEPTH CONSTRUCTION - SOUTHBOUND PLAZA**  
 SCALE: 1" = 5'

Scale: AS NOTED

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | CSM | 7\18 | Checked      | RRP | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

**MAINE TURNPIKE**

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

**YORK TOLL PLAZA**

**TYPICAL SECTIONS 3**

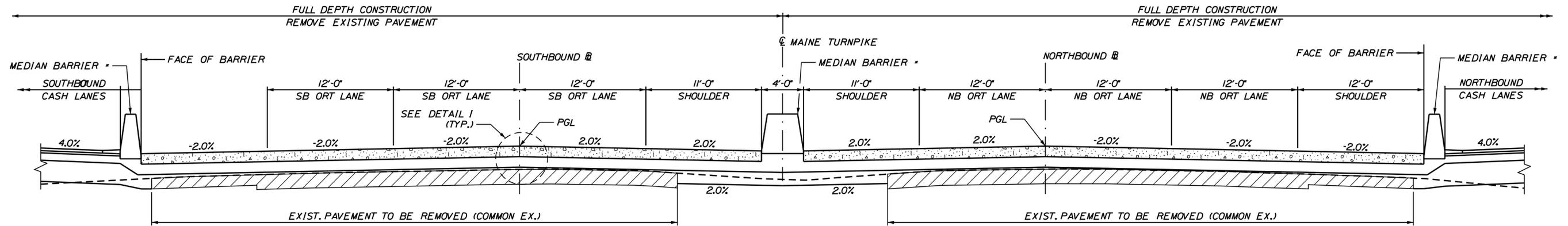
SHEET NUMBER: TY-03

CONTRACT: 2018.20

9 OF 489

Filename: ...00259637\009\_Typical\_03.dgn

Date: 8/30/2018



**SOUTHBOUND**  
STA. 2344+12 TO STA. 2344+77

**NORTHBOUND**  
STA. 1345+23 TO STA. 1345+88

**FULL DEPTH PAVEMENT EXCAVATION**  
SCALE: 1" = 5'

\* REFER TO MEDIAN BARRIER DETAILS FOR BARRIER TYPE AND LOCATION.

Filename: ... \0259637\010\_Typical\_04.dgn

| Scale:   |          |    |      |
|----------|----------|----|------|
| AS NOTED |          |    |      |
| No.      | Revision | By | Date |
|          |          |    |      |
|          |          |    |      |

|                                      |     |      |              |     |      |
|--------------------------------------|-----|------|--------------|-----|------|
| Designed by:                         |     |      |              |     |      |
| <b>JACOBS</b>                        |     |      |              |     |      |
| CONSULTANT PROJECT MANAGER: T. MORIN |     |      |              |     |      |
|                                      | By  | Date |              | By  | Date |
| Designed                             | CSM | 7\18 | Checked      | RRP | 7\18 |
| Drawn                                | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824



THE GOLD STAR  
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

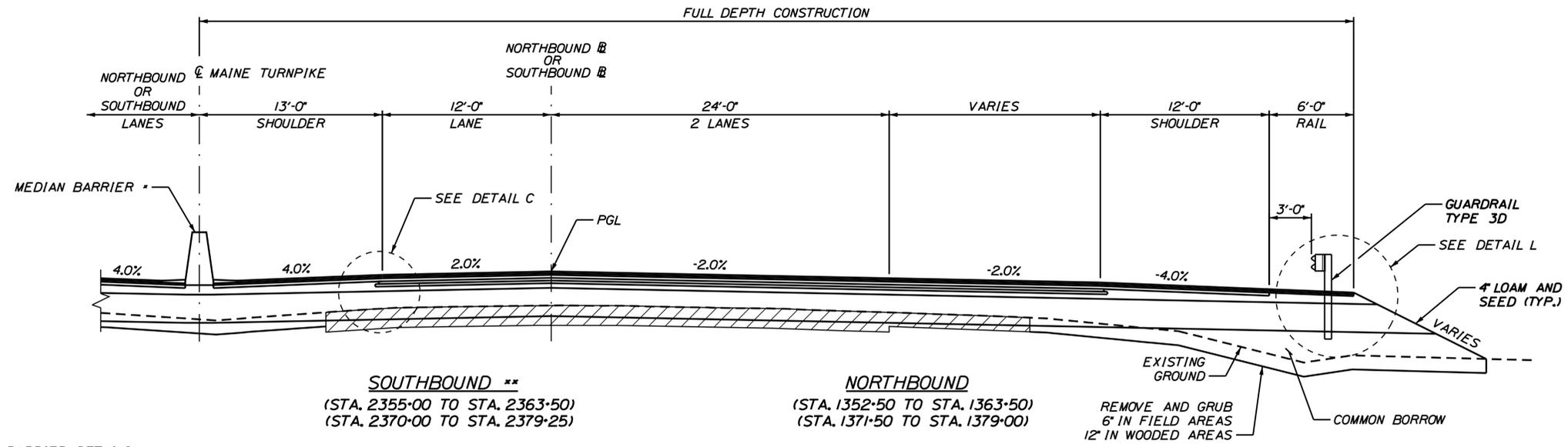
TYPICAL SECTIONS 4

SHEET NUMBER: TY-04

CONTRACT: 2018.20

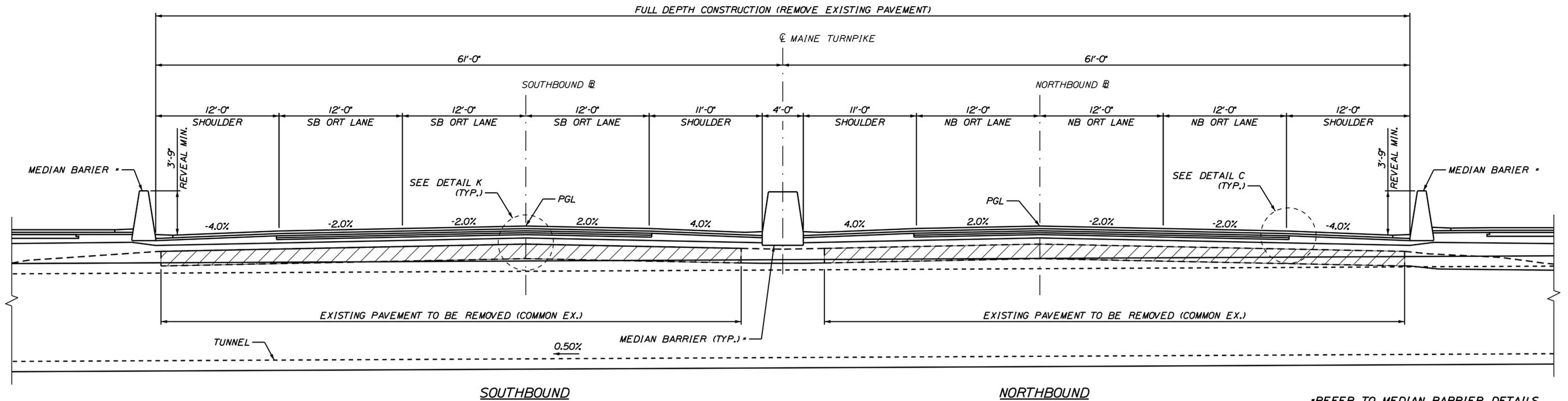
10 OF 489

Date: 6/30/2018



\* REFER TO MEDIAN BARRIER DETAILS FOR BARRIER TYPE AND LOCATION.  
 \*\* SOUTHBOUND FULL DEPTH CONSTRUCTION CONCENTRIC WITH NORTHBOUND

**FULL DEPTH CONSTRUCTION**  
 SCALE: 1" = 5'



\*REFER TO MEDIAN BARRIER DETAILS FOR BARRIER TYPE AND LOCATION.

**TUNNEL PLAZA TYPICAL**  
 SCALE: 1" = 5'  
 (STA. 345+00)

Filename: ...00259637\011\_Typical\_05.dgn

|          |          |    |      |
|----------|----------|----|------|
| Scale:   |          |    |      |
| AS NOTED |          |    |      |
| No.      | Revision | By | Date |
|          |          |    |      |

|                                      |     |      |              |     |      |
|--------------------------------------|-----|------|--------------|-----|------|
| Designed by:                         |     |      |              |     |      |
| <b>JACOBS</b>                        |     |      |              |     |      |
| CONSULTANT PROJECT MANAGER: T. MORIN |     |      |              |     |      |
|                                      | By  | Date |              | By  | Date |
| Designed                             | CSM | 7\18 | Checked      | RRP | 7\18 |
| Drawn                                | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

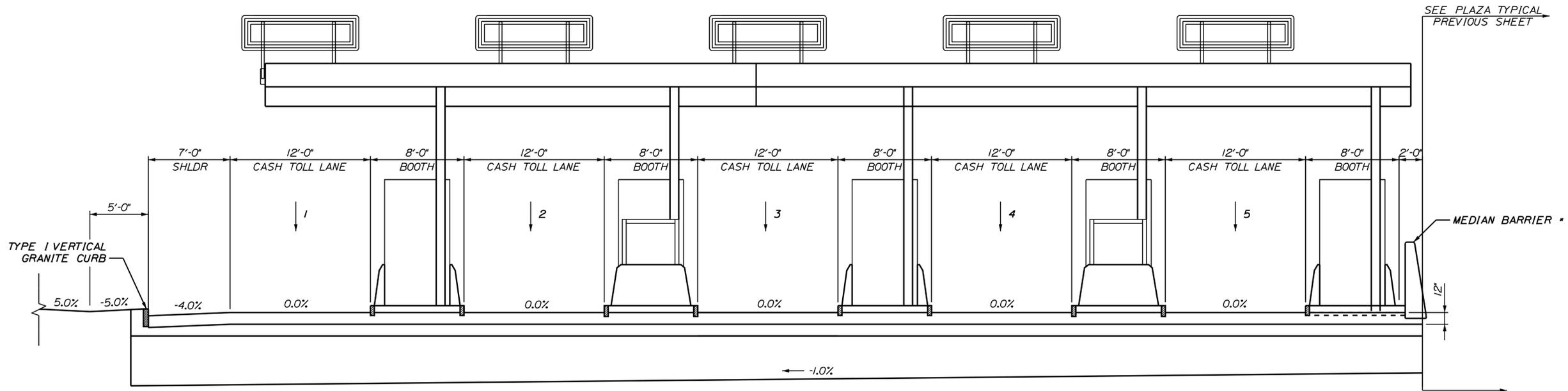
YORK TOLL PLAZA

TYPICAL SECTIONS 5

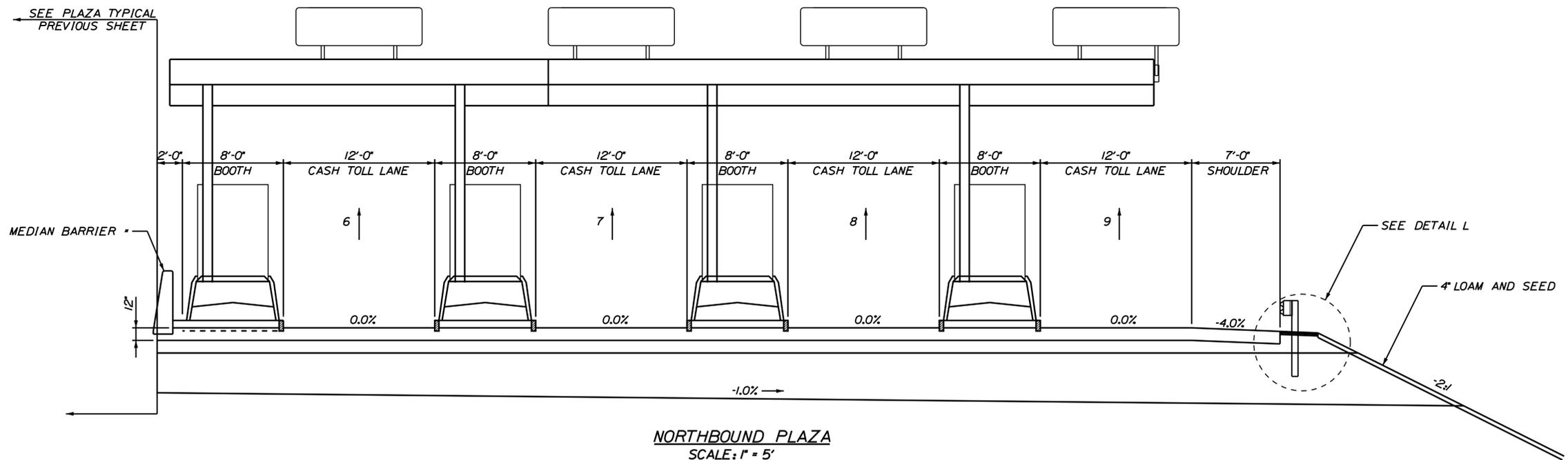
SHEET NUMBER: TY-05  
11 OF 489

CONTRACT: 2018.20

Date: 8/30/2018



**SOUTHBOUND PLAZA**  
SCALE: 1" = 5'  
(STA. 4345+15.25 TO STA. 4345+88.91)



**NORTHBOUND PLAZA**  
SCALE: 1" = 5'  
(STA. 3344+11.09 TO STA. 3344+84.76)

\* REFER TO MEDIAN BARRIER DETAILS FOR BARRIER TYPE AND LOCATION.

Scale: AS NOTED

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | CSM | 7\18 | Checked      | RRP | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

**MAINE TURNPIKE**

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
TYPICAL SECTIONS 6

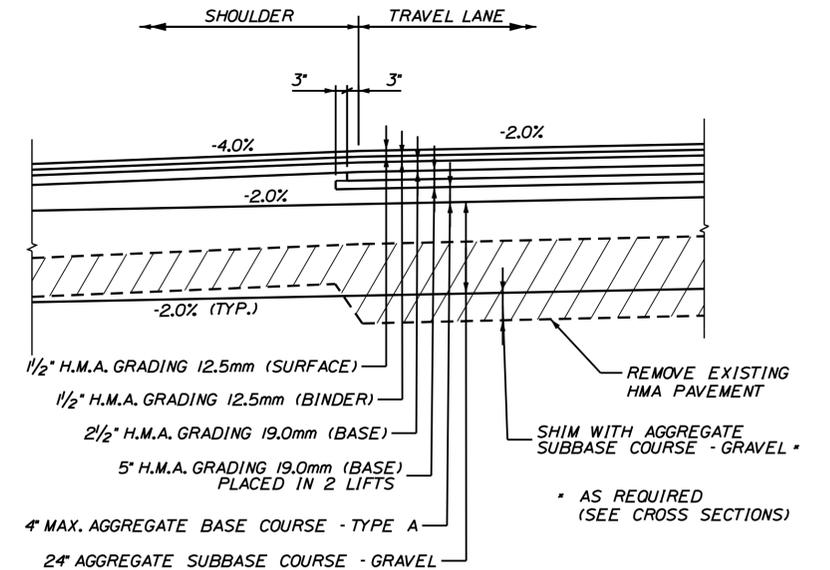
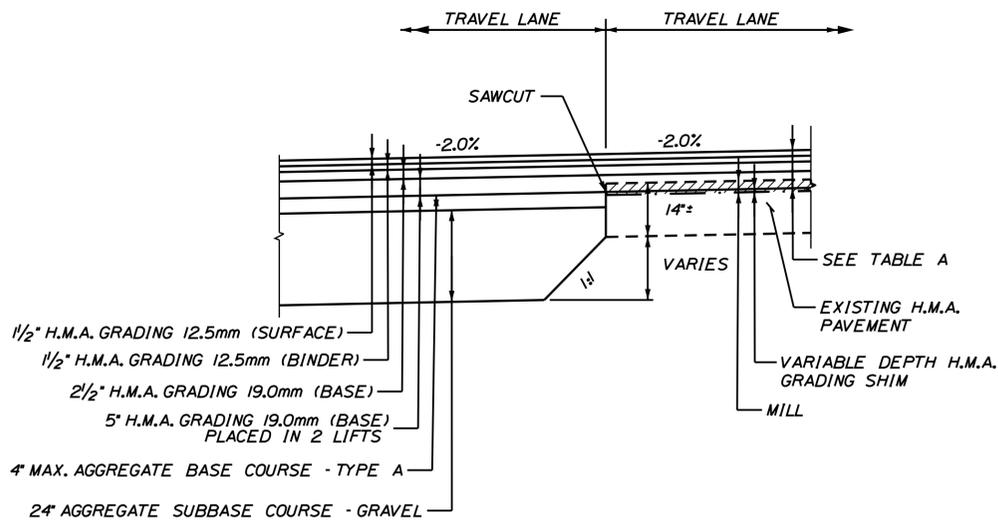
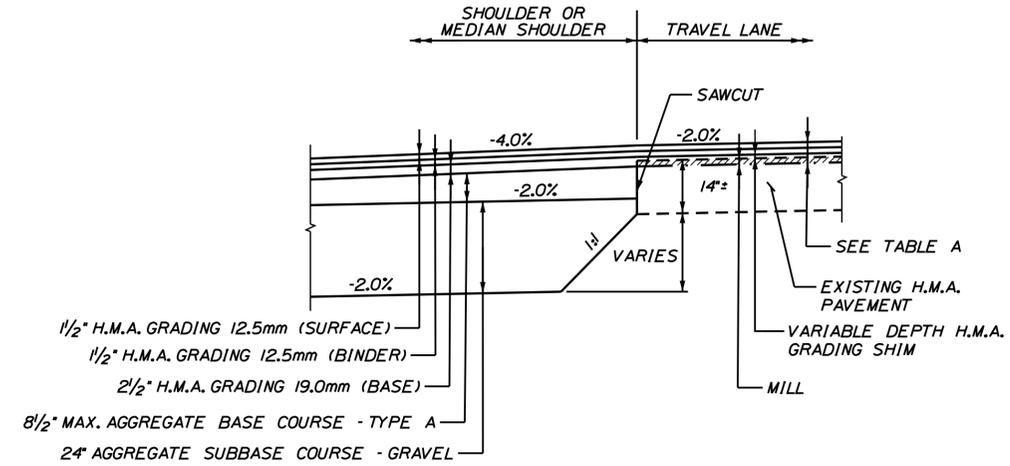
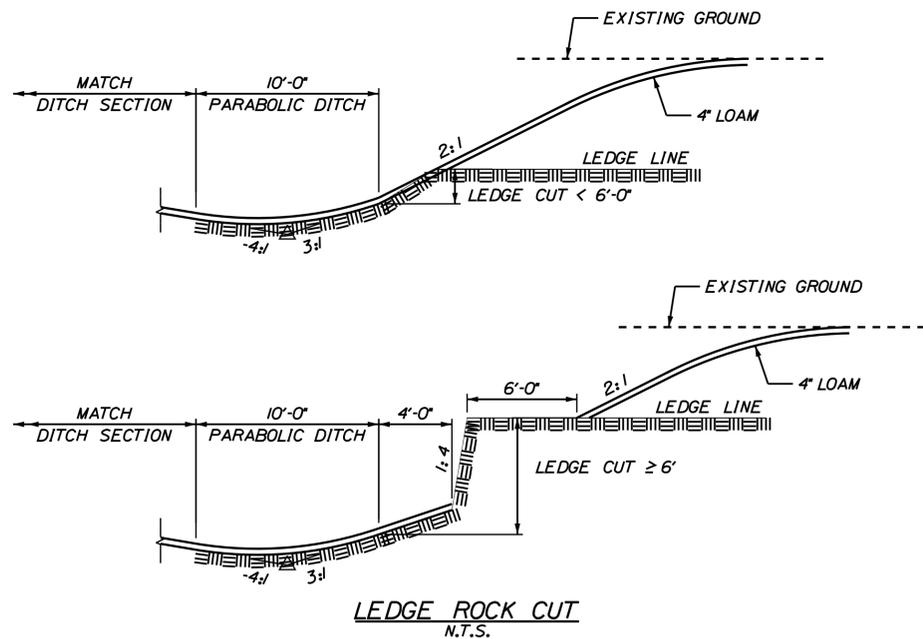
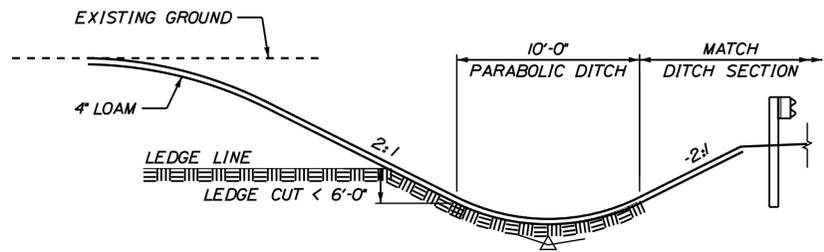
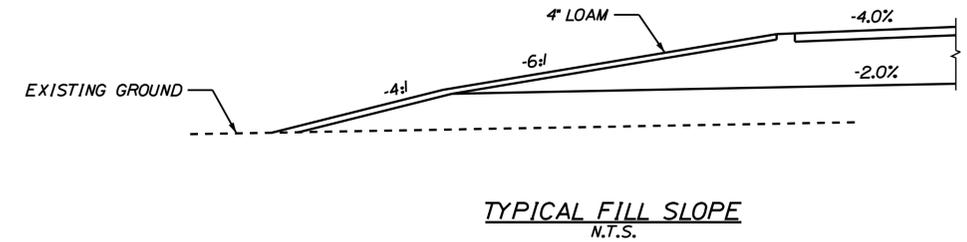
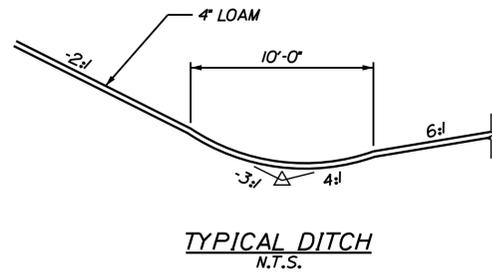
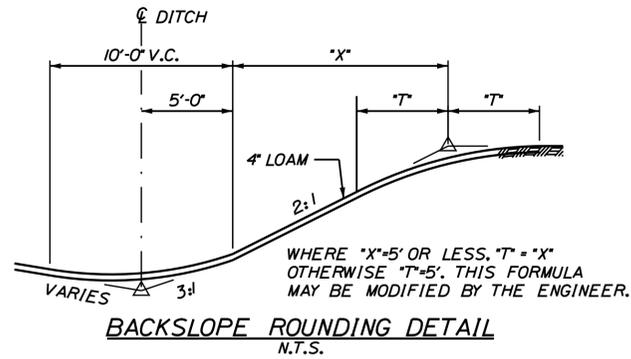
SHEET NUMBER: TY-06  
CONTRACT: 2018.20  
12 OF 489

Filename: ... \00259637\012\_Typical\_06.dgn



Date: 6/30/2018

Filename: ...0259637.014\_Typical\_08.dgn



Scale: AS NOTED

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | CSM | 7\18 | Checked      | RRP | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

**MAINE TURNPIKE**

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

TYPICAL SECTIONS & DETAILS 1

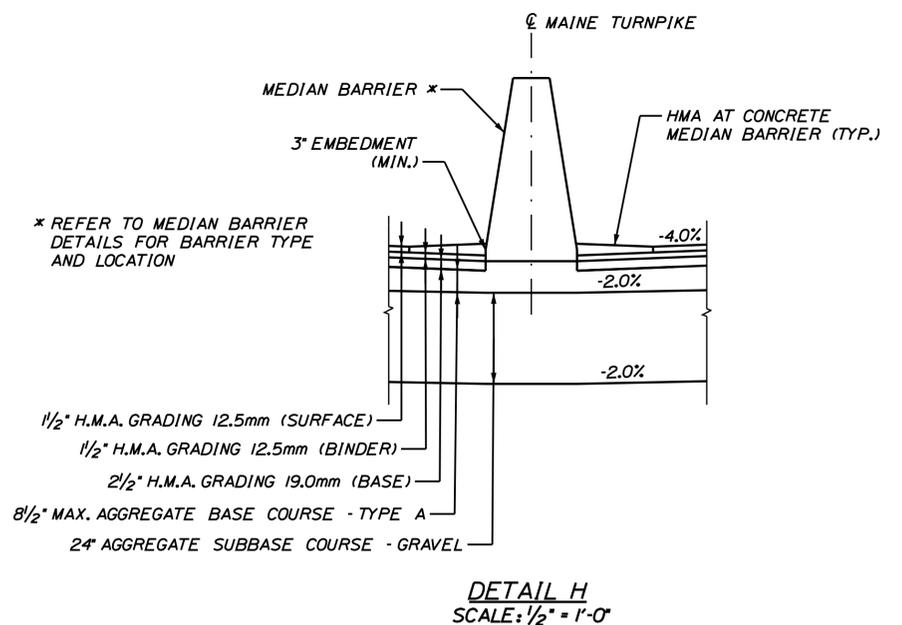
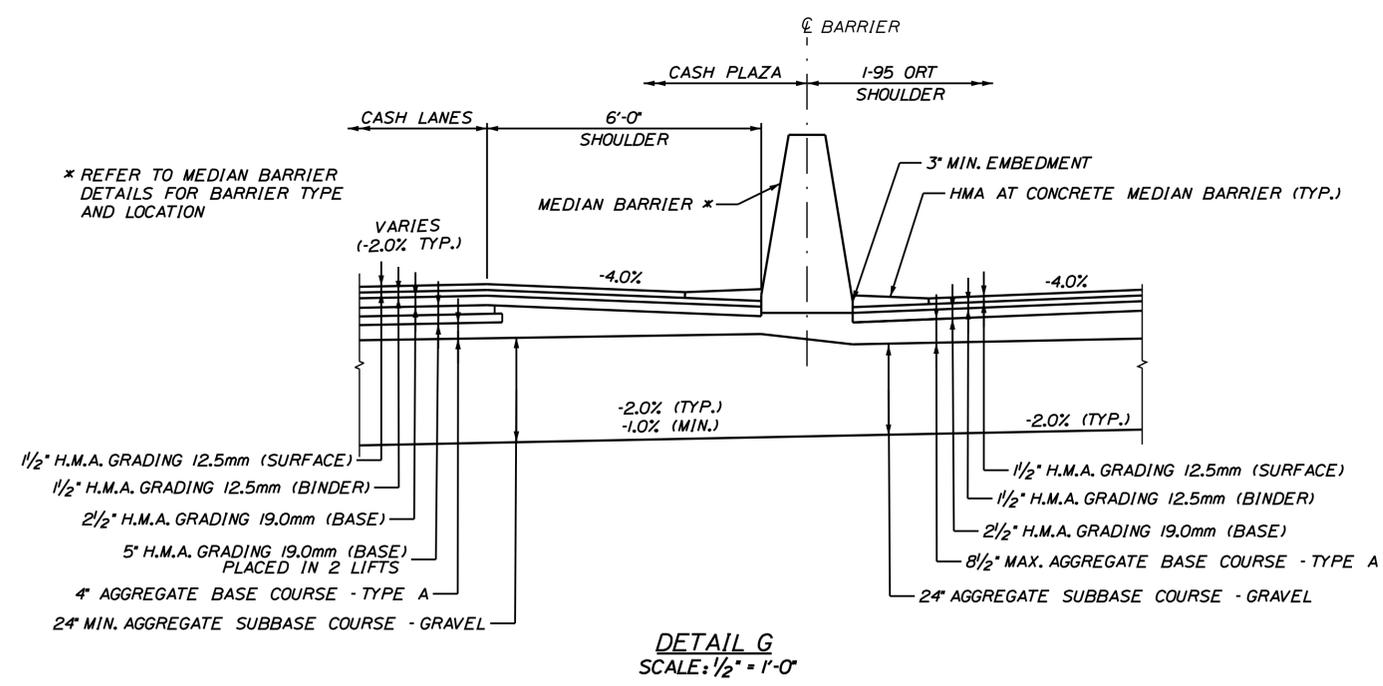
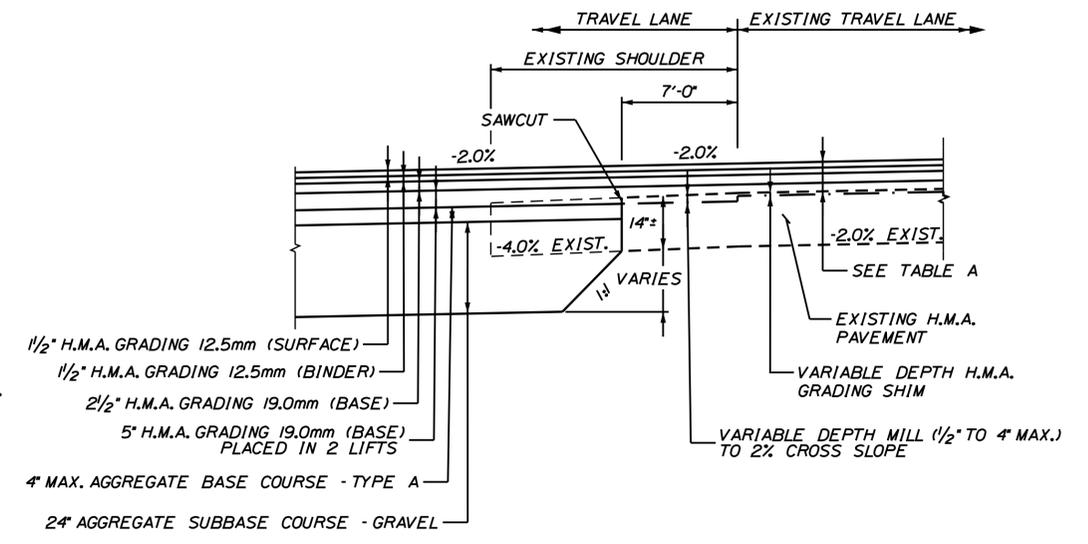
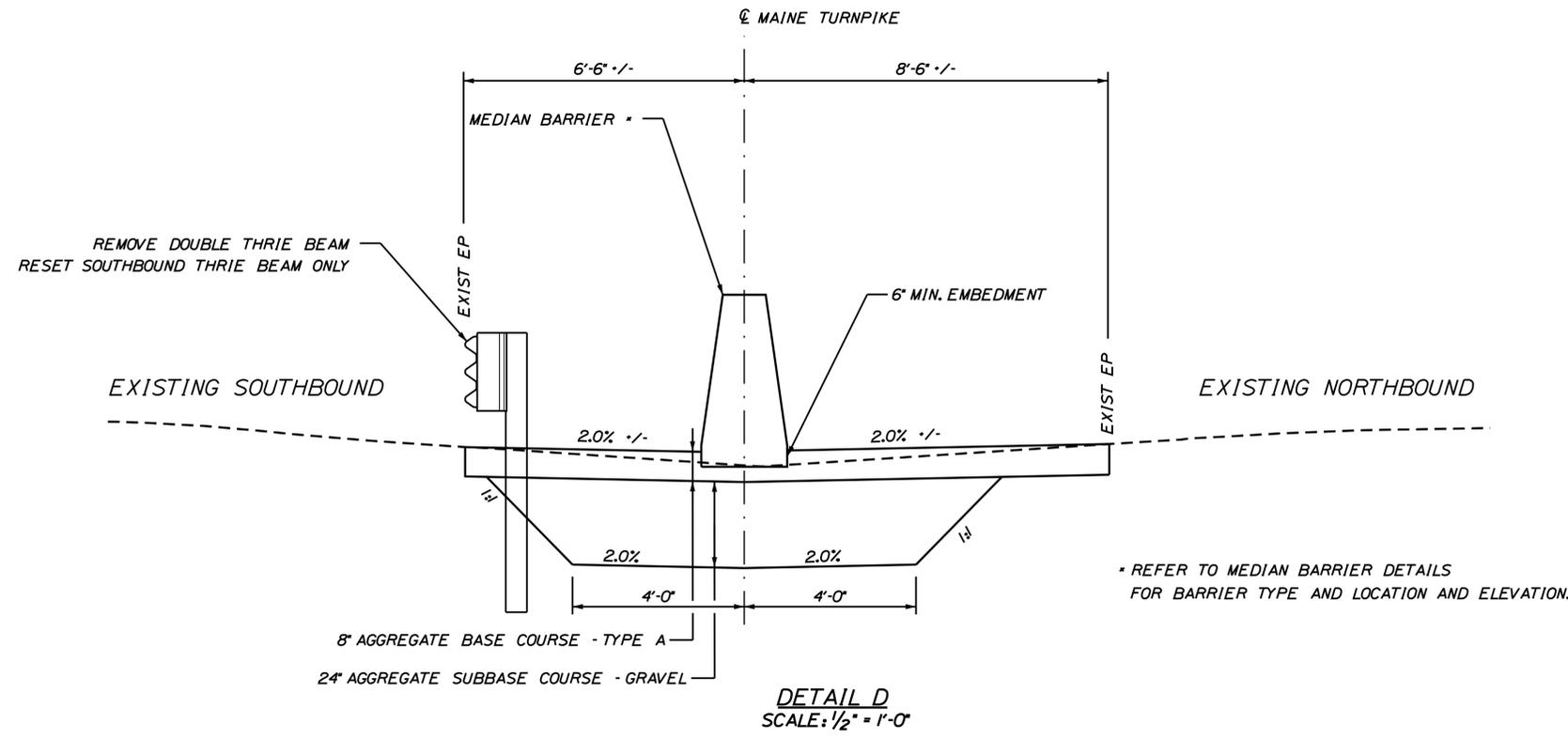
SHEET NUMBER: TY-08

CONTRACT: 2018.20

14 OF 489

Date: 8/31/2018

Filename: ... \0259637\015\_Typical\_09.dgn



Scale: AS NOTED

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | CSM | 7-18 | Checked      | RRP | 7-18 |
| Drawn    | AMS | 7-18 | In Charge of | TWM | 7-18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

**MAINE TURNPIKE**

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

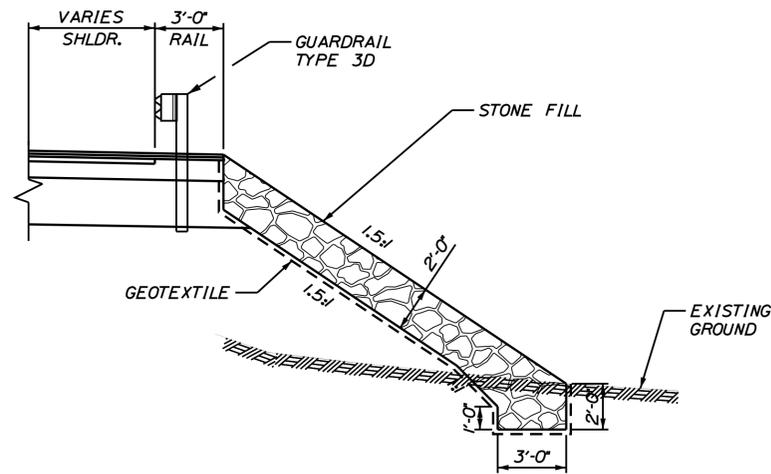
TYPICAL SECTIONS & DETAILS 2

SHEET NUMBER: TY-09

CONTRACT: 2018.20

15 OF 489





**STONE SLOPE DETAIL**  
N.T.S.

**NORTHBOUND**  
STA. 1314+25 TO STA. 1315+25  
(PERMANENT)  
STA. 1345+00 TO STA. 1349+20  
(PERMANENT)

**SOUTHBOUND**  
STA. 2360+00 TO STA. 2360+75  
(FOR TEMPORARY WIDENING)

STA. 1355+75 TO STA. 1357+25  
(FOR TEMPORARY WIDENING)

| FINISHED GRADE RELATIVE TO EXISTING GRADE ELEVATION | MILL DEPTH                      | PROPOSED PAVEMENT LAYERS OVER TRAVEL LANE (SEE NOTE 1)   |
|---|---------------------------------|--|
| -2.0" UP TO 0.0"                                    | VARIABLE DEPTH<br>MILL 4" TO 2" | 1 1/2" H.M.A. GRADING 12.5 mm (SURFACE)<br>H.M.A. GRADING SHIM (0.5") (SEE NOTE 3)<br>24" WIDE INLAY - 1 1/2" H.M.A. GRADING 12.5 mm (BINDER)<br>12" WIDE INLAY - 2 1/2" H.M.A. GRADING 19.0 mm (BINDER)   |
| 0.0" UP TO 1.0"                                     | MILL 2"                         | 1 1/2" H.M.A. GRADING 12.5 mm (SURFACE)<br>VARIABLE DEPTH GRADING SHIM (0.0" to 1.5") (SEE NOTE 3)<br>24" WIDE INLAY - 1 1/2" H.M.A. GRADING 12.5 mm (BINDER)<br>12" WIDE INLAY - 2 1/2" H.M.A. GRADING 19.0 mm (BINDER)                             |
| 1.0" UP TO 3.5"                                     | MILL 2"                         | 1 1/2" H.M.A. GRADING 12.5 mm (SURFACE)<br>1 1/2" H.M.A. GRADING 12.5 mm (BINDER)<br>VARIABLE DEPTH GRADING SHIM (0.0" to 2.5") (SEE NOTE 3)<br>12" WIDE INLAY - 1 1/2" H.M.A. GRADING 12.5 mm (BINDER)  |
| 3.5" UP TO 6.0"                                     | 0"                              | 1 1/2" H.M.A. GRADING 12.5 mm (SURFACE)<br>1 1/2" H.M.A. GRADING 12.5 mm (BINDER)<br>2 1/2" H.M.A. GRADING 19.0 mm (BINDER)<br>VARIABLE DEPTH GRADING SHIM (0.0" to 2.5") (SEE NOTE 3)   |
| 6.0" UP TO 9.0"+                                    | 0"                              | 1 1/2" H.M.A. GRADING 12.5 mm (SURFACE)<br>1 1/2" H.M.A. GRADING 12.5 mm (BINDER)<br>2 1/2" H.M.A. GRADING 19.0 mm (BINDER)<br>5" H.M.A. GRADING 19.0 mm (BASE) IN 2 LIFTS AT 2" MIN LIFT<br>VARIABLE DEPTH GRADING SHIM (0.0" to 2.5") (SEE NOTE 3) |

**TABLE A**

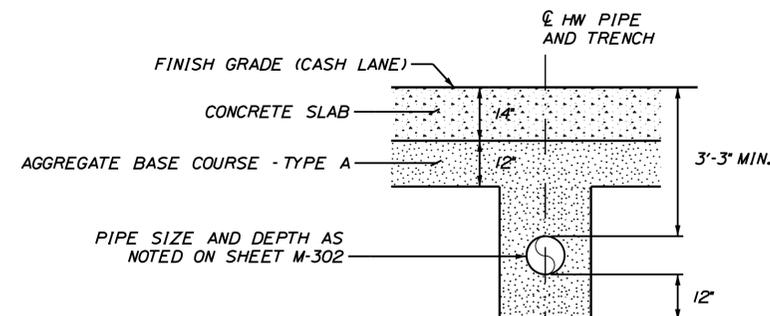
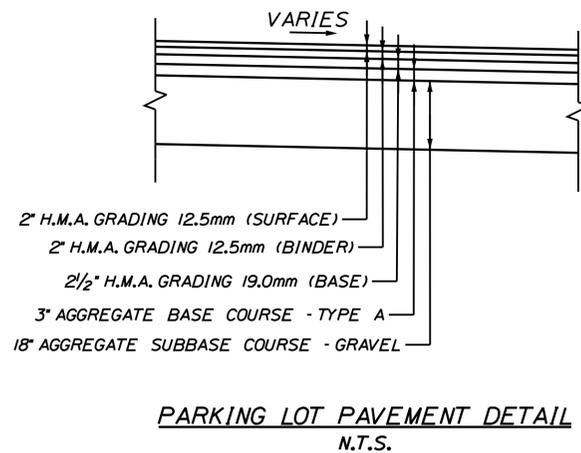
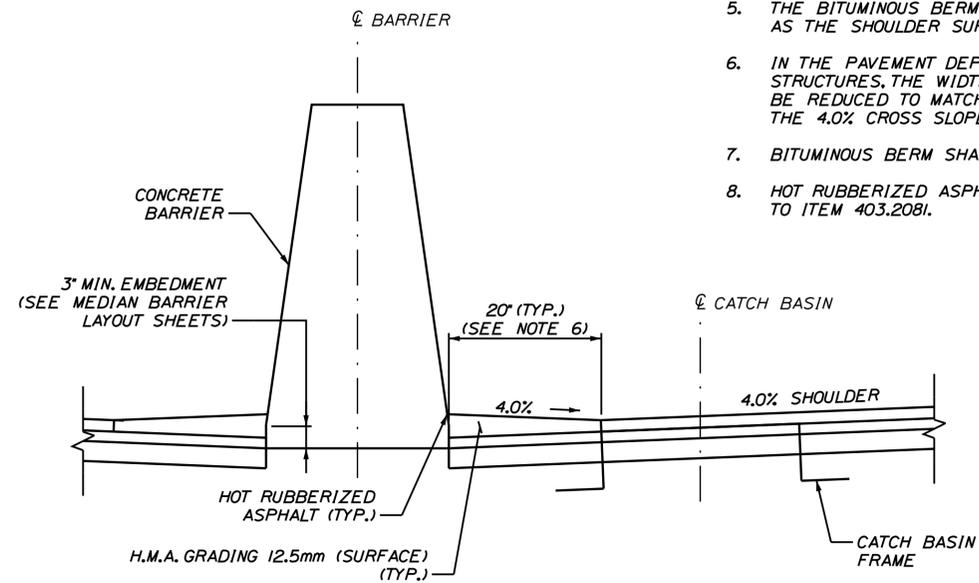
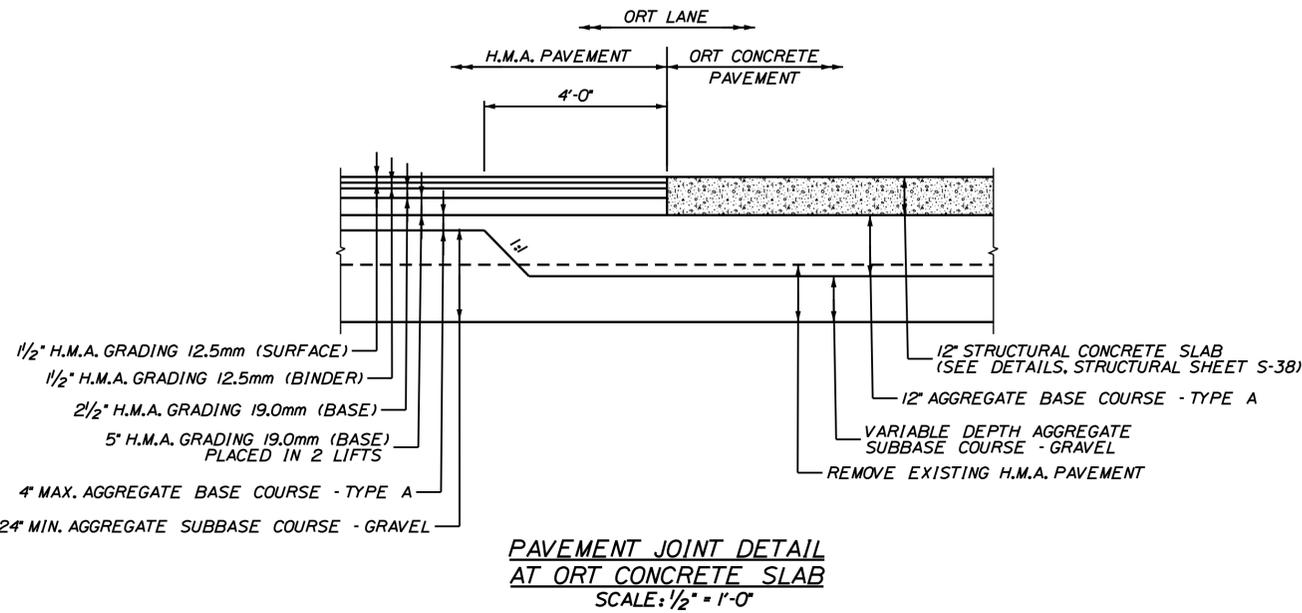
**NOTES:**

1. THE PROPOSED FINISHED GRADE ELEVATION RELATIVE TO THE EXISTING PAVEMENT ELEVATION VARIES. USE FULL THICKNESS PROPOSED PAVEMENT LIFTS OVER EXISTING MILLED PAVEMENT. USE H.M.A. GRADING SHIM FROM THE BOTTOM OF A FULL PAVEMENT LIFT TO THE MILLED PAVEMENT SURFACE.
2. PAVEMENT INLAY REQUIRES VARIABLE DEPTH MILLING OF THE EXISTING PAVEMENT FROM THE SAWCUT LINE FOR THE WIDTH SPECIFIED TO ACCOMMODATE THE PAVEMENT LIFT THICKNESS.
3. NOMINAL AGGREGATE SIZE VARIES WITH THE DEPTH OF SHIM: 4.75 mm FOR SHIM DEPTH OF 0" TO 1/2"; 12.5 mm FOR SHIM DEPTH OF 1 1/2" TO 3".

| Scale:<br><b>AS NOTED</b>  | Designed by:<br><b>JACOBS</b> | JACOBS ENGINEERING GROUP<br>120 ST. JAMES AVENUE<br>BOSTON, MA 02116<br>TEL (617) 242-9222<br>FAX (617) 242-9824 |  | <b>THE GOLD STAR<br/>MEMORIAL HIGHWAY</b> | <b>YORK TOLL PLAZA</b><br><br>TYPICAL SECTIONS & DETAILS 4 |    |      |          |     |                                      |         |   |      |       |     |      |              |     |      |                                 |  |  |  |
|--|-------------------------------|--|---|---|--|----|------|----------|-----|--------------------------------------|---------|---|------|-------|-----|------|--------------|-----|------|---------------------------------|--|--|--|
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>No.</th> <th>Revision</th> <th>By</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>   |                               | No.  | Revision  | By  | Date   |    |      |          |     | CONSULTANT PROJECT MANAGER: T. MORIN |         | SHEET NUMBER: TY-11<br>CONTRACT: 2018.20<br>17 OF 489 |      |       |     |      |              |     |      |                                 |  |  |  |
| No.  | Revision                      | By   | Date  |   |  |    |      |          |     |                                      |         |   |      |       |     |      |              |     |      |                                 |  |  |  |
|  |                               |  |   |   |  |    |      |          |     |                                      |         |   |      |       |     |      |              |     |      |                                 |  |  |  |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th> </th> <th>By</th> <th>Date</th> <th> </th> <th>By</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>Designed</td> <td>CSM</td> <td>7\18</td> <td>Checked</td> <td>RRP</td> <td>7\18</td> </tr> <tr> <td>Drawn</td> <td>AMS</td> <td>7\18</td> <td>In Charge of</td> <td>TWM</td> <td>7\18</td> </tr> </tbody> </table> |                               |  | By  | Date                                      |  | By | Date | Designed | CSM | 7\18                                 | Checked | RRP   | 7\18 | Drawn | AMS | 7\18 | In Charge of | TWM | 7\18 | MTA PROJECT MANAGER: R. NORWOOD |  |  |  |
|  | By                            | Date   |   | By  | Date   |    |      |          |     |                                      |         |   |      |       |     |      |              |     |      |                                 |  |  |  |
| Designed   | CSM                           | 7\18   | Checked   | RRP                                       | 7\18   |    |      |          |     |                                      |         |   |      |       |     |      |              |     |      |                                 |  |  |  |
| Drawn  | AMS                           | 7\18   | In Charge of  | TWM                                       | 7\18   |    |      |          |     |                                      |         |   |      |       |     |      |              |     |      |                                 |  |  |  |

Date: 6/30/2018

Filename: ...0259637\018\_Typical\_12.dgn



**NOTES:**

1. THE BITUMINOUS BERM SHALL BE PLACED IN HMA PAVEMENT SHOULDERS ALONG MEDIAN AND CASH LANE BARRIERS.
2. THE SLOPE OF THE BITUMINOUS BERM SHALL REMAIN CONSTANT AT 4.0%.
3. BITUMINOUS BERM SHALL BE PLACED ON HMA GRADING 12.5mm (BINDER).
4. BEFORE PLACING THE BITUMINOUS BERM, THE HMA GRADING (BINDER) AND FACE OF CONCRETE BARRIER SHALL BE UNIFORMLY COVERED WITH BITUMINOUS TACK COAT.
5. THE BITUMINOUS BERM SHALL BE PLACED AT THE SAME TIME AS THE SHOULDER SURFACE COURSE.
6. IN THE PAVEMENT DEPRESSION AREAS AT DRAINAGE STRUCTURES, THE WIDTH OF THE BITUMINOUS BERM SHALL BE REDUCED TO MATCH AT THE CATCH BASIN FRAME. THE 4.0% CROSS SLOPE SHALL REMAIN CONSTANT.
7. BITUMINOUS BERM SHALL BE PAID FOR UNDER ITEM 403.2081.
8. HOT RUBBERIZED ASPHALT SHALL BE CONSIDERED INCIDENTAL TO ITEM 403.2081.

- NOTES:**
1. EXCAVATION SUBSIDIARY TO CANOPY FOOTING CONSTRUCTION.

Scale: AS NOTED

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | CSM | 7\18 | Checked      | RRP | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

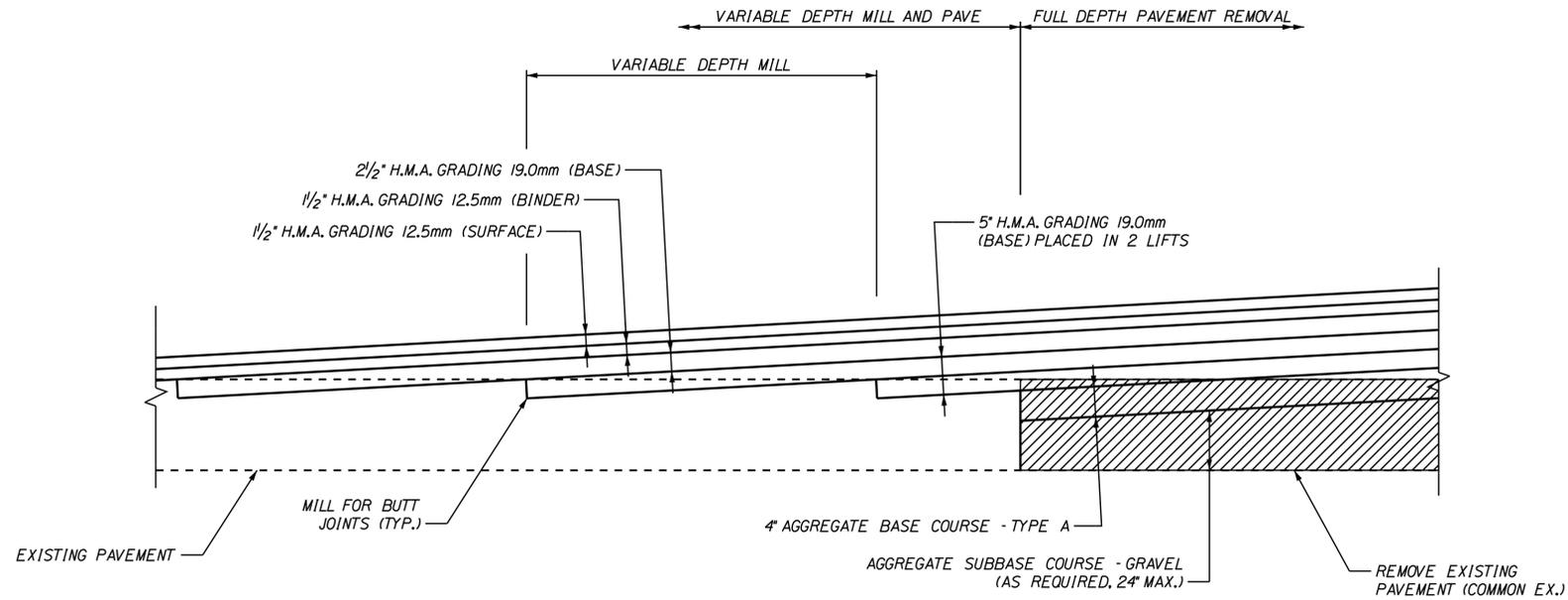
TYPICAL SECTIONS & DETAILS 5

SHEET NUMBER: TY-12

CONTRACT: 2018.20

18 OF 489

Date: 8/30/2018

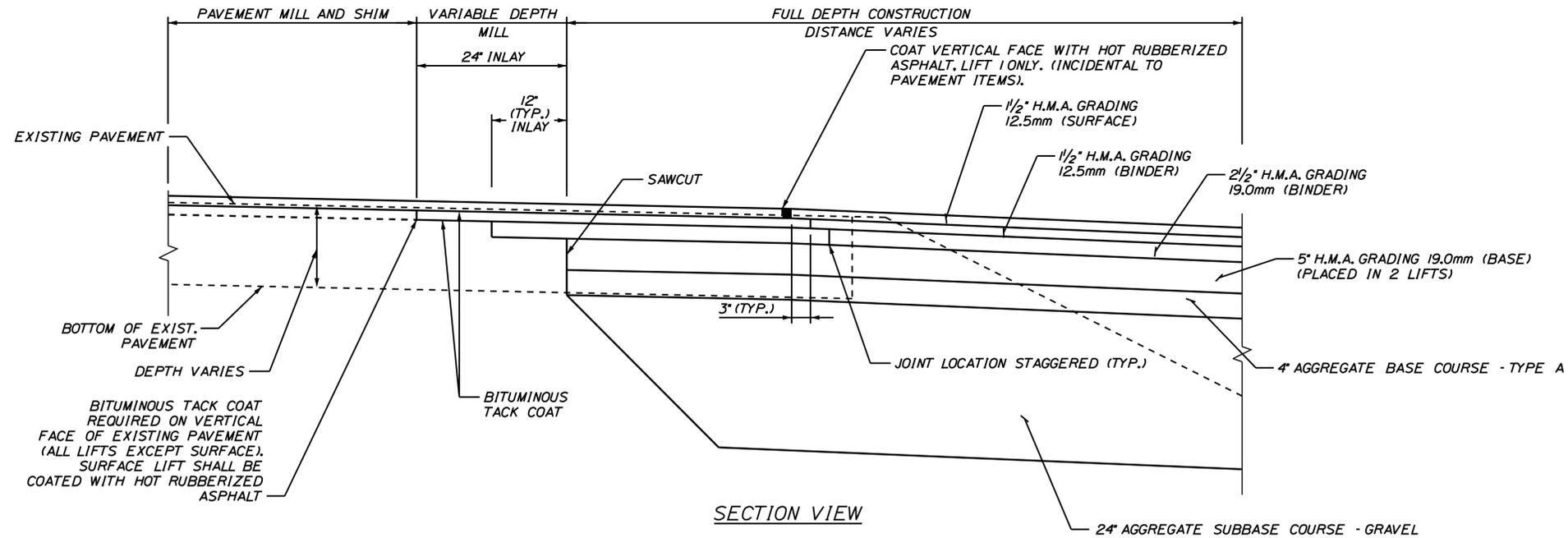


PROFILE VIEW

PAVEMENT MILL TRANSITION DETAIL  
NOT TO SCALE

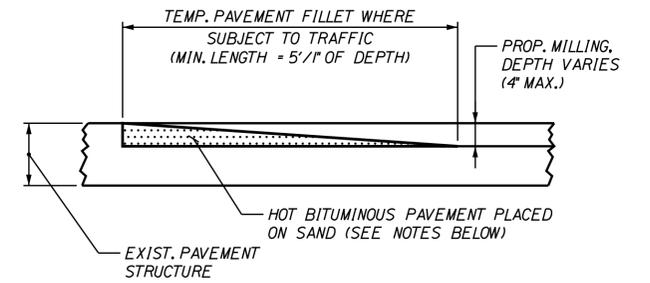
**NOTES:**

1. FULL DEPTH PAVEMENT REMOVAL SHALL BE PAID FOR AS COMMON EXCAVATION. EXISTING PAVEMENT THICKNESS HAS BEEN ESTIMATED TO BE A MINIMUM OF 12".
2. BITUMINOUS TACK COAT IS REQUIRED BETWEEN ALL LIFTS OF PAVEMENT, OR AS DIRECTED BY RESIDENT. BITUMINOUS TACK COAT IS REQUIRED ON ALL EXISTING PAVED OR MILLED SURFACES PRIOR TO PLACING PROPOSED PAVEMENT.
3. A COATING OF HOT RUBBERIZED ASPHALT SHALL BE APPLIED TO SURFACE LAYER OF ALL SAWCUT AND PAVEMENT JOINTS PRIOR TO PAVING. REMAINDER OF SAWCUT TO BE BITUMINOUS TACK COAT. PAYMENT SHALL BE INCIDENTAL TO THE PAVEMENT ITEMS.
4. SHOULDER PAVEMENT TRANSITIONS SHALL ALIGN WITH MAINLINE TRANSITIONS.



SECTION VIEW

PAVEMENT JOINT DETAIL  
1" = 1'-0"



TEMPORARY BITUMINOUS RAMP  
NOT TO SCALE

**NOTES:**

1. HOT MIX ASPHALT FOR TEMPORARY RAMPS SHALL BE MEASURED FOR PAYMENT UNDER ITEM 403.213.
2. REMOVAL OF TEMP. RAMP(S) WILL NOT BE MEASURED SEPARATELY FOR PAYMENT, BUT SHALL BE INCIDENTAL TO ITEM 403.213.

Filename: ...:\0259637\019\_Typical\_13.dgn

|          |          |    |      |
|----------|----------|----|------|
| Scale:   |          |    |      |
| AS NOTED |          |    |      |
| No.      | Revision | By | Date |
|          |          |    |      |

|                                      |     |      |              |     |      |
|--------------------------------------|-----|------|--------------|-----|------|
| Designed by:                         |     |      |              |     |      |
| <b>JACOBS</b>                        |     |      |              |     |      |
| CONSULTANT PROJECT MANAGER: T. MORIN |     |      |              |     |      |
|                                      | By  | Date |              | By  | Date |
| Designed                             | CSM | 7\18 | Checked      | RRP | 7\18 |
| Drawn                                | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

THE GOLD STAR  
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

TYPICAL SECTIONS & DETAILS 6

SHEET NUMBER: TY-13

CONTRACT: 2018.20

19 OF 489

Date: 8/28/2018

Filename: ... \020-023\_Drainage\_Summary\_Sheets.dgn

| STATION                     | CULVERT PIPE |        |       |              |        |          |        |            |        |    |    |         | CATCH BASIN | PIPE ARCH | MH | UNDERDRAIN |      |      |        |             |                          | ELBOWS, TEES, WYES AND INLET GRATE UNITS | REMARKS |             |        |              |            |        |
|-----------------------------|--------------|--------|-------|--------------|--------|----------|--------|------------|--------|----|----|---------|-------------|-----------|----|------------|------|------|--------|-------------|--------------------------|--|---------|-------------|--------|--------------|------------|--------|
|                             | RCP          |        |       | DUCTILE IRON |        | OPTION I |        | OPTION III |        | BI | B5 | SPECIAL |             |           |    | F          | SPAN | RISE | LENGTH | TYPE B      |                          |  |         | TYPE C      |        | DESCRIPTIONS |            |        |
|                             | SIZE         | LENGTH | CLASS | SIZE         | LENGTH | SIZE     | LENGTH | SIZE       | LENGTH |    |    |         |             |           |    |            |      |      |        | SMOOTHLINED | CORRUGATED               |  |         | SMOOTHLINED |        |              | CORRUGATED |        |
|                             |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             |                          |  |         | SIZE        | LENGTH |              | SIZE       | LENGTH |
| CATCH BASINS AND MANHOLES   |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             |                          |  |         |             |        |              |            |        |
| STA. 281+92.14, 3.25' RT.   |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | FLAT TOP                 |  |         |             |        |              |            |        |
| STA. 281+92.14, 3.25' LT.   |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | FLAT TOP                 |  |         |             |        |              |            |        |
| STA. 309+05.00, 3.25' RT.   |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | FLAT TOP                 |  |         |             |        |              |            |        |
| STA. 309+05.00, 3.25' LT.   |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | FLAT TOP                 |  |         |             |        |              |            |        |
| STA. 309+82.43, 11.25' RT.  |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | FLAT TOP                 |  |         |             |        |              |            |        |
| STA. 309+82.43, 3.25' RT.   |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | FLAT TOP                 |  |         |             |        |              |            |        |
| STA. 309+82.43, 3.25' LT.   |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | FLAT TOP                 |  |         |             |        |              |            |        |
| STA. 309+82.43, 11.25' LT.  |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | FLAT TOP                 |  |         |             |        |              |            |        |
| STA. 309+82.43, 59.15' LT.  |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             |                          |  |         |             |        |              |            |        |
| STA. 309+82.43, 67.15' LT.  |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             |                          |  |         |             |        |              |            |        |
| STA. 310+60.00, 3.25' RT.   |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | FLAT TOP                 |  |         |             |        |              |            |        |
| STA. 310+60.00, 3.25' LT.   |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | FLAT TOP                 |  |         |             |        |              |            |        |
| STA. 311+38.00, 3.25' RT.   |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | TYPE 6 - DOGHOUSE        |  |         |             |        |              |            |        |
| STA. 312+59.97, 125.43' RT. |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | OUTLET CONTROL STRUCTURE |  |         |             |        |              |            |        |
| STA. 313+87.77, 3.25' RT.   |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | FLAT TOP                 |  |         |             |        |              |            |        |
| STA. 313+87.77, 3.25' LT.   |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | FLAT TOP                 |  |         |             |        |              |            |        |
| STA. 317+87.73, 3.25' RT.   |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | FLAT TOP                 |  |         |             |        |              |            |        |
| STA. 317+87.73, 3.25' LT.   |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | FLAT TOP                 |  |         |             |        |              |            |        |
| STA. 322+87.19, 3.25' RT.   |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | FLAT TOP                 |  |         |             |        |              |            |        |
| STA. 322+87.19, 3.25' LT.   |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | FLAT TOP                 |  |         |             |        |              |            |        |
| STA. 327+64.00, 3.25' RT.   |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | DOGHOUSE                 |  |         |             |        |              |            |        |
| STA. 327+64.00, 3.25' LT.   |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | DOGHOUSE                 |  |         |             |        |              |            |        |
| STA. 332+80.00, 3.25' RT.   |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | FLAT TOP                 |  |         |             |        |              |            |        |
| STA. 332+80.00, 3.25' LT.   |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | FLAT TOP                 |  |         |             |        |              |            |        |
| STA. 333+63.53, 11.25' RT.  |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             |                          |  |         |             |        |              |            |        |
| STA. 333+63.53, 3.25' RT.   |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | FLAT TOP                 |  |         |             |        |              |            |        |
| STA. 333+58.30, 3.25' LT.   |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | FLAT TOP                 |  |         |             |        |              |            |        |
| STA. 333+58.30, 11.25' LT.  |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | FLAT TOP                 |  |         |             |        |              |            |        |
| STA. 333+75.07, 96.56' LT.  |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             |                          |  |         |             |        |              |            |        |
| STA. 333+75.11, 90.51' RT.  |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             |                          |  |         |             |        |              |            |        |
| STA. 333+75.43, 82.52' RT.  |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             |                          |  |         |             |        |              |            |        |
| STA. 333+75.55, 88.58' LT.  |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             |                          |  |         |             |        |              |            |        |
| STA. 334+35.00, 3.25' RT.   |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | FLAT TOP                 |  |         |             |        |              |            |        |
| STA. 334+35.00, 3.25' LT.   |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | FLAT TOP                 |  |         |             |        |              |            |        |
| STA. 335+52.00, 3.25' LT.   |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | FLAT TOP                 |  |         |             |        |              |            |        |
| STA. 335+52.00, 58.75' LT.  |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | FLAT TOP                 |  |         |             |        |              |            |        |
| STA. 335+78.83, 65.25' LT.  |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | FLAT TOP                 |  |         |             |        |              |            |        |
| STA. 337+28.00, 58.75' RT.  |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | FLAT TOP                 |  |         |             |        |              |            |        |
| STA. 337+50.00, 65.25' RT.  |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | FLAT TOP                 |  |         |             |        |              |            |        |
| STA. 338+08.48, 130.87' LT. |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | TYPE 6                   |  |         |             |        |              |            |        |
| STA. 341+79.80, 168.00' LT. |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | TYPE 6                   |  |         |             |        |              |            |        |
| STA. 341+96.32, 257.48' LT. |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | OUTLET CONTROL STRUCTURE |  |         |             |        |              |            |        |
| STA. 342+10.73, 243.51' LT. |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | TYPE 6                   |  |         |             |        |              |            |        |
| STA. 342+23.39, 231.22' LT. |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | OUTLET CONTROL STRUCTURE |  |         |             |        |              |            |        |
| STA. 343+20.33, 168.00' LT. |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | TYPE 6                   |  |         |             |        |              |            |        |
| STA. 343+35.01, 58.75' RT.  |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | FLAT TOP                 |  |         |             |        |              |            |        |
| STA. 343+35.01, 3.87' RT.   |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | FLAT TOP                 |  |         |             |        |              |            |        |
| STA. 343+35.01, 3.88' LT.   |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | FLAT TOP                 |  |         |             |        |              |            |        |
| STA. 343+35.01, 58.75' LT.  |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | FLAT TOP                 |  |         |             |        |              |            |        |
| STA. 343+63.52, 270.92' LT. |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             |                          |  |         |             |        |              |            |        |
| STA. 344+02.04, 168.50' LT. |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             |                          |  |         |             |        |              |            |        |
| STA. 344+43.33, 199.00' LT. |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | TYPE 6                   |  |         |             |        |              |            |        |
| STA. 344+78.52, 270.89' LT. |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             |                          |  |         |             |        |              |            |        |
| STA. 345+15.84, 199.00' LT. |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | TYPE 6                   |  |         |             |        |              |            |        |
| STA. 345+38.88, 168.50' LT. |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             |                          |  |         |             |        |              |            |        |
| STA. 350+00.00, 65.25' RT.  |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             |                          |  |         |             |        |              |            |        |
| STA. 350+00.00, 58.75' RT.  |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             |                          |  |         |             |        |              |            |        |
| STA. 350+00.00, 3.25' RT.   |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             |                          |  |         |             |        |              |            |        |
| STA. 350+00.00, 3.25' LT.   |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             |                          |  |         |             |        |              |            |        |
| STA. 350+00.00, 58.75' LT.  |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             |                          |  |         |             |        |              |            |        |
| STA. 350+00.00, 65.25' LT.  |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | FLAT TOP                 |  |         |             |        |              |            |        |
| STA. 352+23.00, 65.25' RT.  |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             |                          |  |         |             |        |              |            |        |
| STA. 352+47.92, 110.99' RT. |              |        |       |              |        |          |        |            |        |    |    |         |             |           |    |            |      |      |        |             | TYPE 6                   |  |         |             |        |              |            |        |

Scale: N.T.S.

| No. | Revision |
|-----|----------|
|     |          |
|     |          |
|     |          |
|     |          |



|   |      |              |      |           |        |
|---|------|--------------|------|-----------|--------|
| CONSULTANT PROJECT MANAGER: S. SAWYER, P.E. |      |              |      |           |        |
| By  | Date | By           | Date | By        | Date   |
| Designed RLM                                | 7/18 | Checked DLR  | 7/18 | Drawn BRL | 7/18   |
|   |      | In Charge of | ---  |           | ---/-- |

SEBAGO TECHNICS  
 75 JOHN ROBERTS ROAD,  
 SUITE 4A  
 SOUTH PORTLAND, ME 04106  
 TEL (207) 200-2100



THE GOLD STAR  
 MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
 DRAINAGE SUMMARY SHEET

CONTRACT: 2018.20

SHEET NUMBER: DS-01

20 OF 489

Date: 8/28/2018

Filename: ... \020-023\_Drainage\_Summary\_Sheets.dgn

| STATION  | CULVERT PIPE |        |       |              |        |          |        |            |        |    |    |      | CATCH BASIN | PIPE ARCH | MH | UNDERDRAIN |      |      |        |        |        | ELBOWS, TEES, WYES AND INLET GRATE UNITS | REMARKS |             |            |              |             |            |             |            |             |            |
|--|--------------|--------|-------|--------------|--------|----------|--------|------------|--------|----|----|------|-------------|-----------|----|------------|------|------|--------|--------|--------|--|---------|-------------|------------|--------------|-------------|------------|-------------|------------|-------------|------------|
|  | RCP          |        |       | DUCTILE IRON |        | OPTION I |        | OPTION III |        | BI | B5 | A1-C |             |           |    | F          | SPAN | RISE | LENGTH | TYPE B |        |  |         | TYPE C      |            | DESCRIPTIONS |             |            |             |            |             |            |
|  | SIZE         | LENGTH | CLASS | SIZE         | LENGTH | SIZE     | LENGTH | SIZE       | LENGTH |    |    |      |             |           |    |            |      |      |        | SIZE   | LENGTH |  |         | SMOOTHLINED | CORRUGATED |              | SMOOTHLINED | CORRUGATED | SMOOTHLINED | CORRUGATED | SMOOTHLINED | CORRUGATED |
|  |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| <i>CATCH BASINS AND MANHOLES</i>                           |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 352+47.92, 58.75' RT.                                 |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 353+96.62, 166.24' RT.                                |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 354+34.92, 3.25' RT.                                  |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 354+34.92, 3.25' LT.                                  |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 354+34.92, 58.75' LT.                                 |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 354+72.04, 58.75' LT.                                 |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 354+72.04, 65.25' LT.                                 |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 354+92.93, 151.55' RT.                                |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 359+60.00, 3.25' RT.                                  |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 359+60.00, 3.25' LT.                                  |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 360+00.18, 75.49' LT.                                 |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 360+00.50, 83.49' LT.                                 |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 360+16.12, 83.50' RT.                                 |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 360+16.12, 75.50' RT.                                 |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 360+16.12, 11.25' RT.                                 |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 360+16.12, 3.25' RT.                                  |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 360+21.86, 3.25' LT.                                  |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 360+21.86, 11.25' LT.                                 |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 360+96.00, 3.25' RT.                                  |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 360+96.00, 3.25' LT.                                  |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 370+34.38, 3.25' RT.                                  |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 370+34.38, 3.25' LT.                                  |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 374+96.00, 3.25' RT.                                  |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 374+96.00, 3.25' LT.                                  |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 375+56.22, 71.50' RT.                                 |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 375+56.22, 63.50' RT.                                 |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 375+56.22, 11.25' RT.                                 |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 375+56.22, 3.25' RT.                                  |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 375+60.13, 3.25' LT.                                  |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 375+60.13, 11.25' LT.                                 |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 375+60.13, 63.50' LT.                                 |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 375+60.13, 71.50' LT.                                 |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 380+83.87, 3.25' RT.                                  |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 380+83.87, 3.25' LT.                                  |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| <i>CULVERT PIPES</i>                                       |              |        |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 281+92.14, 3.25' LT. TO STA. 281+92.14, 3.25' RT.     | 12'          | 3'     |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 309+05.00, 3.25' LT. TO STA. 309+05.00, 3.25' RT.     | 15'          | 3'     |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 309+05.00, 3.25' RT. TO STA. 309+82.43, 3.25' RT.     | 15'          | 73'    |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 309+82.43, 100.15' LT. TO STA. 309+82.43, 67.15' LT.  | 15'          | 31'    |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 309+82.43, 67.15' LT. TO STA. 309+82.43, 59.15' LT.   | 15'          | 4'     |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 309+82.43, 11.25' LT. TO STA. 309+82.43, 3.25' LT.    | 15'          | 4'     |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 309+82.43, 3.25' LT. TO STA. 309+82.43, 3.25' RT.     | 15'          | 3'     |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 309+82.43, 3.25' RT. TO STA. 309+82.43, 11.25' RT.    | 15'          | 4'     |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 309+82.43, 3.25' RT. TO STA. 310+60.00, 3.25' RT.     | 15'          | 74'    |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 310+60.00, 3.25' LT. TO STA. 310+60.00, 3.25' RT.     | 15'          | 3'     |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 310+60.00, 3.25' RT. TO STA. 311+38.00, 3.25' RT.     | 15'          | 74'    |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 312+59.97, 125.43' RT. TO STA. 311+89.03, 128.24' RT. |              |        |       |              |        |          |        | 12'        | 69'    |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 313+87.77, 3.25' LT. TO STA. 313+87.77, 3.25' RT.     | 12'          | 3'     |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 317+87.73, 3.25' LT. TO STA. 317+87.73, 3.25' RT.     | 12'          | 3'     |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 322+87.19, 3.25' LT. TO STA. 322+87.19, 3.25' RT.     | 12'          | 3'     |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 330+03.61, 127.81' RT. TO STA. 330+24.62, 106.37' RT. | 30'          | 30'    |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 332+24.32, 97.35' LT. TO STA. 332+41.99, 115.38' LT.  | 30'          | 25'    |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 332+80.00, 3.25' LT. TO STA. 332+80.00, 3.25' RT.     | 15'          | 3'     |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 332+80.00, 3.25' RT. TO STA. 333+63.53, 3.25' RT.     | 15'          | 80'    |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 333+36.98, 124.31' LT. TO STA. 333+37.46, 96.29' LT.  | 12'          | 28'    |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 333+63.53, 3.25' RT. TO STA. 333+63.53, 11.25' RT.    | 15'          | 4'     |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 333+63.53, 3.25' RT. TO STA. 333+58.30, 3.25' LT.     | 15'          | 4'     |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 333+63.53, 3.25' RT. TO STA. 334+35.00, 3.25' RT.     | 15'          | 68'    |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 333+63.53, 11.25' RT. TO STA. 333+75.43, 82.52' RT.   | 18'          | 68'    |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 333+58.30, 11.25' LT. TO STA. 333+58.30, 3.25' LT.    | 15'          | 4'     |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 333+73.40, 124.00' LT. TO STA. 333+75.07, 96.56' LT.  | 15'          | 25'    |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |
| STA. 333+73.90, 120.72' RT. TO STA. 333+75.11, 90.51' RT.  | 18'          | 28'    |       |              |        |          |        |            |        |    |    |      |             |           |    |            |      |      |        |        |        |  |         |             |            |              |             |            |             |            |             |            |

Scale: N.T.S.

| No. | Revision |
|-----|----------|
|     |          |
|     |          |
|     |          |



|   |      |                  |         |    |      |
|---|------|------------------|---------|----|------|
| CONSULTANT PROJECT MANAGER: S. SAWYER, P.E. |      |                  |         |    |      |
| By  | Date | By               | Date    | By | Date |
| Designed RLM                                | 7/18 | Checked DLR      | 7/18    |    |      |
| Drawn BRJ                                   | 7/18 | In Charge of --- | ---/--- |    |      |

SEBAGO TECHNICS  
 75 JOHN ROBERTS ROAD,  
 SUITE 4A  
 SOUTH PORTLAND, ME 04106  
 TEL (207) 200-2100



THE GOLD STAR  
 MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
 DRAINAGE SUMMARY SHEET

CONTRACT: 2018.20

SHEET NUMBER: DS-02

21 OF 489

Date: 8/28/2018

Filename: ... \020-023\_Drainage\_Summary\_Sheets.dgn

| STATION  | CULVERT PIPE |        |       |              |        |       |          |        |       |            |        |       | CATCH BASIN | PIPE ARCH | MH | UNDERDRAIN  |            |        |    |         |   | ELBOWS, TEES, WYES AND INLET GRATE UNITS | REMARKS |      |      |        |             |        |             |        |            |        |
|--|--------------|--------|-------|--------------|--------|-------|----------|--------|-------|------------|--------|-------|-------------|-----------|----|-------------|------------|--------|----|---------|---|--|---------|------|------|--------|-------------|--------|-------------|--------|------------|--------|
|  | RCP          |        |       | DUCTILE IRON |        |       | OPTION I |        |       | OPTION III |        |       |             |           |    | TYPE B      |            | TYPE C |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
|  | SIZE         | LENGTH | CLASS | SIZE         | LENGTH | CLASS | SIZE     | LENGTH | CLASS | SIZE       | LENGTH | CLASS |             |           |    | SMOOTHLINED | CORRUGATED | BI     | B5 | SPECIAL | F |  |         | SPAN | RISE | LENGTH | SMOOTHLINED |        | SMOOTHLINED |        | CORRUGATED |        |
|  |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        | SIZE        | LENGTH | SIZE        | LENGTH | SIZE       | LENGTH |
| CULVERT PIPES  |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 333-73.90, 120.72' RT. TO STA. 333-75.11, 90.51' RT.  |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 333-75.07, 96.56' LT. TO STA. 333-75.55, 88.58' LT.   |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 333-75.11, 90.51' RT. TO STA. 333-75.43, 82.52' RT.   |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 334-35.00, 3.25' LT. TO STA. 334-35.00, 3.25' RT.     |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 334-35.00, 3.25' LT. TO STA. 335-52.00, 3.25' LT.     |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 335-52.00, 58.75' LT. TO STA. 335-78.83, 65.25' LT.   |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 335-78.83, 132.00' LT. TO STA. 335-78.83, 65.25' LT.  |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 336-62.04, 91.96' LT. TO STA. 336-62.78, 134.33' LT.  |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 336-99.04, 142.69' LT. TO STA. 338-08.48, 130.87' LT. |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 337-28.00, 58.75' RT. TO STA. 337-50.00, 65.25' RT.   |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 337-50.00, 65.25' RT. TO STA. 337-50.00, 136.33' RT.  |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 338-08.48, 130.87' LT. TO STA. 341-79.80, 168.00' LT. |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 340-95.21, 296.00' RT. TO STA. 341-08.72, 318.86' RT. |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 341-18.64, 199.91' LT. TO STA. 342-10.73, 243.51' LT. |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 341-79.80, 168.00' LT. TO STA. 343-20.33, 168.00' LT. |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 341-96.32, 257.48' LT. TO STA. 342-10.73, 243.51' LT. |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 342-10.73, 243.51' LT. TO STA. 342-23.39, 231.22' LT. |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 342-67.88, 300.18' LT. TO STA. 32-32.50, 22.81' RT.   |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 342-68.06, 298.88' LT. TO STA. 343-63.52, 270.92' LT. |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 342-88.53, 206.83' LT. TO STA. 343-86.50, 204.60' LT. |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 343-20.33, 168.00' LT. TO STA. 344-02.04, 168.50' LT. |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 343-20.33, 168.00' LT. TO STA. 344-43.33, 199.00' LT. |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 343-35.01, 58.75' LT. TO STA. 343-35.01, 3.88' LT.    |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 343-35.01, 3.88' LT. TO STA. 343-35.01, 3.87' RT.     |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 343-35.01, 58.75' RT. TO STA. 343-35.01, 179.00' RT.  |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 343-63.52, 270.92' LT. TO STA. 344-78.52, 270.89' LT. |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 344-36.95, 168.44' RT. TO STA. 344-43.25, 65.0' RT.   |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 344-43.33, 199.00' LT. TO STA. 345-15.84, 199.00' LT. |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 344-93.00, 196.25' LT. TO STA. 344-93.00, 133.04' RT. |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 345-07.00, 196.25' LT. TO STA. 345-07.00, 133.04' RT. |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 345-15.84, 199.00' LT. TO STA. 345-38.88, 168.50' LT. |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 345-38.88, 168.50' LT. TO STA. 345-56.75, 64.95' LT.  |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 350-00.00, 65.25' LT. TO STA. 350-00.00, 58.75' LT.   |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 350-00.00, 58.75' LT. TO STA. 350-00.00, 3.25' LT.    |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 350-00.00, 3.25' LT. TO STA. 350-00.00, 3.25' RT.     |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 350-00.00, 3.25' RT. TO STA. 350-00.00, 58.75' RT.    |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 350-00.00, 58.75' RT. TO STA. 350-00.00, 65.25' RT.   |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 350-00.00, 65.25' RT. TO STA. 352-23.00, 65.25' RT.   |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 352-23.00, 65.25' RT. TO STA. 352-47.92, 58.75' RT.   |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 352-47.92, 58.75' RT. TO STA. 352-47.92, 110.99' RT.  |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 352-47.92, 110.99' RT. TO STA. 352-71.24, 132.90' RT. |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 353-96.62, 166.24' RT. TO STA. 354-92.93, 151.55' RT. |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 354-34.92, 58.75' LT. TO STA. 354-34.92, 3.25' LT.    |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 354-34.92, 3.25' LT. TO STA. 354-34.92, 3.25' RT.     |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 354-34.92, 3.25' RT. TO STA. 354-34.92, 117.72' RT.   |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 354-34.92, 58.75' LT. TO STA. 354-72.04, 58.75' LT.   |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 354-37.44, 96.80' RT. TO STA. 354-37.99, 117.50' RT.  |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 354-72.04, 65.25' LT. TO STA. 354-72.04, 58.75' LT.   |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 354-92.93, 151.55' RT. TO STA. 355-12.27, 152.89' RT. |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 356-70.05, 114.20' RT. TO STA. 356-80.01, 97.38' RT.  |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 357-94.28, 95.72' LT. TO STA. 358-09.72, 121.80' LT.  |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 359-35.63, 93.40' RT. TO STA. 359-35.98, 115.10' RT.  |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 359-60.00, 3.25' LT. TO STA. 359-60.00, 3.25' RT.     |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 359-60.00, 3.25' RT. TO STA. 360-16.12, 3.25' RT.     |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 360-00.18, 75.49' LT. TO STA. 360-00.50, 83.49' LT.   |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 360-00.50, 83.49' LT. TO STA. 360-01.81, 116.33' LT.  |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 360-16.12, 3.25' RT. TO STA. 360-16.12, 11.25' RT.    |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 360-16.12, 11.25' RT. TO STA. 360-16.12, 75.50' RT.   |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 360-16.12, 75.50' RT. TO STA. 360-16.12, 83.50' RT.   |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 360-16.12, 83.50' RT. TO STA. 360-16.12, 110.65' RT.  |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 360-16.12, 3.25' RT. TO STA. 360-21.86, 3.25' LT.     |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 360-21.86, 11.25' LT. TO STA. 360-21.86, 3.25' LT.    |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |
| STA. 360-21.86, 3.25' LT. TO STA. 360-96.00, 3.25' LT.     |              |        |       |              |        |       |          |        |       |            |        |       |             |           |    |             |            |        |    |         |   |  |         |      |      |        |             |        |             |        |            |        |

Scale: N.T.S.

| No. | Revision |
|-----|----------|
|     |          |
|     |          |
|     |          |



|   |          |              |          |     |      |
|---|----------|--------------|----------|-----|------|
| CONSULTANT PROJECT MANAGER: S. SAWYER, P.E. |          |              |          |     |      |
| By  | Date     | By           | Date     | By  | Date |
| Designed                                    | RLM 7/18 | Checked      | DLR 7/18 |     |      |
| Drawn                                       | BRL 7/18 | In Charge of | ---      | --- | ---  |

SEBAGO TECHNICS  
 75 JOHN ROBERTS ROAD,  
 SUITE 4A  
 SOUTH PORTLAND, ME 04106  
 TEL (207) 200-2100



THE GOLD STAR  
 MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
 DRAINAGE SUMMARY SHEET

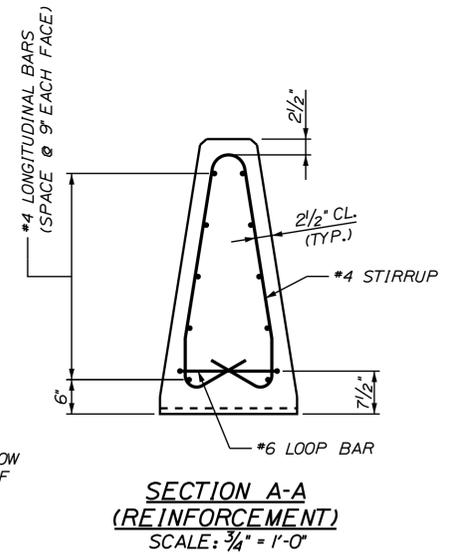
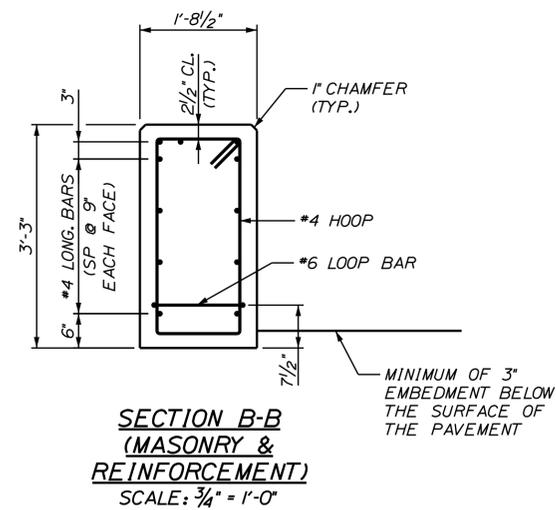
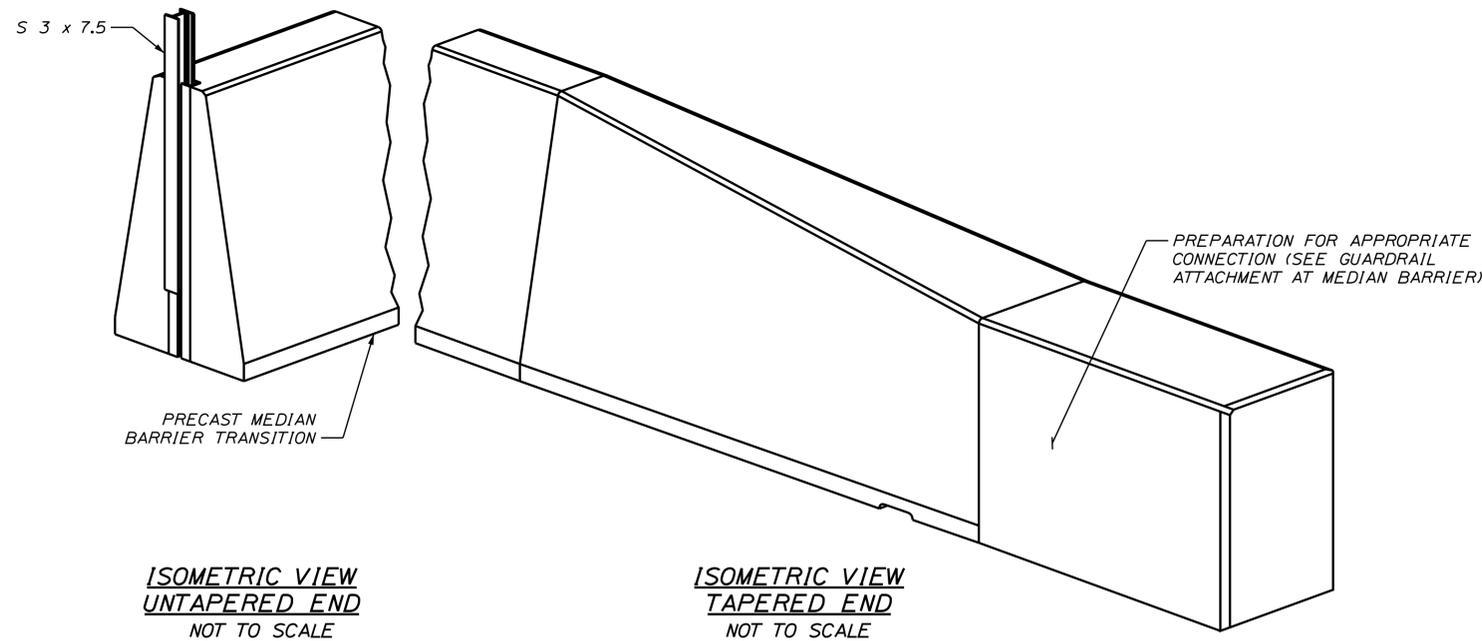
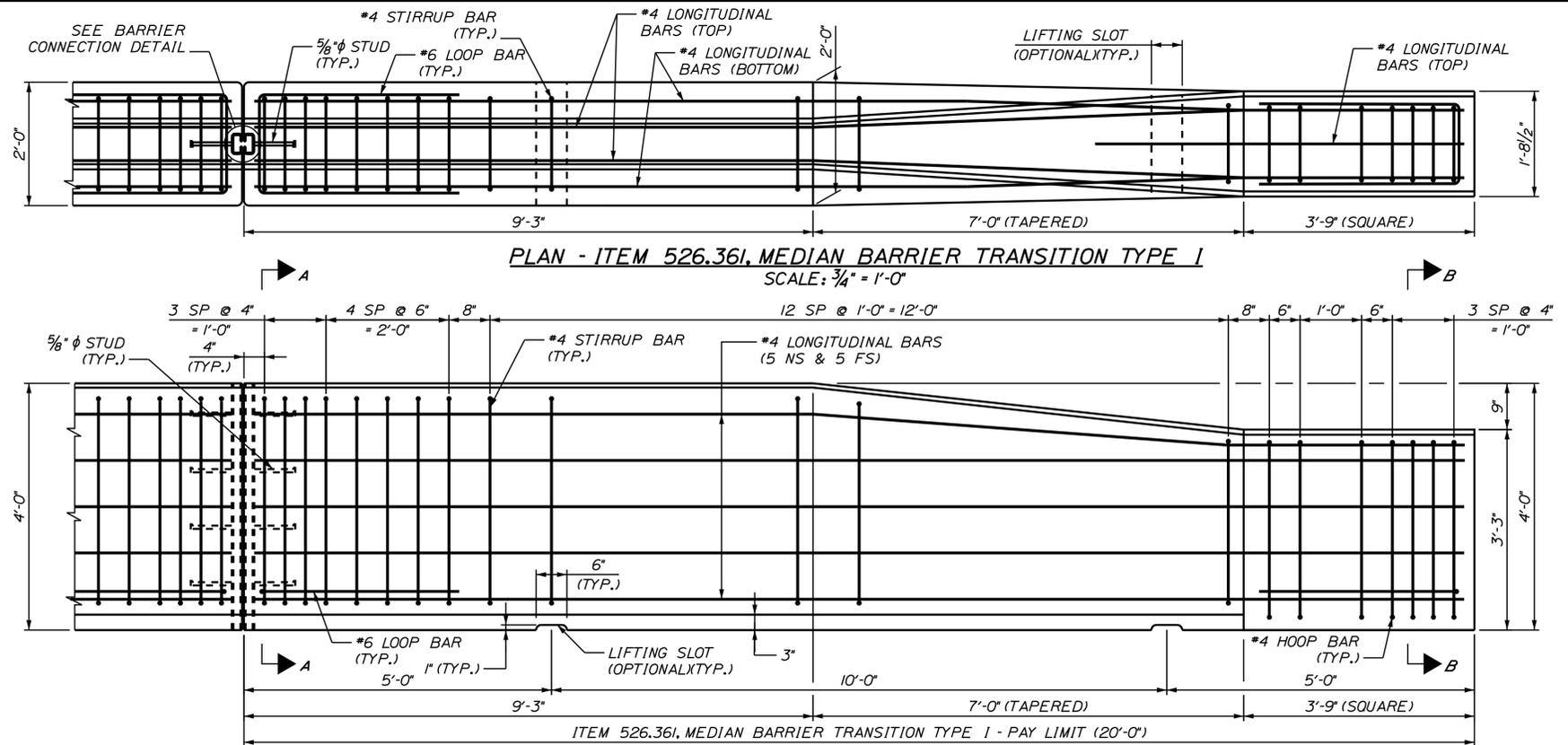
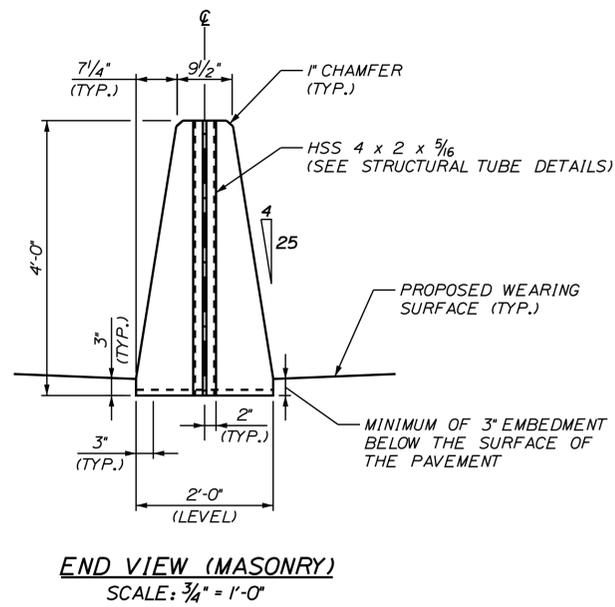
CONTRACT: 2018.20

SHEET NUMBER: DS-03

22 OF 489



Date: 8/27/2018



- NOTES:**
- SEE CONCRETE BARRIER DETAILS - 6 FOR NOTES AND BARRIER CONNECTION DETAILS.
  - PREPARATION OF SUBGRADE SHALL BE PERFORMED TO ENSURE PROPER HEIGHT OF CONNECTING GUARDRAIL PRIOR TO PLACING MEDIAN BARRIER TRANSITION.

Filename: ...X024...Typical\_01\_BARRIER.dgn

Scale: **AS NOTED**

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | CSM | 7-18 | Checked      | RRP | 7-18 |
| Drawn    | AMS | 7-18 | In Charge of | TWM | 7-18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

**MAINE TURNPIKE**

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

**YORK TOLL PLAZA**

CONCRETE BARRIER DETAILS - 1  
MEDIAN BARRIER TRANSITION TYPE 1

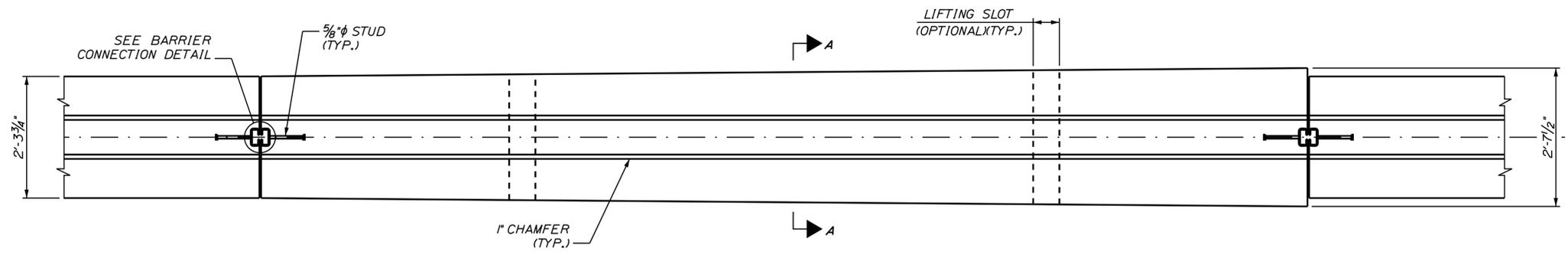
SHEET NUMBER: BAR-01

CONTRACT: 2018.20

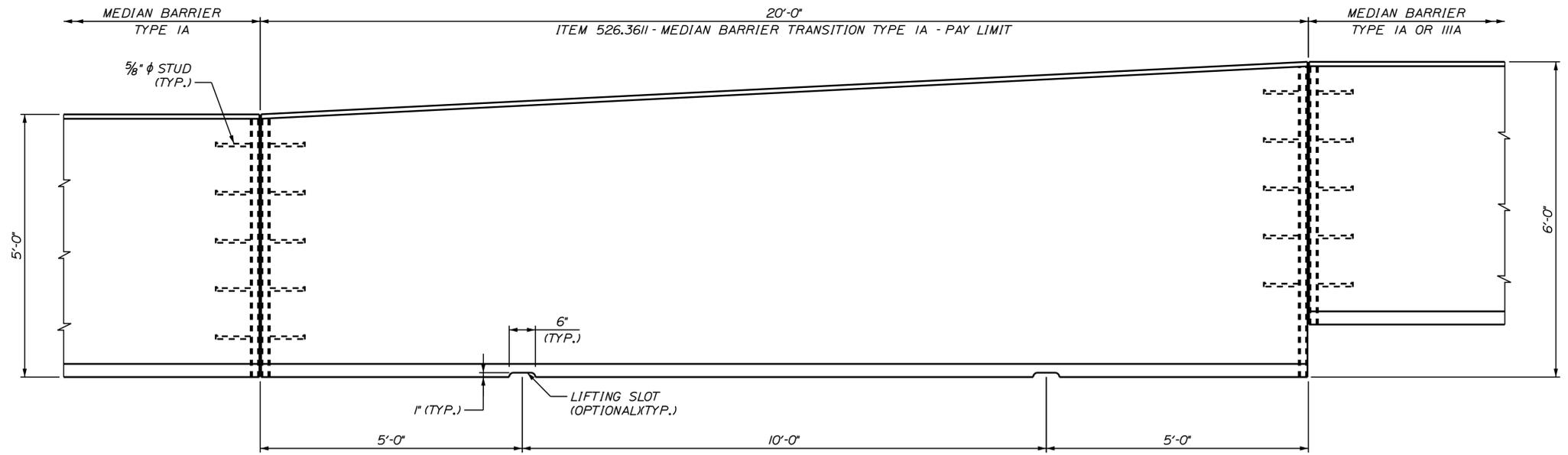
24 OF 489

Date: 8/27/2018

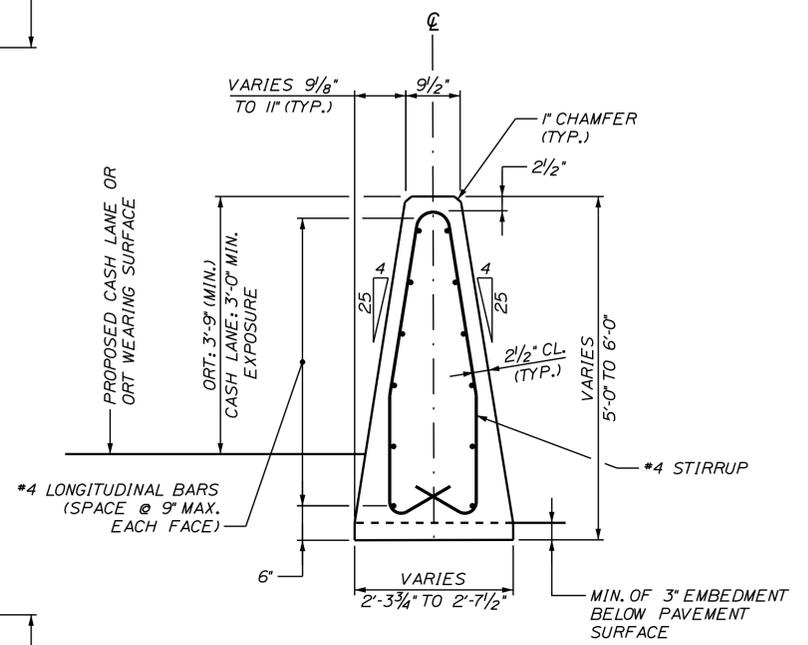
Filename: ...025\_Typical\_02\_BARRIER.dgn



PLAN  
SCALE: 3/4" = 1'-0"



ELEVATION  
SCALE: 3/4" = 1'-0"



SECTION A-A  
SCALE: 3/4" = 1'-0"

- NOTES:
- SEE CONCRETE BARRIER DETAILS - 6 FOR NOTES, BARRIER CONNECTION DETAILS AND STIRRUP SPACING ALONG BARRIER.
  - PREPARATION OF SUBGRADE SHALL BE PERFORMED TO ENSURE PROPER HEIGHT OF CONNECTING GUARDRAIL PRIOR TO PLACING MEDIAN BARRIER TRANSITION.
  - SEE CONCRETE BARRIER DETAILS - 6 FOR REINFORCING BEND DIAGRAMS.
  - SEE CONCRETE BARRIER DETAILS - 7 FOR REINFORCING SCHEDULE REFERENCE OF END STIRRUPS AND #6 LOOP BARS (SAME AS FOR BARRIER TYPE IA ON SHORT END AND SIMILAR TO BARRIER TYPE IB ON TALL END).

Scale: AS NOTED

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | CSM | 7-18 | Checked      | RRP | 7-18 |
| Drawn    | AMS | 7-18 | In Charge of | TWM | 7-18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

THE GOLD STAR  
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

CONCRETE BARRIER DETAILS - 2  
MEDIAN BARRIER TRANSITION TYPE 1A

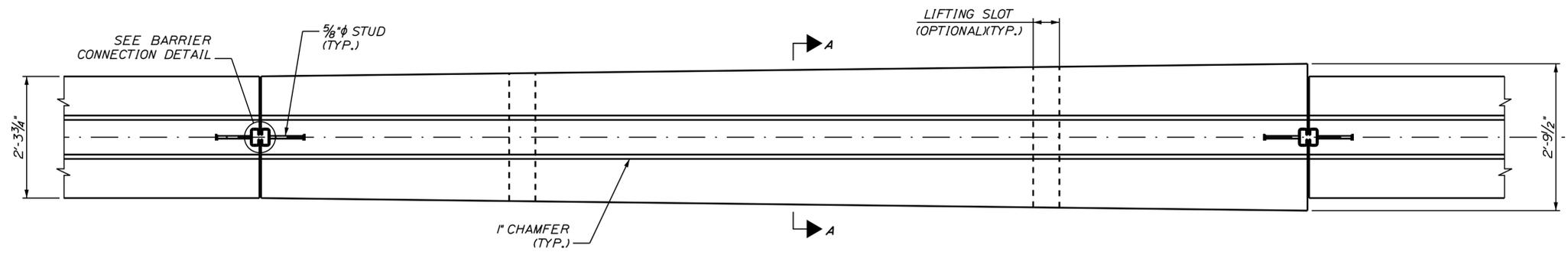
SHEET NUMBER: BAR-02

CONTRACT: 2018.20

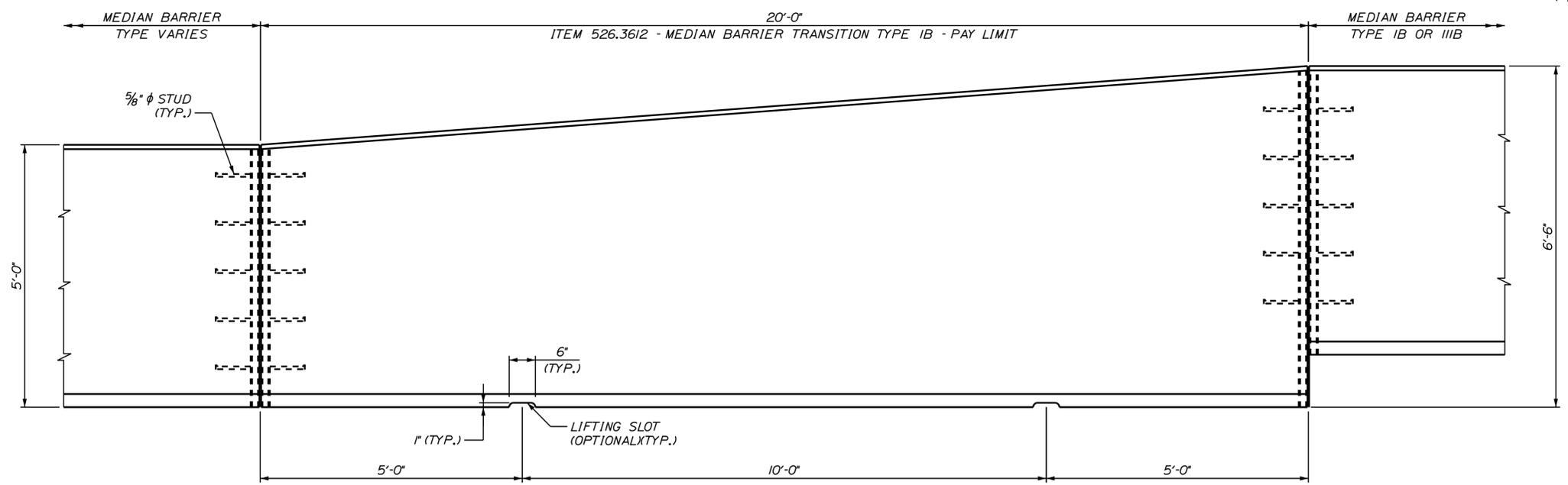
25 OF 489

Date: 8/27/2018

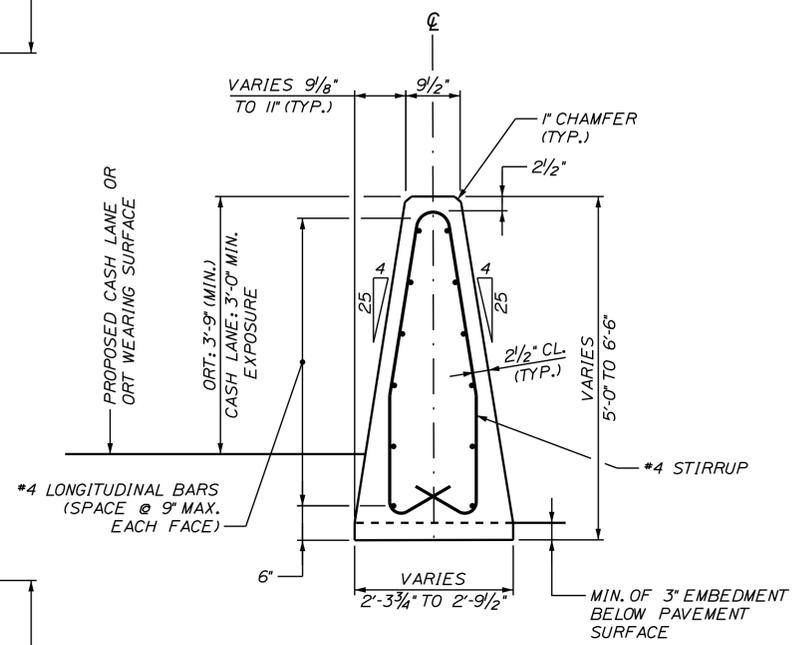
Filename: ... \026\_ Typical\_03\_ BARRIER.dgn



PLAN  
SCALE: 3/4" = 1'-0"



ELEVATION  
SCALE: 3/4" = 1'-0"



SECTION A-A  
SCALE: 3/4" = 1'-0"

- NOTES:**
- SEE CONCRETE BARRIER DETAILS - 6 FOR NOTES, BARRIER CONNECTION DETAILS AND STIRRUP SPACING ALONG BARRIER.
  - PREPARATION OF SUBGRADE SHALL BE PERFORMED TO ENSURE PROPER HEIGHT OF CONNECTING GUARDRAIL PRIOR TO PLACING MEDIAN BARRIER TRANSITION.
  - SEE CONCRETE BARRIER DETAILS - 6 FOR REINFORCING BEND DIAGRAMS.
  - SEE CONCRETE BARRIER DETAILS - 7 FOR REINFORCING SCHEDULE REFERENCE OF END STIRRUPS AND #6 LOOP BARS (SAME AS FOR BARRIER TYPES 1A ON SHORT END AND 1B ON TALL END).

Scale: AS NOTED

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | CSM | 7-18 | Checked      | RRP | 7-18 |
| Drawn    | AMS | 7-18 | In Charge of | TWM | 7-18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

**MAINE TURNPIKE**

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

CONCRETE BARRIER DETAILS - 3  
MEDIAN BARRIER TRANSITION TYPE 1B

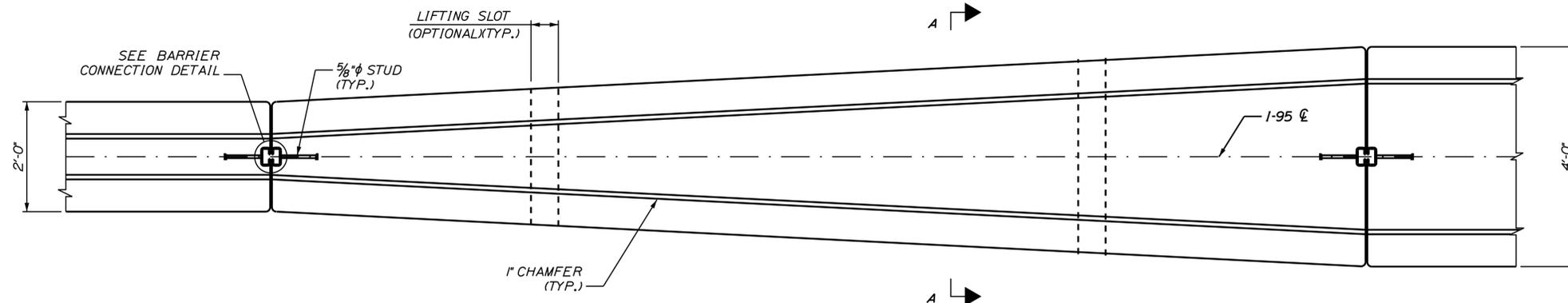
SHEET NUMBER: BAR-03

CONTRACT: 2018.20

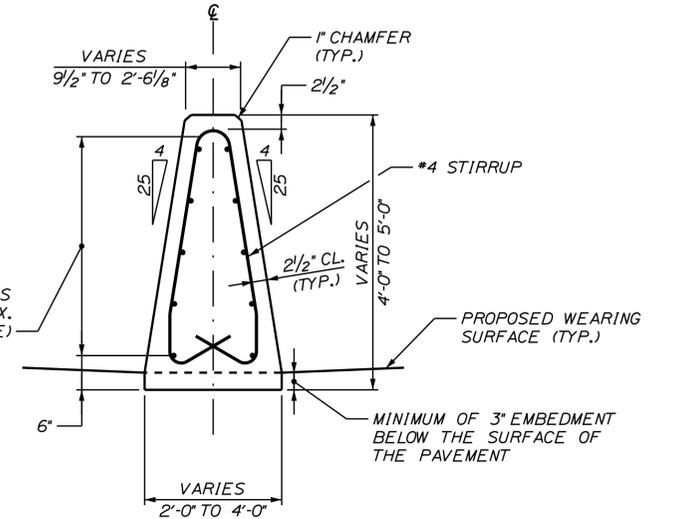
26 OF 489

Date: 8/27/2018

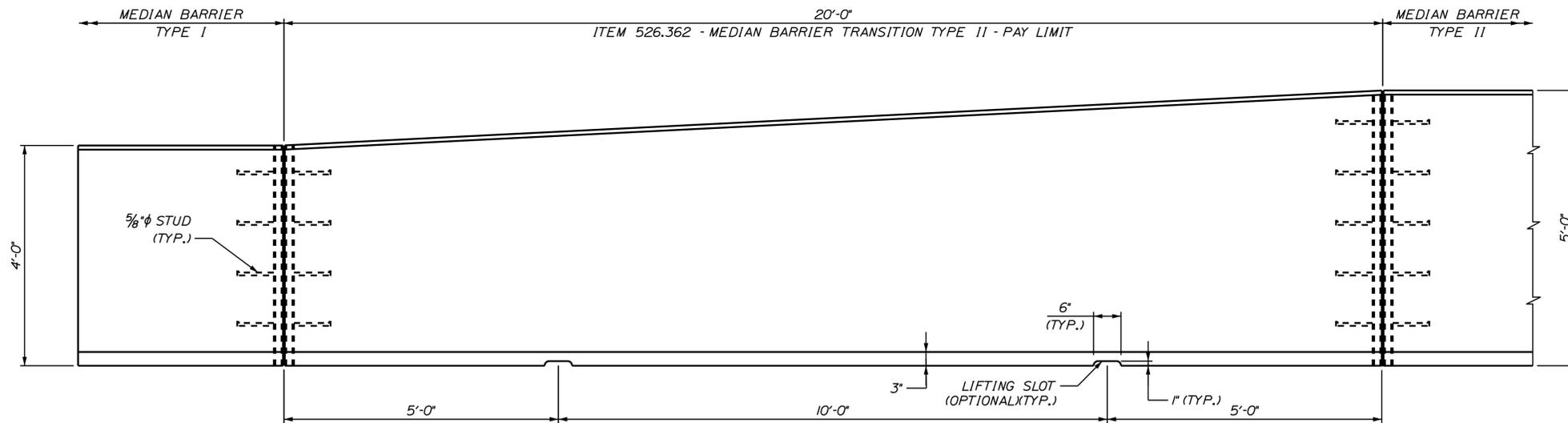
Filename: ...027\_Typical\_04\_BARRIER.dgn



**PLAN**  
SCALE: 3/4" = 1'-0"



**SECTION A-A**  
SCALE: 3/4" = 1'-0"



**ELEVATION**  
SCALE: 3/4" = 1'-0"

**NOTES:**

1. SEE CONCRETE BARRIER DETAILS - 6 FOR NOTES, BARRIER CONNECTION DETAILS AND STIRRUP SPACING ALONG BARRIER.
2. PREPARATION OF SUBGRADE SHALL BE PERFORMED TO ENSURE PROPER HEIGHT OF CONNECTING GUARDRAIL PRIOR TO PLACING MEDIAN BARRIER TRANSITION.
3. SEE CONCRETE BARRIER DETAILS - 6 FOR REINFORCING BEND DIAGRAMS AND REINFORCING SCHEDULE REFERENCE OF END STIRRUPS AND #6 LOOP BARS (SAME AS BARRIER TYPE I ON SHORT END).
4. SEE CONCRETE BARRIER DETAILS - 7 FOR REINFORCING SCHEDULE REFERENCE OF END STIRRUPS AND #6 LOOP BARS (SAME AS FOR BARRIER TYPE II ON TALL END).

|          |          |    |      |
|----------|----------|----|------|
| Scale:   |          |    |      |
| AS NOTED |          |    |      |
| No.      | Revision | By | Date |
|          |          |    |      |
|          |          |    |      |

|                                      |     |      |              |     |      |
|--------------------------------------|-----|------|--------------|-----|------|
| Designed by:                         |     |      |              |     |      |
| <b>JACOBS</b>                        |     |      |              |     |      |
| CONSULTANT PROJECT MANAGER: T. MORIN |     |      |              |     |      |
|                                      | By  | Date |              | By  | Date |
| Designed                             | CSM | 7-18 | Checked      | RRP | 7-18 |
| Drawn                                | AMS | 7-18 | In Charge of | TWM | 7-18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

THE GOLD STAR  
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD

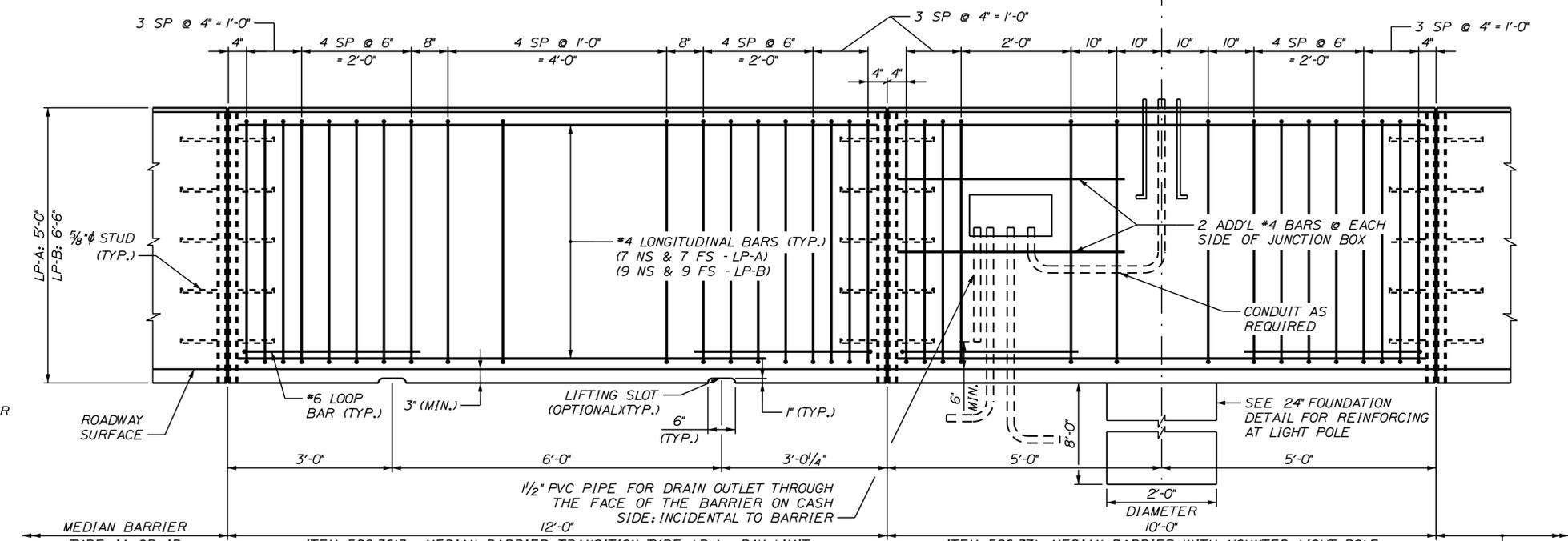
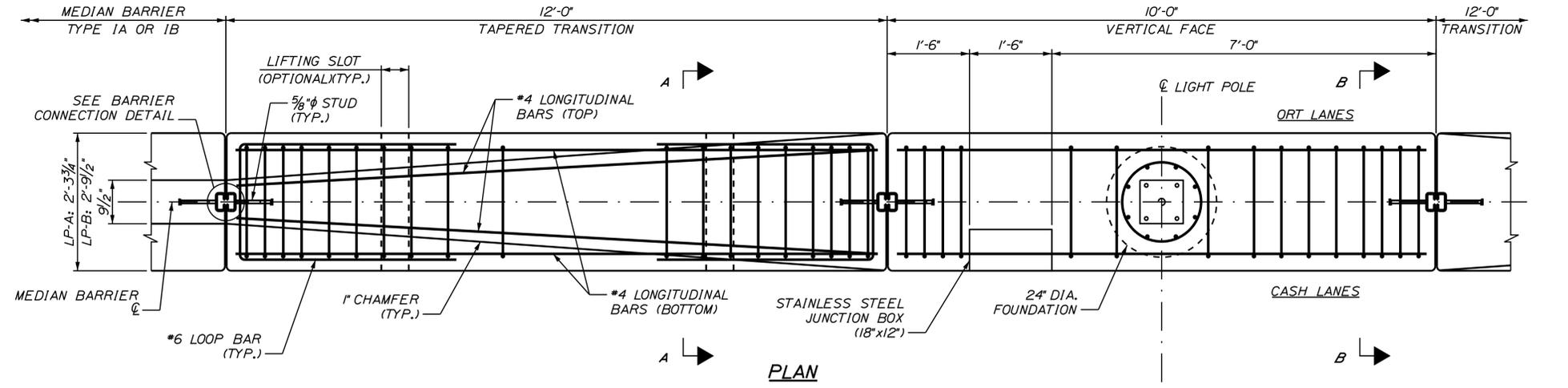
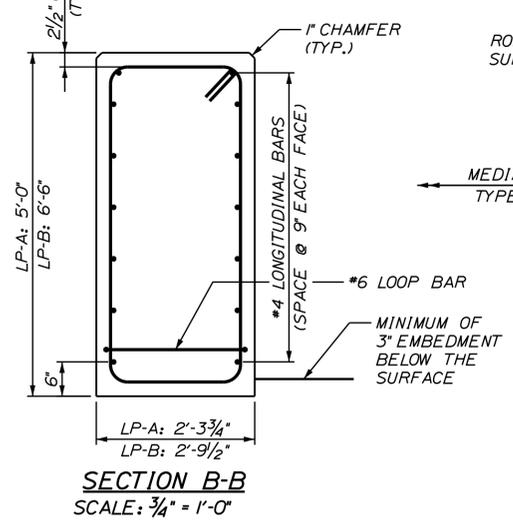
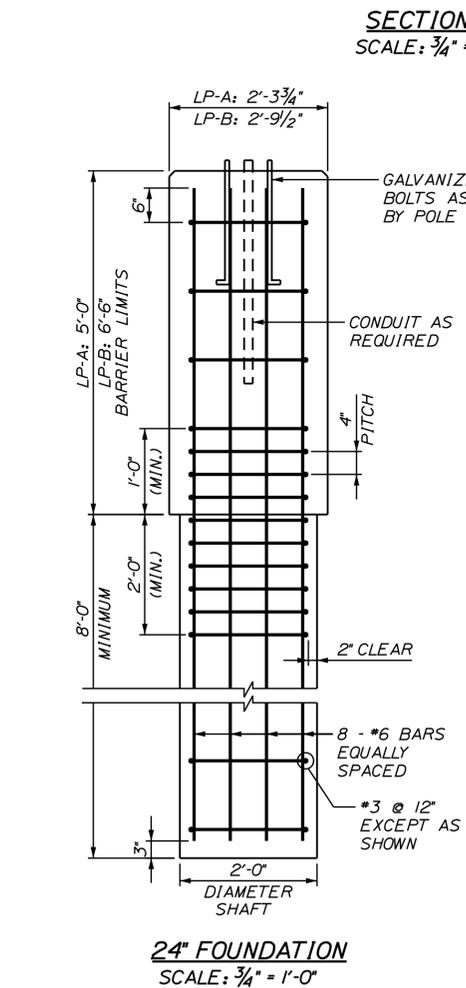
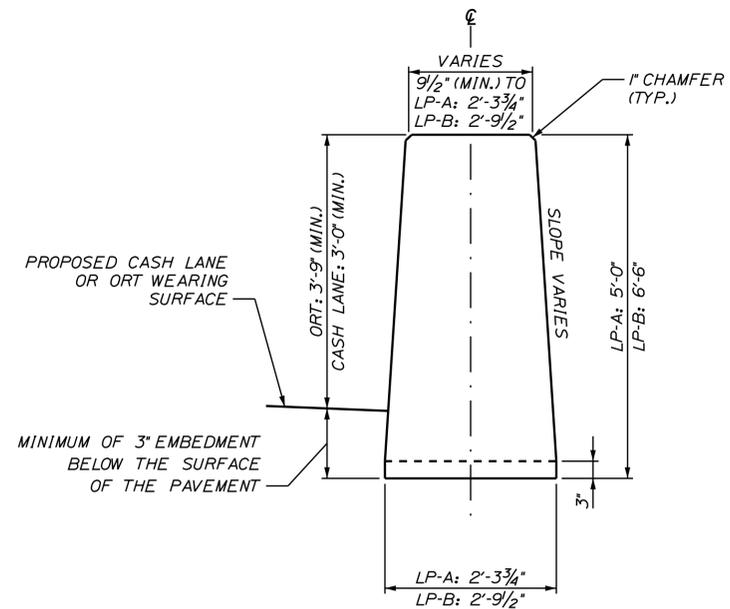
YORK TOLL PLAZA

CONCRETE BARRIER DETAILS - 4  
MEDIAN BARRIER TRANSITION TYPE II

SHEET NUMBER: BAR-04  
CONTRACT: 2018.20  
27 OF 489

Date: 8/27/2018

Filename: ...028\_Typical\_05\_BARRIER.dgn



ITEM 526.3613 - MEDIAN BARRIER TRANSITION TYPE LP-A - PAY LIMIT  
 ITEM 526.3614 - MEDIAN BARRIER TRANSITION TYPE LP-B - PAY LIMIT  
 ITEM 526.371 - MEDIAN BARRIER WITH MOUNTED LIGHT POLE TYPE LP-A - CAST IN PLACE - PAY LIMIT  
 ITEM 526.372 - MEDIAN BARRIER WITH MOUNTED LIGHT POLE TYPE LP-B - CAST IN PLACE - PAY LIMIT

BARRIER WITH LIGHT POLE FOUNDATION AND TRANSITIONS DETAIL  
 SCALE: 3/4" = 1'-0"

Scale: AS NOTED

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | CSM | 7-18 | Checked      | RRP | 7-18 |
| Drawn    | AMS | 7-18 | In Charge of | TWM | 7-18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

THE GOLD STAR MEMORIAL HIGHWAY

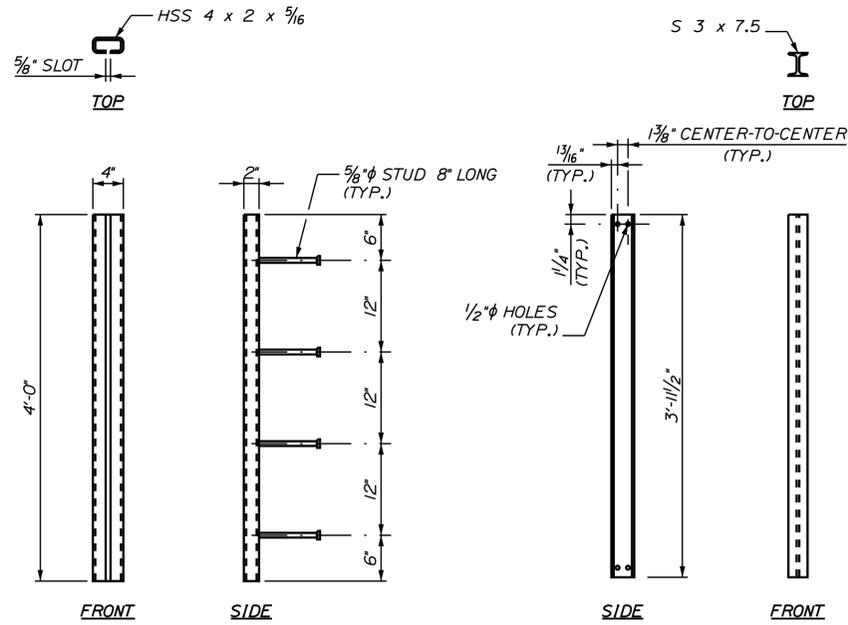
MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

CONCRETE BARRIER DETAILS - 5  
 MEDIAN BARRIER WITH LIGHT POLE AND TRANSITION

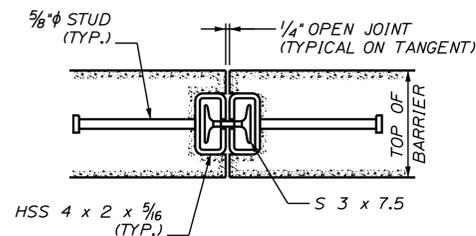
SHEET NUMBER: BAR-05  
 CONTRACT: 2018.20  
 28 OF 489

Date: 8/27/2018

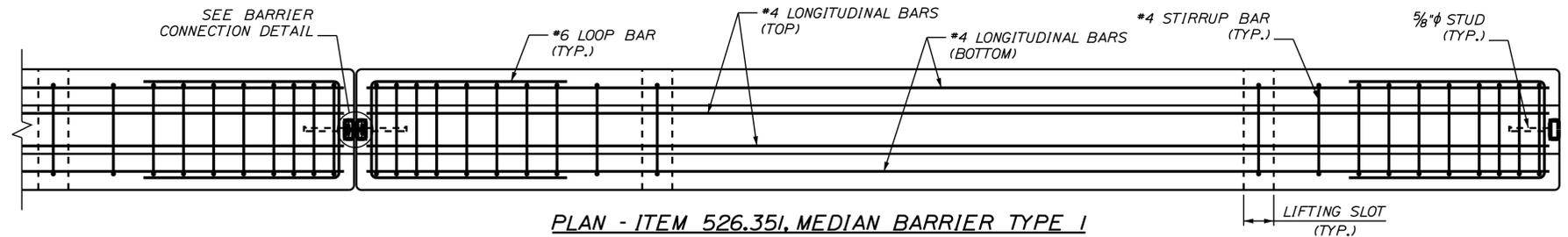


**STRUCTURAL TUBE DETAILS**  
NOT TO SCALE

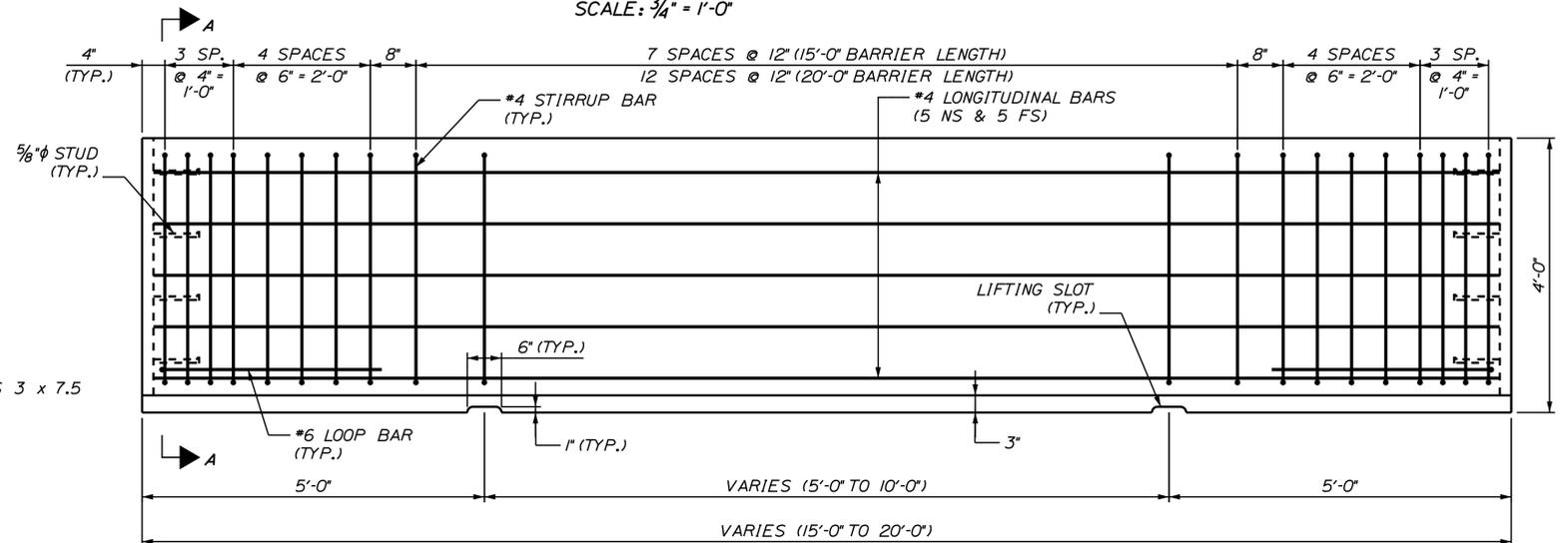
**I-BEAM DETAILS**  
NOT TO SCALE



**BARRIER CONNECTION DETAIL**  
NOT TO SCALE



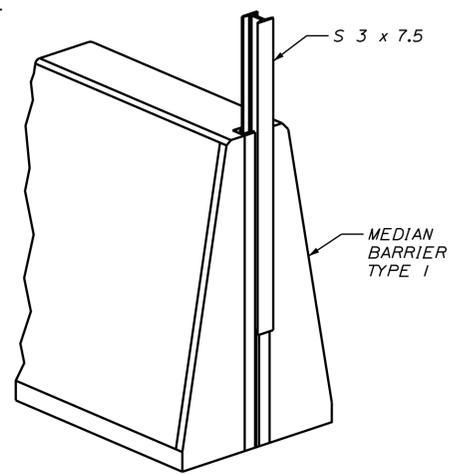
**PLAN - ITEM 526.351, MEDIAN BARRIER TYPE 1**  
SCALE: 3/4" = 1'-0"



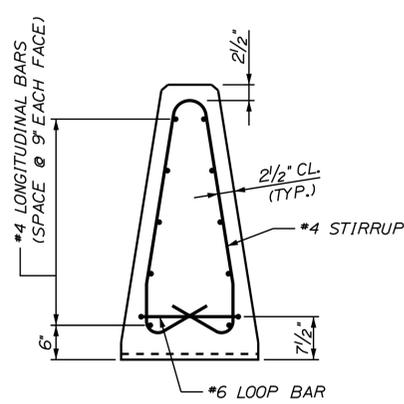
**ELEVATION**  
SCALE: 3/4" = 1'-0"

**MEDIAN BARRIER TYPE 1 REINFORCING SCHEDULE (20'-0" LENGTH)**

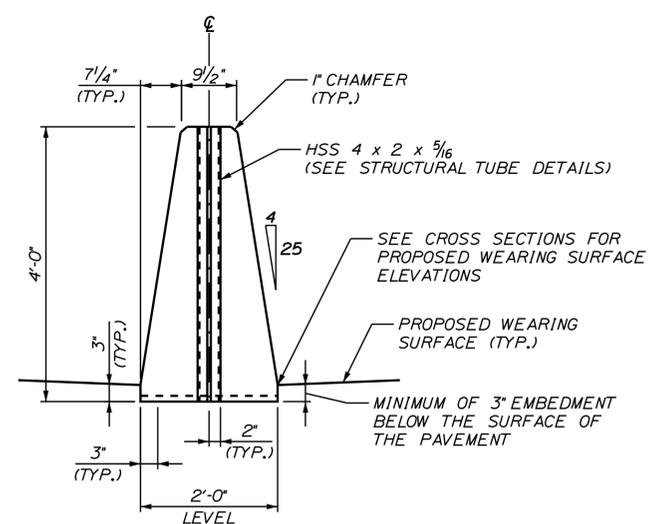
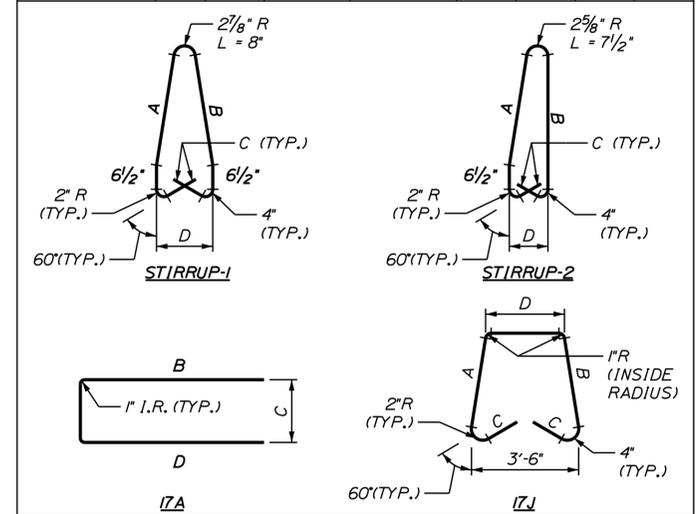
| DESCRIPTION  | SIZE | NO. | UNBENT LENGTH | TYPE      | A     | B     | C     | D     |
|--------------|------|-----|---------------|-----------|-------|-------|-------|-------|
| LONGITUDINAL | #4   | 10  | 19'-8"        | STR       |       |       |       |       |
| STIRRUPS     | #4   | 29  | 8'-11"        | STIRRUP-1 | 2'-6" | 2'-6" | 9"    | 1'-3" |
| LOOP BAR     | #6   | 2   | 7'-11"        | 17A       |       | 3'-3" | 1'-5" | 3'-3" |



**ISOMETRIC VIEW**  
NOT TO SCALE



**SECTION A-A (REINFORCEMENT)**  
SCALE: 3/4" = 1'-0"



**END VIEW (MASONRY)**  
SCALE: 3/4" = 1'-0"

**BARRIER NOTES:**

1. THE CONCRETE BARRIER DETAILS, AS SHOWN ON THIS SHEET, ARE IN COMPLIANCE WITH THE REQUIREMENTS OF NCHRP REPORT 350, TL 4.
2. I-BEAMS AND STRUCTURAL TUBES SHALL BE GALVANIZED AFTER FABRICATION.
3. EACH BARRIER UNIT SHALL INCLUDE ONE S 3 x 7.5 AS SHOWN ON THIS PLAN SHEET.
4. SHOP DRAWINGS SHALL INCLUDE REINFORCING SCHEDULE. CONTRACTOR SHALL PROVIDE SHOP DRAWING FOR ANGLE POINTS IN BARRIER.
5. MEDIAN BARRIER SHALL BE PAID FOR UNDER APPROPRIATE 526 ITEMS.
6. THE BARRIERS SHALL BE LIGHT COLORED CLASS "P" CONCRETE HAVING A MINIMUM 28 DAY COMPRESSION STRENGTH OF 4,500 PSI. BARRIERS SHALL HAVE A SMOOTH UNIFORM SURFACE FREE OF DEFECTS AND IRREGULARITIES. CASTING DATE SHALL BE SHOWN ON BARRIER. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 1", UNLESS NOTED OTHERWISE.
7. ALL REINFORCING STEEL SHALL BE AASHTO M31 (ASTM-A615) GRADE 60, EPOXY COATED. REINFORCEMENT SHOWN IS THE MINIMUM REQUIRED. EACH BARRIER UNIT SHALL INCLUDE ONE S 3 x 7.5 AS SHOWN ON THIS PLAN SHEET.
8. CLEAR PROTECTIVE COATING FOR CONCRETE SURFACES SHALL BE APPLIED ON-SITE AND APPROVED BY THE RESIDENT. COATING SHALL BE INCIDENTAL TO BARRIER.

Filename: ...029\_Typical\_06\_BARRIER.dgn

Scale: AS NOTED

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | CSM | 7-18 | Checked      | RRP | 7-18 |
| Drawn    | AMS | 7-18 | In Charge of | TWM | 7-18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

**MAINE TURNPIKE**

**THE GOLD STAR MEMORIAL HIGHWAY**

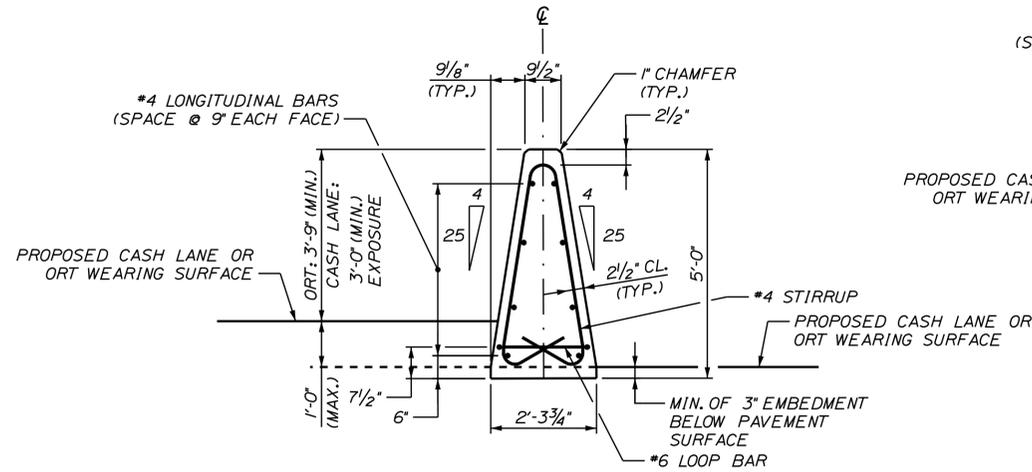
MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

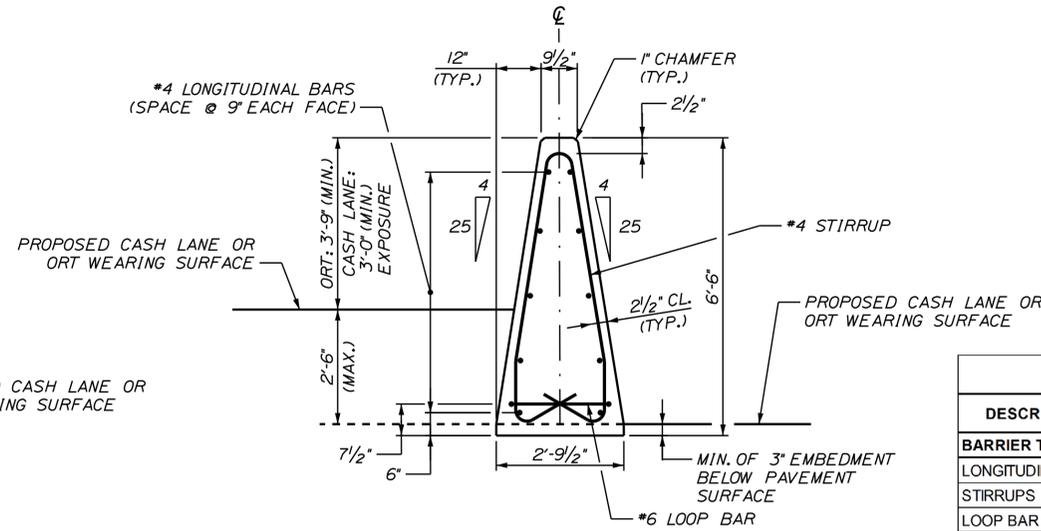
CONCRETE BARRIER DETAILS - 6  
MEDIAN BARRIER TYPE 1

SHEET NUMBER: BAR-06  
CONTRACT: 2018.20  
29 OF 489

Date: 8/27/2018



ITEM 526.3511 - MEDIAN BARRIER TYPE IA - PRECAST  
SCALE: 1/2" = 1'-0"

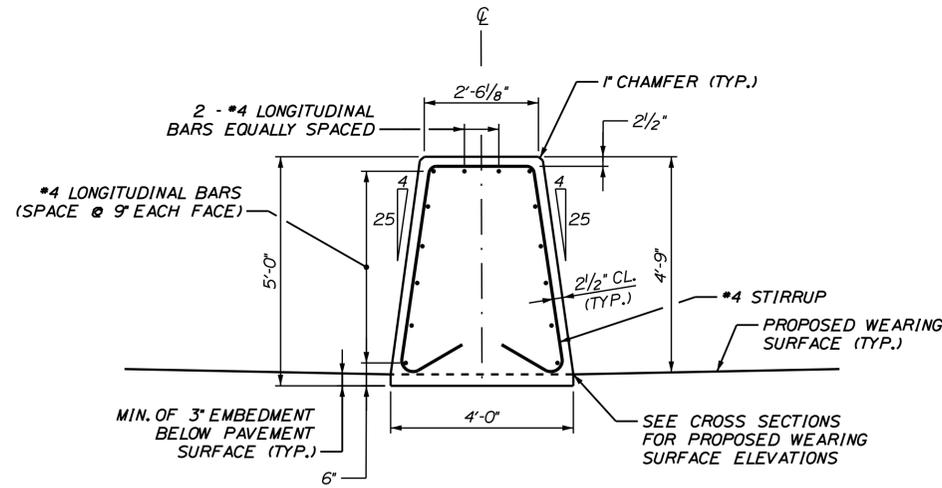


ITEM 526.3512 - MEDIAN BARRIER TYPE IB - PRECAST  
SCALE: 1/2" = 1'-0"

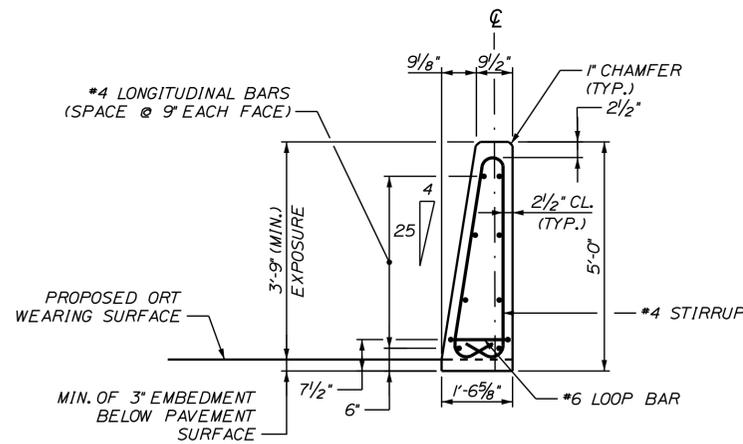
**NOTES:**

- SEE CONCRETE BARRIER DETAILS - 6 FOR NOTES, BARRIER CONNECTION DETAILS AND REINFORCING BENDING DIAGRAMS.
- LENGTH OF INDIVIDUAL BARRIER SECTIONS SHALL BE BETWEEN 15'-0" AND 20'-0".
- ALL MEDIAN BARRIER BETWEEN ORT AND CASH LANES SHALL HAVE A 1"x6" LIFTING SLOT THE ENTIRE WIDTH OF THE BARRIER 5'-0" FROM EACH END. SEE MEDIAN BARRIER TYPE I FOR INFORMATION.
- STATION/OFFSET ARE MEASURED TO THE CENTERLINE OF THE TOP OF BARRIER.

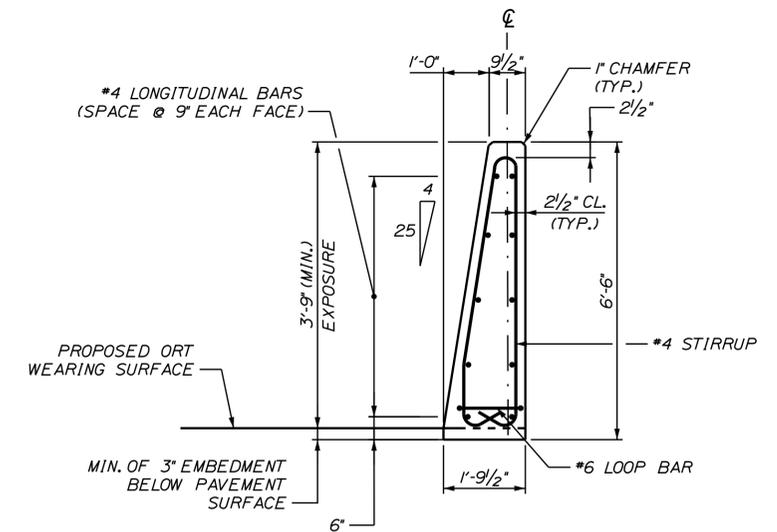
| REINFORCING SCHEDULE                    |      |     |        |           |       |       |       |           |                      |  |
|---|------|-----|--------|-----------|-------|-------|-------|-----------|----------------------|--|
| DESCRIPTION                             | SIZE | NO. | LENGTH | TYPE      | A     | B     | C     | D         | LOCATION AND REMARKS |  |
| <b>BARRIER TYPE IA (LENGTH = 20')</b>   |      |     |        |           |       |       |       |           |                      |  |
| LONGITUDINAL                            | #4   | 14  | 19'-8" | STR       |       |       |       |           |                      |  |
| STIRRUPS                                | #4   | 29  | 11'-7" | STIRRUP-1 | 3'-7" | 3'-7" | 1'-0" | 1'-7"     |                      |  |
| LOOP BAR                                | #6   | 2   | 8'-3"  | 17A       |       | 3'-3" | 1'-9" | 3'-3"     | R=1" (INSIDE RADIUS) |  |
| <b>BARRIER TYPE IB (LENGTH = 20')</b>   |      |     |        |           |       |       |       |           |                      |  |
| LONGITUDINAL                            | #4   | 18  | 19'-8" | STR       |       |       |       |           |                      |  |
| STIRRUPS                                | #4   | 29  | 15'-3" | STIRRUP-1 | 5'-1" | 5'-1" | 1'-4" | 2'-1"     |                      |  |
| LOOP BAR                                | #6   | 2   | 8'-9"  | 17A       |       | 3'-3" | 2'-3" | 3'-3"     | R=1" (INSIDE RADIUS) |  |
| <b>BARRIER TYPE II (LENGTH = 21')</b>   |      |     |        |           |       |       |       |           |                      |  |
| LONGITUDINAL                            | #4   | 14  | 20'-8" | STR       |       |       |       |           |                      |  |
| STIRRUPS                                | #4   | 30  | 13'-5" | 17J       | 4'-4" | 4'-4" | 1'-0" | 2'-1"     |                      |  |
| <b>BARRIER TYPE IIIA (LENGTH = 20')</b> |      |     |        |           |       |       |       |           |                      |  |
| LONGITUDINAL                            | #4   | 14  | 19'-8" | STR       |       |       |       |           |                      |  |
| STIRRUPS                                | #4   | 29  | 11'-0" | STIRRUP-2 | 3'-7" | 4'-1" | 9"    | 1'-0"     |                      |  |
| LOOP BAR                                | #6   | 2   | 7'-8"  | 17A       |       | 3'-3" | 1'-2" | 3'-3"     | R=1" (INSIDE RADIUS) |  |
| <b>BARRIER TYPE IIIB (LENGTH = 20')</b> |      |     |        |           |       |       |       |           |                      |  |
| LONGITUDINAL                            | #4   | 18  | 19'-8" | STR       |       |       |       |           |                      |  |
| STIRRUPS                                | #4   | 29  | 14'-0" | STIRRUP-2 | 5'-1" | 5'-7" | 9"    | 1'-2 3/4" |                      |  |
| LOOP BAR                                | #6   | 2   | 7'-11" | 17A       |       | 3'-3" | 1'-5" | 3'-3"     | R=1" (INSIDE RADIUS) |  |



ITEM 526.352 - MEDIAN BARRIER TYPE II - PRECAST  
ITEM 526.3522 - MEDIAN BARRIER TYPE II - CAST-IN-PLACE  
SCALE: 1/2" = 1'-0"



ITEM 526.3531 - MEDIAN BARRIER TYPE IIIA - PRECAST  
SCALE: 1/2" = 1'-0"



ITEM 526.3532 - MEDIAN BARRIER TYPE IIIB - PRECAST  
SCALE: 1/2" = 1'-0"

Filename: ...030\_Typical\_07\_BARRIER.dgn

Scale: AS NOTED

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | CSM | 7-18 | Checked      | RRP | 7-18 |
| Drawn    | AMS | 7-18 | In Charge of | TWM | 7-18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

**MAINE TURNPIKE**

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

CONCRETE BARRIER DETAILS - 7  
MEDIAN BARRIER DETAILS

SHEET NUMBER: BAR-07

CONTRACT: 2018.20

30 OF 489

Date: 8/27/2018

| I-95 MEDIAN             |                    |        |        |                        |                     |       |          |
|-------------------------|--------------------|--------|--------|------------------------|---------------------|-------|----------|
| ITEM NUMBER             | BARRIER TYPE       | FROM   | TO     | EXPOSURE ALONG NB ORT  | ELEVATION AT BOTTOM |       | QUANTITY |
|                         |                    |        |        |                        | FROM                | TO    |          |
| 526.362                 | TRANSITION TYPE II | 281+06 | 281+26 | 3'-5"                  | 53.40               | 53.85 | 1 EA     |
| 526.352                 | TYPE II            | 281+26 | 281+46 | 3'-5"                  | 53.85               | 54.29 | 20 LF    |
| DRILLED SHAFT AT MEDIAN |                    | 281+46 | 281+54 | (SEE STRUCTURAL PLANS) |                     |       |          |
| 526.352                 | TYPE II            | 281+54 | 281+74 | 3'-5"                  | 54.47               | 54.94 | 20 LF    |
| 526.362                 | TRANSITION TYPE II | 281+74 | 281+94 | 3'-5"                  | 53.94               | 55.43 | 1 EA     |
| 526.351                 | TYPE I             | 281+94 | 282+14 | 3'-5"                  | 55.42               | 55.91 | 20 LF    |

| I-95 MEDIAN             |                    |           |           |                        |                              |           |         |
|-------------------------|--------------------|-----------|-----------|------------------------|------------------------------|-----------|---------|
| ITEM NUMBER             | BARRIER TYPE       | FROM      | TO        | EXPOSURE ALONG NB ORT  | EMBEDMENT DEPTH ALONG NB ORT | QUANTITY  |         |
|                         |                    |           |           |                        |                              |           | 526.361 |
| 526.362                 | TRANSITION TYPE II | 306+21    | 306+41    | 3'-9"                  | 3"                           | 1 EA      |         |
| 526.352                 | TYPE II            | 306+41    | 306+61    | 3'-9"                  | 3"                           | 20 LF     |         |
| DRILLED SHAFT AT MEDIAN |                    | 306+61    | 306+69    | (SEE STRUCTURAL PLANS) |                              |           |         |
| 526.352                 | TYPE II            | 306+69    | 306+89    | 3'-9"                  | 3"                           | 20 LF     |         |
| 526.362                 | TRANSITION TYPE II | 306+89    | 307+09    | 3'-9"                  | 3"                           | 1 EA      |         |
| 526.351                 | TYPE I             | 307+09    | 318+37    | 3'-9"                  | 3"                           | 1128 LF   |         |
| 526.362                 | TRANSITION TYPE II | 318+37    | 318+57    | 3'-9"                  | 3"                           | 1 EA      |         |
| 526.352                 | TYPE II            | 318+57    | 318+77    | 3'-9"                  | 3"                           | 20 LF     |         |
| DRILLED SHAFT AT MEDIAN |                    | 318+77    | 318+85    | (SEE STRUCTURAL PLANS) |                              |           |         |
| 526.352                 | TYPE II            | 318+85    | 319+05    | 3'-9"                  | 3"                           | 20 LF     |         |
| 526.362                 | TRANSITION TYPE II | 319+05    | 319+25    | 3'-9"                  | 3"                           | 1 EA      |         |
| 526.351                 | TYPE I             | 319+25    | 331+56    | 3'-9"                  | 3"                           | 1231 LF   |         |
| 526.362                 | TRANSITION TYPE II | 331+56    | 331+76    | 3'-9"                  | 3"                           | 1 EA      |         |
| 526.352                 | TYPE II            | 331+76    | 331+96    | 3'-9"                  | 3"                           | 20 LF     |         |
| DRILLED SHAFT AT MEDIAN |                    | 331+96    | 332+04    | (SEE STRUCTURAL PLANS) |                              |           |         |
| 526.352                 | TYPE II            | 332+04    | 332+24    | 3'-9"                  | 3"                           | 20 LF     |         |
| 526.362                 | TRANSITION TYPE II | 332+24    | 332+44    | 3'-9"                  | 3"                           | 1 EA      |         |
| 526.351                 | TYPE I             | 332+44    | 343+86.5  | 3'-9"                  | 3"                           | 1142.5 LF |         |
| 526.362                 | TRANSITION TYPE II | 343+86.5  | 344+06.5  | 3'-9"                  | 3"                           | 1 EA      |         |
| 526.3522                | TYPE II            | 344+06.5  | 344+26.5  | 3'-9"                  | 3"                           | 20 LF     |         |
| DRILLED SHAFT AT MEDIAN |                    | 344+26.5  | 344+39    | (SEE STRUCTURAL PLANS) |                              |           |         |
| 526.3522                | TYPE II            | 344+39    | 344+59.75 | 3'-9"                  | 3"                           | 20.75 LF  |         |
| DRILLED SHAFT AT MEDIAN |                    | 344+59.75 | 344+72.25 | (SEE STRUCTURAL PLANS) |                              |           |         |
| 526.3522                | TYPE II            | 344+72.25 | 345+27.75 | 3'-9"                  | 3"                           | 55.5 LF   |         |
| DRILLED SHAFT AT MEDIAN |                    | 345+27.75 | 345+40.25 | (SEE STRUCTURAL PLANS) |                              |           |         |
| 526.3522                | TYPE II            | 345+40.25 | 345+61    | 3'-9"                  | 3"                           | 20.75 LF  |         |
| DRILLED SHAFT AT MEDIAN |                    | 345+61    | 345+73.5  | (SEE STRUCTURAL PLANS) |                              |           |         |
| 526.3522                | TYPE II            | 345+73.5  | 345+93.5  | 3'-9"                  | 3"                           | 20 LF     |         |
| 526.362                 | TRANSITION TYPE II | 345+93.5  | 346+13.5  | 3'-9"                  | 3"                           | 1 EA      |         |
| 526.351                 | TYPE I             | 346+13.5  | 359+06    | 3'-9"                  | 3"                           | 1292.5 LF |         |
| 526.362                 | TRANSITION TYPE II | 359+06    | 359+26    | 3'-9"                  | 3"                           | 1 EA      |         |
| 526.352                 | TYPE II            | 359+26    | 359+46    | 3'-9"                  | 3"                           | 20 LF     |         |
| DRILLED SHAFT AT MEDIAN |                    | 359+46    | 359+54    | (SEE STRUCTURAL PLANS) |                              |           |         |
| 526.352                 | TYPE II            | 359+54    | 359+74    | 3'-9"                  | 3"                           | 20 LF     |         |
| 526.362                 | TRANSITION TYPE II | 359+74    | 359+94    | 3'-9"                  | 3"                           | 1 EA      |         |
| 526.351                 | TYPE I             | 359+94    | 374+06    | 3'-9"                  | 3"                           | 1412 LF   |         |
| 526.362                 | TRANSITION TYPE II | 374+06    | 374+26    | 3'-9"                  | 3"                           | 1 EA      |         |
| 526.352                 | TYPE II            | 374+26    | 374+46    | 3'-9"                  | 3"                           | 20 LF     |         |
| DRILLED SHAFT AT MEDIAN |                    | 374+46    | 374+54    | (SEE STRUCTURAL PLANS) |                              |           |         |
| 526.352                 | TYPE II            | 374+54    | 374+74    | 3'-9"                  | 3"                           | 20 LF     |         |
| 526.362                 | TRANSITION TYPE II | 374+74    | 374+94    | 3'-9"                  | 3"                           | 1 EA      |         |
| 526.351                 | TYPE I             | 374+94    | 382+06    | 3'-9"                  | 3"                           | 712 LF    |         |
| 526.362                 | TRANSITION TYPE II | 382+06    | 382+26    | 3'-9"                  | 3"                           | 1 EA      |         |
| 526.352                 | TYPE II            | 382+26    | 382+46    | 3'-9"                  | 3"                           | 20 LF     |         |
| DRILLED SHAFT AT MEDIAN |                    | 382+46    | 382+54    | (SEE STRUCTURAL PLANS) |                              |           |         |
| 526.352                 | TYPE II            | 382+54    | 382+74    | 3'-9"                  | 3"                           | 20 LF     |         |
| 526.362                 | TRANSITION TYPE II | 382+74    | 382+94    | 3'-9"                  | 3"                           | 1 EA      |         |
| 526.351                 | TYPE I             | 382+94    | 383+44    | 3'-9"                  | 3"                           | 50 LF     |         |

| I-95 NORTHBOUND |                      |                |                |                    |                     |          |         |
|-----------------|----------------------|----------------|----------------|--------------------|---------------------|----------|---------|
| ITEM NUMBER     | BARRIER TYPE         | FROM           | TO             | EXPOSURE ALONG ORT | EMBEDMENT ALONG ORT | QUANTITY |         |
|                 |                      |                |                |                    |                     |          | 526.361 |
| 526.3511        | TYPE IA              | 337+45, 62' RT | 337+90, 62' RT | 3'-9"              | 15"                 | 45 LF    |         |
| 526.3613        | TRANSITION TYPE LP-A | 337+90, 62' RT | 338+02, 62' RT | 3'-9"              | 15"                 | 1 EA     |         |
| 526.371         | LIGHT POLE TYPE LP-A | 338+02, 62' RT | 338+12, 62' RT | 3'-9"              | 15"                 | 1 EA     |         |
| 526.3613        | TRANSITION TYPE LP-A | 338+12, 62' RT | 338+24, 62' RT | 3'-9"              | 15"                 | 1 EA     |         |
| 526.3511        | TYPE IA              | 338+24, 62' RT | 340+42, 62' RT | 3'-9"              | 15"                 | 218 LF   |         |
| 526.3613        | TRANSITION TYPE LP-A | 340+42, 62' RT | 340+54, 62' RT | 3'-9"              | 15"                 | 1 EA     |         |
| 526.371         | LIGHT POLE TYPE LP-A | 340+54, 62' RT | 340+64, 62' RT | 3'-9"              | 15"                 | 1 EA     |         |
| 526.3613        | TRANSITION TYPE LP-A | 340+64, 62' RT | 340+76, 62' RT | 3'-9"              | 15"                 | 1 EA     |         |
| 526.3511        | TYPE IA              | 340+76, 62' RT | 343+11, 62' RT | 3'-9"              | 15"                 | 235 LF   |         |
| 526.3613        | TRANSITION TYPE LP-A | 343+11, 62' RT | 343+23, 62' RT | 3'-9"              | 15"                 | 1 EA     |         |
| 526.371         | LIGHT POLE TYPE LP-A | 343+23, 62' RT | 343+33, 62' RT | 3'-9"              | 15"                 | 1 EA     |         |
| 526.3613        | TRANSITION TYPE LP-A | 343+33, 62' RT | 343+45, 62' RT | 3'-9"              | 15"                 | 1 EA     |         |
| 526.3511        | TYPE IA              | 343+45, 62' RT | 343+83, 62' RT | 3'-9"              | 15"                 | 38 LF    |         |
| 526.3611        | TRANSITION TYPE IA   | 343+83, 62' RT | 344+03, 62' RT | VARIABLES          | 15"                 | 1 EA     |         |
| 526.3531        | TYPE IIIA            | 344+03, 62' RT | 345+83, 62' RT | 4'-9"              | 3"                  | 180 LF   |         |
| 526.3511        | TYPE IA              | 345+83, 62' RT | 346+39, 62' RT | 4'-9"              | 3"                  | 56 LF    |         |
| 526.3611        | TRANSITION TYPE IA   | 346+39, 62' RT | 346+59, 62' RT | VARIABLES          | 15"                 | 1 EA     |         |
| 526.3511        | TYPE IA              | 346+59, 62' RT | 346+89, 62' RT | 3'-9"              | 15"                 | 30 LF    |         |
| 526.3613        | TRANSITION TYPE LP-A | 346+89, 62' RT | 347+01, 62' RT | 3'-9"              | 15"                 | 1 EA     |         |
| 526.371         | LIGHT POLE TYPE LP-A | 347+01, 62' RT | 347+11, 62' RT | 3'-9"              | 15"                 | 1 EA     |         |
| 526.3613        | TRANSITION TYPE LP-A | 347+11, 62' RT | 347+23, 62' RT | 3'-9"              | 15"                 | 1 EA     |         |
| 526.3511        | TYPE IA              | 347+23, 62' RT | 352+50, 62' RT | 3'-9"              | 15"                 | 527 LF   |         |

| I-95 SOUTHBOUND |                      |                |                |                       |                        |          |          |
|-----------------|----------------------|----------------|----------------|-----------------------|------------------------|----------|----------|
| ITEM NUMBER     | BARRIER TYPE         | FROM           | TO             | EXPOSURE ALONG SB ORT | EMBEDMENT ALONG SB ORT | QUANTITY |          |
|                 |                      |                |                |                       |                        |          | 526.3511 |
| 526.3612        | TRANSITION TYPE IB   | 340+80, 62' LT | 341+00, 62' LT | VARIABLES             | 15"                    | 1 EA     |          |
| 526.3512        | TYPE IB              | 341+00, 62' LT | 343+04, 62' LT | 5'-3"                 | 15"                    | 204 LF   |          |
| 526.3614        | TRANSITION TYPE LP-B | 343+04, 62' LT | 343+16, 62' LT | 5'-3"                 | 15"                    | 1 EA     |          |
| 526.372         | LIGHT POLE TYPE LP-B | 343+16, 62' LT | 343+26, 62' LT | 5'-3"                 | 15"                    | 1 EA     |          |
| 526.3614        | TRANSITION TYPE LP-B | 343+26, 62' LT | 343+38, 62' LT | 5'-3"                 | 15"                    | 1 EA     |          |
| 526.3512        | TYPE IB              | 343+38, 62' LT | 344+17, 62' LT | 5'-3"                 | 15"                    | 79 LF    |          |
| 526.3532        | TYPE IIIB            | 344+17, 62' LT | 345+97, 62' LT | 5'-3"                 | 15"                    | 180 LF   |          |
| 526.3612        | TRANSITION TYPE IB   | 345+97, 62' LT | 346+17, 62' LT | VARIABLES             | 15"                    | 1 EA     |          |
| 526.3614        | TRANSITION TYPE LP-B | 346+17, 62' LT | 346+29, 62' LT | 3'-9"                 | 2'-9"                  | 1 EA     |          |
| 526.372         | LIGHT POLE TYPE LP-B | 346+29, 62' LT | 346+39, 62' LT | 3'-9"                 | 2'-9"                  | 1 EA     |          |
| 526.3614        | TRANSITION TYPE LP-B | 346+39, 62' LT | 346+51, 62' LT | 3'-9"                 | 2'-9"                  | 1 EA     |          |
| 526.3512        | TYPE IB              | 346+51, 62' LT | 347+34, 62' LT | 3'-9"                 | 2'-9"                  | 83 LF    |          |
| 526.3614        | TRANSITION TYPE LP-B | 347+34, 62' LT | 347+46, 62' LT | 3'-9"                 | 2'-9"                  | 1 EA     |          |
| 526.372         | LIGHT POLE TYPE LP-B | 347+46, 62' LT | 347+56, 62' LT | 3'-9"                 | 2'-9"                  | 1 EA     |          |
| 526.3614        | TRANSITION TYPE LP-B | 347+56, 62' LT | 347+68, 62' LT | 3'-9"                 | 2'-9"                  | 1 EA     |          |
| 526.3512        | TYPE IB              | 347+68, 62' LT | 349+18, 62' LT | 3'-9"                 | 2'-9"                  | 150 LF   |          |
| 526.3614        | TRANSITION TYPE LP-B | 349+18, 62' LT | 349+30, 62' LT | 3'-9"                 | 2'-9"                  | 1 EA     |          |
| 526.372         | LIGHT POLE TYPE LP-B | 349+30, 62' LT | 349+40, 62' LT | 3'-9"                 | 2'-9"                  | 1 EA     |          |
| 526.3614        | TRANSITION TYPE LP-B | 349+40, 62' LT | 349+52, 62' LT | 3'-9"                 | 2'-9"                  | 1 EA     |          |
| 526.3512        | TYPE IB              | 349+52, 62' LT | 351+29, 62' LT | 3'-9"                 | 2'-9"                  | 177 LF   |          |
| 526.3614        | TRANSITION TYPE LP-B | 351+29, 62' LT | 351+41, 62' LT | 3'-9"                 | 2'-9"                  | 1 EA     |          |
| 526.372         | LIGHT POLE TYPE LP-B | 351+41, 62' LT | 351+51, 62' LT | 3'-9"                 | 2'-9"                  | 1 EA     |          |
| 526.3614        | TRANSITION TYPE LP-B | 351+51, 62' LT | 351+63, 62' LT | 3'-9"                 | 2'-9"                  | 1 EA     |          |
| 526.3512        | TYPE IB              | 351+63, 62' LT | 353+35, 62' LT | 3'-9"                 | 2'-9"                  | 172 LF   |          |
| 526.3511        | TYPE IA              | 353+35, 62' LT | 354+55, 62' LT | 3'-9"                 | 15"                    | 120 LF   |          |
| 526.361         | TRANSITION TYPE I    | 354+55, 62' LT | 354+75, 62' LT | VARIABLES             | 3"                     | 1 EA     |          |

**NOTE:**

THE EMBEDMENT DEPTHS AND EXPOSURES SHOWN FOR I-95 NORTHBOUND AND I-95 SOUTHBOUND ARE MEASURED ON THE ORT SIDE OF THE MEDIAN BARRIER.

Filename: ...031\_Typical\_08\_BARRIER.dgn

|          |          |    |      |                                      |      |      |              |     |      |
|----------|----------|----|------|--------------------------------------|------|------|--------------|-----|------|
| Scale:   |          |    |      | Designed by:                         |      |      |              |     |      |
| AS NOTED |          |    |      | <b>JACOBS</b>                        |      |      |              |     |      |
| No.      | Revision | By | Date | CONSULTANT PROJECT MANAGER: T. MORIN |      |      |              |     |      |
|          |          |    |      | By                                   | Date | By   | Date         |     |      |
|          |          |    |      | Designed                             | CSM  | 7-18 | Checked      | RRP | 7-18 |
|          |          |    |      | Drawn                                | AMS  | 7-18 | In Charge of | TWM | 7-18 |

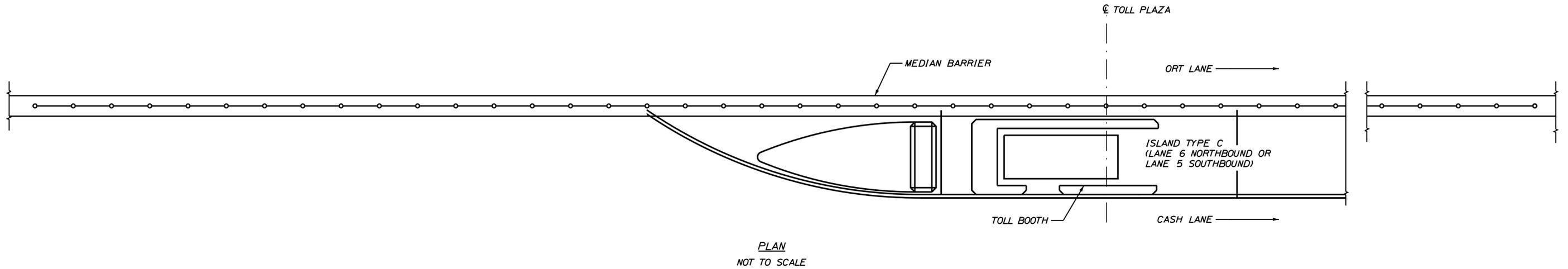
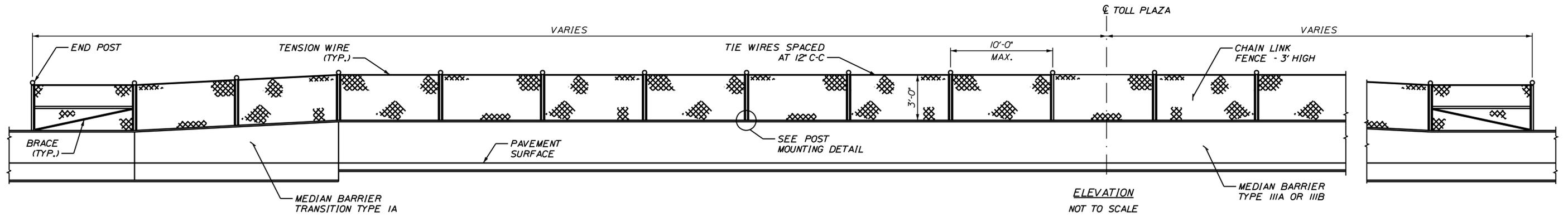
|  |  |  |  |
|--|--|--|--|
| JACOBS ENGINEERING GROUP<br>120 ST. JAMES AVENUE<br>BOSTON, MA 02116<br>TEL (617) 242-9222<br>FAX (617) 242-9824 |  |  |  |
|                             |  |  |  |
| THE GOLD STAR<br>MEMORIAL HIGHWAY  |  |  |  |
| MTA PROJECT MANAGER: R. NORWOOD  |  |  |  |

|   |  |  |  |
|---|--|--|--|
| YORK TOLL PLAZA                                       |  |  |  |
| CONCRETE BARRIER DETAILS - 8<br>MEDIAN BARRIER LAYOUT |  |  |  |
| SHEET NUMBER: BAR-08                                  |  |  |  |

|                   |  |  |  |
|-------------------|--|--|--|
| CONTRACT: 2018.20 |  |  |  |
| 31 OF 489         |  |  |  |

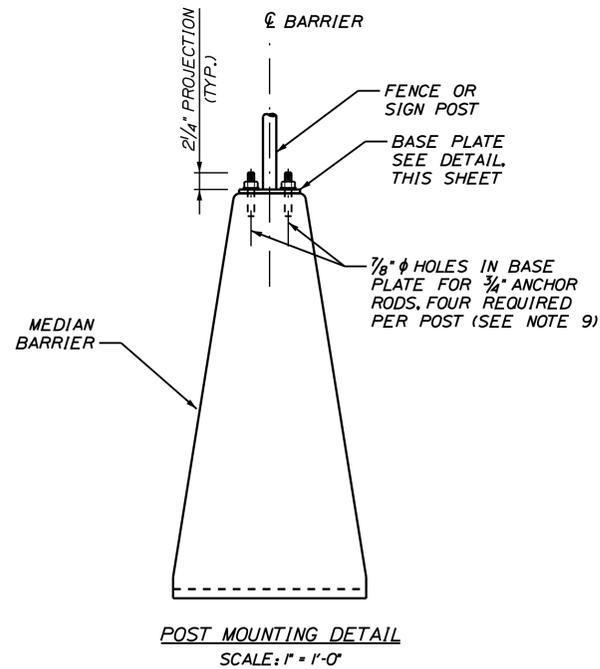
|                   |  |  |  |
|-------------------|--|--|--|
| CONTRACT: 2018.20 |  |  |  |
| 31 OF 489         |  |  |  |

Date: 8/27/2018

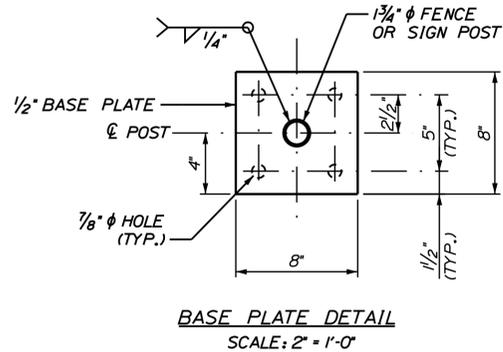


**BARRIER MOUNTED CHAIN LINK FENCE**

NB ORT STA. 1343+43 TO 1345+83  
SB ORT STA. 2344+18 TO 2346+61



POST MOUNTING DETAIL  
SCALE: 1" = 1'-0"



BASE PLATE DETAIL  
SCALE: 2" = 1'-0"

**POST ASSEMBLY FOR SIGN OR CHAIN LINK FENCE**

**NOTES:**

- BREAKAWAY POSTS SHALL NOT BE USED FOR BARRIER MOUNTED SIGNS OR FENCE.
- DRILLING AND GROUTING OF BARRIER, FURNISHING AND INSTALLING OF ANCHOR RODS AND BASE PLATES SHALL BE SUBSIDIARY TO ITEM 607.41 - POST ASSEMBLIES FOR SIGN OR CHAIN LINK FENCE.
- ANCHOR RODS SHALL BE GROUTED TO BARRIER WITH A MATERIAL LISTED ON THE MAINE DEPARTMENT OF TRANSPORTATION PREQUALIFIED LIST OF CHEMICAL ANCHORING MATERIALS. ANCHOR RODS SHALL MEET THE REQUIREMENTS OF ASTM F1554, GRADE 55 AND BE SWEDGED OR THREADED ON THE EMBEDDED PORTION. THE DEPTH OF EMBEDMENT SHALL BE SUFFICIENT TO DEVELOP THE FULL TENSILE STRENGTH OF THE ANCHOR ROD.
- BRACING AT ENDS OF FENCE SHALL BE INCIDENTAL TO THE FENCE. TENSION WIRE ALONG THE TOP OF THE FENCE SHALL BE INCIDENTAL TO THE FENCE.
- SIGNS SHALL BE ANGLED TOWARD TRAFFIC SO THAT NO PORTION OF THE SIGN PROTRUDES BEYOND THE LIMIT OF THE TOP WIDTH OF THE BARRIER.
- BOTTOM OF SIGN SHALL BE MOUNTED 5'-0" ABOVE THE EDGE OF PAVEMENT ON THE HIGH SIDE.
- ATTACHMENT OF SIGNS TO POSTS MUST PREVENT ROTATION. HARDWARE SHALL BE GALVANIZED OR STAINLESS STEEL AND WILL BE INCIDENTAL TO THE SIGN. METHOD SHALL BE APPROVED BY RESIDENT.
- ALL EXPOSED STEEL SHALL BE HOT DIPPED GALVANIZED UNLESS NOTED OTHERWISE.
- THE POST ANCHOR RODS SHALL BE LOCATED TO AVOID CONFLICTS WITH THE BARRIER REINFORCING STEEL. AT THE CONTRACTOR'S OPTION, ANCHORAGES MAY BE PRECAST IN TO THE BARRIER. DETAILS FOR ANCHORAGES TO BE PRECAST INTO THE BARRIER SHALL BE SUBMITTED TO THE RESIDENT FOR APPROVAL.
- CHAIN LINK SHALL BE STANDARD 2 INCH MESH NO. 9 BARBED FINISH, POSTS AND CHAIN LINK SHALL BE HOT DIPPED GALVANIZED.

Filename: ... \032\_Typical\_09\_BARRIER.dgn

|                 |          |    |      |
|-----------------|----------|----|------|
| Scale: AS NOTED |          |    |      |
| No.             | Revision | By | Date |
|                 |          |    |      |
|                 |          |    |      |

|                                      |     |      |              |     |      |
|--------------------------------------|-----|------|--------------|-----|------|
| Designed by:                         |     |      |              |     |      |
| <b>JACOBS</b>                        |     |      |              |     |      |
| CONSULTANT PROJECT MANAGER: T. MORIN |     |      |              |     |      |
|                                      | By  | Date |              | By  | Date |
| Designed                             | CSM | 7-18 | Checked      | RRP | 7-18 |
| Drawn                                | AMS | 7-18 | In Charge of | TWM | 7-18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

THE GOLD STAR  
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

CONCRETE BARRIER DETAILS - 9  
BARRIER MOUNTED FENCE & SIGNS

SHEET NUMBER: BAR-09

CONTRACT: 2018.20

32 OF 489

**GUARDRAIL EARTHWORK AND PAVEMENT REPAIR NOTES**

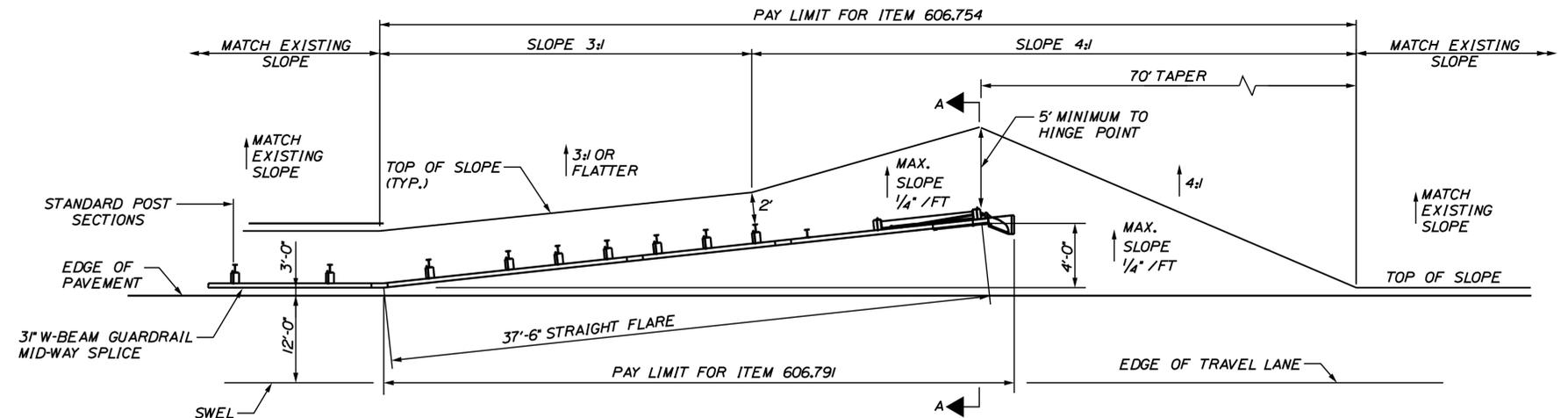
- ALL EARTHWORK AND PAVEMENT REPAIRS ASSOCIATED WITH GUARDRAIL INSTALLATIONS AND/OR MODIFICATIONS FOR THIS CONTRACT SHALL BE INCIDENTAL TO THE GUARDRAIL ITEMS UNLESS OTHERWISE NOTED.
- ALL DISTURBED AREAS DUE TO THE WORK PERFORMED UNDER THIS CONTRACT FOR GUARDRAIL REPAIRS, MODIFICATION AND/OR INSTALLATIONS SHALL BE REPAIRED AND RESTORED TO ORIGINAL CONDITION. GRASSED AREAS SHALL RECEIVE 4" OF LOAM, SEED, FERTILIZER AND MULCH. IN PAVED AREAS, SUBBASE GRAVEL SHALL BE REPLACED AND RECOMPACTED WITH MAINE DOT TYPE-D GRAVEL AND HOT MIX ASPHALT TO A THICKNESS TO MATCH SURROUNDING PAVEMENT.
- COMPACTION OF EARTH AND/OR SUBBASE GRAVEL AROUND GUARDRAIL POSTS DISTURBED DURING THE WORK IS REQUIRED. ALL POSTS SHALL BE PLUMB AFTER COMPACTION.
- EXCAVATION NECESSARY TO MAINTAIN DRAINAGE WAYS OUTSIDE OF THE FLEAT 350 WIDENING OR THE SHOULDER WIDENING WORK AREA SHALL BE PAID FOR UNDER ITEM 631.12 ALL PURPOSE EXCAVATOR AS APPROVED BY THE RESIDENT ENGINEER. EXCAVATED MATERIAL SHALL BE USED TO GRADE ANY PROPOSED SLOPE AREA OUTSIDE OF 1:1 SLOPE LIMIT OR USED TO FLATTEN SLOPES OUTSIDE THE WORK AREA AS APPROVED BY THE RESIDENT. PLACEMENT AND COMPACTION OF THE EXCAVATED MATERIAL WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.
- SLOPES CONSTRUCTED FROM THE ABOVE NOTED EXCAVATED MATERIAL SHALL BE LOAMED, SEEDED AND MULCHED. LOAM, SEED AND MULCH WILL NOT BE MEASURED FOR PAYMENT AND SHALL BE INCIDENTAL TO THE CONTRACT.

**GUARDRAIL INSTALLATION AND MODIFICATION NOTES**

- THE CONTRACTOR SHALL FOLLOW ALL MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR THE INSTALLATION AND/OR MODIFICATION OF ANY AND ALL GUARDRAIL COMPONENTS TO BE INSTALLED UNDER THIS CONTRACT. THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER IF THE CONTRACTOR DISCOVERS CONFLICTS OR IRREGULARITIES OF ANY SORT BETWEEN THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND THESE CONTRACT DOCUMENTS.
- THE CONTRACTOR IS REQUIRED TO HAVE AN APPROVED CRASH END TREATMENT ON ALL GUARDRAIL ENDS IN ALL WORK AREAS AT THE END OF EACH DAY. THE CONTRACTOR SHALL ENSURE THAT ENOUGH TIME EXISTS IN THE WORK DAY TO COMPLETE ALL MODIFICATIONS AND/OR INSTALLATIONS TO END TERMINALS. THE CONTRACTOR SHALL ENSURE THAT ALL PARTS AND MANPOWER ARE ON-SITE PRIOR TO UNDERTAKING ANY GUARDRAIL MODIFICATIONS.
- GUARDRAIL HEIGHT SHALL BE INSTALLED OR ADJUSTED TO 31" ± 0.1". ± 1/2" HEIGHT. GUARDRAIL HEIGHT SHALL BE MEASURED FROM THE EDGE OF PAVEMENT WHEN WITHIN 2 FEET. IF GUARDRAIL IS OFFSET FROM EDGE OF PAVEMENT GREATER THAN 2 FEET, THEN HEIGHT OF RAIL SHALL BE MEASURED AT GROUND ELEVATION ADJACENT TO EACH POST BELOW THE RAIL TO THE TOP OF GUARDRAIL AND AFTER FINAL GRADING OF SHOULDER.
- THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CUT BOLTS, DISCARDED PARTS, TRASH, PAVEMENT DEBRIS, ETC., AFTER COMPLETING GUARDRAIL MODIFICATIONS AND/OR INSTALLATIONS.
- CONNECTIONS FOR PROPOSED RAIL TO EXISTING RAIL SHALL BE INCIDENTAL TO THE INSTALLATION OF PROPOSED GUARDRAIL.
- FLEAT 350 TERMINALS INSTALLED UNDER THIS CONTRACT SHALL BE INSTALLED AT A HEIGHT OF 27.5' AT THE TERMINAL HEAD AND TRANSITIONING UP TO THE REQUIRED HEIGHT OF RAIL OF 31" ± 0.1" OVER A 25 LINEAR FOOT LENGTH. HEIGHT OF FLEAT 350 RAIL SHALL BE MEASURED FROM THE GROUND ELEVATION UNDER THE FLEAT RAIL PANELS TO THE TOP OF RAIL.
- SOIL ANCHOR TUBES INSTALLED AS PART OF CAT, FLEAT OR TRAILING TERMINAL ENDS SHALL NOT PROTRUDE FROM THE GROUND MORE THAN 3 1/2". ADDITIONAL SITE GRADING MAY BE REQUIRED TO ADJUST SOIL TUBE REVEAL AND IF REQUIRED SHALL NOT DIRECT STORMWATER SURFACE DRAINAGE TOWARDS THE SHOULDER OR TRAVEL WAY. ADDITIONAL SITE GRADING SHALL BE INCIDENTAL TO THE END TERMINAL INSTALLATION.
- TRANSITION RAIL HEIGHT ON TERMINAL END-ANCHORED ENDS FROM 27 1/2' AT THE END OF THE RAIL TO 31' HEIGHT OVER A 25 LINEAR FOOT LENGTH.
- TWO DELINEATOR POSTS SHALL BE INSTALLED AT EACH FLEAT.

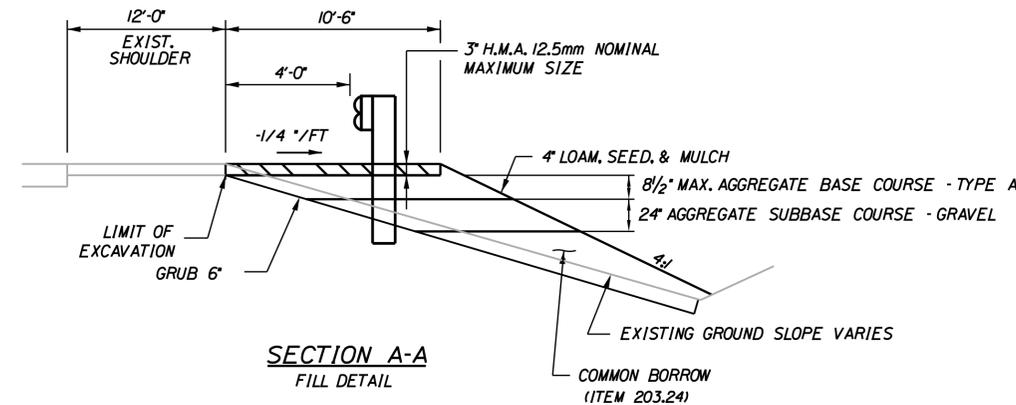
**EROSION**

- EROSION CONTROL BLANKET SHALL BE INSTALLED ON ALL DISTURBED 2:1 SLOPES AND IN FLOW LINE OF ALL DISTURBED DITCHES AFTER LOAM AND SEED HAVE BEEN INSTALLED.

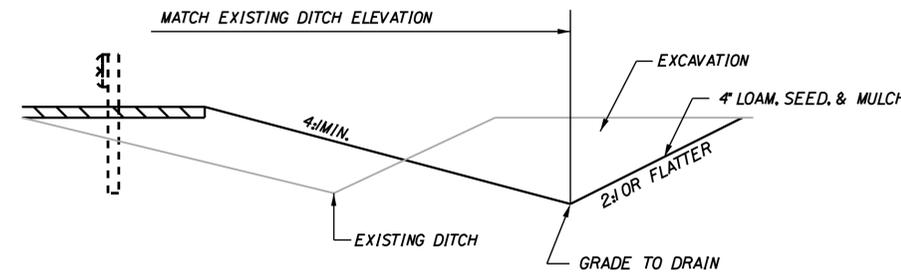


**WIDEN SHOULDER FOR GUARDRAIL FLEAT 350 TERMINAL - ITEM 606.754**

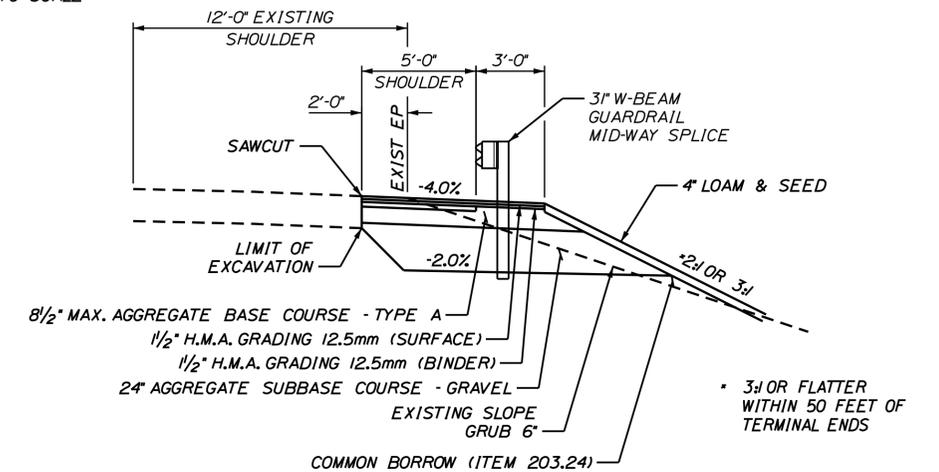
PLAN  
NOT TO SCALE



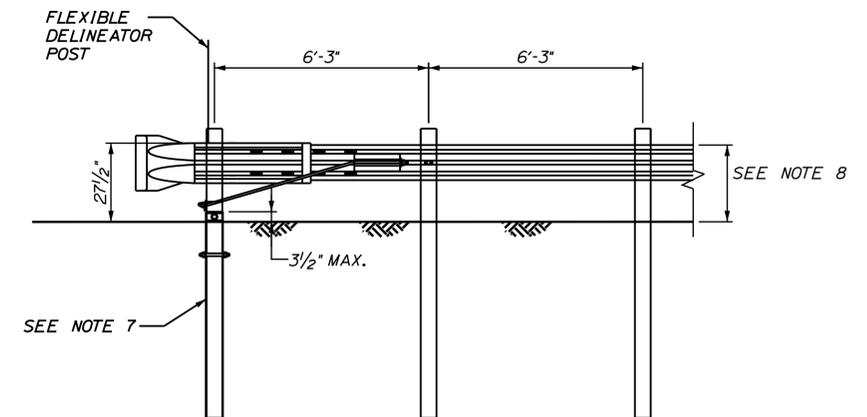
**SECTION A-A  
FILL DETAIL**



**SECTION A-A  
DITCH DETAIL**



**SHOULDER WIDENING DETAIL - ITEM 205.51**



**TERMINAL END - ANCHORED END  
(ITEM 606.278)  
SCALE: 3/8\"/>**

Date: 9/4/2018

Filename: ...033\_Typical\_01\_GUARDRAIL.dgn

|          |          |    |      |
|----------|----------|----|------|
| Scale:   |          |    |      |
| AS NOTED |          |    |      |
| No.      | Revision | By | Date |
|          |          |    |      |
|          |          |    |      |
|          |          |    |      |

Designed by:

JACOBS

CONSULTANT PROJECT MANAGER: T. MORIN

|          |     |      |              |     |      |
|----------|-----|------|--------------|-----|------|
|          | By  | Date |              | By  | Date |
| Designed | CSM | 7-18 | Checked      | RRP | 7-18 |
| Drawn    | AMS | 7-18 | In Charge of | TWM | 7-18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824



THE GOLD STAR  
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

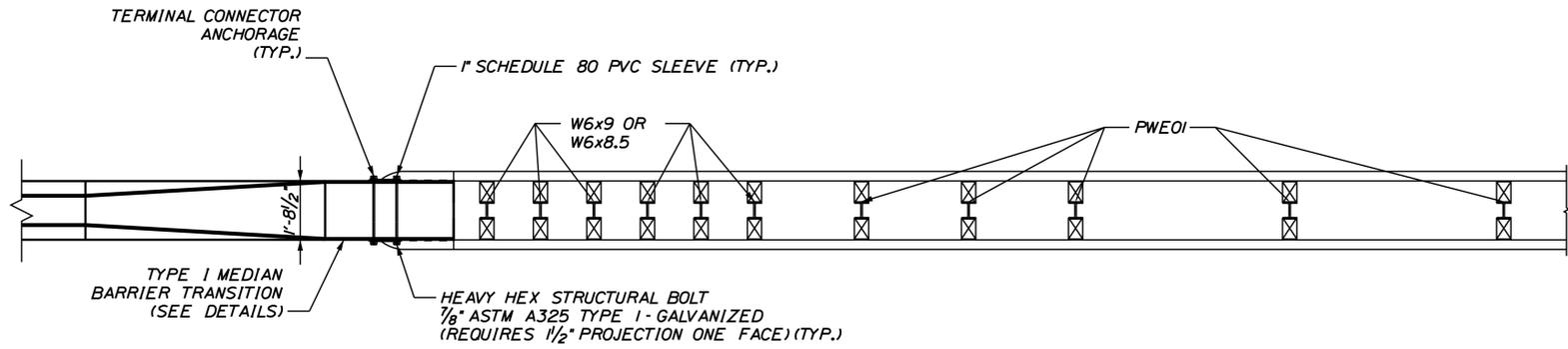
GUARDRAIL DETAILS - 1  
GUARDRAIL END TREATMENT DETAILS

SHEET NUMBER: BAR-10

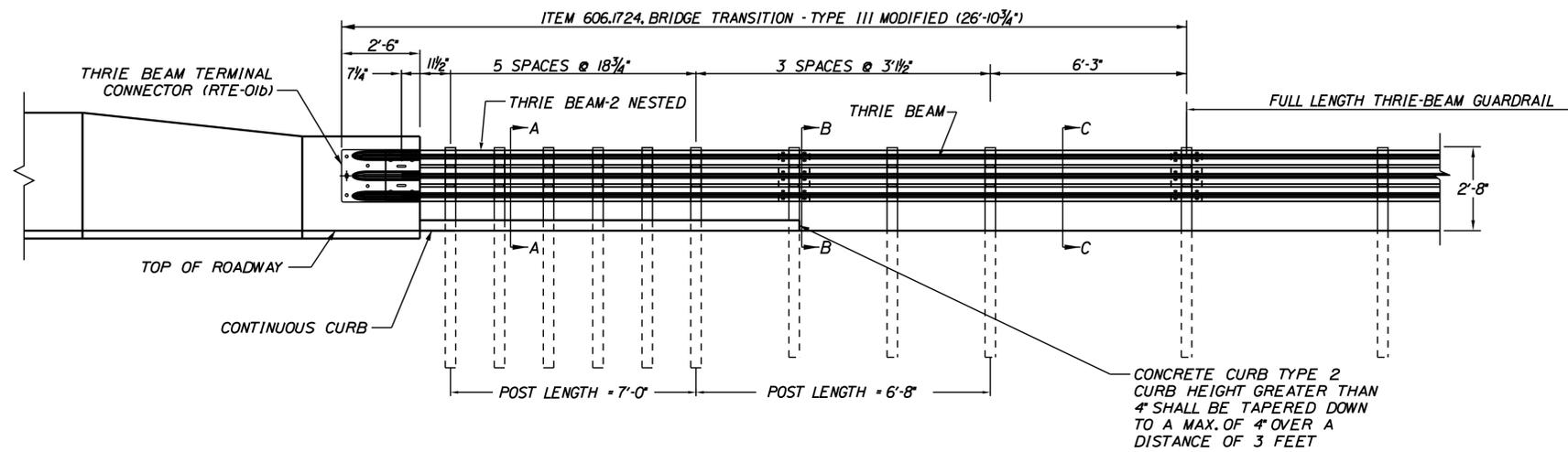
CONTRACT: 2018.20

33 OF 489

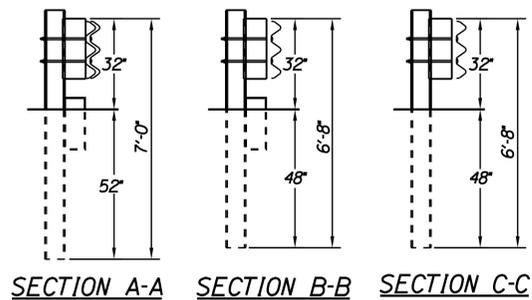
Date: 8/27/2018



PLAN VIEW  
SCALE: 3/8" = 1'-0"



BRIDGE TRANSITION - TYPE III MODIFIED (ITEM 606.1724)  
SCALE: 3/8" = 1'-0"



**GENERAL NOTES:**

- ADDITIONAL HOLES MAY BE MADE IN THE THRIE-BEAM PANELS BY DRILLING, PUNCHING, OR OTHER MEANS THAT PRODUCE A NEAT, CLEAN HOLE. BURNING HOLES WILL NOT BE ALLOWED.
- RAIL ELEMENT SHALL MEET ALL REQUIREMENTS OF AASHTO M-180 EXCEPT AS MODIFIED ON THE PLANS. THE THRIE BEAM TRANSITION TO W-BEAM SHALL BE OF THE SAME MATERIAL, BUT SHALL NOT BE LESS THAN 10 GAUGE.
- AFTER INSTALLATION IS COMPLETE, UPSET THE THREAD ON THE ANCHOR BOLTS IN THREE PLACES AROUND EACH BOLT, AT THE JUNCTION OF THE NUT AND THE EXPOSED THREAD, WITH A CENTER PUNCH OR SIMILAR TOOL.
- STANDARD BARRIER HARDWARE HAS BEEN USED TO DEVELOP THESE GUARDRAIL ATTACHMENTS. DESIGNATIONS PROVIDED IN PARENTHESIS RELATE TO STANDARD ELEMENTS DETAILED IN "A GUIDE TO STANDARDIZED BARRIER RAIL HARDWARE" 1979. AASHTO-AGC-ARTBA JOINT COOPERATE COMMITTEE.
- 1" HOLE IN CONCRETE SHALL BE FORMED BY A METHOD APPROVED BY THE ENGINEER.
- FOR THE GUARDRAIL TRANSITION, SECTION C-C GUARDRAIL TYPE 3d EXISTING OR PROPOSED SHALL TAPER FROM 30" TO TOP OF POST AT TRANSITION TO 27" OVER 50' MIN.

Filename: ...034\_Typical\_02\_GUARDRAIL.dgn

Scale: AS NOTED

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | CSM | 7-18 | Checked      | RRP | 7-18 |
| Drawn    | AMS | 7-18 | In Charge of | TWM | 7-18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

GUARDRAIL DETAILS - 2

MEDIAN BARRIER GUARDRAIL TRANSITION

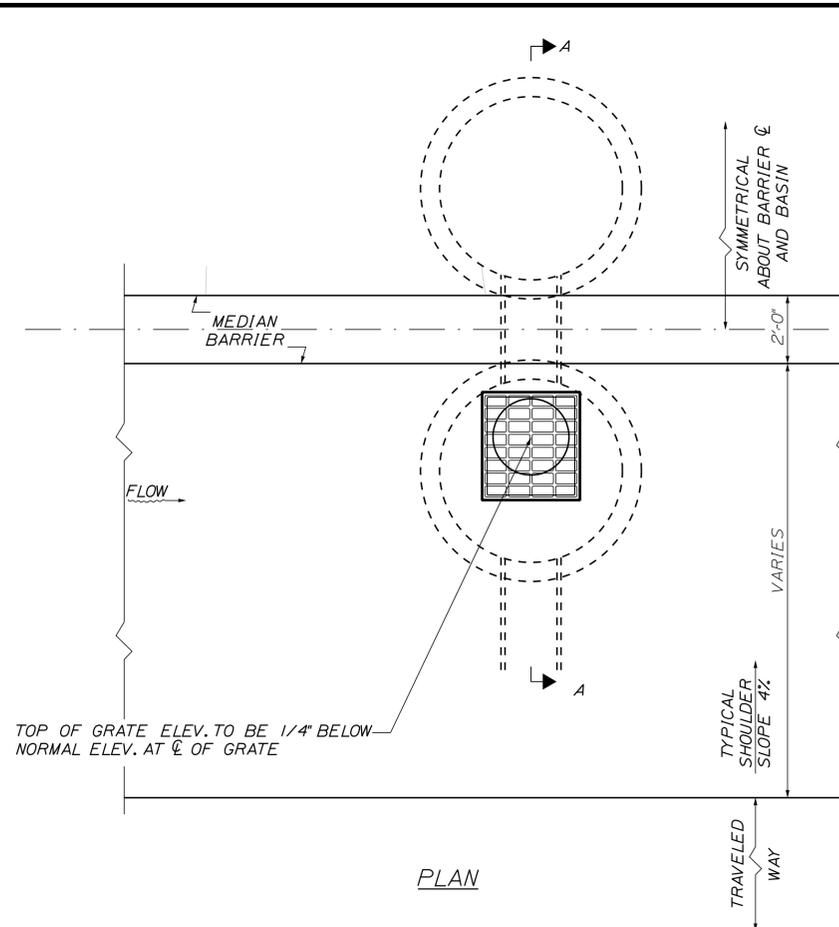
SHEET NUMBER: BAR-11

CONTRACT: 2018.20

34 OF 489

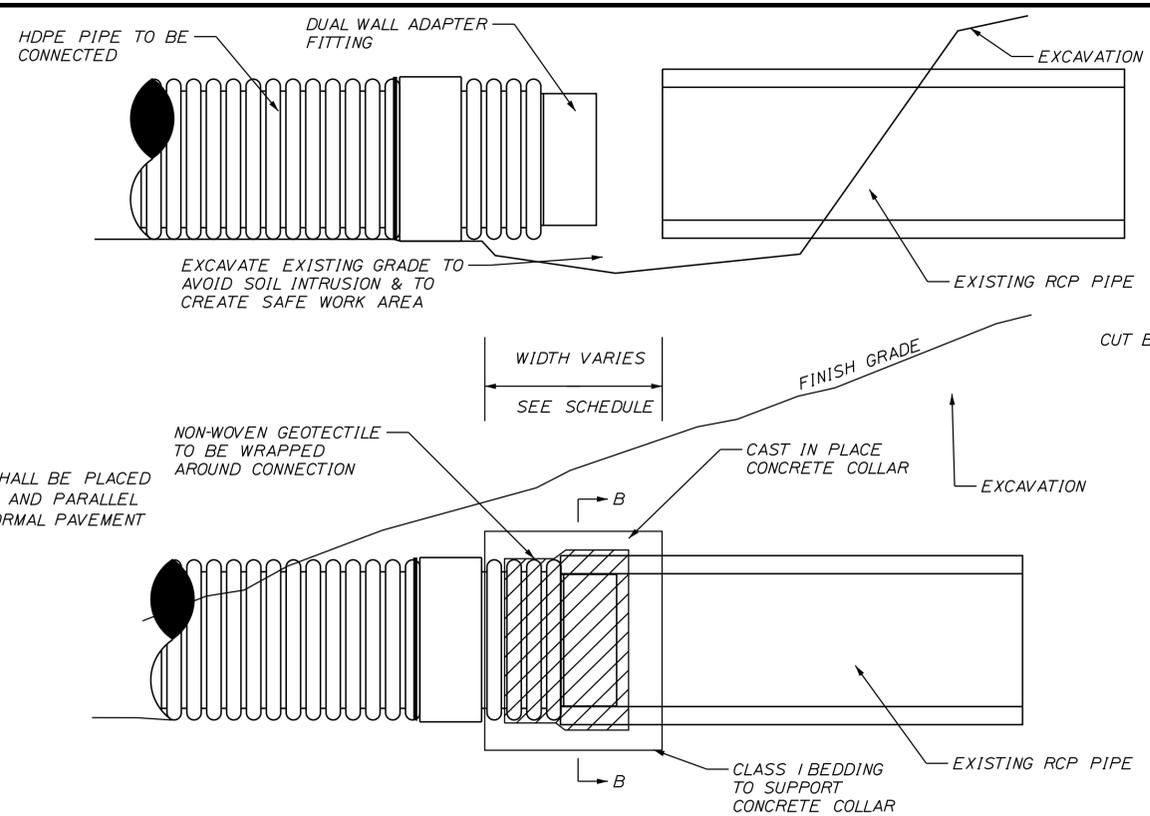
Date: 8/28/2018

Filename: ...035\_Typical\_01\_DRAINAGE.dgn

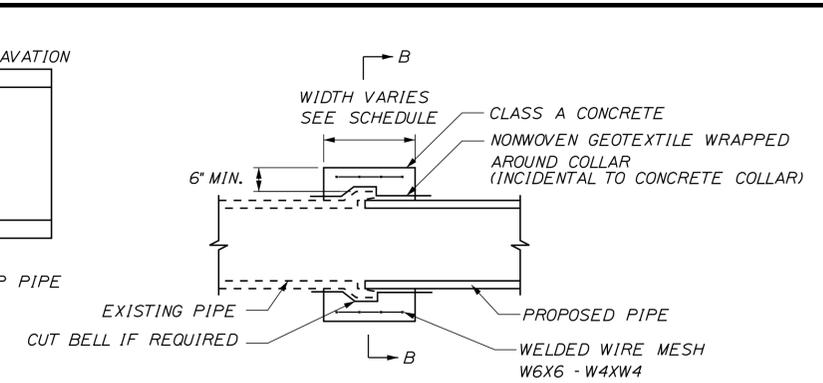


PLAN

NOTES:  
1. GRATE SHALL BE PLACED 1/4" BELOW AND PARALLEL TO THE NORMAL PAVEMENT GRADE.



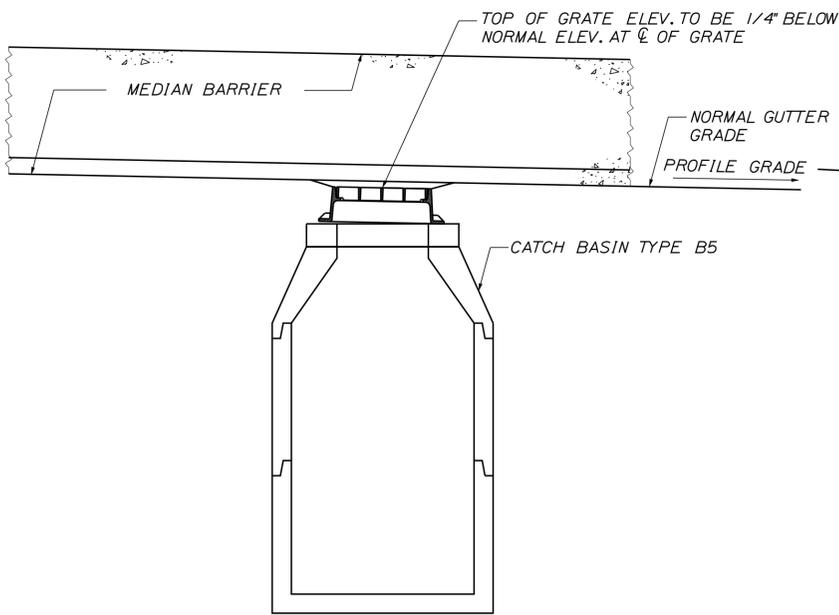
CONCRETE COLLAR FOR UNMATCHED DRAINAGE PIPES



CONCRETE COLLAR FOR DRAINAGE PIPES

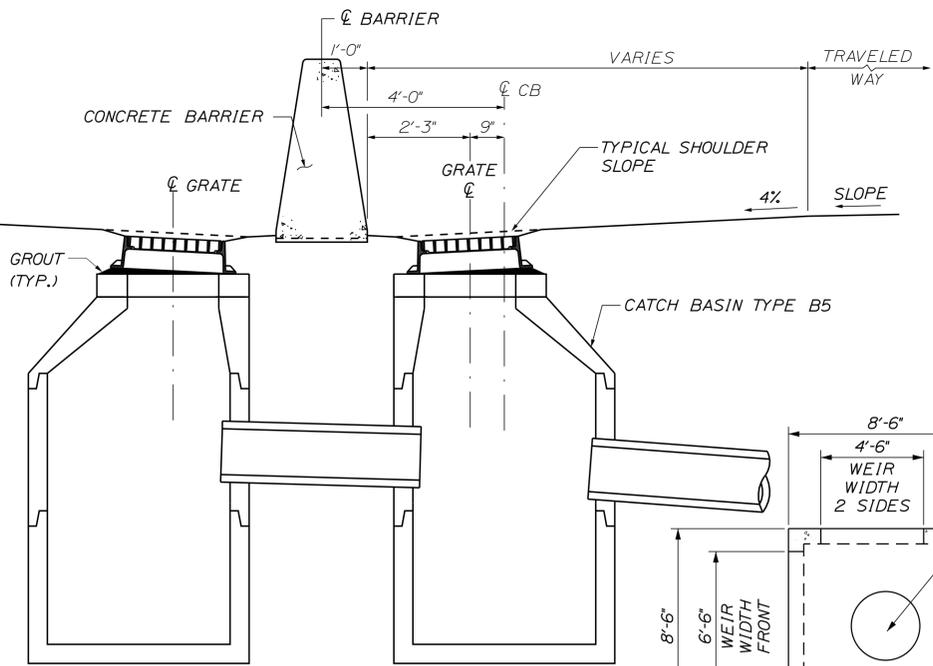
NOTES:  
1. CONNECTION AND PIPE TO BE BACKFILLED PER ASTM D2321 (CRUSHED STONE).  
2. CONCRETE SHALL BE CLASS A FIBER REINFORCED.  
3. SEE CONCRETE COLLAR WIDTH SCHEDULE FOR DIMENSIONS.

| CONCRETE COLLAR WIDTH SCHEDULE |                         |
|--------------------------------|-------------------------|
| PIPE DIAMETER (INCHES)         | WIDTH OF CONC. (INCHES) |
| 12                             | 24                      |
| 15                             | 24                      |
| 18                             | 24                      |
| 24                             | 24                      |
| 30                             | 30                      |
| 36                             | 36                      |
| 42                             | 48                      |
| 48                             | 48                      |

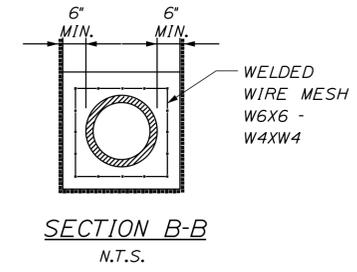


ELEVATION

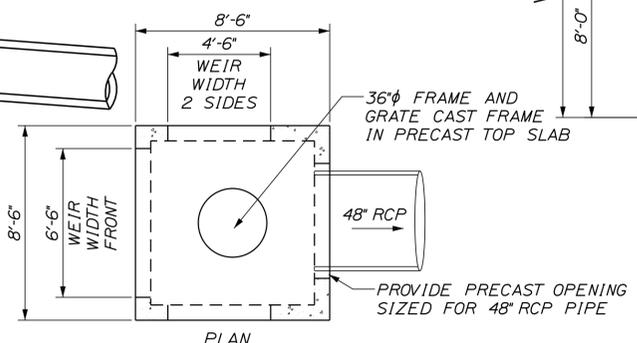
PLACEMENT OF DRAINAGE STRUCTURES ALONG BARRIER



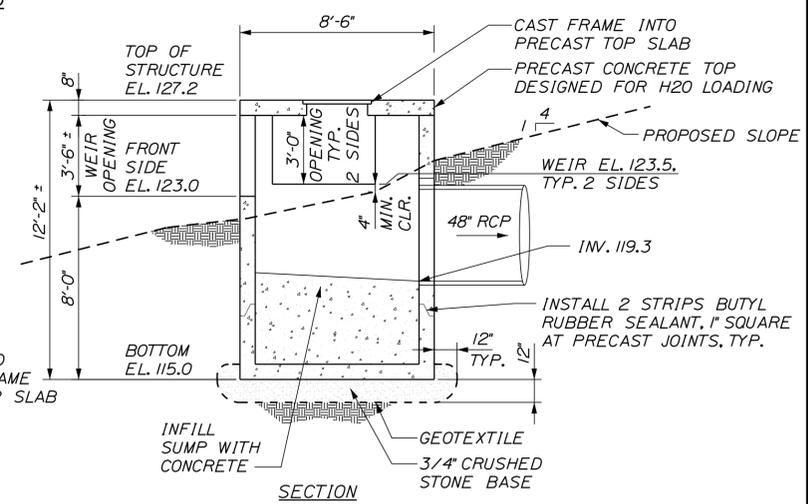
SECTION A-A



SECTION B-B  
N.T.S.



PLAN



SECTION

INLET DETAIL  
STA. 374+76  
NOT TO SCALE

NOTES:  
1. SUBMIT SHOP DRAWINGS FOR PRECAST STRUCTURE FOR ENGINEERS APPROVAL.

Scale: AS NOTED

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

Designed by:

**SEBAGO TECHNICS**  
WWW.SEBAGOTECHNICS.COM

CONSULTANT PROJECT MANAGER: S. SAWYER, P.E.

| By       | Date     | By           | Date     |
|----------|----------|--------------|----------|
| Designed | PDO 7/18 | Checked      | DLR 7/18 |
| Drawn    | DB 7/18  | In Charge of | ---      |

SEBAGO TECHNICS  
75 JOHN ROBERTS ROAD,  
SUITE 4A  
SOUTH PORTLAND, ME 04106  
TEL (207) 200-2100

**MAINE TURNPIKE**

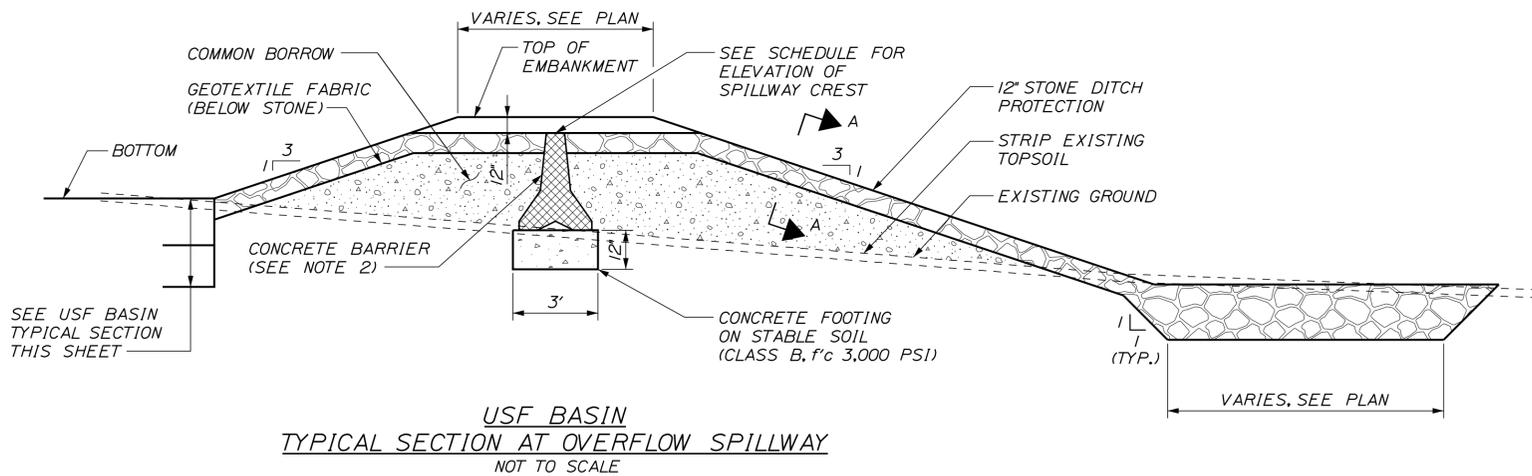
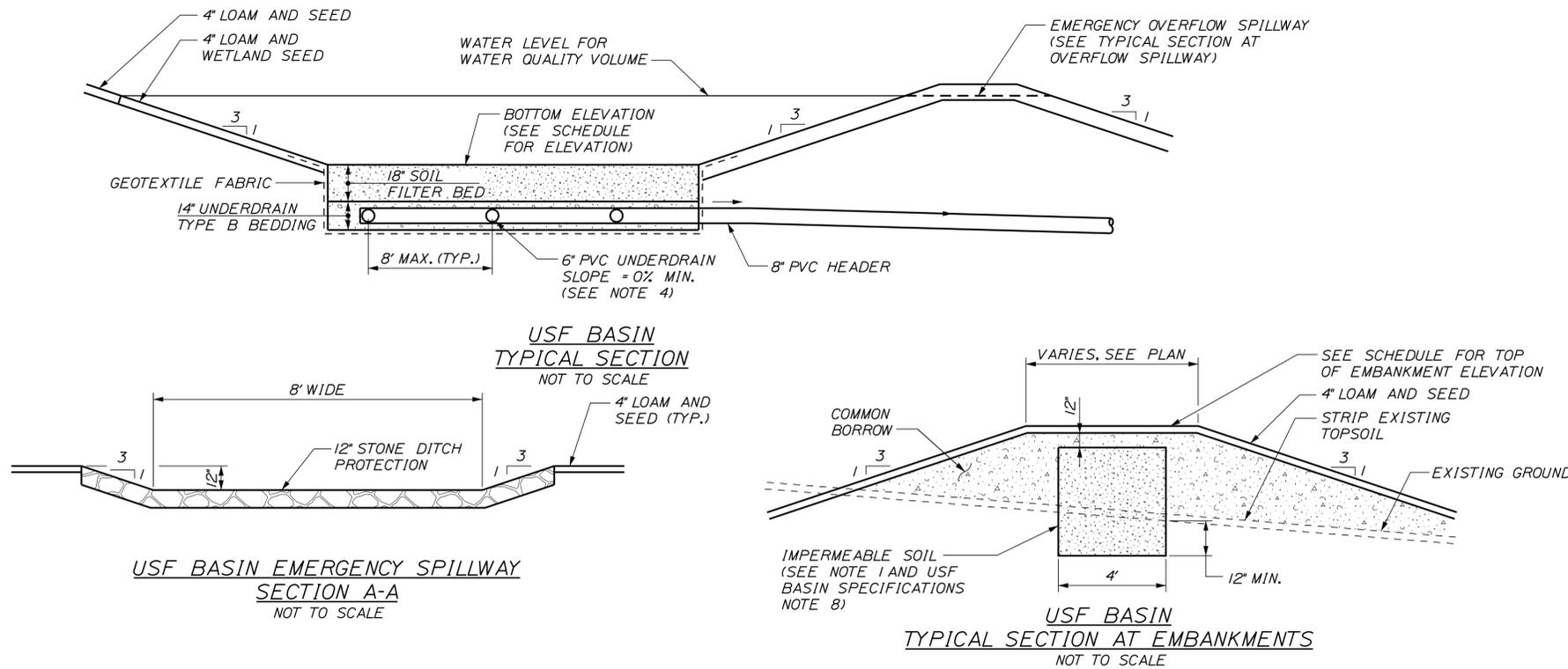
**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
DRAINAGE DETAILS

SHEET NUMBER: DD-01  
CONTRACT: 2018.20  
35 OF 489

Date: 8/28/2018



**USF BASIN SPECIFICATIONS:**

- SOIL FILTER BED MATERIAL SHALL BE A LIGHTLY COMPACTED THOROUGHLY BLENDED MIXTURE OF THE FOLLOWING:
  - SAND (50-55% BY VOLUME): MAINEDOT SPEC. 703.01 (FINE AGGREGATE FOR CONCRETE).
  - TOPSOIL (20-30% BY VOLUME): LOAMY SAND TOPSOIL WITH MINIMAL CLAY CONTENT AND BETWEEN 15-25% FINES PASSING #200 SIEVE.
  - MULCH (20-30% BY VOLUME): MODERATELY FINE SHREDDED BARK MULCH OR WOOD FIBER MULCH WITH LESS THAN 5% PASSING #200 SIEVE.
- UNDERDRAIN BACKFILL (BEDDING) SHALL BE WELL GRADED, CLEAN, COARSE GRAVEL MEETING MAINEDOT SPECIFICATION 703.22, TYPE B UNDERDRAIN BACKFILL NO MORE THAN 2% BY WEIGHT SHALL PASS THE #200 SIEVE.
- GEOTEXTILE FABRIC SHALL BE MAINEDOT SPECIFICATION 722.02, CLASS A DESIGNATION.
- UNDERDRAIN PIPE SHALL BE PVC CONFORMING TO ASTM D3034, SDR 35. (UNDERDRAIN LATERALS SHALL BE 6 INCH SLOTTED PVC, 8 INCH PVC HEADER/OUTLET PIPE SHALL NOT BE SLOTTED.)
- STONE DITCH PROTECTION FOR EMERGENCY SPILLWAY AND PIPE OUTLET/DITCH PROTECTION SHALL BE MEDOT SPECIFICATION 703.29 WITH 90-100% WEIGHT OF ROCK PASSING AN 8 INCH SIEVE AND 0-15% PASSING A 4 INCH SIEVE.
- PRECAST CONCRETE BARRIER SHALL BE NEW, UNUSED (CLEAN) UNITS, 10 FOOT LONG EACH.
- SURFACE OF SOIL FILTER SHALL BE PLANTED WITH WETLAND SEED "NEW ENGLAND EROSION CONTROL/RESTORATION MIX" AS SUPPLIED BY NEW ENGLAND WETLAND PLANTS, INC. SEED MIX SHALL BE APPLIED AT DOUBLE THE MANUFACTURER'S APPLICATION RATE. SURFACE SHALL BE STABILIZED WITH AN APPROVED EROSION CONTROL MATTING.
- IMPERMEABLE SOIL (EMBANKMENT CORE) SHALL BE MAINEDOT SPECIFICATION 203.245, CLAY BORROW.
- STORMWATER FILTER SHALL BE CONSTRUCTED TO THE LIMITS AND DETAILS SHOWN ON THE PLANS AND THE ABOVE SPECIFICATIONS UNLESS OTHERWISE APPROVED BY THE RESIDENT.
- FILTER BED MATERIAL SHALL NOT BE PLACED IN USF BASINS UNTIL THE TRIBUTARY DRAINAGE AREA IS PERMANENTLY STABILIZED AGAINST EROSION.
- EROSION CONTROL BLANKETS CONFORMING TO MAINEDOT STANDARD DETAIL 802(02) SHALL BE PROVIDED ON ALL USF BASIN EMBANKMENT SLOPES, BOTH INTERIOR AND EXTERIOR SLOPES.

**CONSTRUCTION NOTES FOR UNDERDRAINED SOIL FILTER:**

- THE AREA OF THE BASIN MAY BE EXCAVATED IN PREPARATION OF THE INSTALLATION OF THE UNDERDRAIN AND CAN BE USED FOR A SEDIMENT TRAP FROM THE SITE DURING CONSTRUCTION, AS LONG AS THE BASIN IS MULCHED AND STABILIZED TO PREVENT EROSION.
- THE SOIL FILTER MEDIA AND VEGETATION MUST NOT BE INSTALLED UNTIL THE AREA THAT DRAINS TO THE FILTER HAS BEEN PERMANENTLY STABILIZED WITH PAVEMENT OR OTHER STRUCTURE, 90% VEGETATION COVER, OR OTHER PERMANENT STABILIZATION. OTHERWISE, THE RUNOFF FROM THE CONTRIBUTING AREA MUST BE DIVERTED AROUND THE FILTER UNTIL STABILIZATION IS COMPLETED.
- IF VEGETATION IS NOT ESTABLISHED WITHIN THE FIRST YEAR, THE CONTRACTOR MAY INSTALL A 2-3 INCH LAYER OF SANDY LOAM TOPSOIL (WITH LESS THAN 2% CLAY) ON THE SURFACE OF THE GRASS FILTER AND RESEED/MULCH.
- INSPECTION OF THE FILTER BASIN SHALL BE PROVIDED FOR EACH PHASE OF CONSTRUCTION BY THE DESIGN ENGINEER WITH REQUIRED REPORTING TO THE DEP. AT A MINIMUM, THE DESIGN ENGINEER SHALL INSPECT THE CONSTRUCTION AT THE FOLLOWING PHASES:
  - AFTER PRELIMINARY CONSTRUCTION OF THE FILTER GRADES AND ONCE THE UNDERDRAIN PIPES ARE INSTALLED BUT NOT BACKFILLED.
  - AFTER THE DRAINAGE LAYER IS CONSTRUCTED AND PRIOR TO THE INSTALLATION OF THE FILTER MEDIA.
  - AFTER THE FILTER MEDIA HAS BEEN INSTALLED AND SEEDED.
  - AFTER ONE YEAR TO INSPECT HEALTH OF THE VEGETATION AND MAKE CORRECTIONS, AND
  - ALL MATERIAL USED FOR THE CONSTRUCTION OF THE FILTER BASIN SHALL BE APPROVED BY THE DESIGN ENGINEER AFTER TESTS BY A CERTIFIED LABORATORY SHOW THAT THEY ARE PASSING DEP SPECIFICATIONS.
- THE CONTRACTOR SHALL IDENTIFY THE LOCATION OF THE SOURCE OF EACH COMPONENT OF THE FILTER MEDIA. ALL RESULTS OF THE FIELD AND LABORATORY TESTING SHALL BE SUBMITTED TO THE DESIGN ENGINEER FOR CONFIRMATION. THE CONTRACTOR SHALL:
  - SUBMIT SAMPLES OF EACH TYPE OF MATERIAL TO BE BLENDED FOR THE MIXED FILTER MEDIA AND SAMPLES OF THE UNDERDRAIN BEDDING MATERIAL. SAMPLES MUST BE A COMPOSITE OF THREE GRABS FROM THE STOCKPILE OR PIT FACE. SAMPLE SIZE REQUIRED WILL BE DETERMINED BY THE TESTING LABORATORY.
  - PERFORM A SIEVE ANALYSIS CONFORMING TO ASTM C136 (STANDARD TEST METHOD FOR SIEVE ANALYSIS OF FINE AND COARSE AGGREGATES, 1996A) ON EACH TYPE OF THE SAMPLE MATERIAL. THE RESULTING SOIL FILTER MEDIA MIXTURE MUST HAVE 8% TO 12% BY WEIGHT PASSING THE #200 SIEVE, A CLAY CONTENT OF LESS THAN 2% (DETERMINED BY HYDROMETER GRAIN SIZE ANALYSIS) AND HAVE 10% DRY WEIGHT OF ORGANIC MATTER.
  - PERFORM A PERMEABILITY TEST ON THE SOIL FILTER MEDIA CONFORMING TO ASTM D2434 WITH THE MIXTURE COMPACTED TO 90-92% OF MAXIMUM DRY DENSITY BASED ON ASTM D698.

**NOTES:**

- AT EMERGENCY SPILLWAY, IMPERMEABLE SOIL (EMBANKMENT CORE) SHALL TIE INTO CONCRETE BARRIER AND EXTEND 3 FEET ALONG EACH END OF CONCRETE BARRIER.
- SET TOP OF CONCRETE BARRIER LEVEL AND AT DESIGNATED ELEVATION OF SPILLWAY CREST.
- FOR LAYOUT OF UNDERDRAIN SOIL FILTER (USF BASINS), SEE PROPOSED STORMWATER TREATMENT PLANS
- FOR LAYOUT OF UNDERDRAIN PIPING, SEE PROPOSED STORMWATER TREATMENT PLANS.
- 6" PVC PIPE LOCATED BELOW SEDIMENT FOREBAY SHALL BE SOLID WALL PIPE.

| USF BASIN SCHEDULE |            |             |                        |                     |                        |             |                                 |                            |                            |                 |
|--------------------|------------|-------------|------------------------|---------------------|------------------------|-------------|---------------------------------|----------------------------|----------------------------|-----------------|
| USF BASIN          | STATION    | BOTTOM (FT) | TOP OF EMBANKMENT (FT) | SPILLWAY CREST (FT) | UNDERDRAIN INVERT (FT) | TEST PIT ID | EXISTING GRADE AT TEST PIT (FT) | LIMITING FACTOR DEPTH (FT) | LIMITING FACTOR ELEV. (FT) | LIMITING FACTOR |
| #5                 | 313+00, RT | 115.00      | 118.00                 | 117.00              | 112.65                 | SWM-3       | 119.90                          | 5.60                       | 114.30                     | BEDROCK         |
| #6                 | 340+00, LT | 161.00      | 165.00                 | 164.50              | 158.65                 | SWM-5       | 165.40                          | 5.00                       | 160.40                     | BEDROCK         |
| #7                 | 342+50, LT | 162.00      | 164.00                 | 163.75              | 159.65                 | SWM-5       | 165.40                          | 5.00                       | 160.40                     | BEDROCK         |
| #8                 | 353+50, RT | 145.00      | 148.00                 | 146.90              | 142.65                 | SWM-8       | 155.50                          | 5.70                       | 149.80                     | BEDROCK         |
| #9                 | 354+50, RT | 145.00      | 148.00                 | 146.75              | 142.65                 | SWM-9       | 145.80                          | 5.00                       | 140.80                     | BEDROCK         |

Scale: AS NOTED

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

Designed by:

WWW.SEAGOTECHNICS.COM

CONSULTANT PROJECT MANAGER: S. SAWYER, P.E.

| By       | Date     | By           | Date     |
|----------|----------|--------------|----------|
| Designed | PDO 7/18 | Checked      | DLR 7/18 |
| Drawn    | DB 7/18  | In Charge of | ---      |

SEBAGO TECHNICS  
 75 JOHN ROBERTS ROAD,  
 SUITE 4A  
 SOUTH PORTLAND, ME 04106  
 TEL (207) 200-2100

**THE GOLD STAR MEMORIAL HIGHWAY**

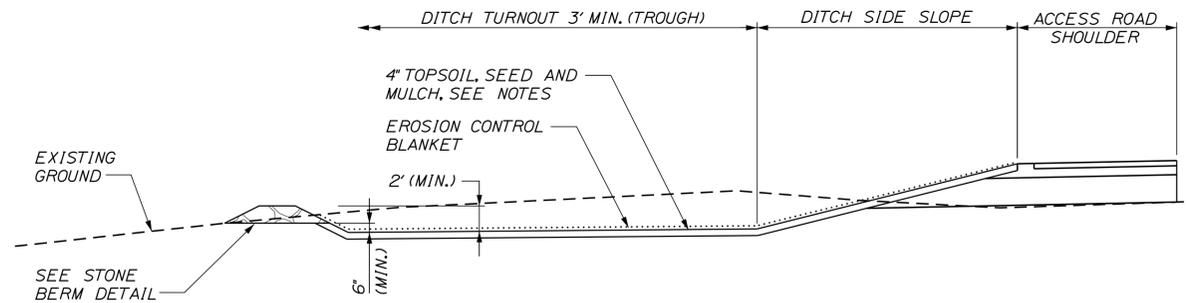
MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
 DRAINAGE DETAILS

SHEET NUMBER: DD-02  
 CONTRACT: 2018.20  
 36 OF 489

Filename: ...036\_Typical\_02\_DRAINAGE.dgn

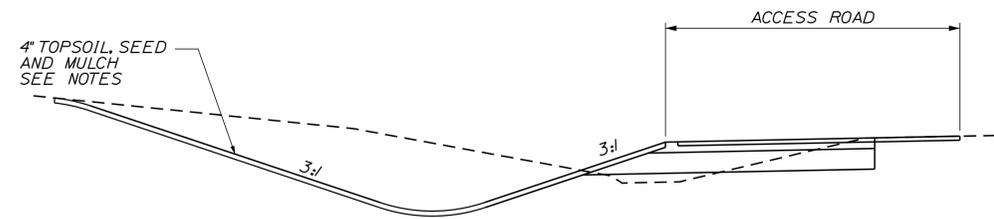
Date: 8/28/2018



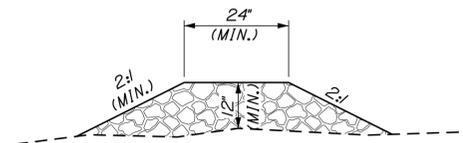
**NOTES:**

1. PROVIDE EARTHEN BERM AT BOTTOM OF ROADSIDE DITCH TO PREVENT DITCH RUNOFF FROM FLOWING PAST DITCH TURNOUT. TOP ELEVATION SHOULD BE MINIMUM 6" ABOVE TOP OF STONE BERM.
2. THE TROUGH SHALL BE CONSTRUCTED WITH A MINIMUM 3 FEET WIDE FLAT BOTTOM WITH ELEVATION SHOWN. REMAINDER OF TURNOUT BOTTOM CAN BE GRADED AS NECESSARY INCLUDING PROVIDING ADDITIONAL THROUGH WIDTH AT ELEVATION SHOWN.
3. SEEDING METHOD NO. 2 MODIFIED SHALL BE USED ON ALL VEGETATED DITCH TURNOUTS.

DITCH TURNOUT TYPICAL SECTION



VEGETATED SWALE TYPICAL SECTION

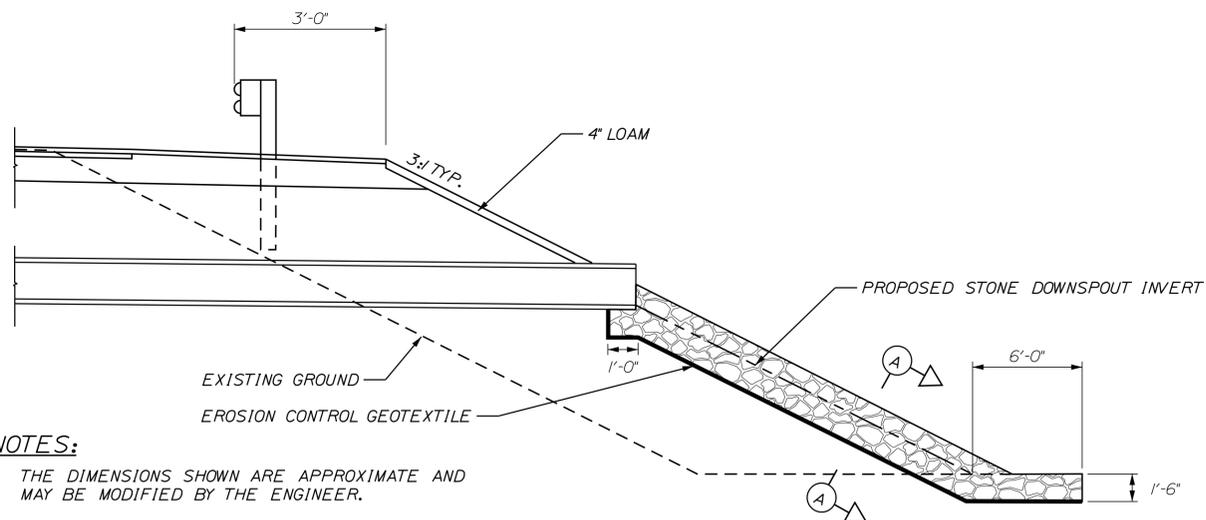


| LOCATION   | BERM LENGTH |
|------------|-------------|
| BUFFER 'A' | 20'         |
| BUFFER 'B' | 20'         |
| BUFFER 'C' | 20'         |

STONE BERM DETAIL

**NOTES:**

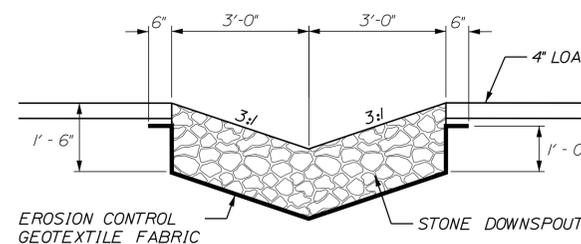
1. CONSTRUCT STONE BERM ALONG EXISTING CONTOUR.
2. STONE BERM MINIMUM HEIGHT IS 12" AND MINIMUM WIDTH IS 24" AT TOP WITH 2:1 SIDESLOPES.
3. STONE FOR BERM SHALL BE SOUND DURABLE ROCK SUCH AS FIELD STONE. ROUGH QUARRIED STONE BLASTED LEDGE ROCK MUST BE WELL GRADED WITH A MEDIAN SIZE OF 3" AND A MAXIMUM OF 6".
4. STONE BERM MUST BE LEVEL.



**NOTES:**

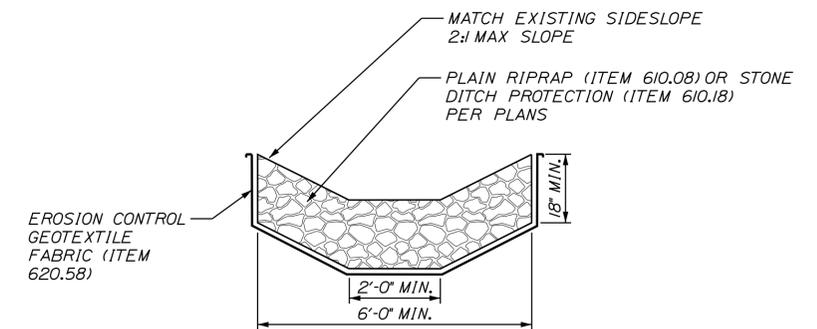
1. THE DIMENSIONS SHOWN ARE APPROXIMATE AND MAY BE MODIFIED BY THE ENGINEER.
2. EXCAVATION TO REMOVE EXISTING PIPE SHALL BE INCIDENTAL TO THE PROPOSED PIPE ITEMS.
3. FOR SECTION A-A, SEE STONE DOWNSPOUT DETAIL.

CATCH BASIN OUTLET ON OUTSIDE EDGE OF SHOULDER  
NOT TO SCALE



SECTION A-A  
NOT TO SCALE

1 LF OF DOWNSPOUT = .33 CY PF STONE DITCH PROTECTION  
1 LF OF DOWNSPOUT = 1.04 SY OF EROSION CONTROL GEOTEXTILE FABRIC



STONE SWALE DETAIL  
NOT TO SCALE

**NOTES:**

1. THE DIMENSIONS SHOWN ARE APPROXIMATE AND MAY BE MODIFIED BY THE ENGINEER.

Filename: ...037\_Typical\_03\_DRAINAGE.dgn

| Scale:       |          |    |      |
|--------------|----------|----|------|
| NOT TO SCALE |          |    |      |
| No.          | Revision | By | Date |
|              |          |    |      |
|              |          |    |      |
|              |          |    |      |

Designed by:

**SEBAGO**  
TECHNICS  
WWW.SEBAGOTECHNICS.COM

CONSULTANT PROJECT MANAGER: S. SAWYER, P.E.

|          | By  | Date |              | By  | Date  |
|----------|-----|------|--------------|-----|-------|
| Designed | DLR | 7/18 | Checked      | DLR | 7/18  |
| Drawn    | DB  | 7/18 | In Charge of | --- | --/-- |

SEBAGO TECHNICS  
75 JOHN ROBERTS ROAD,  
SUITE 4A  
SOUTH PORTLAND, ME 04106  
TEL (207) 200-2100

**MAINE**  
**TURNPIKE**

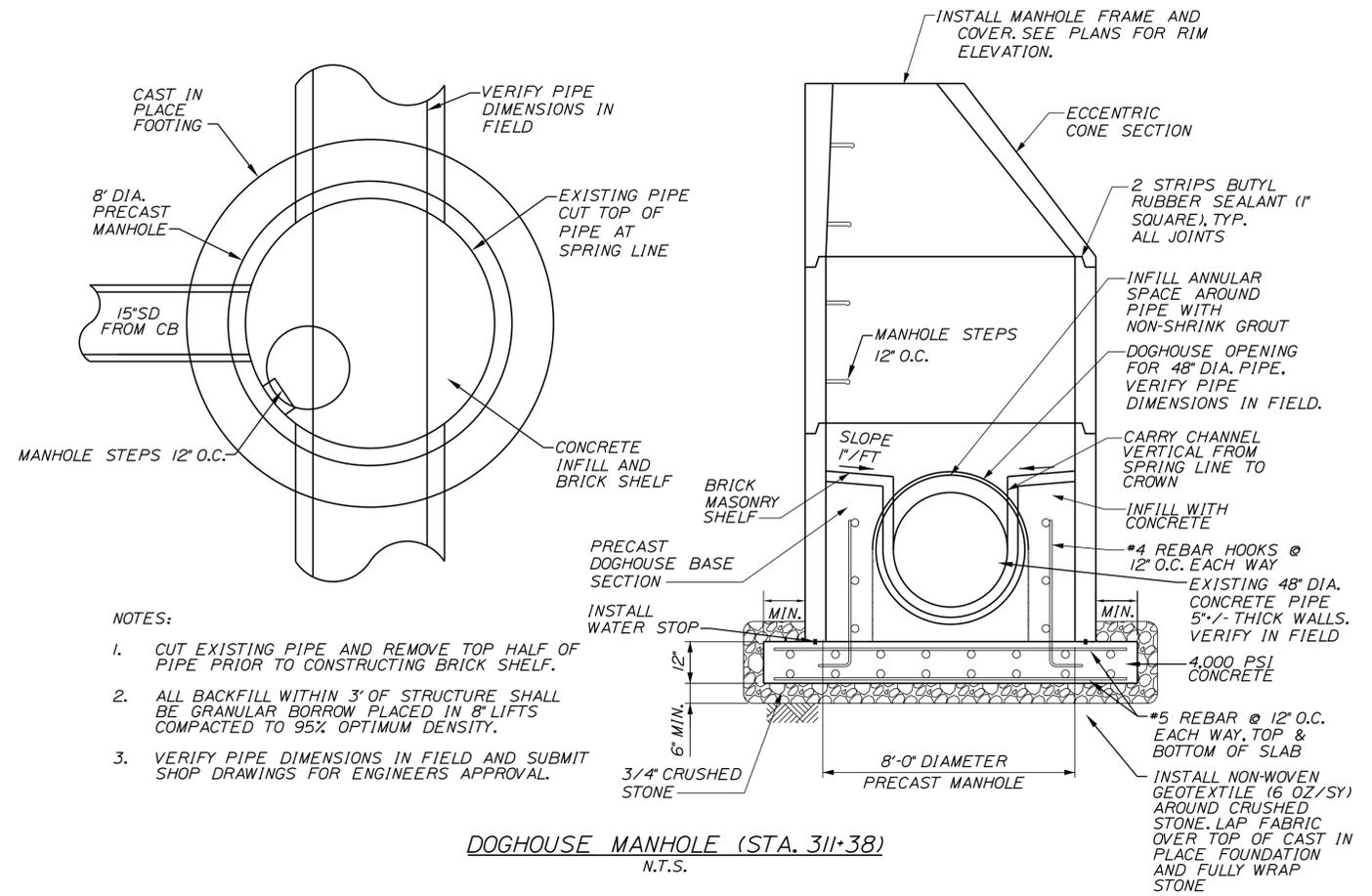
**THE GOLD STAR**  
**MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
DRAINAGE DETAILS

SHEET NUMBER: DD-03  
CONTRACT: 2018.20  
94 OF 489

Date: 8/28/2018



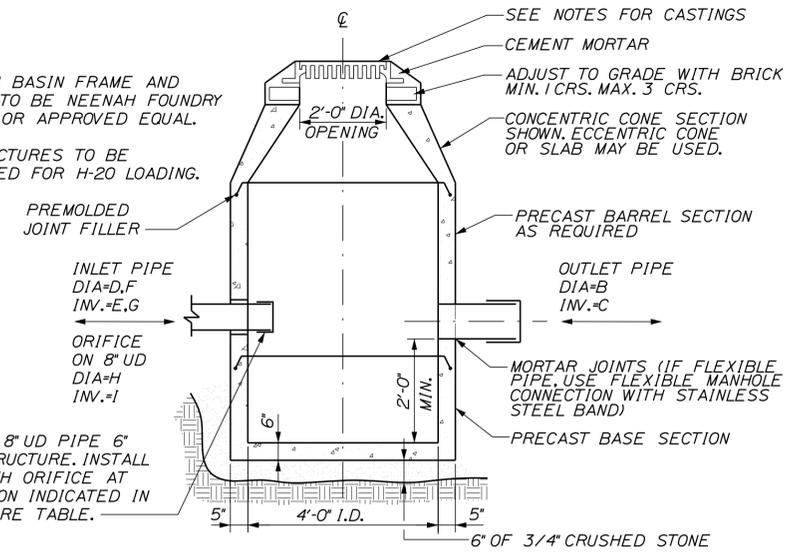
NOTES:

- CUT EXISTING PIPE AND REMOVE TOP HALF OF PIPE PRIOR TO CONSTRUCTING BRICK SHELF.
- ALL BACKFILL WITHIN 3' OF STRUCTURE SHALL BE GRANULAR BORROW PLACED IN 8" LIFTS COMPACTED TO 95% OPTIMUM DENSITY.
- VERIFY PIPE DIMENSIONS IN FIELD AND SUBMIT SHOP DRAWINGS FOR ENGINEERS APPROVAL.

DOGHOUSE MANHOLE (STA. 311+38)  
N.T.S.

NOTES:

- CATCH BASIN FRAME AND GRATE TO BE NEENAH FOUNDRY R-3405, OR APPROVED EQUAL.
- STRUCTURES TO BE DESIGNED FOR H-20 LOADING.



OUTLET CONTROL STRUCTURE  
NOT TO SCALE

| ID    | STATION             | RIM (A) | OUTLET PIPE |            | INLET PIPE |            | INLET PIPE |            | ORIFICE FROM UDF |            |
|-------|---------------------|---------|-------------|------------|------------|------------|------------|------------|------------------|------------|
|       |                     |         | DIA (B)     | INVERT (C) | DIA (D)    | INVERT (E) | DIA (F)    | INVERT (G) | DIA (H)          | INVERT (I) |
| OCS*5 | 312+60.0, 125.4' RT | 116.00  | 12"         | 112.15     | 8"         | 112.65     | --         | --         | 0.8"             | 112.65     |
| OCS*6 | 341+96.3, 257.5' LT | 163.00  | 12"         | 158.15     | 8"         | 158.65     | --         | --         | 1.2"             | 158.65     |
| OCS*7 | 342+23.4, 231.2' LT | 163.25  | 12"         | 159.15     | 8"         | 159.65     | --         | --         | 0.7"             | 159.65     |
| OCS*8 | 353+96.6, 166.2' RT | 146.20  | 15"         | 142.15     | 8"         | 142.65     | --         | --         | 1.4"             | 142.65     |
| OCS*9 | 354+92.9, 151.6' RT | 146.00  | 18"         | 141.43     | 8"         | 142.65     | 15"        | 141.68     | 1.0"             | 142.65     |

Filename: ...038\_Typical\_04\_DRAINAGE.dgn

Scale: AS NOTED

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

Designed by:

**SEBAGO**  
TECHNICS  
WWW.SEBAGOTECHNICS.COM

CONSULTANT PROJECT MANAGER: S. SAWYER, P.E.

|          | By  | Date |              | By  | Date  |
|----------|-----|------|--------------|-----|-------|
| Designed | DLR | 7/18 | Checked      | DLR | 7/18  |
| Drawn    | DB  | 7/18 | In Charge of | --- | --/-- |

SEBAGO TECHNICS  
75 JOHN ROBERTS ROAD,  
SUITE 4A  
SOUTH PORTLAND, ME 04106  
TEL (207) 200-2100

**MAINE**  
**TURNPIKE**

**THE GOLD STAR**  
**MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

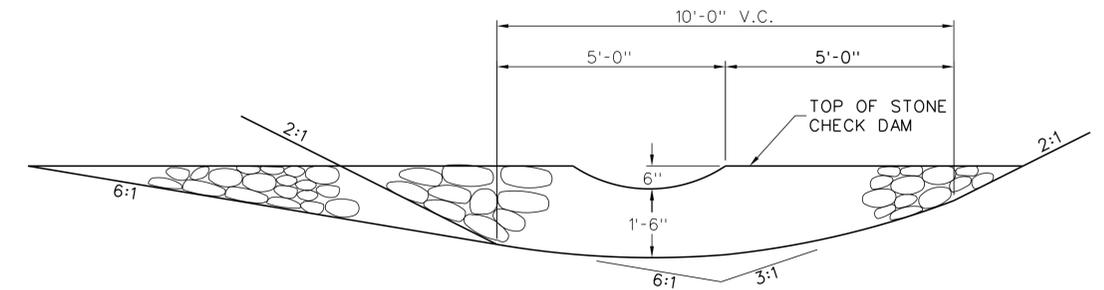
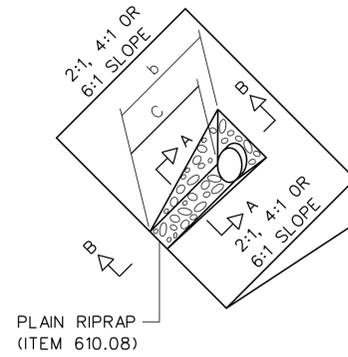
YORK TOLL PLAZA  
DRAINAGE DETAILS

SHEET NUMBER: DD-04  
CONTRACT: 2018.20  
28 OF 489

Date: 8/28/2018

**DIMENSIONS FOR SLOPE OF 2:1**

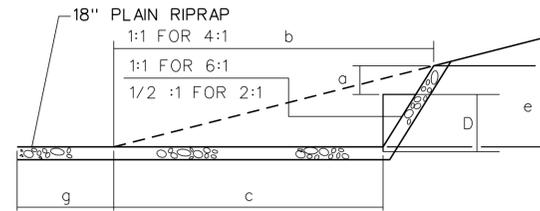
| D   | a (FT) | b (FT) | c (FT) | e (FT) | f (FT) | g (FT) | STONE DEPTH (FT) | STONE (CY) |
|-----|--------|--------|--------|--------|--------|--------|------------------|------------|
| 12" | 1.00   | 4.00   | 3.00   | 2.00   | 6.00   | 1.00   | 1.50             | 1.30       |
| 15" | 1.00   | 4.50   | 3.37   | 2.25   | 6.75   | 1.63   | 1.50             | 1.70       |
| 18" | 1.00   | 5.00   | 3.75   | 2.50   | 7.50   | 2.25   | 1.50             | 2.09       |
| 21" | 1.00   | 5.50   | 4.13   | 2.75   | 8.25   | 2.88   | 1.50             | 2.58       |
| 24" | 1.00   | 6.00   | 4.50   | 3.00   | 9.00   | 3.50   | 1.50             | 3.12       |
| 30" | 1.00   | 7.00   | 5.25   | 3.50   | 10.50  | 4.75   | 1.50             | 4.33       |
| 36" | 1.00   | 8.00   | 6.00   | 4.00   | 12.00  | 6.00   | 1.50             | 5.75       |
| 42" | 1.00   | 9.00   | 6.75   | 4.50   | 13.50  | 7.25   | 1.50             | 7.37       |
| 48" | 1.00   | 10.00  | 7.50   | 5.00   | 15.00  | 8.50   | 1.50             | 9.18       |
| 54" | 1.00   | 11.00  | 8.25   | 5.50   | 16.50  | 9.75   | 1.50             | 11.19      |
| 60" | 1.00   | 12.00  | 9.00   | 6.00   | 18.00  | 11.00  | 1.50             | 13.40      |
| 66" | 1.00   | 13.00  | 9.75   | 6.50   | 19.50  | 12.25  | 1.50             | 15.81      |
| 72" | 1.00   | 14.00  | 10.50  | 7.00   | 21.00  | 13.50  | 1.50             | 18.41      |
| 84" | 1.00   | 16.00  | 12.00  | 8.00   | 24.00  | 16.00  | 1.50             | 24.22      |



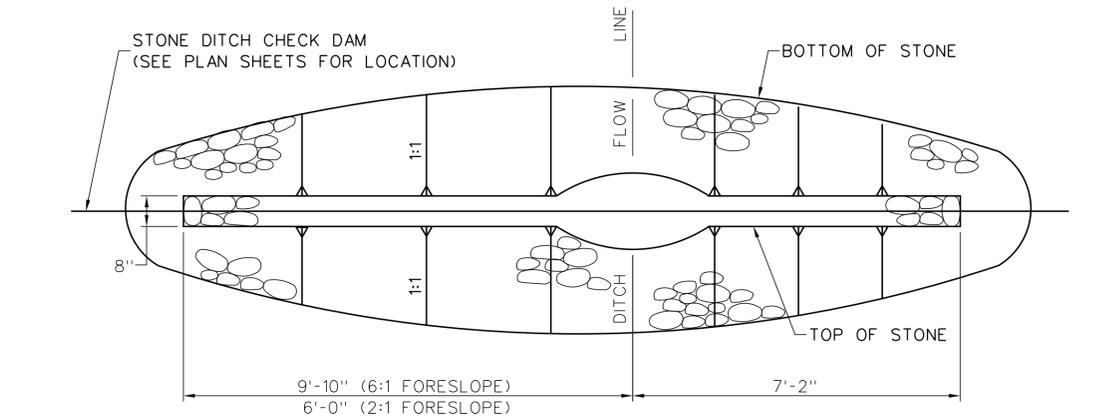
**SECTION**

**DIMENSIONS FOR SLOPE OF 4:1**

| D   | a (FT) | b (FT) | c (FT) | e (FT) | f (FT) | g (FT) | STONE DEPTH (FT) | STONE (CY) |
|-----|--------|--------|--------|--------|--------|--------|------------------|------------|
| 12" | 1.00   | 8.00   | 6.00   | 2.00   | 6.00   | 0.00   | 1.50             | 2.20       |
| 15" | 1.00   | 9.00   | 6.75   | 2.25   | 6.75   | 0.00   | 1.50             | 2.80       |
| 18" | 1.00   | 10.00  | 7.50   | 2.50   | 7.50   | 0.00   | 1.50             | 3.40       |
| 21" | 1.00   | 11.00  | 8.25   | 2.75   | 8.25   | 0.00   | 1.50             | 4.10       |
| 24" | 1.00   | 12.00  | 9.00   | 3.00   | 9.00   | 0.00   | 1.50             | 4.86       |
| 30" | 1.00   | 14.00  | 10.50  | 3.50   | 10.50  | 0.00   | 1.50             | 6.58       |
| 36" | 1.00   | 16.00  | 12.00  | 4.00   | 12.00  | 0.00   | 1.50             | 8.56       |
| 42" | 1.00   | 18.00  | 13.50  | 4.50   | 13.50  | 0.50   | 1.50             | 10.92      |
| 48" | 1.00   | 20.00  | 15.00  | 5.00   | 15.00  | 1.00   | 1.50             | 13.57      |
| 54" | 1.00   | 22.00  | 16.50  | 5.50   | 16.50  | 1.50   | 1.50             | 16.50      |
| 60" | 1.00   | 24.00  | 18.00  | 6.00   | 18.00  | 2.00   | 1.50             | 19.72      |
| 66" | 1.00   | 26.00  | 19.50  | 6.50   | 19.50  | 2.50   | 1.50             | 23.22      |
| 72" | 1.00   | 28.00  | 21.00  | 7.00   | 21.00  | 3.00   | 1.50             | 27.01      |
| 84" | 1.00   | 32.00  | 24.00  | 8.00   | 24.00  | 4.00   | 1.50             | 35.45      |



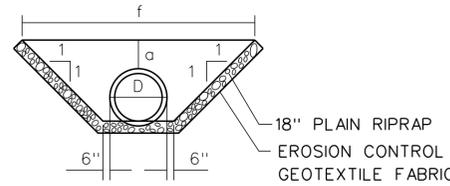
**SECTION B-B**



**PLAN**

**DIMENSIONS FOR SLOPE OF 6:1**

| D   | a (FT) | b (FT) | c (FT) | e (FT) | f (FT) | g (FT) | STONE DEPTH (FT) | STONE (CY) |
|-----|--------|--------|--------|--------|--------|--------|------------------|------------|
| 12" | 0.50   | 9.00   | 7.50   | 1.50   | 4.50   | 0.00   | 1.50             | 2.30       |
| 15" | 0.50   | 10.50  | 8.75   | 1.75   | 5.50   | 0.00   | 1.50             | 2.93       |
| 18" | 0.50   | 12.00  | 10.00  | 2.00   | 6.50   | 0.00   | 1.50             | 3.57       |
| 21" | 0.50   | 13.50  | 11.25  | 2.25   | 7.25   | 0.00   | 1.50             | 4.46       |
| 24" | 0.50   | 15.00  | 12.50  | 2.50   | 8.00   | 0.00   | 1.50             | 5.44       |
| 30" | 0.50   | 18.00  | 15.00  | 3.00   | 9.50   | 0.00   | 1.50             | 7.71       |
| 36" | 0.50   | 21.00  | 17.50  | 3.50   | 11.00  | 0.00   | 1.50             | 10.37      |
| 42" | 0.50   | 24.00  | 20.00  | 4.00   | 12.50  | 0.00   | 1.50             | 13.42      |
| 48" | 0.50   | 27.00  | 22.50  | 4.50   | 14.00  | 0.00   | 1.50             | 16.87      |
| 54" | 0.50   | 30.00  | 25.00  | 5.00   | 15.50  | 0.00   | 1.50             | 20.70      |
| 60" | 0.50   | 33.00  | 27.50  | 5.50   | 17.00  | 0.00   | 1.50             | 24.93      |
| 66" | 0.50   | 36.00  | 30.00  | 6.00   | 18.50  | 0.00   | 1.50             | 29.55      |
| 72" | 0.50   | 39.00  | 32.50  | 6.50   | 20.00  | 0.00   | 1.50             | 34.56      |
| 84" | 0.50   | 45.00  | 37.50  | 7.50   | 23.00  | 0.00   | 1.50             | 45.76      |



**SECTION A-A**

**ROADWAY CULVERT END SLOPE TREATMENT**

**NOTES:**

1. THE DIMENSIONS SHOWN ARE APPROXIMATE AND MAY BE MODIFIED BY THE RESIDENT.
2. STONE QUANTITIES ARE FOR ONE END OF THE PIPE.

**STONE CHECK DAM**

| FORESLOPE | BACKSLOPE | QUANTITY C.Y. STONE |
|-----------|-----------|---------------------|
| 6:1       | 3:1       | 2.5                 |
| 2:1       | 3:1       | 2.0                 |

**NOTES:**

1. STONE FOR TEMPORARY AND PERMANENT STONE CHECK DAMS SHALL MEET THE REQUIREMENTS OF MDOT SPECIFICATION 703.29, STONE DITCH PROTECTION.
2. TEMPORARY STONE CHECK DAMS WILL BE PAID FOR UNDER ITEM 610.181.
3. PERMANENT STONE CHECK DAMS WILL BE PAID FOR UNDER ITEM 610.182.
4. CHECK DAMS SHALL BE REGULARLY MAINTAINED SO AS TO BE FREE OF LEAVES, DEBRIS, AND SILT BUILD UP.

Filename: ...X039\_Typical\_01\_EROSION.dgn

| Scale: AS NOTED |          |    |      |
|-----------------|----------|----|------|
| No.             | Revision | By | Date |
|                 |          |    |      |
|                 |          |    |      |

Designed by:

**SEBAGO TECHNICS**  
WWW.SEBAGOTECHNICS.COM

CONSULTANT PROJECT MANAGER: S. SAWYER, P.E.

|          | By  | Date |              | By  | Date   |
|----------|-----|------|--------------|-----|--------|
| Designed | DLR | 7/18 | Checked      | DLR | 7/18   |
| Drawn    | DB  | 7/18 | In Charge of | --- | ---/-- |

SEBAGO TECHNICS  
75 JOHN ROBERTS ROAD,  
SUITE 4A  
SOUTH PORTLAND, ME 04106  
TEL (207) 200-2100

**MAINE TURNPIKE**

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

EROSION CONTROL DETAILS

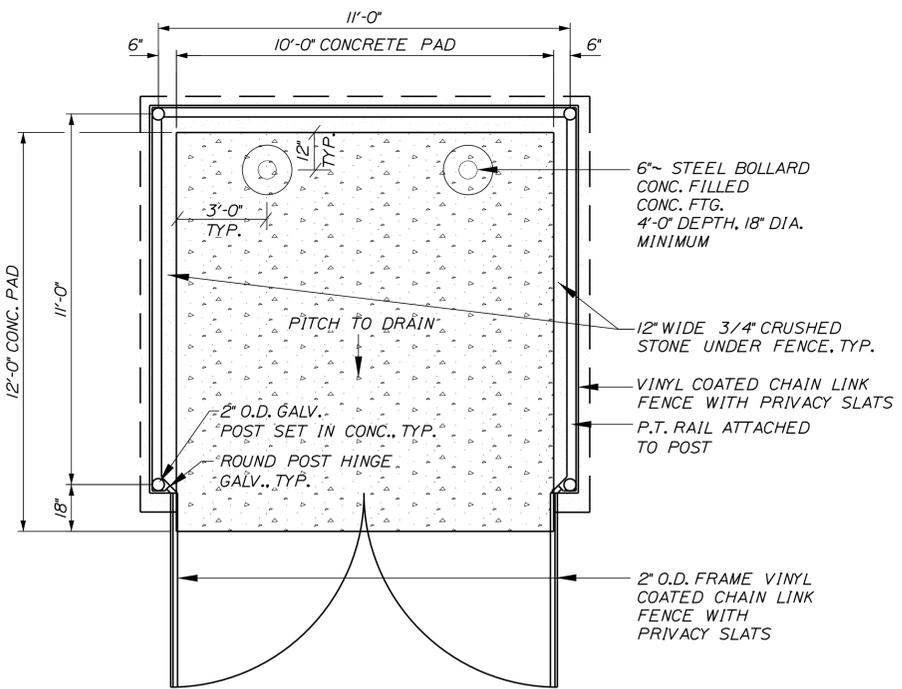
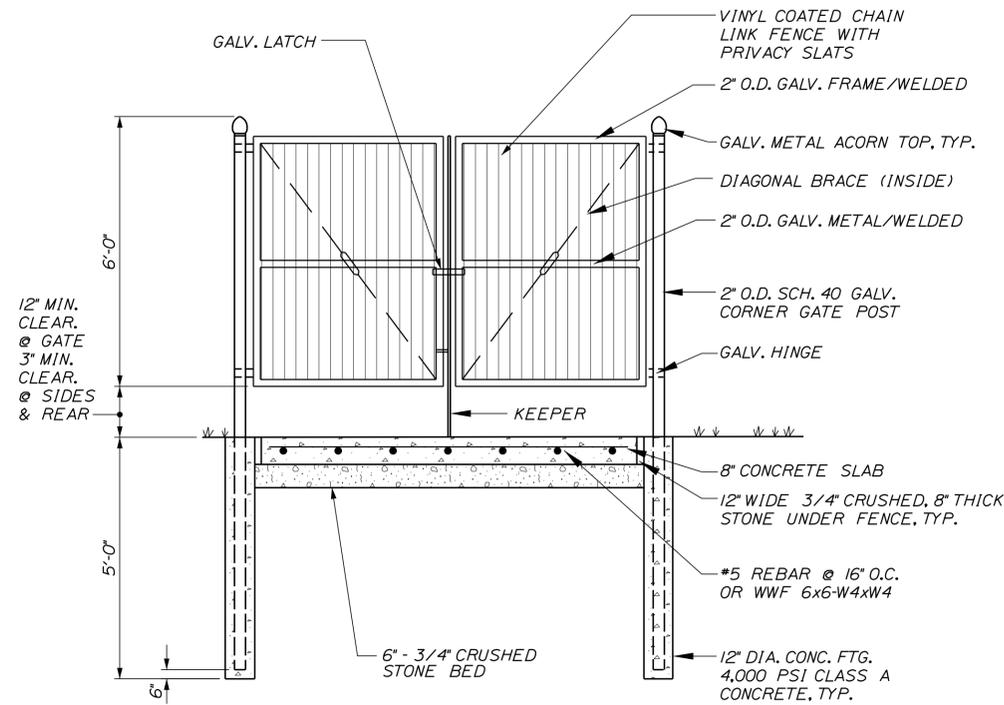
SHEET NUMBER: DD-05

CONTRACT: 2018.20

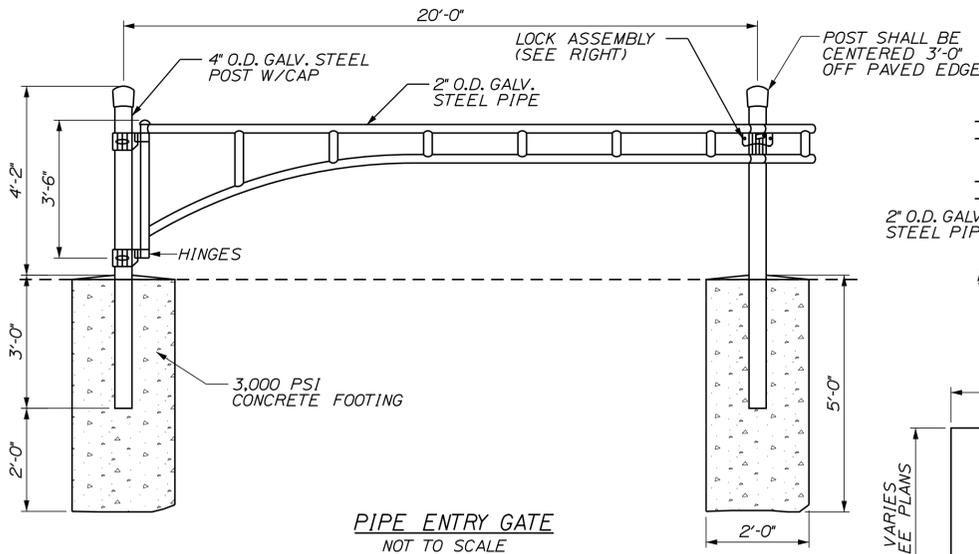
99 OF 489

Date: 8/28/2018

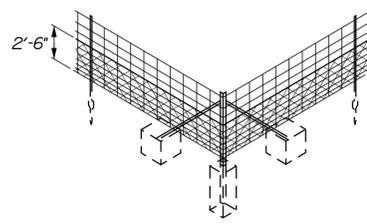
Filename: ...MSTA\040...Typical\_01\_Misc.dgn



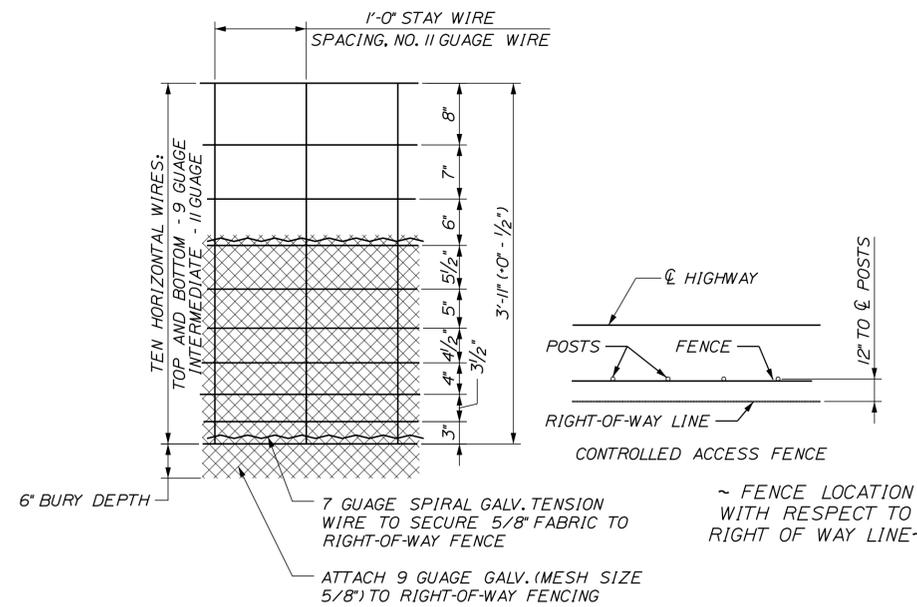
TYPICAL DUMPSTER ENCLOSURE  
NOT TO SCALE



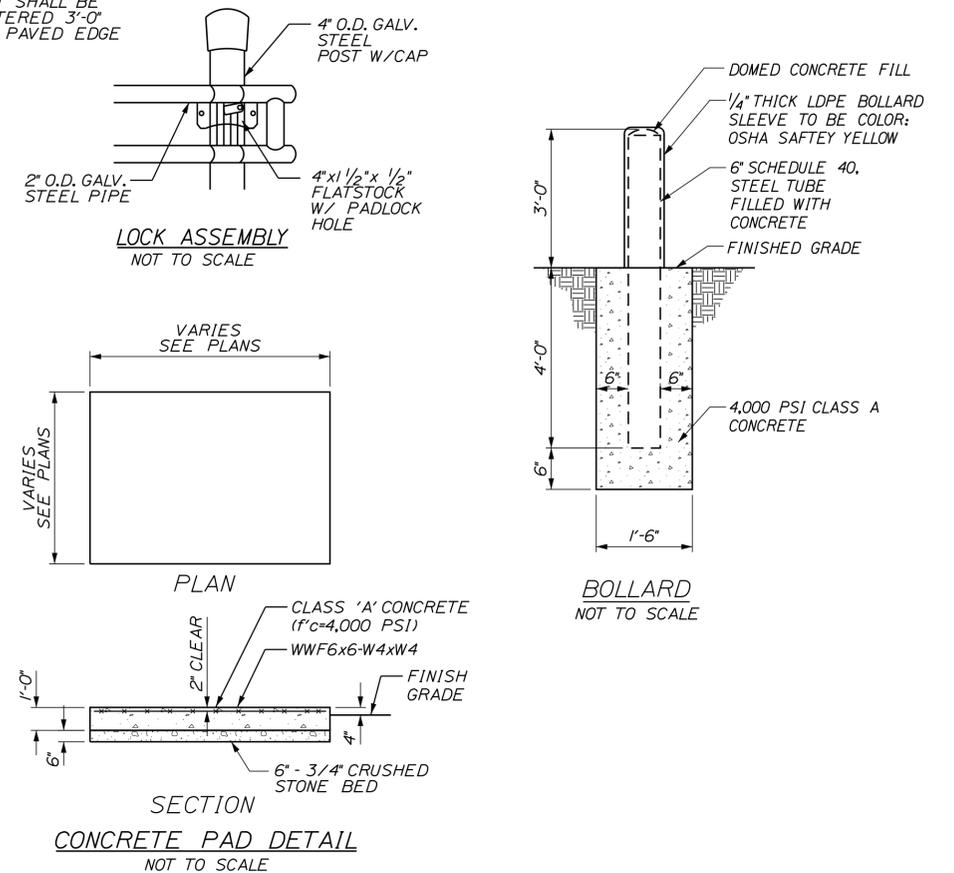
PIPE ENTRY GATE  
NOT TO SCALE



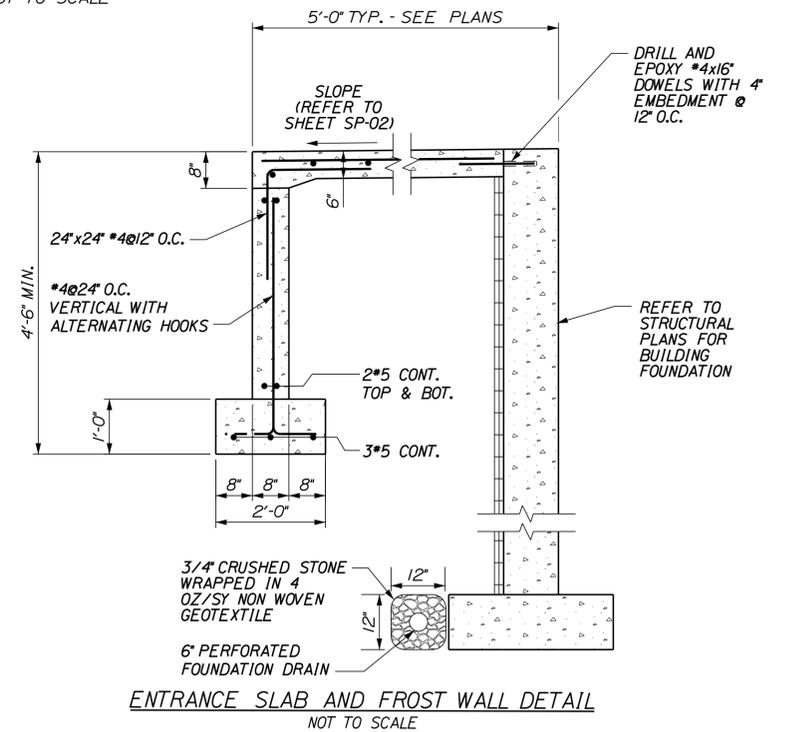
Corner Post  
~ BRACING ASSEMBLY  
FOR METAL POSTS ~



~ WOVEN WIRE FENCE ~  
RIGHT-OF-WAY FENCING WITH HABITAT BARRIER FENCE  
NOT TO SCALE



CONCRETE PAD DETAIL  
NOT TO SCALE



ENTRANCE SLAB AND FROST WALL DETAIL  
NOT TO SCALE

Scale: AS NOTED

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by: **SEBAGO TECHNICS**  
WWW.SEBAGOTECHNICS.COM

CONSULTANT PROJECT MANAGER: S. SAWYER, P.E.

|          | By  | Date | Checked      | By  | Date    |
|----------|-----|------|--------------|-----|---------|
| Designed | DLR | 7/18 | DLR          | DLR | 7/18    |
| Drawn    | DB  | 7/18 | In Charge of | --- | ---/--- |

SEBAGO TECHNICS  
75 JOHN ROBERTS ROAD,  
SUITE 4A  
SOUTH PORTLAND, ME 04106  
TEL (207) 200-2100

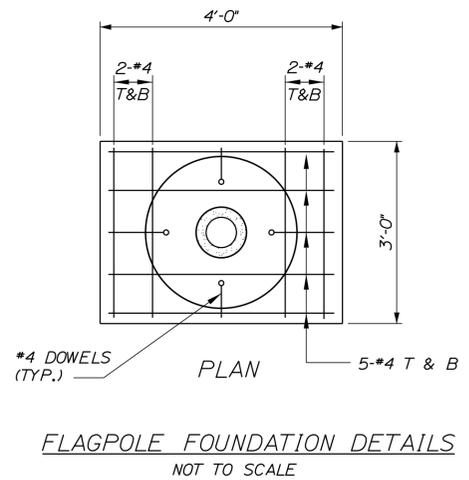
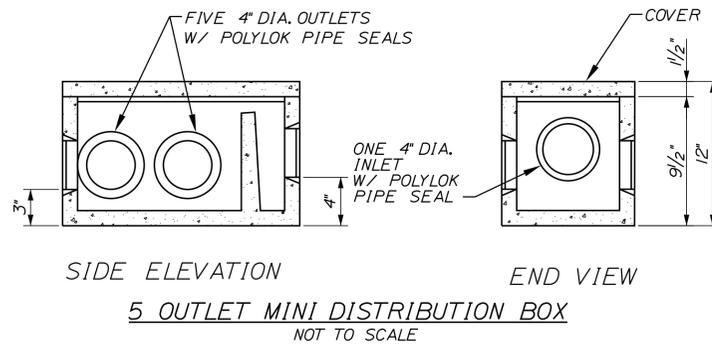
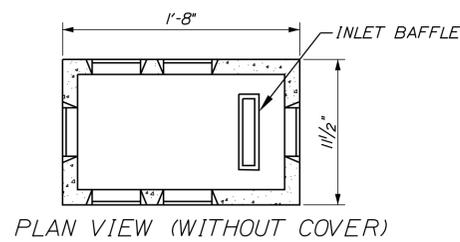
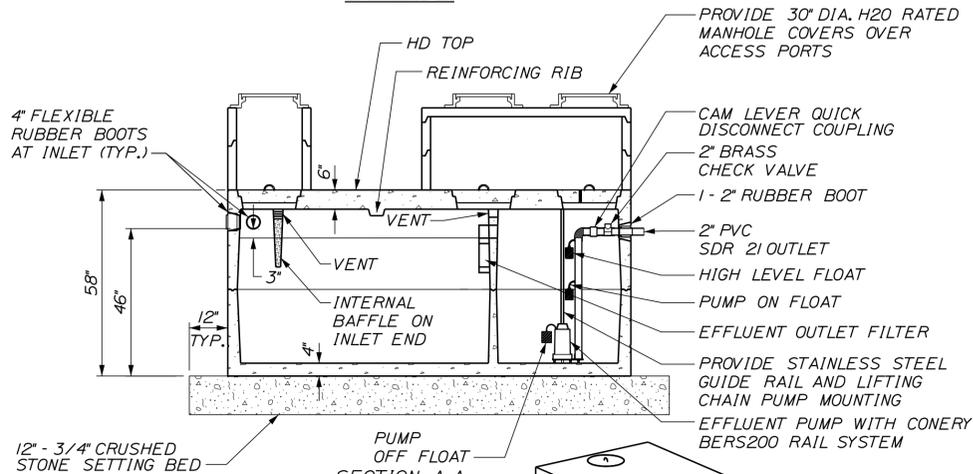
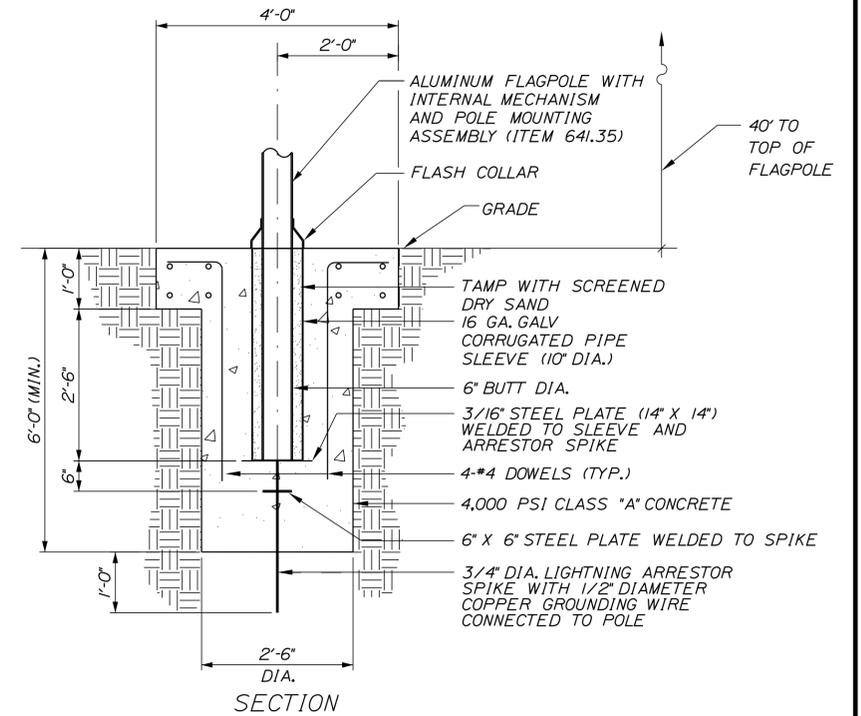
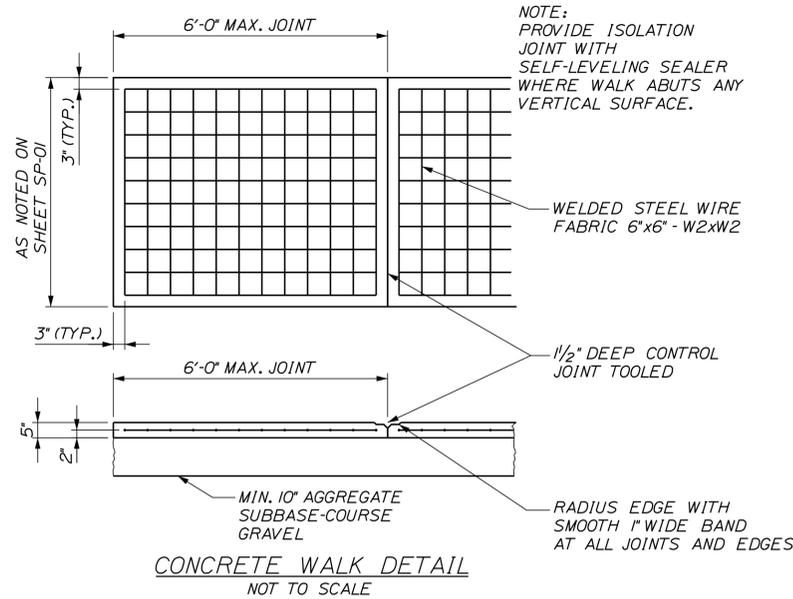
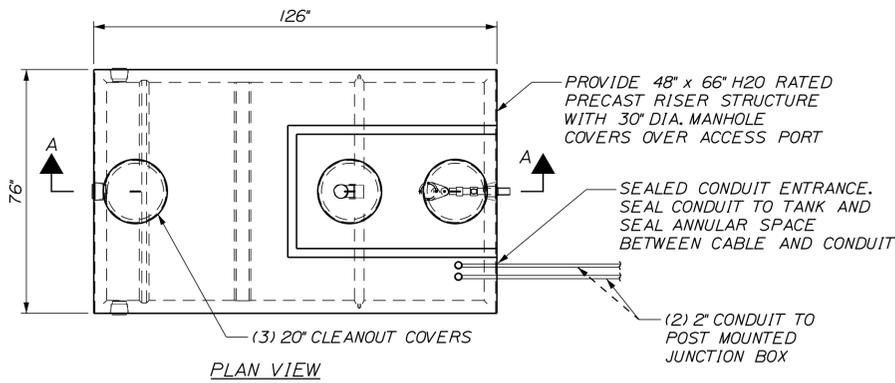
**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
MISCELLANEOUS DETAILS

SHEET NUMBER: MSC-01  
CONTRACT: 2018.20  
40 OF 489

Date: 8/28/2018

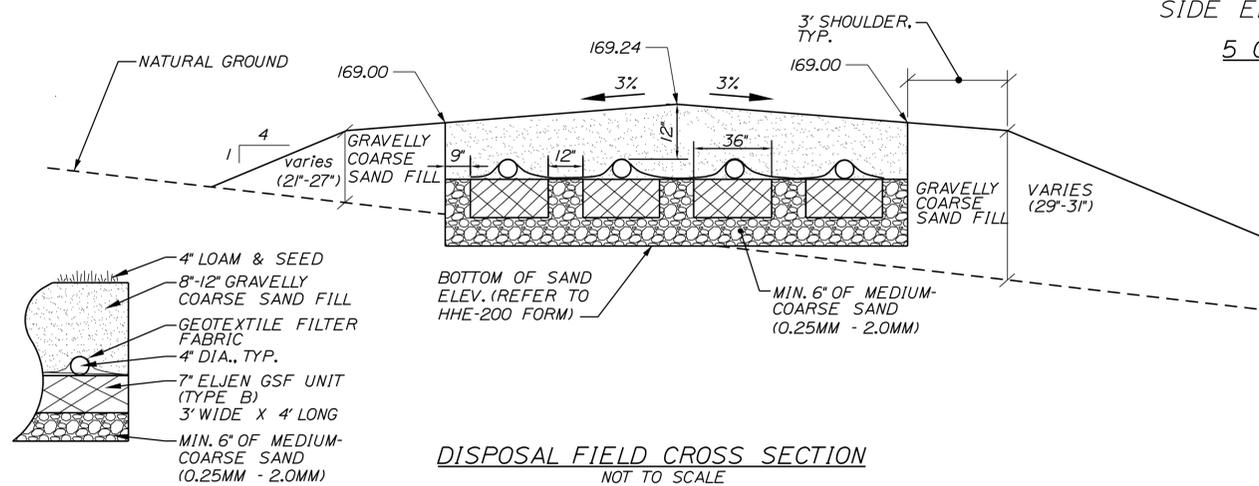


- NOTES:
1. WEIGHT = 14400 LBS.
  2. CONCRETE: 5000 PSI AFTER 28 DAYS.
  3. REINFORCING: 6X6 10/10 W.W.M. & REBAR.
  4. KEYED JOINT SEALED WITH BUTYL RUBBER.
  5. OUTLET FILTER INCLUDED WITH ALL TANKS.
  6. PROVIDE H2O RATED RISER RINGS AND TANK TOP.
  7. EFFLUENT PUMP TO BE A 0.5 HP BARNES PUMP, MODEL EHV412A THAT WILL PUMP 43 GPM AT 14.5 FT TDH, SINGLE PHASE, 115 VOLT, 6.4 FLA, 60 HZ AT 3450 RPM.
  8. CONTRACTOR SHALL INSTALL SIMPLEX RK 3 FLOW CONTROL PANEL AT BUILDING.
  9. FLOATS SHALL BE 18", 27" & 36" FROM BOTTOM OF TANK FOR PUMP OFF, PUMP ON AND PUMP ALARM.
  10. FLOAT SWITCHES SHALL BE INSTALLED WITH PRIMEX FLOAT SWITCH CONNECTION SYSTEM.
  11. SEPTIC TANK SHALL BE H2O LOADING RATED.

1250 GALLON 2 COMPARTMENT HD SEPTIC - PUMP TANK  
NOT TO SCALE

SIDE ELEVATION END VIEW  
5 OUTLET MINI DISTRIBUTION BOX  
NOT TO SCALE

FLAGPOLE FOUNDATION DETAILS  
NOT TO SCALE



DISPOSAL FIELD CROSS SECTION  
NOT TO SCALE

Scale: AS NOTED

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**SEBAGO**  
TECHNICS  
WWW.SEBAGOTECHNICS.COM

CONSULTANT PROJECT MANAGER: S. SAWYER, P.E.

| By       | Date     | By           | Date     |
|----------|----------|--------------|----------|
| Designed | DLR 7/18 | Checked      | DLR 7/18 |
| Drawn    | DB 7/18  | In Charge of | ---      |

SEBAGO TECHNICS  
75 JOHN ROBERTS ROAD,  
SUITE 4A  
SOUTH PORTLAND, ME 04106  
TEL (207) 200-2100

MAINE TURNPIKE

**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

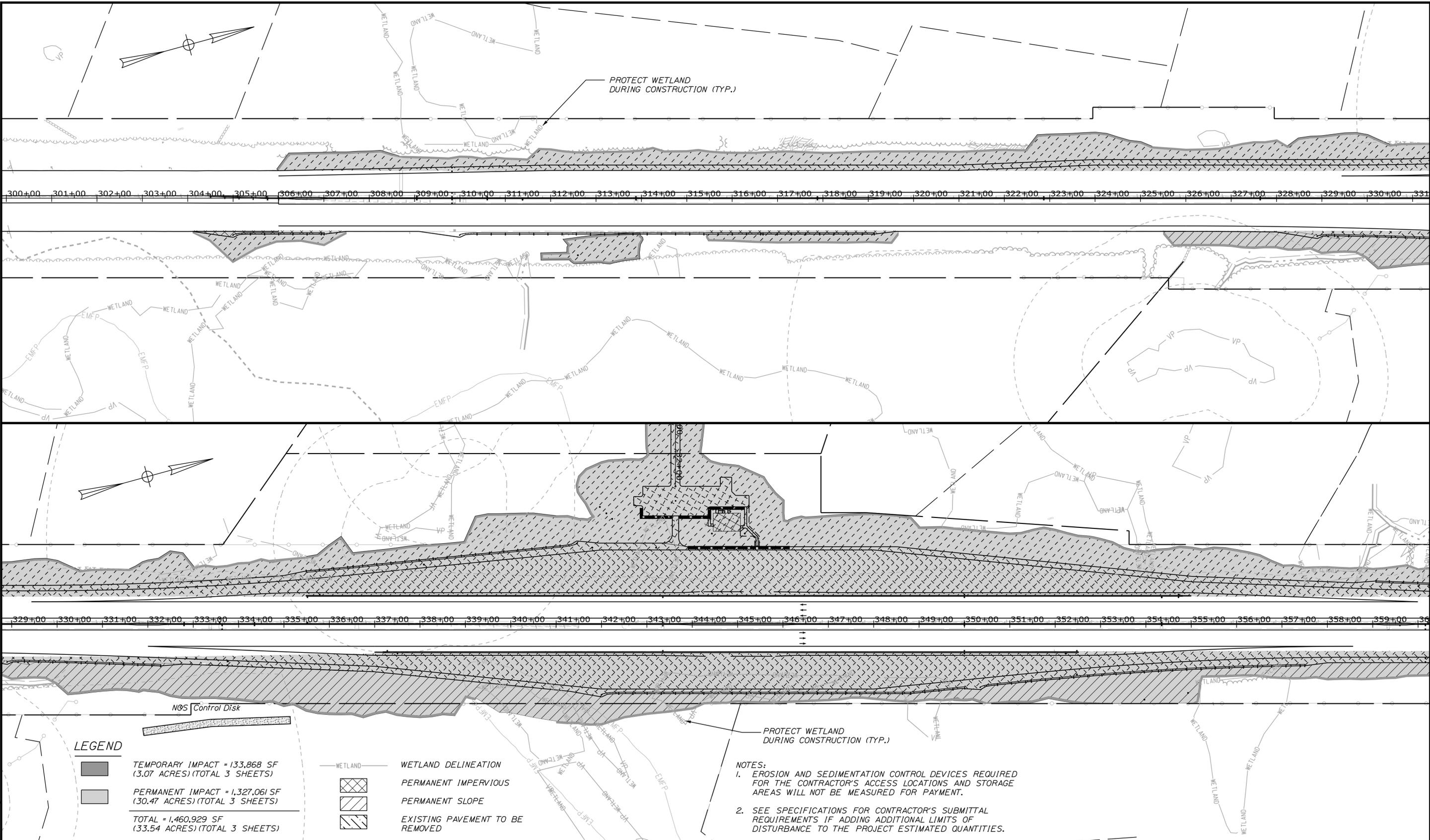
YORK TOLL PLAZA  
MISCELLANEOUS DETAILS

SHEET NUMBER: MSC-02  
CONTRACT: 2018.20  
41 OF 489

Filename: ...MSTAV041\_Typical\_02\_MISC.dgn



Date: 8/28/2018

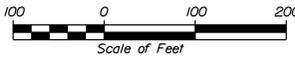


**LEGEND**

 TEMPORARY IMPACT = 133,868 SF (3.07 ACRES) (TOTAL 3 SHEETS)  
 PERMANENT IMPACT = 1,327,061 SF (30.47 ACRES) (TOTAL 3 SHEETS)  
 TOTAL = 1,460,929 SF (33.54 ACRES) (TOTAL 3 SHEETS)

 WETLAND DELINEATION  
 PERMANENT IMPERVIOUS  
 PERMANENT SLOPE  
 EXISTING PAVEMENT TO BE REMOVED

**NOTES:**  
 1. EROSION AND SEDIMENTATION CONTROL DEVICES REQUIRED FOR THE CONTRACTOR'S ACCESS LOCATIONS AND STORAGE AREAS WILL NOT BE MEASURED FOR PAYMENT.  
 2. SEE SPECIFICATIONS FOR CONTRACTOR'S SUBMITTAL REQUIREMENTS IF ADDING ADDITIONAL LIMITS OF DISTURBANCE TO THE PROJECT ESTIMATED QUANTITIES.

Scale: 

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |

Designed by:

**SEBAGO TECHNICS**  
 WWW.SEBAGOTECHNICS.COM

CONSULTANT PROJECT MANAGER: R. EMERY

|          | By  | Date | By           | Date |        |
|----------|-----|------|--------------|------|--------|
| Designed | RLM | 7/18 | Checked      | DLR  | 7/18   |
| Drawn    | DB  | 7/18 | In Charge of | ---  | ---/-- |

SEBAGO TECHNICS  
 75 JOHN ROBERTS ROAD,  
 SUITE 4A  
 SOUTH PORTLAND, ME 04106  
 TEL (207) 200-2100



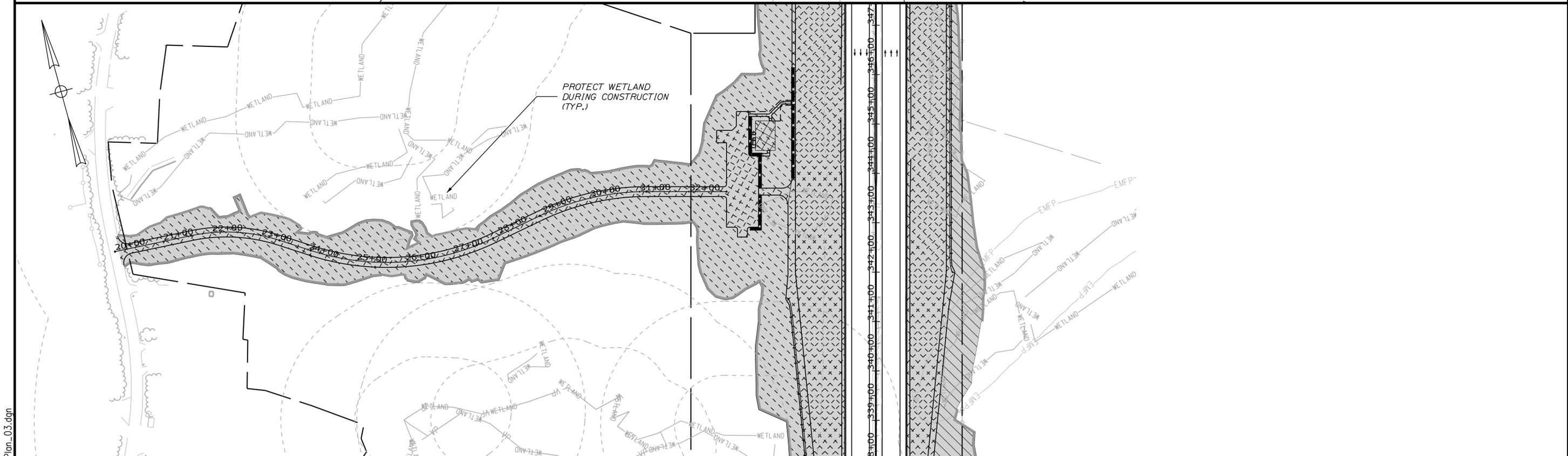
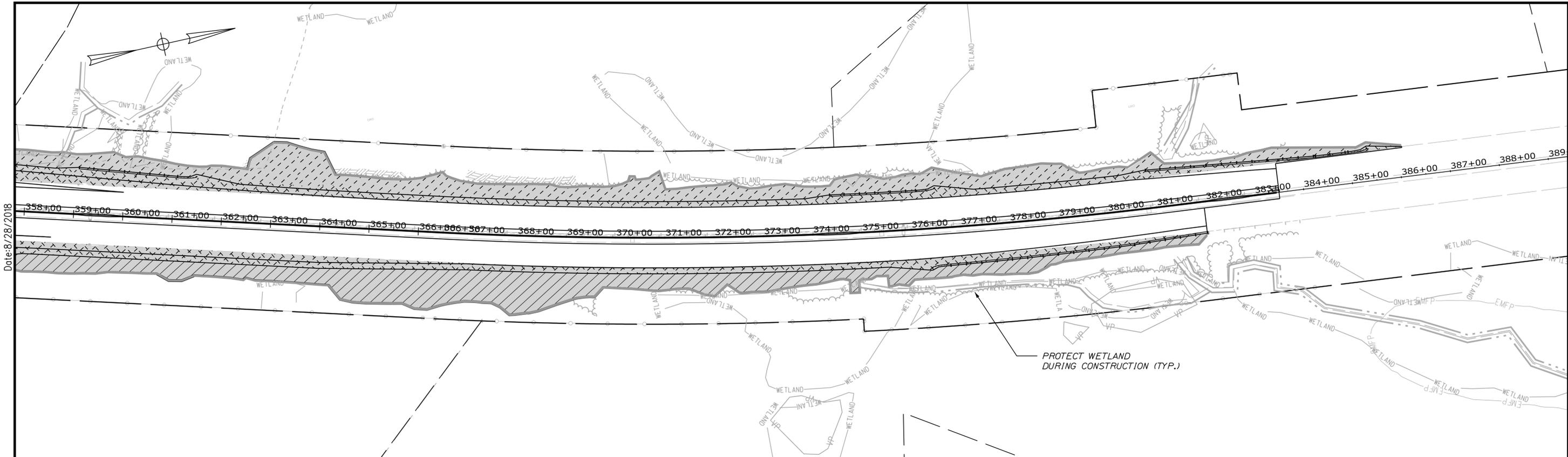
**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
 LIMIT OF DISTURBANCE  
 PLAN 1

SHEET NUMBER: ES-02  
 CONTRACT: 2018.20  
 43 OF 489

Filename: ...MSTA043\_LODPlan\_02.dgn



Scale: 100 0 100 200  
Scale of Feet

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**SEBAGO**  
TECHNICS  
WWW.SEBAGOTECHNICS.COM

CONSULTANT PROJECT MANAGER: R. EMERY

|          | By  | Date | By           | Date     |
|----------|-----|------|--------------|----------|
| Designed | RLM | 7/18 | Checked      | DLR 7/18 |
| Drawn    | DB  | 7/18 | In Charge of | ---      |

SEBAGO TECHNICS  
75 JOHN ROBERTS ROAD,  
SUITE 4A  
SOUTH PORTLAND, ME 04106  
TEL (207) 200-2100

**MAINE**  
**TURNPIKE**

**THE GOLD STAR**  
**MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
LIMIT OF DISTURBANCE  
PLAN 2

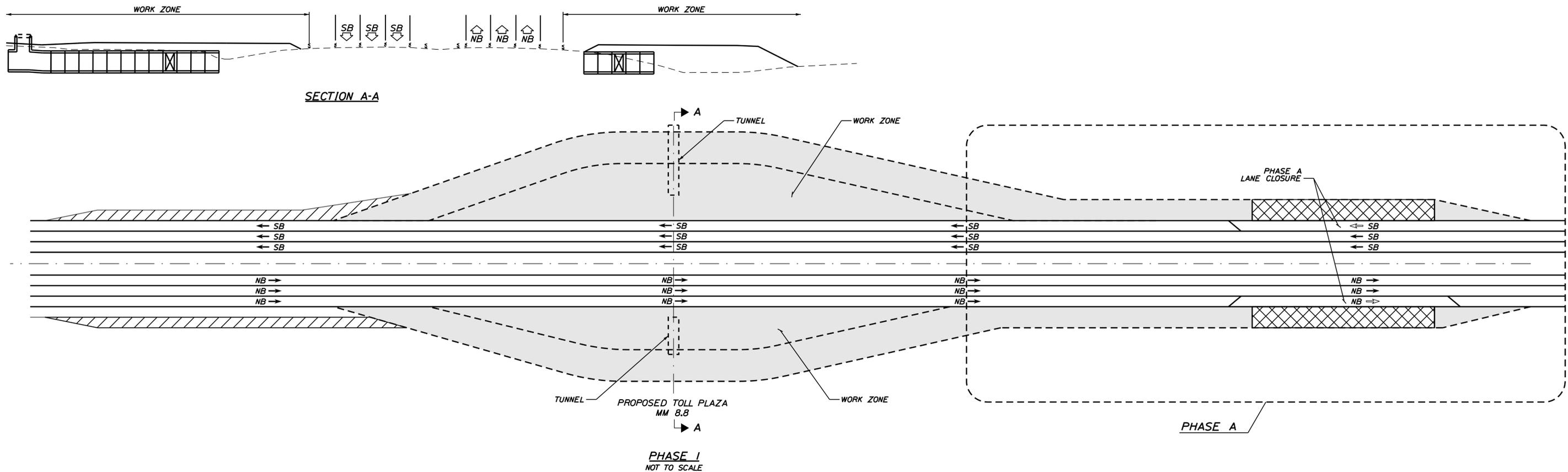
SHEET NUMBER: ES-03  
CONTRACT: 2018.20  
44 OF 489

Date: 8/28/2018

Filename: ...MSTA\044\_LODPlan\_03.dgn

Date: 8/27/2018

Filename: ...00259637\045\_Typical\_01\_CS.dgn



**PHASE I NOTES**

EXISTING TOLL PLAZA AT MILE 7.3:  
REMAINS FULLY OPEN.

PROPOSED TOLL PLAZA AT MILE 8.8:  
MAINTENANCE OF TRAFFIC:

**NORTHBOUND:** MAINTAIN 3 LANES OF NORTHBOUND TRAFFIC ON EXISTING LANES. REDUCE NORTHBOUND SPEED LIMIT TO 60 MPH CONSTRUCTION SPEED LIMIT.

**SOUTHBOUND:** MAINTAIN 3 LANES OF SOUTHBOUND TRAFFIC ON EXISTING LANES. REDUCE SOUTHBOUND SPEED LIMIT TO 60 MPH CONSTRUCTION SPEED LIMIT.

1. CONSTRUCT ADMINISTRATION BUILDING ACCESS ROAD FROM CHASES POND ROAD.
2. BEGIN CONSTRUCTION OF ADMINISTRATION BUILDING AND SITE WORK.
3. CONSTRUCT WATER MAIN RELOCATION ALONG I-95 NORTHBOUND.
4. CONSTRUCT WATER LINE SERVICE FROM WATER MAIN TO THE ADMINISTRATION BUILDING. CONSTRUCT UNDERGROUND ELECTRIC SERVICE FOR LIGHTING FROM THE ADMINISTRATION BUILDING TO THE NORTHBOUND CASH PLAZA LIGHTING CIRCUIT.
5. CONSTRUCT STORMDRAIN IN WIDENING AREAS USING TEMPORARY LANE CLOSURES AS NECESSARY TO FACILITATE THE PHASE 2 STORMDRAIN CONSTRUCTION.
6. CONSTRUCT 67 FEET OF PRECAST TUNNEL AND 20 FOOT CAST-IN-PLACE TUNNEL AND STAIRCASE STRUCTURE (CASH LANE 2) AT SOUTHBOUND WIDENING. INSTALL TEMPORARY COVER OVER THE STAIR ENCLOSURE FOR BACKFILL TO ACCOMMODATE PHASE 2 TRAFFIC.
7. CONSTRUCT CAST-IN-PLACE TUNNEL CONNECTOR TO THE ADMINISTRATION BUILDING.
8. CONSTRUCT 13 FEET OF PRECAST TUNNEL AND 20 FOOT CAST-IN-PLACE TUNNEL AND STAIRCASE STRUCTURE (CASH LANE 7) AT NORTHBOUND WIDENING. BULKHEAD THE TUNNEL AND INSTALL TEMPORARY COVER THE STAIR ENCLOSURE FOR BACKFILL TO ACCOMMODATE PHASE 2 TRAFFIC.

9. CONSTRUCT STORMWATER TREATMENT SYSTEMS AT NORTHBOUND STA. 313+00 RIGHT (POND 5) AND NORTHBOUND STA. 354+00 RIGHT (POND 8 AND POND 9).
10. CONSTRUCT STORMWATER TREATMENT SYSTEMS AT SOUTHBOUND STA. 291+00 RIGHT (POND 3) AND NORTHBOUND STA. 294+00 (POND 4). USE "SHOULDER WORK" DETAIL FOR LAYOUT OF BARRIER AND CONSTRUCTION SIGNS.
11. CONSTRUCT PERMANENT AND TEMPORARY NORTHBOUND AND SOUTHBOUND WIDENING (I.E. CLEARING, GRUBBING, EARTHWORK, ROCK EXCAVATION) TO PROPOSED GRADES TO ACCOMMODATE THE NORTHBOUND AND SOUTHBOUND TEMPORARY ALIGNMENTS IN PHASE 2.
12. CONSTRUCT NORTHBOUND AND SOUTHBOUND PERMANENT HMA PAVEMENT TO BINDER GRADE, AND TEMPORARY HMA PAVEMENT FOR TEMPORARY WIDENING TO ACCOMMODATE PHASE 2 TRAFFIC.

**PHASE A NOTES**

EXISTING TOLL PLAZA AT MILE 7.3:  
REMAINS FULLY OPEN.

PROPOSED TOLL PLAZA AT MILE 8.8:  
MAINTENANCE OF TRAFFIC:

**NORTHBOUND:** MAINTAIN 2 LANES OF NORTHBOUND TRAFFIC ON EXISTING LANES (OUTSIDE LANE CLOSED FOR CONSTRUCTION). MAINTAIN NORTHBOUND SPEED LIMIT OF 50 MPH CONSTRUCTION SPEED LIMIT.

**SOUTHBOUND:** WITH 3 LANES OF TRAFFIC ON EXISTING. CLOSE THE OUTSIDE LANE. MAINTAIN SOUTHBOUND SPEED LIMIT OF 50 MPH CONSTRUCTION SPEED LIMIT.

NOTE: THE LONG-TERM CLOSURE OF ONE NORTHBOUND AND SOUTHBOUND FOR PHASE A CONSTRUCTION IS LIMITED TO THE FOLLOWING TIMES: OCTOBER 15 THROUGH NOVEMBER 16, 2019, OR FROM APRIL 1 THROUGH MAY 6, 2020.

1. CLOSE NORTHBOUND AND SOUTHBOUND OUTSIDE TRAVEL LANES IN ADVANCE OF THE WORK AREA TO PROVIDE TWO TRAVEL LANES WITH REDUCED OUTSIDE SHOULDER IN EACH DIRECTION.
2. CONSTRUCT STORMDRAIN IN WIDENING AREAS.
3. CONSTRUCT THE CULVERT AT STA. 374+77 AT THE SOUTHBOUND WIDENING. USE DAILY LANE CLOSURES TO FACILITATE REMAINING CONSTRUCTION OF THE CULVERT IN PHASE B.
4. FROM NORTHBOUND STA. 1371+50 TO STA. 1379+00 AND FROM SOUTHBOUND STA. 2370+00 TO STA. 2379+25, CONSTRUCT FULL DEPTH PERMANENT HMA PAVEMENT TO BINDER GRADE, AND TEMPORARY PAVEMENT.

**LEGEND**

- REQUIRED CONSTRUCTION
- PRIORITY CONSTRUCTION
- WORK ZONE OPEN TO CONSTRUCTION

Scale: NOT TO SCALE

Designed by:



JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824



THE GOLD STAR  
MEMORIAL HIGHWAY

YORK TOLL PLAZA  
CONSTRUCTION STAGING PLAN 1  
PHASE 1

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

|                                      |     |      |              |     |      |
|--------------------------------------|-----|------|--------------|-----|------|
| CONSULTANT PROJECT MANAGER: T. MORIN |     |      |              |     |      |
|                                      | By  | Date |              | By  | Date |
| Designed                             | RRP | 7\18 | Checked      | CSM | 7\18 |
| Drawn                                | AMS | 7\18 | In Charge of | TWM | 7\18 |

MTA PROJECT MANAGER: R. NORWOOD

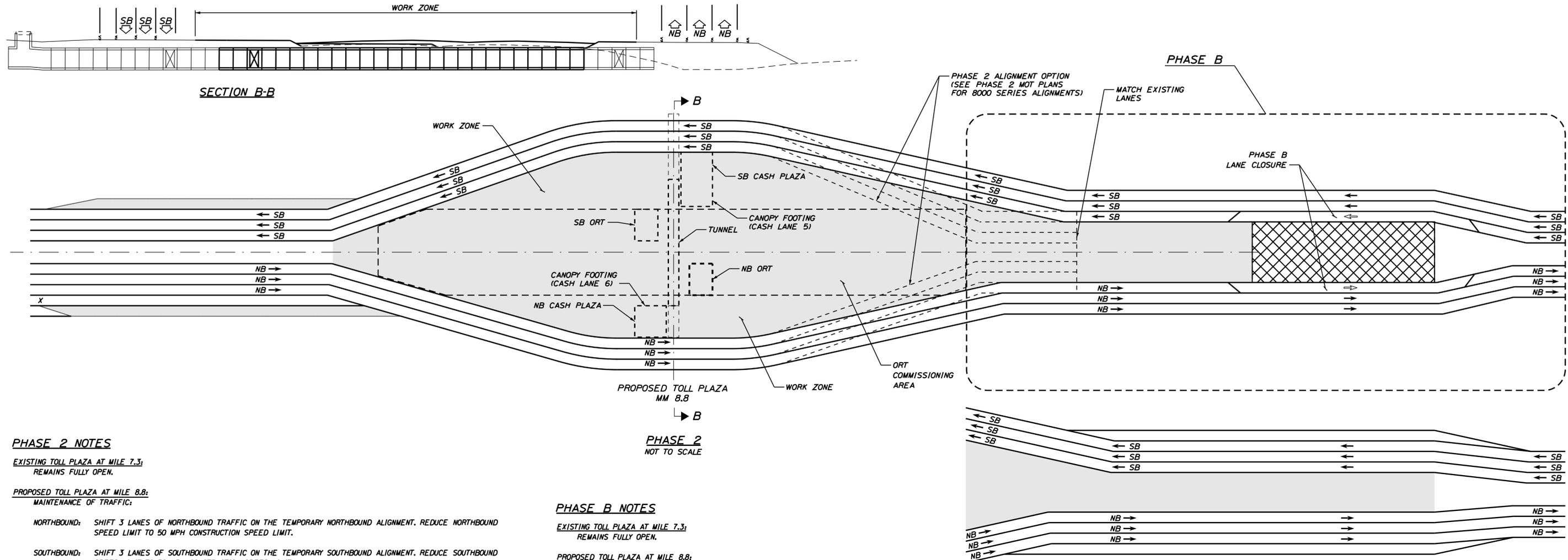
CONTRACT: 2018.20

SHEET NUMBER: CS-01

45 OF 489

Date: 8/27/2018

Filename: ...00259637\_046\_Typical\_02\_CS.dgn



**PHASE 2 NOTES**

EXISTING TOLL PLAZA AT MILE 7.3:  
REMAINS FULLY OPEN.

PROPOSED TOLL PLAZA AT MILE 8.8:  
MAINTENANCE OF TRAFFIC:

- NORTHBOUND:** SHIFT 3 LANES OF NORTHBOUND TRAFFIC ON THE TEMPORARY NORTHBOUND ALIGNMENT. REDUCE NORTHBOUND SPEED LIMIT TO 50 MPH CONSTRUCTION SPEED LIMIT.
- SOUTHBOUND:** SHIFT 3 LANES OF SOUTHBOUND TRAFFIC ON THE TEMPORARY SOUTHBOUND ALIGNMENT. REDUCE SOUTHBOUND SPEED LIMIT TO 50 MPH CONSTRUCTION SPEED LIMIT.

- CONSTRUCT 140 FEET OF PRECAST TUNNEL, 20 FOOT CAST-IN-PLACE TUNNEL AND STAIRCASE STRUCTURE (CASH LANE 5), AND CAST-IN-PLACE TUNNEL (CLOSURE POUR) AS REQUIRED.
- INSTALL MECHANICAL, ELECTRICAL, PLUMBING AND ITS SYSTEMS IN THE TUNNEL.
- CONSTRUCT CANOPY FOOTINGS FOR SOUTHBOUND CASH LANE 5 AND NORTHBOUND CASH LANE 6.
- INSTALL LIGHT POLE FOUNDATIONS AT NORTHBOUND CASH LANE STA. 3344+88 AND 3345+81, AND SOUTHBOUND CASH LANE STA. 4345+12 AND 4344+19.
- CONSTRUCT MEDIAN AND CASH BARRIER IN ADVANCE OF CONSTRUCTION OF SPACE FRAME FOOTINGS, STRUCTURE AND CONCRETE SLAB FOR NORTHBOUND AND SOUTHBOUND ORT:
  - MEDIAN BARRIER FROM STA. 343+88 TO STA. 346+12
  - NORTHBOUND CASH BARRIER FROM STA. 1344+83 TO STA. 1346+39
  - SOUTHBOUND CASH BARRIER FROM STA. 2343+98 TO STA. 2344+97
- CONSTRUCT ORT SPACE FRAME FOOTINGS, STRUCTURE, AND CONCRETE SLAB FOR NORTHBOUND AND SOUTHBOUND ORT. COMPLETE STORMDRAIN CONSTRUCTION.
- CONSTRUCT MEDIAN BARRIER FROM STA. 332+00 TO STA. 343+88 AND FROM STA. 346+12 TO STA. 383+45 (END).
- CONSTRUCT NORTHBOUND CASH BARRIER FROM STA. 1339+50 TO STA. 1344+83, AND FROM STA. 1346+39 TO STA. 1352+50 (END).
- CONSTRUCT SOUTHBOUND CASH BARRIER FROM STA. 2338+00 TO STA. 2343+98, AND FROM STA. 2344+97 TO STA. 2355+00 (END).
- CONSTRUCT FULL DEPTH PAVEMENT, AND MILL, SHIM AND PAVE PAVEMENT ALONG THE NORTHBOUND AND SOUTHBOUND ORT LANES TO FINAL GRADE.
- COMMISSION BOTH NORTHBOUND AND SOUTHBOUND ORT.
- COMPLETE CONSTRUCTION OF ADMINISTRATION BUILDING SITE WORK.
- COMPLETE ADMINISTRATION BUILDING.
- CONSTRUCT SOUTHBOUND CASH BOOTHS FOR CASH LANES 3, 4, AND 5; AND NORTHBOUND CASH BOOTHS FOR CASH LANES 6 AND 7, INCLUDING CANOPY FOOTINGS FOR SOUTHBOUND CASH LANES 3 AND 4, AND NORTHBOUND CASH LANE 7.
- CONSTRUCT STORMWATER TREATMENT SYSTEMS AT NORTHBOUND STA. 294+00 RIGHT (POND 3), AND SOUTHBOUND STA. 291+50 LEFT (POND 4). DURING THE COMMISSIONING PHASE OF THE NORTHBOUND AND SOUTHBOUND ORT LANES, NO WORK SHALL BE PERFORMED ON THE ORT LANES AND SHOULDERS, INCLUDING THE CASH BARRIERS, FOR A DISTANCE OF 1,400 FEET NORTH AND SOUTH OF THE ORT FACILITIES. WORK IS ALLOWED ON ALL OTHER AREAS OF PHASES 2, A, B AND C.
- PHASE 2 PLANS SHOW TRAFFIC SET UP FOR FULL DEPTH CONSTRUCTION COMPLETED IN PHASE B. HOWEVER THE 8000 SERIES ALIGNMENT PROVIDES THE MINIMUM SPACE FOR COMMISSIONING ORT LANES. IF THE 8000 SERIES NORTHBOUND AND SOUTHBOUND ALIGNMENTS ARE USED (NORTH OF THE PLAZA) TO TRANSITION THE 3 LANES OF TRAFFIC ONTO THE EXISTING LANES, THE SOUTHBOUND WIDENING AND TEMPORARY WIDENING SHALL BE OFF THE EXISTING PAVEMENT ELEVATION.

**PHASE 2**  
NOT TO SCALE

**PHASE B NOTES**

EXISTING TOLL PLAZA AT MILE 7.3:  
REMAINS FULLY OPEN.

PROPOSED TOLL PLAZA AT MILE 8.8:  
MAINTENANCE OF TRAFFIC:

- NORTHBOUND:** SHIFT 2 LANES OF NORTHBOUND TRAFFIC ON THE TEMPORARY NORTHBOUND ALIGNMENT CONSTRUCTED IN PHASE A. MAINTAIN 3 LANES OF TRAFFIC AFTER PRIORITY LANE CONSTRUCTION. MAINTAIN NORTHBOUND SPEED LIMIT OF 50 MPH CONSTRUCTION SPEED LIMIT.
- SOUTHBOUND:** SHIFT 2 LANES OF SOUTHBOUND TRAFFIC ON THE TEMPORARY SOUTHBOUND ALIGNMENT CONSTRUCTED IN PHASE A. MAINTAIN 3 LANES OF TRAFFIC AFTER PRIORITY LANE CONSTRUCTION. MAINTAIN SOUTHBOUND SPEED LIMIT OF 50 MPH CONSTRUCTION SPEED LIMIT.

**NOTE:** THE LONG-TERM CLOSURE OF ONE NORTHBOUND AND SOUTHBOUND LANE FOR PHASE B CONSTRUCTION IS LIMITED TO THE FOLLOWING TIMES: OCTOBER 15 THROUGH NOVEMBER 16, 2019, OR FROM APRIL 1 THROUGH MAY 6, 2020.

- SHIFT 2 LANES OF NORTHBOUND AND SOUTHBOUND TRAFFIC TO TEMPORARY ALIGNMENTS CONSTRUCTED IN PHASE A.
- FROM NORTHBOUND STA. 1371+50 TO STA. 1379+00, AND FROM SOUTHBOUND STA. 2370+00 TO STA. 2379+25, CONSTRUCT FULL DEPTH PAVEMENT ADJACENT TO THE TEMPORARY ALIGNMENT TO A WIDTH NECESSARY TO ALLOW OPENING OF THE THIRD LANE (INSIDE LANE) FOR BOTH NORTHBOUND AND SOUTHBOUND. OPEN THE THIRD TRAVEL LANE FOR BOTH NORTHBOUND AND SOUTHBOUND.
- CONSTRUCT MEDIAN STORMDRAIN.
- COMPLETE THE CONSTRUCTION OF THE CULVERT AT STA. 374+77 ACROSS THE MEDIAN AND THE NORTHBOUND LANES. USE DAILY LANE CLOSURES TO FACILITATE CONSTRUCTION OF THE CULVERT.
- FROM NORTHBOUND STA. 1371+50 TO STA. 1379+00 AND FROM SOUTHBOUND STA. 2370+00 TO STA. 2379+25, CONSTRUCT FULL DEPTH PAVEMENT.
- SHIFT 3 LANES OF NORTHBOUND AND SOUTHBOUND TRAFFIC FROM THE TEMPORARY ALIGNMENTS TO THE MAINLINE ALIGNMENT.

**PHASE C NOTES**

EXISTING TOLL PLAZA AT MILE 7.3:  
REMAINS FULLY OPEN.

PROPOSED TOLL PLAZA AT MILE 8.8:  
MAINTENANCE OF TRAFFIC:

- NORTHBOUND:** MAINTAIN 3 LANES OF NORTHBOUND TRAFFIC ON THE TEMPORARY NORTHBOUND ALIGNMENT. MAINTAIN NORTHBOUND SPEED LIMIT TO 50 MPH CONSTRUCTION SPEED LIMIT.
- SOUTHBOUND:** MAINTAIN 3 LANES OF SOUTHBOUND TRAFFIC ON THE TEMPORARY SOUTHBOUND ALIGNMENT. MAINTAIN SOUTHBOUND SPEED LIMIT TO 50 MPH CONSTRUCTION SPEED LIMIT.

PHASE C IS THE LONG-TERM DURATION OF PHASE 2, INCLUDING WINTER SHUT-DOWN. NORTH OF THE TOLL PLAZA, SHIFT THE THREE LANES OF NORTHBOUND AND SOUTHBOUND TRAFFIC TOWARD THE MEDIAN BY ONE FULL TRAVEL LANE AND PROVIDE A MINIMUM 8 FOOT INSIDE SHOULDERS ON BOTH NORTHBOUND AND SOUTHBOUND. THE TEMPORARY BARRIER ALONG THE OUTSIDE SHOULDER IN PHASE 2 WILL REMAIN IN PLACE, AND THE OUTSIDE LANE WILL BECOME THE OUTSIDE SHOULDER.

**LEGEND**

- REQUIRED CONSTRUCTION
- PRIORITY CONSTRUCTION
- WORK ZONE OPEN TO CONSTRUCTION

Scale: NOT TO SCALE

Designed by:



JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824



THE GOLD STAR  
MEMORIAL HIGHWAY

YORK TOLL PLAZA  
CONSTRUCTION STAGING PLAN 2  
PHASE 2

CONSULTANT PROJECT MANAGER: T. MORIN

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | RRP | 7\18 | Checked      | CSM | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

MTA PROJECT MANAGER: R. NORWOOD

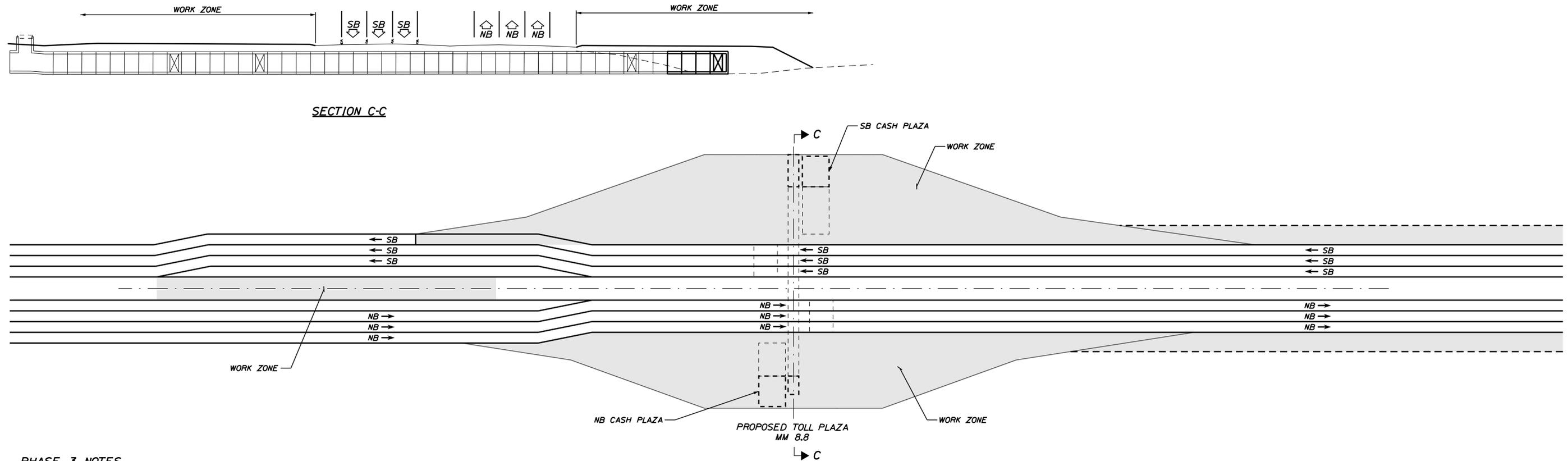
CONTRACT: 2018.20

SHEET NUMBER: CS-02

46 OF 489

Date: 8/27/2018

Filename: ...00259637\047\_Typical\_03\_CS.dgn



PHASE 3  
NOT TO SCALE

**PHASE 3 NOTES**

**EXISTING TOLL PLAZA AT MILE 7.3:**  
REMAINS FULLY OPEN.

**PROPOSED TOLL PLAZA AT MILE 8.8:**  
MAINTENANCE OF TRAFFIC:

- NORTHBOUND: SHIFT 3 LANES OF NORTHBOUND TRAFFIC ONTO THE COMPLETE NORTHBOUND ORT LANES. INCREASE THE NORTHBOUND SPEED LIMIT TO 60 MPH CONSTRUCTION SPEED LIMIT. NORTHBOUND CASH PLAZA IS NOT OPEN.
- SOUTHBOUND: SHIFT 3 LANES OF SOUTHBOUND TRAFFIC ONTO THE COMPLETE SOUTHBOUND ORT LANES. INCREASE THE SOUTHBOUND SPEED LIMIT TO 60 MPH CONSTRUCTION SPEED LIMIT. SOUTHBOUND CASH PLAZA IS NOT OPEN.
- 1. CONSTRUCT 13 FEET OF PRECAST TUNNEL AND 15 FOOT CAST-IN-PLACE TUNNEL AND STAIRCASE STRUCTURE (CASH LANE 9) AT NORTHBOUND CASH PLAZA. TUNNEL CONSTRUCTION IS COMPLETE.
- 2. COMPLETE MECHANICAL, ELECTRICAL, PLUMBING AND ITS SYSTEMS IN THE TUNNEL.
- 3. CONSTRUCT NORTHBOUND CASH BOOTHS FOR CASH LANES 8 AND 9; AND SOUTHBOUND CASH BOOTHS FOR CASH LANES 1 AND 2; INCLUDING CANOPY FOOTINGS. CONSTRUCT CONCRETE PAVEMENT FOR NORTHBOUND AND SOUTHBOUND CASH LANES.
- 4. CONSTRUCT PERMANENT PAVEMENT IN AREAS OF TEMPORARY PAVEMENT WIDENING FROM PHASE 2. CONSTRUCT PERMANENT PAVEMENT ADJACENT TO NORTHBOUND AND SOUTHBOUND TOLL PLAZAS.
- 5. COMMISSION THE NORTHBOUND AND SOUTHBOUND CASH LANES.
- 6. REMOVE THE NORTHBOUND AND SOUTHBOUND TEMPORARY PAVEMENT WIDENINGS.
- 7. MILL AND PAVE SHOULDERS FROM 2% CROSS SLOPE USED IN PHASE 2 TO 4% CROSS SLOPE FINAL GRADE.
- 8. CONSTRUCT LIGHT POLE FOUNDATIONS, CONDUIT, AND POLES AND LIGHT FIXTURES.
- 9. CONSTRUCT SOUTHBOUND CASH BARRIER FROM STA. 2335+50 (BEGIN) TO STA. 2338+00.
- 10. CONSTRUCT NORTHBOUND CASH BARRIER FROM STA. 1337+00 (BEGIN) TO STA. 1339+50.
- 11. CONSTRUCT MEDIAN BARRIER FROM STA. 306+00 (BEGIN) TO STA. 332+00. SHIFT THREE NORTHBOUND AND THREE SOUTHBOUND LANES TO THE OUTSIDE LANES TO PROVIDE A WORK AREA FOR THE CONSTRUCTION OF THE MEDIAN AND MEDIAN BARRIER.
- 12. CONSTRUCT MILL AND PAVE PAVEMENT FROM SOUTHBOUND STA. 2290+00 TO STA. 2306+00, AND FROM NORTHBOUND STA. 1287+00 TO STA. 1306+00.
- 13. COMPLETE FINAL MILL AND OVERLAY PAVING OPERATIONS WITH DAILY LANE CLOSURES AND/OR NIGHT WORK.

**LEGEND**

|  |                                |
|--|--------------------------------|
|  | REQUIRED CONSTRUCTION          |
|  | PRIORITY CONSTRUCTION          |
|  | WORK ZONE OPEN TO CONSTRUCTION |

Scale: NOT TO SCALE

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | RRP | 7\18 | Checked      | CSM | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824



**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

**YORK TOLL PLAZA**

CONSTRUCTION STAGING PLAN 3  
PHASE 3

SHEET NUMBER: CS-03  
47 OF 489

CONTRACT: 2018.20

Date: 6/30/2018

Filename: ...0259637\048\_MOTPlan1\_01.dgn

**LEGEND**

-  WORK ZONE
-  PRIORITY WORK
-  TEMPORARY GRADE

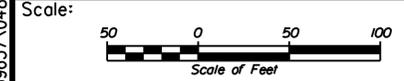
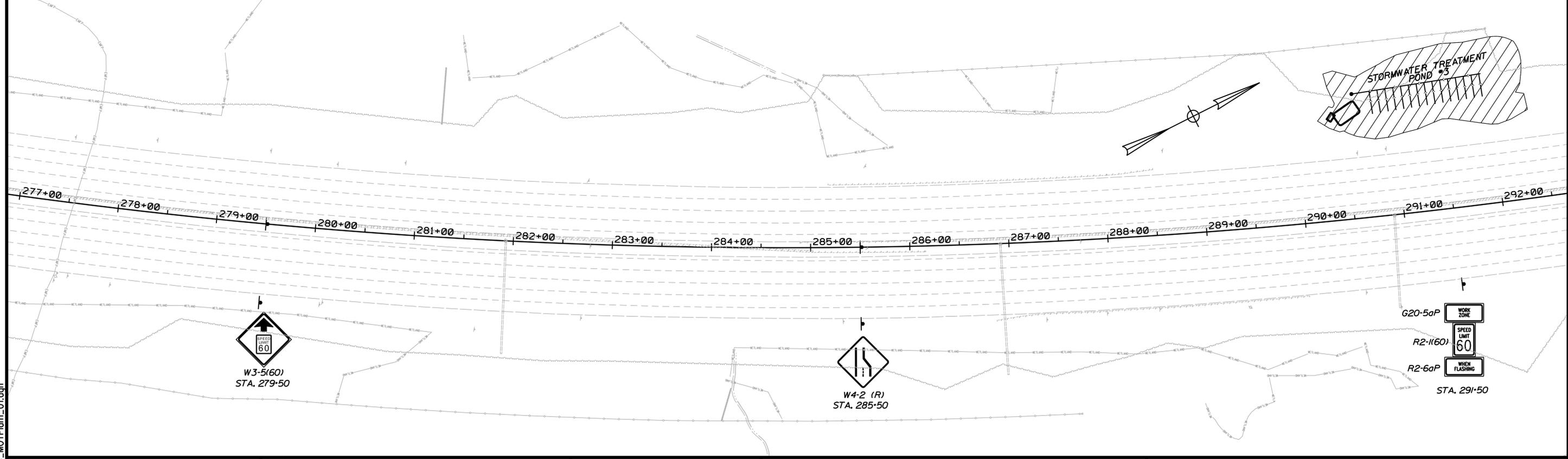
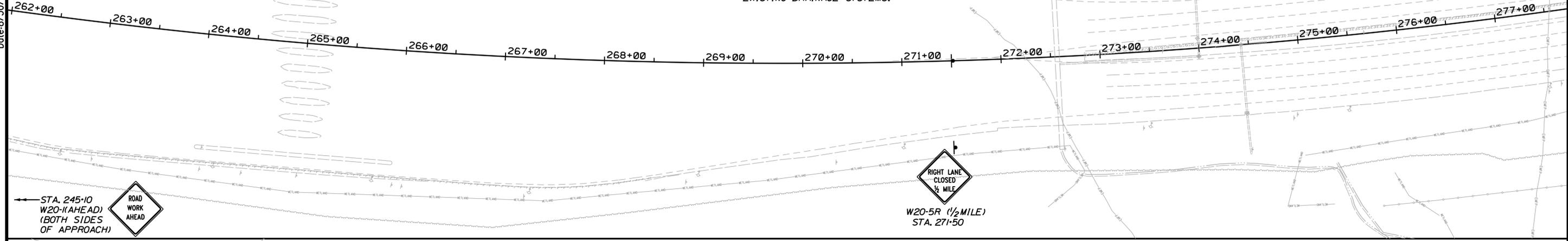
**SIGN LEGEND**

-  TEMPORARY SIGN
-  TRAILER MOUNTED SPEED SIGN
-  DRUMS
-  BARRIER
-  ARROW BOARD

**NOTES:**

1. INSTALL TEMPORARY PIPE CAP AT END OF PIPE. PIPE CAP SHALL BE REMOVED IN A LATER PHASE TO COMPLETE THE PROPOSED STORM DRAIN CONSTRUCTION.
2. PROVIDE STEEL PLATE TO COVER DRAINAGE STRUCTURE. THE DRAINAGE STRUCTURE FRAME (GRATE OR COVER) SHALL NOT BE INSTALLED ON NEW STRUCTURES. ON EXISTING STRUCTURES, THE FRAME (GRATE OR COVER) SHALL BE REMOVED. THE STEEL PLATE SHALL BE REMOVED IN A LATER CONSTRUCTION PHASE TO COMPLETE THE NEW DRAINAGE STRUCTURE INSTALLATION OR REMOVAL/ABANDON OF EXISTING DRAINAGE STRUCTURE.
3. CONSTRUCT NEW DRAINAGE STRUCTURE AND SET FRAME (GRATE OR COVER) TO PROPOSED ELEVATION.
4. MAINTAIN EXISTING DRAINAGE SYSTEM DURING CONSTRUCTION. PROTECT STRUCTURES AND OUTLET FROM CONSTRUCTION DEBRIS AND UTILIZE FOR TEMPORARY DRAINAGE. REMOVE OR ABANDON IN PLACE WHEN THE NEW DRAINAGE SYSTEM IS IN PLACE AND FUNCTIONING. SEE GENERAL PLANS GP-1 THROUGH GP-20 FOR DISPOSITION OF EXISTING DRAINAGE SYSTEMS.

5. REMOVE OR ABANDON EXISTING DRAINAGE SYSTEM. SEE GENERAL PLANS GP-1 THROUGH GP-20 FOR DISPOSITION OF EXISTING DRAINAGE SYSTEMS.
6. REMOVE TEMPORARY PIPE CAP. COMPLETE DRAINAGE SYSTEM CONSTRUCTION.
7. REMOVE STEEL PLATE AND COMPLETE DRAINAGE STRUCTURE. INSTALL NEW FRAME (GRATE OR COVER) TO TOP OF PAVEMENT BINDER GRADE.
8. PRIOR TO SHIFTING TRAFFIC ONTO EXISTING SHOULDER, REMOVE RUMBLE STRIPS AND SHIM WITH HMA PAVEMENT.



Designed by:



JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824



THE GOLD STAR  
MEMORIAL HIGHWAY

YORK TOLL PLAZA  
MAINTENANCE OF TRAFFIC  
PHASE 1 - PLAN 1

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

| CONSULTANT PROJECT MANAGER: T. MORIN |     |      |              |     |      |
|--------------------------------------|-----|------|--------------|-----|------|
|                                      | By  | Date |              | By  | Date |
| Designed                             | RRP | 7\18 | Checked      | CSM | 7\18 |
| Drawn                                | AMS | 7\18 | In Charge of | TWM | 7\18 |

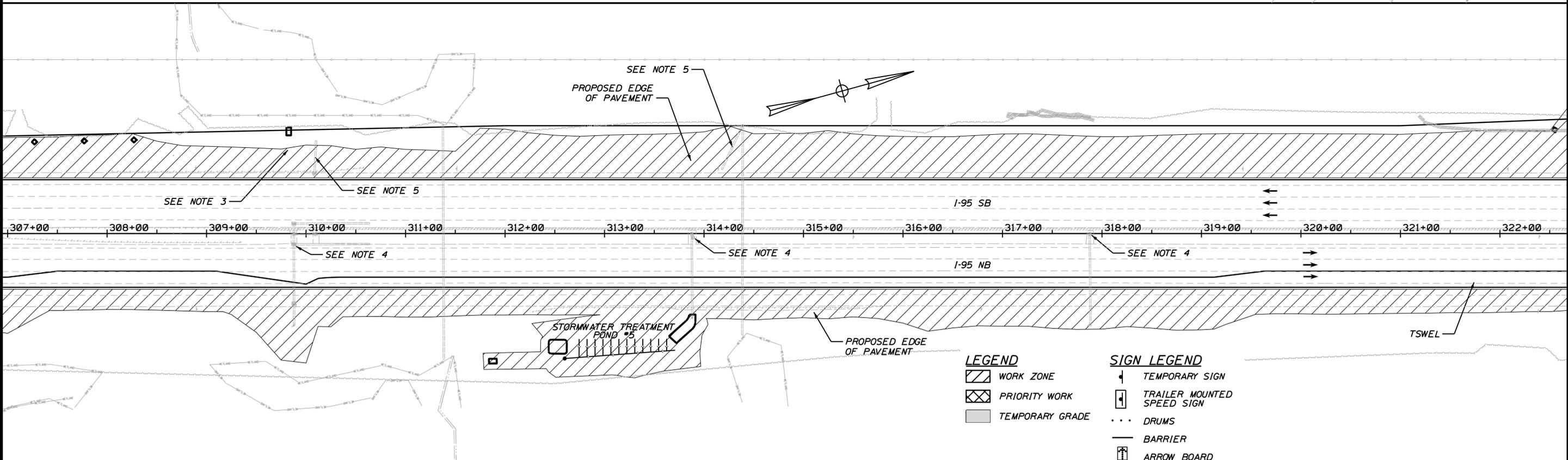
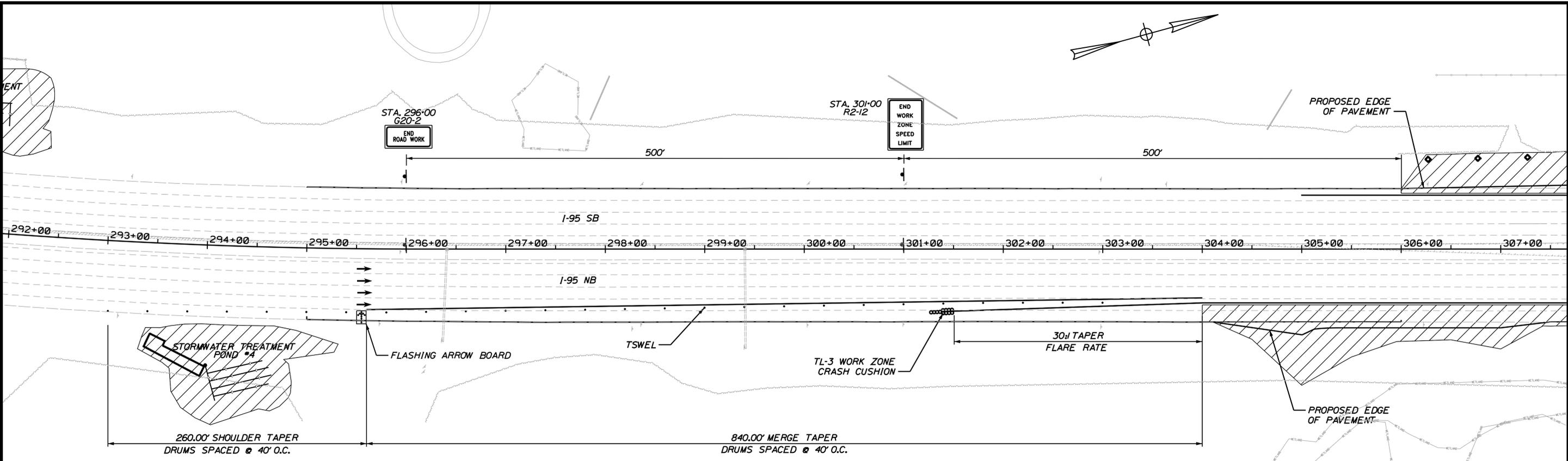
MTA PROJECT MANAGER: R. NORWOOD

CONTRACT: 2018.20

SHEET NUMBER: MOT-01

48 OF 489

Date: 8/30/2018



Filename: ...0259637\049\_MOTPlan1\_02.dgn

Scale: 1" = 100'

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

Designed by:

# JACOBS

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | RRP | 7\18 | Checked      | CSM | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

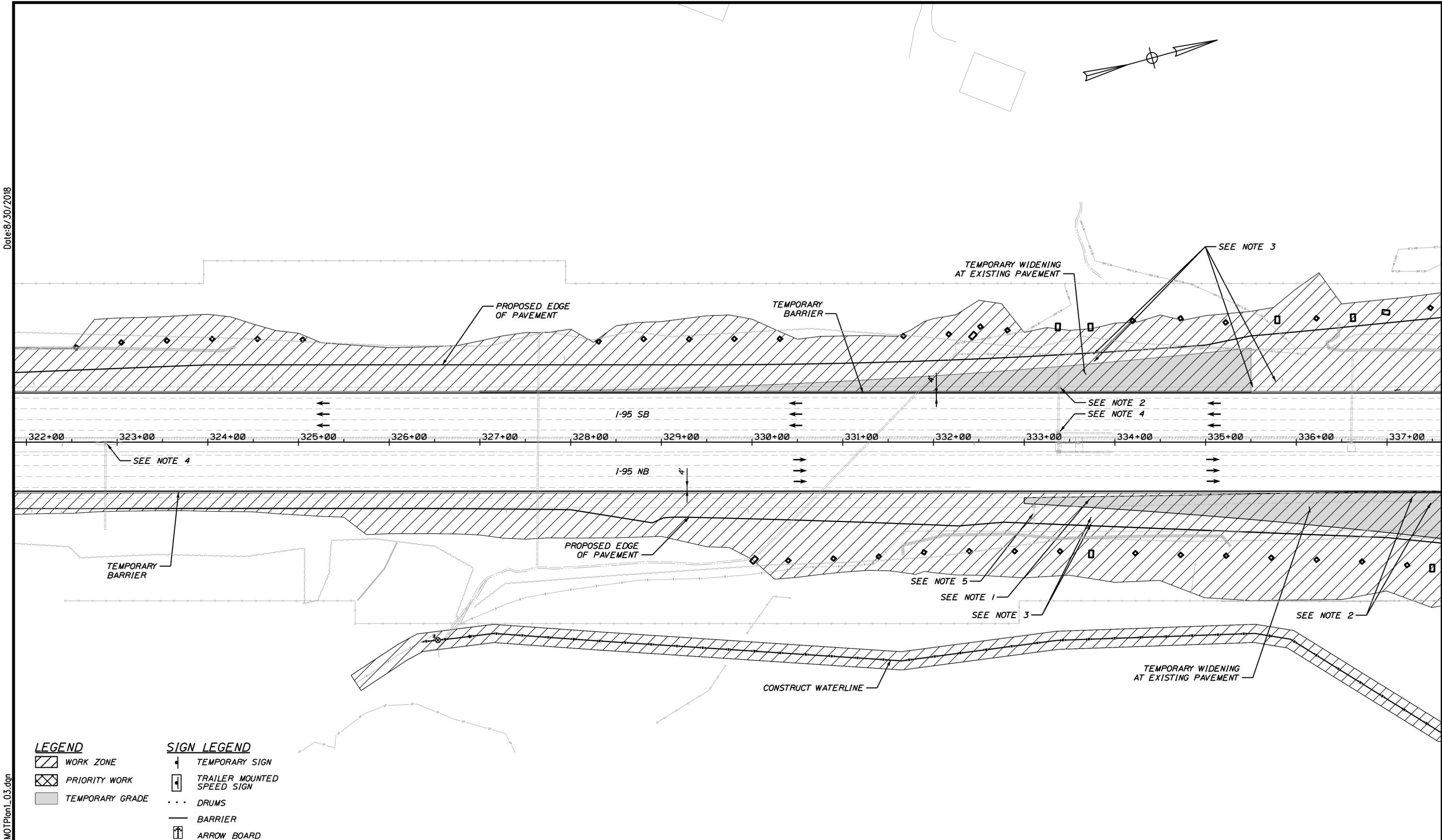
**YORK TOLL PLAZA**

MAINTENANCE OF TRAFFIC  
 PHASE 1 - PLAN 2

SHEET NUMBER: MOT-02  
 49 OF 489

CONTRACT: 2018.20

Date: 8/30/2018



**LEGEND**

- WORK ZONE
- PRIORITY WORK
- TEMPORARY GRADE

**SIGN LEGEND**

- TEMPORARY SIGN
- TRAILER MOUNTED SPEED SIGN
- DRUMS
- BARRIER
- ARROW BOARD

Scale:

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

Designed by:

JACOBS

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | RRP | 7\18 | Checked      | CSM | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

THE GOLD STAR  
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

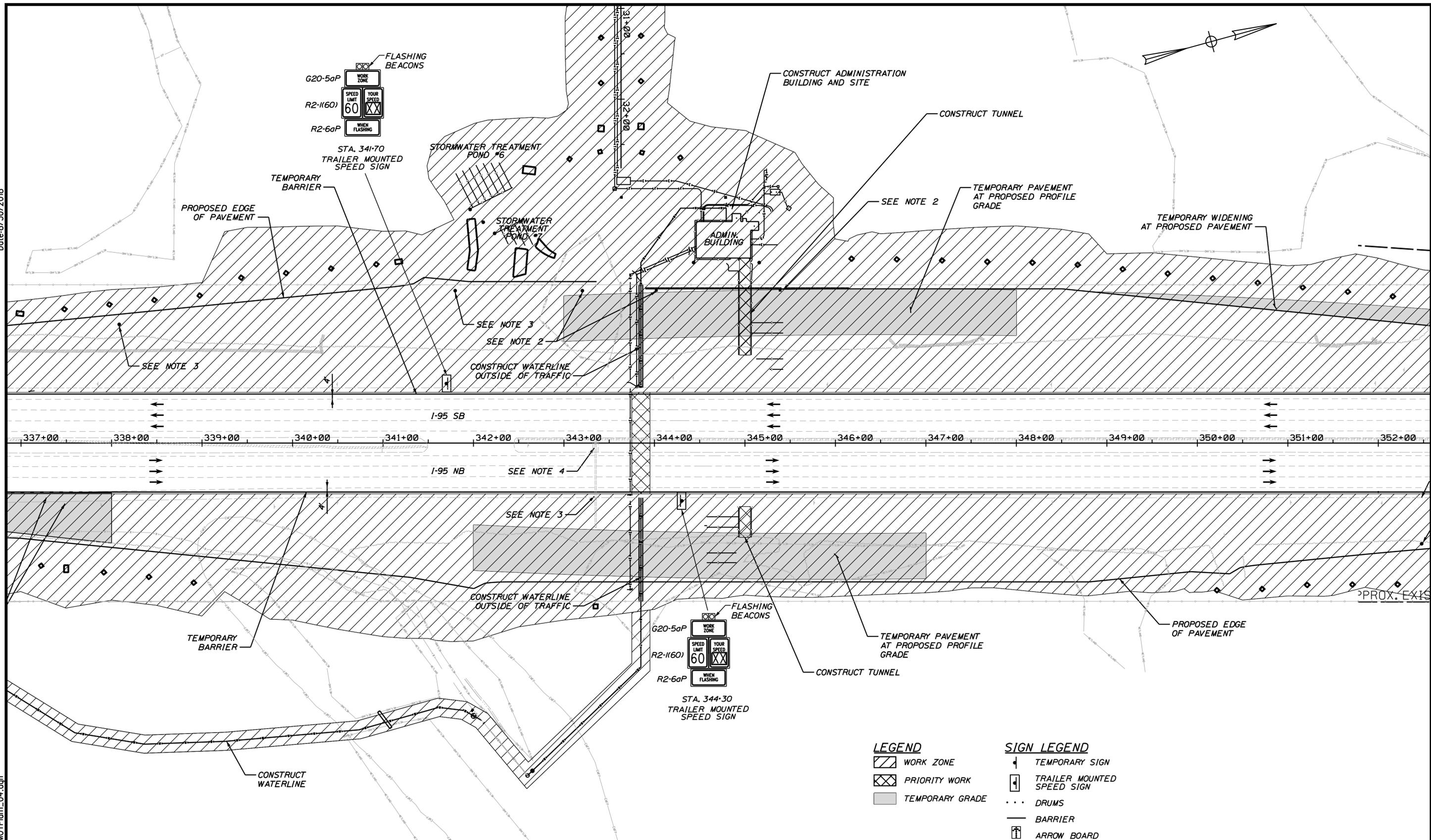
MAINTENANCE OF TRAFFIC  
PHASE 1 - PLAN 3

SHEET NUMBER: MOT-03  
CONTRACT: 2018.20  
50 OF 489

Filename: ...00259637\050\_MOTPlan1\_03.dgn

Date: 8/30/2018

Filename: ...0259637\051\_MOTPlan1\_04.dgn



**LEGEND**

- WORK ZONE
- PRIORITY WORK
- TEMPORARY GRADE

**SIGN LEGEND**

- TEMPORARY SIGN
- TRAILER MOUNTED SPEED SIGN
- DRUMS
- BARRIER
- ARROW BOARD

Scale:

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

Designed by:

# JACOBS

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | RRP | 7\18 | Checked      | CSM | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

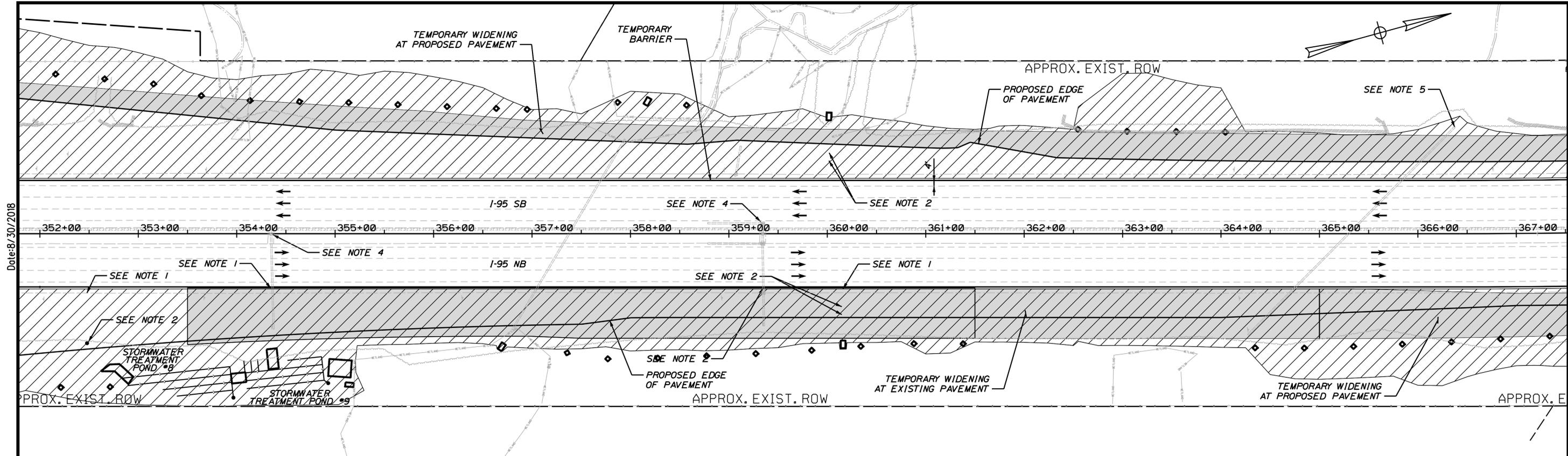
## THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD

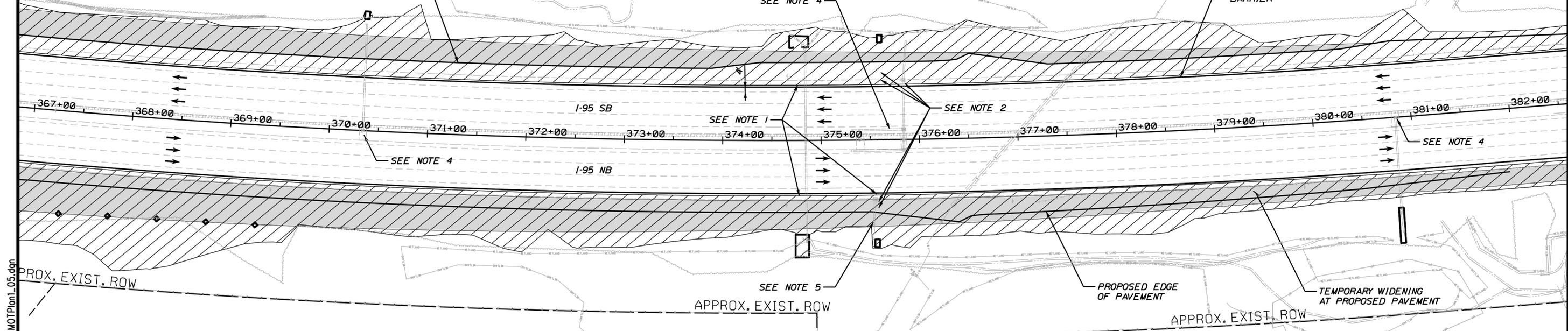
## YORK TOLL PLAZA

### MAINTENANCE OF TRAFFIC PHASE 1 - PLAN 4

SHEET NUMBER: MOT-04  
CONTRACT: 2018.20  
51 OF 489



- LEGEND**
- WORK ZONE
  - PRIORITY WORK
  - TEMPORARY GRADE
- SIGN LEGEND**
- TEMPORARY SIGN
  - TRAILER MOUNTED SPEED SIGN
  - DRUMS
  - BARRIER
  - ARROW BOARD



Scale:

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | RRP | 7\18 | Checked      | CSM | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

**YORK TOLL PLAZA**

MAINTENANCE OF TRAFFIC  
 PHASE 1 - PLAN 5

SHEET NUMBER: MOT-05

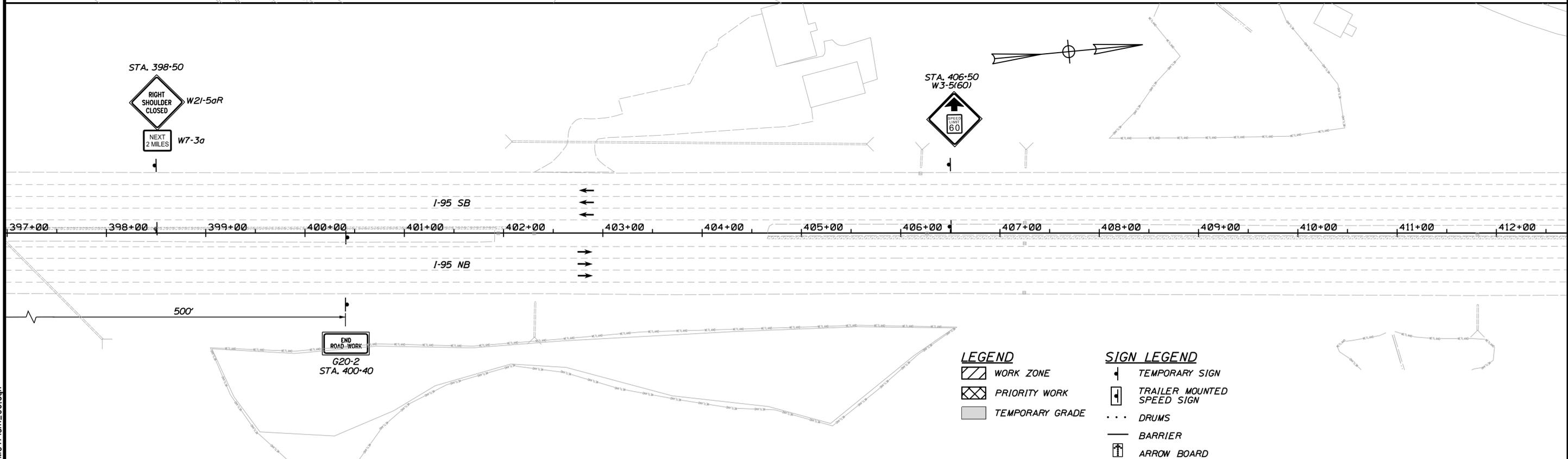
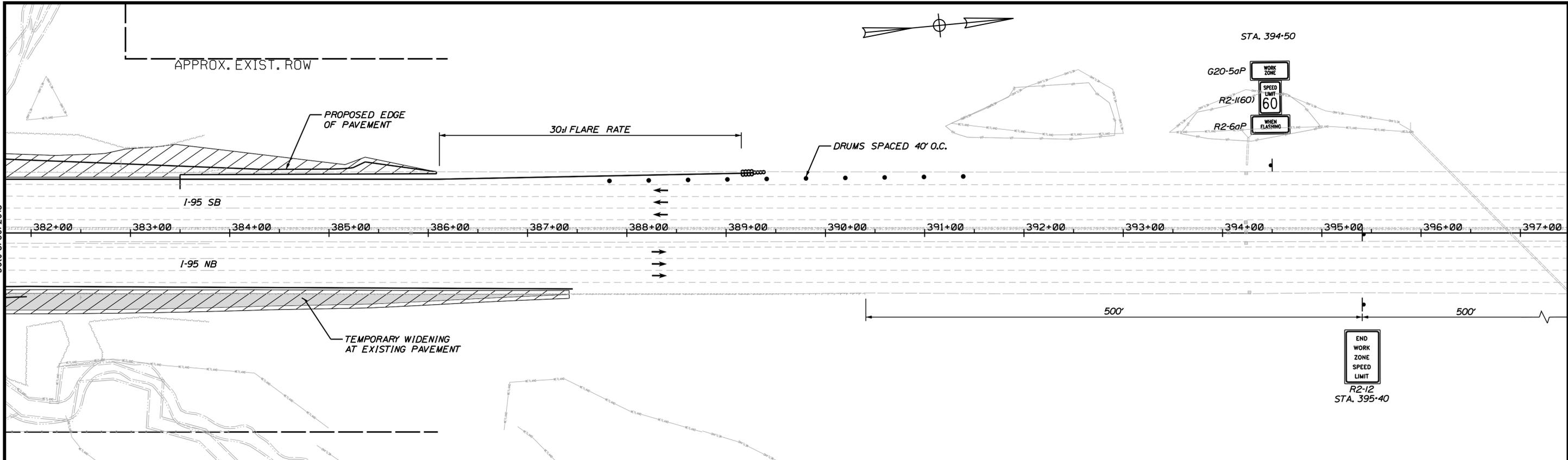
CONTRACT: 2018.20

52 OF 489

Date: 8/30/2018  
 Filename: ...00259637\052\_MOTPlan1\_05.dgn

Date: 8/30/2018

Filename: ...0259637\053\_MOTPlan1\_06.dgn



**LEGEND**

- WORK ZONE
- PRIORITY WORK
- TEMPORARY GRADE

**SIGN LEGEND**

- TEMPORARY SIGN
- TRAILER MOUNTED SPEED SIGN
- DRUMS
- BARRIER
- ARROW BOARD

Scale:

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | RRP | 7\18 | Checked      | CSM | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

MAINTENANCE OF TRAFFIC  
 PHASE 1 - PLAN 6

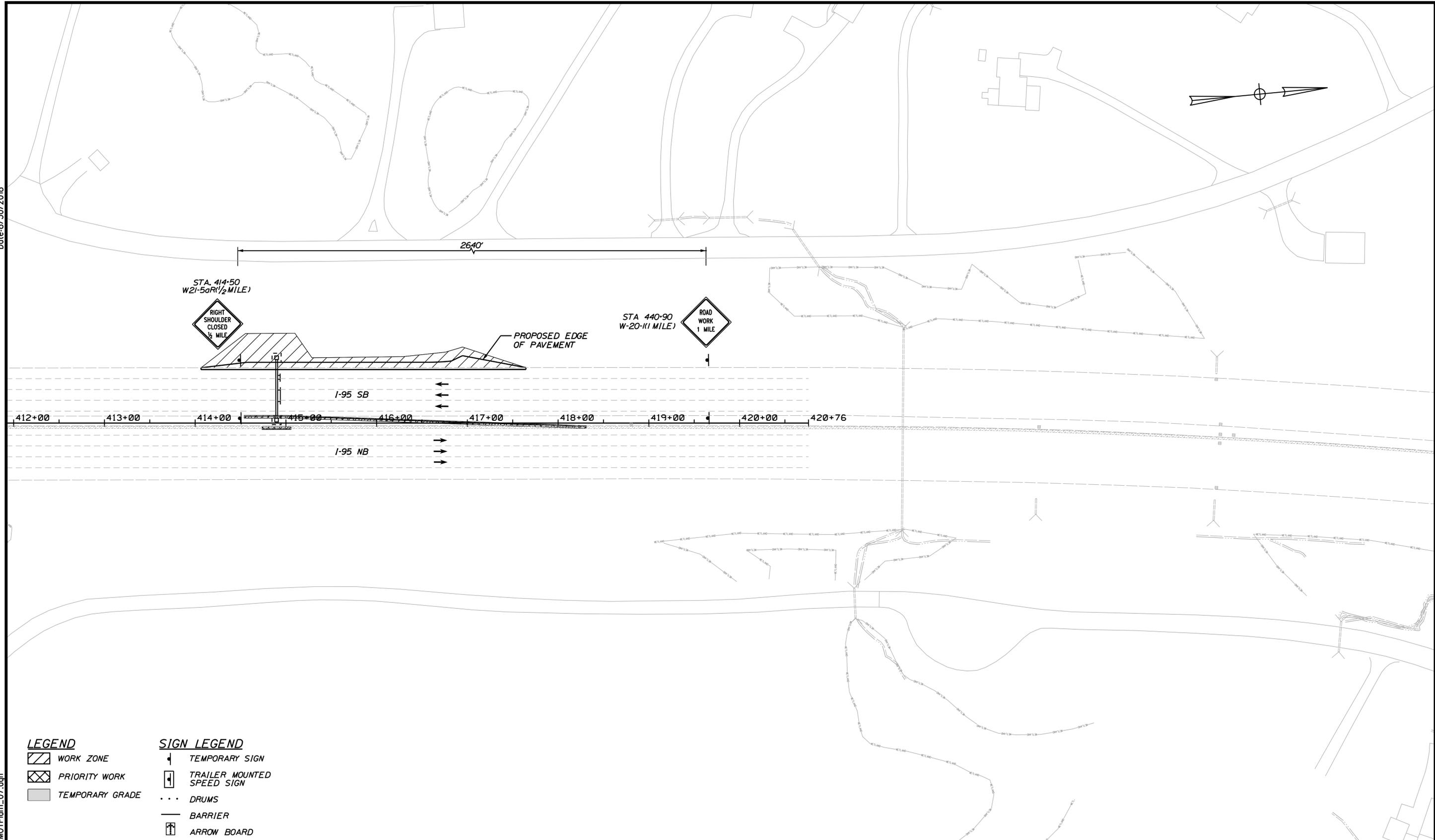
SHEET NUMBER: MOT-06

CONTRACT: 2018.20

53 OF 489

Date: 8/30/2018

Filename: ...00259637\054\_MOTPlan1\_07.dgn

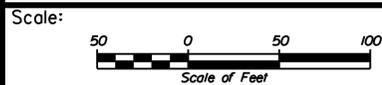


**LEGEND**

- WORK ZONE
- PRIORITY WORK
- TEMPORARY GRADE

**SIGN LEGEND**

- TEMPORARY SIGN
- TRAILER MOUNTED SPEED SIGN
- DRUMS
- BARRIER
- ARROW BOARD



Designed by:



JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824



THE GOLD STAR  
MEMORIAL HIGHWAY

YORK TOLL PLAZA  
MAINTENANCE OF TRAFFIC  
PHASE 1 - PLAN 7

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

| CONSULTANT PROJECT MANAGER: T. MORIN |     |      |              |     |      |
|--------------------------------------|-----|------|--------------|-----|------|
|                                      | By  | Date |              | By  | Date |
| Designed                             | RRP | 7\18 | Checked      | CSM | 7\18 |
| Drawn                                | AMS | 7\18 | In Charge of | TWM | 7\18 |

MTA PROJECT MANAGER: R. NORWOOD

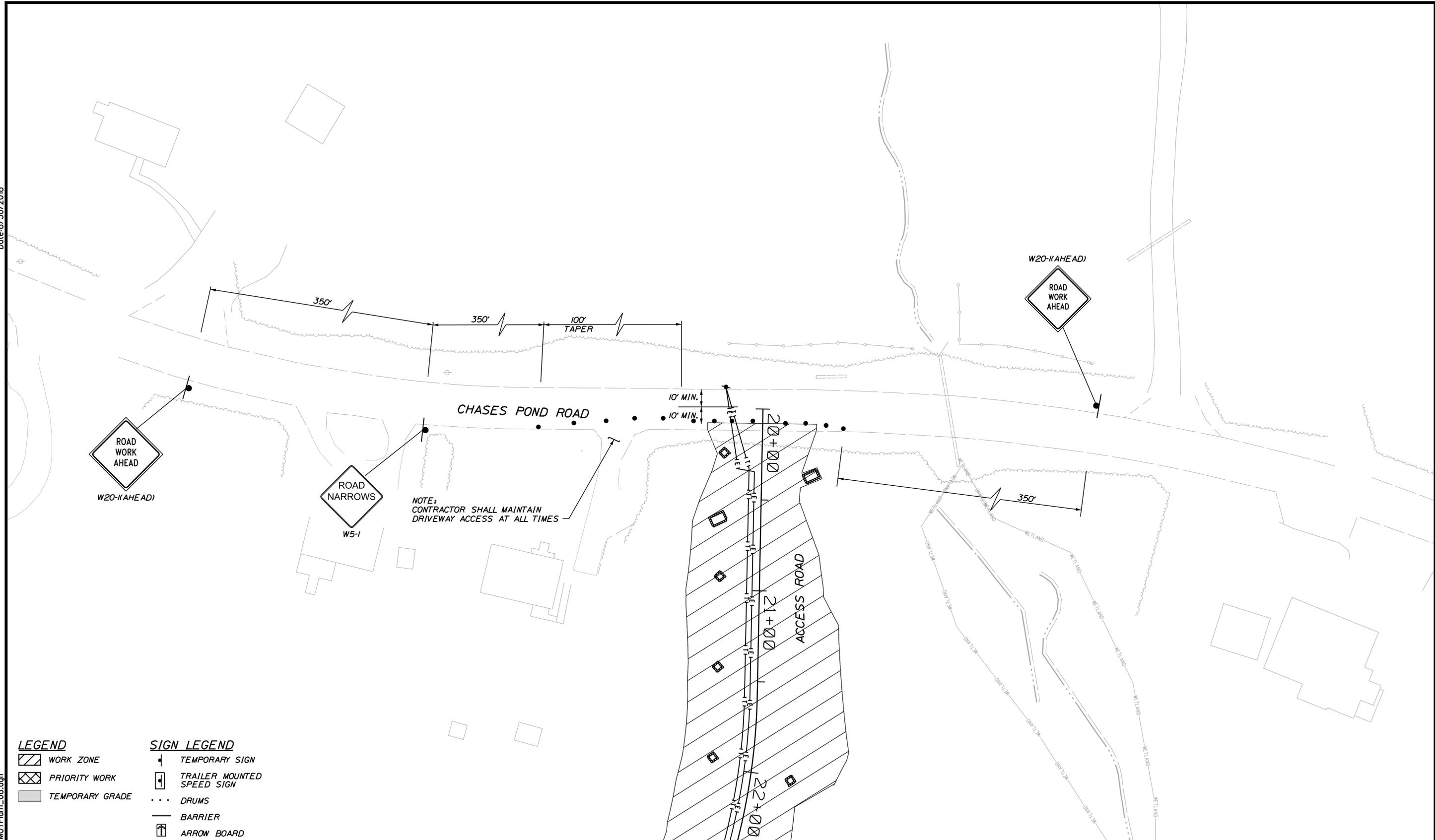
CONTRACT: 2018.20

SHEET NUMBER: MOT-07

54 OF 489

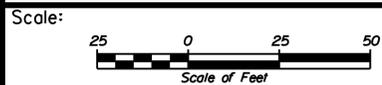
Date: 8/30/2018

Filename: ...00259637\055\_MOTPlan1\_08.dgn



- LEGEND**
- WORK ZONE
  - PRIORITY WORK
  - TEMPORARY GRADE

- SIGN LEGEND**
- TEMPORARY SIGN
  - TRAILER MOUNTED SPEED SIGN
  - DRUMS
  - BARRIER
  - ARROW BOARD



Designed by:



JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824



THE GOLD STAR  
 MEMORIAL HIGHWAY

YORK TOLL PLAZA  
 MAINTENANCE OF TRAFFIC  
 ACCESS ROAD ENTRANCE  
 PHASES 1 THRU 3

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |

| CONSULTANT PROJECT MANAGER: T. MORIN |     |      |              |     |      |
|--------------------------------------|-----|------|--------------|-----|------|
|                                      | By  | Date |              | By  | Date |
| Designed                             | CSM | 7\18 | Checked      | RRP | 7\18 |
| Drawn                                | AMS | 7\18 | In Charge of | TWM | 7\18 |

MTA PROJECT MANAGER: R. NORWOOD

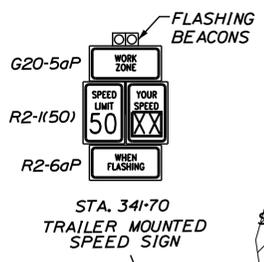
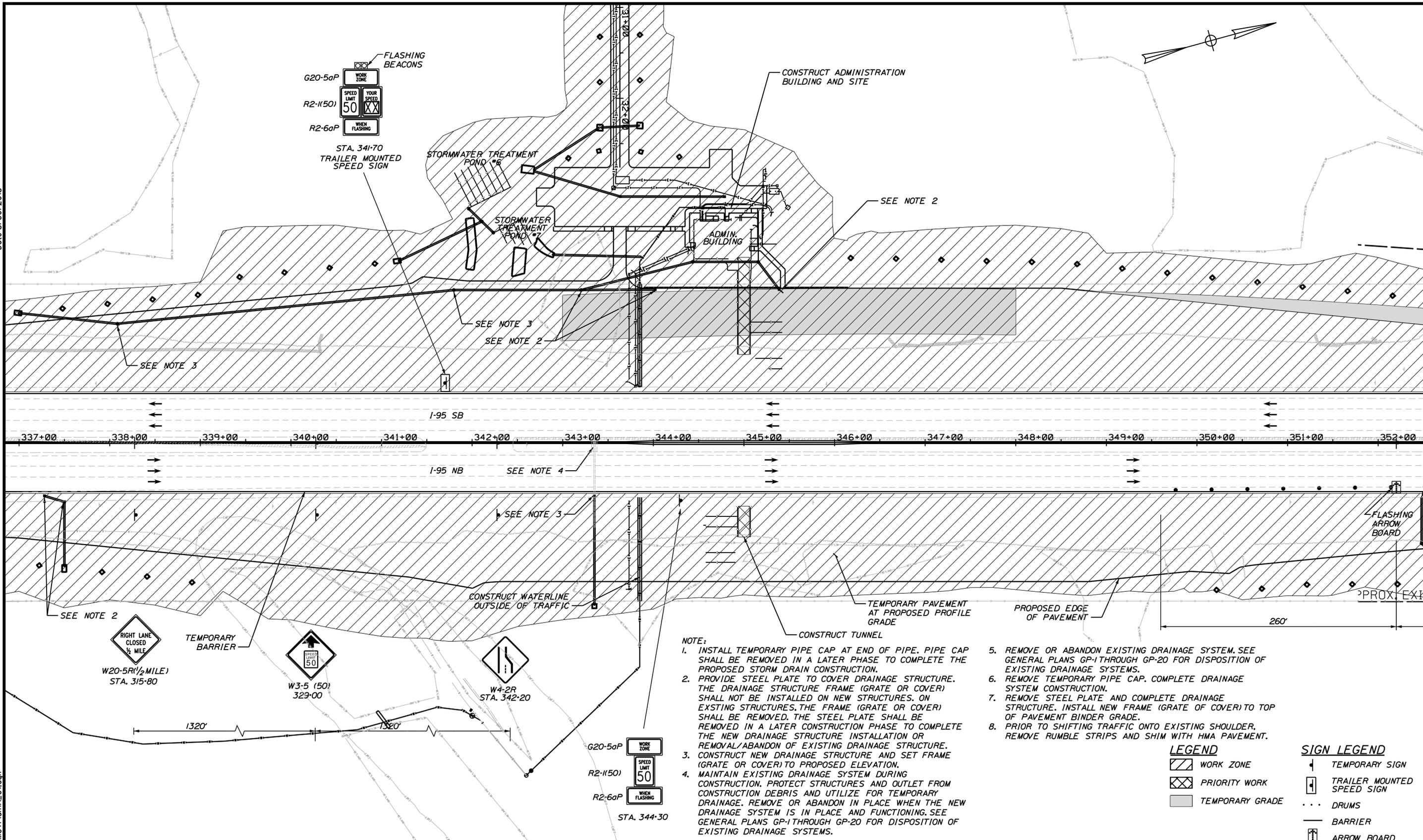
CONTRACT: 2018.20

SHEET NUMBER: MOT-08

55 OF 489

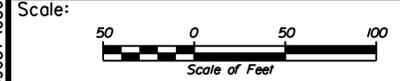
Date: 6/30/2018

Filename: ...00259637.056\_MOTPlanA\_01.dgn



- NOTE:**
1. INSTALL TEMPORARY PIPE CAP AT END OF PIPE. PIPE CAP SHALL BE REMOVED IN A LATER PHASE TO COMPLETE THE PROPOSED STORM DRAIN CONSTRUCTION.
  2. PROVIDE STEEL PLATE TO COVER DRAINAGE STRUCTURE. THE DRAINAGE STRUCTURE FRAME (GRATE OR COVER) SHALL NOT BE INSTALLED ON NEW STRUCTURES. ON EXISTING STRUCTURES, THE FRAME (GRATE OR COVER) SHALL BE REMOVED. THE STEEL PLATE SHALL BE REMOVED IN A LATER CONSTRUCTION PHASE TO COMPLETE THE NEW DRAINAGE STRUCTURE INSTALLATION OR REMOVAL/ABANDON OF EXISTING DRAINAGE STRUCTURE.
  3. CONSTRUCT NEW DRAINAGE STRUCTURE AND SET FRAME (GRATE OR COVER) TO PROPOSED ELEVATION.
  4. MAINTAIN EXISTING DRAINAGE SYSTEM DURING CONSTRUCTION. PROTECT STRUCTURES AND OUTLET FROM CONSTRUCTION DEBRIS AND UTILIZE FOR TEMPORARY DRAINAGE. REMOVE OR ABANDON IN PLACE WHEN THE NEW DRAINAGE SYSTEM IS IN PLACE AND FUNCTIONING. SEE GENERAL PLANS GP-1 THROUGH GP-20 FOR DISPOSITION OF EXISTING DRAINAGE SYSTEMS.
  5. REMOVE OR ABANDON EXISTING DRAINAGE SYSTEM. SEE GENERAL PLANS GP-1 THROUGH GP-20 FOR DISPOSITION OF EXISTING DRAINAGE SYSTEMS.
  6. REMOVE TEMPORARY PIPE CAP. COMPLETE DRAINAGE SYSTEM CONSTRUCTION.
  7. REMOVE STEEL PLATE AND COMPLETE DRAINAGE STRUCTURE. INSTALL NEW FRAME (GRATE OR COVER) TO TOP OF PAVEMENT BINDER GRADE.
  8. PRIOR TO SHIFTING TRAFFIC ONTO EXISTING SHOULDER, REMOVE RUMBLE STRIPS AND SHIM WITH HMA PAVEMENT.

- LEGEND**
- WORK ZONE
  - PRIORITY WORK
  - TEMPORARY GRADE
- SIGN LEGEND**
- TEMPORARY SIGN
  - TRAILER MOUNTED SPEED SIGN
  - DRUMS
  - BARRIER
  - ARROW BOARD



Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

| By  | Date | By           | Date     |
|-----|------|--------------|----------|
| RRP | 7\18 | Checked      | CSM 7\18 |
| AMS | 7\18 | In Charge of | TWM 7\18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

**MAINE TURNPIKE**

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

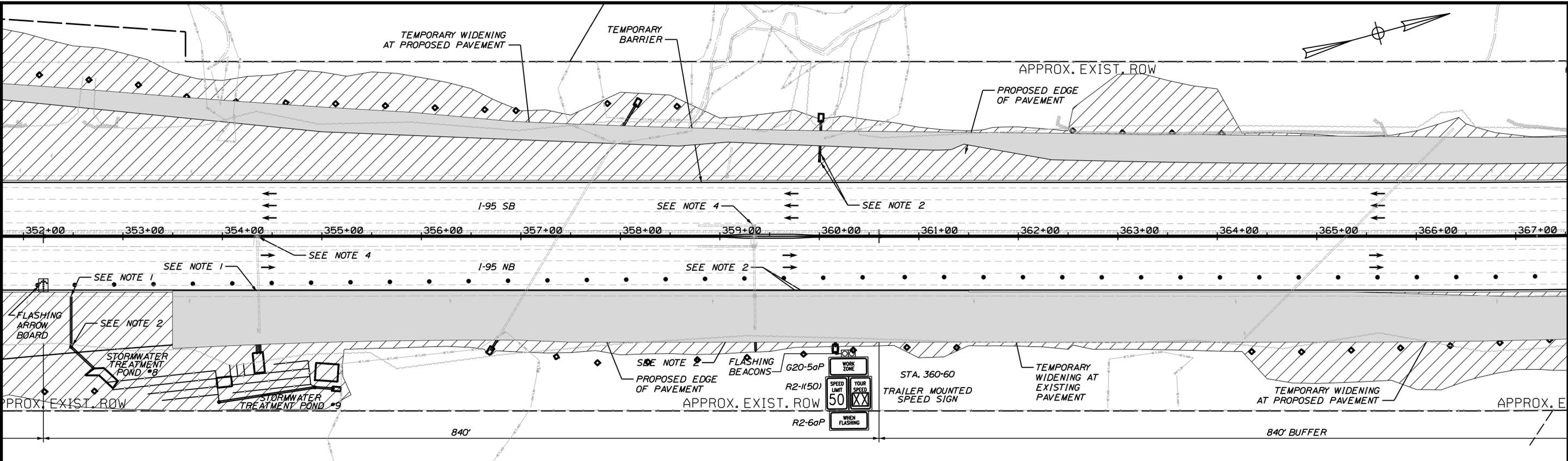
**YORK TOLL PLAZA**

**MAINTENANCE OF TRAFFIC**

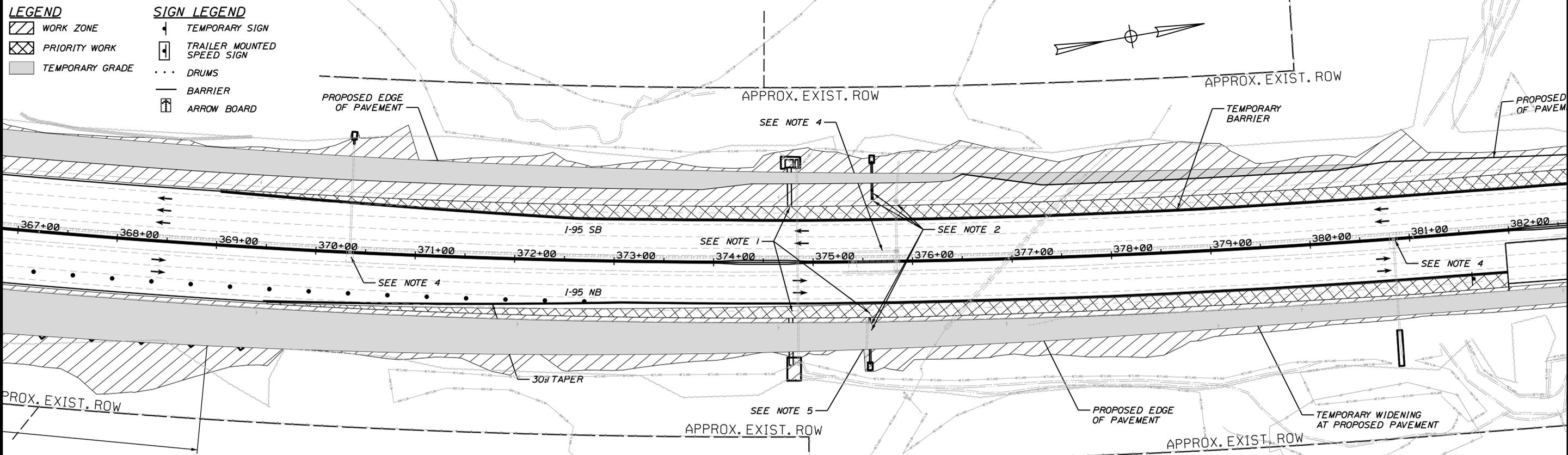
**PHASE A - PLAN 1**

SHEET NUMBER: MOT-09  
CONTRACT: 2018.20  
56 OF 489

Date: 8/30/2018



- LEGEND**
- WORK ZONE
  - PRIORITY WORK
  - TEMPORARY GRADE
- SIGN LEGEND**
- TEMPORARY SIGN
  - TRAILER MOUNTED SPEED SIGN
  - DRUMS
  - BARRIER
  - ARROW BOARD



Scale:

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | RRP | 7\18 | Checked      | CSM | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

**MAINE TURNPIKE**

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

**YORK TOLL PLAZA**

MAINTENANCE OF TRAFFIC  
 PHASE A - PLAN 2

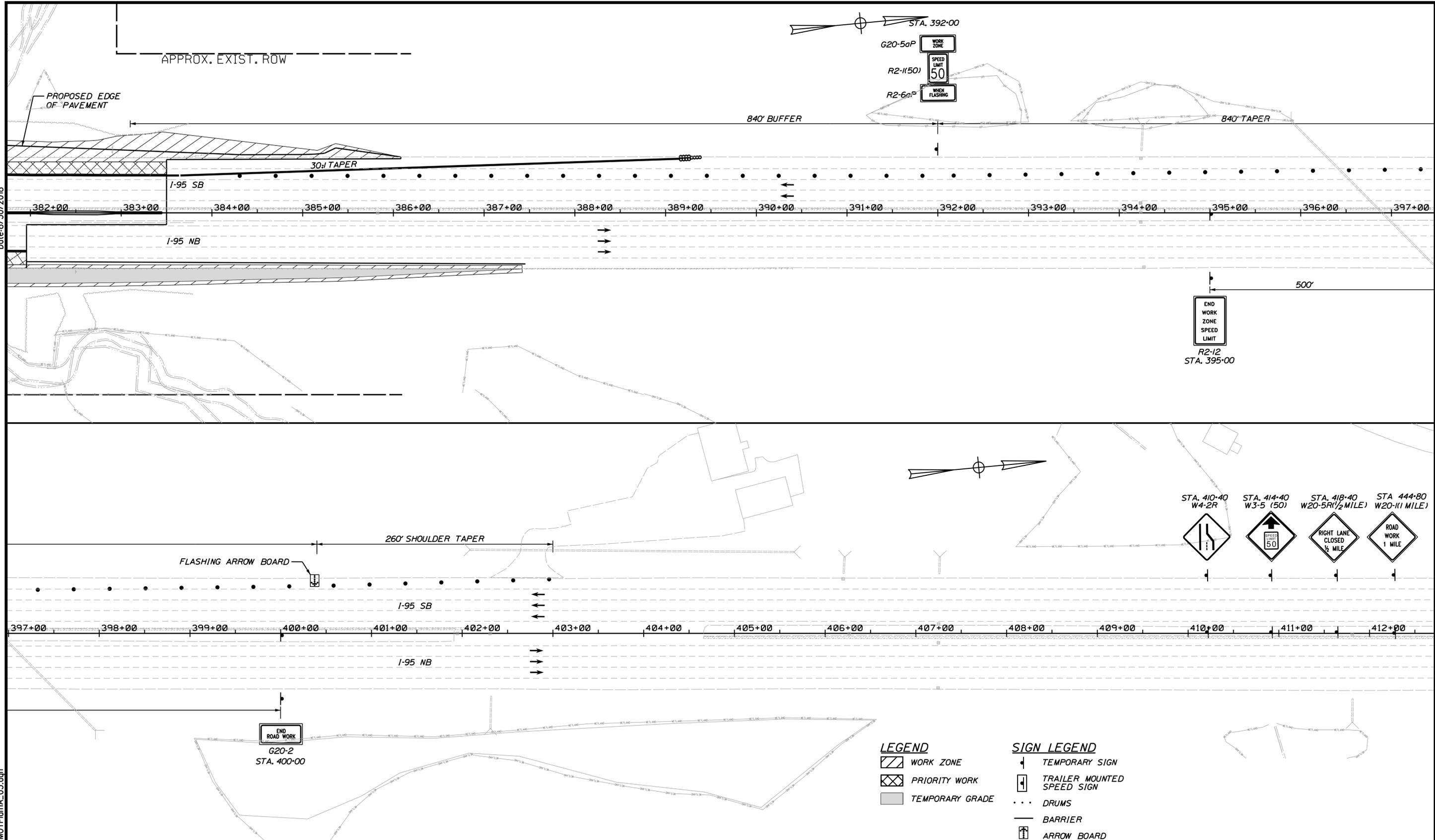
SHEET NUMBER: MOT-10  
 57 OF 489

CONTRACT: 2018.20

Filename: ...00259637\057\_MOTPlan1A\_02.dgn

Date: 8/30/2018

Filename: ...0259637\058\_MOTPlan1A\_03.dgn



- LEGEND**
- WORK ZONE
  - PRIORITY WORK
  - TEMPORARY GRADE

- SIGN LEGEND**
- TEMPORARY SIGN
  - TRAILER MOUNTED SPEED SIGN
  - DRUMS
  - BARRIER
  - ARROW BOARD

Scale:

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

Designed by:

# JACOBS

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | RRP | 7\18 | Checked      | CSM | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

## THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

MAINTENANCE OF TRAFFIC  
PHASE A - PLAN 3

SHEET NUMBER: MOT-11  
CONTRACT: 2018.20  
58 OF 489

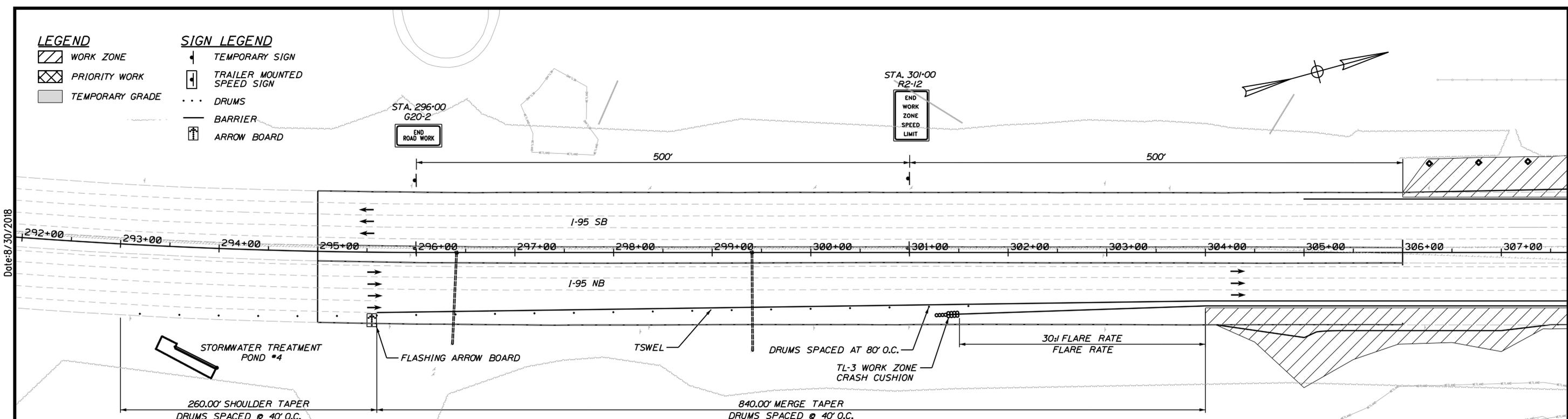
**LEGEND**

-  WORK ZONE
-  PRIORITY WORK
-  TEMPORARY GRADE

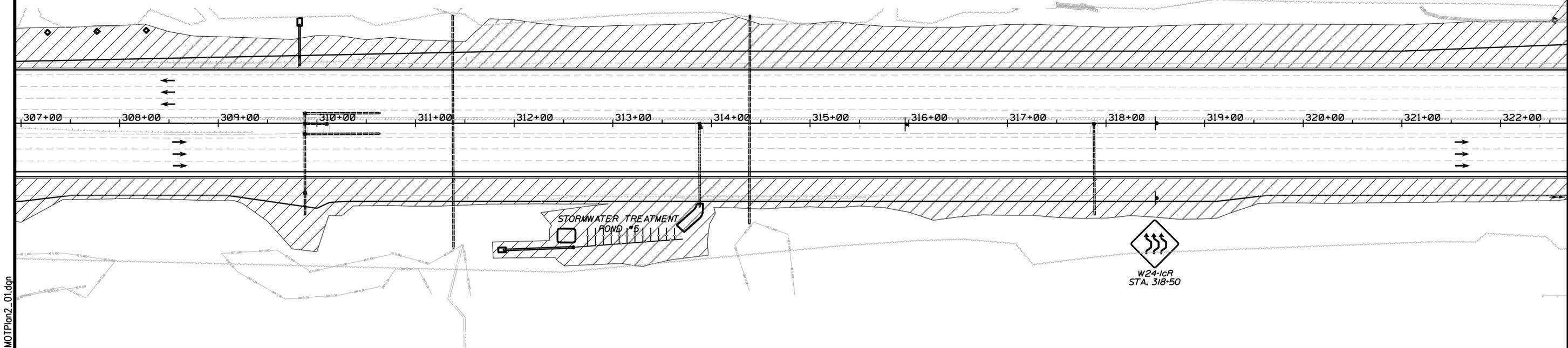
**SIGN LEGEND**

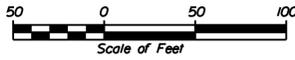
-  TEMPORARY SIGN
-  TRAILER MOUNTED SPEED SIGN
-  DRUMS
-  BARRIER
-  ARROW BOARD

Date: 8/30/2018



- NOTE:**
1. INSTALL TEMPORARY PIPE CAP AT END OF PIPE. PIPE CAP SHALL BE REMOVED IN A LATER PHASE TO COMPLETE THE PROPOSED STORM DRAIN CONSTRUCTION.
  2. PROVIDE STEEL PLATE TO COVER DRAINAGE STRUCTURE. THE DRAINAGE STRUCTURE FRAME (GRATE OR COVER) SHALL NOT BE INSTALLED ON NEW STRUCTURES. ON EXISTING STRUCTURES, THE FRAME (GRATE OR COVER) SHALL BE REMOVED. THE STEEL PLATE SHALL BE REMOVED IN A LATER CONSTRUCTION PHASE TO COMPLETE THE NEW DRAINAGE STRUCTURE INSTALLATION OR REMOVAL/ABANDON OF EXISTING DRAINAGE STRUCTURE.
  3. CONSTRUCT NEW DRAINAGE STRUCTURE AND SET FRAME (GRATE OR COVER) TO PROPOSED ELEVATION.
  4. MAINTAIN EXISTING DRAINAGE SYSTEM DURING CONSTRUCTION. PROTECT STRUCTURES AND OUTLET FROM CONSTRUCTION DEBRIS AND UTILIZE FOR TEMPORARY DRAINAGE. REMOVE OR ABANDON IN PLACE WHEN THE NEW DRAINAGE SYSTEM IS IN PLACE AND FUNCTIONING. SEE GENERAL PLANS GP-1 THROUGH GP-20 FOR DISPOSITION OF EXISTING DRAINAGE SYSTEMS.
  5. REMOVE OR ABANDON EXISTING DRAINAGE SYSTEM. SEE GENERAL PLANS GP-1 THROUGH GP-20 FOR DISPOSITION OF EXISTING DRAINAGE SYSTEMS.
  6. REMOVE TEMPORARY PIPE CAP. COMPLETE DRAINAGE SYSTEM CONSTRUCTION.
  7. REMOVE STEEL PLATE AND COMPLETE DRAINAGE STRUCTURE. INSTALL NEW FRAME (GRATE OR COVER) TO TOP OF PAVEMENT BINDER GRADE.
  8. PRIOR TO SHIFTING TRAFFIC ONTO EXISTING SHOULDER, REMOVE RUMBLE STRIPS AND SHIM WITH HMA PAVEMENT.
  9. MAINTAIN PHASE 1 SIGNS UNLESS NOTED.



Scale: 

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | RRP | 7\18 | Checked      | CSM | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824



**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

MAINTENANCE OF TRAFFIC  
 PHASE 2 - PLAN 1

SHEET NUMBER: MOT-12

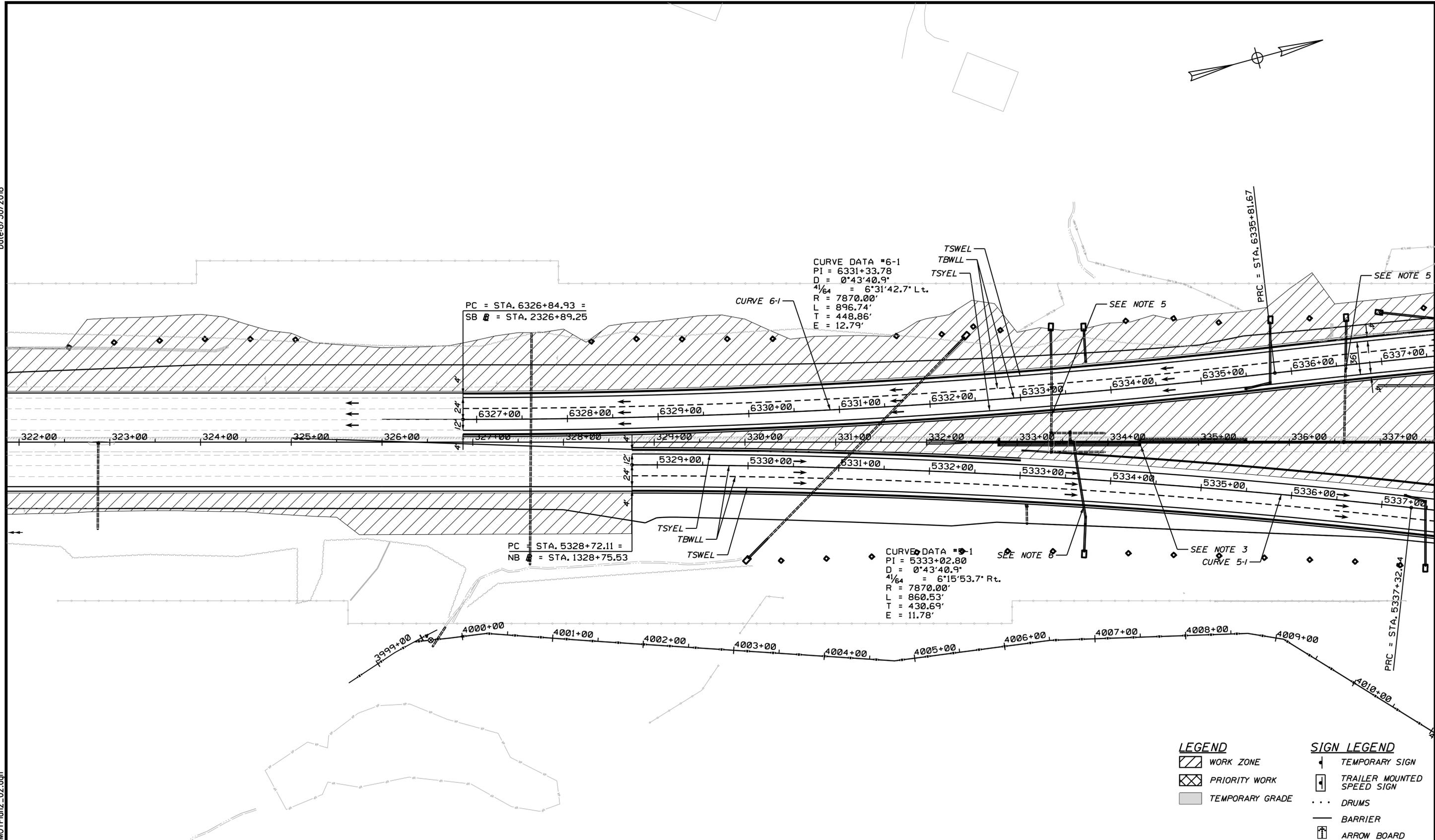
CONTRACT: 2018.20

59 OF 489

Filename: ...00259637\059\_MOTPlan2\_01.dgn

Date: 6/30/2018

Filename: ...0259637\_060\_MOTPlan2\_02.dgn



| LEGEND |                 | SIGN LEGEND |                            |
|--------|-----------------|-------------|----------------------------|
|        | WORK ZONE       |             | TEMPORARY SIGN             |
|        | PRIORITY WORK   |             | TRAILER MOUNTED SPEED SIGN |
|        | TEMPORARY GRADE |             | DRUMS                      |
|        |                 |             | BARRIER                    |
|        |                 |             | ARROW BOARD                |

Scale:

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

Designed by:

# JACOBS

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date | By           | Date |      |
|----------|-----|------|--------------|------|------|
| Designed | RRP | 7\18 | Checked      | CSM  | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM  | 7\18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

## THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD

### YORK TOLL PLAZA

#### MAINTENANCE OF TRAFFIC PHASE 2 - PLAN 2

SHEET NUMBER: MOT-13

CONTRACT: 2018.20

60 OF 489

Date: 6/30/2018

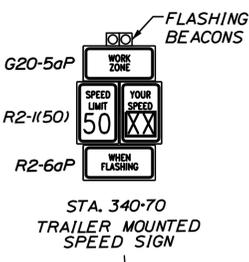
Filename: ...0259637.061.MOTPlan2\_03.dgn

**LEGEND**

- WORK ZONE
- PRIORITY WORK
- TEMPORARY GRADE

**SIGN LEGEND**

- TEMPORARY SIGN
- TRAILER MOUNTED SPEED SIGN
- DRUMS
- BARRIER
- ARROW BOARD

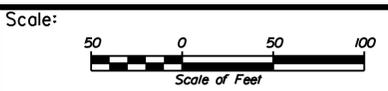
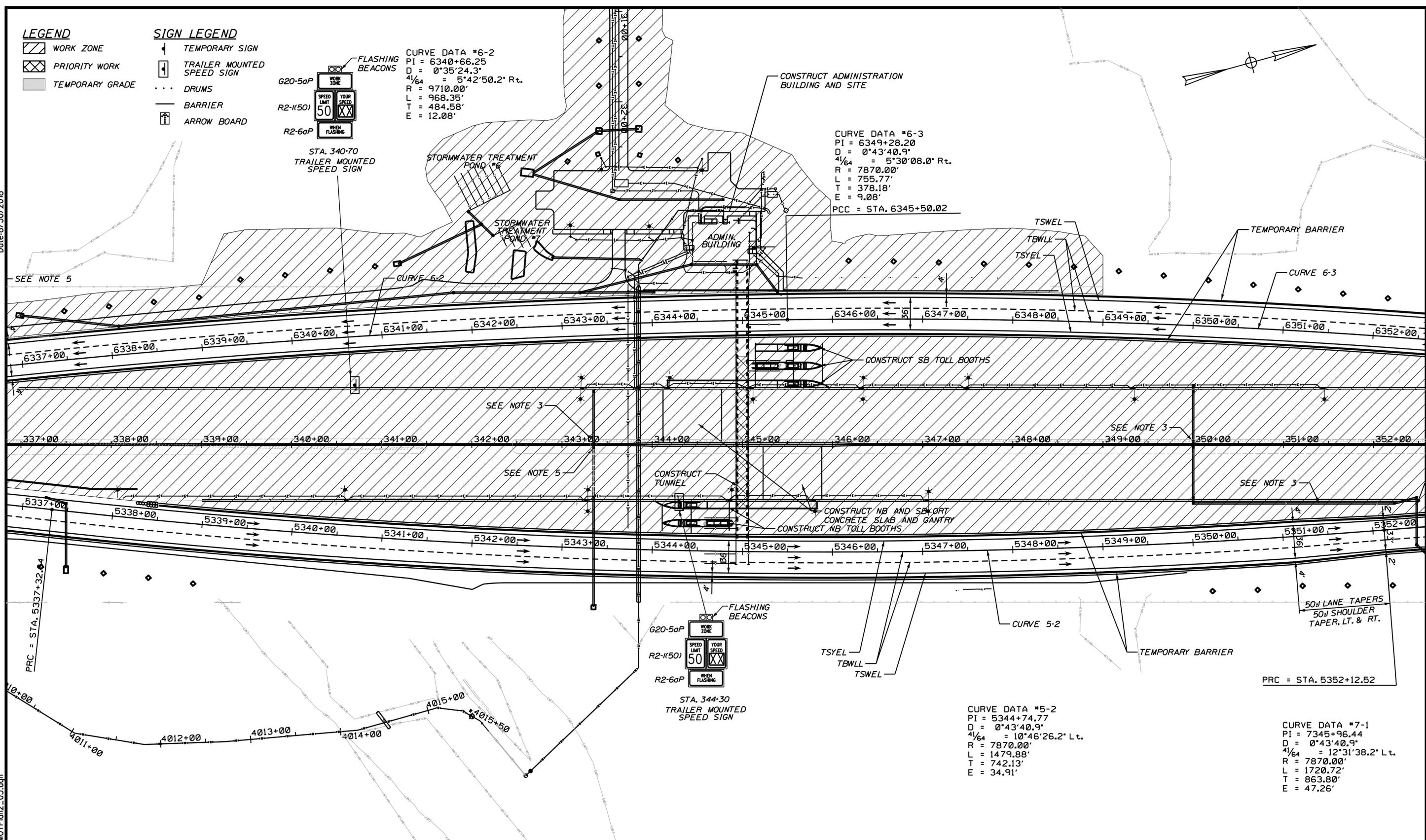


CURVE DATA #6-2  
 PI = 6340+66.25  
 D = 0°35'24.3"  
 $\frac{1}{64} = 5°42'50.2"$  Rt.  
 R = 9710.00'  
 L = 968.35'  
 T = 484.58'  
 E = 12.08'

CURVE DATA #6-3  
 PI = 6349+28.20  
 D = 0°43'40.9"  
 $\frac{1}{64} = 5°30'08.0"$  Rt.  
 R = 7870.00'  
 L = 755.77'  
 T = 378.18'  
 E = 9.08'  
 PCC = STA. 6345+50.02

CURVE DATA #5-2  
 PI = 5344+74.77  
 D = 0°43'40.9"  
 $\frac{1}{64} = 10°46'26.2"$  L t.  
 R = 7870.00'  
 L = 1479.88'  
 T = 742.13'  
 E = 34.91'

CURVE DATA #7-1  
 PI = 7345+96.44  
 D = 0°43'40.9"  
 $\frac{1}{64} = 12°31'38.2"$  L t.  
 R = 7870.00'  
 L = 1720.72'  
 T = 863.80'  
 E = 47.26'



Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | RRP | 7\18 | Checked      | RRP | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

**YORK TOLL PLAZA**

MAINTENANCE OF TRAFFIC  
 PHASE 2 - PLAN 3

SHEET NUMBER: MOT-14  
 CONTRACT: 2018.20  
 61 OF 489

Date: 8/30/2018

Filename: ...00259637.062\_MOTPlan2\_04.dgn

**CURVE DATA #8-1**  
 PI = 8351+18.59  
 D = 0°43'40.9"  
 4/64 = 8°15'52.5" Rt.  
 R = 7870.00'  
 L = 1135.20'  
 T = 568.59'  
 E = 20.51'

**CURVE DATA #6-4**  
 PI = 6356+82.92  
 D = 0°32'44.4"  
 4/64 = 4°06'50.4" Lt.  
 R = 10500.00'  
 L = 753.93'  
 T = 377.13'  
 E = 6.77'

**CURVE DATA #8-2**  
 PI = 8360+52.67  
 D = 1°00'18.7"  
 4/64 = 7°22'38.3" Lt.  
 R = 5700.00'  
 L = 733.92'  
 T = 367.47'  
 E = 11.83'

**CURVE DATA #5-3**  
 PI = 5354+36.93  
 D = 1°00'18.7"  
 4/64 = 4°30'32.5" Rt.  
 R = 5700.00'  
 L = 448.58'  
 T = 224.40'  
 E = 4.42'

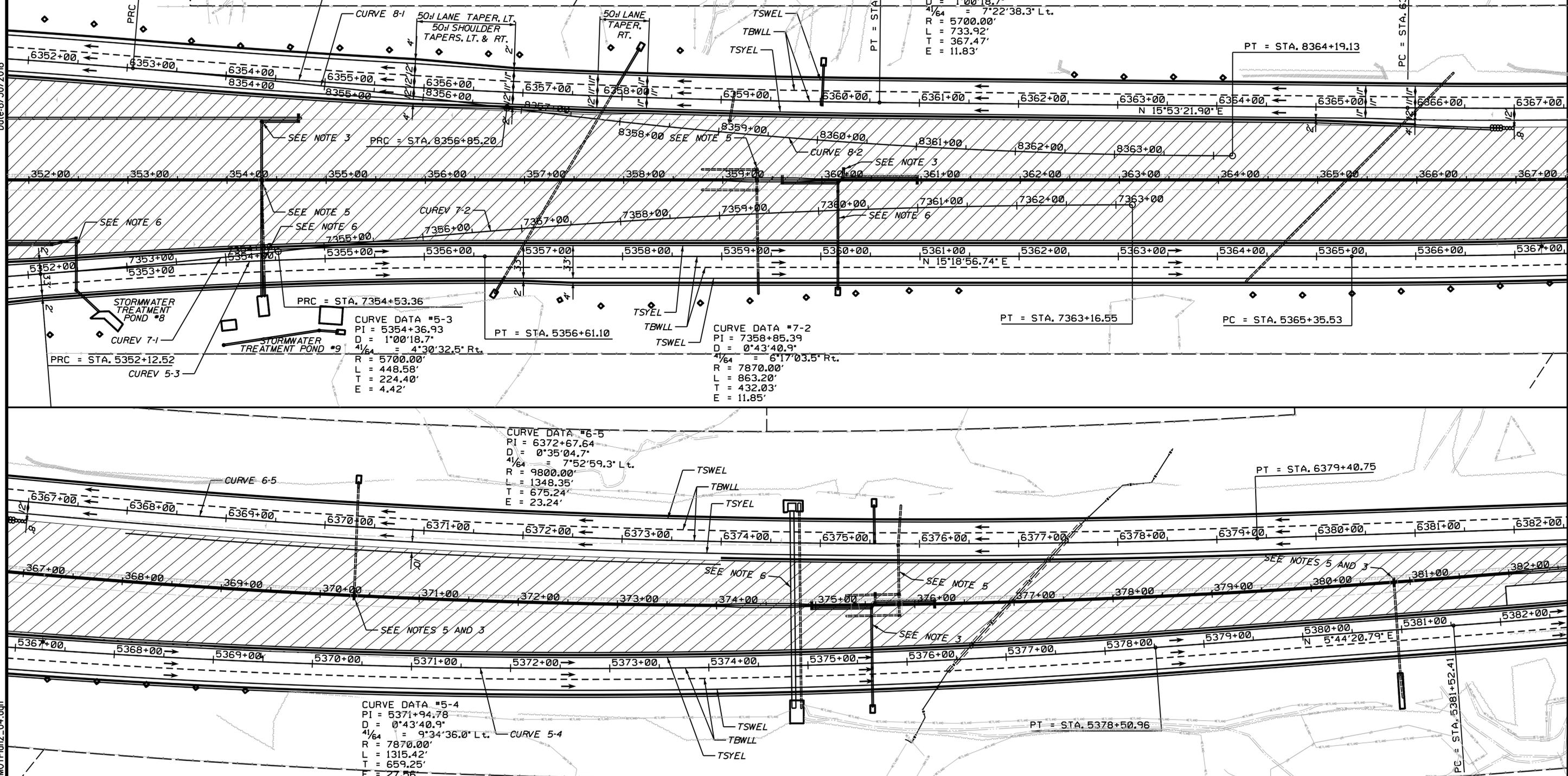
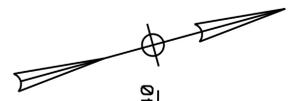
**CURVE DATA #7-2**  
 PI = 7358+85.39  
 D = 0°43'40.9"  
 4/64 = 6°17'03.5" Rt.  
 R = 7870.00'  
 L = 863.20'  
 T = 432.03'  
 E = 11.85'

**CURVE DATA #6-5**  
 PI = 6372+67.64  
 D = 0°35'04.7"  
 4/64 = 7°52'59.3" Lt.  
 R = 9800.00'  
 L = 1348.35'  
 T = 675.24'  
 E = 23.24'

**CURVE DATA #5-4**  
 PI = 5371+94.78  
 D = 0°43'40.9"  
 4/64 = 9°34'36.0" Lt.  
 R = 7870.00'  
 L = 1315.42'  
 T = 659.25'  
 E = 27.55'

**LEGEND**  
 WORK ZONE  
 PRIORITY WORK  
 TEMPORARY GRADE

**SIGN LEGEND**  
 TEMPORARY SIGN  
 TRAILER MOUNTED SPEED SIGN  
 DRUMS  
 BARRIER  
 ARROW BOARD



Scale:

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | RRP | 7\18 | Checked      | CSM | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

MAINE TURNPIKE

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

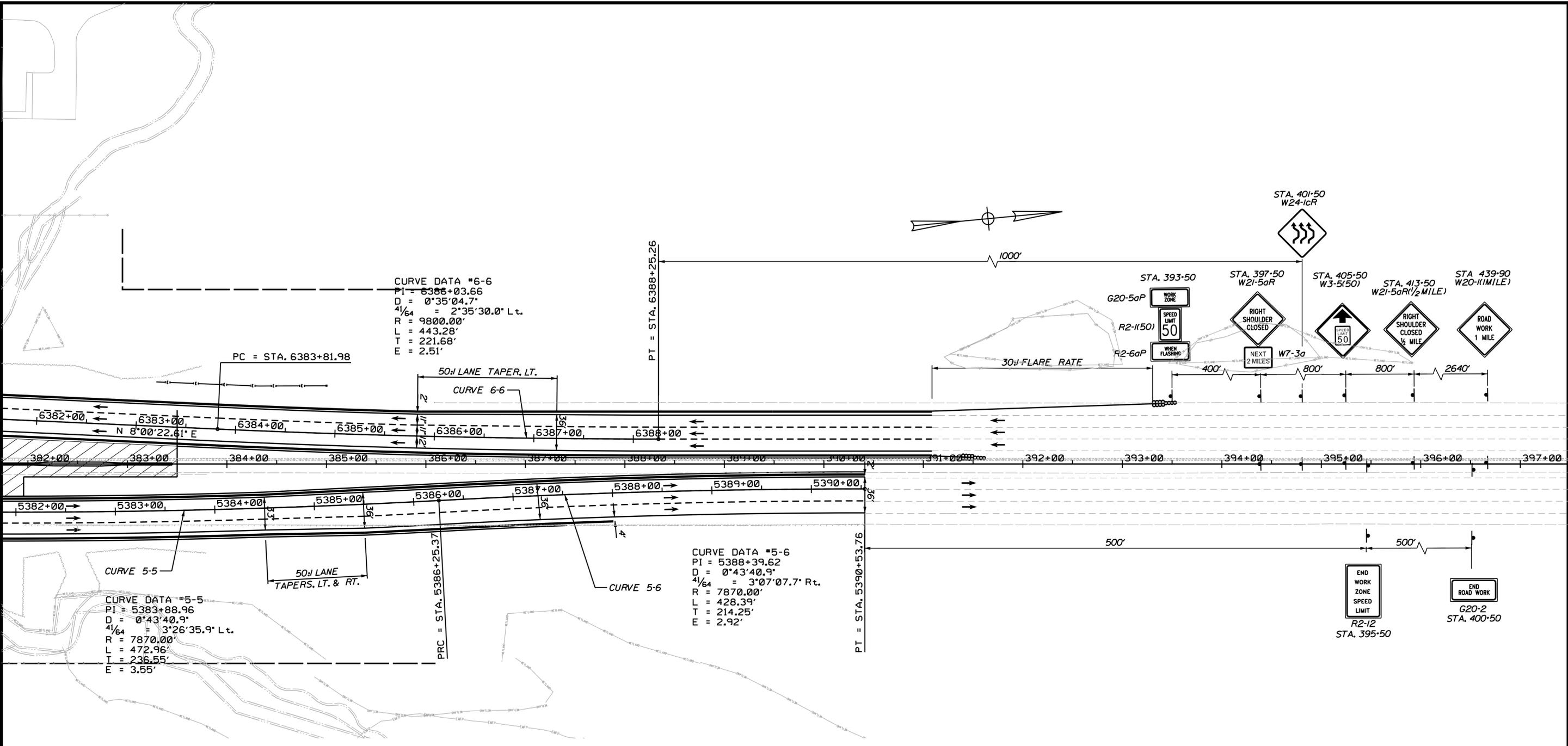
MAINTENANCE OF TRAFFIC  
 PHASE 2 - PLAN 4

SHEET NUMBER: MOT-15

CONTRACT: 2018.20

62 OF 489

Date: 6/30/2018

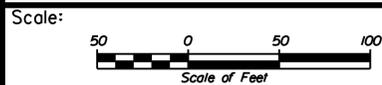


**LEGEND**

- WORK ZONE
- PRIORITY WORK
- TEMPORARY GRADE

**SIGN LEGEND**

- TEMPORARY SIGN
- TRAILER MOUNTED SPEED SIGN
- DRUMS
- BARRIER
- ARROW BOARD



Designed by:



JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824



THE GOLD STAR  
 MEMORIAL HIGHWAY

YORK TOLL PLAZA  
 MAINTENANCE OF TRAFFIC  
 PHASE 2 - PLAN 5

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | RRP | 7\18 | Checked      | CSM | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

MTA PROJECT MANAGER: R. NORWOOD

CONTRACT: 2018.20

SHEET NUMBER: MOT-16

63 OF 489

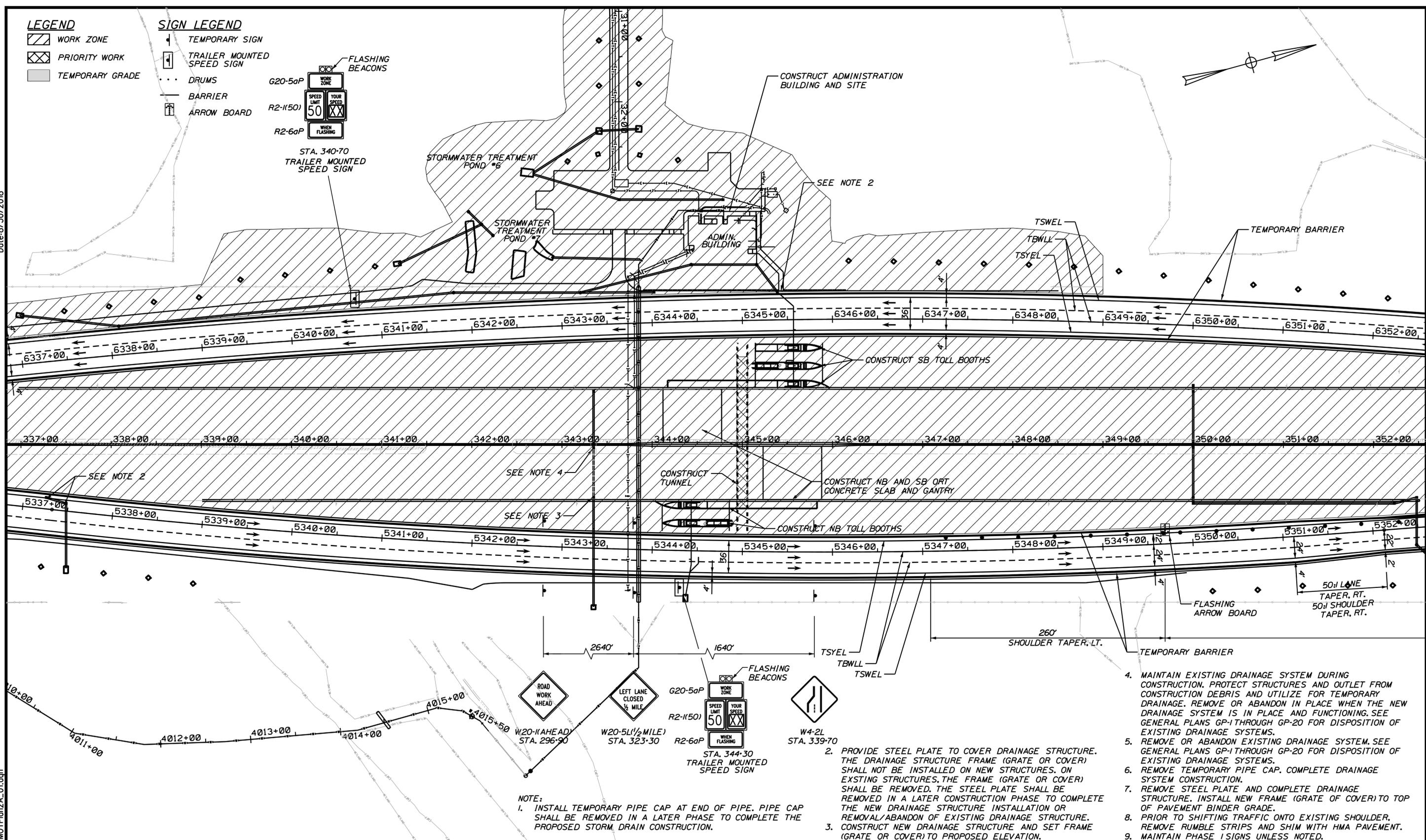
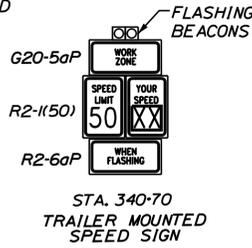
Filename: ...00259637\063\_MOTPlan2\_05.dgn

Date: 6/30/2018

Filename: ...00259637.064\_MOTPlan2A\_01.dgn

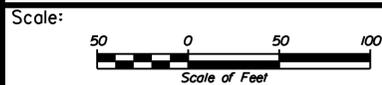
- LEGEND**
- WORK ZONE
  - PRIORITY WORK
  - TEMPORARY GRADE

- SIGN LEGEND**
- TEMPORARY SIGN
  - TRAILER MOUNTED SPEED SIGN
  - DRUMS
  - BARRIER
  - ARROW BOARD



NOTE:  
 1. INSTALL TEMPORARY PIPE CAP AT END OF PIPE. PIPE CAP SHALL BE REMOVED IN A LATER PHASE TO COMPLETE THE PROPOSED STORM DRAIN CONSTRUCTION.

2. PROVIDE STEEL PLATE TO COVER DRAINAGE STRUCTURE. THE DRAINAGE STRUCTURE FRAME (GRATE OR COVER) SHALL NOT BE INSTALLED ON NEW STRUCTURES. ON EXISTING STRUCTURES, THE FRAME (GRATE OR COVER) SHALL BE REMOVED. THE STEEL PLATE SHALL BE REMOVED IN A LATER CONSTRUCTION PHASE TO COMPLETE THE NEW DRAINAGE STRUCTURE INSTALLATION OR REMOVAL/ABANDON OF EXISTING DRAINAGE STRUCTURE.
3. CONSTRUCT NEW DRAINAGE STRUCTURE AND SET FRAME (GRATE OR COVER) TO PROPOSED ELEVATION.
4. MAINTAIN EXISTING DRAINAGE SYSTEM DURING CONSTRUCTION. PROTECT STRUCTURES AND OUTLET FROM CONSTRUCTION DEBRIS AND UTILIZE FOR TEMPORARY DRAINAGE. REMOVE OR ABANDON IN PLACE WHEN THE NEW DRAINAGE SYSTEM IS IN PLACE AND FUNCTIONING. SEE GENERAL PLANS GP-1 THROUGH GP-20 FOR DISPOSITION OF EXISTING DRAINAGE SYSTEMS.
5. REMOVE OR ABANDON EXISTING DRAINAGE SYSTEM. SEE GENERAL PLANS GP-1 THROUGH GP-20 FOR DISPOSITION OF EXISTING DRAINAGE SYSTEMS.
6. REMOVE TEMPORARY PIPE CAP. COMPLETE DRAINAGE SYSTEM CONSTRUCTION.
7. REMOVE STEEL PLATE AND COMPLETE DRAINAGE STRUCTURE. INSTALL NEW FRAME (GRATE OR COVER) TO TOP OF PAVEMENT BINDER GRADE.
8. PRIOR TO SHIFTING TRAFFIC ONTO EXISTING SHOULDER, REMOVE RUMBLE STRIPS AND SHIM WITH HMA PAVEMENT.
9. MAINTAIN PHASE 1 SIGNS UNLESS NOTED.



| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | RRP | 7\18 | Checked      | RRP | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

**YORK TOLL PLAZA**

MAINTENANCE OF TRAFFIC  
 PHASE B - PLAN 1

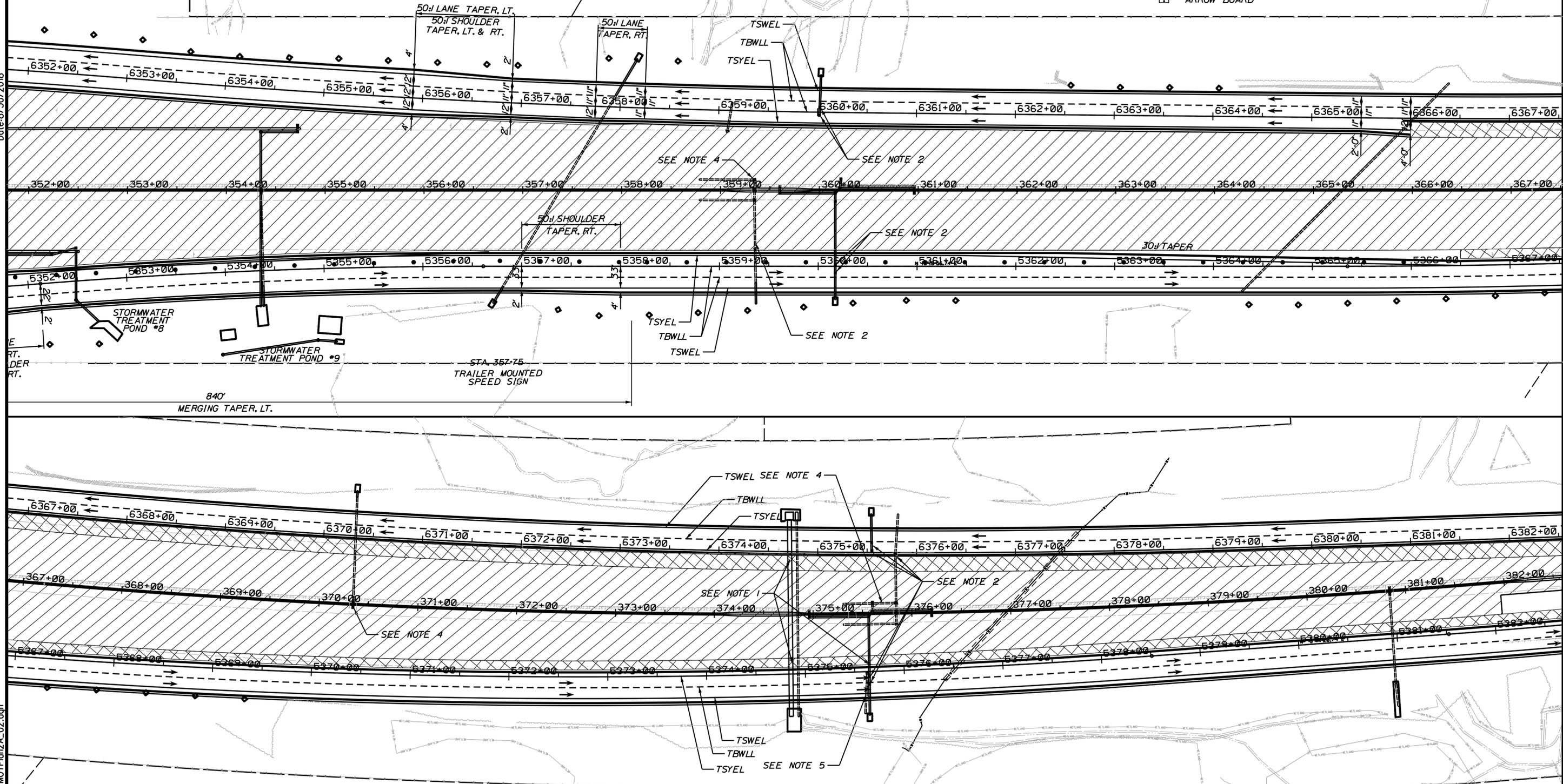
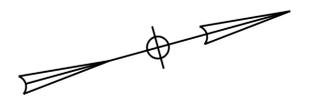
SHEET NUMBER: MOT-17  
 CONTRACT: 2018.20  
 64 OF 489

Date: 8/30/2018

Filename: ...00259637\_065\_MOTPlan2A\_02.dgn

- LEGEND**
- WORK ZONE
  - PRIORITY WORK
  - TEMPORARY GRADE

- SIGN LEGEND**
- TEMPORARY SIGN
  - TRAILER MOUNTED SPEED SIGN
  - DRUMS
  - BARRIER
  - ARROW BOARD



Scale:

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

Designed by:

# JACOBS

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | RRP | 7\18 | Checked      | CSM | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

**THE GOLD STAR MEMORIAL HIGHWAY**

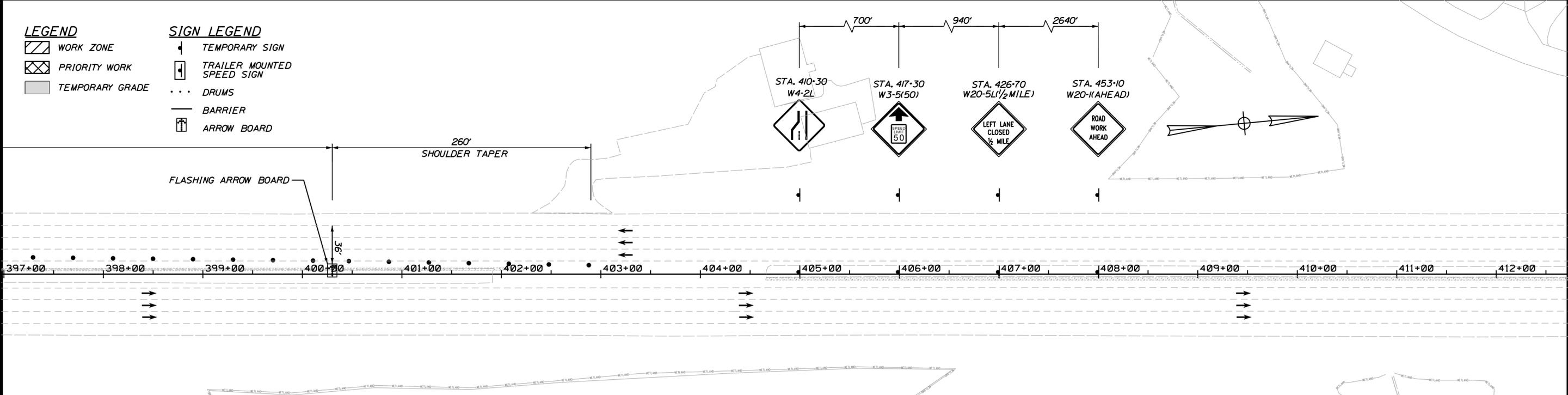
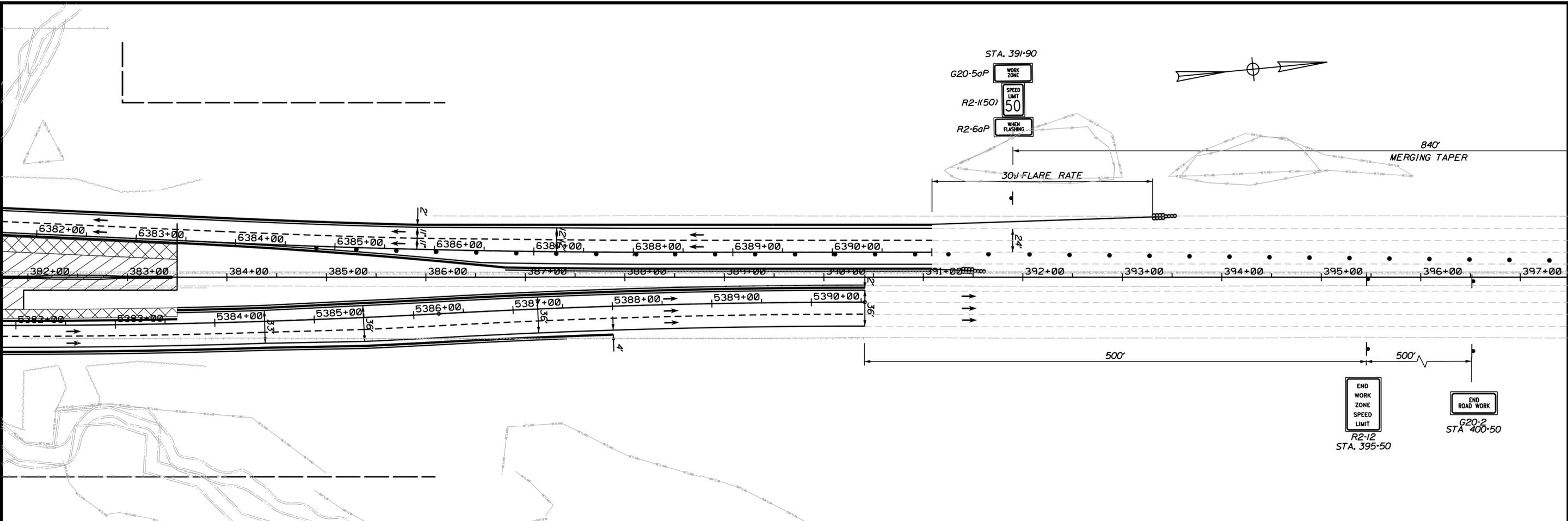
MTA PROJECT MANAGER: R. NORWOOD

**YORK TOLL PLAZA**

MAINTENANCE OF TRAFFIC  
 PHASE B - PLAN 2

SHEET NUMBER: MOT-18  
 CONTRACT: 2018.20  
 65 OF 489

Date: 8/30/2018

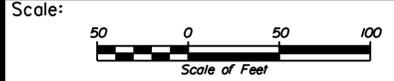


**LEGEND**

- WORK ZONE
- PRIORITY WORK
- TEMPORARY GRADE

**SIGN LEGEND**

- TEMPORARY SIGN
- TRAILER MOUNTED SPEED SIGN
- DRUMS
- BARRIER
- ARROW BOARD



Designed by:



JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824



THE GOLD STAR  
 MEMORIAL HIGHWAY

YORK TOLL PLAZA  
 MAINTENANCE OF TRAFFIC  
 PHASE B - PLAN 3

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |

| CONSULTANT PROJECT MANAGER: T. MORIN |     |      |              |     |      |
|--------------------------------------|-----|------|--------------|-----|------|
|                                      | By  | Date |              | By  | Date |
| Designed                             | RRP | 7\18 | Checked      | CSM | 7\18 |
| Drawn                                | AMS | 7\18 | In Charge of | TWM | 7\18 |

MTA PROJECT MANAGER: R. NORWOOD

CONTRACT: 2018.20

SHEET NUMBER: MOT-19

66 OF 489

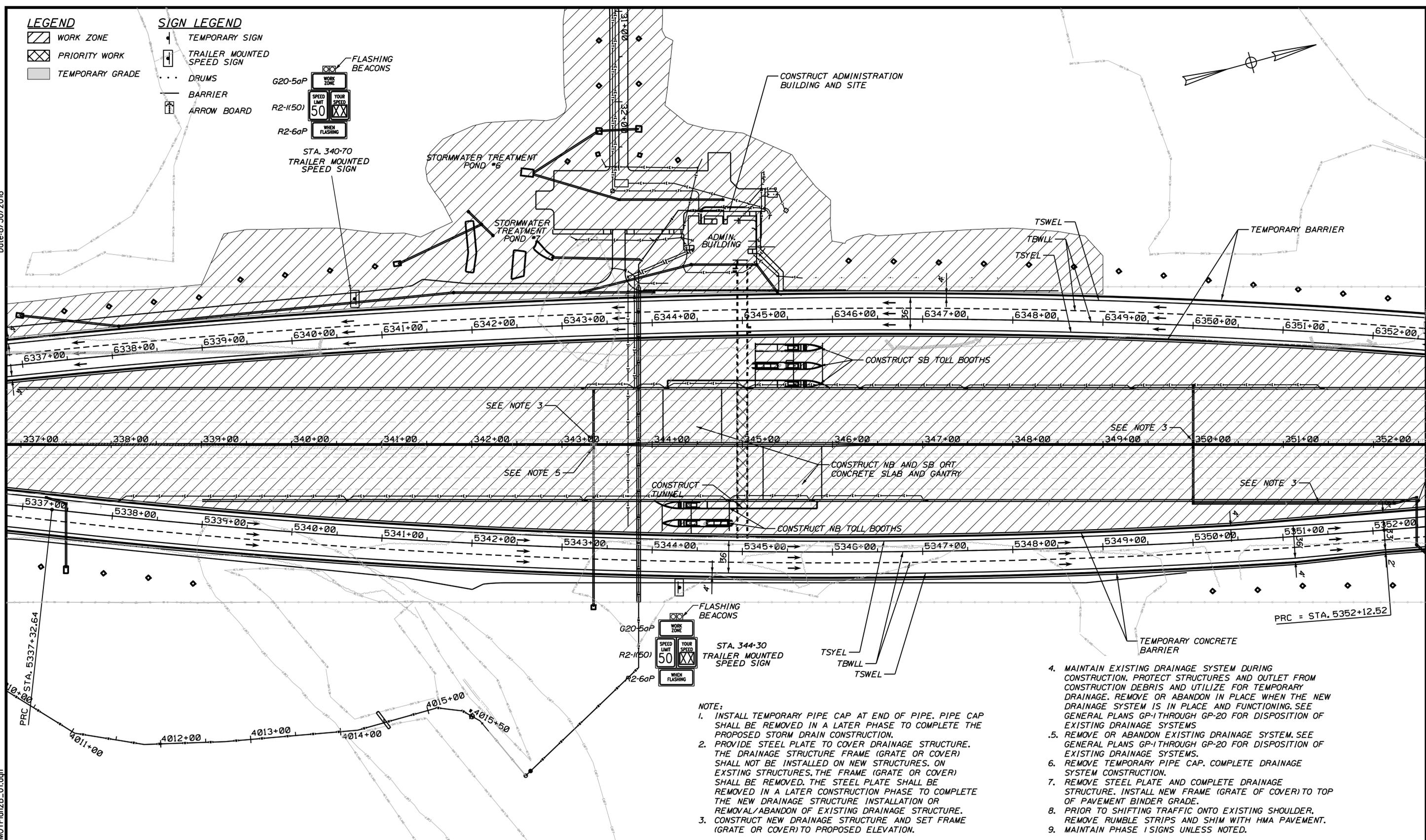
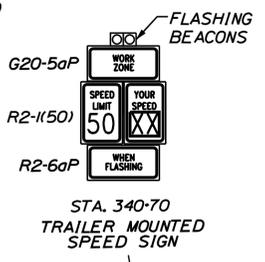
Filename: ...00259637.066\_MOTPlan2A\_03.dgn

Date: 6/30/2018

Filename: ...00259637.067\_MOTPlan2B\_01.dgn

- LEGEND**
- WORK ZONE
  - PRIORITY WORK
  - TEMPORARY GRADE

- SIGN LEGEND**
- TEMPORARY SIGN
  - TRAILER MOUNTED SPEED SIGN
  - DRUMS
  - BARRIER
  - ARROW BOARD



- NOTE:**
1. INSTALL TEMPORARY PIPE CAP AT END OF PIPE. PIPE CAP SHALL BE REMOVED IN A LATER PHASE TO COMPLETE THE PROPOSED STORM DRAIN CONSTRUCTION.
  2. PROVIDE STEEL PLATE TO COVER DRAINAGE STRUCTURE. THE DRAINAGE STRUCTURE FRAME (GRATE OR COVER) SHALL NOT BE INSTALLED ON NEW STRUCTURES. ON EXISTING STRUCTURES, THE FRAME (GRATE OR COVER) SHALL BE REMOVED. THE STEEL PLATE SHALL BE REMOVED IN A LATER CONSTRUCTION PHASE TO COMPLETE THE NEW DRAINAGE STRUCTURE INSTALLATION OR REMOVAL/ABANDON OF EXISTING DRAINAGE STRUCTURE.
  3. CONSTRUCT NEW DRAINAGE STRUCTURE AND SET FRAME (GRATE OR COVER) TO PROPOSED ELEVATION.

4. MAINTAIN EXISTING DRAINAGE SYSTEM DURING CONSTRUCTION. PROTECT STRUCTURES AND OUTLET FROM CONSTRUCTION DEBRIS AND UTILIZE FOR TEMPORARY DRAINAGE. REMOVE OR ABANDON IN PLACE WHEN THE NEW DRAINAGE SYSTEM IS IN PLACE AND FUNCTIONING. SEE GENERAL PLANS GP-1 THROUGH GP-20 FOR DISPOSITION OF EXISTING DRAINAGE SYSTEMS.
5. REMOVE OR ABANDON EXISTING DRAINAGE SYSTEM. SEE GENERAL PLANS GP-1 THROUGH GP-20 FOR DISPOSITION OF EXISTING DRAINAGE SYSTEMS.
6. REMOVE TEMPORARY PIPE CAP. COMPLETE DRAINAGE SYSTEM CONSTRUCTION.
7. REMOVE STEEL PLATE AND COMPLETE DRAINAGE STRUCTURE. INSTALL NEW FRAME (GRATE OR COVER) TO TOP OF PAVEMENT BINDER GRADE.
8. PRIOR TO SHIFTING TRAFFIC ONTO EXISTING SHOULDER, REMOVE RUMBLE STRIPS AND SHIM WITH HMA PAVEMENT.
9. MAINTAIN PHASE 1 SIGNS UNLESS NOTED.

Scale:

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | RRP | 7\18 | Checked      | RRP | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

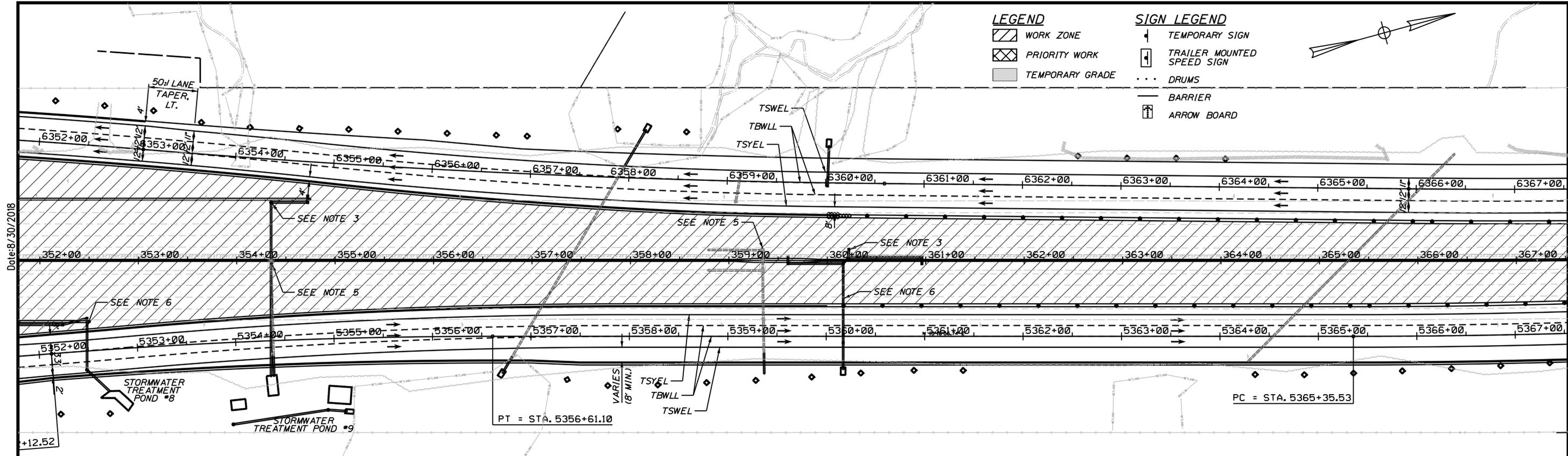
**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

**YORK TOLL PLAZA**

MAINTENANCE OF TRAFFIC  
 PHASE C - PLAN 1

SHEET NUMBER: MOT-20  
 CONTRACT: 2018.20  
 67 OF 489

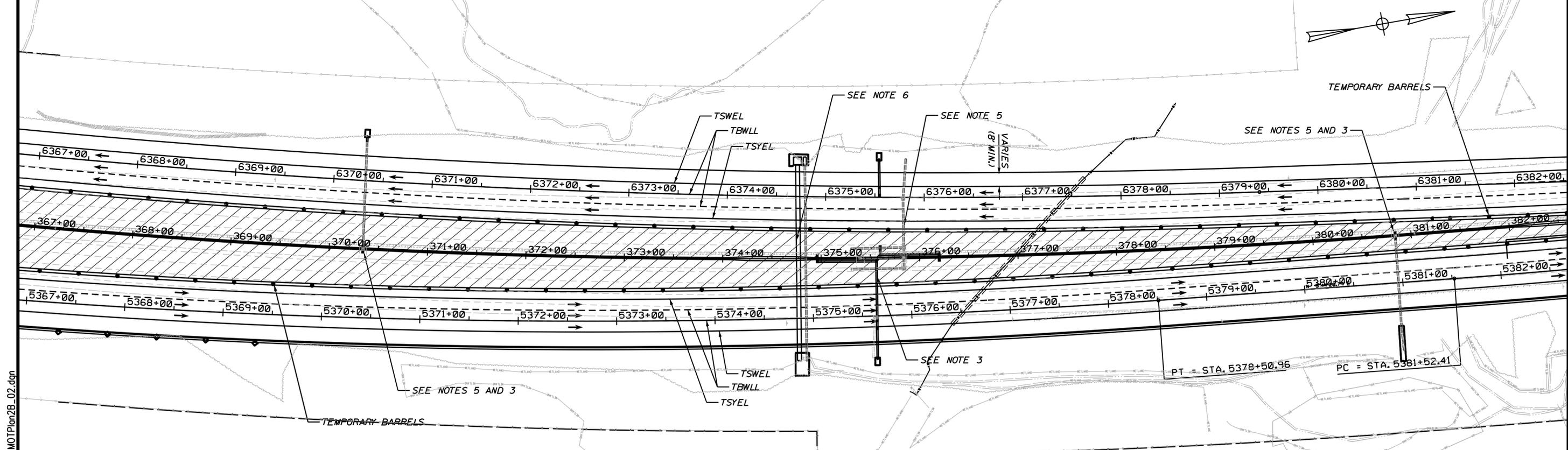
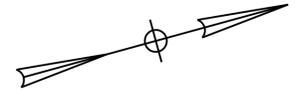


**LEGEND**

- WORK ZONE
- PRIORITY WORK
- TEMPORARY GRADE

**SIGN LEGEND**

- TEMPORARY SIGN
- TRAILER MOUNTED SPEED SIGN
- DRUMS
- BARRIER
- ARROW BOARD



Scale:

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | RRP | 7\18 | Checked      | CSM | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

MAINE TURNPIKE

**THE GOLD STAR MEMORIAL HIGHWAY**

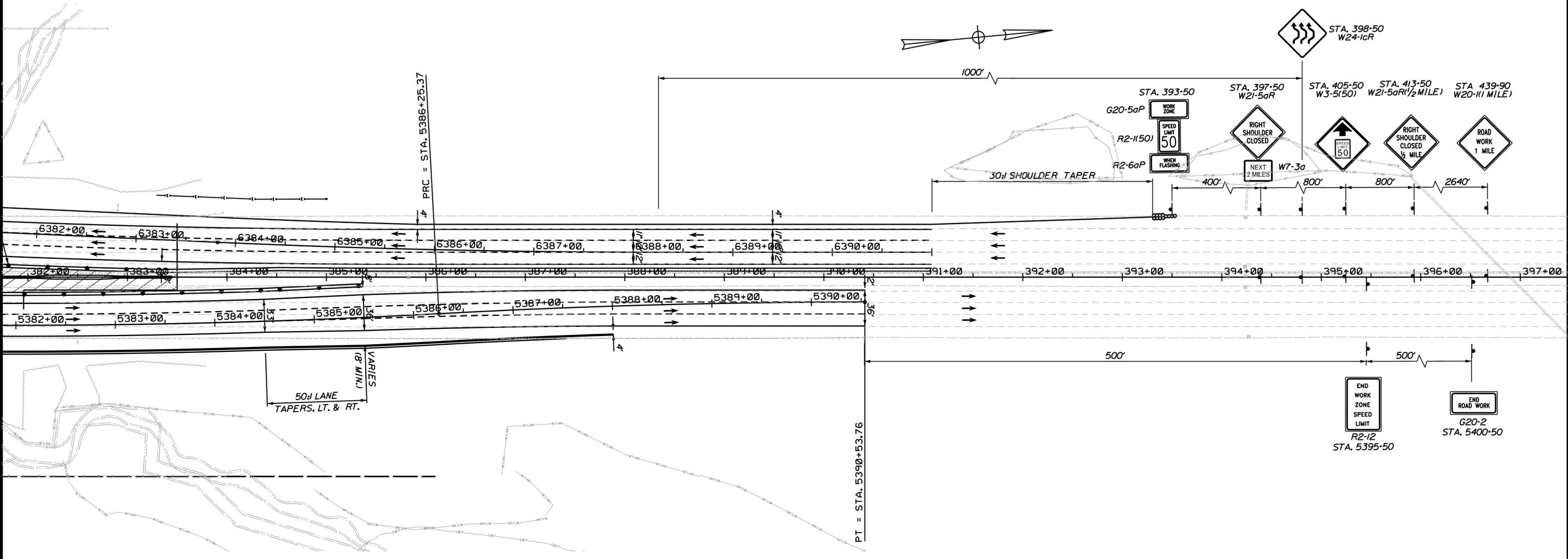
MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
 MAINTENANCE OF TRAFFIC  
 PHASE C - PLAN 2

SHEET NUMBER: MOT-21  
 CONTRACT: 2018.20  
 68 OF 489

Date: 6/30/2018  
 Filename: ...00259637.068\_MOTPlan2B\_02.dgn

Date: 6/30/2018

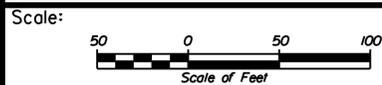


**LEGEND**

- WORK ZONE
- PRIORITY WORK
- TEMPORARY GRADE

**SIGN LEGEND**

- TEMPORARY SIGN
- TRAILER MOUNTED SPEED SIGN
- DRUMS
- BARRIER
- ARROW BOARD



Designed by:



JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824



THE GOLD STAR  
MEMORIAL HIGHWAY

YORK TOLL PLAZA  
MAINTENANCE OF TRAFFIC  
PHASE C - PLAN 3

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |

| CONSULTANT PROJECT MANAGER: T. MORIN |     |      |              |     |      |
|--------------------------------------|-----|------|--------------|-----|------|
|                                      | By  | Date |              | By  | Date |
| Designed                             | RRP | 7\18 | Checked      | CSM | 7\18 |
| Drawn                                | AMS | 7\18 | In Charge of | TWM | 7\18 |

MTA PROJECT MANAGER: R. NORWOOD

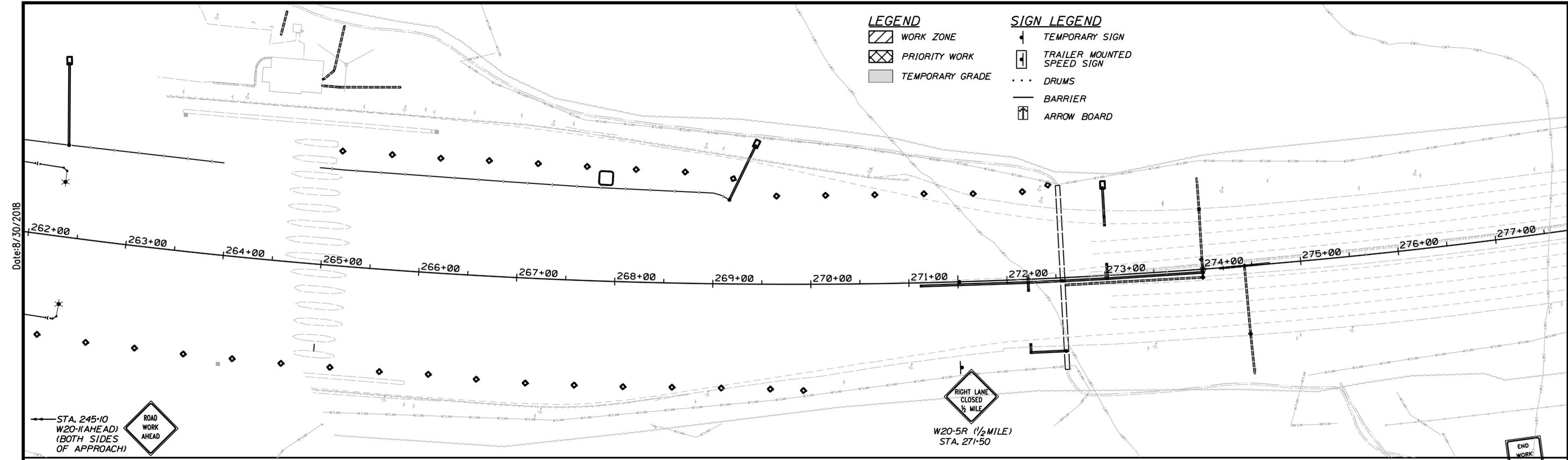
CONTRACT: 2018.20

SHEET NUMBER: MOT-22

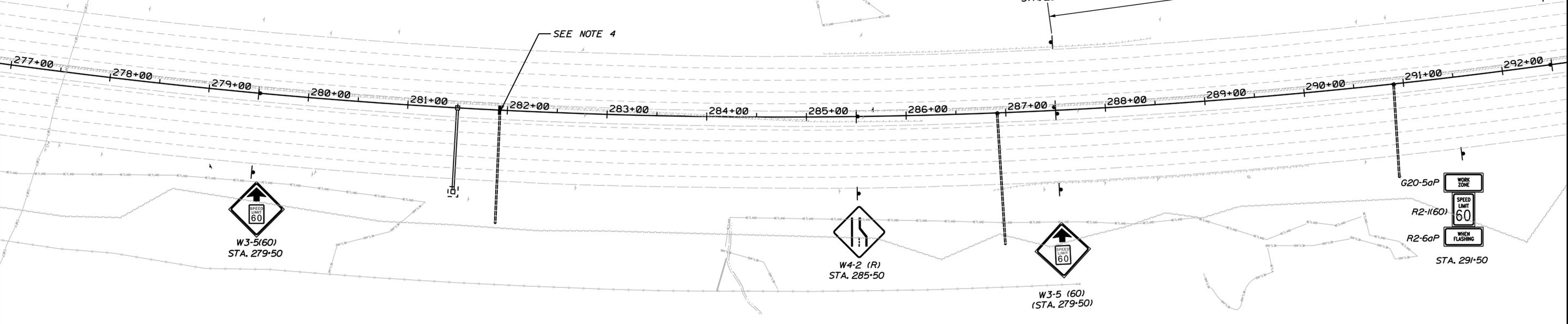
69 OF 489

Filename: ...00259637\069\_MOTPlan2B\_03.dgn

- LEGEND**
- WORK ZONE
  - PRIORITY WORK
  - TEMPORARY GRADE
- SIGN LEGEND**
- TEMPORARY SIGN
  - TRAILER MOUNTED SPEED SIGN
  - DRUMS
  - BARRIER
  - ARROW BOARD



- NOTE:**
1. INSTALL TEMPORARY PIPE CAP AT END OF PIPE. PIPE CAP SHALL BE REMOVED IN A LATER PHASE TO COMPLETE THE PROPOSED STORM DRAIN CONSTRUCTION.
  2. PROVIDE STEEL PLATE TO COVER DRAINAGE STRUCTURE. THE DRAINAGE STRUCTURE FRAME (GRATE OR COVER) SHALL NOT BE INSTALLED ON NEW STRUCTURES. ON EXSTING STRUCTURES, THE FRAME (GRATE OR COVER) SHALL BE REMOVED. THE STEEL PLATE SHALL BE REMOVED IN A LATER CONSTRUCTION PHASE TO COMPLETE THE NEW DRAINAGE STRUCTURE INSTALLATION OR REMOVAL/ABANDON OF EXISTING DRAINAGE STRUCTURE.
  3. CONSTRUCT NEW DRAINAGE STRUCTURE AND SET FRAME (GRATE OR COVER) TO PROPOSED ELEVATION.
  4. MAINTAIN EXISTING DRAINAGE SYSTEM DURING CONSTRUCTION. PROTECT STRUCTURES AND OUTLET FROM CONSTRUCTION DEBRIS AND UTILIZE FOR TEMPORARY DRAINAGE. REMOVE OR ABANDON IN PLACE WHEN THE NEW DRAINAGE SYSTEM IS IN PLACE AND FUNCTIONING. SEE GENERAL PLANS GP-1 THROUGH GP-20 FOR DISPOSITION OF EXISTING DRAINAGE SYSTEMS.
  5. REMOVE OR ABANDON EXISTING DRAINAGE SYSTEM. SEE GENERAL PLANS GP-1 THROUGH GP-20 FOR DISPOSITION OF EXISTING DRAINAGE SYSTEMS.
  6. REMOVE TEMPORARY PIPE CAP. COMPLETE DRAINAGE SYSTEM CONSTRUCTION.
  7. REMOVE STEEL PLATE AND COMPLETE DRAINAGE STRUCTURE. INSTALL NEW FRAME (GRATE OR COVER) TO TOP OF PAVEMENT BINDER GRADE.
  8. PRIOR TO SHIFTING TRAFFIC ONTO EXISTING SHOULDER, REMOVE RUMBLE STRIPS AND SHIM WITH HMA PAVEMENT.
  9. MAINTAIN PHASE 1 SIGNS UNLESS NOTED.



Scale:

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | RRP | 7\18 | Checked      | CSM | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

**YORK TOLL PLAZA**  
 MAINTENANCE OF TRAFFIC  
 PHASE 3 - PLAN 1

SHEET NUMBER: MOT-23  
 70 OF 489

CONTRACT: 2018.20

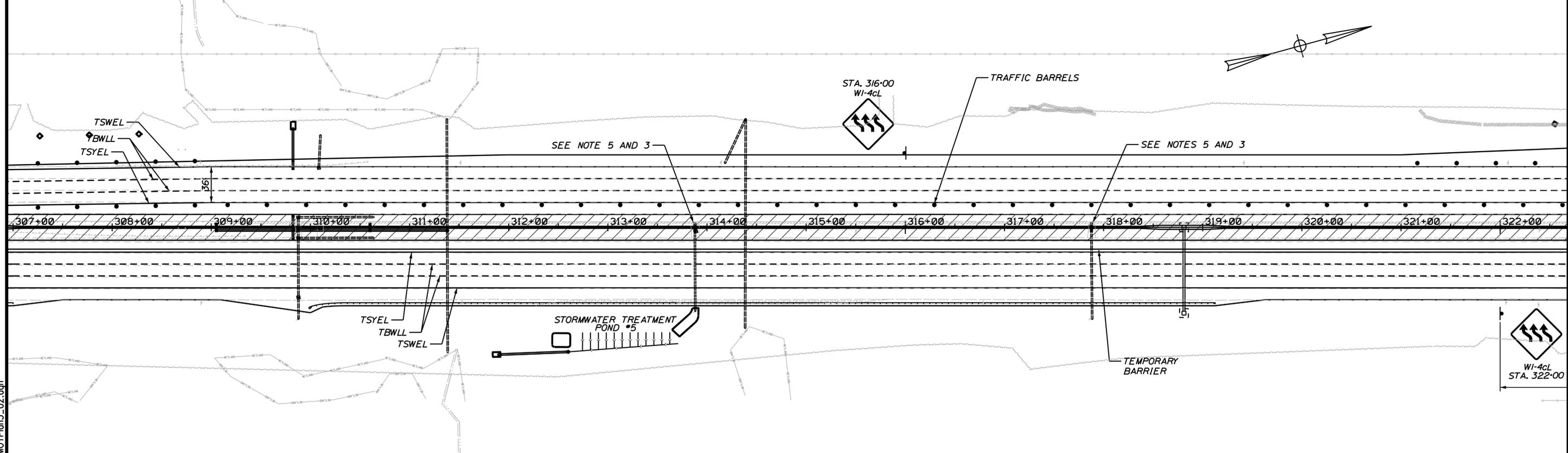
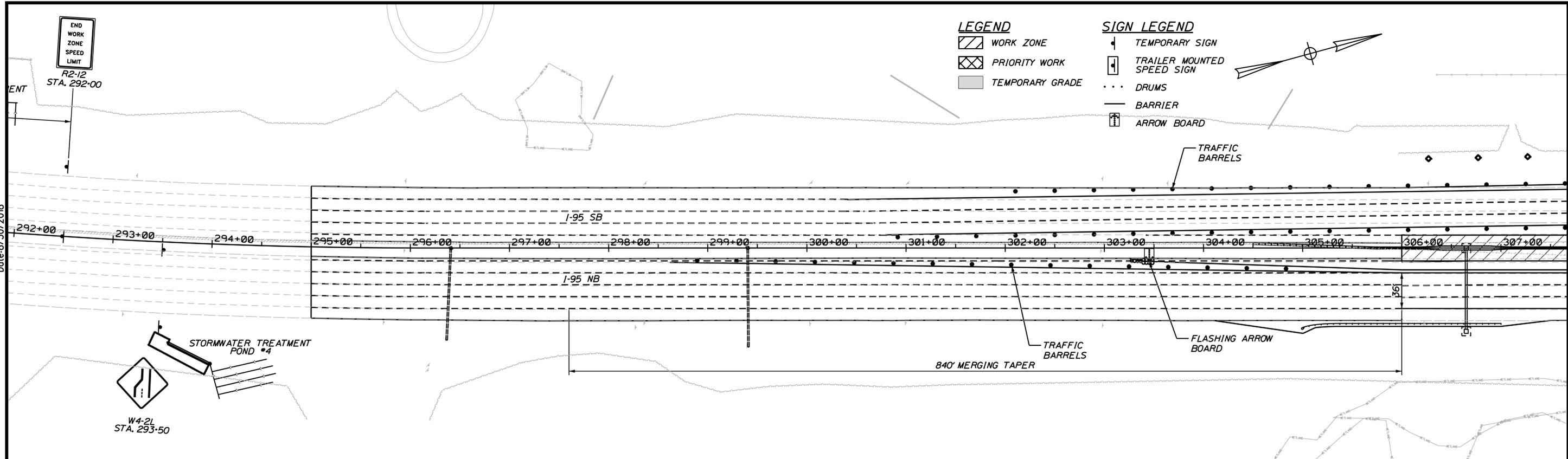
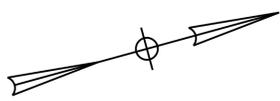
Date: 8/30/2018  
 Filename: ...00259637\070\_MOTPlan3\_01.dgn

Date: 8/30/2018

Filename: ...00259637.071.MOTPlan3\_02.dgn

- LEGEND**
- WORK ZONE
  - PRIORITY WORK
  - TEMPORARY GRADE

- SIGN LEGEND**
- TEMPORARY SIGN
  - TRAILER MOUNTED SPEED SIGN
  - DRUMS
  - BARRIER
  - ARROW BOARD



Scale:

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | RRP | 7\18 | Checked      | CSM | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

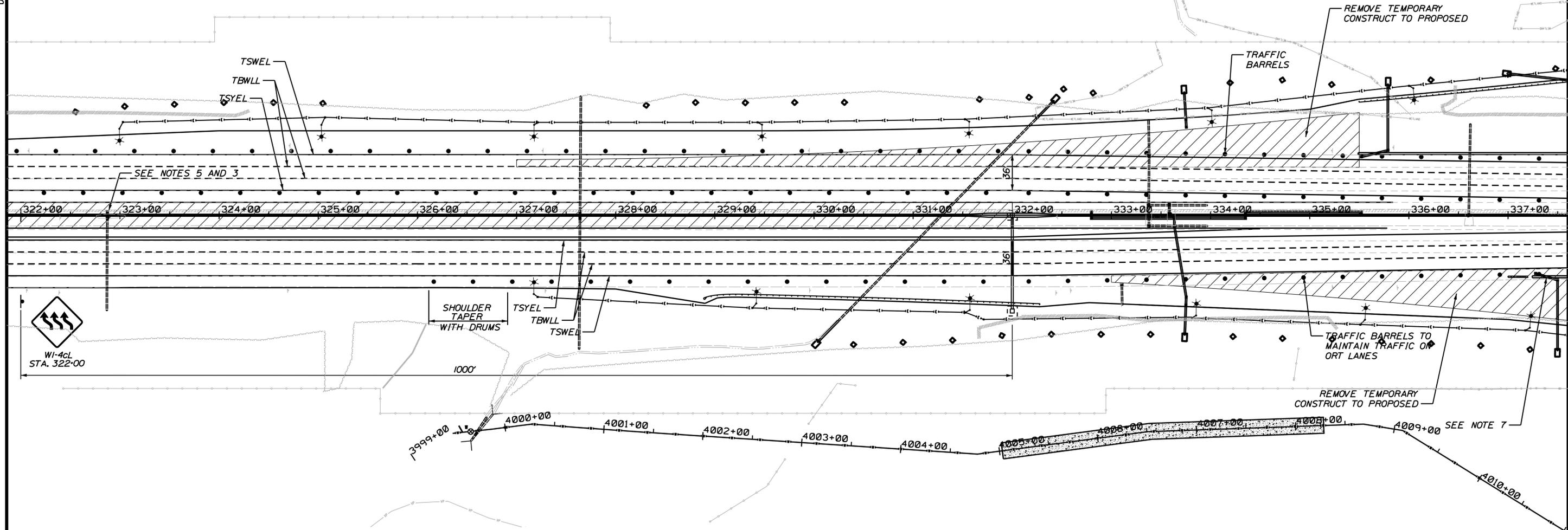
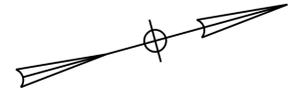
MAINTENANCE OF TRAFFIC  
 PHASE 3 - PLAN 2

SHEET NUMBER: MOT-24

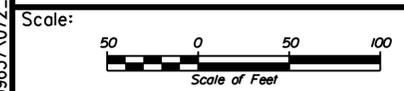
CONTRACT: 2018.20

71 OF 489

Date: 8/30/2018



- LEGEND**
- WORK ZONE
  - PRIORITY WORK
  - TEMPORARY GRADE
- SIGN LEGEND**
- TEMPORARY SIGN
  - TRAILER MOUNTED SPEED SIGN
  - DRUMS
  - BARRIER
  - ARROW BOARD



Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | RRP | 7\18 | Checked      | CSM | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

**THE GOLD STAR  
 MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
 MAINTENANCE OF TRAFFIC  
 PHASE 3 - PLAN 3

SHEET NUMBER: MOT-25  
 CONTRACT: 2018.20  
 72 OF 489

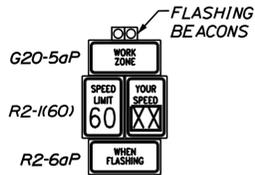
Filename: ...00259637\072\_MOTPlan3\_03.dgn

**LEGEND**

-  WORK ZONE
-  PRIORITY WORK
-  TEMPORARY GRADE

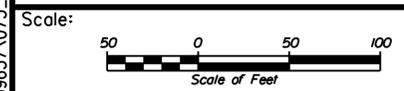
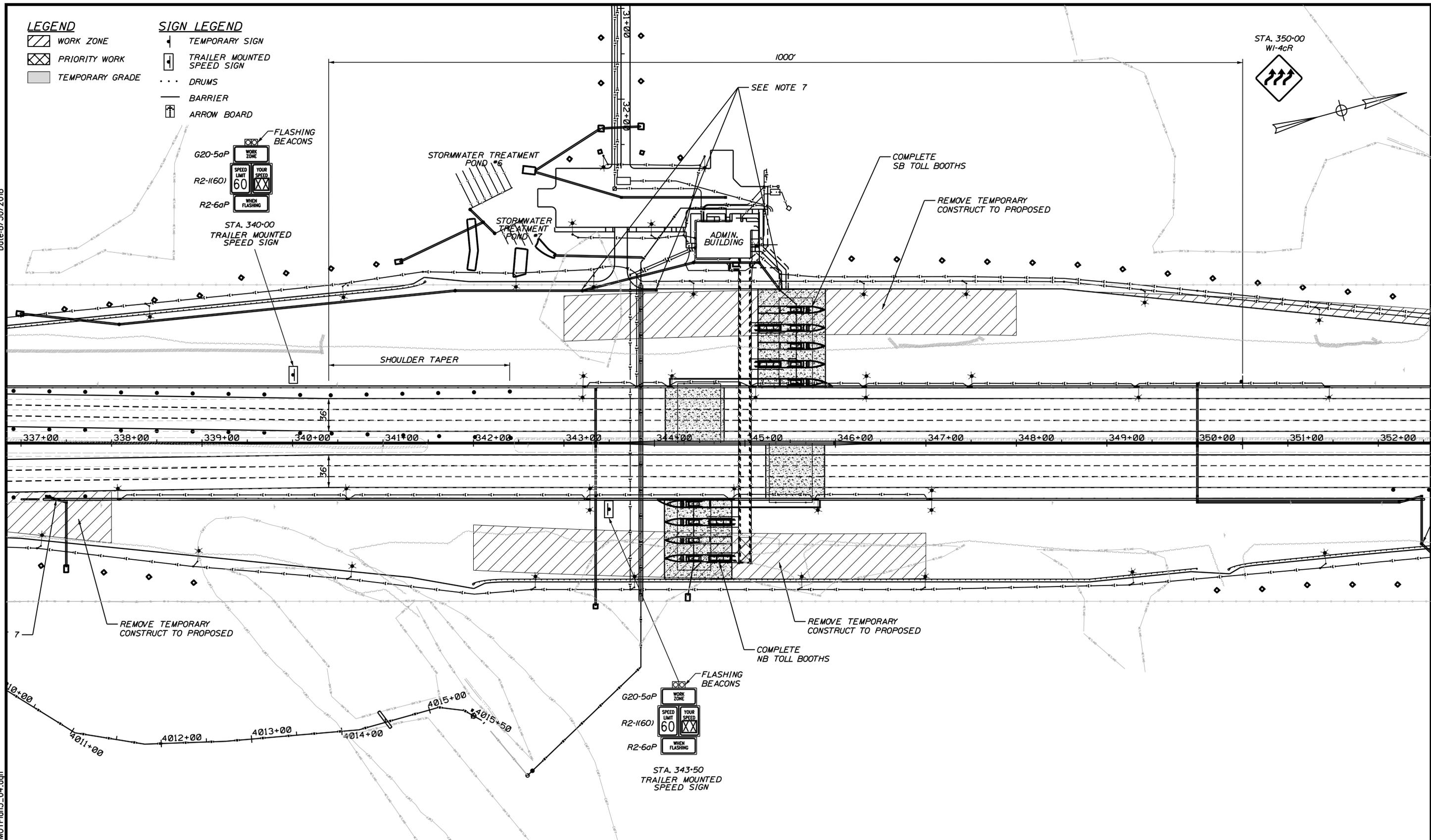
**SIGN LEGEND**

-  TEMPORARY SIGN
-  TRAILER MOUNTED SPEED SIGN
-  DRUMS
-  BARRIER
-  ARROW BOARD



STA. 340+00  
TRAILER MOUNTED  
SPEED SIGN

Date: 6/30/2018



Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | RRP | 7\18 | Checked      | CSM | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
MAINTENANCE OF TRAFFIC  
PHASE 3 - PLAN 4

SHEET NUMBER: MOT-26  
73 OF 489

CONTRACT: 2018.20

Filename: ...0259637\073\_MOTPlan3\_04.dgn

Date: 8/30/2018

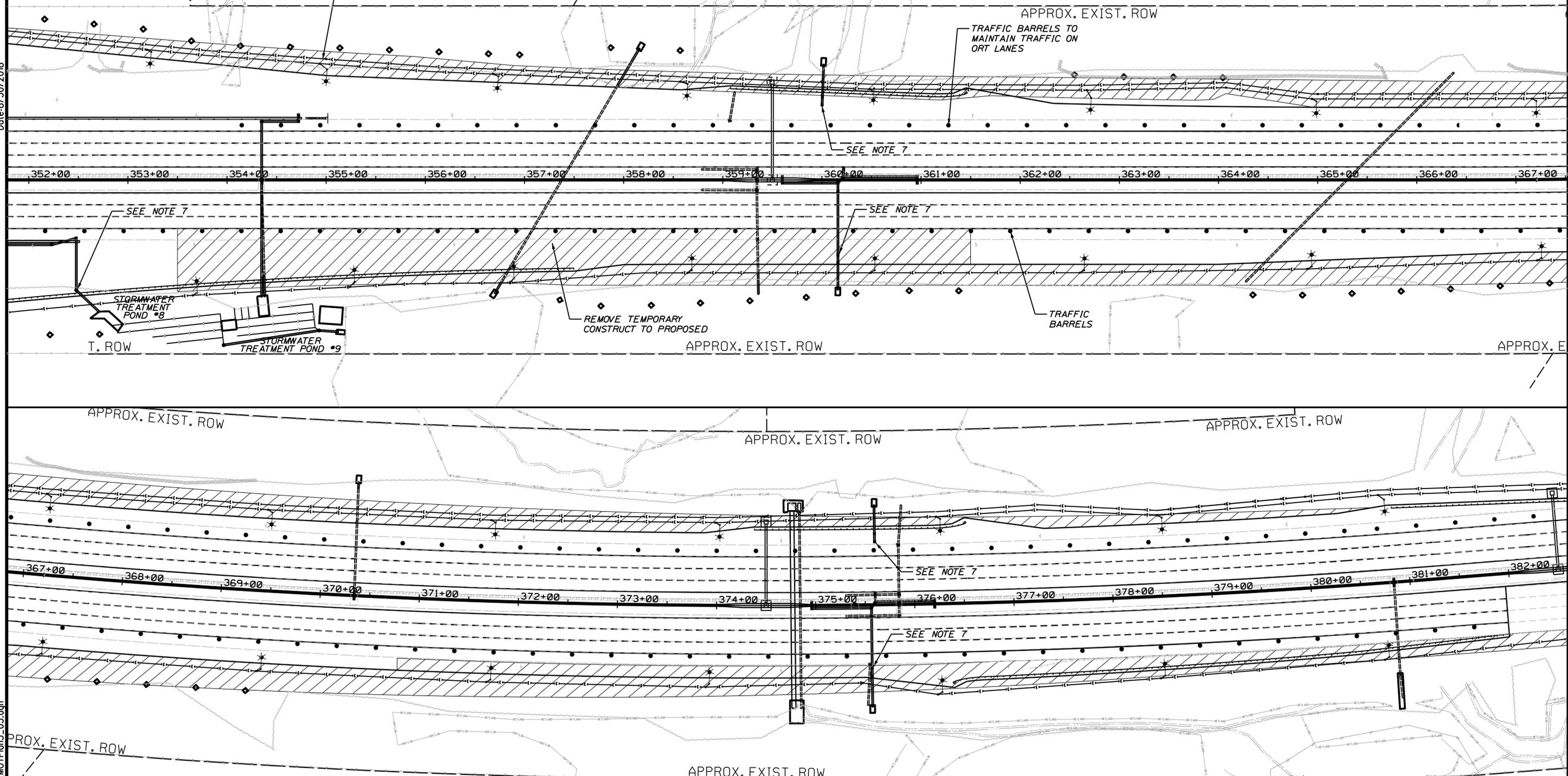
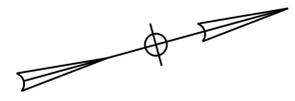
Filename: ...00259637\074\_MOTPlan3\_05.dgn

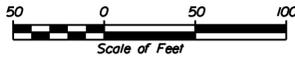
**LEGEND**

-  WORK ZONE
-  PRIORITY WORK
-  TEMPORARY GRADE

**SIGN LEGEND**

-  TEMPORARY SIGN
-  TRAILER MOUNTED SPEED SIGN
-  DRUMS
-  BARRIER
-  ARROW BOARD



Scale: 

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | RRP | 7\18 | Checked      | CSM | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824



**THE GOLD STAR  
 MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

**YORK TOLL PLAZA**

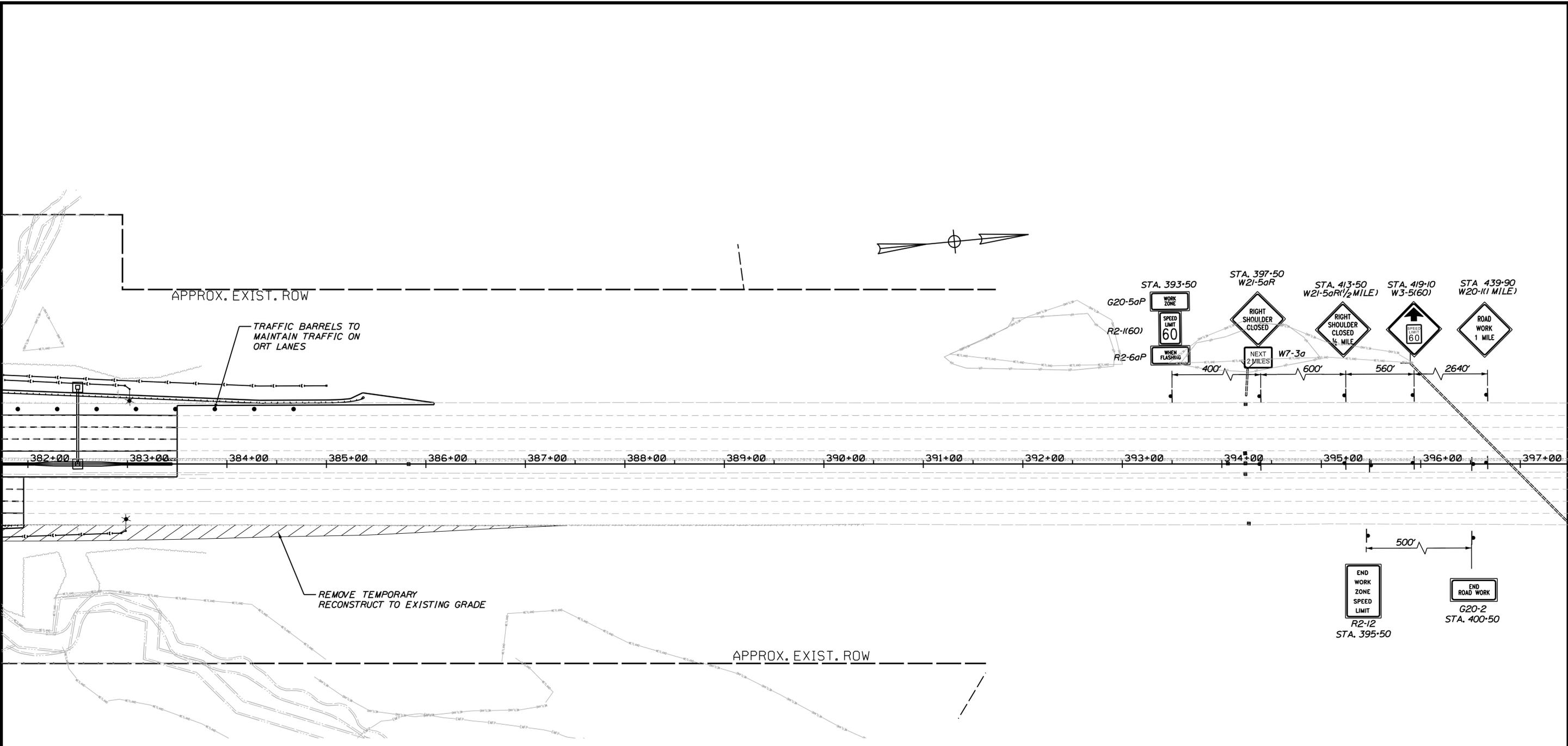
MAINTENANCE OF TRAFFIC  
 PHASE 3 - PLAN 5

SHEET NUMBER: MOT-27

CONTRACT: 2018.20

74 OF 489

Date: 6/30/2018

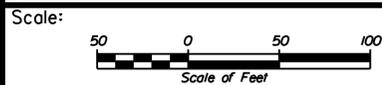


**LEGEND**

- WORK ZONE
- PRIORITY WORK
- TEMPORARY GRADE

**SIGN LEGEND**

- TEMPORARY SIGN
- TRAILER MOUNTED SPEED SIGN
- DRUMS
- BARRIER
- ARROW BOARD



Designed by:



JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824



THE GOLD STAR  
MEMORIAL HIGHWAY

YORK TOLL PLAZA  
MAINTENANCE OF TRAFFIC  
PHASE 3 - PLAN 6

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |

| CONSULTANT PROJECT MANAGER: T. MORIN |     |      |              |     |      |
|--------------------------------------|-----|------|--------------|-----|------|
|                                      | By  | Date |              | By  | Date |
| Designed                             | RRP | 7\18 | Checked      | CSM | 7\18 |
| Drawn                                | AMS | 7\18 | In Charge of | TWM | 7\18 |

MTA PROJECT MANAGER: R. NORWOOD

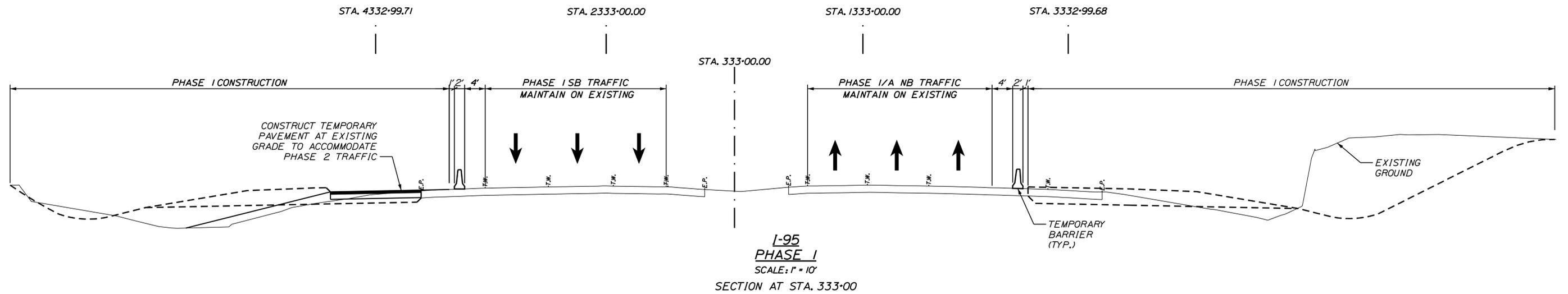
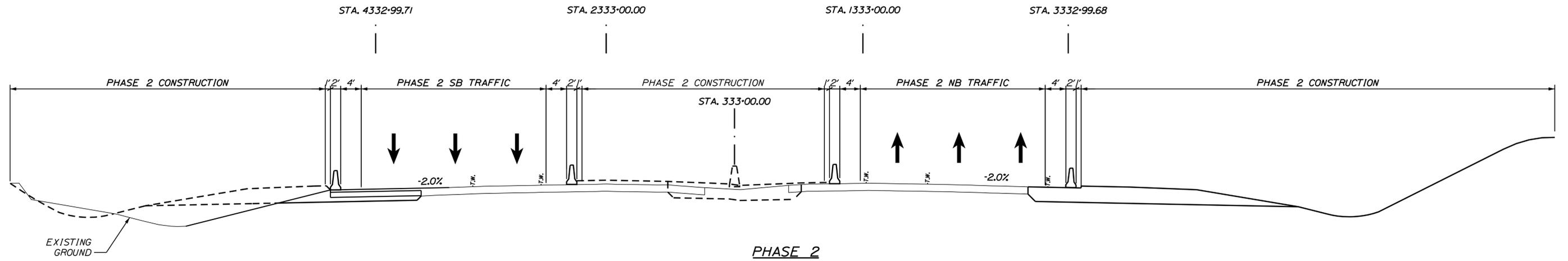
CONTRACT: 2018.20

SHEET NUMBER: MOT-28

75 OF 489

Filename: ...00259637\075\_MOTPlan3\_06.dgn

Date: 8/27/2018



I-95  
PHASE 1  
SCALE: 1" = 10'  
SECTION AT STA. 333+00

Filename: ...076\_Typical\_01\_MOT.dgn

Scale: Scale of Feet

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | RRP | 7\18 | Checked      | CSM | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

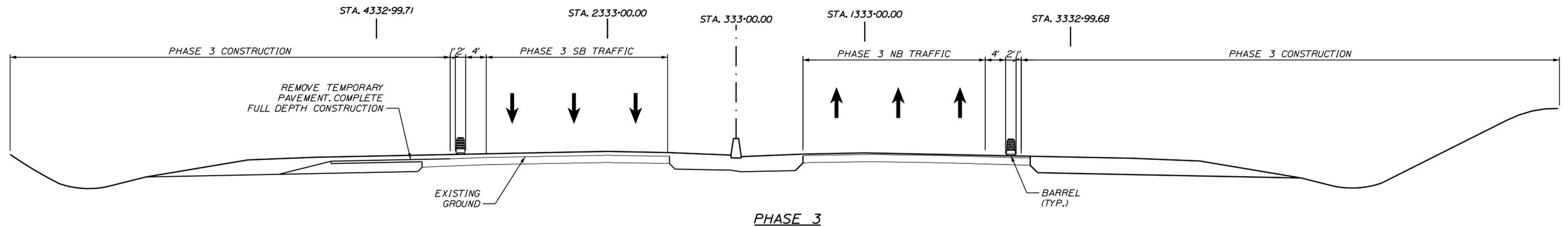
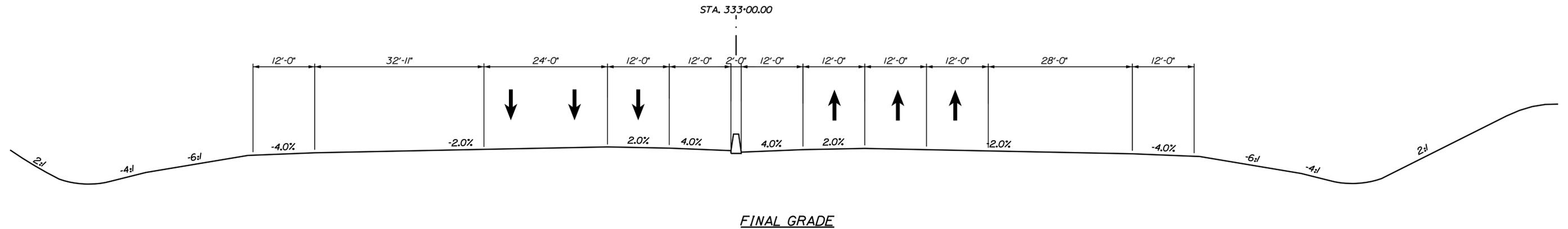
MOT CRITICAL SECTIONS  
STATION 333+00 (1 OF 2)

SHEET NUMBER: MOT-29

CONTRACT: 2018.20

76 OF 489

Date: 8/27/2018



I-95  
 PHASE 3  
 SCALE: 1" = 10'  
 SECTION AT STA. 333+00

Filename: ...:\077\_Typical\_02\_MOT.dgn

Scale: Scale of Feet

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | RRP | 7\18 | Checked      | CSM | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824



**THE GOLD STAR  
 MEMORIAL HIGHWAY**

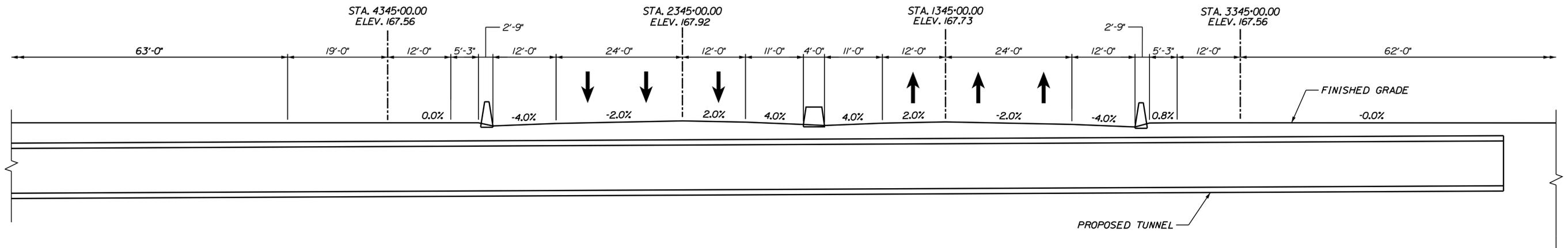
MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
 MOT CRITICAL SECTIONS  
 STATION 333+00 (2 OF 2)

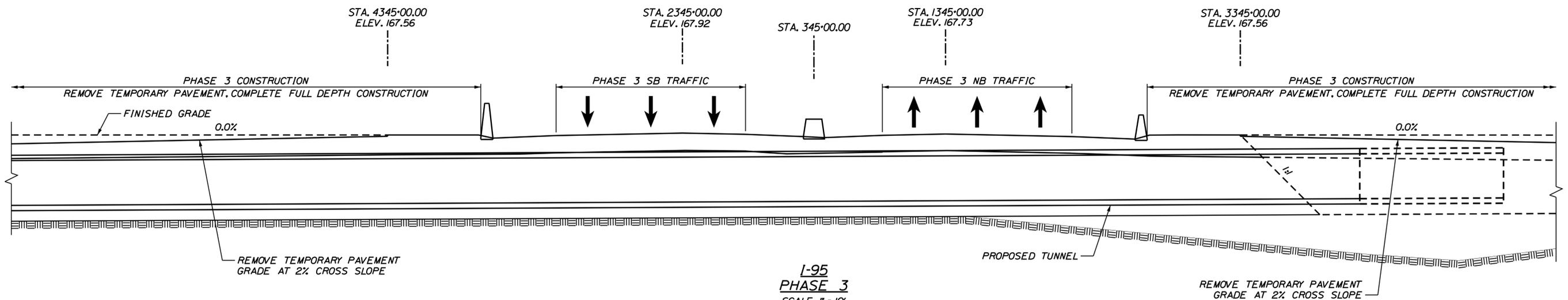
SHEET NUMBER: MOT-30  
 CONTRACT: 2018.20  
 77 OF 489



Date: 8/27/2018

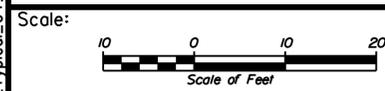


FINAL GRADE



I-95  
**PHASE 3**  
 SCALE: 1" = 10'  
 SECTION AT STA. 345+00

Filename: ...:\079\_Typical\_04\_MOT.dgn



| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | RRP | 7\18 | Checked      | CSM | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

**THE GOLD STAR  
 MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

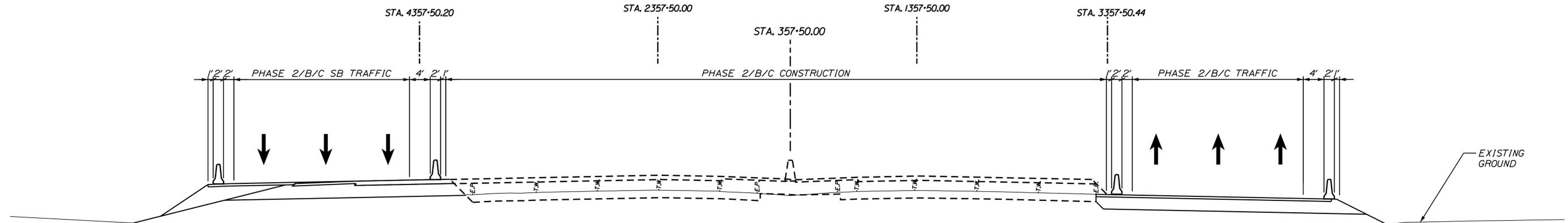
MOT CRITICAL SECTION  
 STATION 345+00 (2 OF 2)

SHEET NUMBER: MOT-32

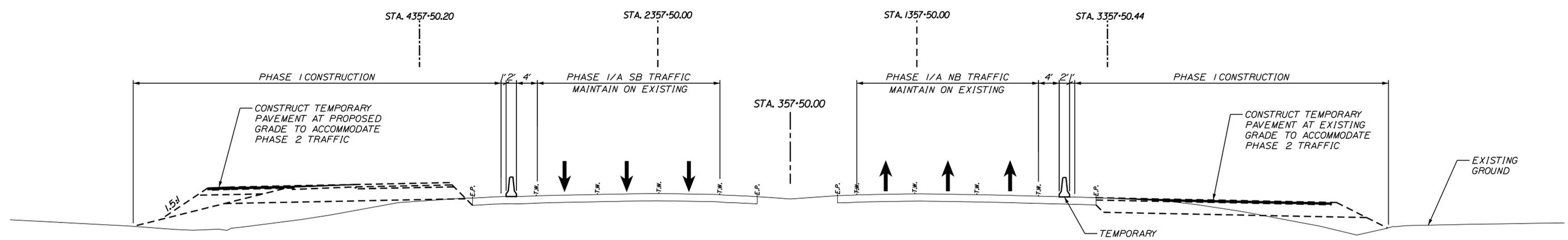
CONTRACT: 2018.20

79 OF 489

Date: 8/27/2018



**PHASE 2**



**I-95  
PHASE 1  
SCALE: 1" = 10'  
SECTION AT STA. 357+50**

Filename: ...080\_Typical\_05\_MOT.dgn

Scale: Scale of Feet

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | RRP | 7\18 | Checked      | CSM | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

**THE GOLD STAR MEMORIAL HIGHWAY**

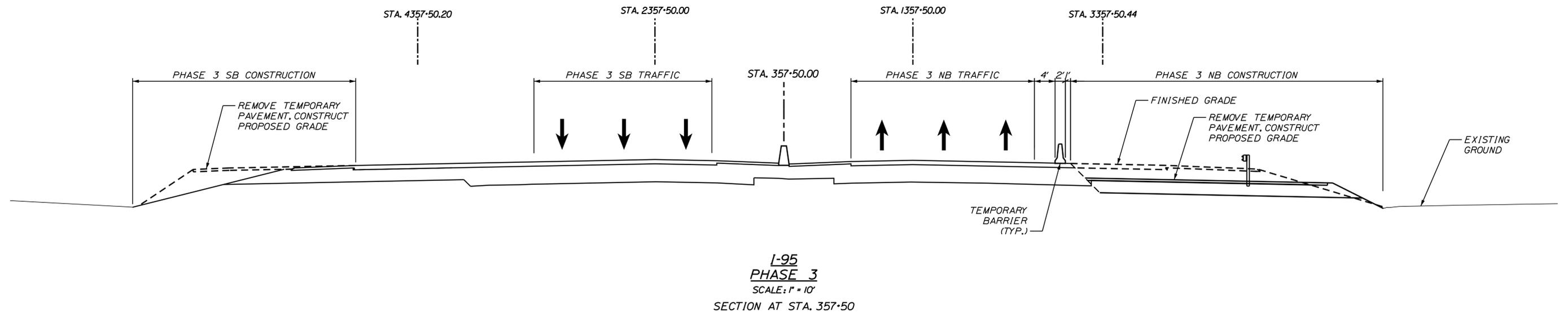
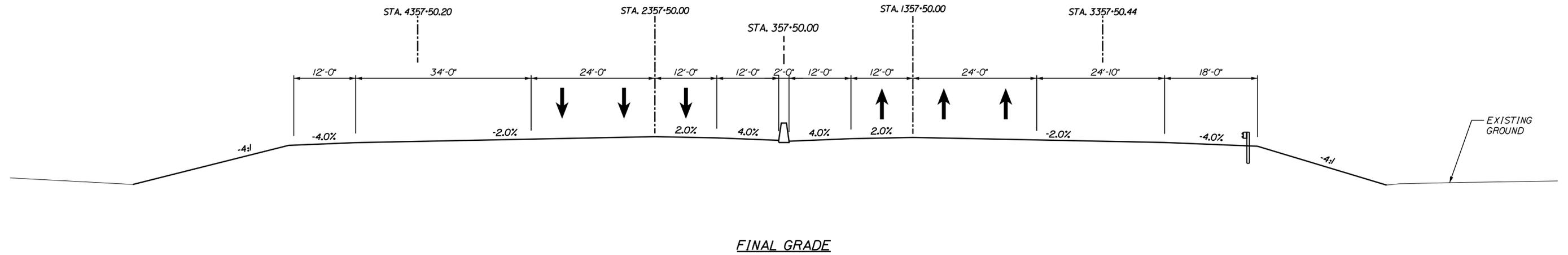
MTA PROJECT MANAGER: R. NORWOOD

**YORK TOLL PLAZA**

MOT CRITICAL SECTIONS  
STATION 357+50 (1 OF 2)

SHEET NUMBER: MOT-33  
CONTRACT: 2018.20  
80 OF 489

Date: 8/27/2018



I-95  
PHASE 3  
SCALE: 1" = 10'  
SECTION AT STA. 357+50

Scale: Scale of Feet

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | RRP | 7\18 | Checked      | CSM | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

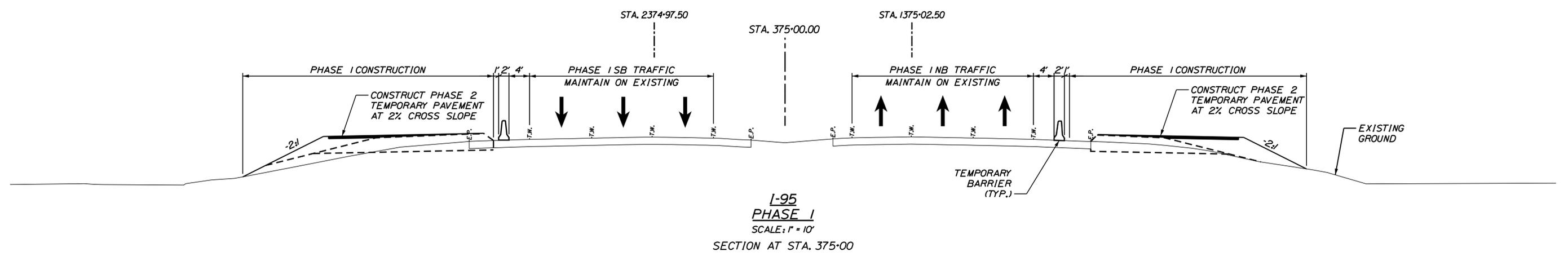
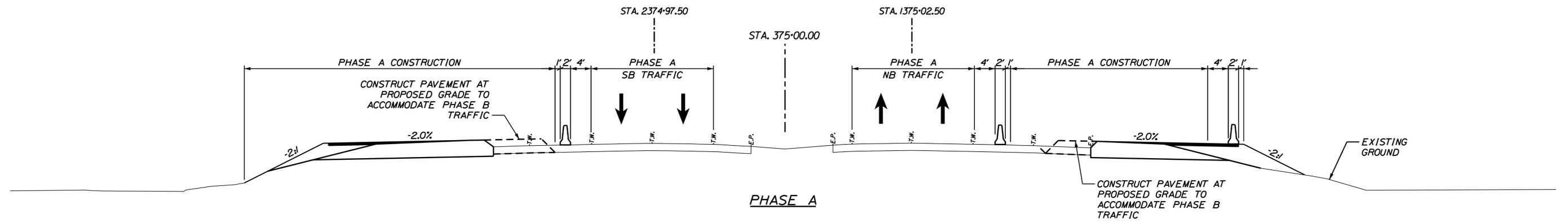
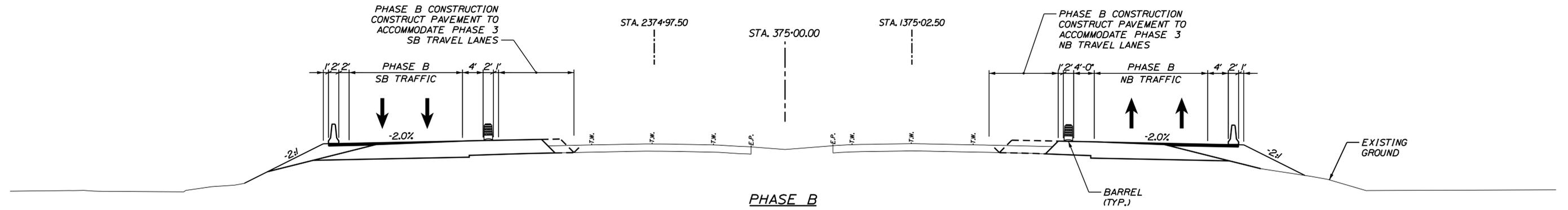
YORK TOLL PLAZA  
MOT CRITICAL SECTIONS  
STATION 357+50 (2 OF 2)

SHEET NUMBER: MOT-34  
81 OF 489

CONTRACT: 2018.20

Filename: ...081\_Typical\_06\_MOT.dgn

Date: 8/27/2018



I-95  
PHASE I  
SCALE: 1" = 10'  
SECTION AT STA. 375+00

Filename: ...082\_Typical\_07\_MOT.dgn

Scale: Scale of Feet

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

# JACOBS

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | RRP | 7\18 | Checked      | CSM | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

THE GOLD STAR  
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD

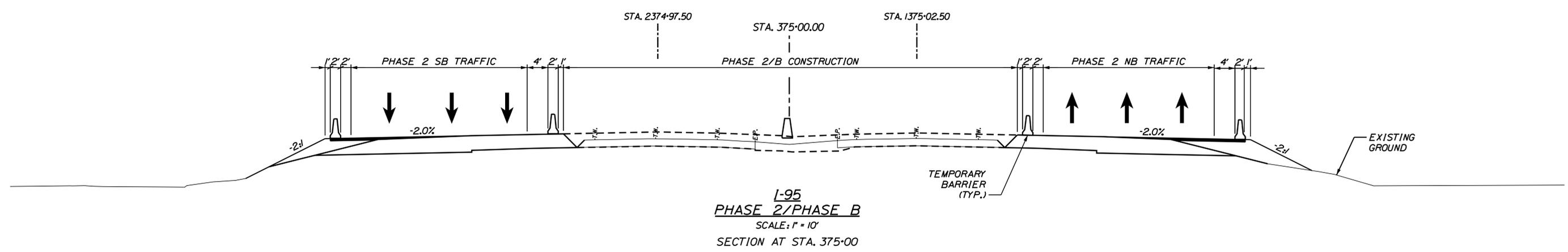
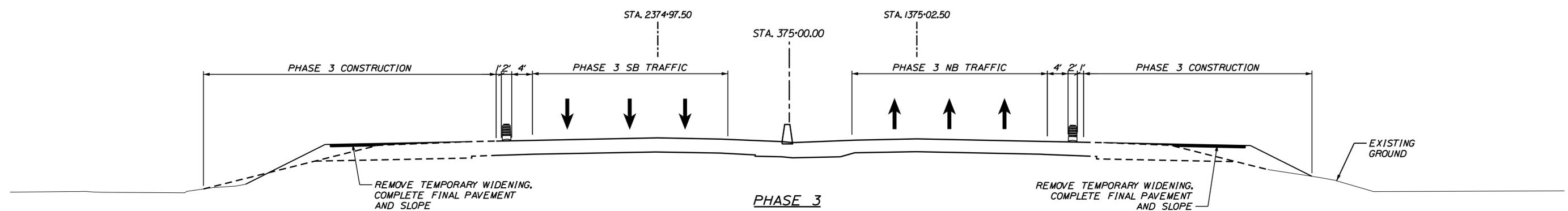
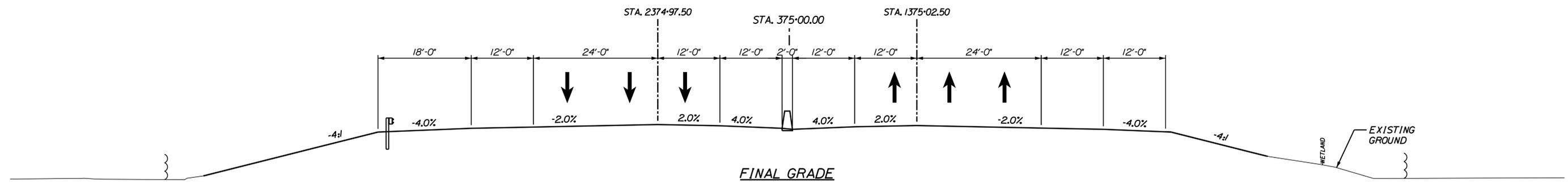
YORK TOLL PLAZA

MOT CRITICAL SECTIONS  
STATION 375+00 (1 OF 2)

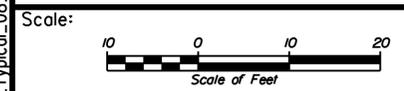
SHEET NUMBER: MOT-35

CONTRACT: 2018.20

82 OF 489



Filename: ...\\083\_Typical\_08\_MOT.dgn



| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | RRP | 7\18 | Checked      | CSM | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

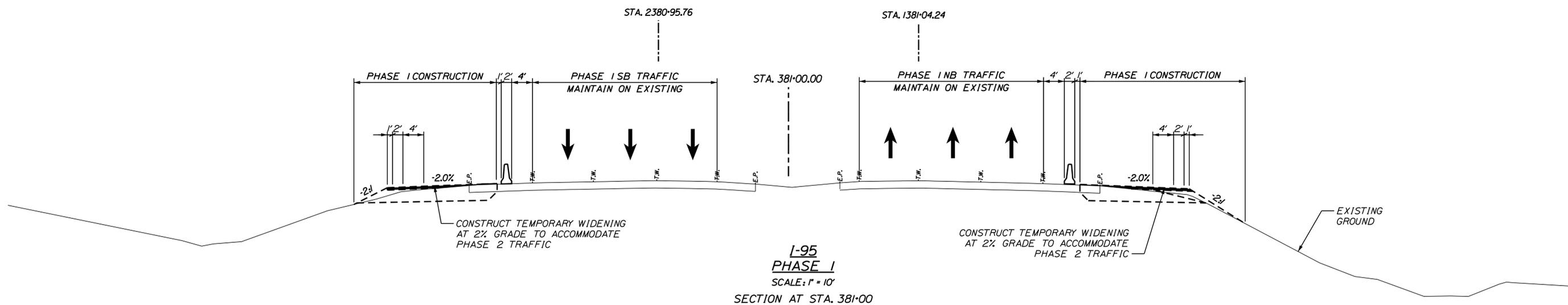
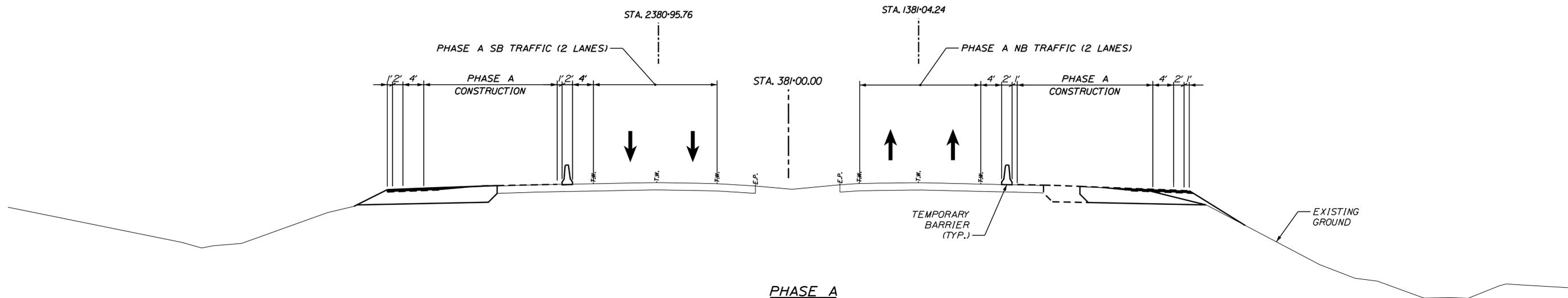
YORK TOLL PLAZA

MOT CRITICAL SECTIONS  
 STATION 375+00 (2 OF 2)

SHEET NUMBER: MOT-36

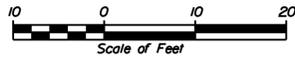
CONTRACT: 2018.20

83 OF 489



I-95  
 PHASE I  
 SCALE: 1" = 10'  
 SECTION AT STA. 381+00

Filename: ...084...Typical\_09\_MOT.dgn

Scale: 

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | RRP | 7\18 | Checked      | CSM | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

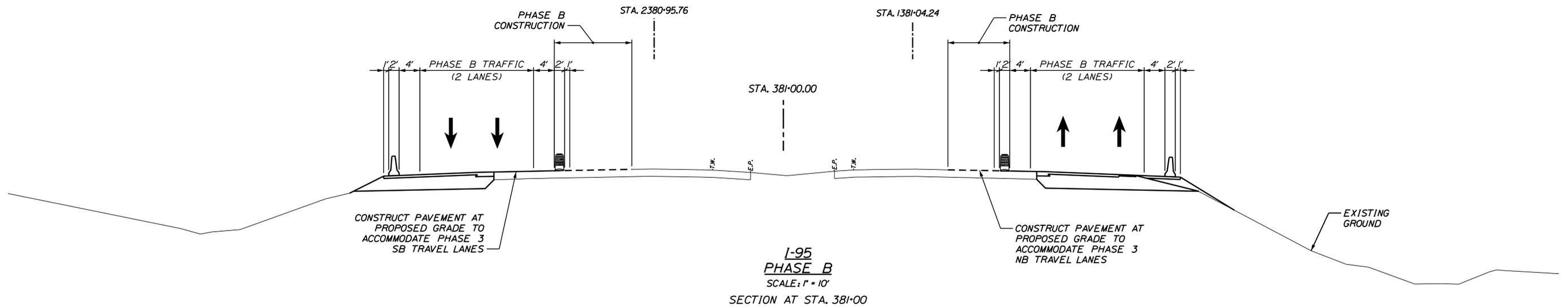
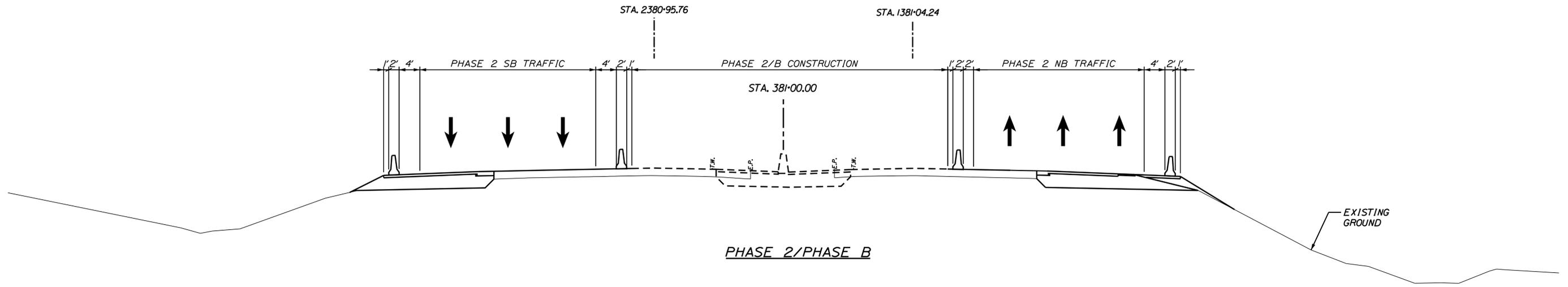


**THE GOLD STAR  
 MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
 MOT CRITICAL SECTIONS  
 STATION 381+00 (1 OF 3)

SHEET NUMBER: MOT-37  
 CONTRACT: 2018.20  
 84 OF 489



I-95  
 PHASE B  
 SCALE: 1" = 10'  
 SECTION AT STA. 381+00

Filename: ...085\_Typical\_10\_MOT.dgn

Scale: Scale of Feet

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | RRP | 7\18 | Checked      | CSM | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

**THE GOLD STAR  
 MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

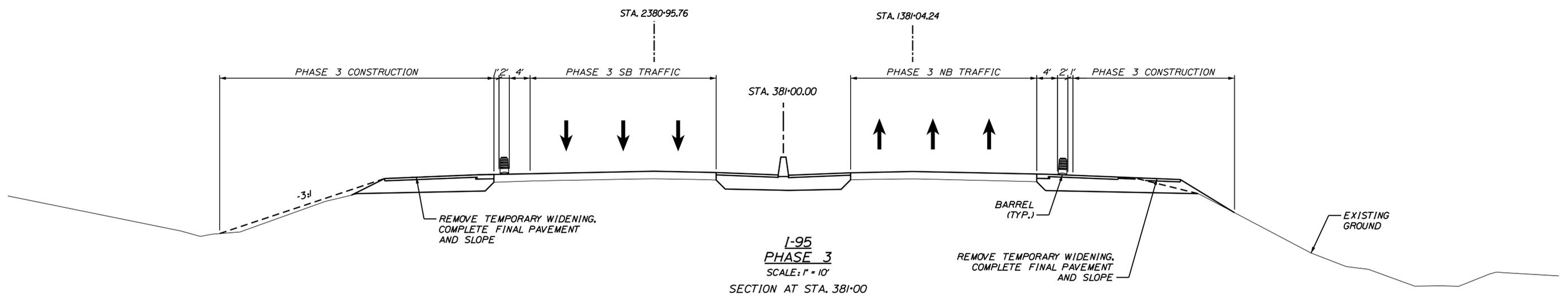
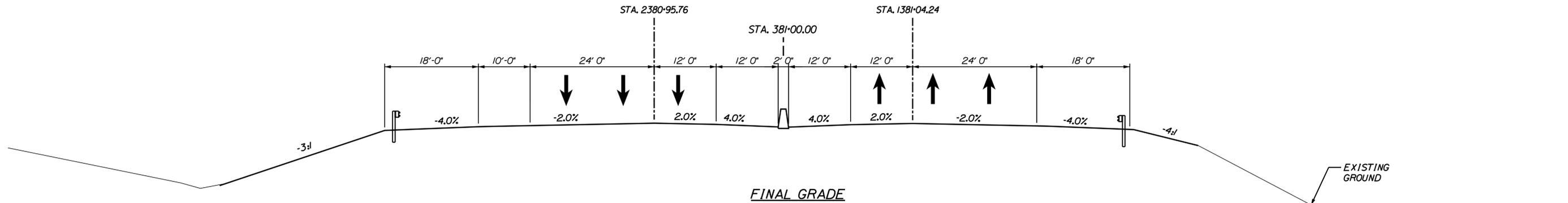
YORK TOLL PLAZA

MOT CRITICAL SECTIONS  
 STATION 381+00 (2 of 3)

SHEET NUMBER: MOT-38

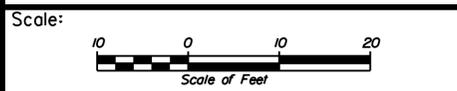
CONTRACT: 2018.20

85 OF 489



I-95  
**PHASE 3**  
 SCALE: 1" = 10'  
 SECTION AT STA. 381+00

Filename: ...086\_Typical\_11\_MOT.dgn



| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | RRP | 7\18 | Checked      | CSM | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

**THE GOLD STAR  
 MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

MOT CRITICAL SECTIONS  
 STATION 381+00 (3 of 3)

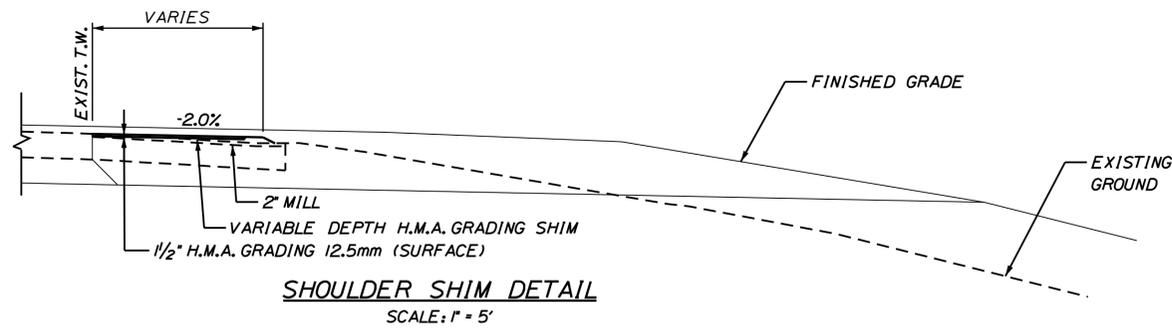
SHEET NUMBER: MOT-39

CONTRACT: 2018.20

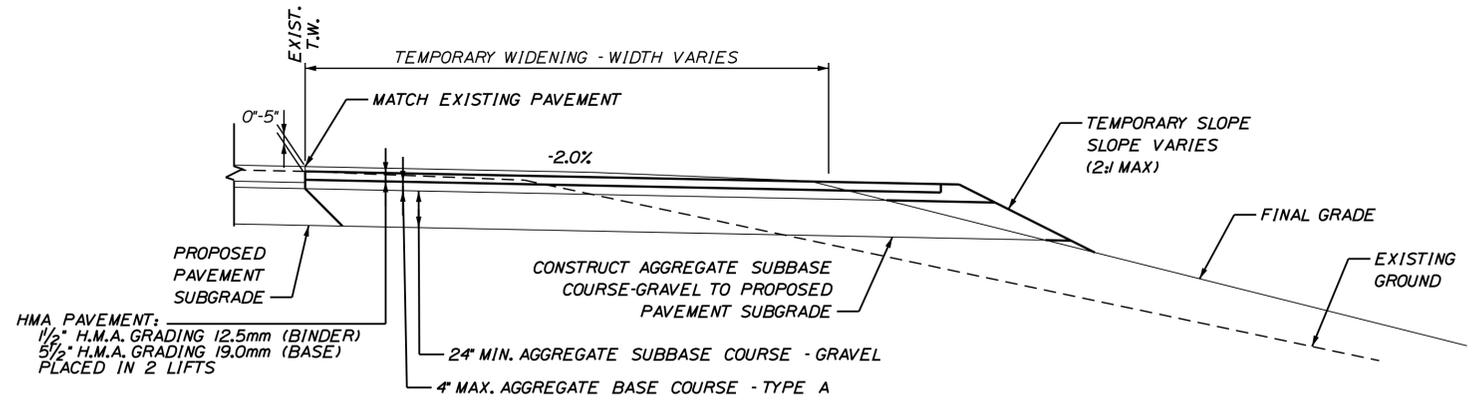
86 OF 489

Date: 8/27/2018

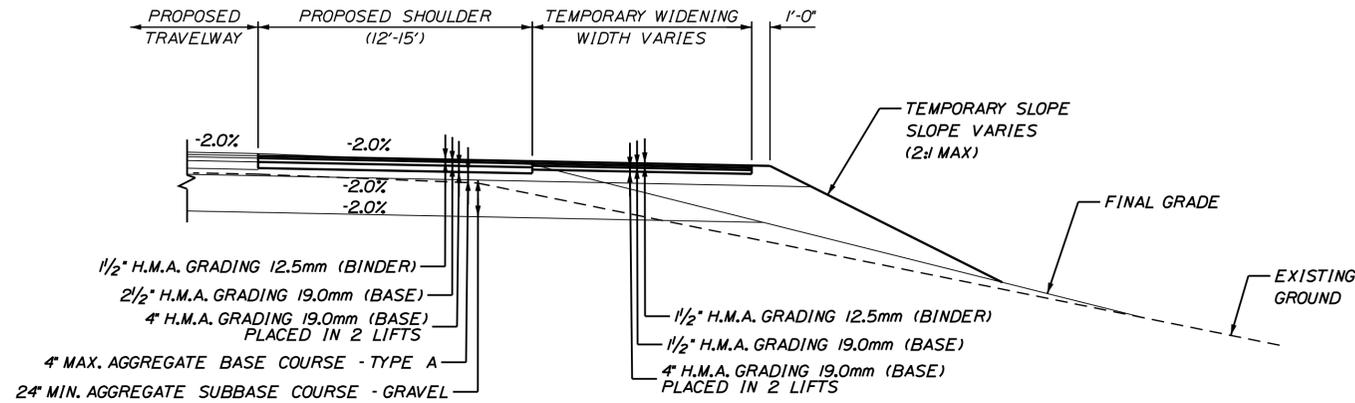
Filename: ...087\_Typical\_12\_MOT.dgn



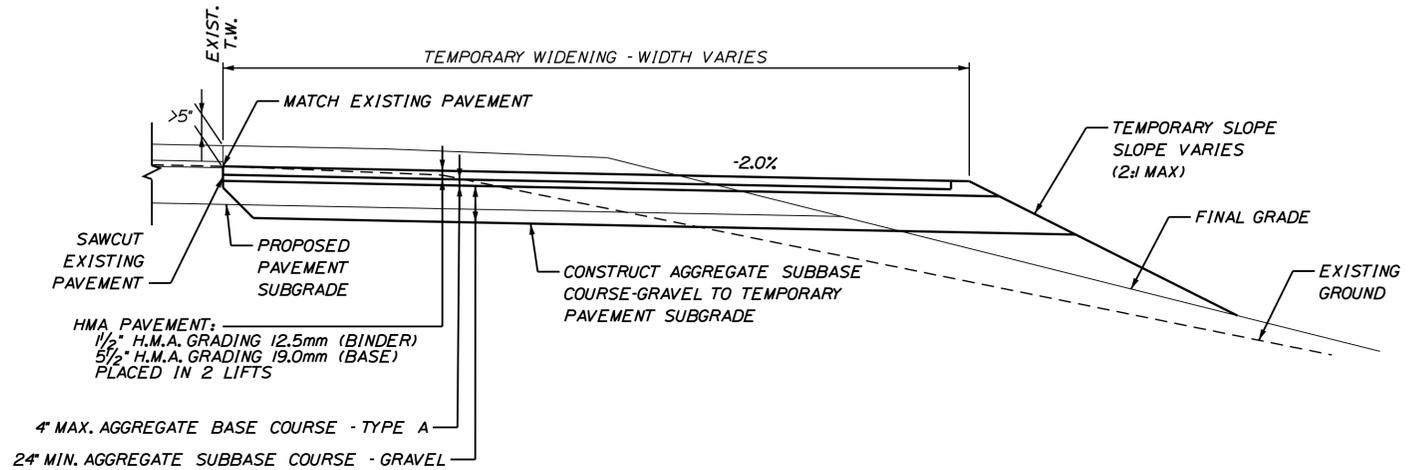
**SHOULDER SHIM DETAIL**  
SCALE: 1" = 5'



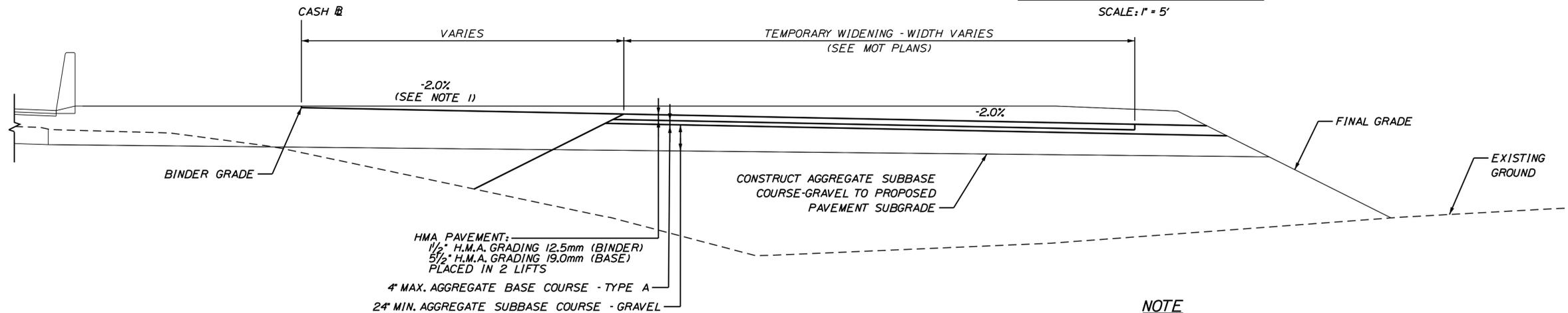
**TEMPORARY WIDENING OFF EXISTING PAVEMENT  
(0"-5" ELEVATION DIFFERENCE)**  
SCALE: 1" = 5'



**TEMPORARY WIDENING OFF PROPOSED PAVEMENT**  
SCALE: 1" = 5'



**TEMPORARY WIDENING OFF EXISTING PAVEMENT  
(>5" ELEVATION DIFFERENCE)**  
SCALE: 1" = 5'



**TEMPORARY WIDENING AT PLAZA**  
SCALE: 1" = 5'

**NOTE**

1. CONSTRUCT TEMPORARY PAVEMENT ON 2% CROSS SLOPE FROM CASH @ AT TOP OF PROPOSED H.M.A. BINDER COURSE (1/2" BELOW CASH @).

Scale: AS NOTED

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

| By           | Date | By               | Date |
|--------------|------|------------------|------|
| Designed CSM | 7\18 | Checked RRP      | 7\18 |
| Drawn AMS    | 7\18 | In Charge of TWM | 7\18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824



**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

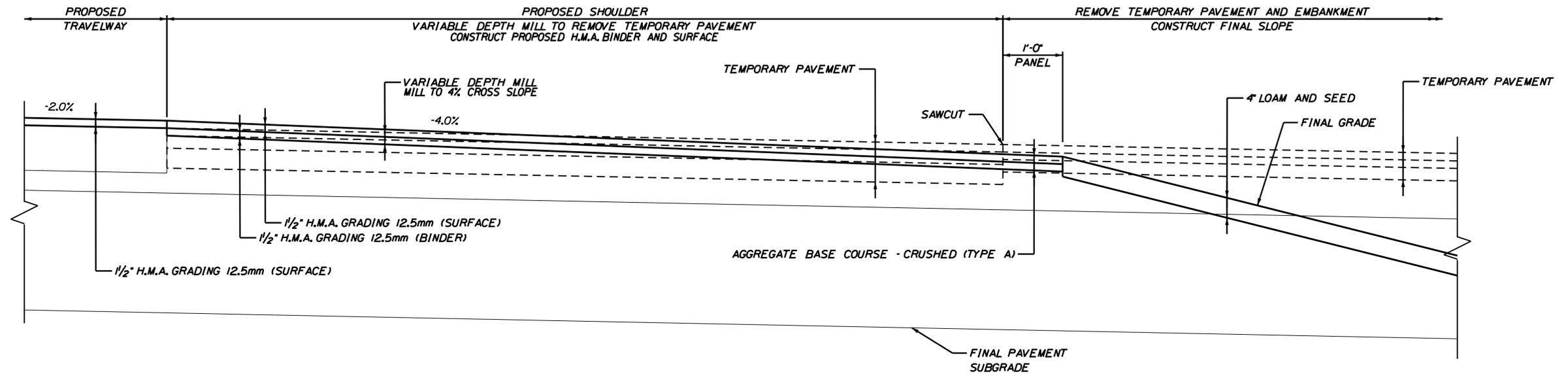
**YORK TOLL PLAZA**  
**TEMPORARY WIDENING DETAILS 1**

CONTRACT: 2018.20

SHEET NUMBER: MOT-40

87 OF 489

Date: 8/27/2018



**PAVEMENT REMOVAL OF TEMPORARY WIDENING  
OFF PROPOSED PAVEMENT**

SCALE: 1" = 2'

Filename: ... \088\_Typical\_13\_MOT.dgn

Scale: AS NOTED

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | CSM | 7\18 | Checked      | RRP | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824



**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

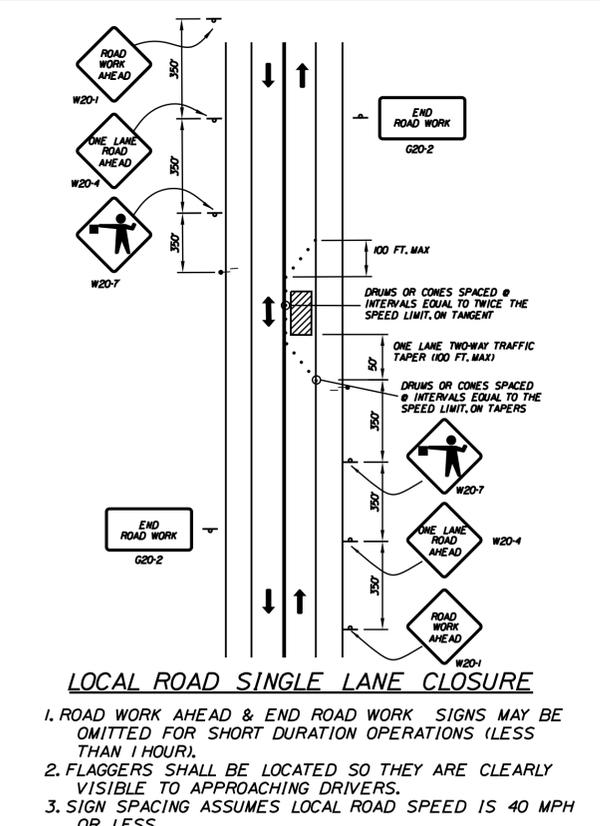
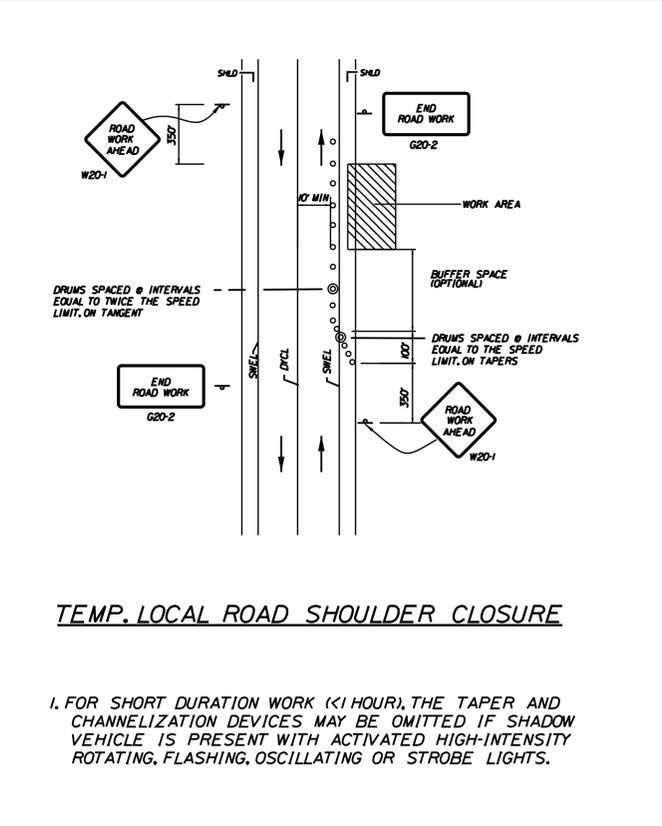
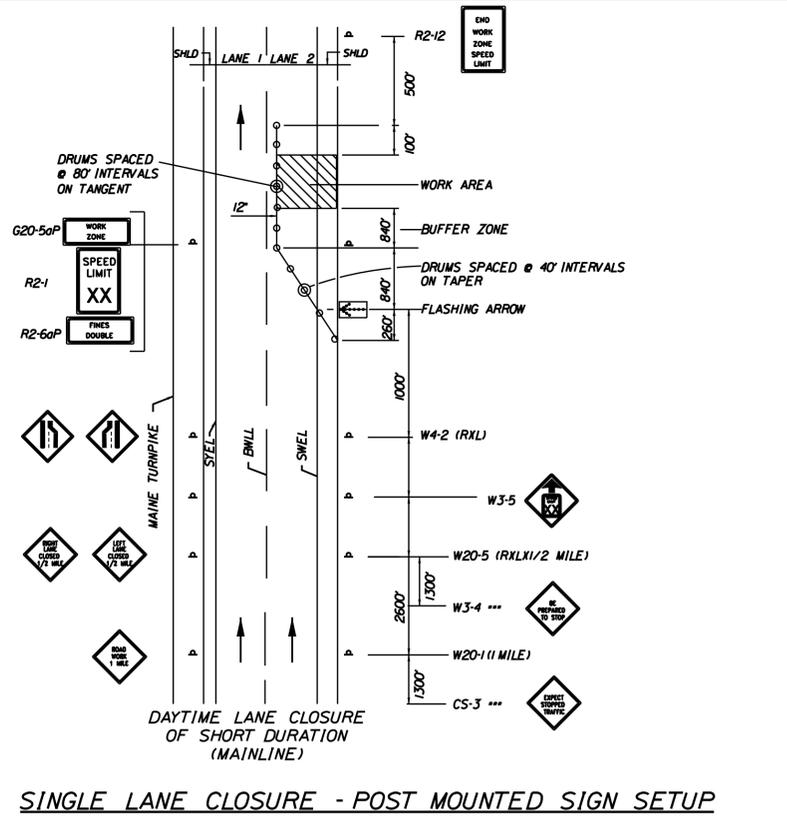
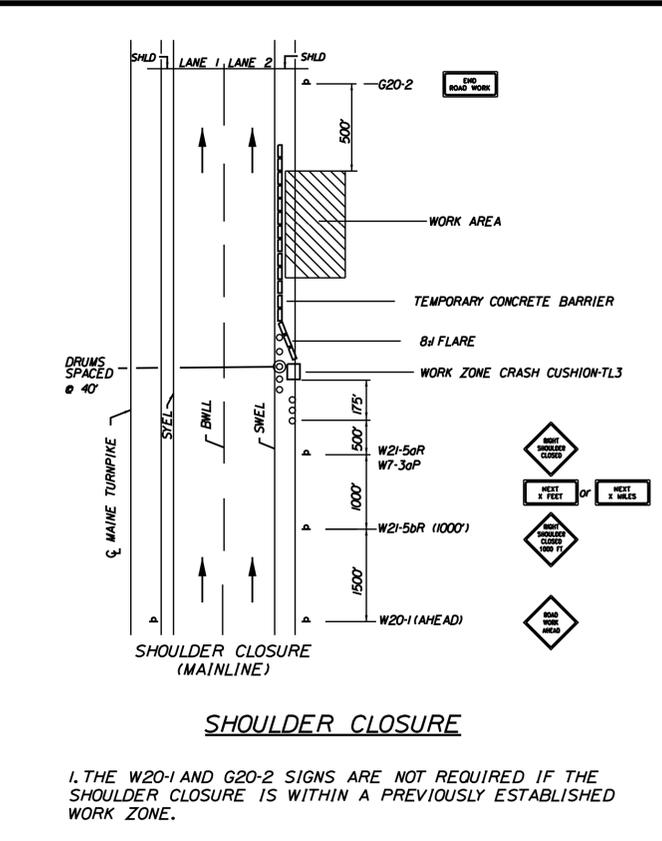
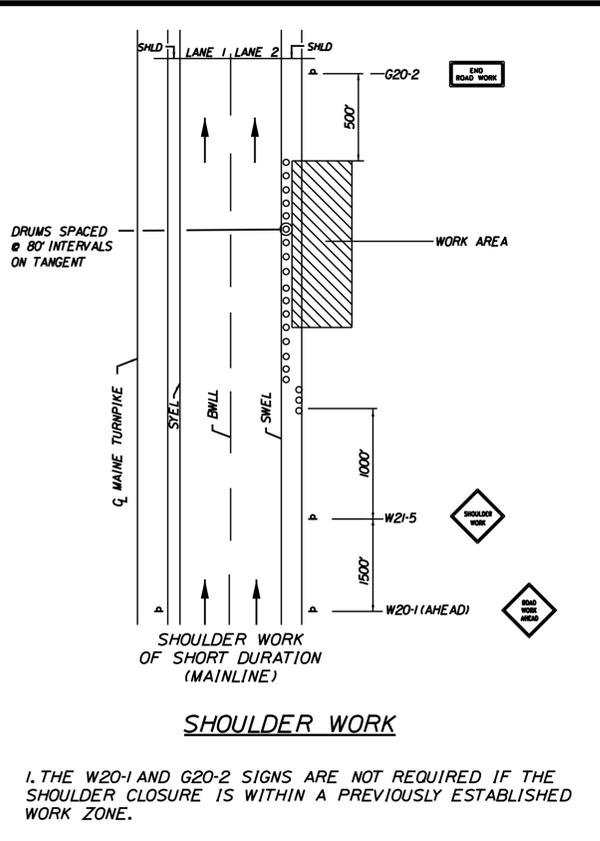
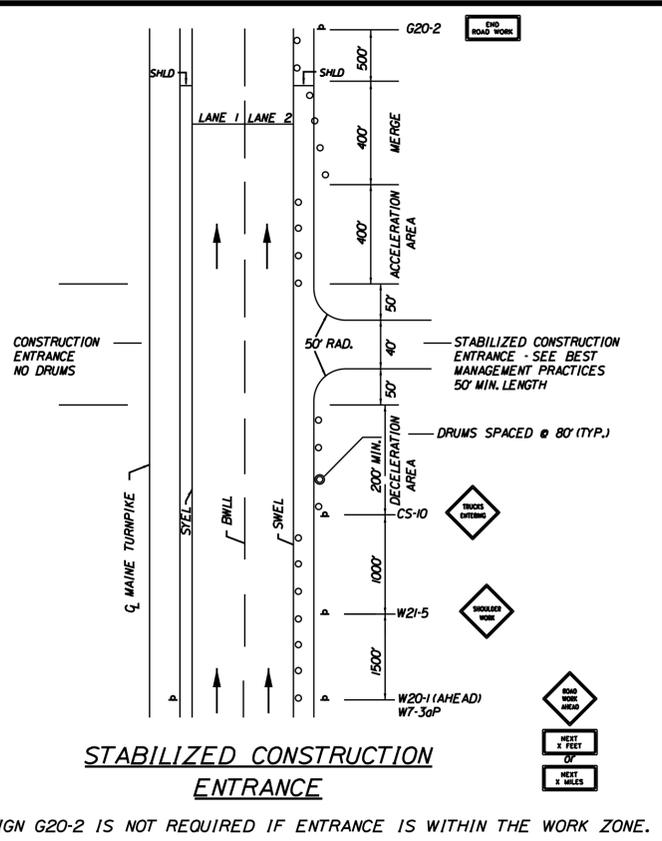
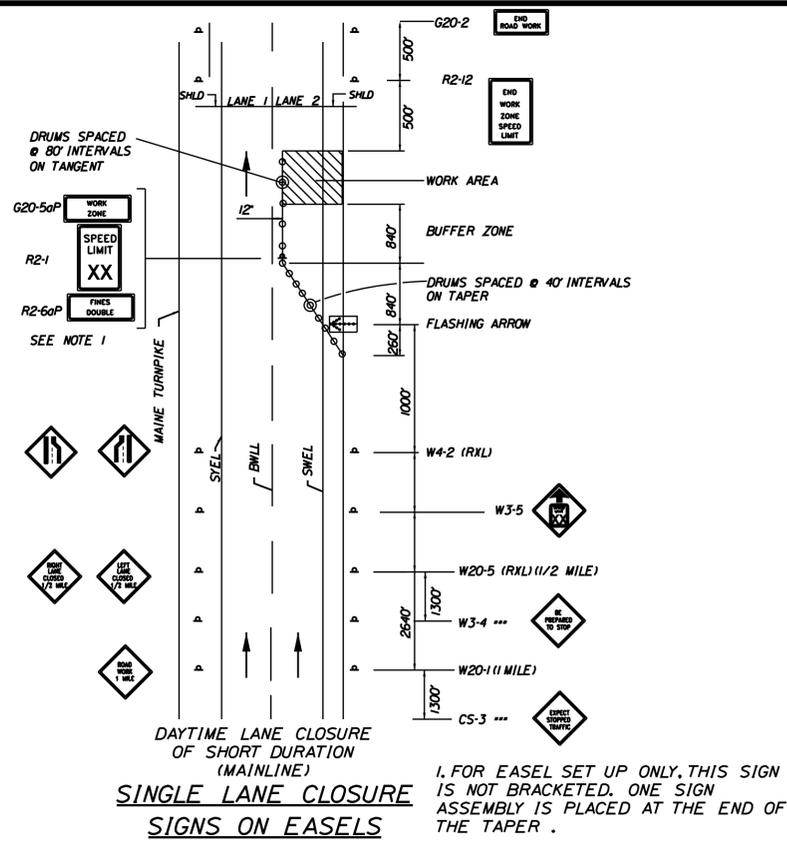
TEMPORARY WIDENING DETAILS 2

SHEET NUMBER: MOT-41

CONTRACT: 2018.20

88 OF 489

Date: 8/27/2018



**ABBREVIATIONS FOR ALL M.O.T. PLANS**

BWLL - BROKEN WHITE LANE LINE  
 SWEL - SOLID WHITE EDGE LINE  
 SYEL - SOLID YELLOW EDGE LINE  
 TBWLL - TEMPORARY BROKEN WHITE LANE LINE  
 TSWEL - TEMPORARY SOLID WHITE EDGE LINE  
 TSYEL - TEMPORARY SOLID YELLOW EDGE LINE

**GENERAL NOTES**

- FOR SIGN DETAILS, SEE MAINTENANCE OF TRAFFIC SIGN SUMMARY SHEETS.
- "TRUCKS ENTERING" SIGN SHALL ALSO BE USED AT LOCATIONS WHERE TRUCKS ENTER THE WORK ZONE FROM THE TRAVEL LANE.
- SIGNS DESIGNATED WITH \*\*\* SHALL BE USED DURING STOPPAGES OF TRAFFIC.
- TRUCK MOUNTED ATTENUATOR SHALL NOT BE LOCATED WITHIN THE BUFFER ZONE.
- THE DETAILS ON THIS SHEET DO NOT SHOW THE THREE OR FOUR LANE SECTION ON THE MAINE TURNPIKE, HOWEVER, THE LANE AND SHOULDER CLOSURE DETAILS ARE APPLICABLE.

Filename: ...089\_Typical\_14\_MOT.dgn

Scale: NOT TO SCALE

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | JK  | 7\18 | Checked      | PV  | 7\18 |
| Drawn    | EFG | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

**MAINE TURNPIKE**

**THE GOLD STAR MEMORIAL HIGHWAY**

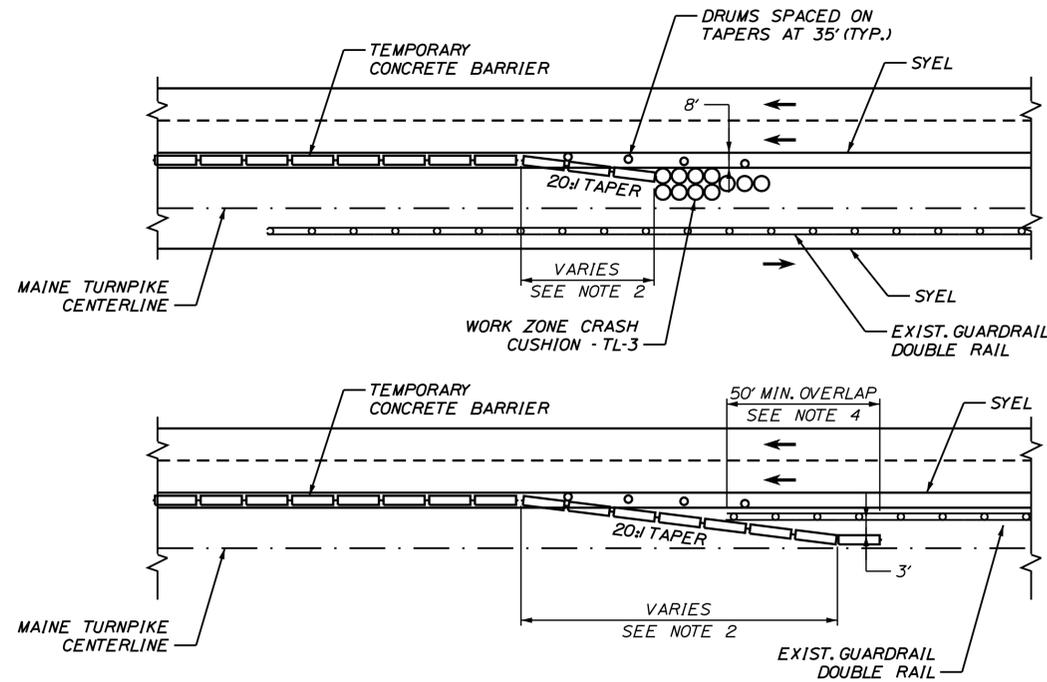
MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
 MAINTENANCE OF TRAFFIC  
 DETAILS 1

SHEET NUMBER: MOT-42  
 CONTRACT: 2018.20  
 89 OF 489

Date: 8/27/2018

Filename: ...090...Typical\_15\_MOT.dgn



**CONCRETE BARRIER/GUARDRAIL OVERLAP DETAIL**  
NOT TO SCALE

**NOTES:**

1. BARRIER ENDS SHALL BE PROTECTED BY A TEMPORARY WORK ZONE CRASH CUSHION OR LAPPED BEHIND GUARDRAIL.
2. 8:1 TAPERED BARRIER LENGTH IS DEPENDENT ON THE LOCATION OF THE BARRIER RELATIVE TO MAINE TURNPIKE SHOULDERS OR LANES.
3. IF A TEMPORARY WORK ZONE CRASH CUSHION IS USED, THE WORK ZONE CRASH CUSHION SYSTEM MUST BE FOUNDED ON A LEVEL SURFACE. ANY WORK NECESSARY TO PROVIDE A LEVEL SURFACE WILL BE INCIDENTAL TO THE WORK ZONE CRASH CUSHION ITEM.
4. IF THE 50' MIN. LENGTH OF OVERLAP CANNOT BE MET THEN THE EXISTING GUARDRAIL END MUST BE ANCHORED.

**GENERAL MAINTENANCE OF TRAFFIC NOTES:**

1. ALL WORK TO CONFORM TO MAINE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGES, EXCEPT AS MODIFIED BY THE MAINE TURNPIKE AUTHORITY'S GENERAL AND SPECIAL PROVISIONS.
2. ALL PAVEMENT STRIPING & SIGNING SHALL BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", U.S.D.O.T., F.H.W.A., LATEST EDITION. NOTE THERE IS A 2009 EDITION OF MUTCD.
3. THESE PLANS SHOW THE GENERAL CONDITION FOR TURNPIKE MAINLINE TRAFFIC CONTROL DURING CONSTRUCTION, SLIGHT MODIFICATIONS IN CONSTRUCTION PROCEDURE MAY OCCUR AND MAY REQUIRE SOME MINOR ADJUSTMENTS TO BE MADE IN THE FIELD. ALL PROCEDURES MUST BE APPROVED BY THE RESIDENT.
4. THE CONTRACTOR SHALL REMOVE ALL PAVEMENT MARKINGS THAT CONFLICT WITH PROPOSED PAVEMENT MARKINGS IN ACCORDANCE WITH THE SPECIFICATIONS AND MUTCD. PAYMENT SHALL BE MADE UNDER ITEM 627.77 - REMOVING PAVEMENT MARKINGS.
5. TEMPORARY PAVEMENT MARKINGS SHALL BE PAINTED, UNLESS OTHERWISE NOTED. PAYMENT FOR MARKINGS SHALL BE UNDER ITEM 627.681 - TEMPORARY 6 INCH PAINTED PAVEMENT MARKING LINE, YELLOW OR WHITE.
6. EXPOSED BARRIER ENDS SHALL BE PROTECTED BY A WORK ZONE CRASH CUSHION. PAYMENT WILL BE UNDER ITEM 527.341 - WORK ZONE CRASH CUSHION - TL-3.
7. ALL TEMPORARY BARRIER SHALL BE SET WITH A MINIMUM 20:1 TAPER. THE 20:1 TAPERED BARRIER LENGTH IS DEPENDENT ON THE LOCATION OF THE BARRIER RELATIVE TO THE MAINE TURNPIKE SHOULDERS OR LANES.
8. REMOVAL OF TEMPORARY PAVEMENT MARKINGS ON FINAL PAVEMENT SURFACE SHALL BE DONE IN SUCH A MANNER TO REMOVE AS LITTLE PAVEMENT AS POSSIBLE.
9. THE AUTHORITY SHALL BE RESPONSIBLE FOR FINAL TURNPIKE STRIPING. THE CONTRACTOR SHALL LAYOUT THE STRIPING AND PROVIDE THE MAINTENANCE OF TRAFFIC CONTROL AND REMOVAL OF TEMPORARY PAVEMENT MARKINGS TO COMPLETE THIS WORK.
10. FOR SIGN DETAILS, SEE MAINTENANCE OF TRAFFIC SIGN SUMMARY SHEETS.
11. "TRUCKS ENTERING" SIGN SHALL ALSO BE USED AT LOCATIONS WHERE TRUCKS ENTER THE WORK ZONE FROM THE TRAVEL LANE.
12. SIGNS DESIGNATED WITH \*\*\* FOR THE SINGLE LANE CLOSURE SHALL BE USED DURING STOPPAGES OF TRAFFIC.
13. TRUCK MOUNTED ATTENUATOR SHALL NOT BE LOCATED WITHIN THE BUFFER ZONE.
14. IF THE FINAL LIFT OF PAVEMENT IS NOT IN PLACE DURING THE TESTING OF THE ORT LANES, THE CONTRACTOR SHALL PROVIDE TEMPORARY RAMPS AT THE TRANSITION FROM THE ASPHALT BASE COURSE TO THE ORT CONCRETE SLABS AND FROM THE ASPHALT BASE COURSE TO THE EXISTING PAVEMENT. THESE SHALL BE 100 FEET IN LENGTH THE ENTIRE WIDTH OF PAVEMENT. TEMPORARY RAMPS SHALL BE CONSTRUCTED USING THE SAME MATERIAL AS BEING PLACED ON THAT DAY OR AS APPROVED BY THE RESIDENT. ALL TEMPORARY RAMPS ARE TO BE CONSTRUCTED ON A SAND JOINT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REPAIRS AND MAINTENANCE REQUIRED FOR THE TEMPORARY RAMPS. ALL WORK ASSOCIATED WITH THE RAMPS SHALL BE INCIDENTAL TO THE PAVEMENT ITEMS.
15. THESE PLANS SHOW THE GENERAL LAYOUT OF CONSTRUCTION ZONE SIGNING. ALL LOCATIONS REQUIRING SIGNS MAY NOT BE SHOWN. FINAL CONTENT AND LAYOUT OF SIGNS MUST BE SUBMITTED TO AND APPROVED BY THE RESIDENT.

**GENERAL MAINTENANCE OF TRAFFIC NOTES DURING ORT COMMISSIONING:**

1. CONTRACTOR SHALL MAINTAIN TWO TEMPORARY OPENINGS IN THE MEDIAN GUARDRAIL TO FACILITATE TESTING OF THE ORT LANES WITH LIVE TRAFFIC. OPENINGS SHALL REMAIN WITHIN THE ADJACENT LANE CLOSURES. OPENINGS SHALL BE 75' LONG. LIMITS ARE FROM STA. 333+75 TO 334+50 AND STA. 358+75 TO 359+50.
2. CONTRACTOR SHALL PROTECT ENDS OF GUARDRAIL. CONTRACTOR SHALL PLAN GUARDRAIL INSTALLATION IN SUCH A MANNER THAT PROPOSED GUARDRAIL WITHIN THE OPENING IS INSTALLED AFTER THE PERIOD NEEDED FOR THE OPENING.
3. THE 75' MEDIAN OPENING SHALL BE PAVED BETWEEN MEDIAN SHOULDERS WITH 3" HOT MIX ASPHALT, 9.5mm NOMINAL ON 12" AGGREGATE SUBBASE COURSE - GRAVEL. THIS WORK SHALL BE PAID FOR UNDER THE APPROPRIATE PAVING AND GRAVEL ITEMS.
4. CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM THE MEDIAN OPENINGS. THIS WORK SHALL BE INCIDENTAL TO THE APPROPRIATE GRAVEL ITEMS.
5. REMOVAL OF THE TEMPORARY CLOSURE SHALL BE PAID FOR UNDER ITEM 203.2 - COMMON EXCAVATION.
6. SEE SPECIAL PROVISIONS SECTION 107.4.6 PROSECUTION OF WORK FOR DATES REQUIRED TO MAINTAIN OPENING AND MORE INFORMATION.

| Scale:   |          |    |      |
|----------|----------|----|------|
| AS NOTED |          |    |      |
| No.      | Revision | By | Date |
|          |          |    |      |
|          |          |    |      |

|                                      |     |      |              |     |      |
|--------------------------------------|-----|------|--------------|-----|------|
| Designed by:                         |     |      |              |     |      |
| <b>JACOBS</b>                        |     |      |              |     |      |
| CONSULTANT PROJECT MANAGER: T. MORIN |     |      |              |     |      |
|                                      | By  | Date |              | By  | Date |
| Designed                             | CSM | 7\18 | Checked      | RRP | 7\18 |
| Drawn                                | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

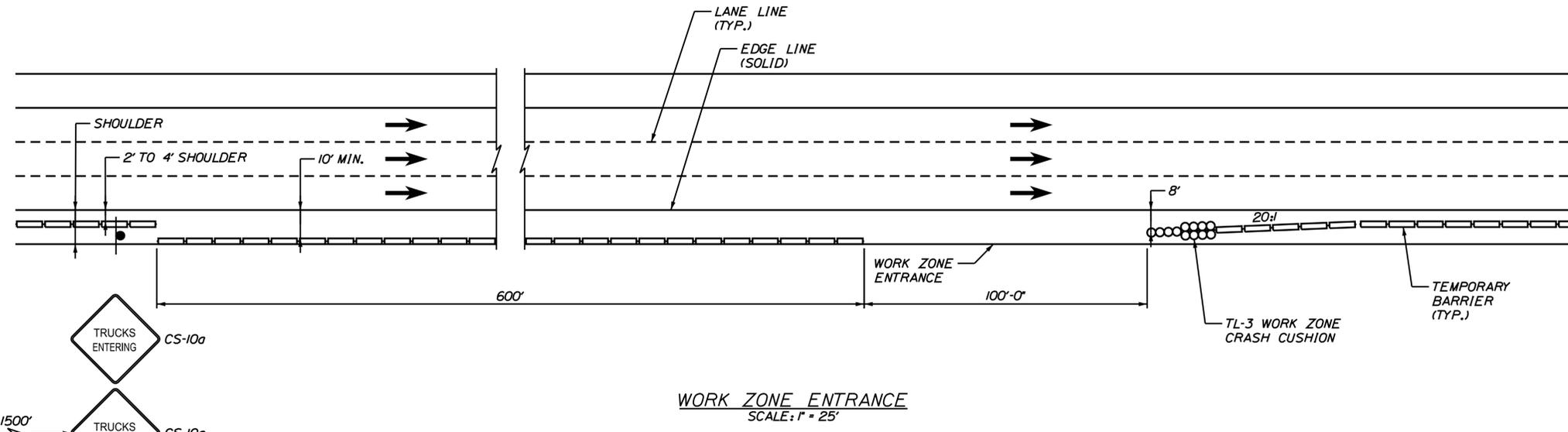
YORK TOLL PLAZA

MAINTENANCE OF TRAFFIC  
DETAILS 2

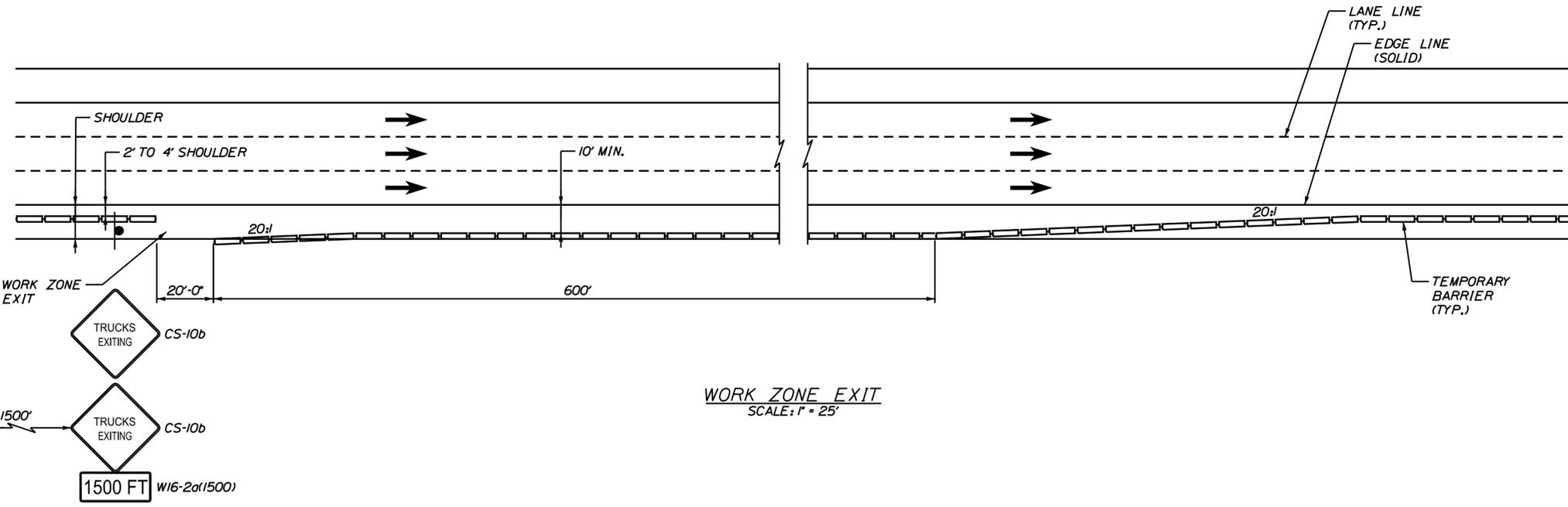
SHEET NUMBER: MOT-43  
CONTRACT: 2018.20  
90 OF 489

Date: 8/27/2018

Filename: ...091\_Typical\_16\_MOT.dgn



**WORK ZONE ENTRANCE**  
SCALE: 1" = 25'



**WORK ZONE EXIT**  
SCALE: 1" = 25'

**NOTES:**

1. THE CONTRACTOR SHALL SELECT THE WORK ZONE ENTRANCE AND EXIT LOCATIONS WITH THE APPROVAL OF THE AUTHORITY THAT PROVIDE ADEQUATE SIGHT DISTANCE AND EASE OF ACCESS FOR CONSTRUCTION VEHICLES WITHOUT COMPROMISING SAFETY ALONG THE ACTIVE TRAVELWAY. IN THE EVENT THAT THE AUTHORITY DETERMINES THAT AN ENTRANCE OR EXIT DOES NOT FUNCTION IN A SAFE MANNER, IT SHALL BE CLOSED AND RELOCATED TO ANOTHER LOCATION, AT NOT ADDITIONAL COST TO THE AUTHORITY.
2. THE CONTRACTOR SHALL RELOCATE CONSTRUCTION ENTRANCE AND EXIT LOCATIONS SUBJECT TO THE APPROVAL OF THE AUTHORITY, AS NECESSARY FOR THE PERFORMANCE OF THE WORK.
3. THE CONTRACTOR SHALL PROVIDE THE NECESSARY ACCELERATION OR DECELERATION LENGTHS WITHIN THE WORK ZONE AS NECESSARY SO THAT CONSTRUCTION VEHICLES ENTER OR EXIT THE TRAVEL LANE AT NO LESS THAN 10 MILES PER HOUR BELOW THE POSTED SPEED LIMIT.
4. PORTABLE LIGHT TOWER SHALL BE USED TO LIGHT THE TEMPORARY IMPACT ATTENUATOR. IF CONSTRUCTION IS BEYOND NORMAL WORKING HOURS, A PORTABLE LIGHT TOWER SHALL ALSO BE USE TO LIGHT THE CONSTRUCTION ENTRANCE LOCATIONS.
5. ALL COSTS FOR RELOCATING THE PORTABLE CONCRETE BARRIER; SIGNAGE; INSTALLATION, REPAIR AND REPLACEMENT OF THE IMPACT ATTENUATOR; GRADING FOR ACCESS DRIVES AND RELATED COSTS SHALL NOT BE MEASURED SEPARATELY FOR PAYMENT, BUT SHALL BE INCIDENTAL TO THE APPROPRIATE ITEMS.
6. STONE CONSTRUCTION PADS SHALL BE INSTALLED AT ALL ENTRANCES TO THE HIGHWAY.

Scale: AS NOTED

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | CSM | 7\18 | Checked      | RRP | 7\18 |
| Drawn    | AMS | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824



**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

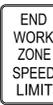
WORK ZONE ACCESS DETAILS

SHEET NUMBER: MOT-44

CONTRACT: 2018.20

91 OF 489

MAINLINE CONSTRUCTION SIGN SUMMARY

| IDENTIFICATION NUMBER | SIZE OF SIGN |        | TEXT  | TEXT DIMENSIONS (INCHES)   |                          |                 | NUMBER OF SIGNS REQUIRED | COLOR       |               | AREA IN SQUARE FEET |
|-----------------------|--------------|--------|---|----------------------------|--------------------------|-----------------|--------------------------|-------------|---------------|---------------------|
|                       | WIDTH        | HEIGHT |   | LETTER HEIGHT              | VERTICAL SPACING         | ARROW RTE. MKR. |                          | BACK-GROUND | LEGEND BORDER |                     |
| CS-10a                | 48           | 48     |    | 6C<br>6C                   | 3.375                    |                 | 5                        | ORANGE      | BLACK         | 16.00               |
| CS-10b                | 48           | 48     |    | 6C<br>6C                   | 3.375                    |                 | 3                        | ORANGE      | BLACK         | 16.00               |
| G20-2                 | 36           | 18     |    | 4C<br>4C                   | 2.5                      |                 | 5                        | ORANGE      | BLACK         | 4.50                |
| G20-5ap               | 36           | 24     |    | 5D<br>5D                   | 4                        |                 | 6                        | ORANGE      | BLACK         | 6.00                |
| R2-1(50)              | 48           | 60     |    | 8E<br>8E<br>16E            | 6<br>6                   |                 | 5                        | WHITE       | BLACK         | 20.00               |
| R2-1(60)              | 48           | 60     |    | 8E<br>8E<br>16E            | 6<br>6                   |                 | 6                        | WHITE       | BLACK         | 20.00               |
| R2-12                 | 24           | 36     |   | 4E<br>4E<br>4E<br>4E<br>4E | 2.5<br>2.5<br>2.5<br>2.5 |                 | 6                        | WHITE       | BLACK         | 6.00                |
| R2-6ap                | 48           | 36     |  | 8D<br>8D                   | 6                        |                 | 6                        | WHITE       | BLACK         | 12.00               |
| W1-4cL                | 48           | 48     |  | N/A                        | N/A                      |                 | 4                        | ORANGE      | BLACK         | 16.00               |
| W1-4cR                | 48           | 48     |  | N/A                        | N/A                      |                 | 2                        | ORANGE      | BLACK         | 16.00               |
| W3-5(25)              | 48           | 48     |  | N/A                        | N/A                      |                 | 4                        | ORANGE      | BLACK         | 16.00               |
| W3-5(50)              | 48           | 48     |  | N/A                        | N/A                      |                 | 4                        | ORANGE      | BLACK         | 16.00               |

MAINLINE CONSTRUCTION SIGN SUMMARY (CONTINUED)

| IDENTIFICATION NUMBER | SIZE OF SIGN |        | TEXT  | TEXT DIMENSIONS (INCHES) |                  |                 | NUMBER OF SIGNS REQUIRED | COLOR       |               | AREA IN SQUARE FEET |
|-----------------------|--------------|--------|---|--------------------------|------------------|-----------------|--------------------------|-------------|---------------|---------------------|
|                       | WIDTH        | HEIGHT |   | LETTER HEIGHT            | VERTICAL SPACING | ARROW RTE. MKR. |                          | BACK-GROUND | LEGEND BORDER |                     |
| W3-5(60)              | 48           | 48     |    | N/A                      | N/A              |                 | 6                        | ORANGE      | BLACK         | 16.00               |
| W4-1R                 | 48           | 48     |    | N/A                      | N/A              |                 | 1                        | ORANGE      | BLACK         | 16.00               |
| W4-2L                 | 48           | 48     |    | N/A                      | N/A              |                 | 4                        | ORANGE      | BLACK         | 16.00               |
| W4-2R                 | 48           | 48     |    | N/A                      | N/A              |                 | 2                        | ORANGE      | BLACK         | 16.00               |
| W5-1                  | 48           | 48     |    | 6C<br>6C                 | 3.375            |                 | 1                        | ORANGE      | BLACK         | 16.00               |
| W7-3a                 | 24           | 18     |    | 5D<br>5D                 | 4                |                 | 2                        | ORANGE      | BLACK         | 3.00                |
| W13-1(25)             | 30           | 30     |   | 12E<br>5E                | 4                |                 | 6                        | YELLOW      | BLACK         | 6.25                |
| W13-1(50)             | 30           | 30     |  | 12E<br>5E                | 4                |                 | 4                        | YELLOW      | BLACK         | 6.25                |
| W16-2a(1000)          | 24           | 12     |  | 4D                       | N/A              |                 | 2                        | YELLOW      | BLACK         | 2.00                |
| W16-2a(1500)          | 24           | 12     |  | 4D                       | N/A              |                 | 2                        | YELLOW      | BLACK         | 2.00                |
| W16-2a(2000)          | 24           | 12     |  | 4D                       | N/A              |                 | 2                        | YELLOW      | BLACK         | 2.00                |
| W20-1(1 MILE)         | 48           | 48     |  | 6C<br>6C<br>6C           | 3.375<br>3.375   |                 | 2                        | ORANGE      | BLACK         | 16.00               |

Date: 8/27/2018

Filename: ...092\_Estimate\_01\_Sign.dgn



Designed by:



JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824



THE GOLD STAR  
MEMORIAL HIGHWAY

YORK TOLL PLAZA  
MAINTENANCE OF TRAFFIC  
CONSTRUCTION SIGN SUMMARY SHEET 1  
SHEET NUMBER: MOT-45

CONSULTANT PROJECT MANAGER: T. MORIN

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

| By  | Date | By  | Date |
|-----|------|-----|------|
| RRP | 7\18 | CSM | 7\18 |
| TAV | 7\18 | TWM | 7\18 |

MTA PROJECT MANAGER: R. NORWOOD

CONTRACT: 2018.20

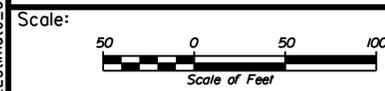
92 OF 489

MAINLINE CONSTRUCTION SIGN SUMMARY (CONTINUED)

| IDENTIFI-<br>CATION<br>NUMBER | SIZE OF<br>SIGN |        | TEXT  | TEXT DIMENSIONS (INCHES) |                      |                    | NUMBER<br>OF<br>SIGNS<br>REQUIRED | COLOR           |                  | AREA IN<br>SQUARE<br>FEET |
|-------------------------------|-----------------|--------|---|--------------------------|----------------------|--------------------|-----------------------------------|-----------------|------------------|---------------------------|
|                               | WIDTH           | HEIGHT |   | LETTER<br>HEIGHT         | VERTICAL<br>SPACING  | ARROW<br>RTE. MKR. |                                   | BACK-<br>GROUND | LEGEND<br>BORDER |                           |
| W20-1(AHEAD)                  | 48              | 48     |  | 6C<br>6C<br>6C           | 3.375<br>3.375       |                    | 8                                 | ORANGE          | BLACK            | 16.00                     |
| W20-5L(1/2 MILE)              | 48              | 48     |  | 6C<br>6C<br>6C           | 3.375<br>3.375       |                    | 4                                 | ORANGE          | BLACK            | 16.00                     |
| W20-5R(1/2 MILE)              | 48              | 48     |  | 6C<br>6C<br>6C           | 3.375<br>3.375       |                    | 2                                 | ORANGE          | BLACK            | 16.00                     |
| W21-5aR                       | 48              | 48     |  | 6C<br>6C<br>6C           | 3.375<br>3.375       |                    | 4                                 | ORANGE          | BLACK            | 16.00                     |
| W21-5aRb                      | 48              | 48     |  | 6C<br>6C<br>6C<br>6C     | 3.00<br>3.00<br>3.00 |                    | 2                                 | ORANGE          | BLACK            | 16.00                     |
| W24-1cR                       | 48              | 48     |  | N/A                      | N/A                  |                    | 2                                 | ORANGE          | BLACK            | 16.00                     |

Date: 8/27/2018

Filename: ...093\_Estimate\_02\_Sign.dgn



| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |

Designed by:



CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | RRP | 7\18 | Checked      | CSM | 7\18 |
| Drawn    | TAV | 7\18 | In Charge of | TWM | 7\18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824



**THE GOLD STAR  
 MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

MAINTENANCE OF TRAFFIC  
 CONSTRUCTION SIGN SUMMARY SHEET 2

SHEET NUMBER: MOT-46

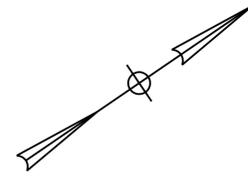
CONTRACT: 2018.20

93 OF 489

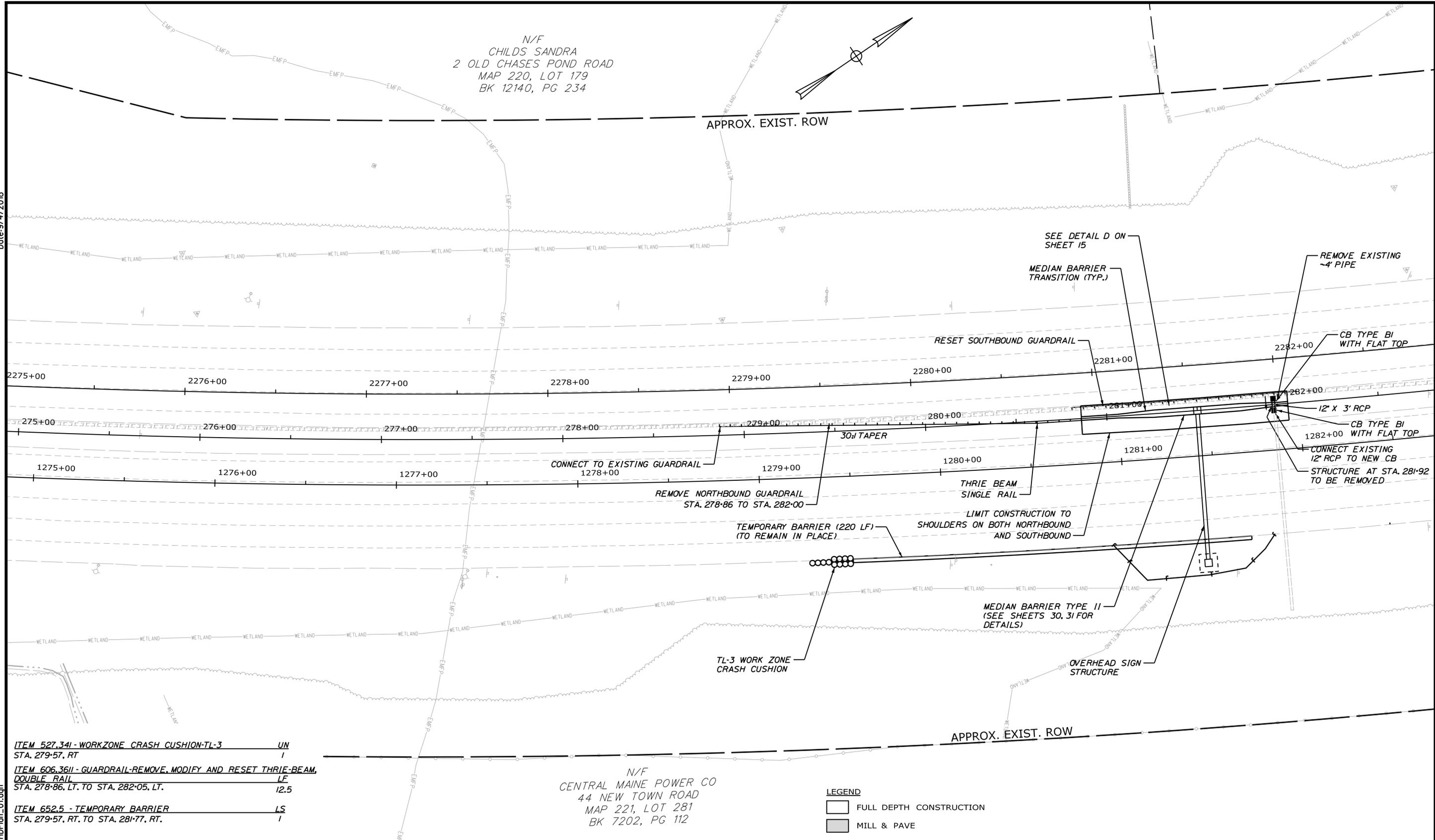
Date: 9/4/2018

Filename: ...00259637\094\_HDPlan\_01.dgn

N/F  
CHILDS SANDRA  
2 OLD CHASES POND ROAD  
MAP 220, LOT 179  
BK 12140, PG 234



APPROX. EXIST. ROW



|  |      |
|--|------|
| ITEM 527.341 - WORKZONE CRASH CUSHION-TL-3                                 | UN   |
| STA. 279-57, RT  | 1    |
| ITEM 606.3611 - GUARDRAIL-REMOVE, MODIFY AND RESET THRIE-BEAM, DOUBLE RAIL | LF   |
| STA. 278-86, LT. TO STA. 282+05, LT.                                       | 12.5 |
| ITEM 652.5 - TEMPORARY BARRIER   | LS   |
| STA. 279-57, RT. TO STA. 281-77, RT.                                       | 1    |

N/F  
CENTRAL MAINE POWER CO  
44 NEW TOWN ROAD  
BOSTON, MA 02116  
MAP 221, LOT 281  
BK 7202, PG 112

LEGEND

|  |                         |
|--|-------------------------|
|  | FULL DEPTH CONSTRUCTION |
|  | MILL & PAVE             |

Scale:

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |

Designed by:

# JACOBS

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | CSM | 7-18 | Checked      | RRP | 7-18 |
| Drawn    | AMS | 7-18 | In Charge of | TWM | 7-18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

THE GOLD STAR  
MEMORIAL HIGHWAY

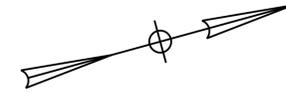
MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
GENERAL PLAN 1

SHEET NUMBER: GP-01  
94 OF 489

CONTRACT: 2018.20

N/F  
 BROWN, HENRY C.  
 5 BROWNS FREEHOLD  
 MAP 221 LOT 255  
 BK 3364 PG 110



APPROX. EXIST. ROW

STA. 2295+00  
 SOUTHBOUND  $\mathbb{B}$   
 BEGIN MILL AND PAVE  
 (TRAVELWAY, INSIDE SHOULDER,  
 AND OUTSIDE SHOULDER)

PT = STA. 2296+15.79

2295+00 2296+00  
 PT = STA. 296+15.79

STA. 1295+00  
 NORTHBOUND  $\mathbb{B}$   
 BEGIN MILL AND PAVE  
 (TRAVELWAY, INSIDE SHOULDER,  
 AND OUTSIDE SHOULDER)

PT = STA. 1296+15.79

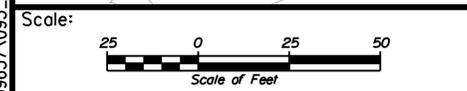
APPROX. EXIST. ROW

N/F  
 EARL K. HANSON  
 49 NEW TOWN ROAD  
 MAP 222 PG 189  
 BK 15386, PG 134

**LEGEND**  
 [White Box] FULL DEPTH CONSTRUCTION  
 [Grey Box] MILL & PAVE

Date: 9/4/2018

Filename: ... \0259637.095\_HDPlan\_02.dgn



Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | CSM | 7-18 | Checked      | RRP | 7-18 |
| Drawn    | SMG | 7-18 | In Charge of | TWM | 7-18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

**THE GOLD STAR  
 MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
 GENERAL PLAN 2

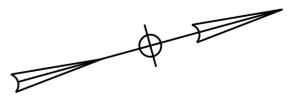
SHEET NUMBER: GP-02  
 CONTRACT: 2018.20  
 95 OF 489

N/F  
BROWN, HENRY C  
5 BROWNS FREEHOLD  
MAP 221 LOT 255  
BK 3364 PG 110

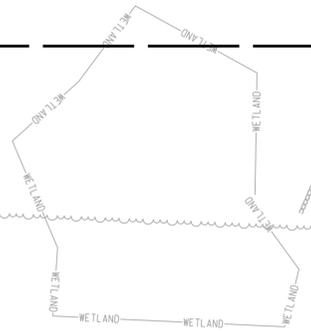
N/F  
MELANSON, JEREMY D & PATRICIA L  
7 BROWNS FREEHOLD  
MAP 221 LOT 257  
BK 17155 PG 331

N/F  
GARVEY, ALYSSA M & PIERCE, ADAM M  
9 BROWNS FREEHOLD  
MAP 221 LOT 259  
BK 17142 PG 995

GARVEY,



APPROX. EXIST. ROW



Date: 9/4/2018

2297+00 I-95 SB R 2298+00 2299+00 2300+00 2301+00 2302+00 2303+00 2304+00

N 15°18'56.74" E

297+00 I-95 C 298+00 299+00 300+00 301+00 302+00 303+00 304+00

N 15°18'56.74" E

1297+00 I-95 NB R 1298+00 1299+00 1300+00 1301+00 1302+00 1303+00 1304+00

N 15°18'56.74" E

STA. 1304+10  
NORTHBOUND R  
BEGIN SHOULDER WIDENING  
(OUTSIDE SHOULDER)

APPROX. EXIST. ROW

LEGEND  
 FULL DEPTH CONSTRUCTION  
 MILL & PAVE

N/F  
EARL K. HANSON  
49 NEW TOWN ROAD  
MAP 222 PG 189  
BK 15386, PG 134

Filename: ... \0259637\096\_HDPlan\_03.dgn

Scale:

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |

Designed by:

# JACOBS

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | CSM | 7-18 | Checked      | RRP | 7-18 |
| Drawn    | SMG | 7-18 | In Charge of | TWM | 7-18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

## THE GOLD STAR MEMORIAL HIGHWAY

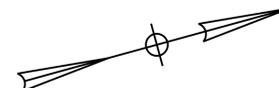
MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
 GENERAL PLAN 3  
 SHEET NUMBER: GP-03  
 CONTRACT: 2018.20  
 96 OF 489

N/F  
GARVEY, ALYSSA M & PIERCE, ADAM M  
9 BROWNS FREEHOLD  
MAP 221 LOT 259  
BK 17142 PG 995

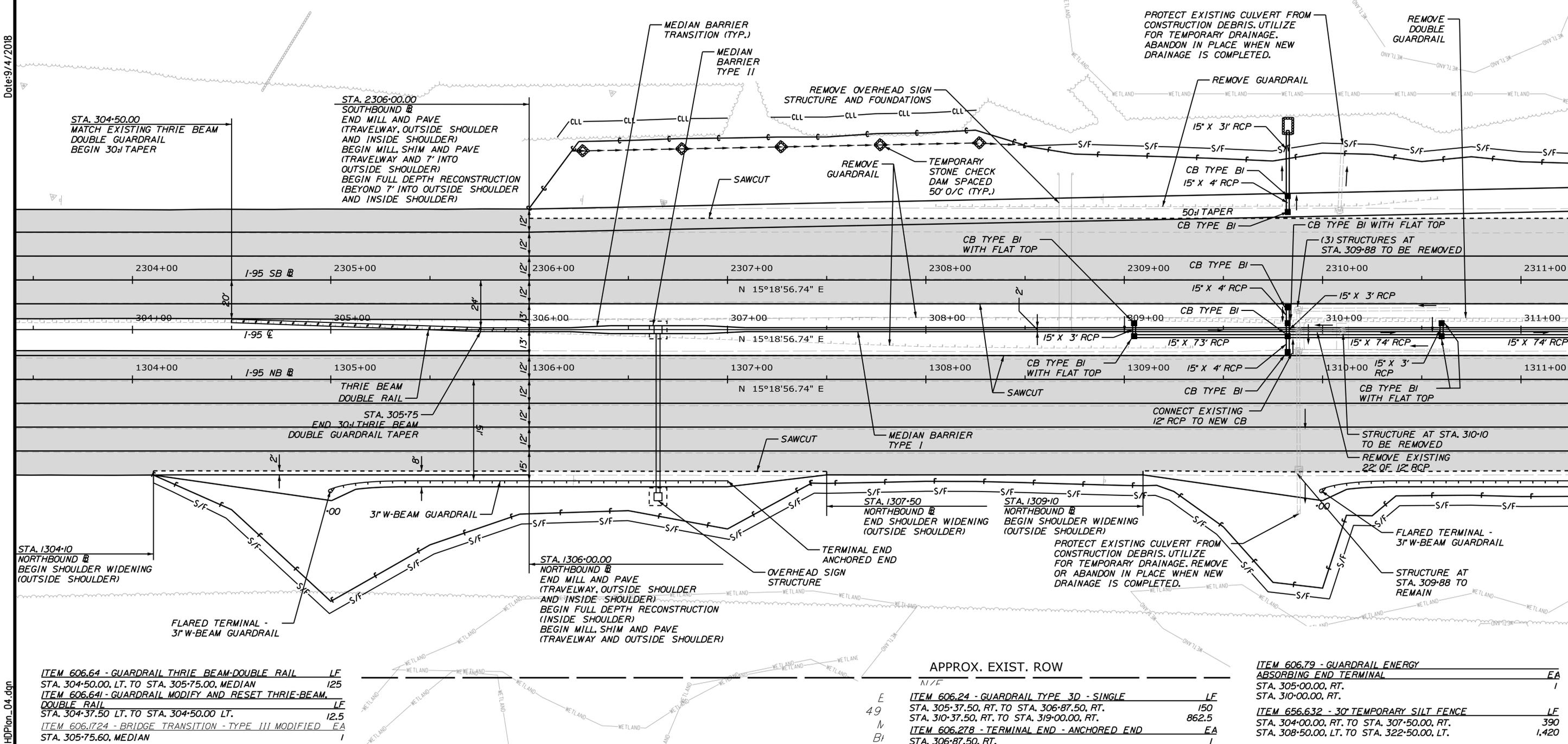
LEGEND  
  
FULL DEPTH CONSTRUCTION  
 MILL & PAVE

N/F  
HANSON, EARL K  
60-OLD EAST SCITUATE ROAD  
MAP 221 LOT 254  
BK 2619 PG 54



APPROX. EXIST. ROW

Date: 9/4/2018



ITEM 606.64 - GUARDRAIL THRIE BEAM-DOUBLE RAIL LF  
 STA. 304-50.00, LT. TO STA. 305-75.00, MEDIAN I25  
 ITEM 606.64I - GUARDRAIL MODIFY AND RESET THRIE-BEAM, DOUBLE RAIL LF  
 STA. 304-37.50 LT. TO STA. 304-50.00 LT. I2.5  
 ITEM 606.1724 - BRIDGE TRANSITION - TYPE III MODIFIED EA  
 STA. 305-75.60, MEDIAN I

APPROX. EXIST. ROW  
 N/F  
 E ITEM 606.24 - GUARDRAIL TYPE 3D - SINGLE LF  
 STA. 305-37.50, RT. TO STA. 306-87.50, RT. I50  
 STA. 310-37.50, RT. TO STA. 319-00.00, RT. 862.5  
 N ITEM 606.27B - TERMINAL END - ANCHORED END EA  
 STA. 306-87.50, RT. I

ITEM 606.79 - GUARDRAIL ENERGY ABSORBING END TERMINAL EA  
 STA. 305-00.00, RT. I  
 STA. 310-00.00, RT. I  
 ITEM 656.632 - 30' TEMPORARY SILT FENCE LF  
 STA. 304-00.00, RT. TO STA. 307-50.00, RT. 390  
 STA. 308-50.00, LT. TO STA. 322-50.00, LT. I,420

Scale:

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |

Designed by:

# JACOBS

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | CSM | 7-18 | Checked      | RRP | 7-18 |
| Drawn    | AMS | 7-18 | In Charge of | TWM | 7-18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

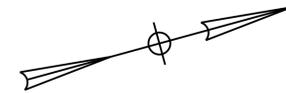
THE GOLD STAR  
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
 GENERAL PLAN 4  
 SHEET NUMBER: GP-04  
 CONTRACT: 2018.20  
 97 OF 489

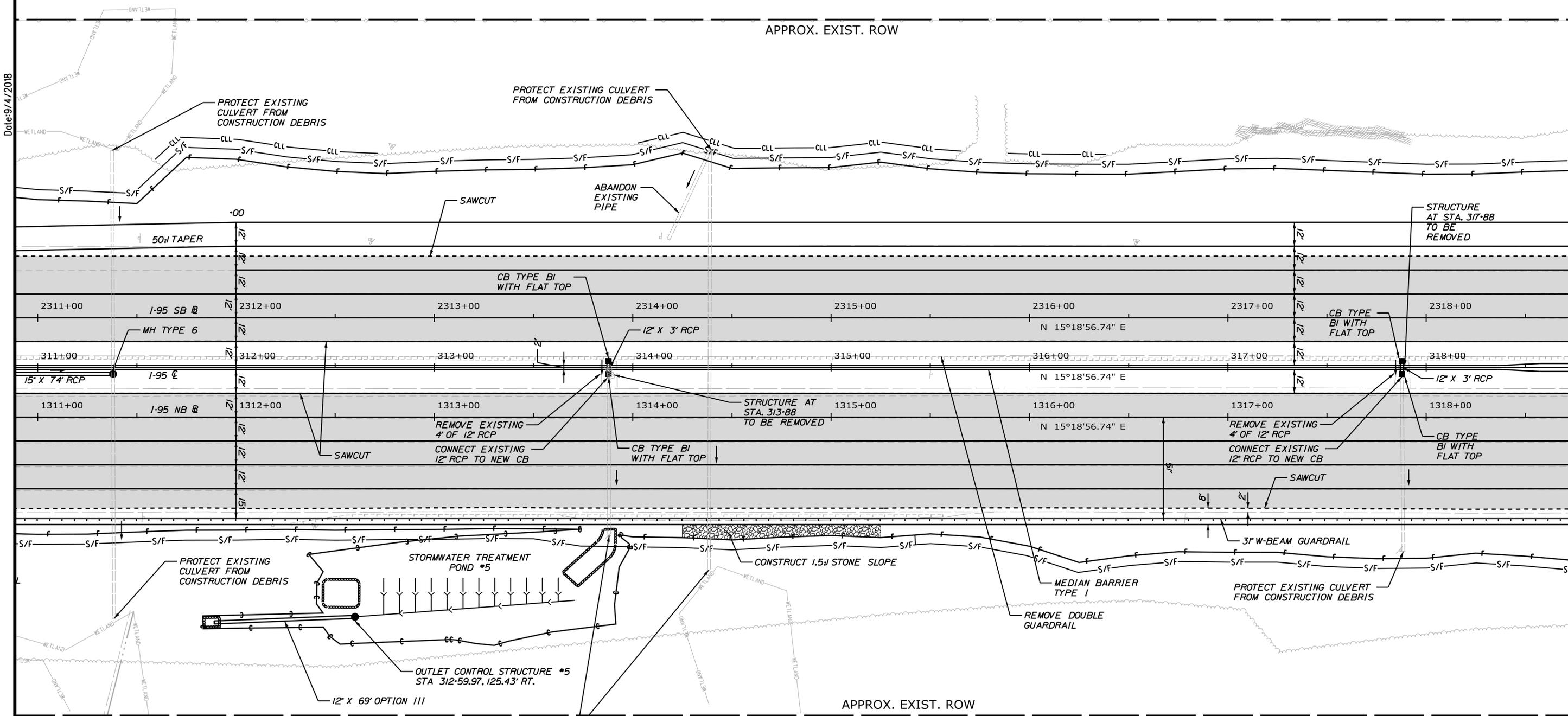
Filename: ...02596371097\_HDPlan\_04.dgn

N/F  
 HANSON, EARL K  
 60 OLD EAST SCITUATE ROAD  
 MAP 221 LOT 254  
 BK 2619 PG 54



Date: 9/4/2018

APPROX. EXIST. ROW



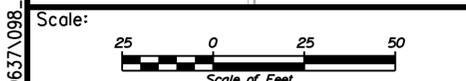
**LEGEND**

|  |                         |
|--|-------------------------|
|  | FULL DEPTH CONSTRUCTION |
|  | MILL & PAVE             |

PROTECT EXISTING CULVERT FROM CONSTRUCTION DEBRIS

N/F  
 EARL K. HANSON  
 49 NEW TOWN ROAD  
 MAP 222 PG 189  
 BK 15386, PG 134

APPROX. EXIST. ROW



Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | CSM | 7-18 | Checked      | RRP | 7-18 |
| Drawn    | AMS | 7-18 | In Charge of | TWM | 7-18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

**THE GOLD STAR MEMORIAL HIGHWAY**

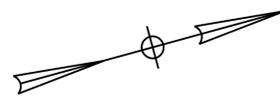
MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
 GENERAL PLAN 5

SHEET NUMBER: GP-05  
 CONTRACT: 2018.20  
 98 OF 489

Filename: ...00259637\_098\_HDPlan\_05.dgn

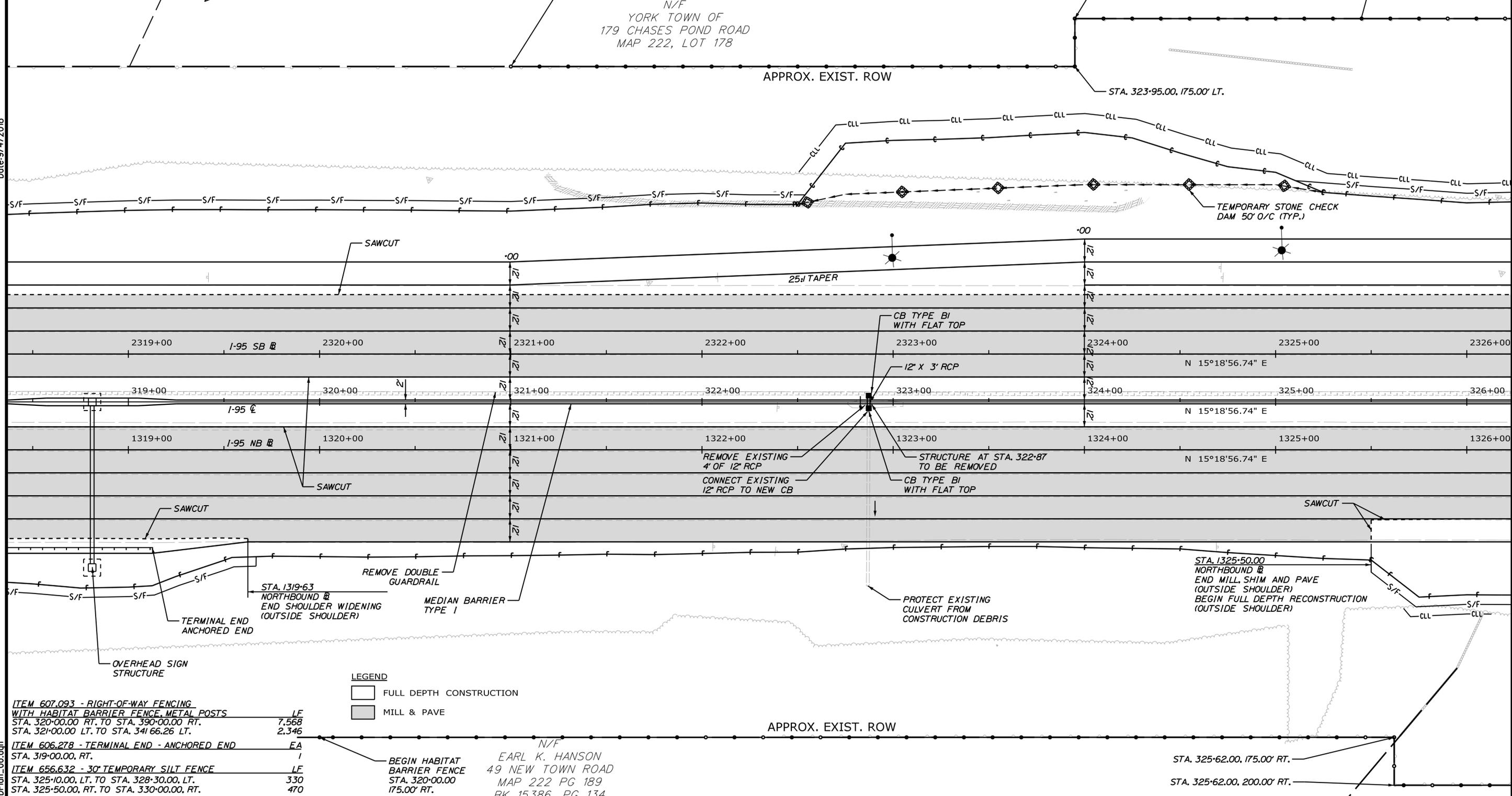
Date: 9/4/2018  
 File name: ...0259637\099\_HDPlan\_06.dwg



BEGIN HABITAT BARRIER FENCE  
 STA. 321+00.00, 175.00' LT.  
 N/F  
 YORK TOWN OF  
 179 CHASES POND ROAD  
 MAP 222, LOT 178

APPROX. EXIST. ROW

STA. 323+95.00, 200.00' LT.  
 STA. 323+95.00, 175.00' LT.



**LEGEND**  
 [White Box] FULL DEPTH CONSTRUCTION  
 [Grey Box] MILL & PAVE

- ITEM 607.093 - RIGHT-OF-WAY FENCING WITH HABITAT BARRIER FENCE METAL POSTS  
 STA. 320+00.00 RT. TO STA. 390+00.00 RT.  
 STA. 321+00.00 LT. TO STA. 341+66.26 LT. LF 7,568  
2,346
- ITEM 606.278 - TERMINAL END - ANCHORED END  
 STA. 319+00.00, RT. EA 1
- ITEM 656.632 - 30' TEMPORARY SILT FENCE  
 STA. 325+10.00, LT. TO STA. 328+30.00, LT.  
 STA. 325+50.00, RT. TO STA. 330+00.00, RT. LF 330  
470

BEGIN HABITAT BARRIER FENCE  
 STA. 320+00.00  
 175.00' RT.  
 N/F  
 EARL K. HANSON  
 49 NEW TOWN ROAD  
 MAP 222 PG 189  
 BK 15386, PG 134

APPROX. EXIST. ROW

STA. 325+62.00, 175.00' RT.  
 STA. 325+62.00, 200.00' RT.

Scale:

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |

Designed by:

# JACOBS

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | CSM | 7-18 | Checked      | RRP | 7-18 |
| Drawn    | SMG | 7-18 | In Charge of | TWM | 7-18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

## THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD

## YORK TOLL PLAZA

### GENERAL PLAN 6

SHEET NUMBER: GP-06  
 CONTRACT: 2018.20  
 99 OF 489

ITEM 606.24 - GUARDRAIL TYPE 3D - SINGLE LF  
 STA. 329+27.50, RT. TO STA. 332+15.00, RT. 287.5  
 ITEM 606.278 - TERMINAL END - ANCHORED END EA  
 STA. 332+27.50, RT. 1  
 ITEM 606.79 - GUARDRAIL ENERGY ABSORBING END TERMINAL EA  
 STA. 328+90.00, RT.

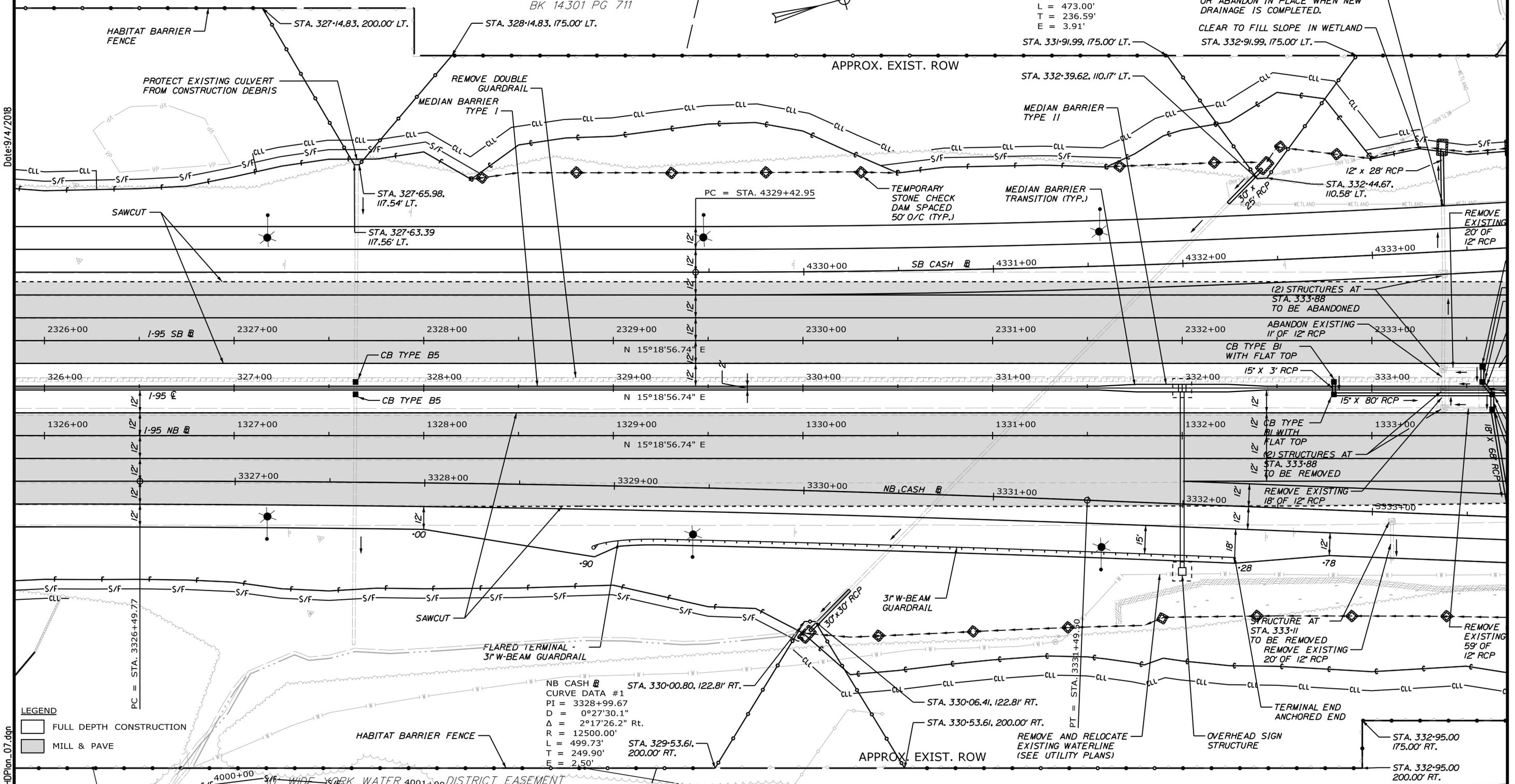
N/F  
 CARR VICTORIA L/JEFFREY M  
 3 WOODS RUN  
 MAP 222 LOT 168  
 BK 14301 PG 711

N/F  
 CLARK CURTIS W JR  
 4 WOODS RUN  
 MAP 222 LOT 166  
 BK 14692 PG 721

SB CASH #1  
 CURVE DATA #1  
 PI = 4331+79.54  
 D = 0°48'00.0"  
 Δ = 3°47'02.4" Lt.  
 R = 7162.00'  
 L = 473.00'  
 T = 236.59'  
 E = 3.91'

ITEM 656.632 - 30" TEMPORARY SILT FENCE LF  
 STA. 330+40.00, LT. TO STA. 331+70.0, LT. 130  
 STA. 333+00.00, LT. TO STA. 335+75.0, LT. 285

CLARK CURTIS W JR  
 4 WOODS RUN  
 MAP 222  
 BK 14692

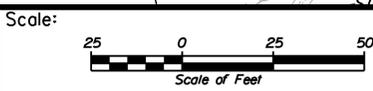


Date: 9/4/2018

Filename: ...002596371.100\_HDPlan\_07.dgn

LEGEND

|  |                         |
|--|-------------------------|
|  | FULL DEPTH CONSTRUCTION |
|  | MILL & PAVE             |



Designed by:

**JACOBS**

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

|                                      |          |              |          |    |      |
|--------------------------------------|----------|--------------|----------|----|------|
| CONSULTANT PROJECT MANAGER: T. MORIN |          |              |          |    |      |
| By                                   | Date     | By           | Date     | By | Date |
| Designed                             | CSM 7-18 | Checked      | RRP 7-18 |    |      |
| Drawn                                | AMS 7-18 | In Charge of | TWM 7-18 |    |      |

**MAINE TURNPIKE**

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

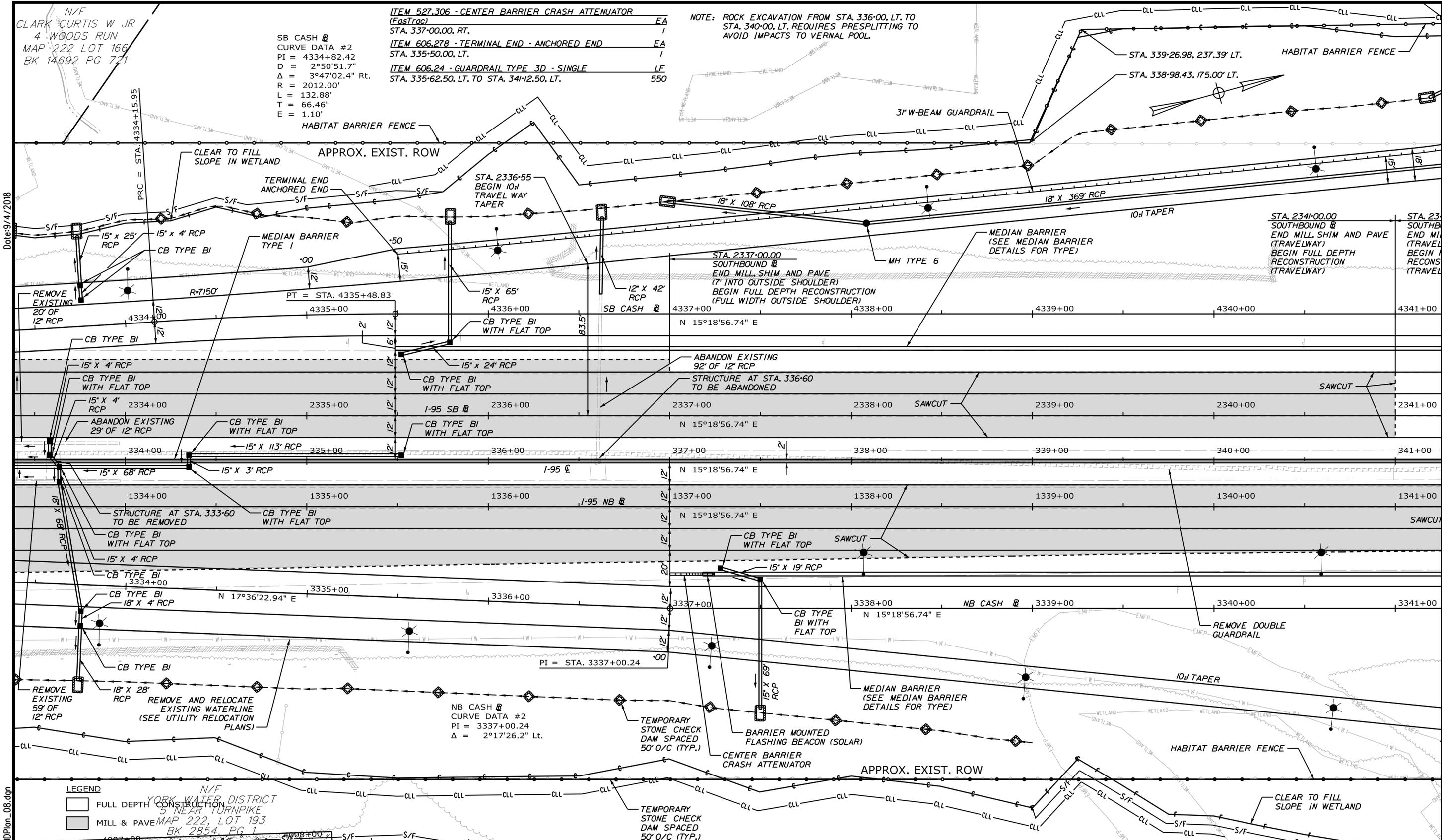
YORK TOLL PLAZA

GENERAL PLAN 7

SHEET NUMBER: GP-07

100 OF 489

CONTRACT: 2018.20



Date: 9/4/2018

Filename: ...00259637.101\_HDPlan\_08.dgn

Designed by:



JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824



THE GOLD STAR  
MEMORIAL HIGHWAY

YORK TOLL PLAZA  
GENERAL PLAN 8

CONSULTANT PROJECT MANAGER: T. MORIN

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | CSM | 7-18 | Checked      | RRP | 7-18 |
| Drawn    | AMS | 7-18 | In Charge of | TWM | 7-18 |

MTA PROJECT MANAGER: R. NORWOOD

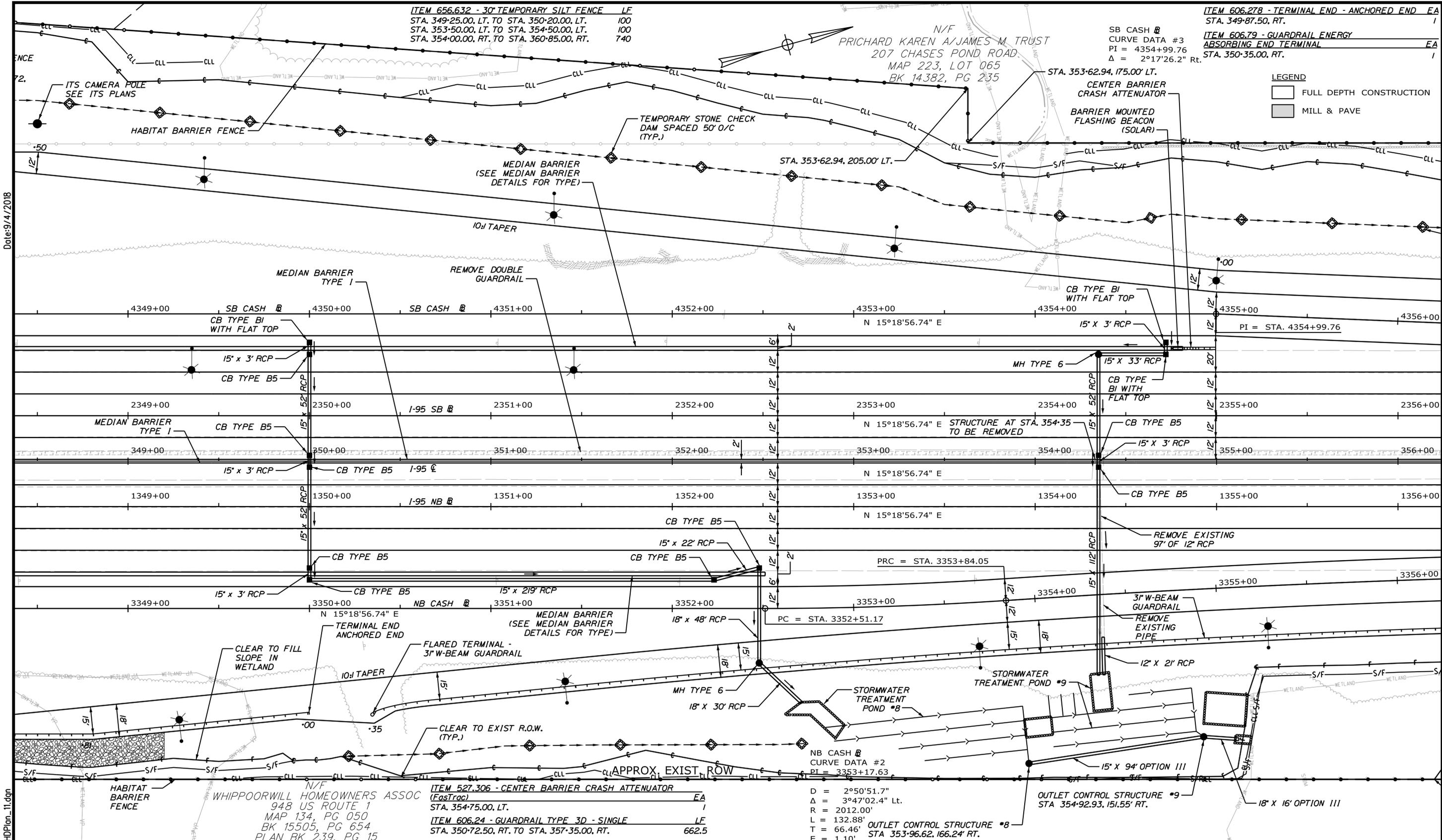
CONTRACT: 2018.20

SHEET NUMBER: GP-08

101 OF 489







Date: 9/4/2018

Filename: ...00259637.104\_HDPlan\_11.dgn

Scale:

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

Designed by:

# JACOBS

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | CSM | 7-18 | Checked      | RRP | 7-18 |
| Drawn    | AMS | 7-18 | In Charge of | TWM | 7-18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

## THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

GENERAL PLAN 11

SHEET NUMBER: GP-11  
 CONTRACT: 2018.20  
 104 OF 489

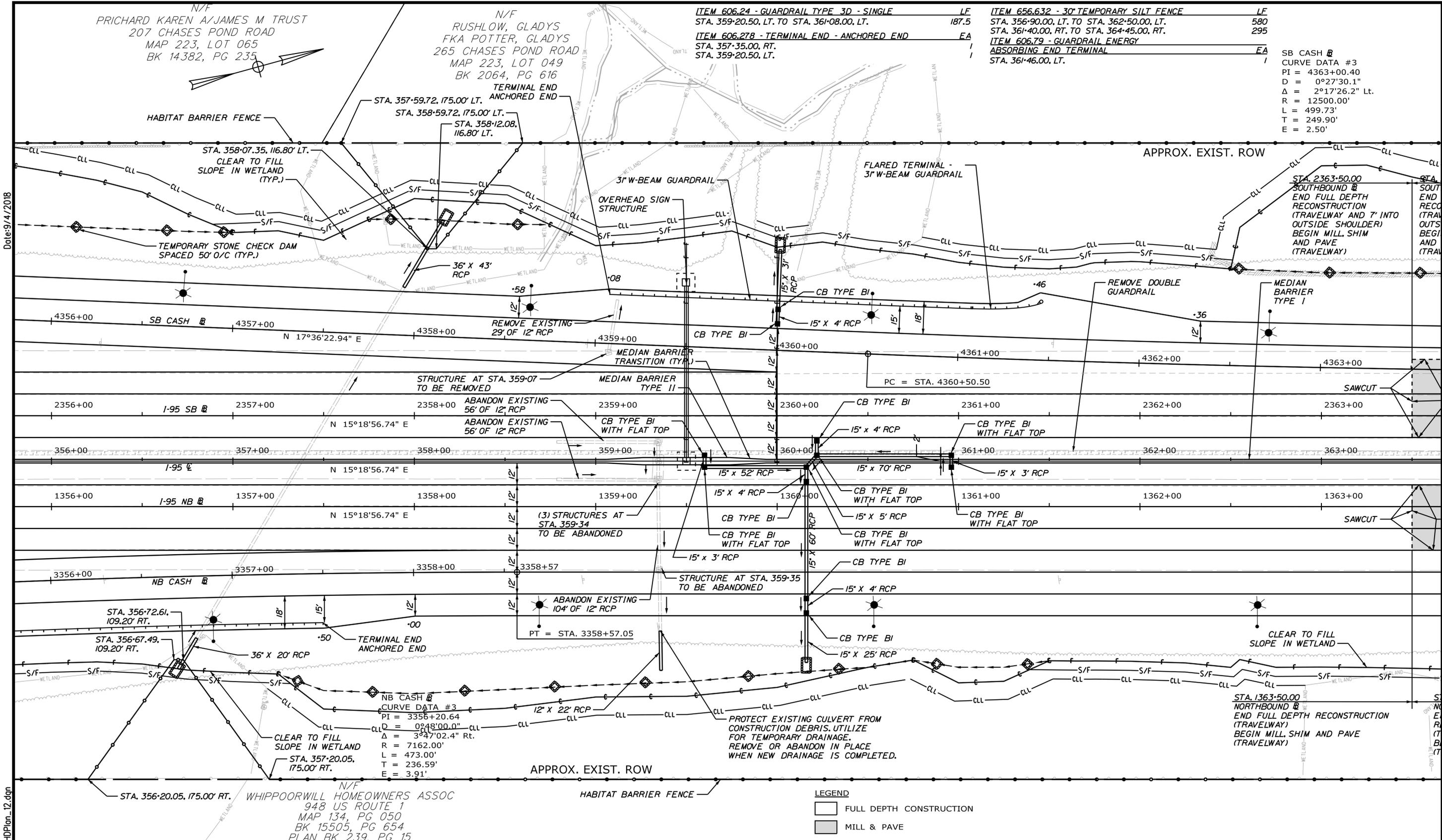
N/F  
PRICHARD KAREN A/JAMES M TRUST  
207 CHASES POND ROAD  
MAP 223, LOT 065  
BK 14382, PG 235

N/F  
RUSHLOW, GLADYS  
FKA POTTER, GLADYS  
265 CHASES POND ROAD  
MAP 223, LOT 049  
BK 2064, PG 616

ITEM 606.24 - GUARDRAIL TYPE 3D - SINGLE LF  
STA. 359+20.50, LT. TO STA. 361+08.00, LT. 187.5  
ITEM 606.278 - TERMINAL END - ANCHORED END EA  
STA. 357+35.00, RT.  
STA. 359+20.50, LT.

ITEM 656.632 - 30' TEMPORARY SILT FENCE LF  
STA. 356+90.00, LT. TO STA. 362+50.00, LT. 580  
STA. 361+40.00, RT. TO STA. 364+45.00, RT. 295  
ITEM 606.79 - GUARDRAIL ENERGY ABSORBING END TERMINAL EA  
STA. 361+46.00, LT. 1

SB CASH #3  
CURVE DATA #3  
PI = 4363+00.40  
D = 0°27'30.1"  
Δ = 2°17'26.2" Lt.  
R = 12500.00'  
L = 499.73'  
T = 249.90'  
E = 2.50'



Date: 9/4/2018

Filename: ... \02596371.105\_HDPlan\_12.dgn

Scale:

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

Designed by:

# JACOBS

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | CSM | 7-18 | Checked      | RRP | 7-18 |
| Drawn    | AMS | 7-18 | In Charge of | TWM | 7-18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

## THE GOLD STAR MEMORIAL HIGHWAY

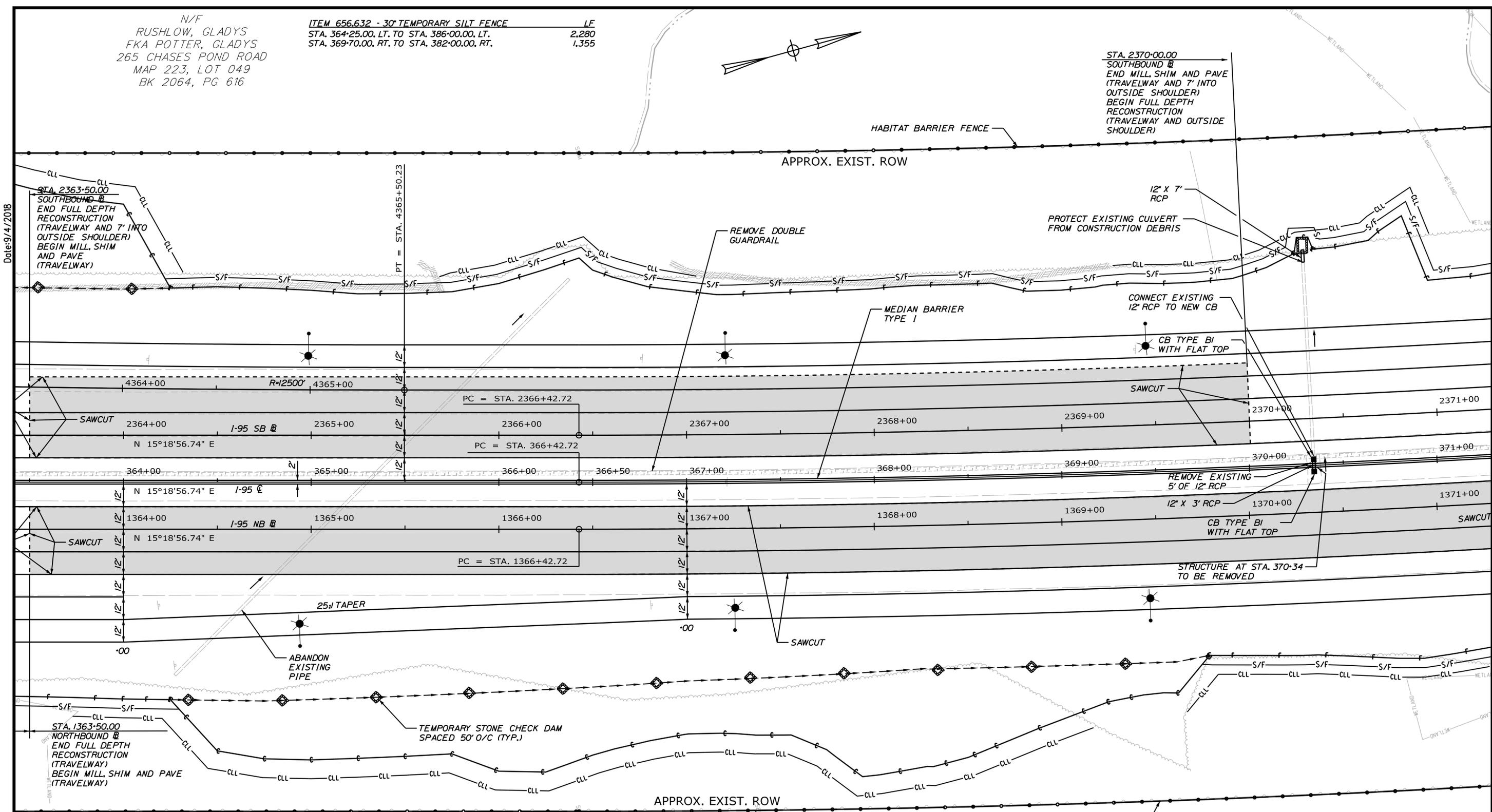
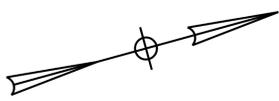
MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
GENERAL PLAN 12  
SHEET NUMBER: GP-12  
CONTRACT: 2018.20  
105 OF 489

N/F  
RUSHLOW, GLADYS  
FKA POTTER, GLADYS  
265 CHASES POND ROAD  
MAP 223, LOT 049  
BK 2064, PG 616

ITEM 656.632 - 30' TEMPORARY SILT FENCE LF  
STA. 364+25.00, LT. TO STA. 386+00.00, LT. 2,280  
STA. 369+70.00, RT. TO STA. 382+00.00, RT. 1,355

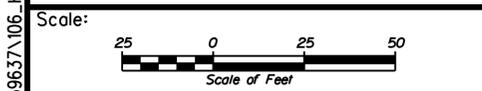
Date: 9/4/2018



**LEGEND**  
 [Hatched Box] FULL DEPTH CONSTRUCTION  
 [Solid Box] MILL & PAVE

N/F  
WHIPPOORWILL HOMEOWNERS ASSOC  
948 US ROUTE 1  
MAP 134, PG 050  
BK 15505, PG 654  
PLAN BK 239, PG 15

N/F  
TRAFTON, ELIZABETH HRS  
4 NEAR TURNPIKE  
MAP 223, LOT 141  
BK 1080, PG 149



| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |

Designed by:

# JACOBS

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | CSM | 7-18 | Checked      | RRP | 7-18 |
| Drawn    | AMS | 7-18 | In Charge of | TWM | 7-18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

**THE GOLD STAR  
MEMORIAL HIGHWAY**

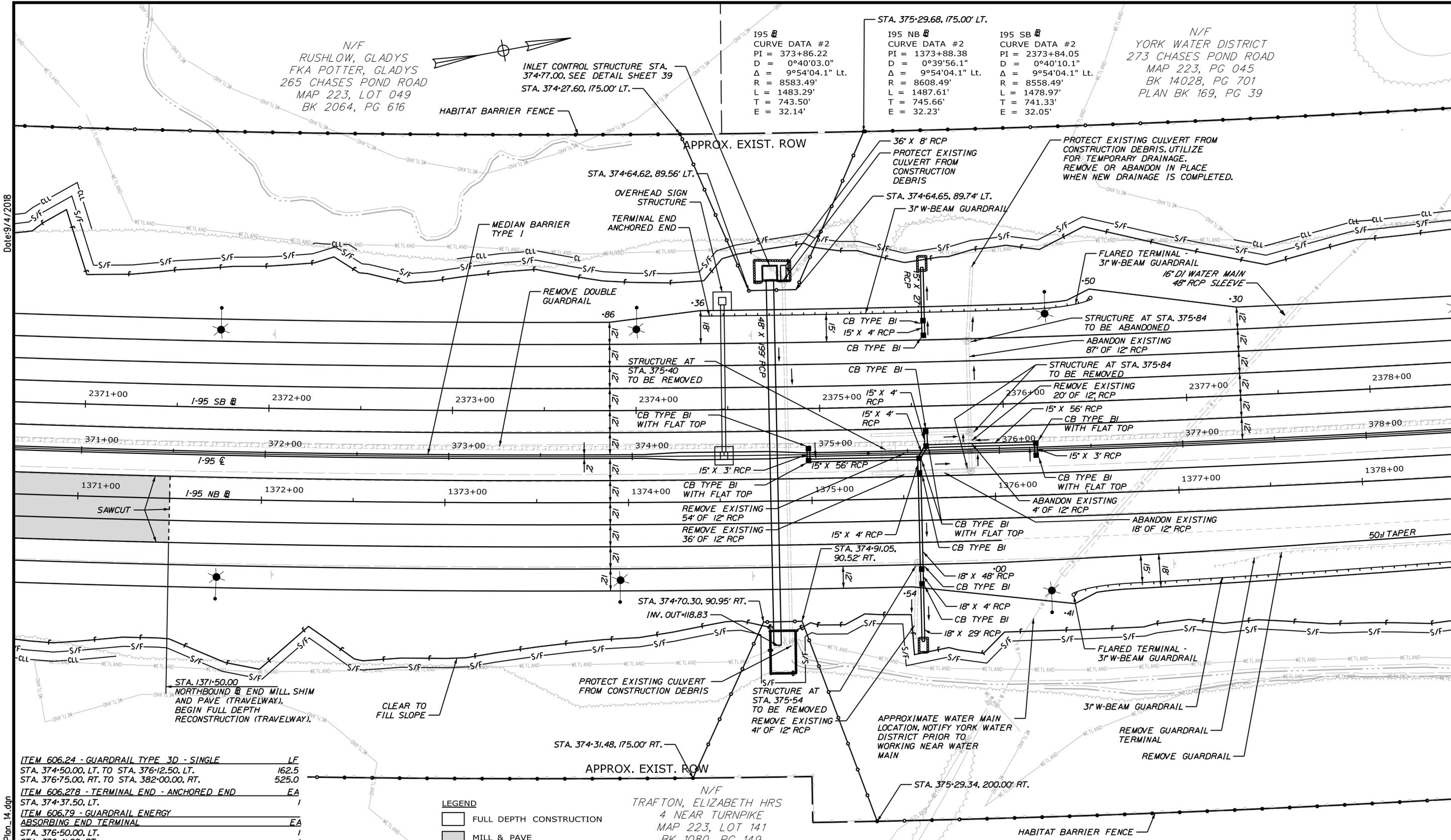
MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
GENERAL PLAN 13

SHEET NUMBER: GP-13  
106 OF 489

CONTRACT: 2018.20

Filename: ... \02596371.106\_HDPlan\_13.dgn



N/F  
RUSHLOW, GLADYS  
FKA POTTER, GLADYS  
265 CHASES POND ROAD  
MAP 223, LOT 049  
BK 2064, PG 616

INLET CONTROL STRUCTURE STA.  
374-77.00, SEE DETAIL SHEET 39  
STA. 374-27.60, 175.00' LT.

195 SB  
CURVE DATA #2  
PI = 373+86.22  
D = 0°40'03.0"  
Δ = 9°54'04.1" Lt.  
R = 8583.49'  
L = 1483.29'  
T = 743.50'  
E = 32.14'

195 NB  
CURVE DATA #2  
PI = 1373+88.38  
D = 0°39'56.1"  
Δ = 9°54'04.1" Lt.  
R = 8608.49'  
L = 1487.61'  
T = 745.66'  
E = 32.23'

195 SB  
CURVE DATA #2  
PI = 2373+84.05  
D = 0°40'10.1"  
Δ = 9°54'04.1" Lt.  
R = 8558.49'  
L = 1478.97'  
T = 741.33'  
E = 32.05'

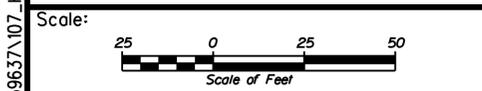
N/F  
YORK WATER DISTRICT  
273 CHASES POND ROAD  
MAP 223, PG 045  
BK 14028, PG 701  
PLAN BK 169, PG 39

Date: 9/4/2018

|   |       |
|---|-------|
| ITEM 606.24 - GUARDRAIL TYPE 3D - SINGLE              | LF    |
| STA. 374-50.00, LT. TO STA. 376+12.50, LT.            | 162.5 |
| STA. 376-75.00, RT. TO STA. 382-00.00, RT.            | 525.0 |
| ITEM 606.278 - TERMINAL END - ANCHORED END            | EA    |
| STA. 374-37.50, LT.                                   | 1     |
| ITEM 606.79 - GUARDRAIL ENERGY ABSORBING END TERMINAL | EA    |
| STA. 376-50.00, LT.                                   | 1     |
| STA. 376-41.00, RT.                                   | 1     |

LEGEND

|  |                         |
|--|-------------------------|
|  | FULL DEPTH CONSTRUCTION |
|  | MILL & PAVE             |



Designed by:

# JACOBS

CONSULTANT PROJECT MANAGER: T. MORIN

|          |          |              |          |
|----------|----------|--------------|----------|
| By       | Date     | By           | Date     |
| Designed | CSM 7-18 | Checked      | RRP 7-18 |
| Drawn    | AMS 7-18 | In Charge of | TWM 7-18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

THE GOLD STAR  
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
GENERAL PLAN 14

SHEET NUMBER: GP-14  
107 OF 489

CONTRACT: 2018.20

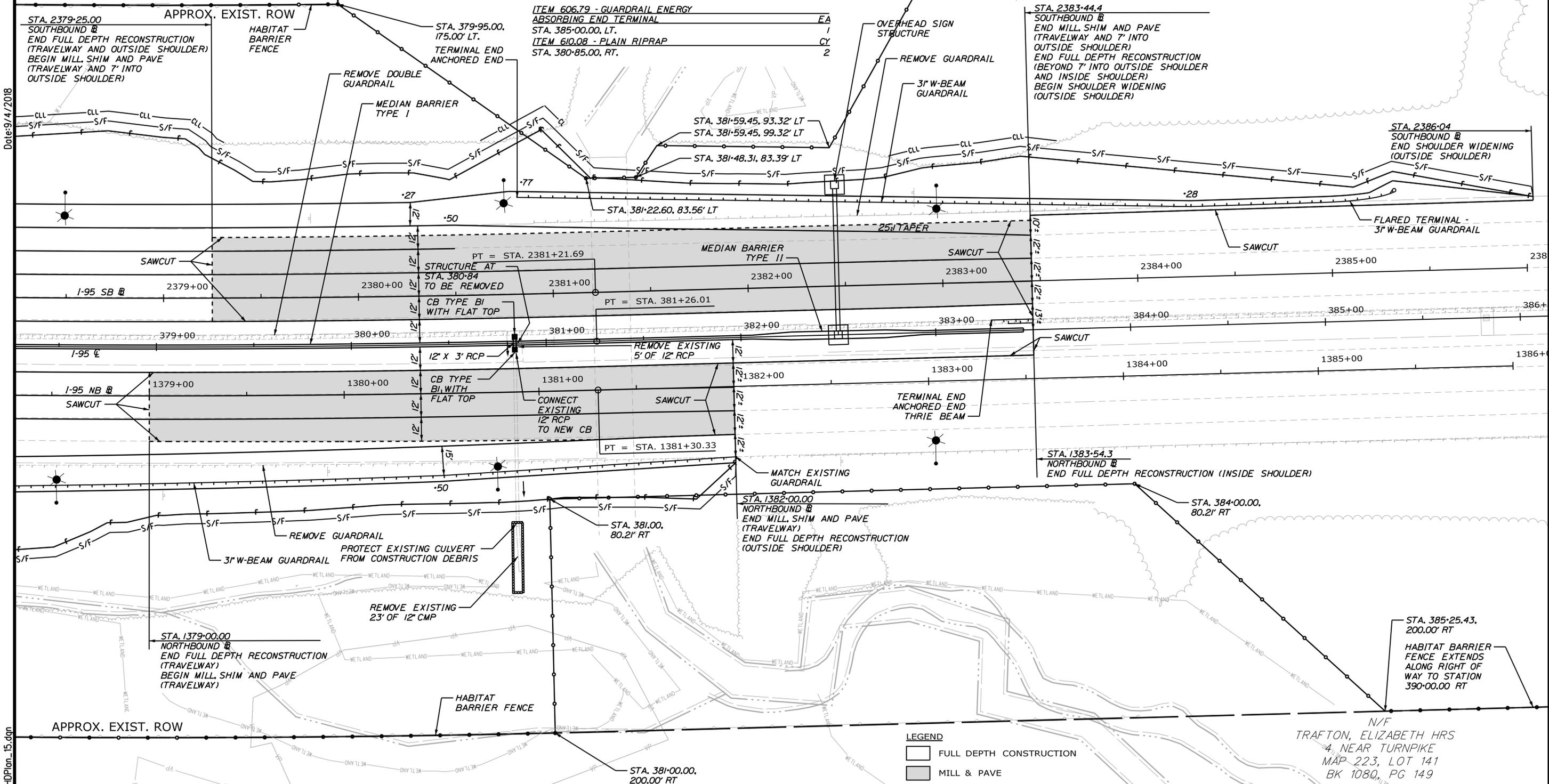
Filename: ...00259637\107\_HDPlan\_14.dgn

N/F  
YORK WATER DISTRICT  
273 CHASES POND ROAD  
MAP 223, PG 045  
BK 14028, PG 701  
PLAN BK 169, PG 39

ITEM 606.24 - GUARDRAIL TYPE 3D - SINGLE LF  
STA. 381+00.00, LT. TO STA. 385+00.00, LT. 400  
ITEM 606.278 - TERMINAL END - ANCHORED END EA  
STA. 380+87.50, LT. 1  
ITEM 606.279 - TERMINAL END - ANCHORED END, THRIE BEAM EA  
STA. 283+37.50, LT. 1  
ITEM 606.641 - GUARDRAIL MODIFY AND RESET THRIE-BEAM, DOUBLE RAIL LF  
STA. 383+37.50 TO STA. 383+62.50 25.0

N/F  
YORK WATER DISTRICT  
273 CHASES POND ROAD  
MAP 223, PG 045  
BK 14028, PG 701  
PLAN BK 169, PG 39

Date: 9/4/2018



Scale: 1" = 25'

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

# JACOBS

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | CSM | 7-18 | Checked      | RRP | 7-18 |
| Drawn    | AMS | 7-18 | In Charge of | TWM | 7-18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

THE GOLD STAR  
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
GENERAL PLAN 15

SHEET NUMBER: GP-15  
108 OF 489

Filename: ...002596371.108\_HDPlan\_15.dgn

ITEM 656.632 - 30' TEMPORARY SILT FENCE LF  
 STA. 20+15.00, LT. TO STA. 22+00.00, LT. 215



STA. 20+08  
 ACCESS ROAD #  
 BEGIN MILL, SHIM AND PAVE

STA. 20+12  
 ACCESS ROAD #  
 END MILL, SHIM AND PAVE  
 BEGIN FULL DEPTH CONSTRUCTION

CHASES POND ROAD

SAWCUT

POB = STA. 20+00.00  
 15' X 52' OPTION III

N/F  
 WILLIAM A. MEADER IV & RADKA MEADER  
 173 CHASES POND RD.  
 MAP 94, LOT 35D  
 BK 14941, PG 183

N/F  
 KENNETH W. JR. &  
 KAREN J. HIRSCH  
 175 CHASES POND RD.  
 MAP 94, LOT 35E  
 BK 17449, PG 133

TEMPORARY  
 STONE CHECK  
 DAM SPACED  
 50' O/C (TYP.)

N/F  
 MAINE TURNPIKE  
 AUTHORITY

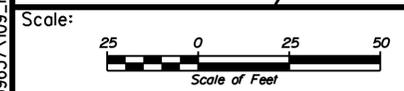
N/F  
 JAMES R. RUTHERFORD III  
 & JOANNE RUTHERFORD  
 191 CHASES POND RD.  
 MAP 94, LOT 36  
 BK 2361, PG 148

PC = STA. 21+57.63

CURVE DATA  
 PI = 22+50  
 D = 16+50  
 R = 20+22  
 L = 350.00'  
 T = 181.65'  
 E = 92.92'  
 Δ = 12.13'

Date: 9/4/2018

Filename: ...\\02596371.109\_HDPlan\_16.dgn



| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | CSM | 7-18 | Checked      | RRP | 7-18 |
| Drawn    | AMS | 7-18 | In Charge of | TWM | 7-18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

**THE GOLD STAR  
 MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

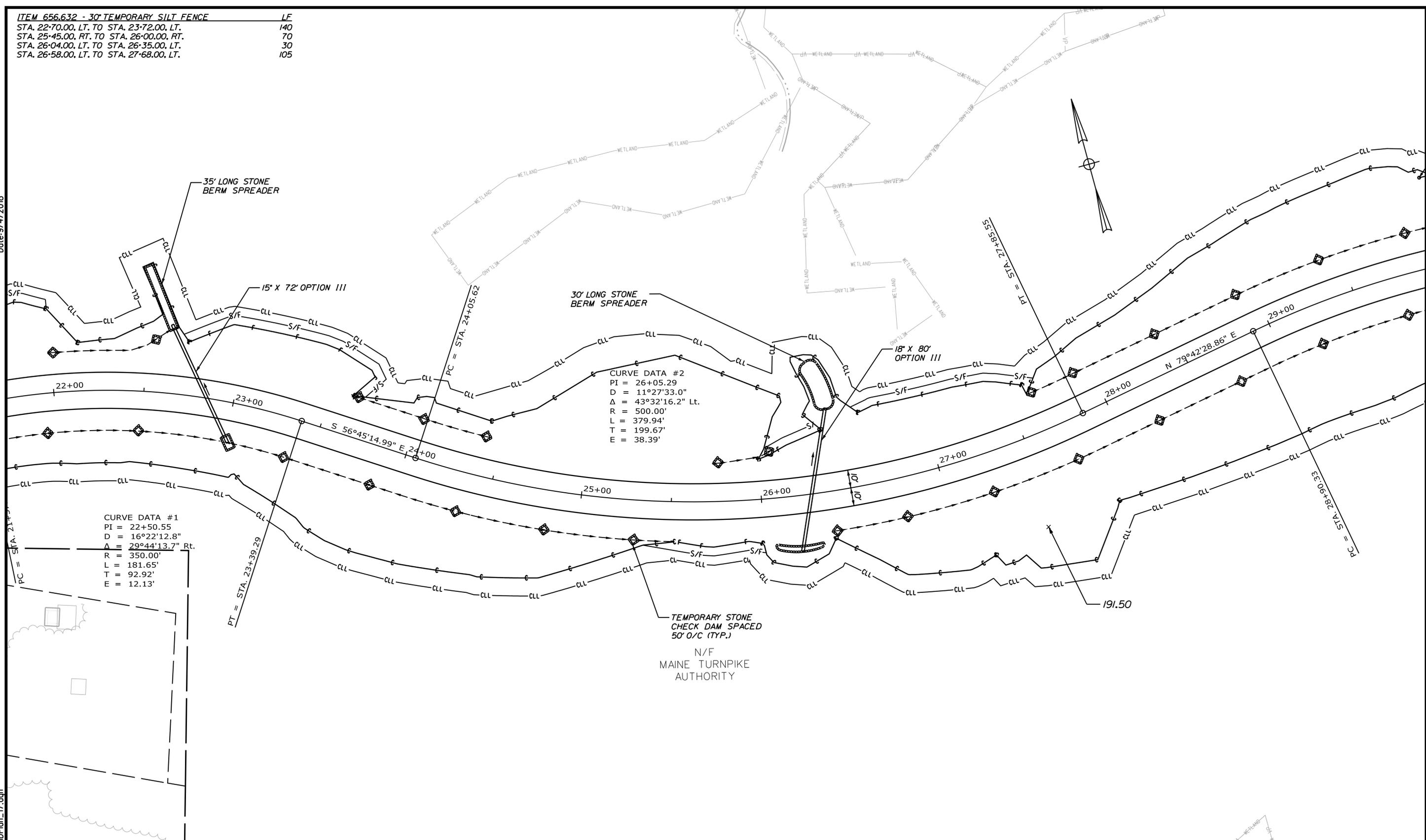
YORK TOLL PLAZA  
 GENERAL PLAN 16

SHEET NUMBER: GP-16  
 CONTRACT: 2018.20  
 109 OF 489

ITEM 656.632 - 30' TEMPORARY SILT FENCE LF  
 STA. 22+70.00, LT. TO STA. 23+72.00, LT. 140  
 STA. 25+45.00, RT. TO STA. 26+00.00, RT. 70  
 STA. 26+04.00, LT. TO STA. 26+35.00, LT. 30  
 STA. 26+58.00, LT. TO STA. 27+68.00, LT. 105

Date: 9/4/2018

Filename: ...0259637\110\_HDPlan\_17.dgn



Scale: 1" = 25'

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | CSM | 7-18 | Checked      | RRP | 7-18 |
| Drawn    | AMS | 7-18 | In Charge of | TWM | 7-18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

**MAINE TURNPIKE**

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

GENERAL PLAN 17

SHEET NUMBER: GP-17

CONTRACT: 2018.20

110 OF 489

ITEM 607.093 - RIGHT-OF-WAY FENCING  
 WITH HABITAT BARRIER FENCE, METAL POSTS  
 LF 328  
 STA. 30+00.00 RT. TO STA. 32+33.15 RT.  
 STA. 30+00.00 LT. TO STA. 31+95.70 LT.  
 STA. 344+13.05 LT. TO STA. 383+50.00 LT.

CURVE DATA #3  
 PI = 30+04.03  
 D = 11°27'33.0"  
 Δ = 25°37'21.0" Rt.  
 R = 500.00'  
 L = 223.60'  
 T = 113.70'  
 E = 12.76'



END HABITAT BARRIER FENCE  
 STA. 30+00.00, 65.00' RT.

BEGIN HABITAT BARRIER FENCE  
 STA. 30+00.00, 50.00' LT.

PT = STA. 31+13.93

TEMPORARY STONE CHECK DAM SPACED 50' O/C (TYP.)

N/F MAINE TURNPIKE AUTHORITY

N/F MAINE TURNPIKE AUTHORITY

SEE SITE PLAN SHEET SP-01 FOR PARKING AND GRADING DETAILS

STA. 32+08.80, 65.00' RT.

STA. 32+76.3 ACCESS ROAD END FULL DEPTH CONSTRUCTION

STA. 31+95.70, 50.00' LT.  
 STA. 344+13.05, 383.46' LT.

STA. 341+66.26, 346.07' LT.  
 STA. 32+33.15, 196.78' RT.

OUTLET CONTROL STRUCTURE #7  
 STA 342+23.39, 231.22' LT.

OUTLET CONTROL STRUCTURE #6  
 STA 341+96.32, 257.48' LT.

STORMWATER TREATMENT POND #6

12' X 16' OPTION III

MH TYPE 6  
 STA 342+10.73, 243.51' LT.

12' X 14' OPTION III

15' X 100' OPTION III

STA. 341+30.30, 240.71' LT.

TERMINAL CURB TYPE I

STORMWATER TREATMENT POND #7

PARKING

15' X 43' OPTION III

12' X 111' OPTION III

POE = STA. 32+76.27

343+63.52, 270.92' LT.

344+78.52, 270.89' LT.

12' X 69' DUCTILE IRON

ADMINISTRATION BUILDING  
 344+43.33, 199.00' LT.

345+15.84, 199.00' LT.

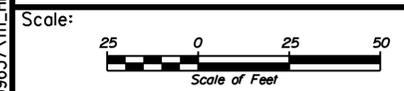
CB TYPE AI-C  
 10' SDR-35  
 L = 108'  
 S = 0.0060

STA. 345+55.32, 320.38' LT.

STA. 346+19.53, 245.00' LT.

Date: 9/4/2018

Filename: ...00259637\111\_HDPlan\_18.dgn



Designed by:



JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824



THE GOLD STAR MEMORIAL HIGHWAY

YORK TOLL PLAZA  
 GENERAL PLAN 18

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

| CONSULTANT PROJECT MANAGER: T. MORIN |     |      |              |     |      |
|--------------------------------------|-----|------|--------------|-----|------|
|                                      | By  | Date |              | By  | Date |
| Designed                             | CSM | 7-18 | Checked      | RRP | 7-18 |
| Drawn                                | AMS | 7-18 | In Charge of | TWM | 7-18 |

MTA PROJECT MANAGER: R. NORWOOD

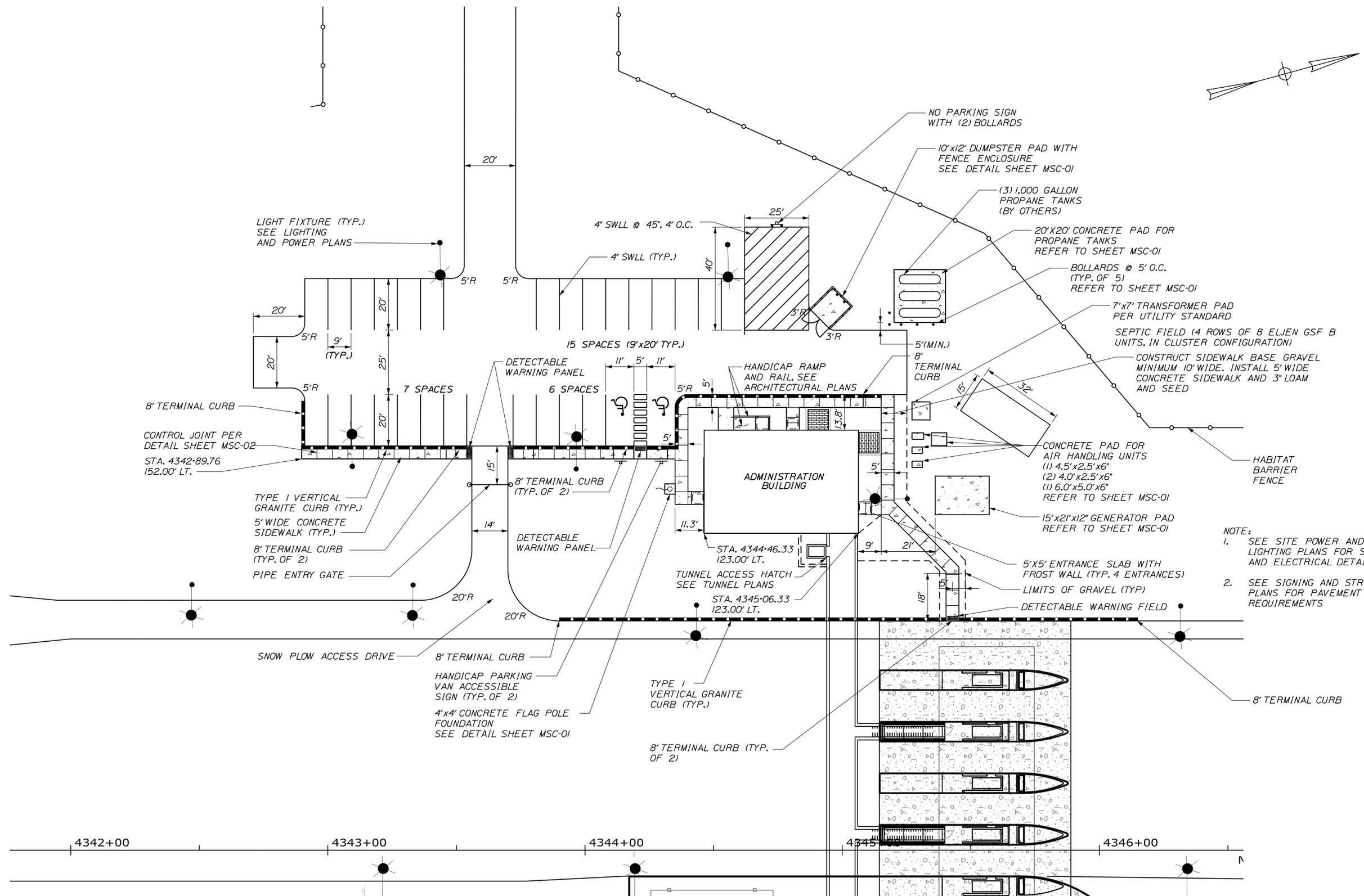
CONTRACT: 2018.20

SHEET NUMBER: GP-18

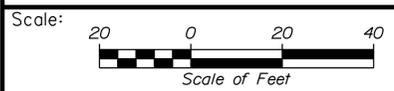
111 OF 489

Date: 8/28/2018

Filename: ...MSTA112\_Admin\_Site\_Plan.dgn



- NOTE:
- SEE SITE POWER AND LIGHTING PLANS FOR SITE LIGHTING AND ELECTRICAL DETAILS
  - SEE SIGNING AND STRIPING PLANS FOR PAVEMENT MARKING REQUIREMENTS



| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**SEBAGO**  
TECHNICS  
WWW.SEBAGOTECHNICS.COM

CONSULTANT PROJECT MANAGER: S. SAWYER, P.E.

|          | By  | Date |              | By  | Date  |
|----------|-----|------|--------------|-----|-------|
| Designed | PDO | 7/18 | Checked      | DLR | 7/18  |
| Drawn    | RLM | 7/18 | In Charge of | --- | --/-- |

SEBAGO TECHNICS  
75 JOHN ROBERTS ROAD,  
SUITE 4A  
SOUTH PORTLAND, ME 04106  
TEL (207) 200-2100

**MAINE**  
**TURNPIKE**

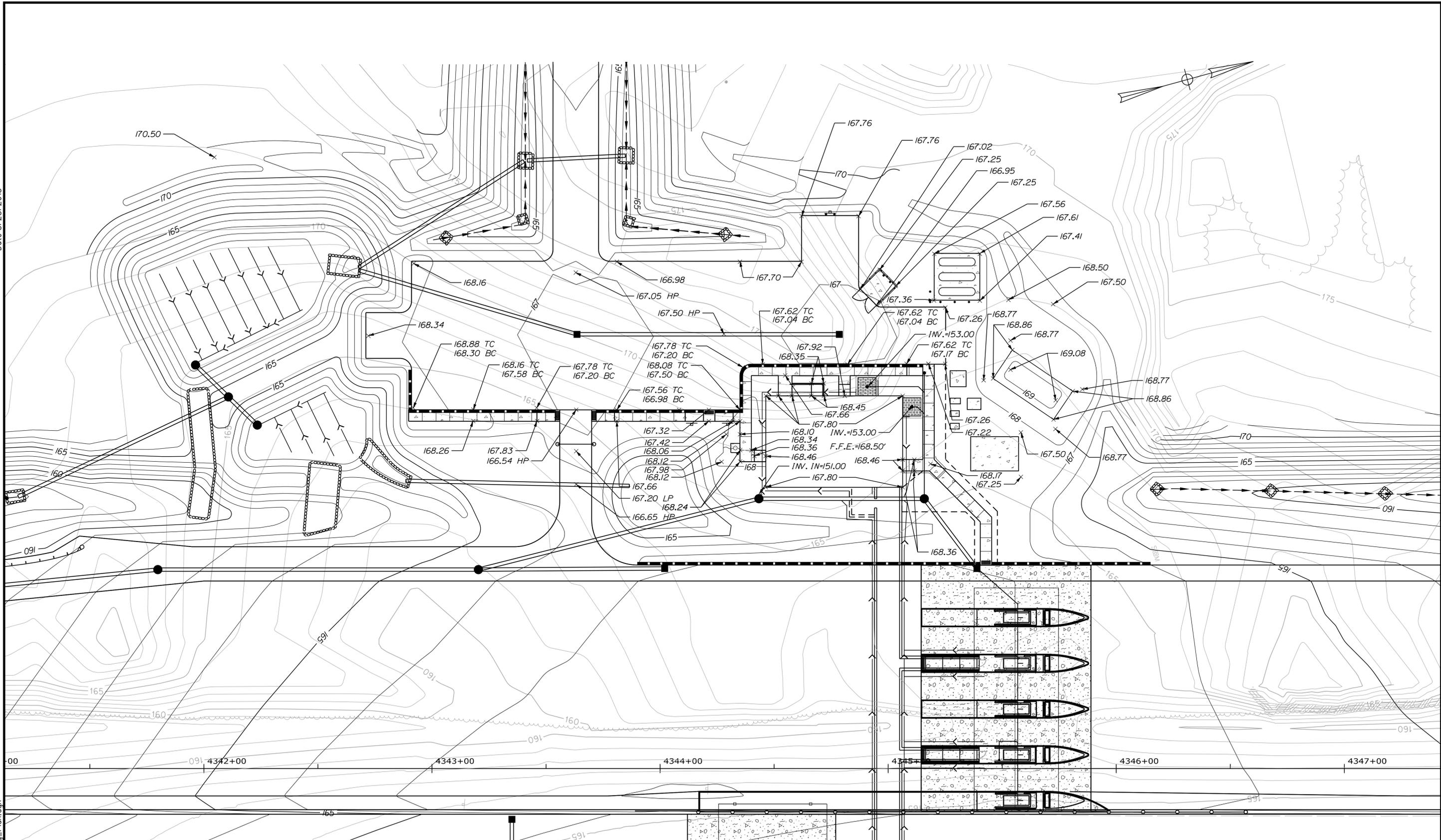
**THE GOLD STAR**  
**MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
SITE PLAN - 1  
ADMINISTRATIVE BUILDING SITE PLAN

SHEET NUMBER: SP-01  
CONTRACT: 2018.20  
112 OF 489

Date: 8/28/2018



Filename: ...113\_Admin\_Grading\_Plan.dgn

Scale: 20 0 20 40  
Scale of Feet

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**SEBAGO**  
TECHNICS  
WWW.SEBAGOTECHNICS.COM

CONSULTANT PROJECT MANAGER: S. SAWYER, P.E.

|          | By  | Date | By           | Date     |
|----------|-----|------|--------------|----------|
| Designed | PDO | 7/18 | Checked      | DLR 7/18 |
| Drawn    | RLM | 7/18 | In Charge of | ---      |

SEBAGO TECHNICS  
75 JOHN ROBERTS ROAD,  
SUITE 4A  
SOUTH PORTLAND, ME 04106  
TEL (207) 200-2100

**MAINE**  
**TURNPIKE**

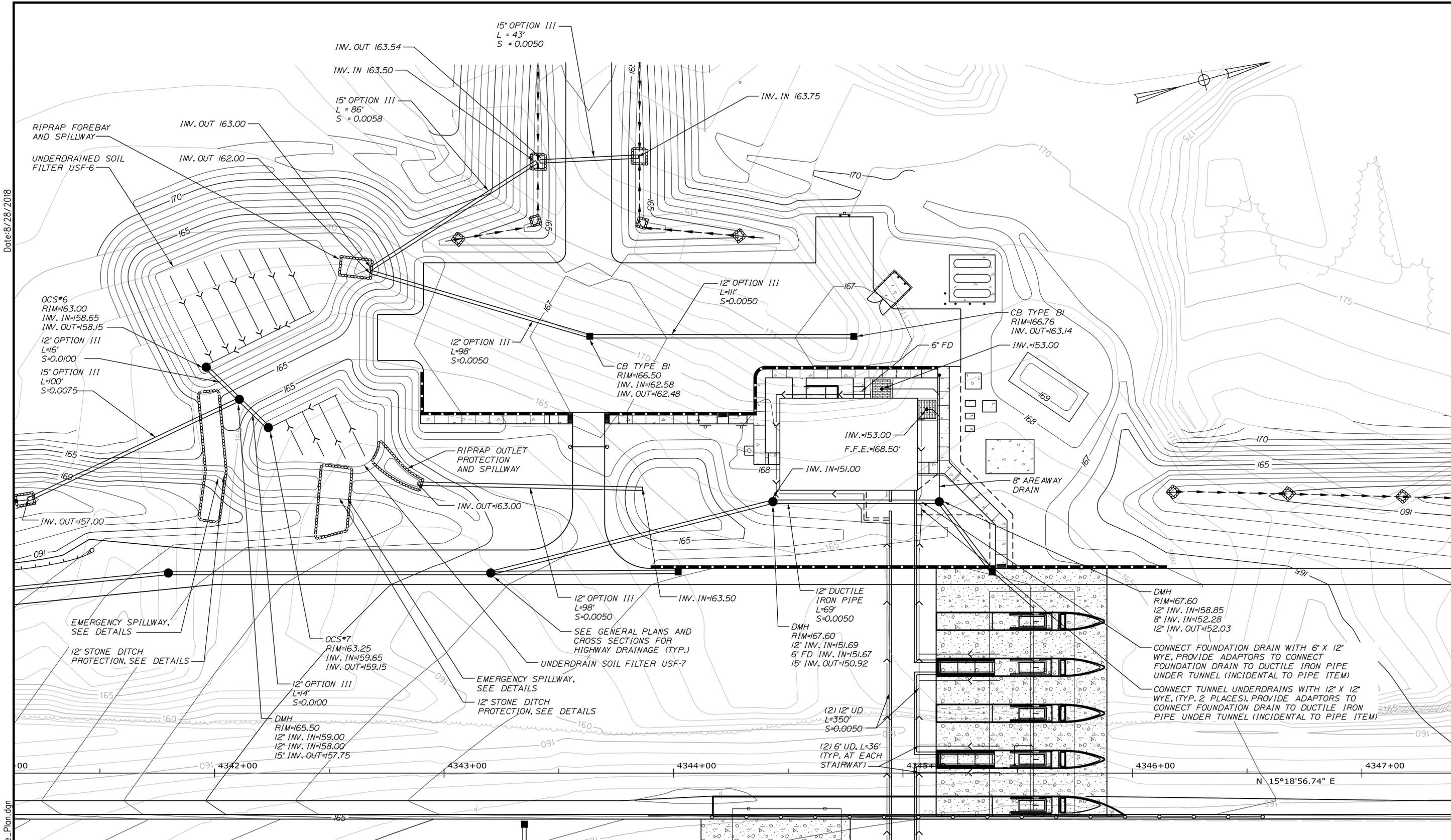
**THE GOLD STAR**  
**MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
SITE PLAN - 2  
ADMINISTRATIVE BUILDING GRADING PLAN

SHEET NUMBER: SP-02  
CONTRACT: 2018.20  
113 OF 489

Date: 8/28/2018



Scale: 20 0 20 40  
Scale of Feet

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**SEBAGO**  
TECHNICS  
WWW.SEBAGOTECHNICS.COM

CONSULTANT PROJECT MANAGER: S. SAWYER, P.E.

|          | By  | Date |              | By  | Date    |
|----------|-----|------|--------------|-----|---------|
| Designed | PDO | 7/18 | Checked      | DLR | 7/18    |
| Drawn    | RLM | 7/18 | In Charge of | --- | ---/--- |

SEBAGO TECHNICS  
75 JOHN ROBERTS ROAD,  
SUITE 4A  
SOUTH PORTLAND, ME 04106  
TEL (207) 200-2100

**MAINE**  
**TURNPIKE**

**THE GOLD STAR**  
**MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

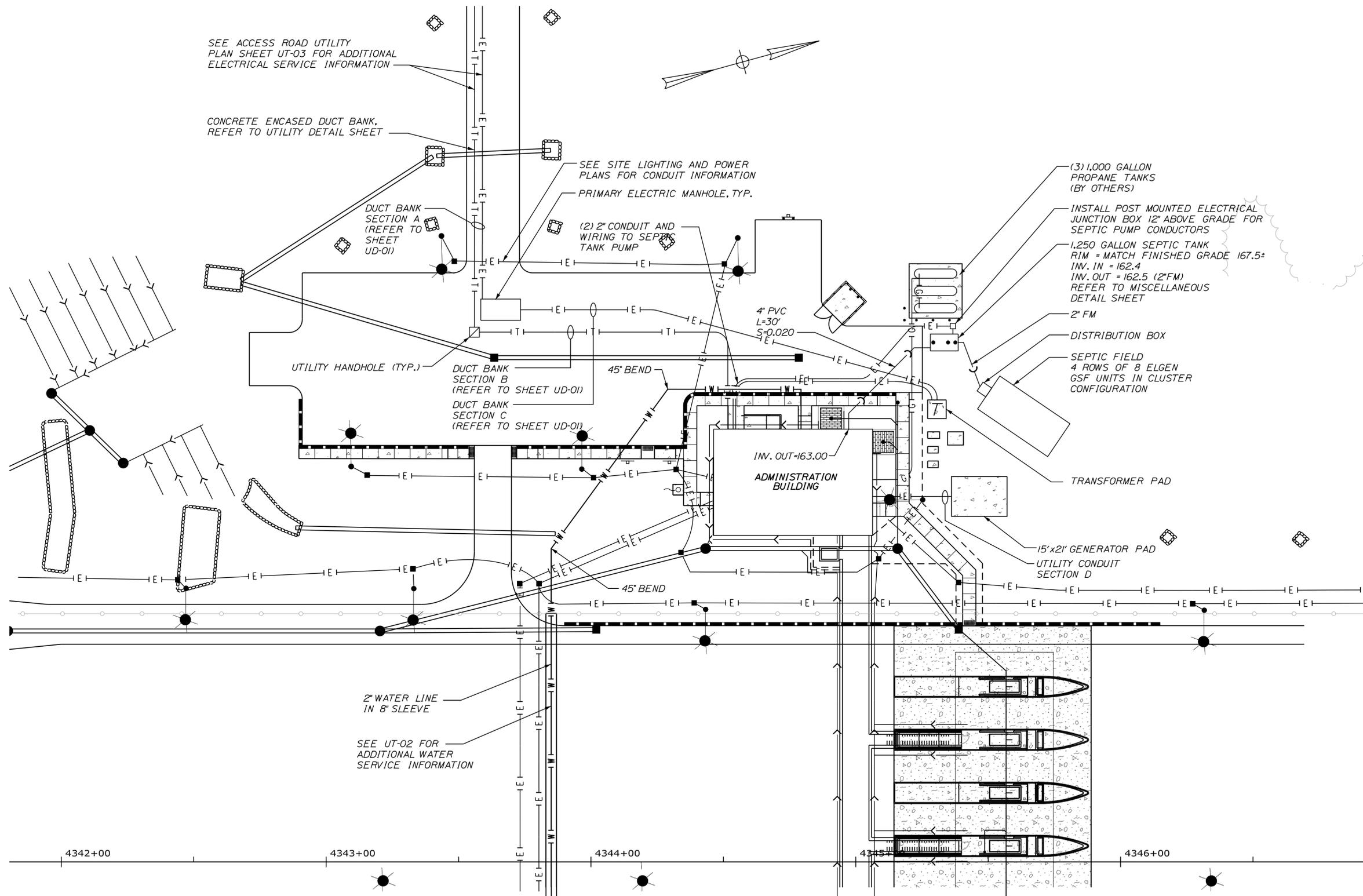
YORK TOLL PLAZA  
SITE PLAN - 3  
ADMINISTRATIVE BUILDING DRAINAGE PLAN

SHEET NUMBER: SP-03  
114 OF 489

CONTRACT: 2018.20

Filename: ...114\_Admn\_Drainage\_Plan.dgn

Date: 8/28/2018



SEE ACCESS ROAD UTILITY PLAN SHEET UT-03 FOR ADDITIONAL ELECTRICAL SERVICE INFORMATION

CONCRETE ENCASED DUCT BANK, REFER TO UTILITY DETAIL SHEET

SEE SITE LIGHTING AND POWER PLANS FOR CONDUIT INFORMATION

PRIMARY ELECTRIC MANHOLE, TYP.

DUCT BANK SECTION A (REFER TO SHEET UD-01)

(2) 2" CONDUIT AND WIRING TO SEPTIC TANK PUMP

(3) 1,000 GALLON PROPANE TANKS (BY OTHERS)

INSTALL POST MOUNTED ELECTRICAL JUNCTION BOX 12" ABOVE GRADE FOR SEPTIC PUMP CONDUCTORS

1,250 GALLON SEPTIC TANK RIM = MATCH FINISHED GRADE 167.5' INV. IN = 162.4 INV. OUT = 162.5 (2" FM) REFER TO MISCELLANEOUS DETAIL SHEET

2" FM

DISTRIBUTION BOX

SEPTIC FIELD 4 ROWS OF 8 ELGEN GSF UNITS IN CLUSTER CONFIGURATION

UTILITY HANDHOLE (TYP.)

DUCT BANK SECTION B (REFER TO SHEET UD-01)

DUCT BANK SECTION C (REFER TO SHEET UD-01)

4" PVC L=30' S=-0.020

INV. OUT=163.00  
ADMINISTRATION BUILDING

TRANSFORMER PAD

15'x21' GENERATOR PAD

UTILITY CONDUIT SECTION D

2" WATER LINE IN 8" SLEEVE

SEE UT-02 FOR ADDITIONAL WATER SERVICE INFORMATION

4342+00

4343+00

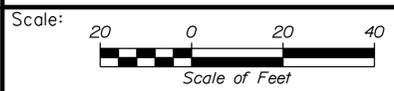
4344+00

4345+00

4346+00

NOTE: SEE SITE LIGHTING AND POWER PLANS FOR ELECTRICAL UTILITY INFORMATION.

Filename: ...\\115\_Admin\_UTILITY\_Plan.dgn



Designed by:

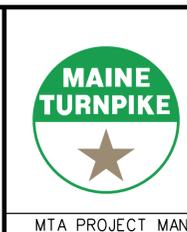
**SEBAGO TECHNICS**  
WWW.SEBAGOTECHNICS.COM

CONSULTANT PROJECT MANAGER: S. SAWYER, P.E.

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

|          | By  | Date |              | By  | Date    |
|----------|-----|------|--------------|-----|---------|
| Designed | PDO | 7/18 | Checked      | DLR | 7/18    |
| Drawn    | RLM | 7/18 | In Charge of | --- | ---/--- |

SEBAGO TECHNICS  
75 JOHN ROBERTS ROAD,  
SUITE 4A  
SOUTH PORTLAND, ME 04106  
TEL (207) 200-2100



THE GOLD STAR  
MEMORIAL HIGHWAY

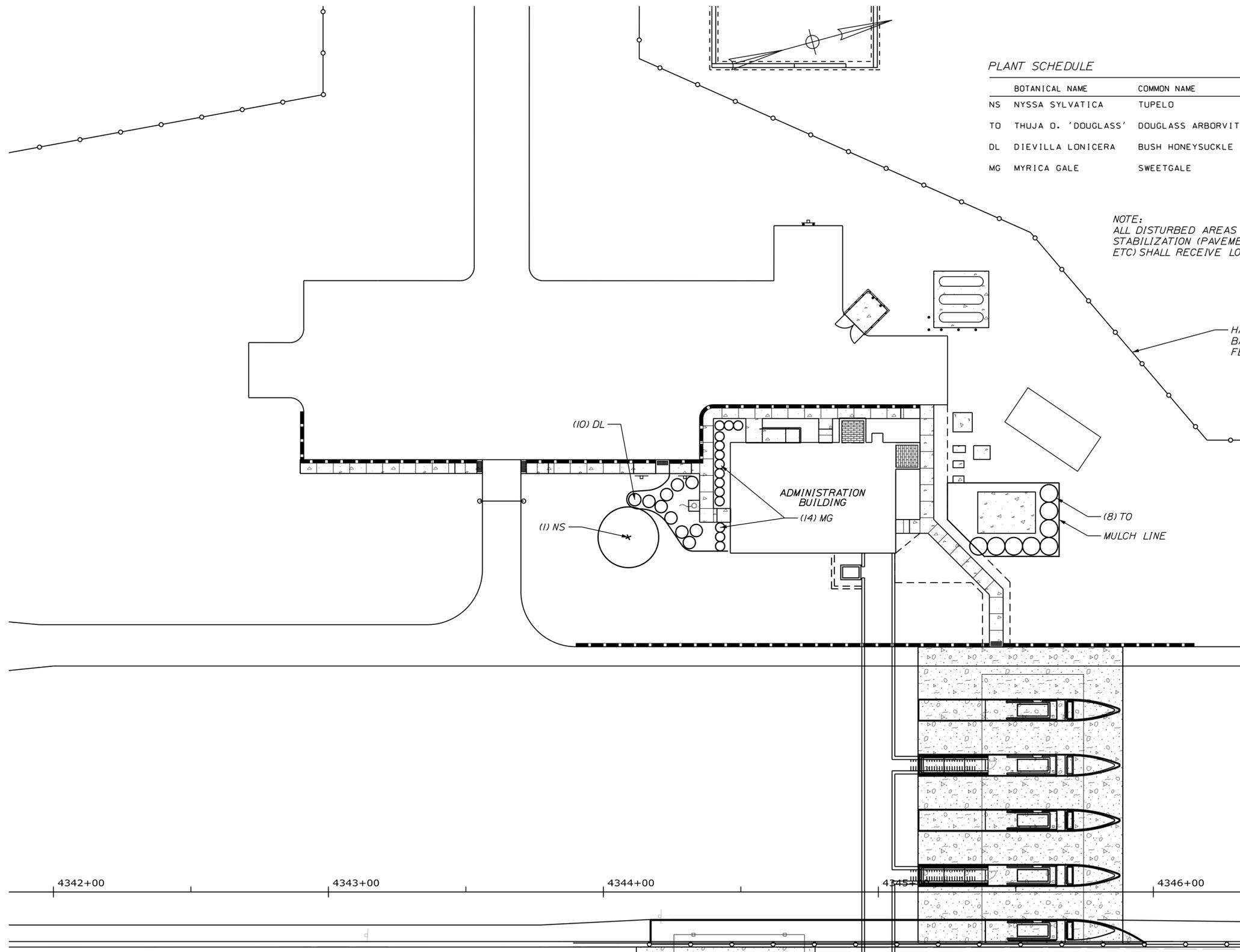
MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
SITE PLAN - 4  
ADMINISTRATIVE BUILDING UTILITY PLAN

SHEET NUMBER: SP-04  
CONTRACT: 2018.20  
115 OF 489

Date: 8/28/2018

Filename: ... \16\_Admin\_Landscape\_Plan.dgn



**PLANT SCHEDULE**

| BOTANICAL NAME         | COMMON NAME         | SIZE          | REMARKS |
|------------------------|---------------------|---------------|---------|
| NS NYSSA SYLVATICA     | TUPELO              | 4 IN. CALIPER |         |
| TO THUJA O. 'DOUGLASS' | DOUGLASS ARBORVITAE | 6 FT MIN      |         |
| DL DIEVILLA LONICERA   | BUSH HONEYSUCKLE    | NO. 3 CONT.   |         |
| MG MYRICA GALE         | SWEETGALE           | NO. 3 CONT.   |         |

**NOTE:**  
ALL DISTURBED AREAS NOT RECEIVING PERMANENT STABILIZATION (PAVEMENT, SIDEWALK, PLANTING BED, ETC) SHALL RECEIVE LOAM, SEED, AND MULCH.

HABITAT BARRIER FENCE

ADMINISTRATION BUILDING

(8) TO

MULCH LINE

(10) DL

(1) NS

(14) MG

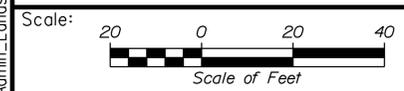
4342+00

4343+00

4344+00

4345+00

4346+00



Designed by:

**SEBAGO**  
TECHNICS  
WWW.SEBAGOTECHNICS.COM

CONSULTANT PROJECT MANAGER: S. SAWYER, P.E.

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

|          | By  | Date |              | By  | Date  |
|----------|-----|------|--------------|-----|-------|
| Designed | PDO | 7/18 | Checked      | DLR | 7/18  |
| Drawn    | RLM | 7/18 | In Charge of | --- | --/-- |

SEBAGO TECHNICS  
75 JOHN ROBERTS ROAD,  
SUITE 4A  
SOUTH PORTLAND, ME 04106  
TEL (207) 200-2100

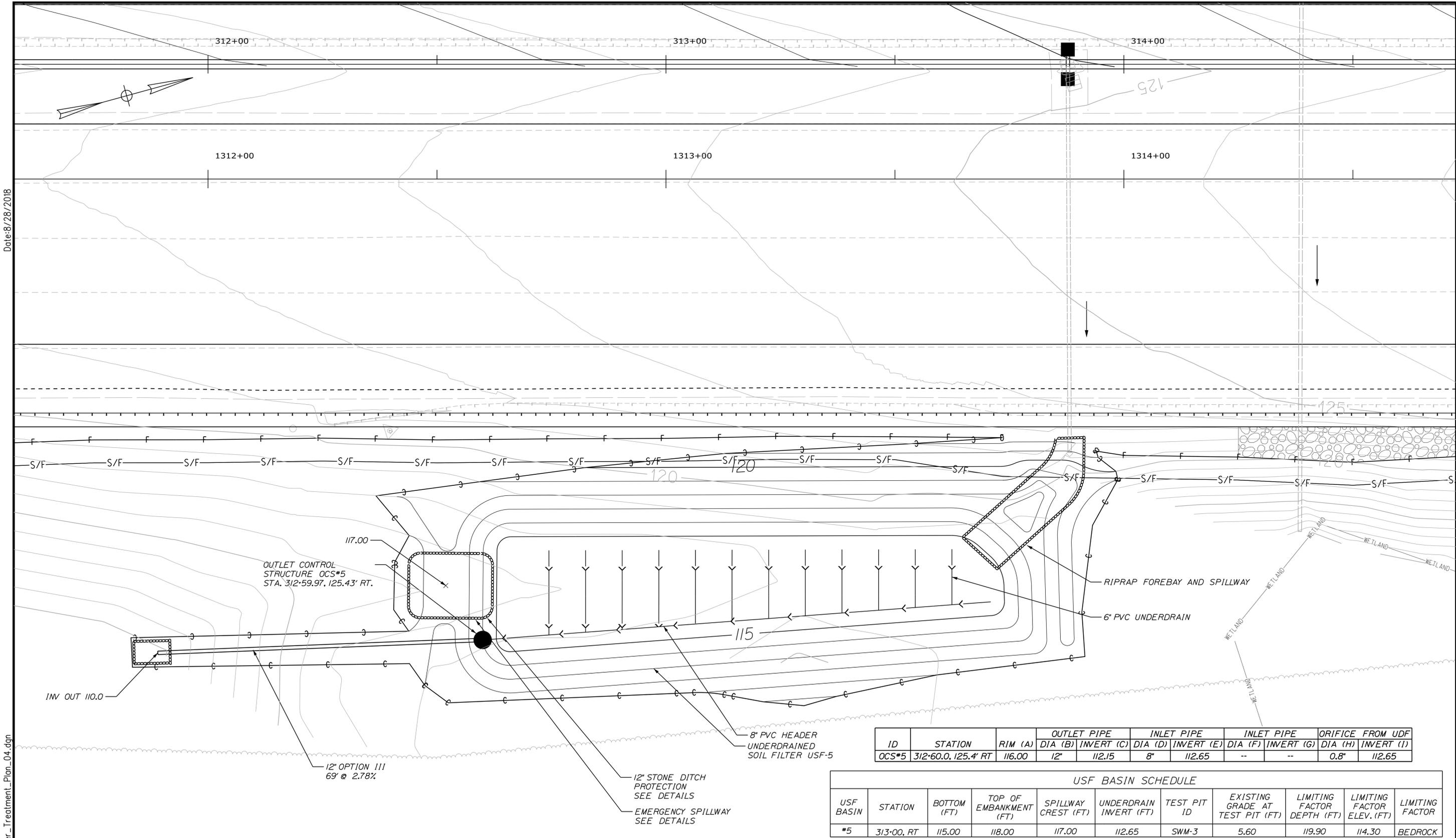
**MAINE TURNPIKE**

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
SITE PLAN - 5  
ADMINISTRATIVE BUILDING LANDSCAPING PLAN

SHEET NUMBER: SP-05  
CONTRACT: 2018.20  
116 OF 489

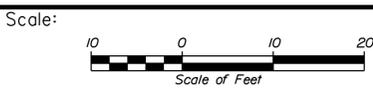


Date: 8/28/2018

Filename: ...117\_HW Stormwater\_Treatment\_Plan\_04.dgn

| ID    | STATION             | RIM (A) | OUTLET PIPE |            | INLET PIPE |            | INLET PIPE |            | ORIFICE FROM UDF |            |
|-------|---------------------|---------|-------------|------------|------------|------------|------------|------------|------------------|------------|
|       |                     |         | DIA (B)     | INVERT (C) | DIA (D)    | INVERT (E) | DIA (F)    | INVERT (G) | DIA (H)          | INVERT (I) |
| OCS#5 | 312+60.0, 125.4' RT | 116.00  | 12"         | 112.15     | 8"         | 112.65     | --         | --         | 0.8"             | 112.65     |

| USF BASIN SCHEDULE |            |             |                        |                     |                        |             |                                 |                            |                            |                 |
|--------------------|------------|-------------|------------------------|---------------------|------------------------|-------------|---------------------------------|----------------------------|----------------------------|-----------------|
| USF BASIN          | STATION    | BOTTOM (FT) | TOP OF EMBANKMENT (FT) | SPILLWAY CREST (FT) | UNDERDRAIN INVERT (FT) | TEST PIT ID | EXISTING GRADE AT TEST PIT (FT) | LIMITING FACTOR DEPTH (FT) | LIMITING FACTOR ELEV. (FT) | LIMITING FACTOR |
| #5                 | 313+00, RT | 115.00      | 118.00                 | 117.00              | 112.65                 | SWM-3       | 5.60                            | 119.90                     | 114.30                     | BEDROCK         |



Designed by:

**SEBAGO TECHNICS**  
WWW.SEBAGOTECHNICS.COM

CONSULTANT PROJECT MANAGER: S. SAWYER, P.E.

|          | By  | Date | By           | Date |         |
|----------|-----|------|--------------|------|---------|
| Designed | PDO | 7/18 | Checked      | DLR  | 7/18    |
| Drawn    | DB  | 7/18 | In Charge of | ---  | ---/--- |

SEBAGO TECHNICS  
75 JOHN ROBERTS ROAD,  
SUITE 4A  
SOUTH PORTLAND, ME 04106  
TEL (207) 200-2100

**MAINE TURNPIKE**

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

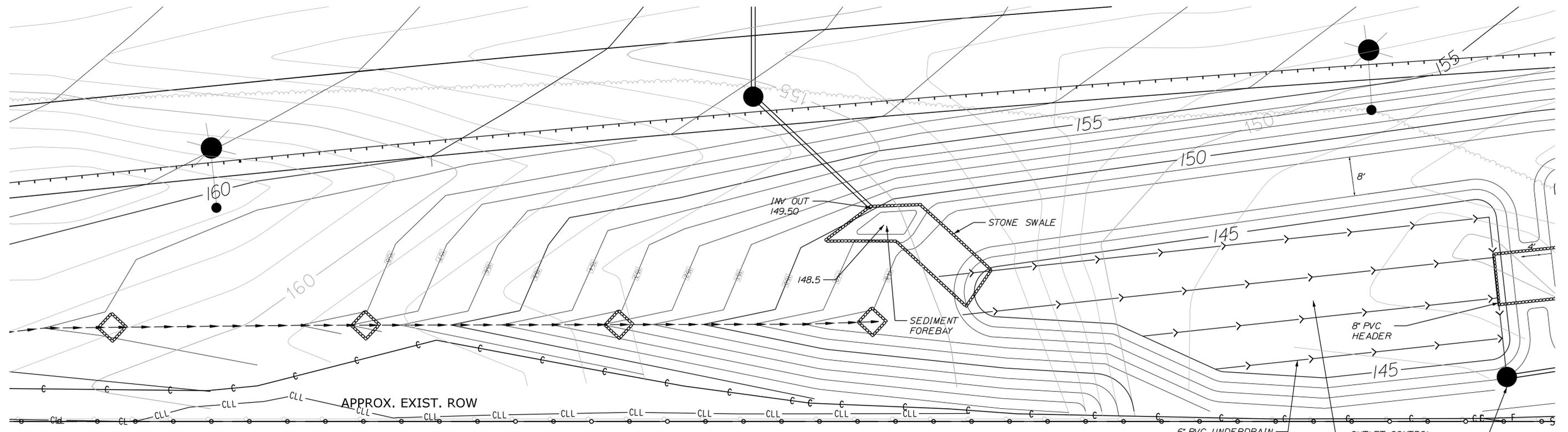
YORK TOLL PLAZA  
STORMWATER POND #5

SHEET NUMBER: SW-04  
117 OF 489

CONTRACT: 2018.20

Date: 8/28/2018

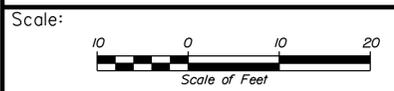
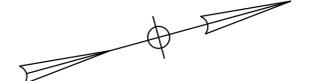
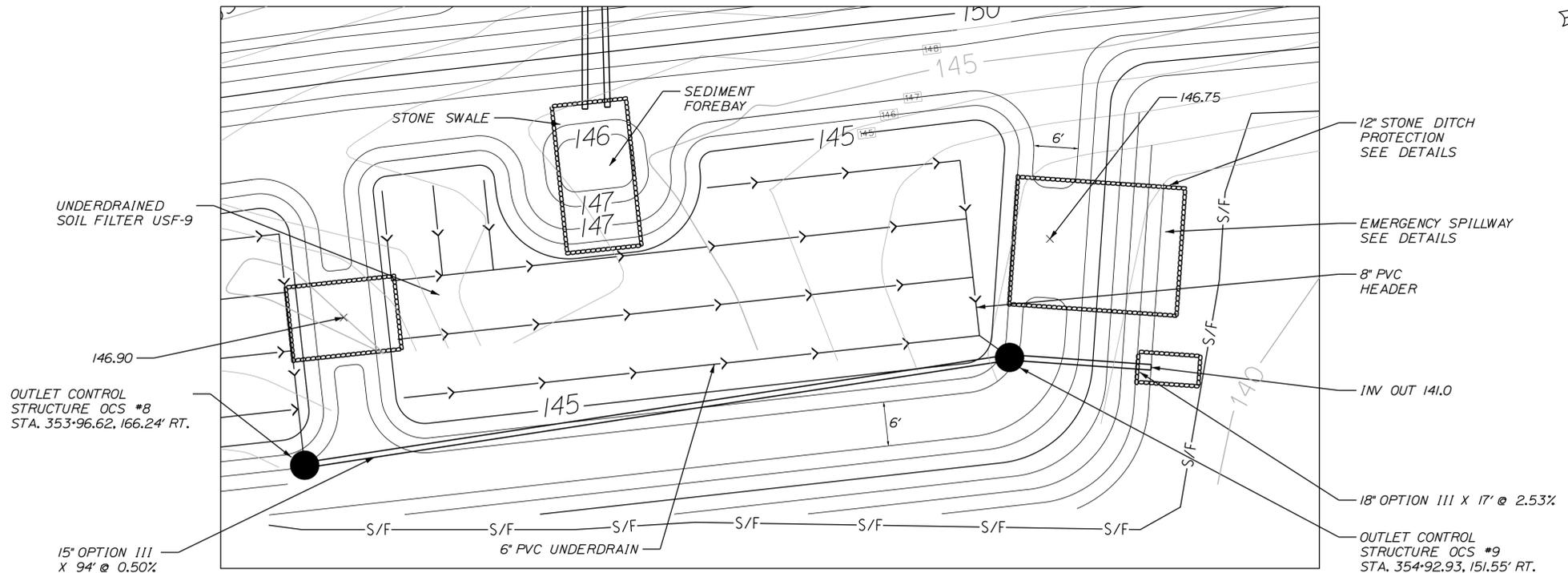
Filename: ...118\_HW Stormwater\_Treatment\_Plan\_05.dgn



| USF BASIN SCHEDULE |            |             |                        |                     |                        |             |                                 |                            |                            |                 |
|--------------------|------------|-------------|------------------------|---------------------|------------------------|-------------|---------------------------------|----------------------------|----------------------------|-----------------|
| USF BASIN          | STATION    | BOTTOM (FT) | TOP OF EMBANKMENT (FT) | SPILLWAY CREST (FT) | UNDERDRAIN INVERT (FT) | TEST PIT ID | EXISTING GRADE AT TEST PIT (FT) | LIMITING FACTOR DEPTH (FT) | LIMITING FACTOR ELEV. (FT) | LIMITING FACTOR |
| #8                 | 353+50, RT | 145.00      | 148.00                 | 146.90              | 142.65                 | SWM-8       | 5.70                            | 155.50                     | 149.80                     | BEDROCK         |
| #9                 | 354+50, RT | 145.00      | 148.00                 | 146.75              | 142.65                 | SWM-9       | 5.00                            | 145.80                     | 140.80                     | BEDROCK         |

| ID    | STATION             | RIM (A) | OUTLET PIPE |            | INLET PIPE |            | INLET PIPE |            | ORIFICE FROM UDF |            |
|-------|---------------------|---------|-------------|------------|------------|------------|------------|------------|------------------|------------|
|       |                     |         | DIA (B)     | INVERT (C) | DIA (D)    | INVERT (E) | DIA (F)    | INVERT (G) | DIA (H)          | INVERT (I) |
| OCS#8 | 353+96.6, 166.2' RT | 146.20  | 15"         | 142.15     | 8"         | 142.65     | --         | --         | 1.4"             | 142.65     |
| OCS#9 | 354+92.9, 151.6' RT | 146.00  | 18"         | 141.43     | 8"         | 142.65     | 15"        | 141.68     | 1.0"             | 142.65     |

OUTLET CONTROL STRUCTURE OCS #8 STA. 353+96.62, 166.24' RT.  
UNDERDRAINED SOIL FILTER USF-8



| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |

Designed by:

**SEBAGO TECHNICS**  
WWW.SEBAGOTECHNICS.COM

CONSULTANT PROJECT MANAGER: S. SAWYER, P.E.

|          | By  | Date |              | By  | Date   |
|----------|-----|------|--------------|-----|--------|
| Designed | PDO | 7/18 | Checked      | DLR | 7/18   |
| Drawn    | DB  | 7/18 | In Charge of | --- | ---/-- |

SEBAGO TECHNICS  
75 JOHN ROBERTS ROAD,  
SUITE 4A  
SOUTH PORTLAND, ME 04106  
TEL (207) 200-2100

**MAINE TURNPIKE**

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

STORMWATER PONDS #8 AND #9

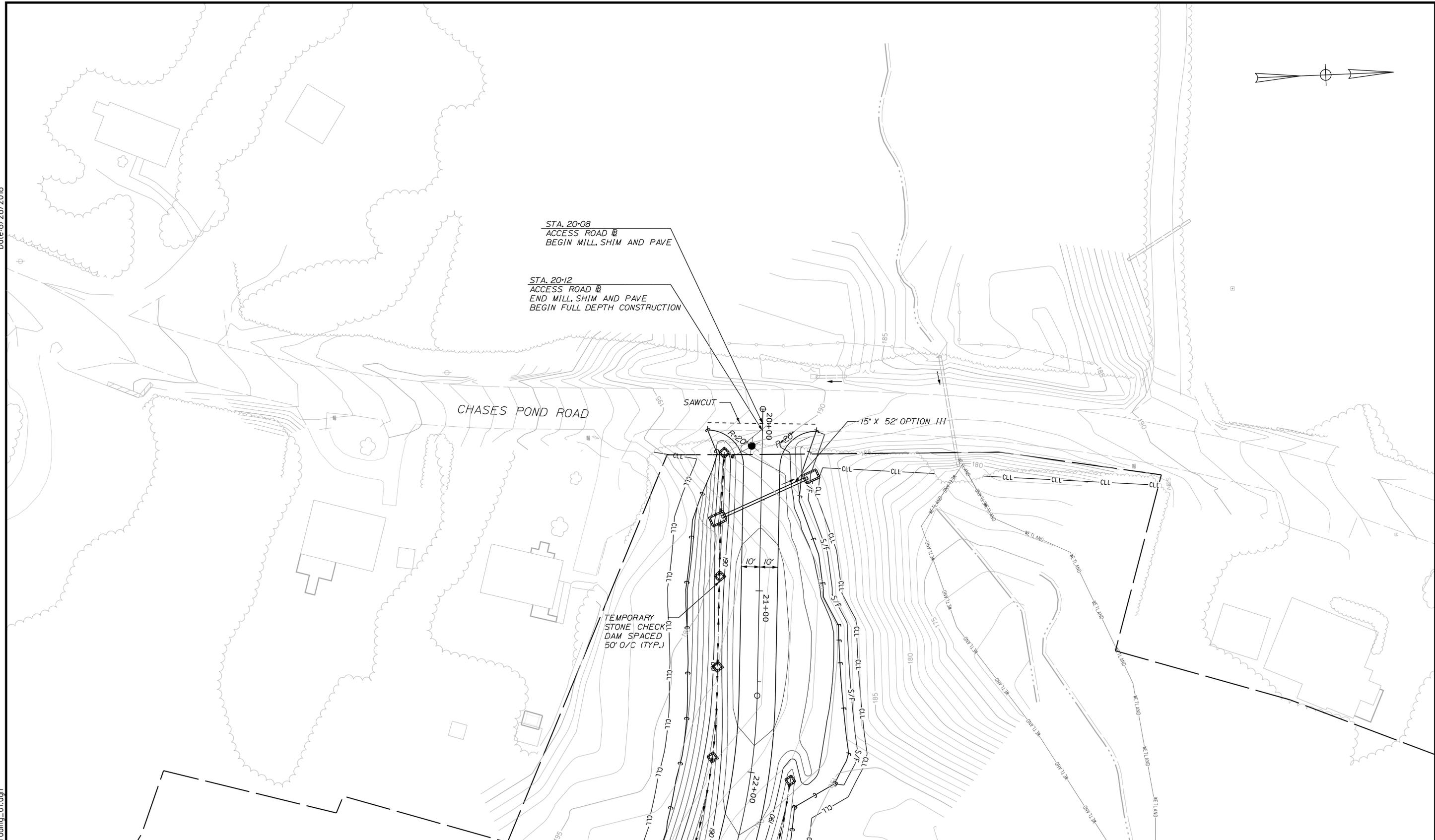
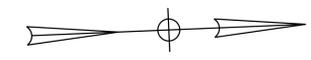
SHEET NUMBER: SW-05

CONTRACT: 2018.20

118 OF 489

Date: 8/28/2018

Filename: ...119\_AccessRd\_Grading\_01.dgn



Scale:

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |

Designed by:

**SEBAGO**  
TECHNICS  
WWW.SEBAGOTECHNICS.COM

CONSULTANT PROJECT MANAGER: S. SAWYER, P.E.

|          | By  | Date | Checked      | By  | Date  |
|----------|-----|------|--------------|-----|-------|
| Designed | PDO | 7/18 |              | DLR | 7/18  |
| Drawn    | RLM | 7/18 | In Charge of | --- | --/-- |

SEBAGO TECHNICS  
75 JOHN ROBERTS ROAD,  
SUITE 4A  
SOUTH PORTLAND, ME 04106  
TEL (207) 200-2100

MAINE TURNPIKE

**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

ACCESS ROAD  
GRADING AND DRAINAGE 1

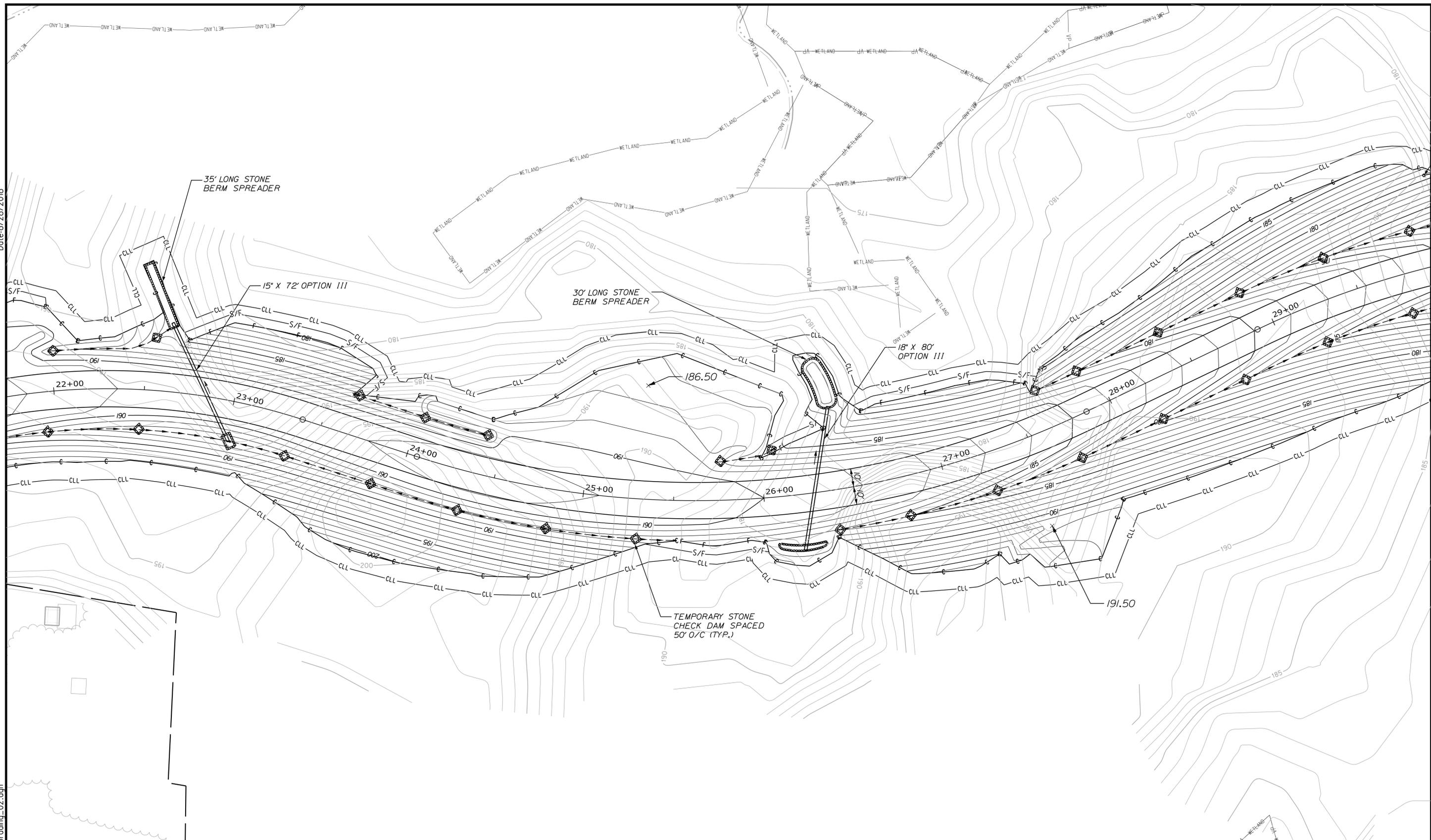
SHEET NUMBER: SW-06

CONTRACT: 2018.20

119 OF 489

Date: 8/28/2018

Filename: ... \120\_AccessRd\_Grading\_02.dgn



Scale: Scale of Feet

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**SEBAGO**  
TECHNICS  
WWW.SEAGOTECHNICS.COM

CONSULTANT PROJECT MANAGER: S. SAWYER, P.E.

|          | By  | Date | Checked      | By  | Date    |
|----------|-----|------|--------------|-----|---------|
| Designed | PDO | 7/18 | Checked      | DLR | 7/18    |
| Drawn    | RLM | 7/18 | In Charge of | --- | ---/--- |

SEBAGO TECHNICS  
75 JOHN ROBERTS ROAD,  
SUITE 4A  
SOUTH PORTLAND, ME 04106  
TEL (207) 200-2100

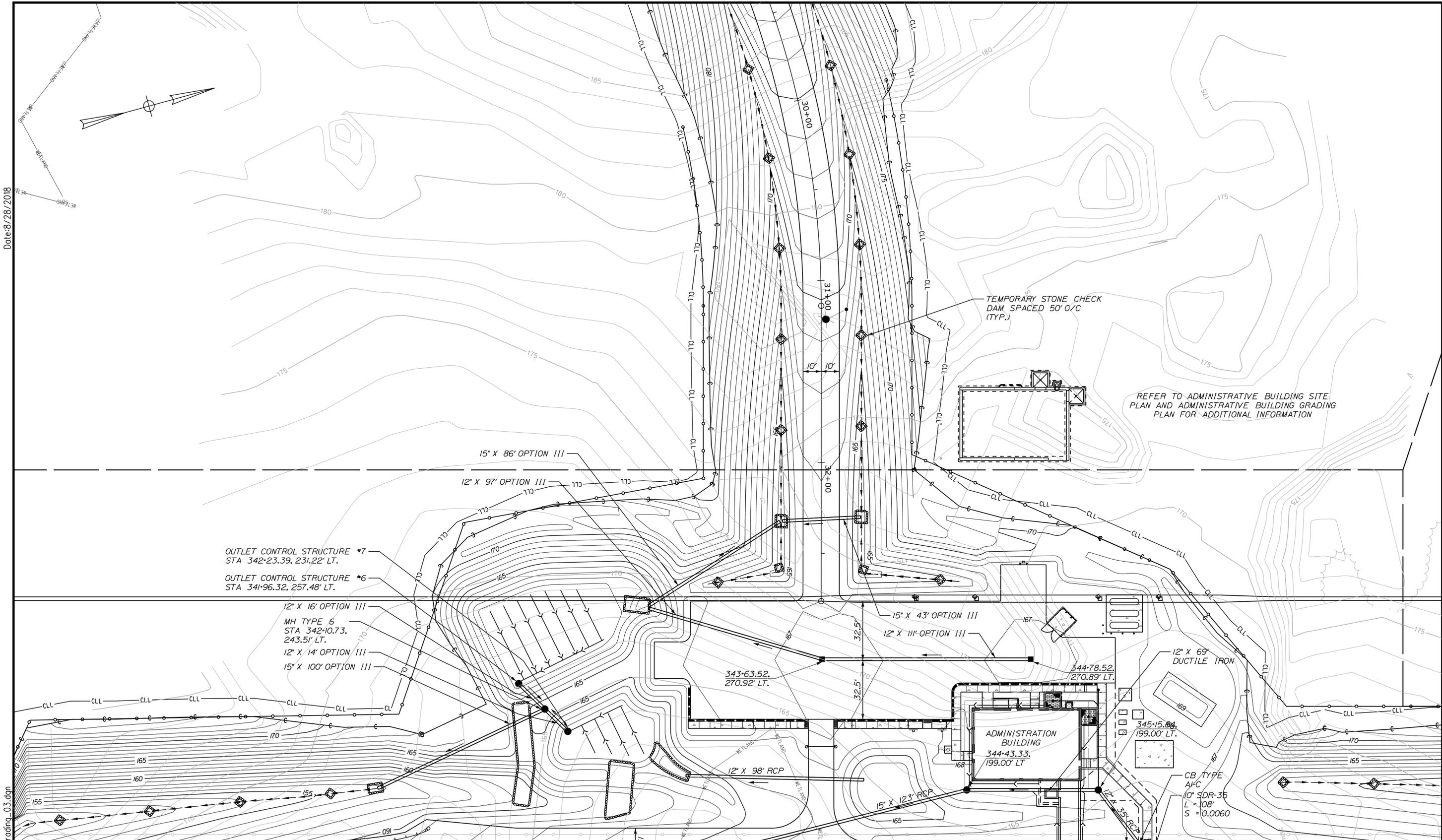
MAINE TURNPIKE

**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
ACCESS ROAD  
GRADING AND DRAINAGE 2  
SHEET NUMBER: SW-07  
CONTRACT: 2018.20  
120 OF 489

Date: 8/28/2018



Scale: 1" = 25'

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**SEBAGO**  
TECHNICS  
WWW.SEBAGOTECHNICS.COM

CONSULTANT PROJECT MANAGER: S. SAWYER, P.E.

|          | By  | Date |              | By  | Date    |
|----------|-----|------|--------------|-----|---------|
| Designed | PDO | 7/18 | Checked      | DLR | 7/18    |
| Drawn    | RLM | 7/18 | In Charge of | --- | ---/--- |

SEBAGO TECHNICS  
75 JOHN ROBERTS ROAD,  
SUITE 4A  
SOUTH PORTLAND, ME 04106  
TEL (207) 200-2100

**MAINE**  
**TURNPIKE**

**THE GOLD STAR**  
**MEMORIAL HIGHWAY**

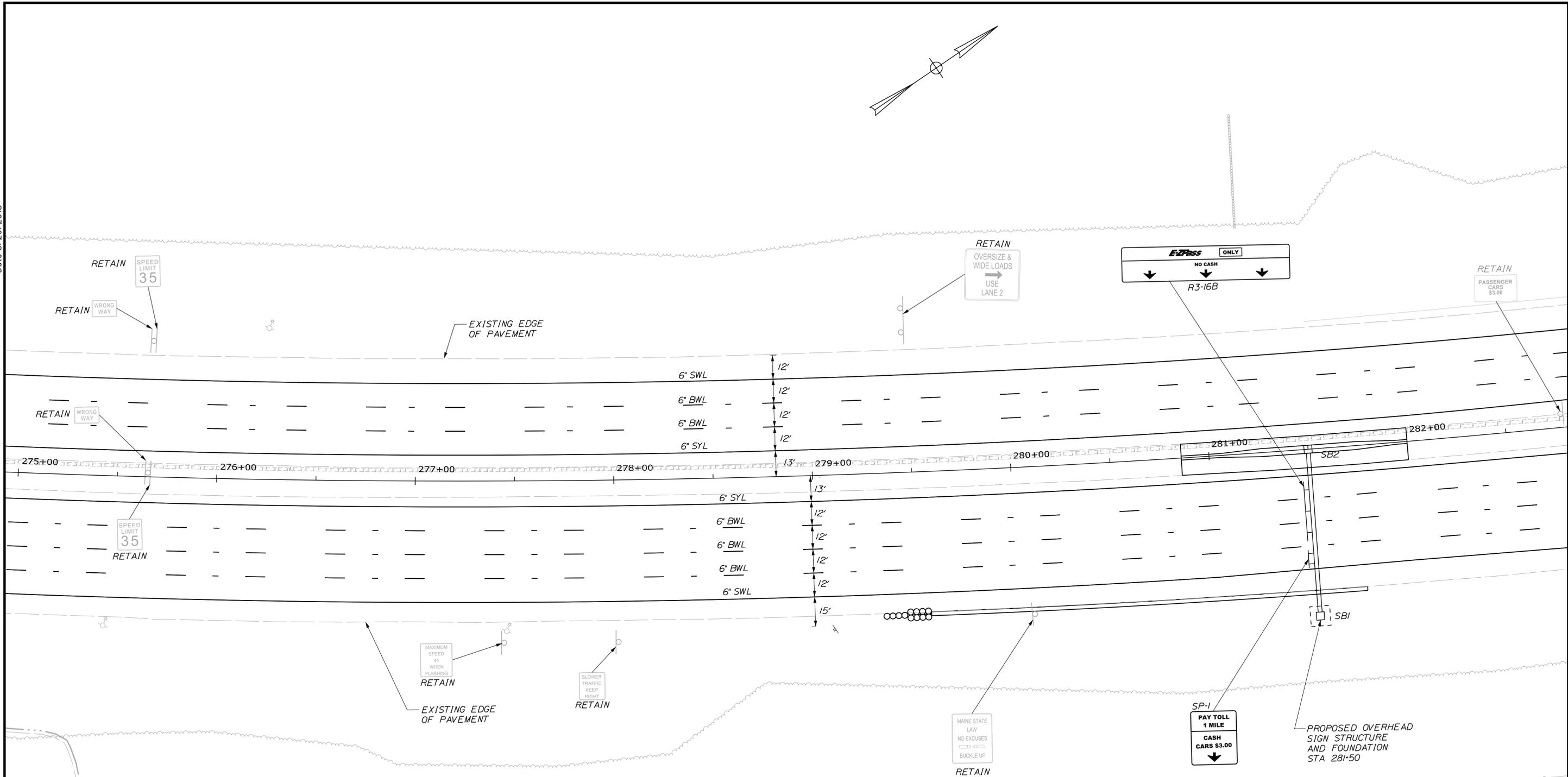
MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
ACCESS ROAD  
GRADING AND DRAINAGE 3

SHEET NUMBER: SW-08  
CONTRACT: 2018.20  
121 OF 489

Filename: ... \121\_AccessRd\_Grading\_03.dgn

Date: 8/29/2018



**LEGEND**

|      |   |                |
|------|---|----------------|
| WDLL | WHITE DOTTED LANE LINE<br>(3' LINE 9' SPACE - 6" GROOVED IN TAPE)   |                |
| BWL  | BROKEN WHITE LINE<br>(10' LINE 30' SPACE - WITH 3" TAPE)            |                |
| SWL  | SOLID WHITE LINE  | EXISTING SIGNS |
| SYL  | SOLID YELLOW LINE   |                |
| CW   | CROSS WALK<br>12" SOLID WHITE LINES<br>(SPACED 8' CENTER TO CENTER) | PROPOSED SIGNS |

- NOTES:**
- PERMANENT SIGNS SHALL NOT BE INSTALLED MORE THAN TWO WEEKS PRIOR TO WHEN SIGNS ARE REQUIRED FOR TRAFFIC PURPOSES. SIGNS SHALL BE COVERED UNTIL THEY ARE REQUIRED.
  - PERMANENT SIGNS NO LONGER NEEDED, NEED TO BE REMOVED / COVERED IMMEDIATELY.

Filename: ... \0259655\122\_SNP1.dgn

Scale:

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

Designed by:

**JACOBS**

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | PV  | 7/18 | Checked      | RCE | 7/18 |
| Drawn    | EFG | 7/18 | In Charge of | TWM | 7/18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

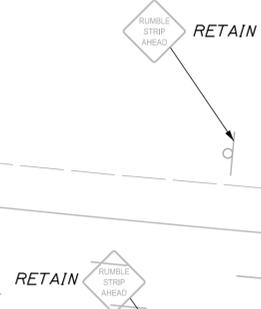
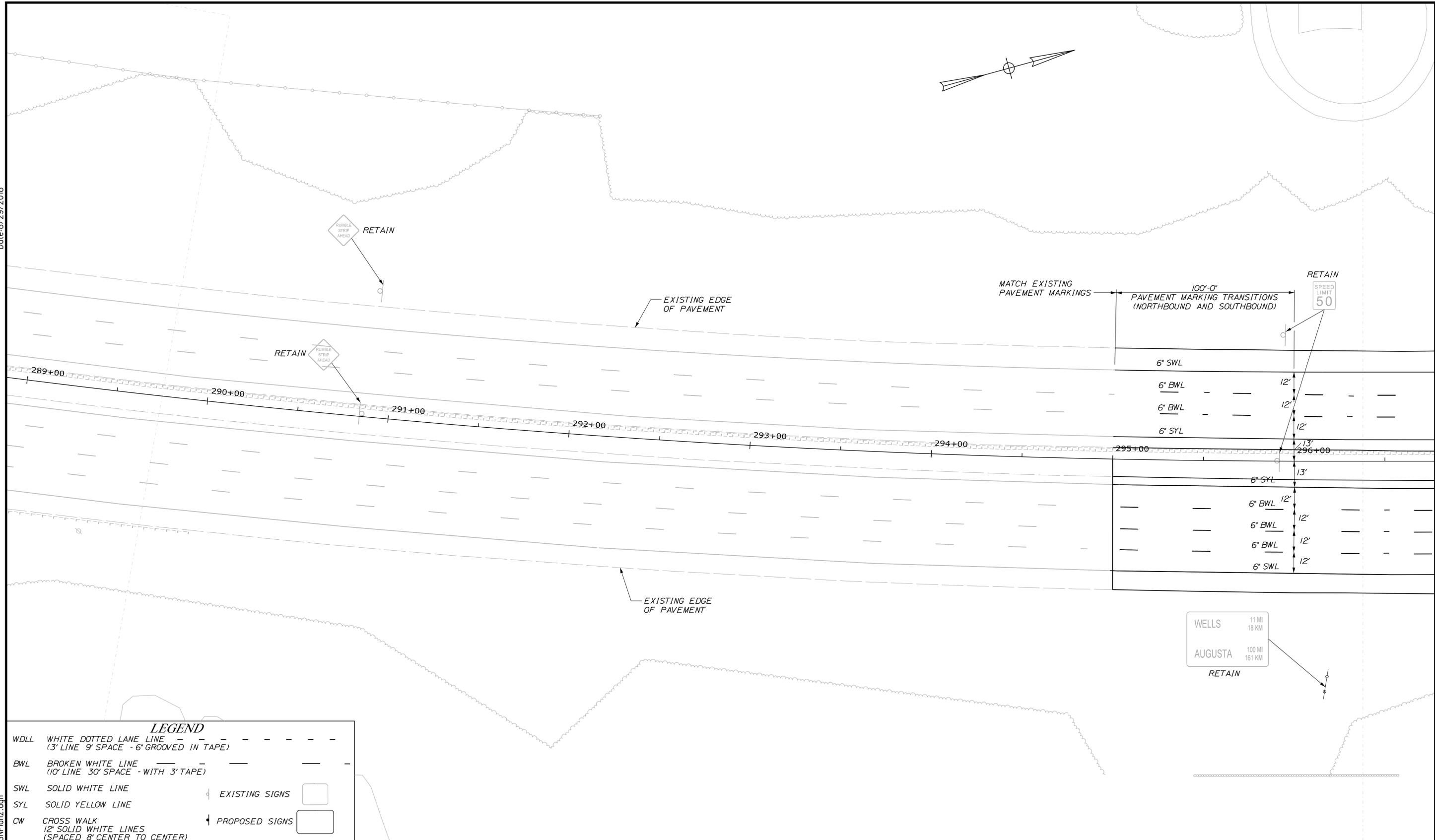
**YORK TOLL PLAZA**

SIGNING AND STRIPING  
PLAN 1

SHEET NUMBER: SN-01  
122 OF 489

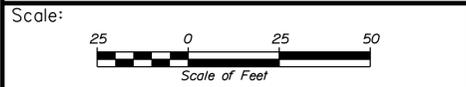
CONTRACT: 2018.20

Date: 8/29/2018



**LEGEND**

|     |   |  |                |
|-----|---|--|----------------|
| WDL | WHITE DOTTED LANE LINE<br>(3' LINE 9' SPACE - 6' GROOVED IN TAPE)   |  |                |
| BWL | BROKEN WHITE LINE<br>(10' LINE 30' SPACE - WITH 3' TAPE)            |  |                |
| SWL | SOLID WHITE LINE  |  | EXISTING SIGNS |
| SYL | SOLID YELLOW LINE   |  |                |
| CW  | CROSS WALK<br>12" SOLID WHITE LINES<br>(SPACED 8' CENTER TO CENTER) |  | PROPOSED SIGNS |



Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | PV  | 7/18 | Checked      | RCE | 7/18 |
| Drawn    | EFG | 7/18 | In Charge of | TWM | 7/18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA. 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

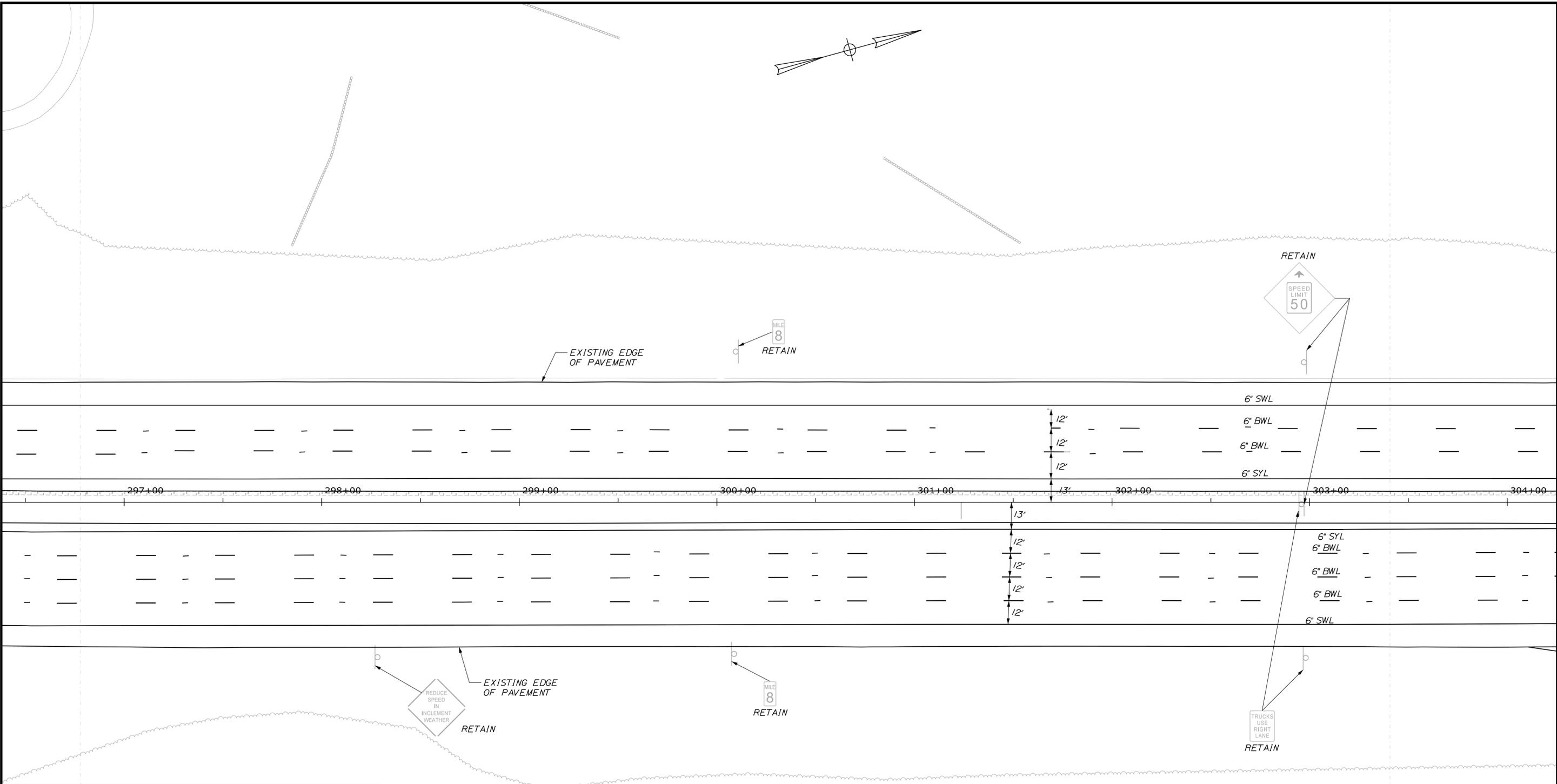
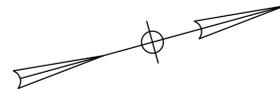
YORK TOLL PLAZA  
 SIGNING AND STRIPING  
 PLAN 2

SHEET NUMBER: SN-02  
 123 OF 489

CONTRACT: 2018.20

Filename: ...\\0259655\123\_SNPan2.dgn

Date: 8/29/2018



**LEGEND**

|     |   |  |
|-----|---|--|
| WDL | WHITE DOTTED LANE LINE<br>(3' LINE 9' SPACE - 6' GROOVED IN TAPE)     |  |
| BWL | BROKEN WHITE LINE<br>(10' LINE 30' SPACE - WITH 3' TAPE)              |  |
| SWL | SOLID WHITE LINE  |  |
| SYL | SOLID YELLOW LINE   |  |
| CW  | CROSS WALK<br>(12" SOLID WHITE LINES<br>(SPACED 8' CENTER TO CENTER)) |  |
|     | EXISTING SIGNS  |  |
|     | PROPOSED SIGNS  |  |



Designed by:

**JACOBS**

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA. 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

|                                      |     |      |              |     |      |
|--------------------------------------|-----|------|--------------|-----|------|
| CONSULTANT PROJECT MANAGER: T. MORIN |     |      |              |     |      |
|                                      | By  | Date |              | By  | Date |
| Designed                             | PV  | 7/18 | Checked      | RCE | 7/18 |
| Drawn                                | EFG | 7/18 | In Charge of | TWM | 7/18 |

**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

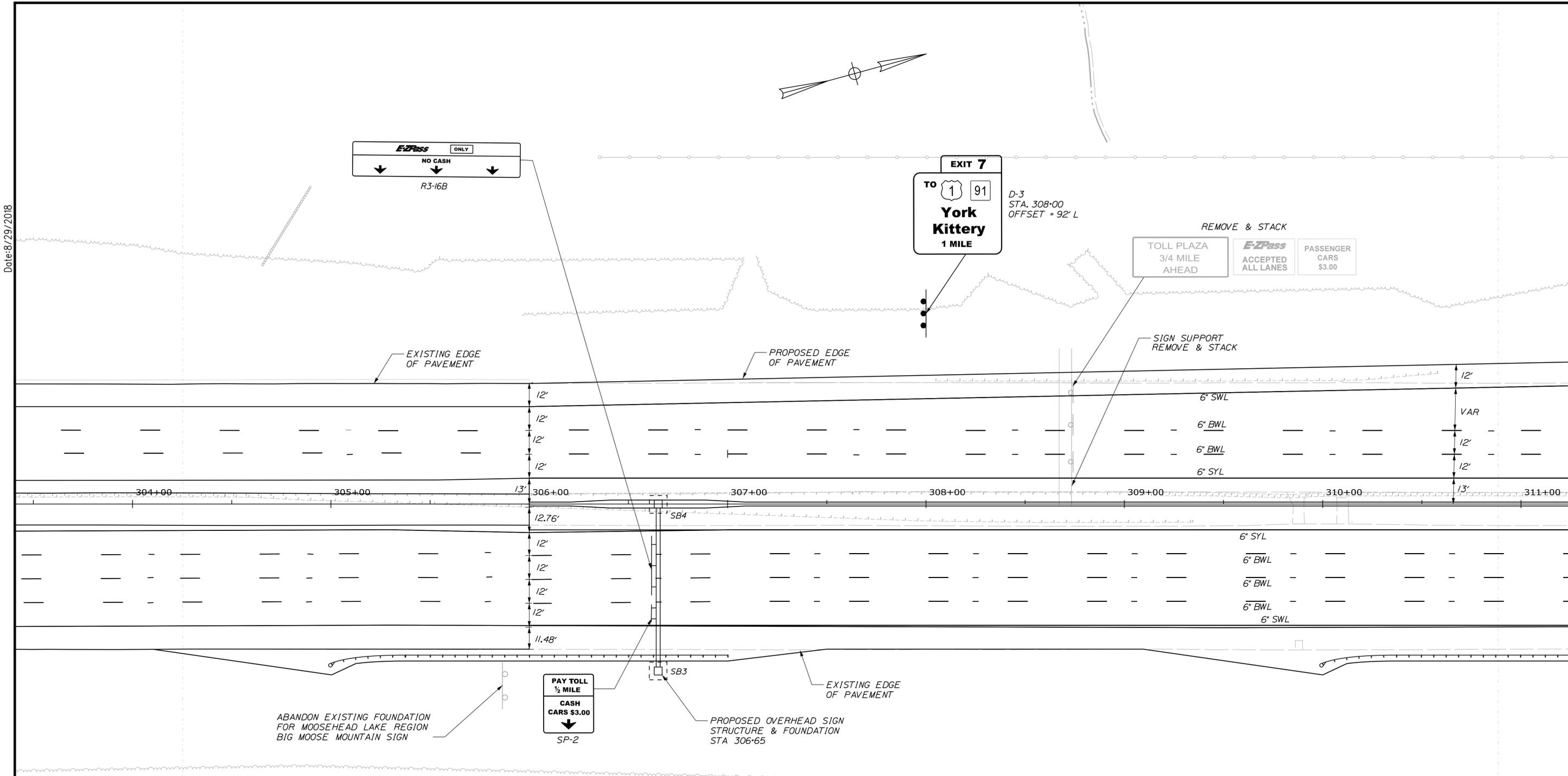
YORK TOLL PLAZA  
SIGNING AND STRIPING  
PLAN 3

SHEET NUMBER: SN-03  
124 OF 489

CONTRACT: 2018.20

Filename: ...\\0259655\124\_SNP\plan3.dgn

Date: 8/29/2018



**LEGEND**

|     |   |       |
|-----|---|-------|
| WDL | WHITE DOTTED LANE LINE<br>(3' LINE 9' SPACE - 6' GROOVED IN TAPE)   | ---   |
| BWL | BROKEN WHITE LINE<br>(10' LINE 30' SPACE - WITH 3' TAPE)            | - - - |
| SWL | SOLID WHITE LINE  | —     |
| SYL | SOLID YELLOW LINE   | ---   |
| CW  | CROSS WALK<br>12" SOLID WHITE LINES<br>(SPACED 8' CENTER TO CENTER) | — — — |

|   |                |
|---|----------------|
| □ | EXISTING SIGNS |
| □ | PROPOSED SIGNS |

Scale:

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | PV  | 7/18 | Checked      | RCE | 7/18 |
| Drawn    | EFG | 7/18 | In Charge of | TWM | 7/18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA. 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

**YORK TOLL PLAZA**  
SIGNING AND STRIPING  
PLAN 4

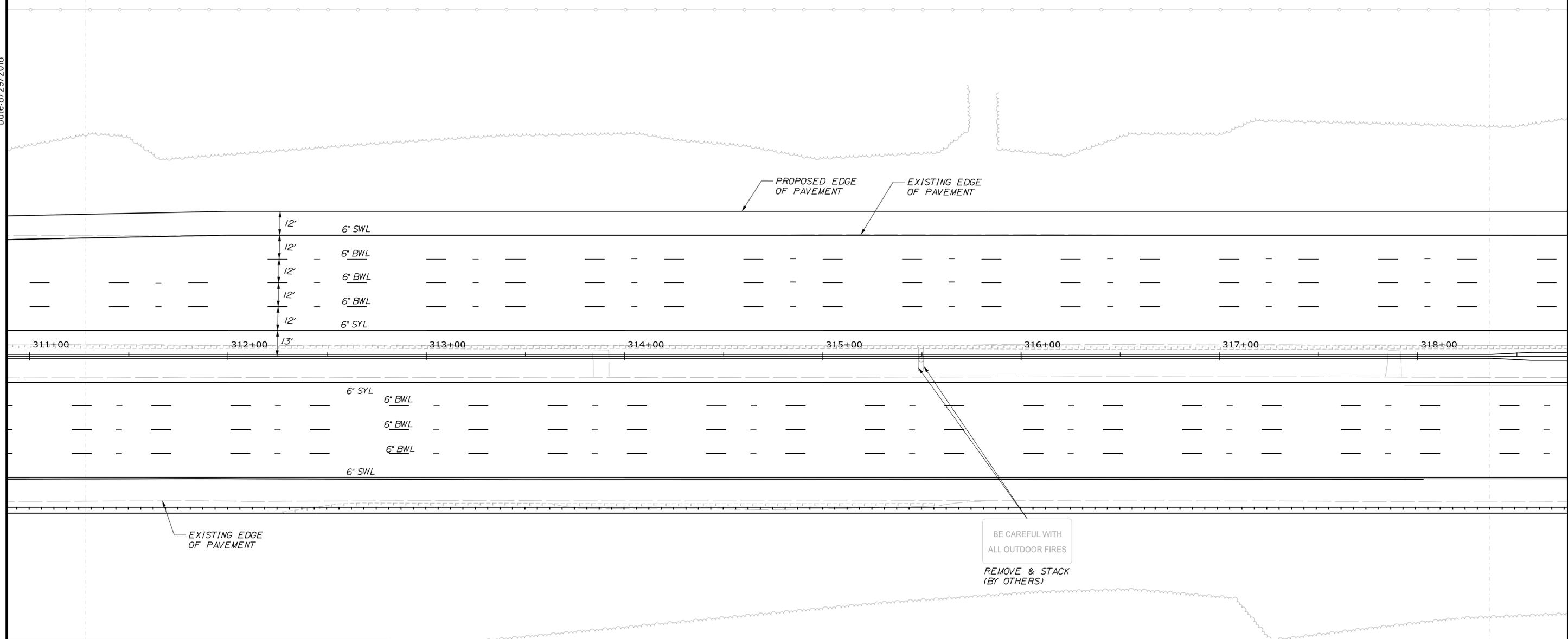
SHEET NUMBER: SN-04  
125 OF 489

CONTRACT: 2018.20

Filename: ...\\00259655\125\_SNP\Plan4.dgn

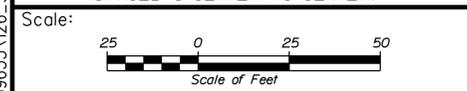


Date: 8/29/2018



**LEGEND**

|     |   |  |
|-----|---|--|
| WDL | WHITE DOTTED LANE LINE<br>(3' LINE 9' SPACE - 6" GROOVED IN TAPE)     |  |
| BWL | BROKEN WHITE LINE<br>(10' LINE 30' SPACE - WITH 3" TAPE)              |  |
| SWL | SOLID WHITE LINE  |  |
| SYL | SOLID YELLOW LINE   |  |
| CW  | CROSS WALK<br>(12" SOLID WHITE LINES<br>(SPACED 8' CENTER TO CENTER)) |  |
|     | EXISTING SIGNS  |  |
|     | PROPOSED SIGNS  |  |



Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date | By           | Date |      |
|----------|-----|------|--------------|------|------|
| Designed | PV  | 7/18 | Checked      | RCE  | 7/18 |
| Drawn    | EFG | 7/18 | In Charge of | TWM  | 7/18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA. 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

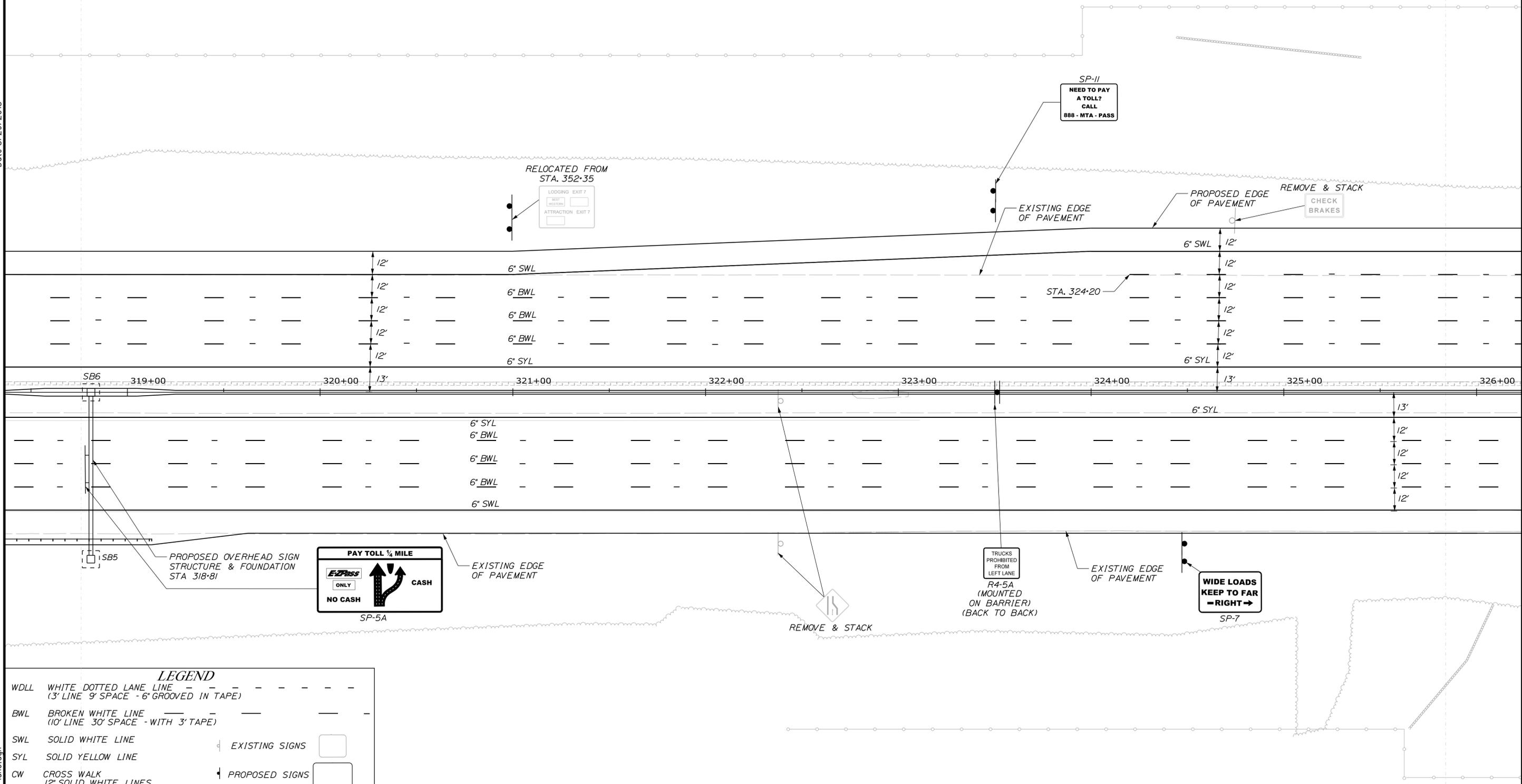
YORK TOLL PLAZA  
 SIGNING AND STRIPING  
 PLAN 5

SHEET NUMBER: SN-05  
 126 OF 489

CONTRACT: 2018.20

Filename: ...\\00259655\126\_SNP\Plan5.dgn

Date: 8/29/2018

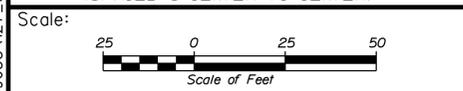


**LEGEND**

|     |   |       |
|-----|---|-------|
| WDL | WHITE DOTTED LANE LINE<br>(3' LINE 9' SPACE - 6' GROOVED IN TAPE)     | ---   |
| BWL | BROKEN WHITE LINE<br>(10' LINE 30' SPACE - WITH 3' TAPE)              | - - - |
| SWL | SOLID WHITE LINE  | —     |
| SYL | SOLID YELLOW LINE   | —     |
| CW  | CROSS WALK<br>(12" SOLID WHITE LINES<br>(SPACED 8' CENTER TO CENTER)) | —     |

EXISTING SIGNS:

PROPOSED SIGNS:



Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | PV  | 7/18 | Checked      | RCE | 7/18 |
| Drawn    | EFG | 7/18 | In Charge of | TWM | 7/18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA. 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

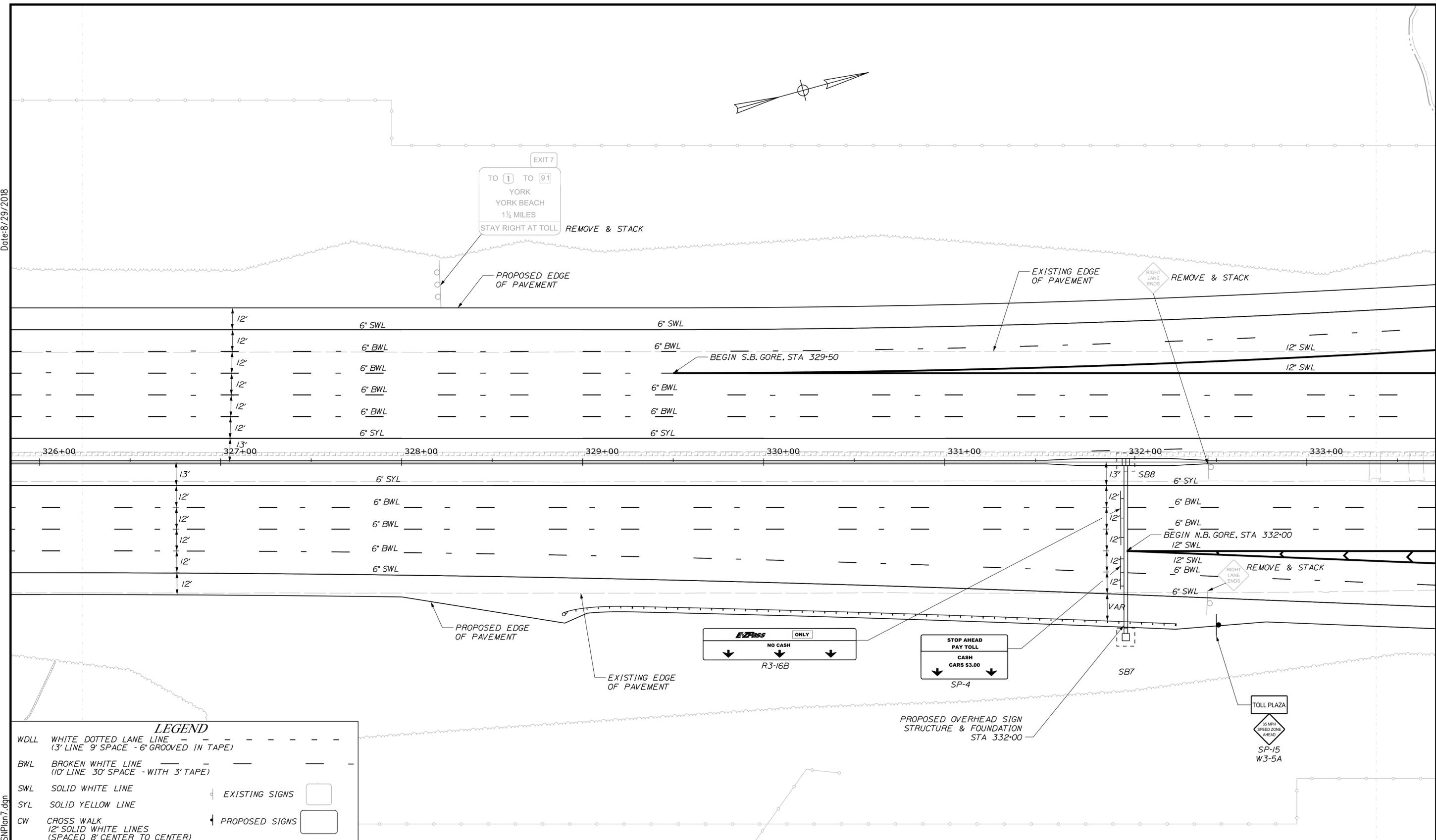
YORK TOLL PLAZA  
 SIGNING AND STRIPING  
 PLAN 6

SHEET NUMBER: SN-06  
 127 OF 489

CONTRACT: 2018.20

Filename: ...\\00259655\127\_SNP\Plan6.dgn

Date: 8/29/2018



**LEGEND**

|     |   |                |
|-----|---|----------------|
| WDL | WHITE DOTTED LANE LINE<br>(3' LINE 9' SPACE - 6' GROOVED IN TAPE)   |                |
| BWL | BROKEN WHITE LINE<br>(10' LINE 30' SPACE - WITH 3' TAPE)            |                |
| SWL | SOLID WHITE LINE  | EXISTING SIGNS |
| SYL | SOLID YELLOW LINE   |                |
| CW  | CROSS WALK<br>12" SOLID WHITE LINES<br>(SPACED 8' CENTER TO CENTER) | PROPOSED SIGNS |

Scale:

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | PV  | 7/18 | Checked      | RCE | 7/18 |
| Drawn    | EFG | 7/18 | In Charge of | TWM | 7/18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA. 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

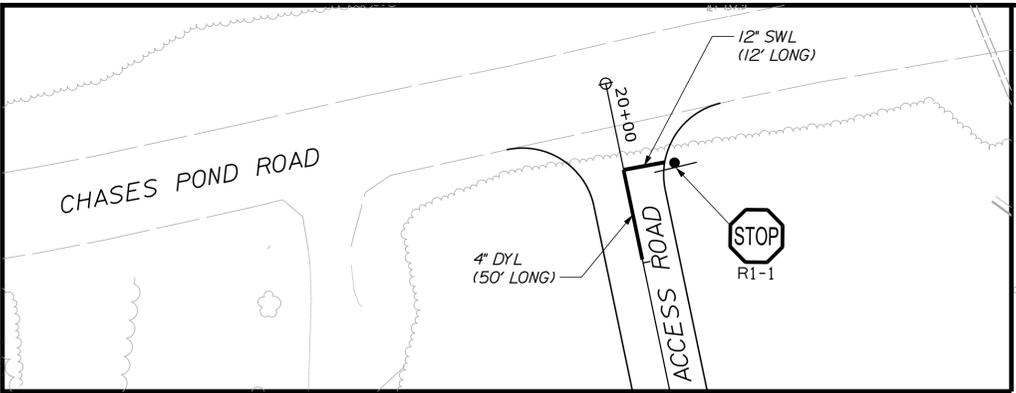
**YORK TOLL PLAZA**  
SIGNING AND STRIPING  
PLAN 7

SHEET NUMBER: SN-07  
128 OF 489

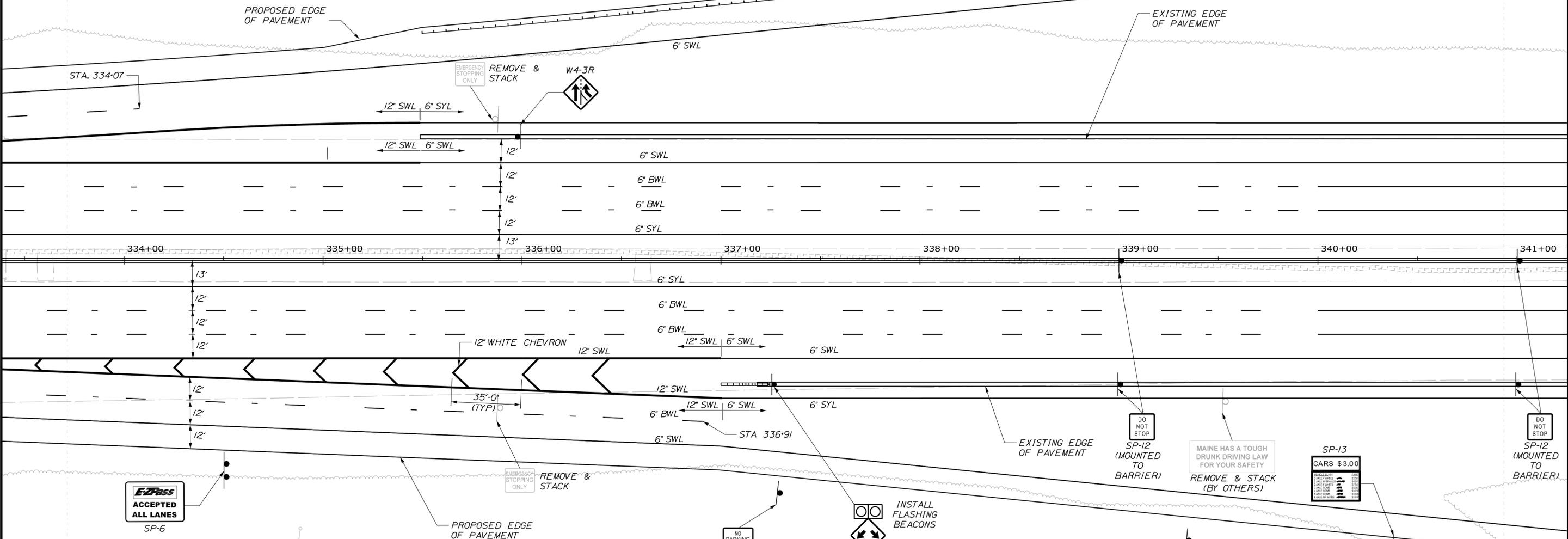
CONTRACT: 2018.20

Filename: ...00259655\128\_SNPan7.dgn

Date: 8/29/2018



**INSET A**  
CHASES POND ROAD AT ACCESS ROAD



**LEGEND**

|      |   |                |  |
|------|---|----------------|--|
| WDLL | WHITE DOTTED LANE LINE<br>(3' LINE 9' SPACE - 6' GROOVED IN TAPE)   | EXISTING SIGNS |  |
| BWL  | BROKEN WHITE LINE<br>(10' LINE 30' SPACE - WITH 3' TAPE)            | PROPOSED SIGNS |  |
| SWL  | SOLID WHITE LINE  |                |  |
| SYL  | SOLID YELLOW LINE   |                |  |
| CW   | CROSS WALK<br>12" SOLID WHITE LINES<br>(SPACED 8' CENTER TO CENTER) |                |  |



Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | PV  | 7/18 | Checked      | RCE | 7/18 |
| Drawn    | EFG | 7/18 | In Charge of | TWM | 7/18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA. 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
SIGNING AND STRIPING  
PLAN 8

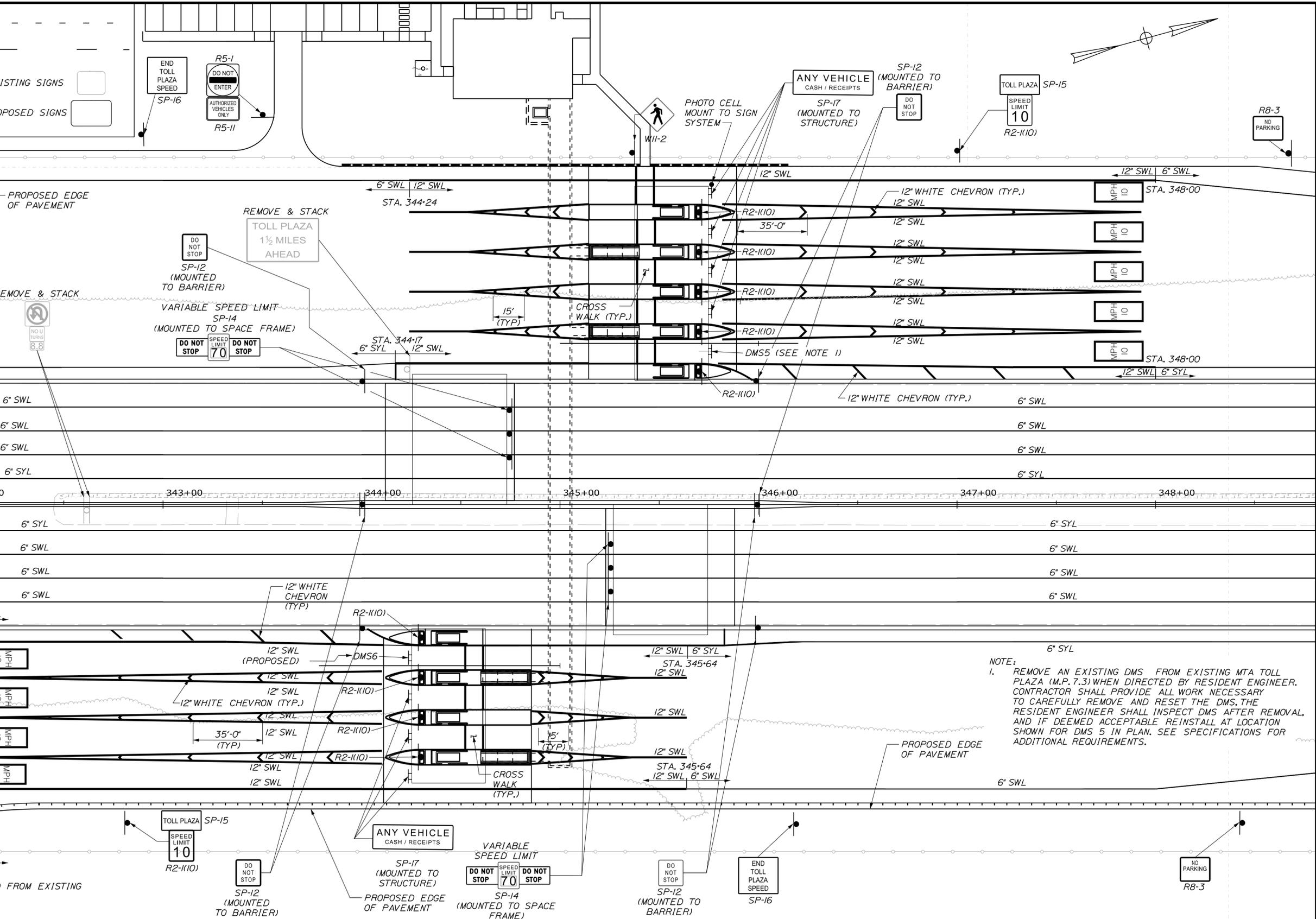
SHEET NUMBER: SN-08  
129 OF 489

CONTRACT: 2018.20

Filename: ...\\0259655\129\_SNP\Plan8.dgn

**LEGEND**

|     |   |
|-----|---|
| WDL | WHITE DOTTED LANE LINE<br>(3" LINE 9" SPACE - 6" GROOVED IN TAPE)   |
| BWL | BROKEN WHITE LINE<br>(10" LINE 30" SPACE - WITH 3" TAPE)            |
| SWL | SOLID WHITE LINE  |
| SYL | SOLID YELLOW LINE   |
| CW  | CROSS WALK<br>12" SOLID WHITE LINES<br>(SPACED 8' CENTER TO CENTER) |



**NOTE:**  
 1. REMOVE AN EXISTING DMS FROM EXISTING MTA TOLL PLAZA (M.P. 7.3) WHEN DIRECTED BY RESIDENT ENGINEER. CONTRACTOR SHALL PROVIDE ALL WORK NECESSARY TO CAREFULLY REMOVE AND RESET THE DMS, THE RESIDENT ENGINEER SHALL INSPECT DMS AFTER REMOVAL, AND IF DEEMED ACCEPTABLE REINSTALL AT LOCATION SHOWN FOR DMS 5 IN PLAN. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

**NOTE:**  
 DMS6 IS BEING RELOCATED FROM EXISTING TOLL PLAZA AT MILE 7.3

Date: 8/29/2018

Filename: ...00259655\130\_SNP109.dgn

Scale:

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

Designed by:

# JACOBS

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | PV  | 7/18 | Checked      | RCE | 7/18 |
| Drawn    | EFG | 7/18 | In Charge of | TWM | 7/18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA. 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824



## THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD

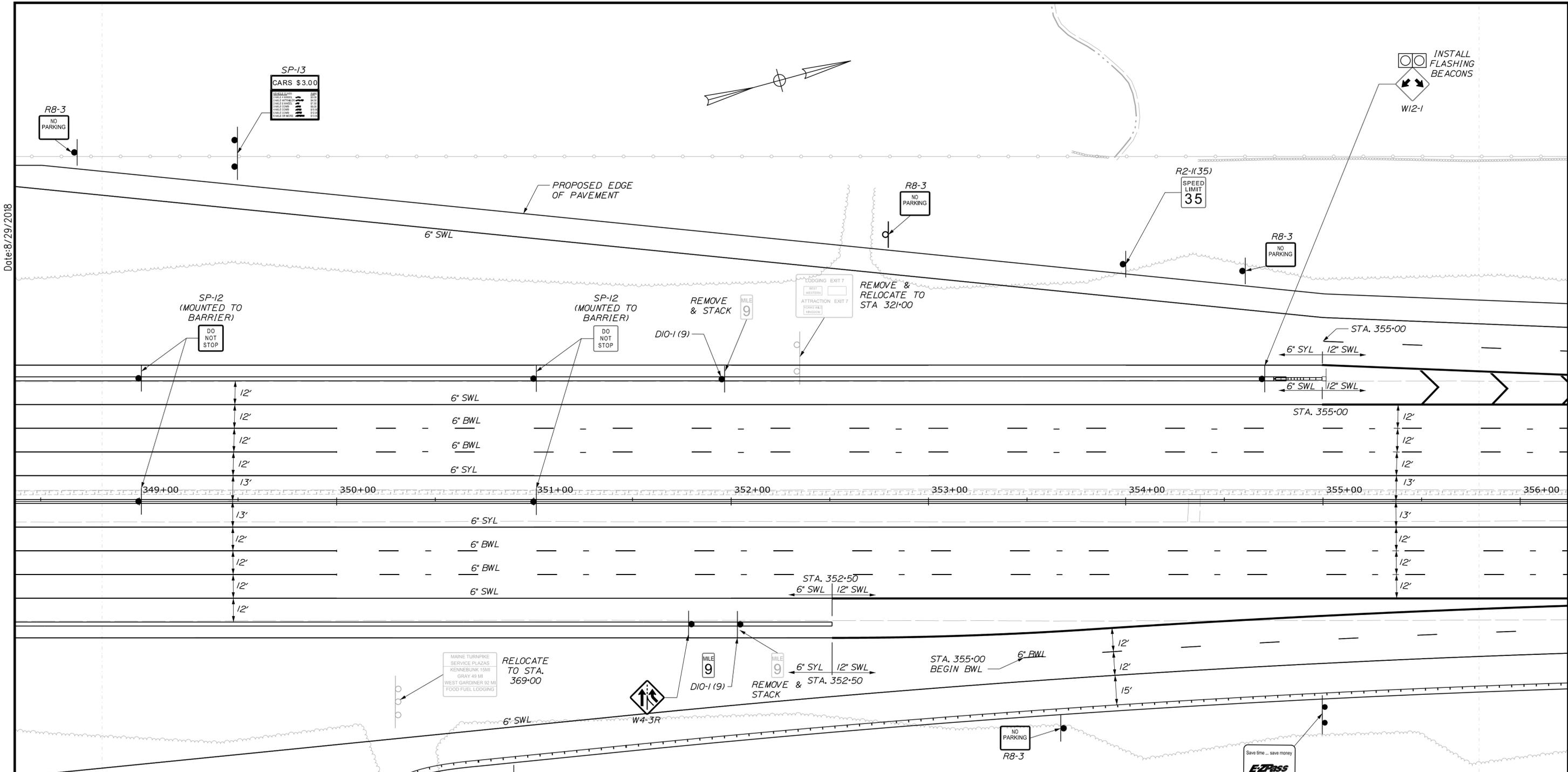
## YORK TOLL PLAZA

### SIGNING AND STRIPING PLAN 9

SHEET NUMBER: SN-09  
130 OF 489

CONTRACT: 2018.20

Date: 8/29/2018



**LEGEND**

|     |   |                |
|-----|---|----------------|
| WDL | WHITE DOTTED LANE LINE<br>(3' LINE 9' SPACE - 6' GROOVED IN TAPE)     |                |
| BWL | BROKEN WHITE LINE<br>(10' LINE 30' SPACE - WITH 3' TAPE)              |                |
| SWL | SOLID WHITE LINE  | EXISTING SIGNS |
| SYL | SOLID YELLOW LINE   |                |
| CW  | CROSS WALK<br>(12" SOLID WHITE LINES<br>(SPACED 8' CENTER TO CENTER)) | PROPOSED SIGNS |

Scale:

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          |     |      |              |     |      |
|----------|-----|------|--------------|-----|------|
| Designed | PV  | 7/18 | Checked      | RCE | 7/18 |
| Drawn    | EFG | 7/18 | In Charge of | TWM | 7/18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA. 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

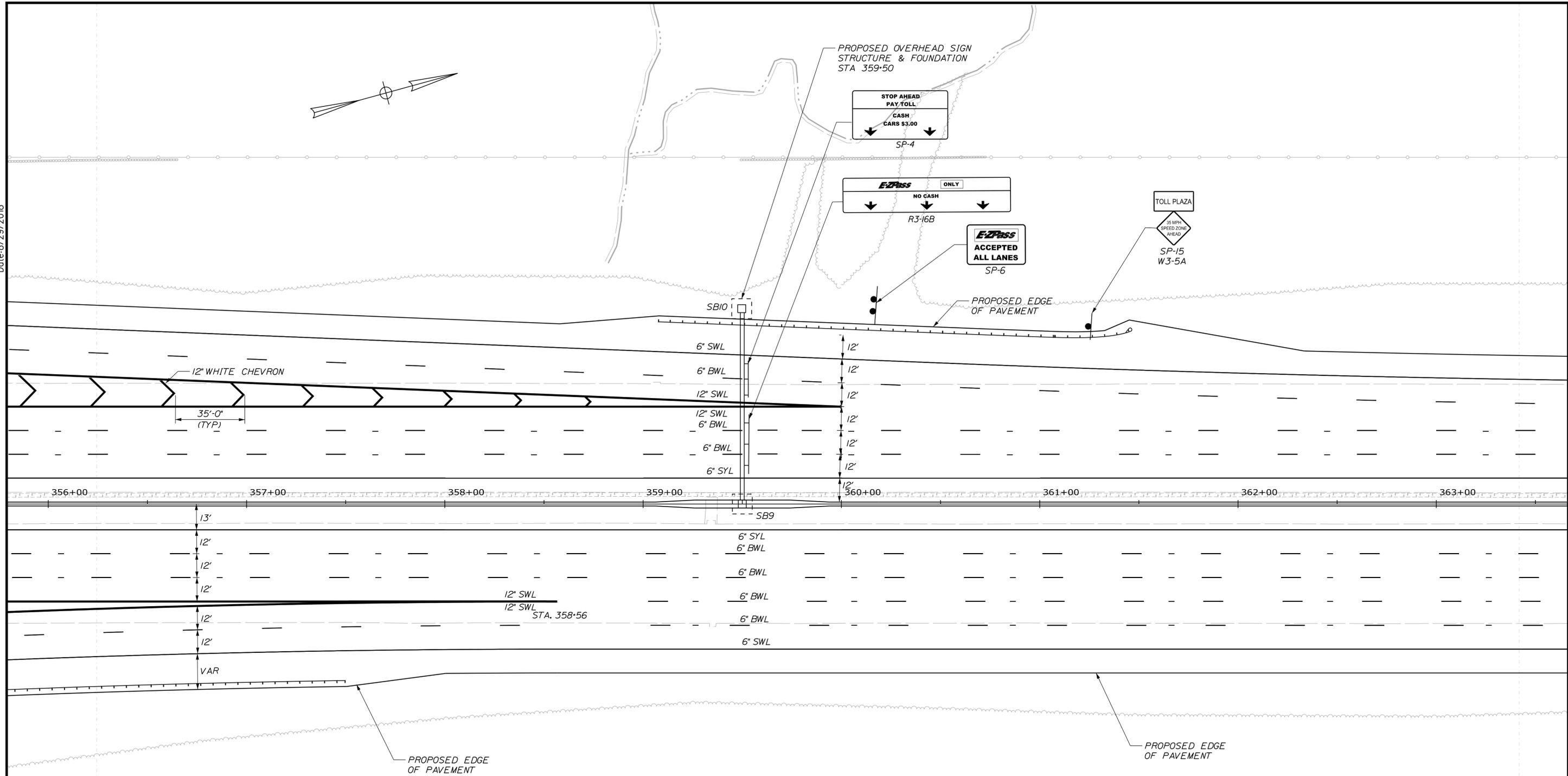
YORK TOLL PLAZA  
SIGNING AND STRIPING  
PLAN 10

SHEET NUMBER: SN-10  
131 OF 489

CONTRACT: 2018.20

Filename: ...00259655\131\_SNP10.dgn

Date: 8/29/2018



**LEGEND**

|     |   |                |
|-----|---|----------------|
| WDL | WHITE DOTTED LANE LINE<br>(3' LINE 9' SPACE - 6' GROOVED IN TAPE)   |                |
| BWL | BROKEN WHITE LINE<br>(10' LINE 30' SPACE - WITH 3' TAPE)            |                |
| SWL | SOLID WHITE LINE  | EXISTING SIGNS |
| SYL | SOLID YELLOW LINE   |                |
| CW  | CROSS WALK<br>12" SOLID WHITE LINES<br>(SPACED 8' CENTER TO CENTER) | PROPOSED SIGNS |



Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date | By           | Date |      |
|----------|-----|------|--------------|------|------|
| Designed | PV  | 7/18 | Checked      | RCE  | 7/18 |
| Drawn    | EFG | 7/18 | In Charge of | TWM  | 7/18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA. 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

**THE GOLD STAR  
MEMORIAL HIGHWAY**

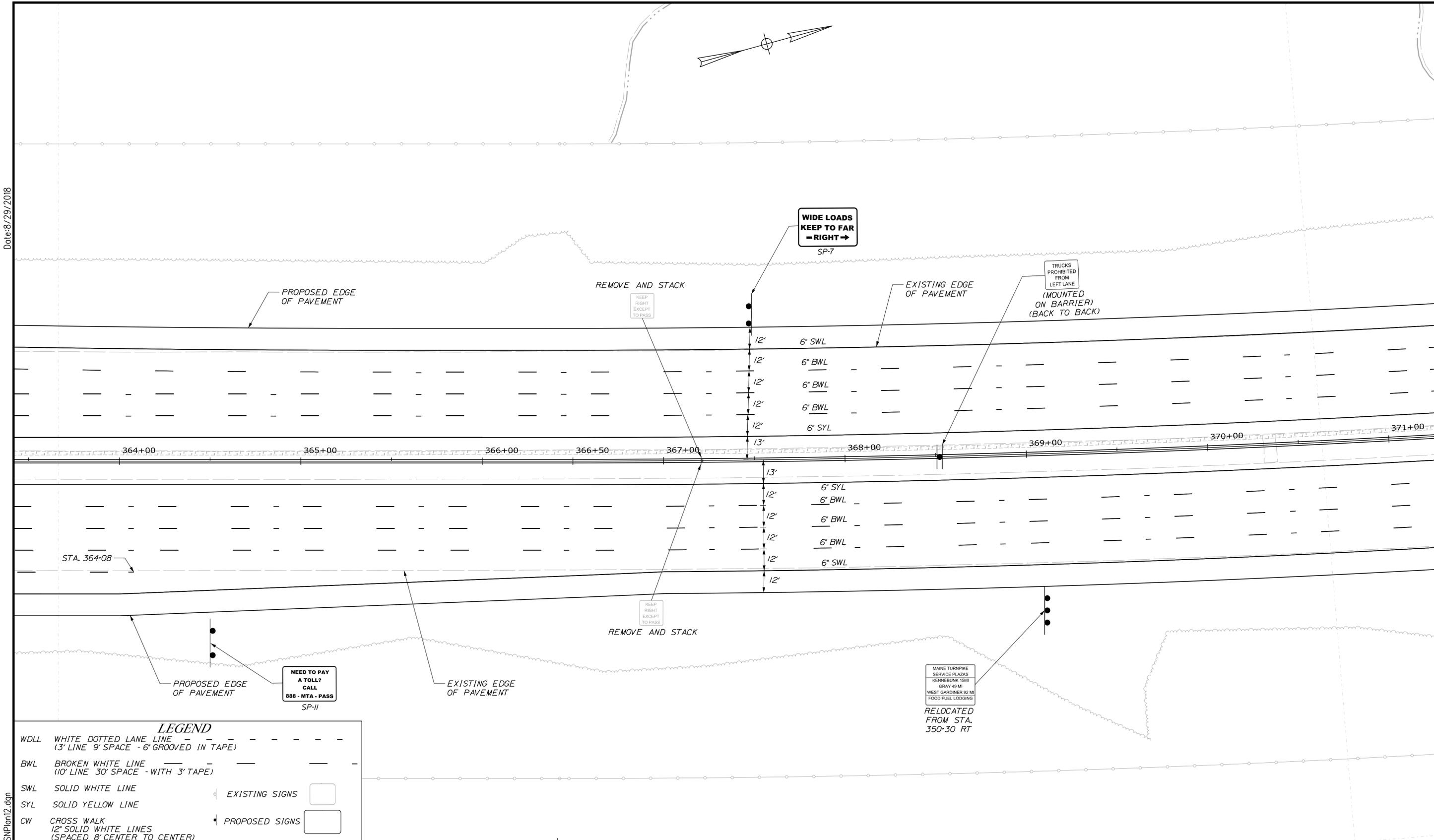
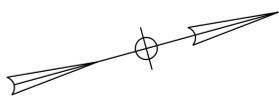
MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
SIGNING AND STRIPING  
PLAN 11

SHEET NUMBER: SN-11  
CONTRACT: 2018.20  
132 OF 489

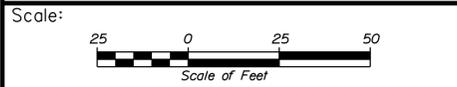
Filename: ... \00259655\132\_SNP\plan11.dgn

Date: 8/29/2018



**LEGEND**

|     |   |  |
|-----|---|--|
| WDL | WHITE DOTTED LANE LINE<br>(3' LINE 9' SPACE - 6' GROOVED IN TAPE)   |  |
| BWL | BROKEN WHITE LINE<br>(10' LINE 30' SPACE - WITH 3' TAPE)            |  |
| SWL | SOLID WHITE LINE  |  |
| SYL | SOLID YELLOW LINE   |  |
| CW  | CROSS WALK<br>12" SOLID WHITE LINES<br>(SPACED 8' CENTER TO CENTER) |  |
|     | EXISTING SIGNS  |  |
|     | PROPOSED SIGNS  |  |



Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date | By           | Date |      |
|----------|-----|------|--------------|------|------|
| Designed | PV  | 7/18 | Checked      | RCE  | 7/18 |
| Drawn    | EFG | 7/18 | In Charge of | TWM  | 7/18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA. 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

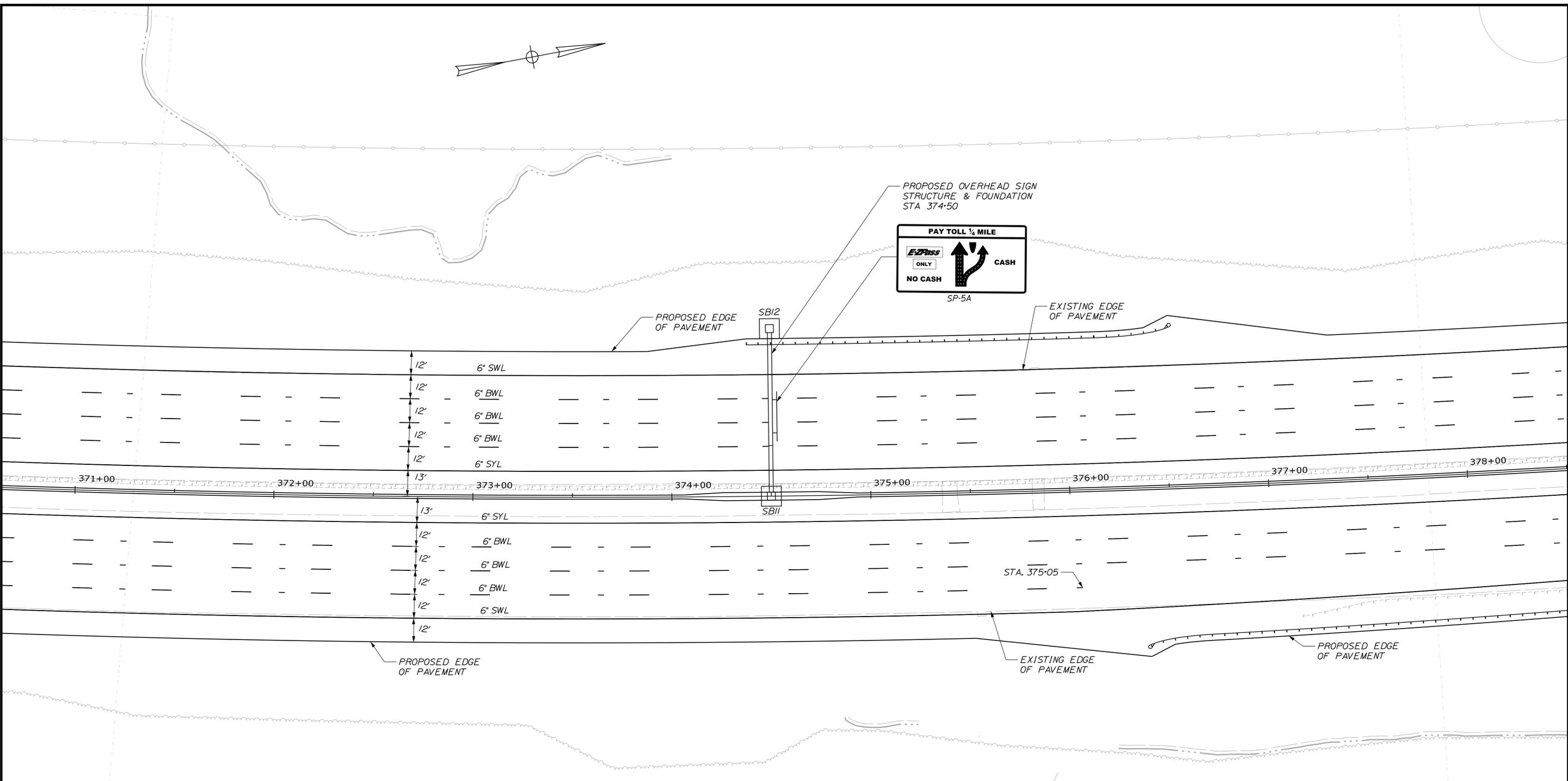
YORK TOLL PLAZA  
SIGNING AND STRIPING  
PLAN 12

SHEET NUMBER: SN-12  
133 OF 489

CONTRACT: 2018.20

Filename: ... \00259655\133\_SNP12.dgn

Date: 8/29/2018



**LEGEND**

|     |   |  |                |
|-----|---|--|----------------|
| WDL | WHITE DOTTED LANE LINE<br>(3' LINE 9' SPACE - 6" GROOVED IN TAPE)   |  |                |
| BWL | BROKEN WHITE LINE<br>(10' LINE 30' SPACE - WITH 3" TAPE)            |  |                |
| SWL | SOLID WHITE LINE  |  | EXISTING SIGNS |
| SYL | SOLID YELLOW LINE   |  |                |
| CW  | CROSS WALK<br>12" SOLID WHITE LINES<br>(SPACED 8' CENTER TO CENTER) |  | PROPOSED SIGNS |



Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | PV  | 7/18 | Checked      | RCE | 7/18 |
| Drawn    | EFG | 7/18 | In Charge of | TWM | 7/18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA. 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

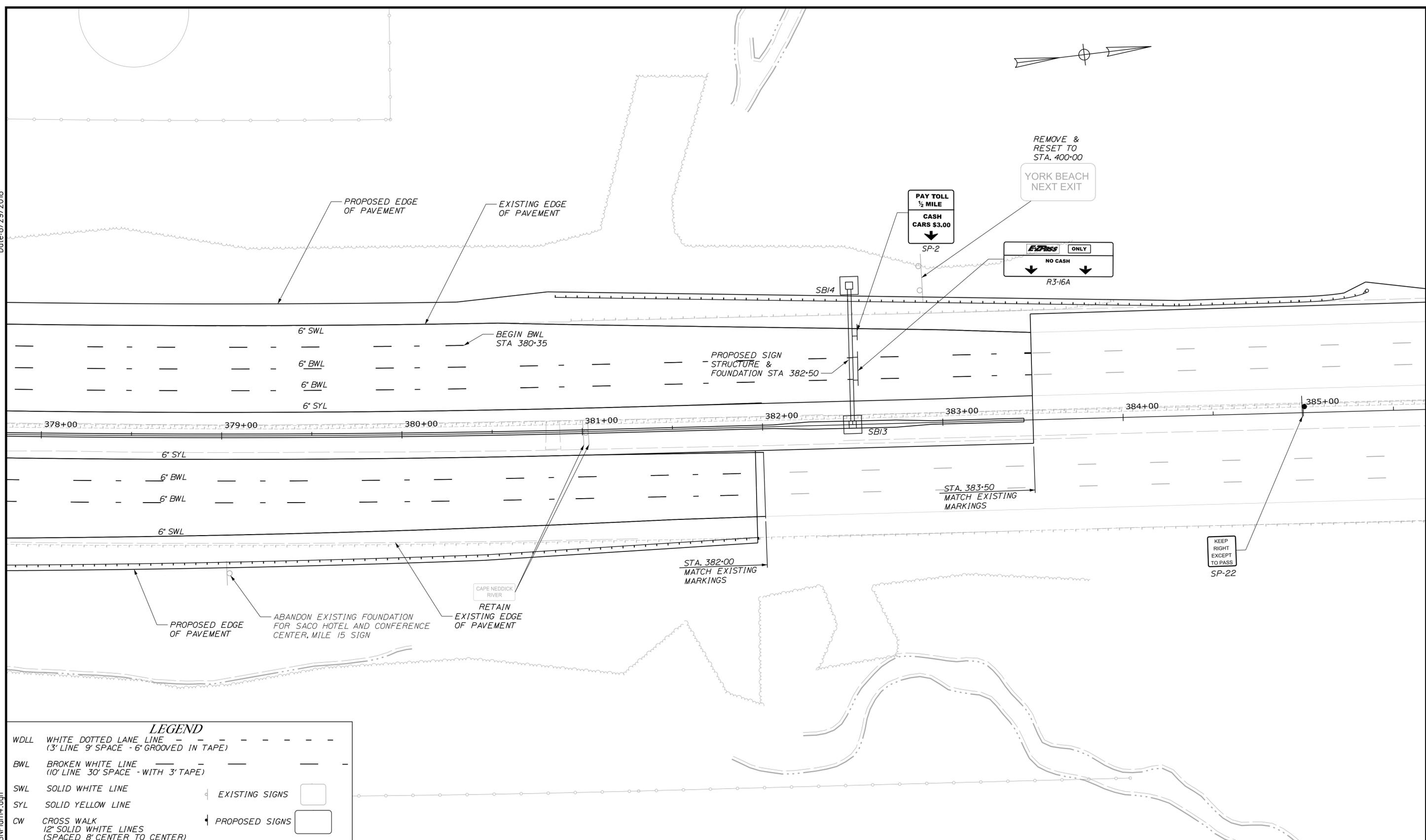
YORK TOLL PLAZA  
 SIGNING AND STRIPING  
 PLAN 13

SHEET NUMBER: SN-13  
 134 OF 489

CONTRACT: 2018.20

Filename: ...\\00259655\134\_SNP\plan13.dgn

Date: 8/29/2018



**LEGEND**

|     |   |  |
|-----|---|--|
| WDL | WHITE DOTTED LANE LINE<br>(3' LINE 9' SPACE - 6" GROOVED IN TAPE)   |  |
| BWL | BROKEN WHITE LINE<br>(10' LINE 30' SPACE - WITH 3" TAPE)            |  |
| SWL | SOLID WHITE LINE  |  |
| SYL | SOLID YELLOW LINE   |  |
| CW  | CROSS WALK<br>12" SOLID WHITE LINES<br>(SPACED 8' CENTER TO CENTER) |  |
|     | EXISTING SIGNS  |  |
|     | PROPOSED SIGNS  |  |

Scale:

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | PV  | 7/18 | Checked      | RCE | 7/18 |
| Drawn    | EFG | 7/18 | In Charge of | TWM | 7/18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA. 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

**THE GOLD STAR MEMORIAL HIGHWAY**

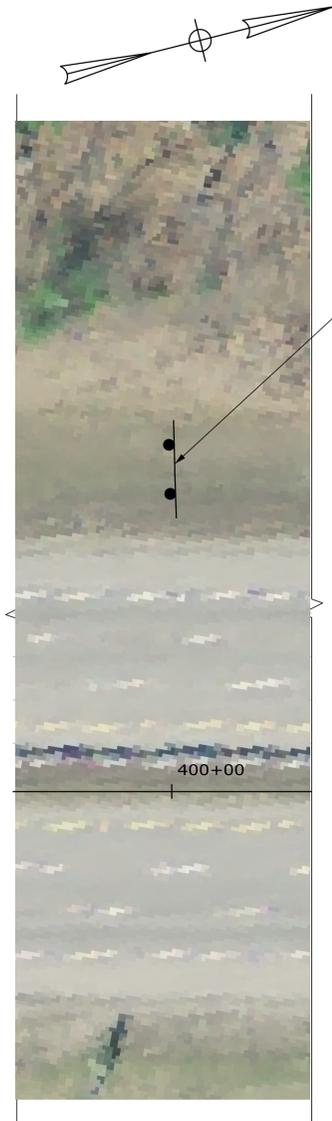
MTA PROJECT MANAGER: R. NORWOOD

**YORK TOLL PLAZA**  
SIGNING AND STRIPING  
PLAN 14

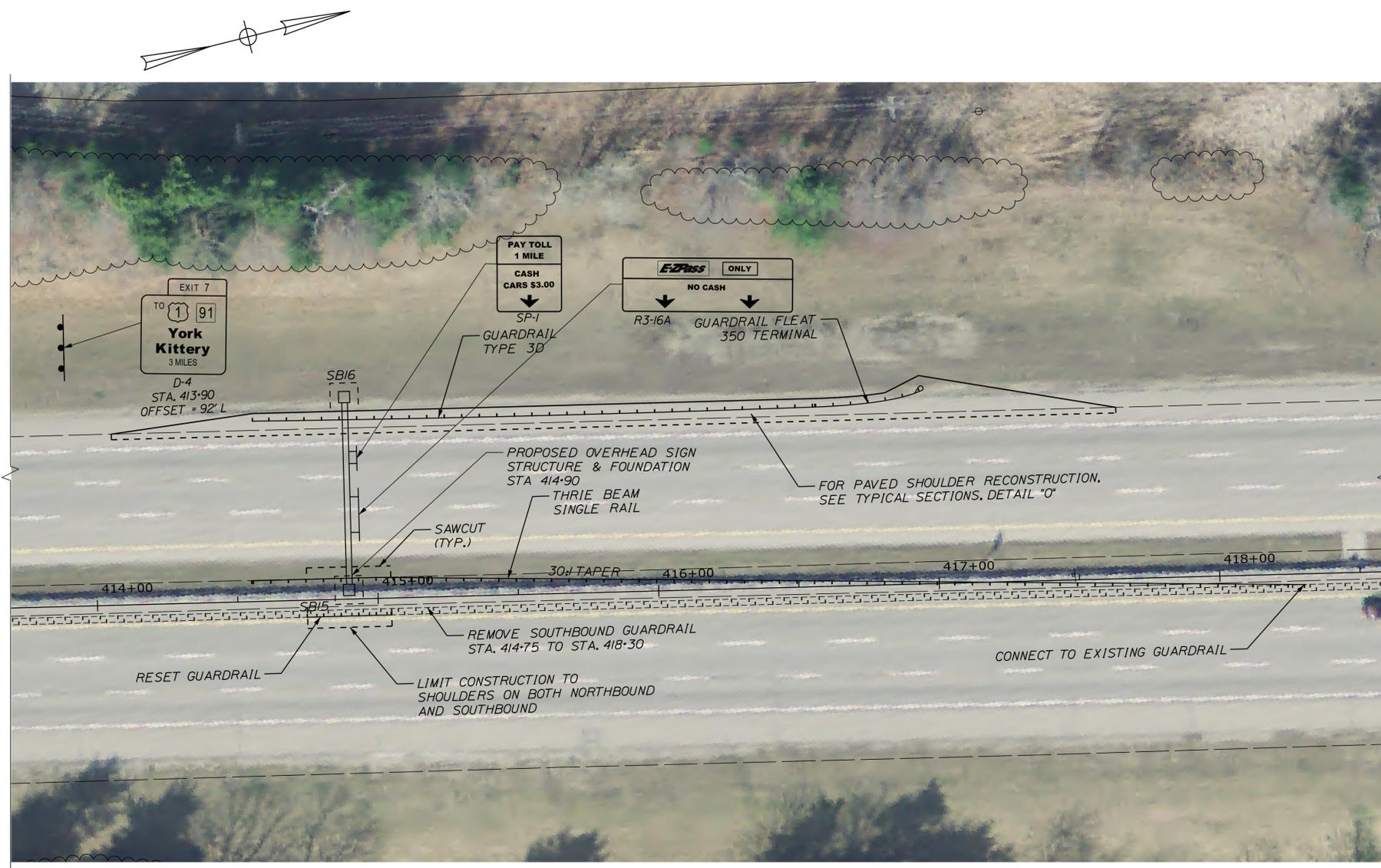
SHEET NUMBER: SN-14  
CONTRACT: 2018.20  
135 OF 489

Filename: ...\\0259655\135\_SNP14.dgn

Date: 8/29/2018



**YORK BEACH  
NEXT EXIT**  
RELOCATED  
SIGN FROM  
STA 383+00



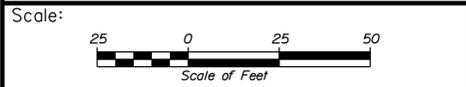
STA 467+00  
**PAY TOLL  
2 MILES**  
CASH  
CARS \$3.00  
SP-8

**LEGEND**

|      |   |       |
|------|---|-------|
| WDLL | WHITE DOTTED LANE LINE<br>(3' LINE 9' SPACE - 6" GROOVED IN TAPE)   | ---   |
| BWL  | BROKEN WHITE LINE<br>(10' LINE 30' SPACE - WITH 3" TAPE)            | - - - |
| SWL  | SOLID WHITE LINE  | —     |
| SYL  | SOLID YELLOW LINE   | —     |
| CW   | CROSS WALK<br>12" SOLID WHITE LINES<br>(SPACED 8' CENTER TO CENTER) | —     |

EXISTING SIGNS:

PROPOSED SIGNS:



Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | PV  | 7/18 | Checked      | RCE | 7/18 |
| Drawn    | EFG | 7/18 | In Charge of | TWM | 7/18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA. 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

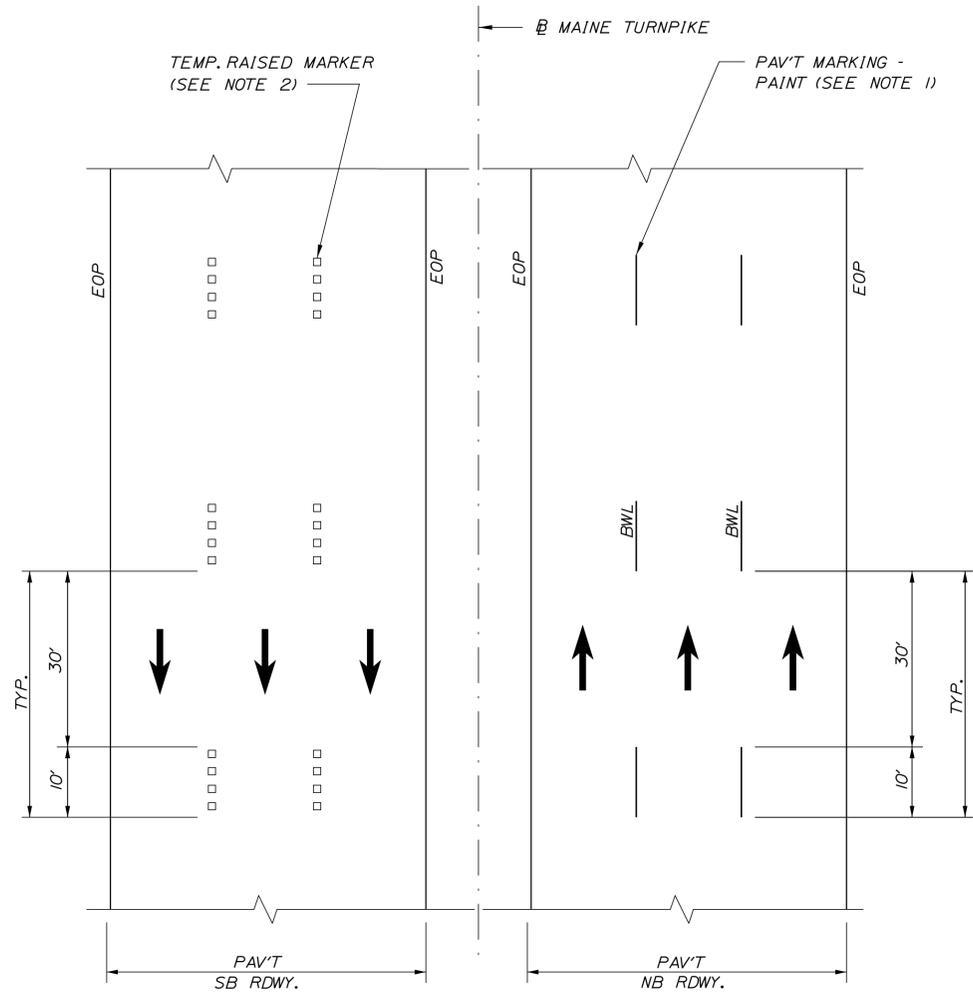
YORK TOLL PLAZA  
SIGNING AND STRIPING  
PLAN 15

SHEET NUMBER: SN-15  
CONTRACT: 2018.20  
136 OF 489

Filename: ... \00259655\136\_SNP15.dgn

Date: 8/29/2018

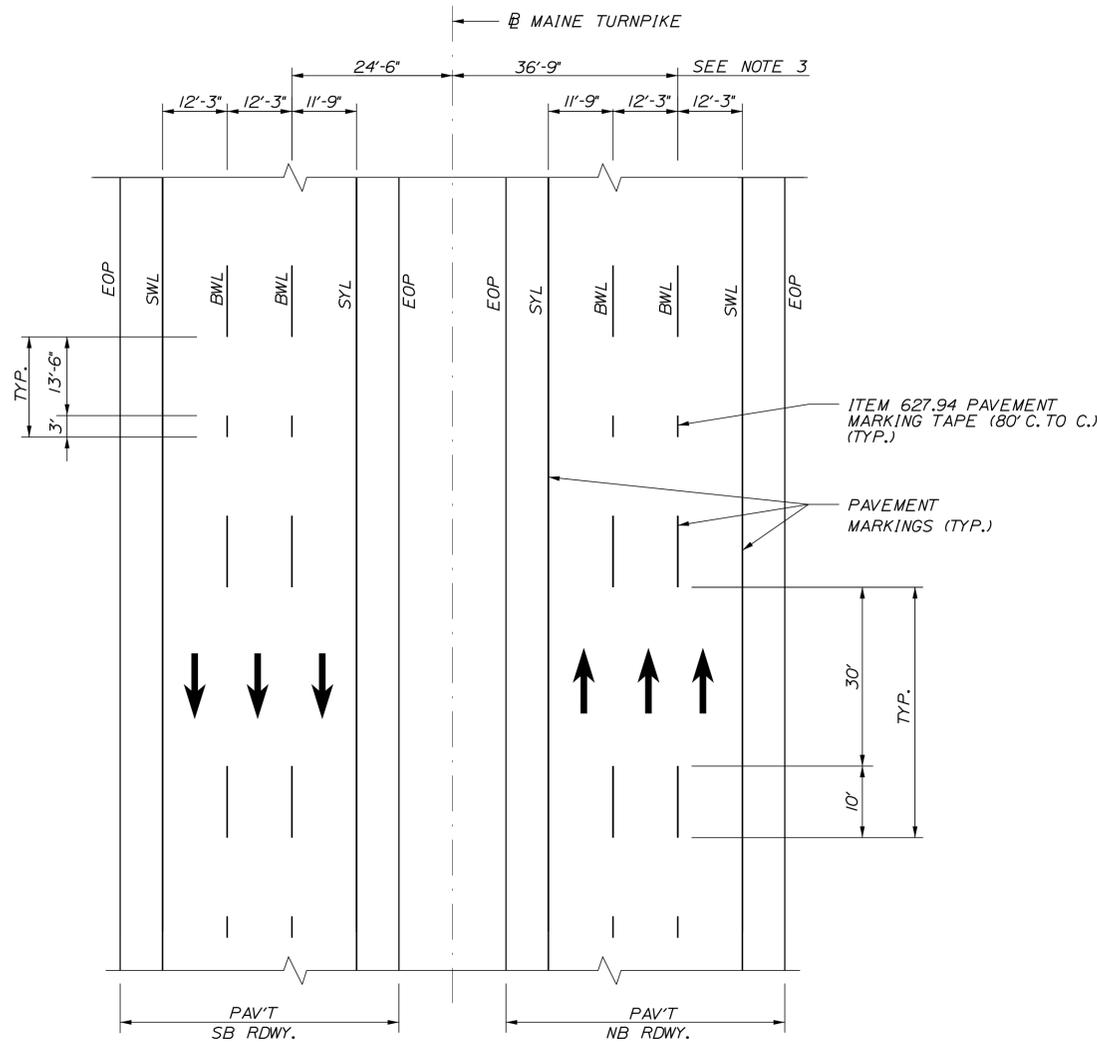
Filename: ... \137\_SN16-Typical\_01\_Striping.dgn



**TEMP. PAVEMENT MARKINGS  
3 LANE RDWY**

**NOTES:**

- TEMPORARY PAVEMENT MARKINGS ON MILLED PAVEMENT SHALL BE 6" BROKEN WHITE PAINT LINES.
- TEMPORARY PAVEMENT MARKINGS ON HMA 12.5 MM SHALL BE TEMPORARY RAISED PAVEMENT MARKERS.



**PERMANENT PAVEMENT MARKINGS  
3 LANE RDWY**

**NOTES:**

- PERMANENT PAVEMENT MARKINGS SHALL BE 6" WIDE LINES OR AS NOTED.
- PERMANENT PAVEMENT MARKINGS SHALL BE INSTALLED ON BOTH ROADWAYS.
- THE OFFSET DISTANCES SHOWN ARE MEASURED FROM THE CENTER OF THE 6" PAINT LINES.
- ALL EXISTING PAINT MARKINGS SHALL BE REMOVED PRIOR TO INSTALLATION OF ITEM 627.941 PAVEMENT MARKING TAPE AND SHALL BE INCIDENTAL TO INSTALLATION OF THE TAPE.
- ON DECELERATION RAMPS, THE WDLL SHALL BEGIN AT THE BEGINNING OF THE FULL WIDTH DECELERATION LANE AND EXTEND TO THE THEORETICAL GORE MARKINGS.
- ITEM 627.941 PAVEMENT MARKING TAPE FOR DWLL SHALL BE INSTALLED IN AN "IN-AND-OUT" GROOVING PATTERN. SEE DETAIL ON SHEET 2.

**LEGEND**

- SYL = SOLID YELLOW LINE (6" PAINT)
- SWL = SOLID WHITE LINE (6" PAINT)
- BWL = BROKEN WHITE LINE (6" PAINT)
- WDLL = WHITE DOTTED LANE LINE (6" PAVEMENT MARKING TAPE)
- EOP = EDGE OF PAVEMENT

Scale: AS NOTED

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | PV  | 7/18 | Checked      | RCE | 7/18 |
| Drawn    | EFG | 7/18 | In Charge of | TWM | 7/18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA. 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

**MAINE TURNPIKE**

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

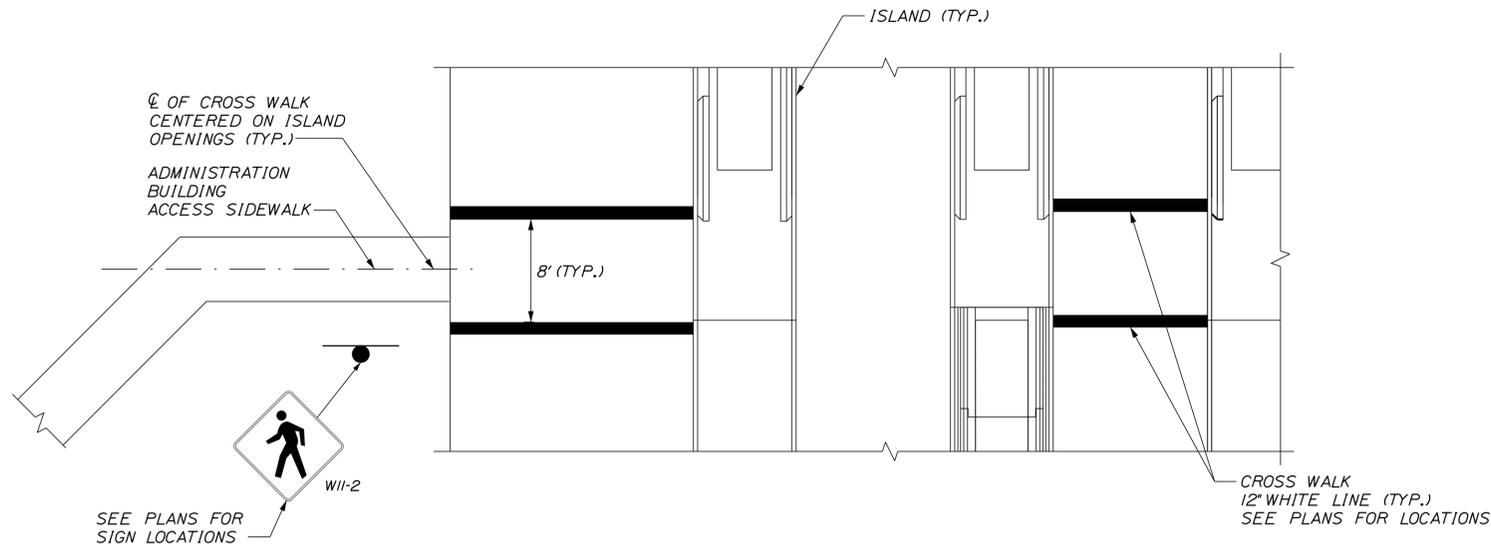
PAVEMENT MARKING DETAILS 1

SHEET NUMBER: SN-16

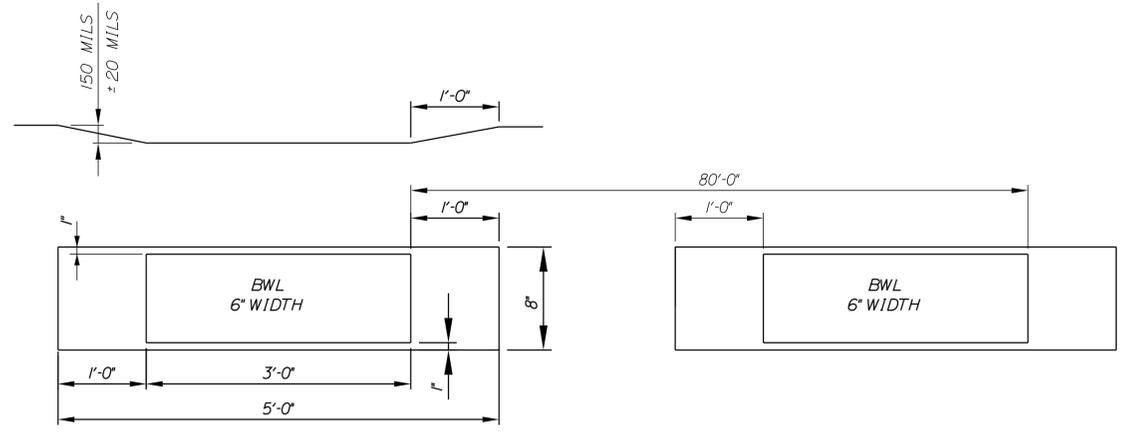
CONTRACT: 2018.20

137 OF 489

Date: 8/29/2018



**CROSSWALK DETAIL**  
(SOUTHBOUND ROADWAY AREA SHOWN, NORTHBOUND SIM.)



**ITEM 627.94**  
**BWL PERMANENT PAVEMENT MARKINGS WITH TAPE**  
**GROOVING DETAIL**  
N.T.S.

**NOTES:**

1. PERMANENT PAVEMENT MARKINGS SHALL BE 6" WIDE LINES OR AS NOTED.
2. PERMANENT PAVEMENT MARKINGS SHALL BE INSTALLED ON BOTH ROADWAYS.
3. THE OFFSET DISTANCES SHOWN ARE MEASURED FROM THE CENTER OF THE 6" PAINT LINES.
4. ALL EXISTING PAINT MARKINGS SHALL BE REMOVED PRIOR TO INSTALLATION OF ITEM 627.94 PAVEMENT MARKING TAPE AND SHALL BE INCIDENTAL TO INSTALLATION OF THE TAPE.
5. ON DECELERATION RAMP, THE DWLL SHALL BEGIN AT THE BEGINNING OF THE FULL WIDTH DECELERATION LANE AND EXTEND TO THE THEORETICAL GORE MARKINGS.
6. ITEM 627.94 PAVEMENT MARKING TAPE FOR DWLL SHALL BE INSTALLED IN AN "IN-AND-OUT" GROOVING PATTERN. SEE DETAIL ON SHEET 2.
7. GROOVE POSITION SHALL BE A MINIMUM OF 2 INCHES FROM THE EDGE OF THE PAVEMENT MARKING TO THE LONGITUDINAL PAVEMENT JOINT.

**LEGEND**

- SYL = SOLID YELLOW EDGE LINE (6" PAINT)
- SWL = SOLID WHITE EDGE LINE (6" PAINT)
- BWL = BROKEN WHITE LANE LINE (6" PAINT)
- WDLL = WHITE DOTTED LANE LINE (6" PAINT)
- EOP = EDGE OF PAVEMENT

Filename: ... \138\_SMT7-Typical\_02\_Striping.dgn

| Scale:   |          |    |      |
|----------|----------|----|------|
| AS NOTED |          |    |      |
| No.      | Revision | By | Date |
|          |          |    |      |
|          |          |    |      |

|                                      |     |      |              |     |      |
|--------------------------------------|-----|------|--------------|-----|------|
| Designed by:                         |     |      |              |     |      |
| <b>JACOBS</b>                        |     |      |              |     |      |
| CONSULTANT PROJECT MANAGER: T. MORIN |     |      |              |     |      |
|                                      | By  | Date |              | By  | Date |
| Designed                             | PV  | 7/18 | Checked      | RCE | 7/18 |
| Drawn                                | EFG | 7/18 | In Charge of | TWM | 7/18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA. 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

THE GOLD STAR  
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD

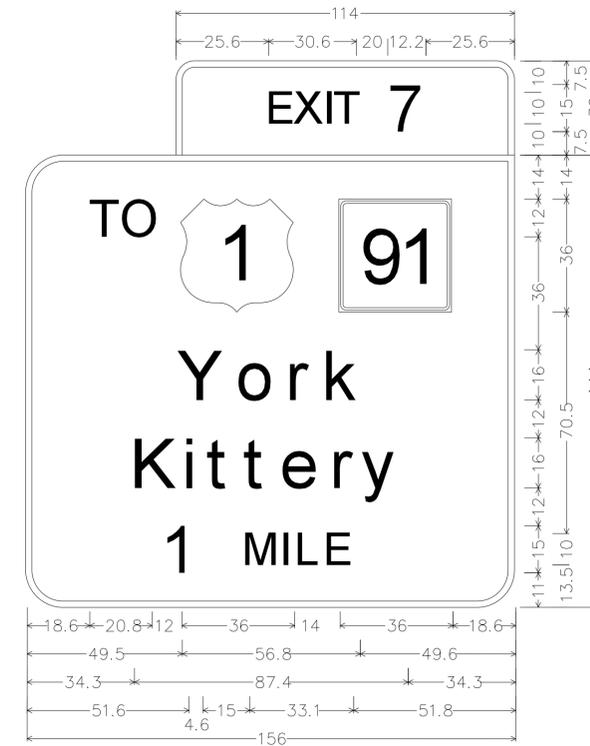
YORK TOLL PLAZA

PAVEMENT MARKING DETAILS 2

SHEET NUMBER: SN-17

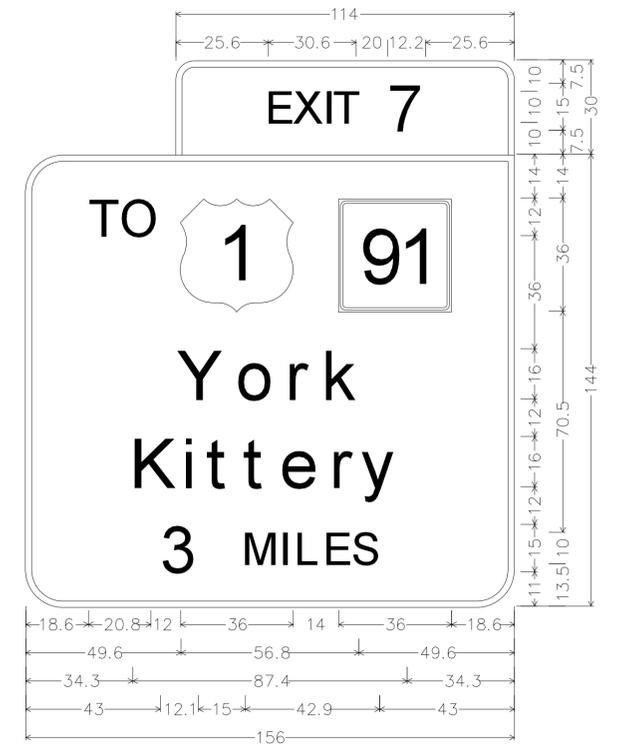
CONTRACT: 2018.20

138 OF 489



6.0" RADIUS, 2.0" BORDER, WHITE ON GREEN;  
 [EXIT 7] E 2K;  
 12.0" RADIUS, 2.0" BORDER, WHITE ON GREEN;  
 [TO] E 2K; STATE HIGHWAY 91 M1-5;  
 [YORK] E MOD 2K; [KITTERY] E MOD 2K; [1 MILE] E 2K;

SIGN D-3



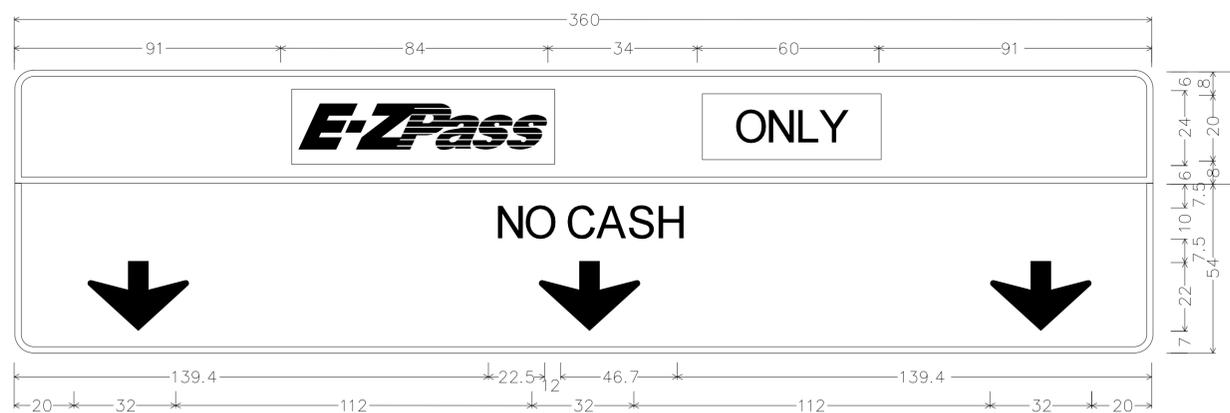
6.0" RADIUS, 2.0" BORDER, WHITE ON GREEN;  
 [EXIT 7] E 2K;  
 12.0" RADIUS, 2.0" BORDER, WHITE ON GREEN;  
 [TO] E 2K; STATE HIGHWAY 91 M1-5;  
 [YORK] E MOD 2K; [KITTERY] E MOD 2K;  
 [3 MILES] E 2K;

SIGN D-4



12.0" RADIUS, 2.0" BORDER, WHITE ON PURPLE;  
 RECTANGLE WHITE;  
 12.0" RADIUS, 2.0" BORDER, WHITE ON GREEN;  
 [NO CASH] E 2K; DOWN ARROW 22.0" 270°; DOWN ARROW 22.0" 270°;

SIGN R3-16A



12.0" RADIUS, 2.0" BORDER, WHITE ON PURPLE;  
 RECTANGLE WHITE;  
 12.0" RADIUS, 2.0" BORDER, WHITE ON GREEN;  
 [NO CASH] E 2K; DOWN ARROW 22.0" 270°; DOWN ARROW 22.0" 270°; DOWN ARROW 22.0" 270°;

SIGN R3-16B



3.0" Radius, 1.0" Border, White on Green;  
 [ACCEPTED] D 2K;  
 [ALL LANES] D 2K;

SIGN SP-6

Scale: **NOT TO SCALE**

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS®**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | PV  | 7/18 | Checked      | RCE | 7/18 |
| Drawn    | EFG | 7/18 | In Charge of | TWM | 7/18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA. 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

SIGN DETAILS  
 SHEET 1 OF 3

SHEET NUMBER: SN-18  
 139 OF 489

CONTRACT: 2018.20

Date: 8/29/2018



12.0" RADIUS, 2.0" BORDER, BLACK ON YELLOW;  
 [PAY TOLL] E MOD 2K;  
 [1 MILE] E MOD 2K;  
 12.0" RADIUS, 2.0" BORDER, WHITE ON GREEN;  
 [CASH] E MOD 2K;  
 [CARS \$3.00] E MOD 2K 50% SPACING;  
 DOWN ARROW 22.0" 270°;

SIGN SP-1



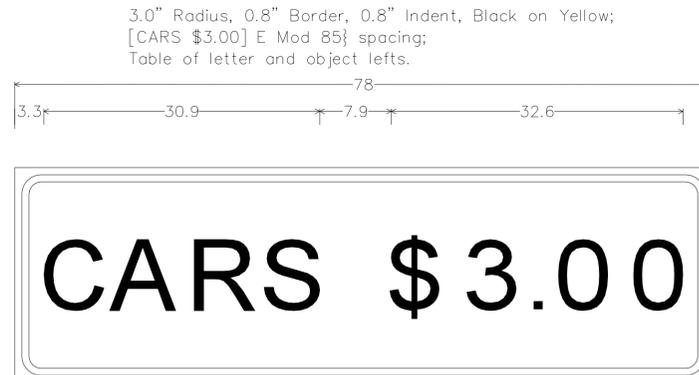
12.0" RADIUS, 2.0" BORDER, BLACK ON YELLOW;  
 [PAY TOLL] E MOD 2K;  
 [1/2 ] E MOD 2K [MILE] E 2K;  
 12.0" RADIUS, 2.0" BORDER, WHITE ON GREEN;  
 [CASH] E MOD 2K;  
 [CARS \$3.00] E MOD 2K 50% SPACING;  
 DOWN ARROW 22.0" 270°;

SIGN SP-2



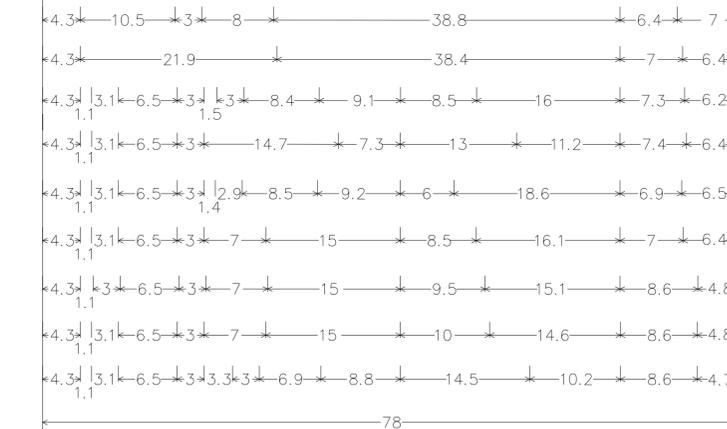
9.0" RADIUS, 1.0" BORDER, WHITE ON PURPLE;  
 [SAVE TIME ... SAVE MONEY] B 2K 30% SPACING;  
 [1-888-MTA-PASS] D 2K;

SIGN SP-3



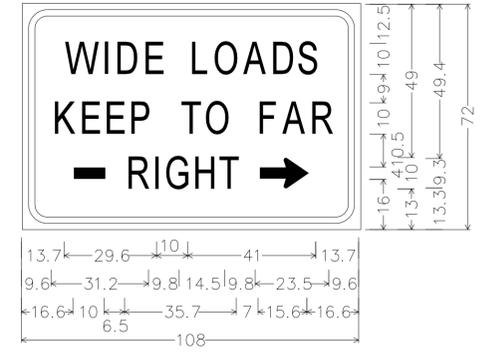
3.0" Radius, 0.8" Border, 0.8" Indent, Black on Yellow;  
 [CARS \$3.00] E Mod 85} spacing;  
 Table of letter and object lefts.

| VEHICLE CLASS    | FARE    |
|------------------|---------|
| 2 AXLE 4 WHEEL   | \$3.00  |
| 2 AXLE W/TRAILER | \$4.50  |
| 2 AXLE 6 WHEEL   | \$7.50  |
| 3 AXLE COMB      | \$9.00  |
| 4 AXLE COMB      | \$10.50 |
| 5 AXLE COMB      | \$12.00 |
| 6 AXLE OR MORE   | \$13.50 |



3.0" RADIUS, 0.8" BORDER, 0.8" INDENT, BLACK ON WHITE;  
 [VEHICLE CLASS] B; [2 AXLE 4 WHEEL] B; [2 AXLE W/TRAILER] B; [2 AXLE 6 WHEEL] B;  
 [3 AXLE COMB] B; [4 AXLE COMB] B; [5 AXLE COMB] B; [6 AXLE OR MORE] B;  
 [FARE] B; [\$3.00] B; [\$4.50] B; [\$7.50] B; [\$9.00] B; [\$10.50] B; [\$12.00] B; [\$13.50] B;

SIGN SP-13



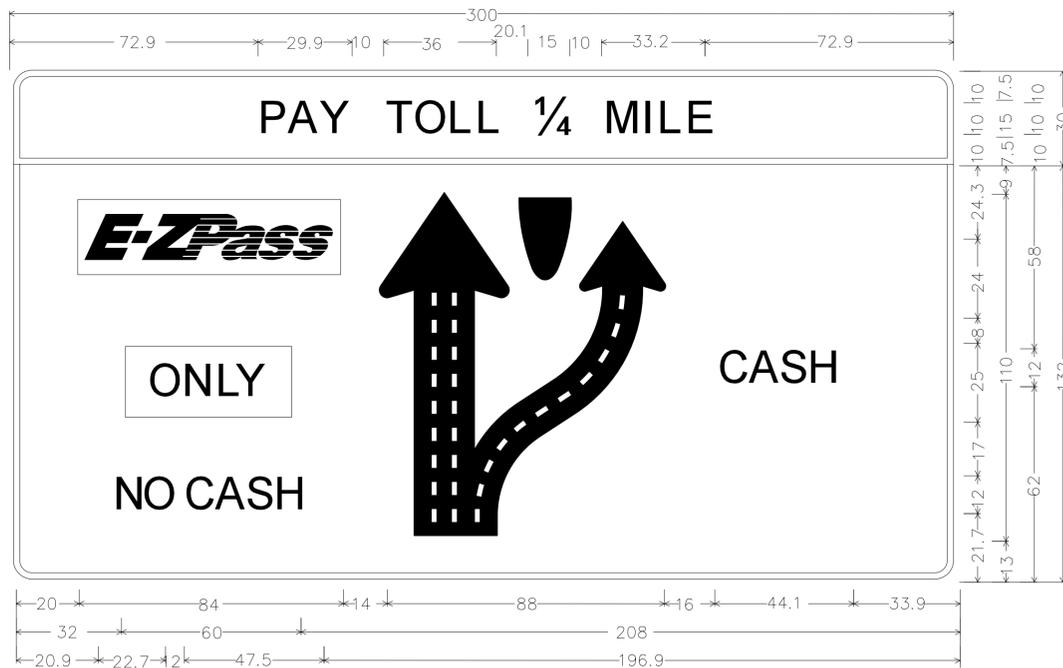
9.0" RADIUS, 2.0" BORDER, 2.0" INDENT, BLACK ON WHITE;  
 [WIDE LOADS] D 2K;  
 [KEEP TO FAR] D 2K;  
 [RIGHT] D 2K;  
 STANDARD ARROW CUSTOM 15.6" X 9.4" 0;

SIGN SP-7



9.0" RADIUS, 2.0" BORDER, BLACK ON YELLOW;  
 [PAY TOLL] E MOD 2K;  
 [2 MILES] E MOD 2K;  
 9.0" RADIUS, 2.0" BORDER, WHITE ON GREEN;  
 [CARS \$3.00] E MOD 2K; 50% SPACING.

SIGN SP-8



12.0" RADIUS, 2.0" BORDER, BLACK ON YELLOW;  
 [PAY TOLL 1/4 ] E MOD 2K [MILE] E 2K;  
 12.0" RADIUS, 2.0" BORDER, WHITE ON GREEN;  
 RECTANGLE PURPLE; RECTANGLE WHITE;

SIGN SP-5A

Filename: ... \140\_SN19-Special\_02\_SIGN.dgn

Scale: **NOT TO SCALE**

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date | By           | Date |      |
|----------|-----|------|--------------|------|------|
| Designed | PV  | 7/18 | Checked      | RCE  | 7/18 |
| Drawn    | EFG | 7/18 | In Charge of | TWM  | 7/18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA. 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

SIGN DETAILS  
 SHEET 2 OF 3

SHEET NUMBER: SN-19  
 140 OF 489

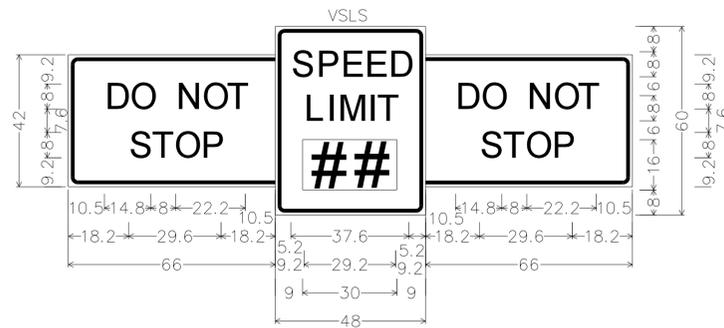
CONTRACT: 2018.20

Date: 8/29/2018



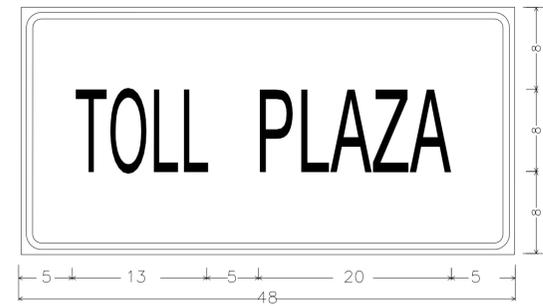
12.0" RADIUS, 2.0" BORDER, WHITE ON BLUE;  
 [NEED TO PAY] E MOD 2K;  
 [A TOLL?] E MOD 2K;  
 [CALL] E MOD 2K;  
 [888 - MTA - PASS] E MOD 2K 50% SPACING;

SIGN SP-11



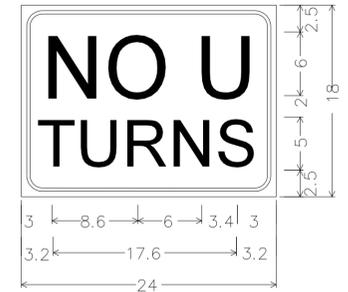
3.0" RADIUS, 1.3" BORDER, 0.8" INDENT, BLACK ON WHITE;  
 [DO NOT] E 2K; [STOP] E 2K;  
 3.0" RADIUS, 1.3" BORDER, 0.8" INDENT, BLACK ON WHITE;  
 [SPEED] E 2K; [LIMIT] E 2K  
 3.0" RADIUS, 1.3" BORDER, 0.8" INDENT, BLACK ON WHITE;  
 [DO NOT] E 2K; [STOP] E 2K;

SIGN SP-14



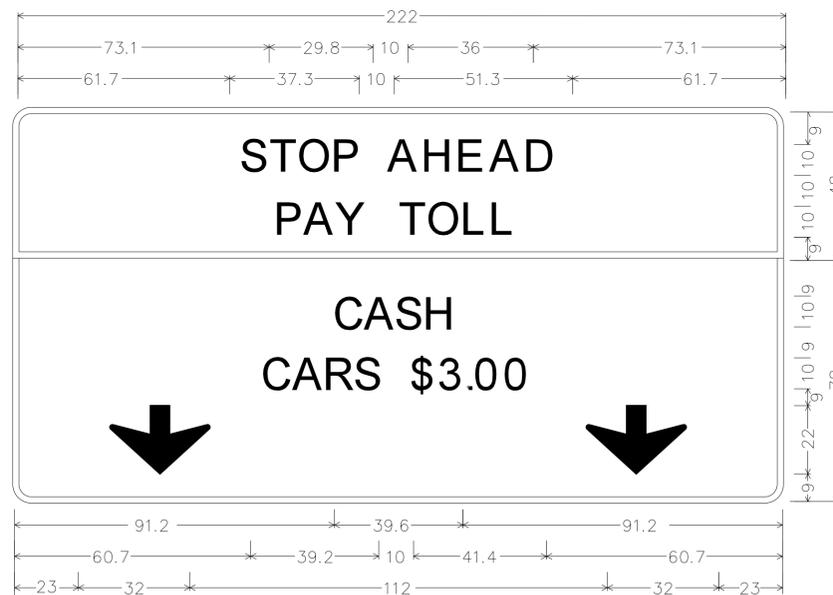
3.0" RADIUS, 0.6" BORDER, 0.5" INDENT, BLACK ON YELLOW;  
 [TOLL] B 10% SPACING; [PLAZA] B 10% SPACING;

SIGN SP-15



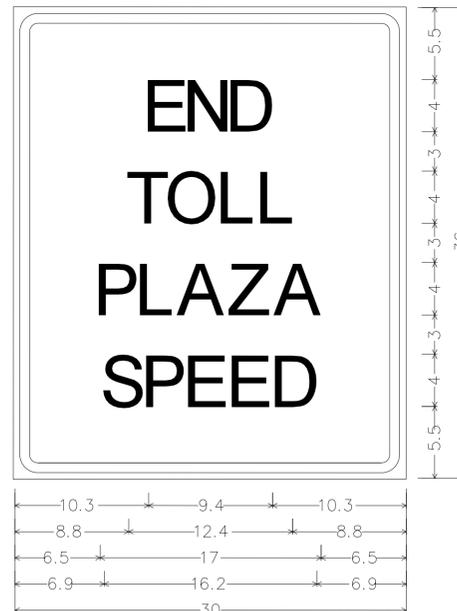
2.0" RADIUS, 0.6" BORDER, 0.4" INDENT, BLACK ON WHITE;  
 [NO U] C 2K;  
 [TURNS] C 2K;

SIGN SP-17



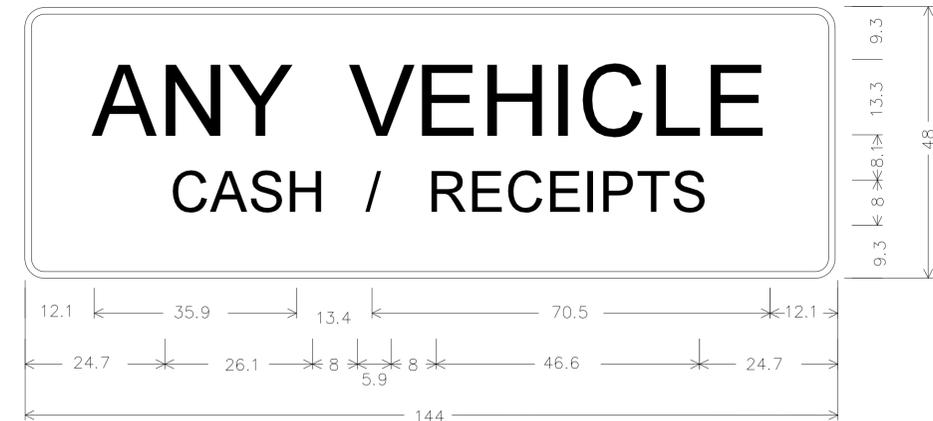
12.0" RADIUS, 2.0" BORDER, BLACK ON YELLOW;  
 [STOP AHEAD] E MOD 2K; [PAY TOLL] E MOD 2K;  
 12.0" RADIUS, 2.0" BORDER, WHITE ON GREEN;  
 [CASH] E MOD 2K; [CARS \$3.00] E MOD 2K; DOWN ARROW 22.0" 270°;  
 DOWN ARROW 22.0" 270°;

SIGN SP-4



3.0" RADIUS, 0.8" BORDER, 0.5" INDENT, BLACK ON WHITE;  
 [END] D; [TOLL] D; [PLAZA] D; [SPEED] D;

SIGN SP-16



9.0" Radius, 1.3" Border, Black on White;  
 9.0" RADIUS, 2.0" BORDER, 2.0" INDENT, BLACK ON WHITE;  
 [ANY VEHICLE] D 2K;  
 [CASH / RECEIPTS] D 2K

SIGN SP-18

Filename: ... \141\_SN20-Special\_03\_SIGN.dgn

|              |          |    |      |
|--------------|----------|----|------|
| Scale:       |          |    |      |
| NOT TO SCALE |          |    |      |
| No.          | Revision | By | Date |
|              |          |    |      |
|              |          |    |      |

|                                      |              |      |      |
|--------------------------------------|--------------|------|------|
| Designed by:                         |              |      |      |
| <b>JACOBS</b>                        |              |      |      |
| CONSULTANT PROJECT MANAGER: T. MORIN |              |      |      |
|                                      | By           | Date |      |
|                                      | PV           | 7/18 |      |
|                                      | Checked      | RCE  | 7/18 |
|                                      | By           | Date |      |
|                                      | Drawn        | EFG  | 7/18 |
|                                      | In Charge of | TWM  | 7/18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA. 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

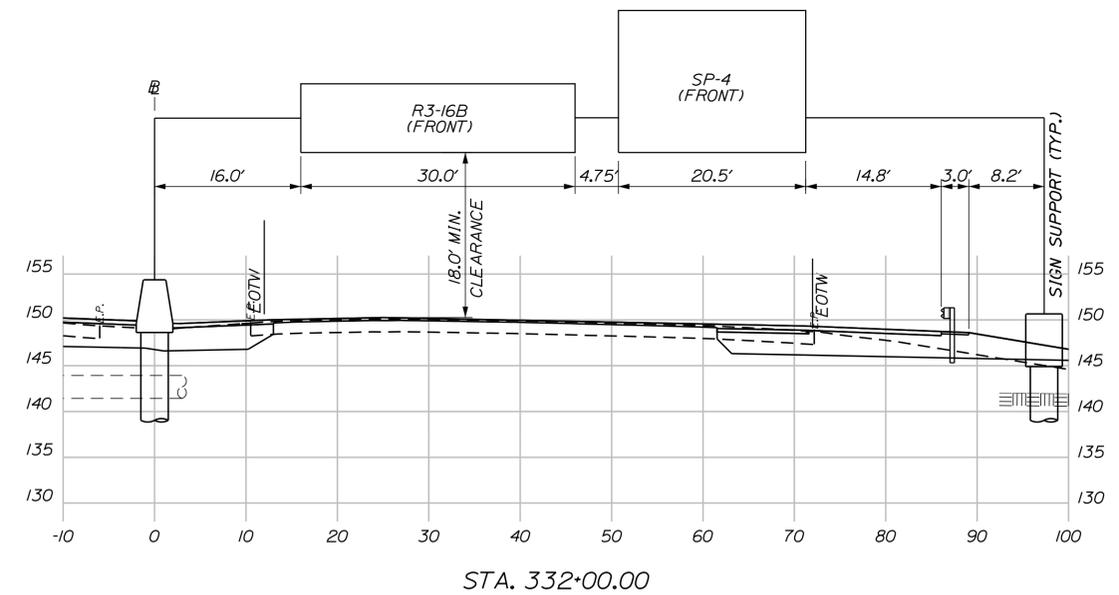
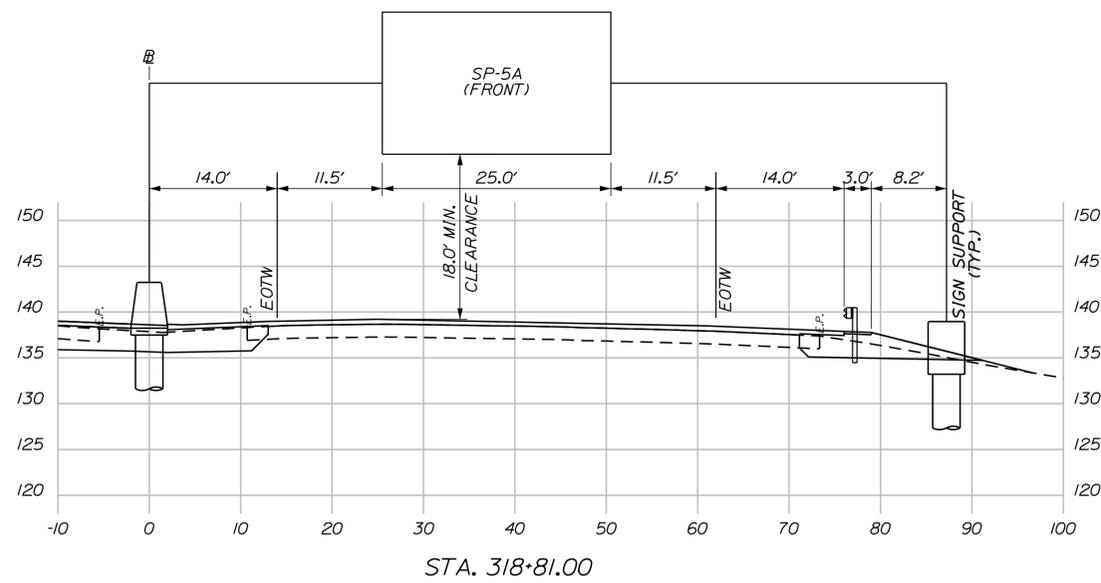
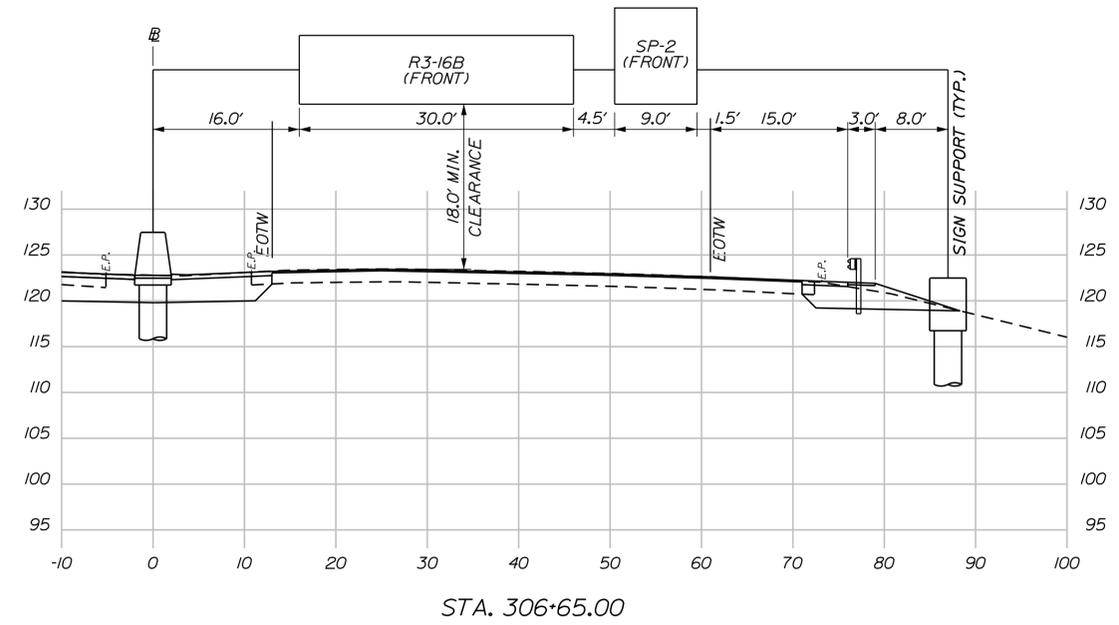
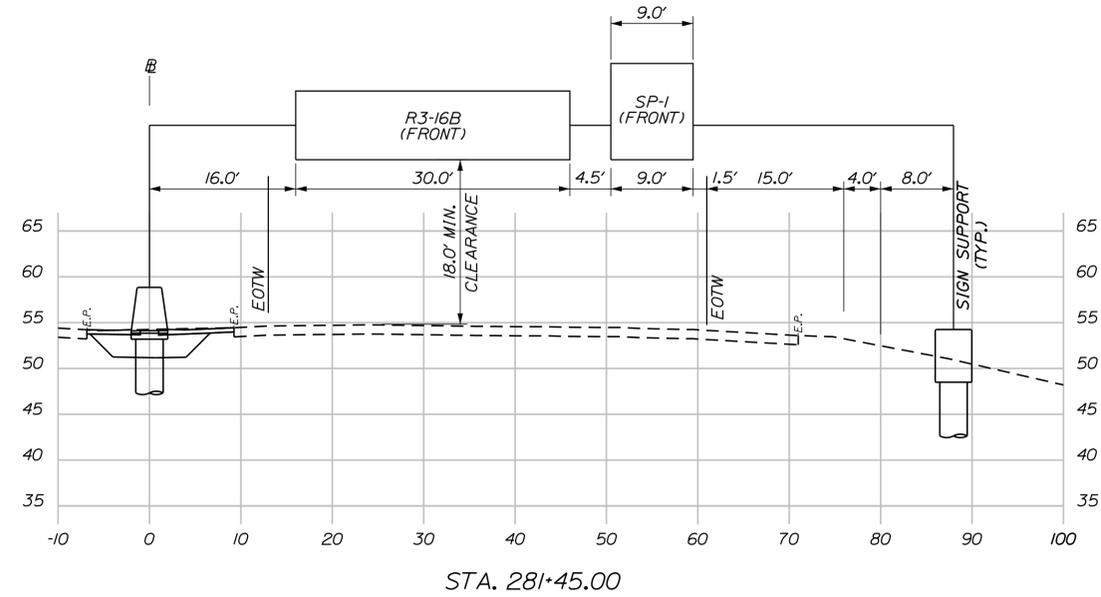
YORK TOLL PLAZA

SIGN DETAILS  
SHEET 3 OF 3

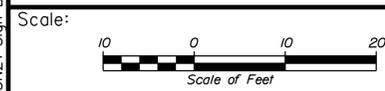
SHEET NUMBER: SN-20  
141 OF 489

CONTRACT: 2018.20

Date: 8/29/2018



Filename: ... \142\_SN21-Sign Bridge 1.dgn



| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | PV  | 7/18 | Checked      | DB  | 7/18 |
| Drawn    | CWB | 7/18 | In Charge of | TWM | 7/18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA. 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

**THE GOLD STAR  
MEMORIAL HIGHWAY**

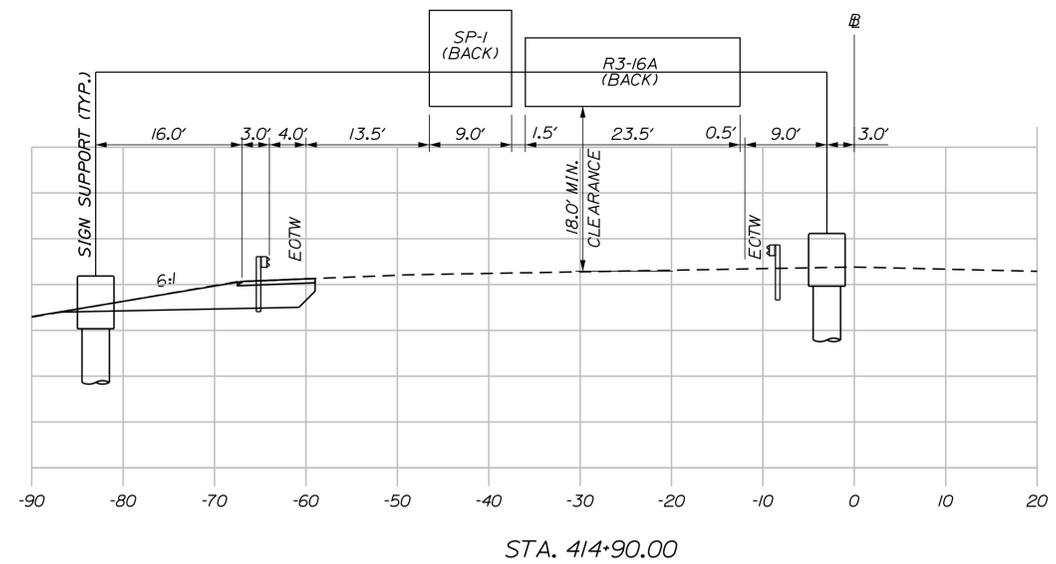
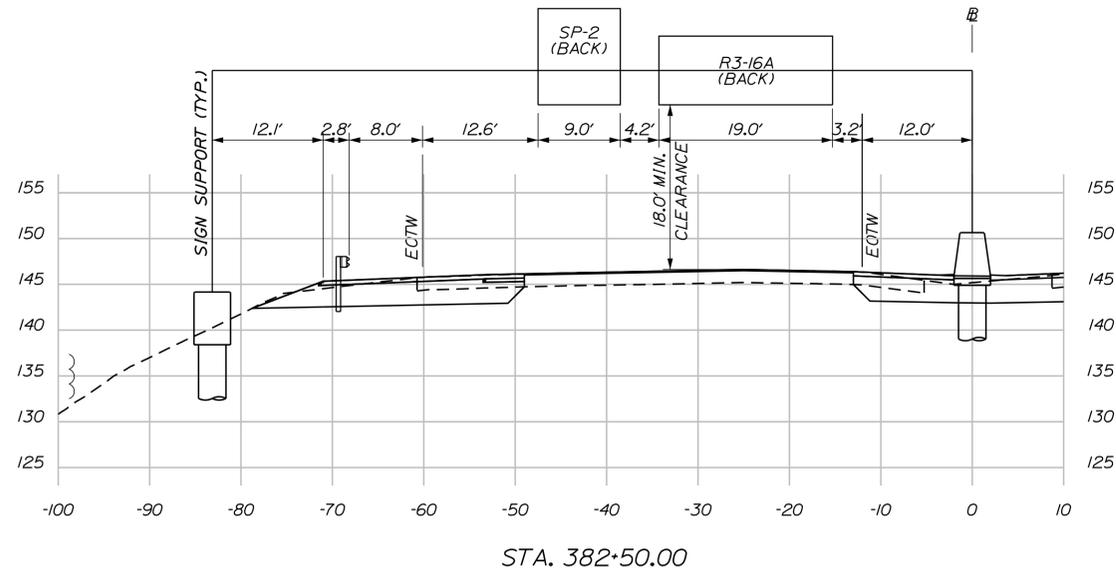
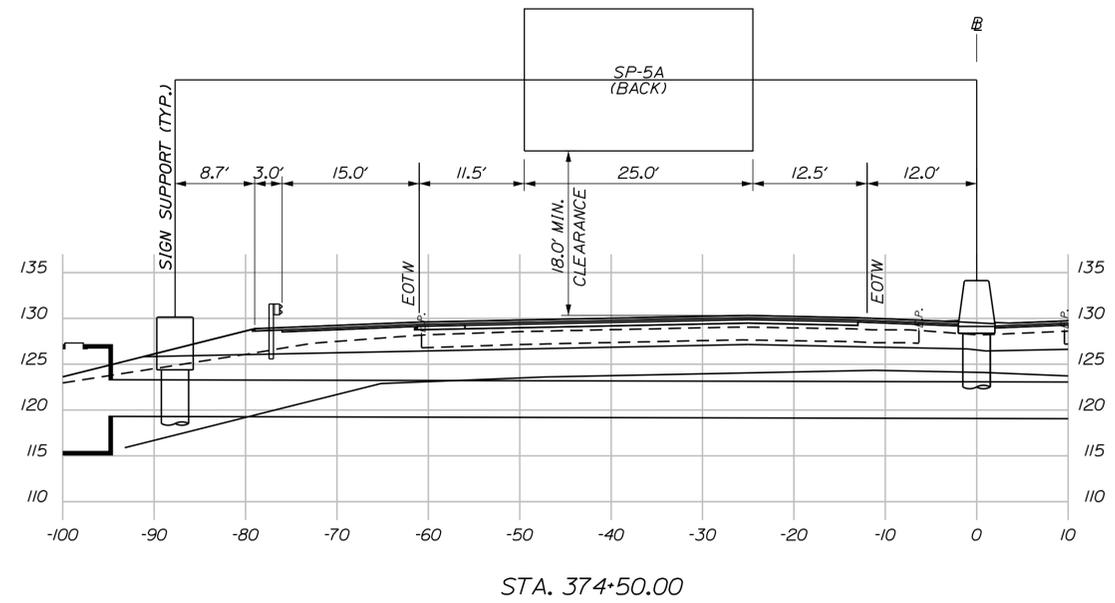
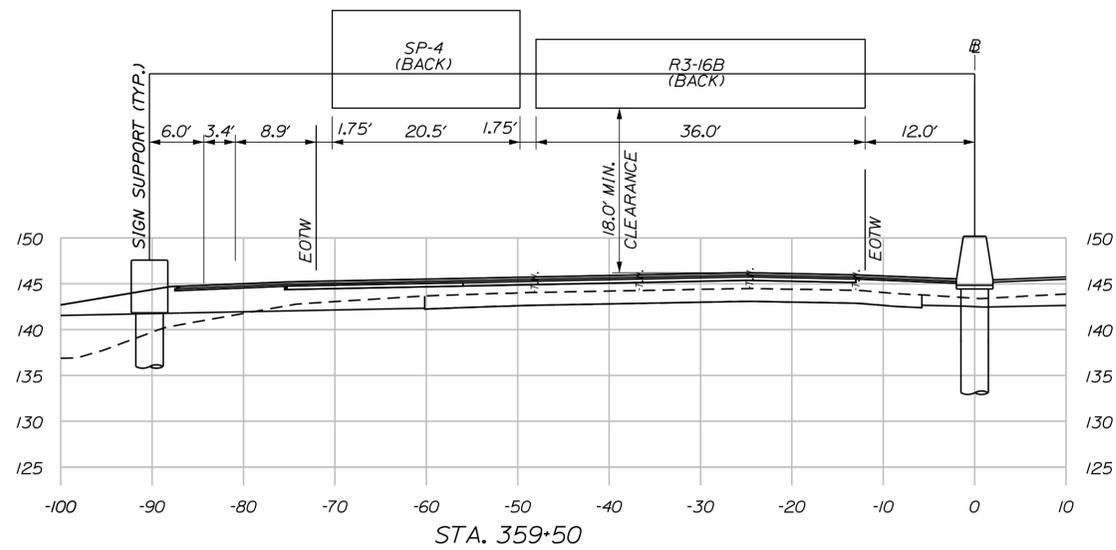
MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
SIGN BRIDGE CROSS SECTIONS  
SHEET 1 OF 2

SHEET NUMBER: SN-21  
142 OF 489

CONTRACT: 2018.20

Date: 8/29/2018



Filename: ...143\_SN22-Sign Bridge 2.dgn

Scale:

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | PV  | 7/18 | Checked      | DB  | 7/18 |
| Drawn    | CWB | 7/18 | In Charge of | TWM | 7/18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA. 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

**THE GOLD STAR MEMORIAL HIGHWAY**

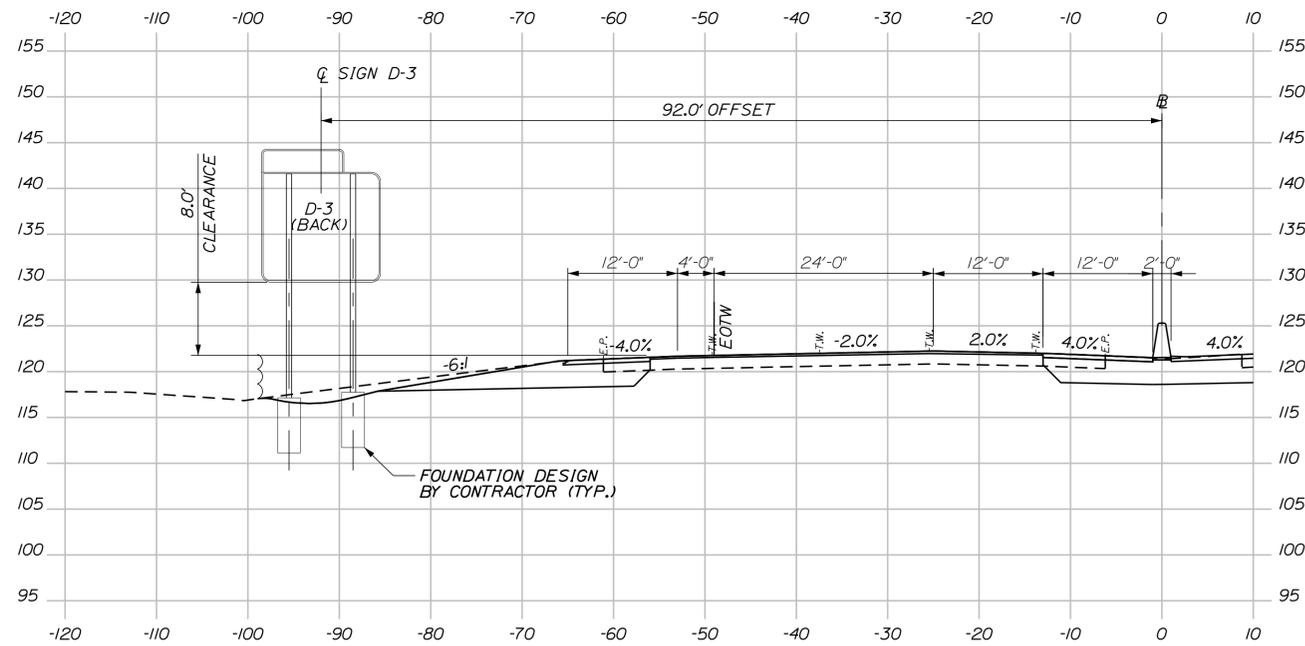
MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
 SIGN BRIDGE CROSS SECTIONS  
 SHEET 2 OF 2

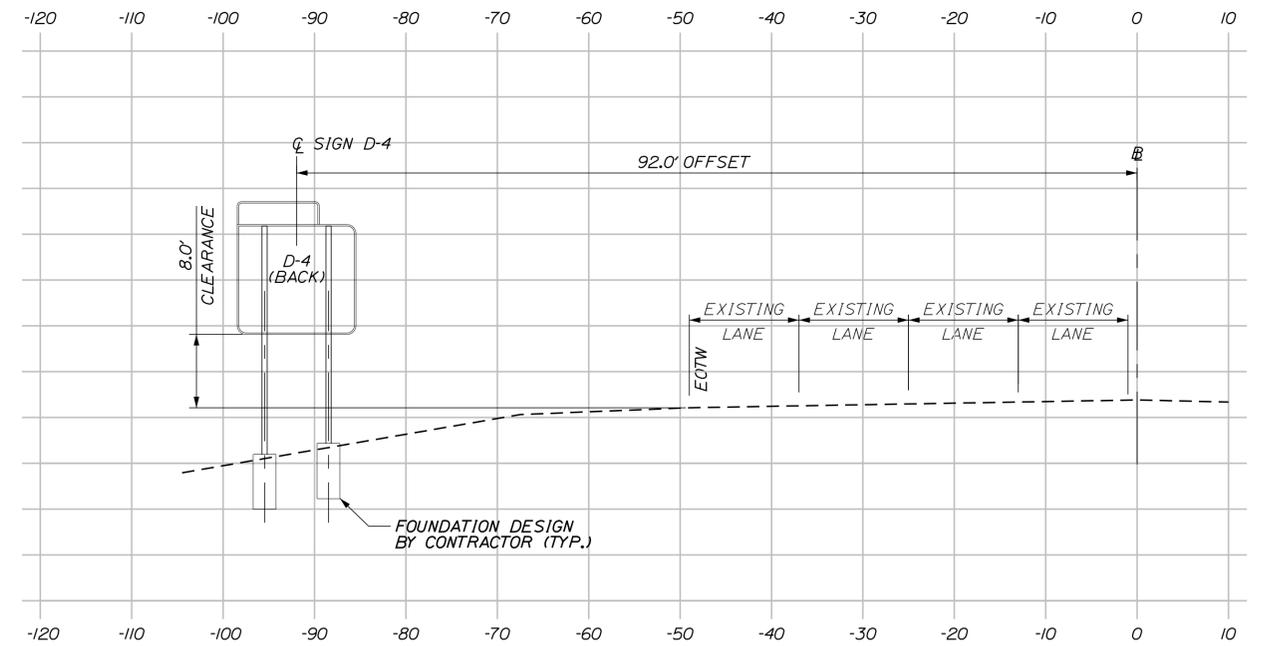
SHEET NUMBER: SN-22  
 CONTRACT: 2018.20  
 143 OF 489

Date: 8/29/2018

Filename: ... \144\_SN23-SpecialSign\_xsection 1.dgn



SIGN D-3 CROSS SECTION  
STA. 308+00.00



SIGN D-4 CROSS SECTION  
STA. 413+90.00

Scale: Scale of Feet

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | PV  | 7/18 | Checked      | DB  | 7/18 |
| Drawn    | EFG | 7/18 | In Charge of | TWM | 7/18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

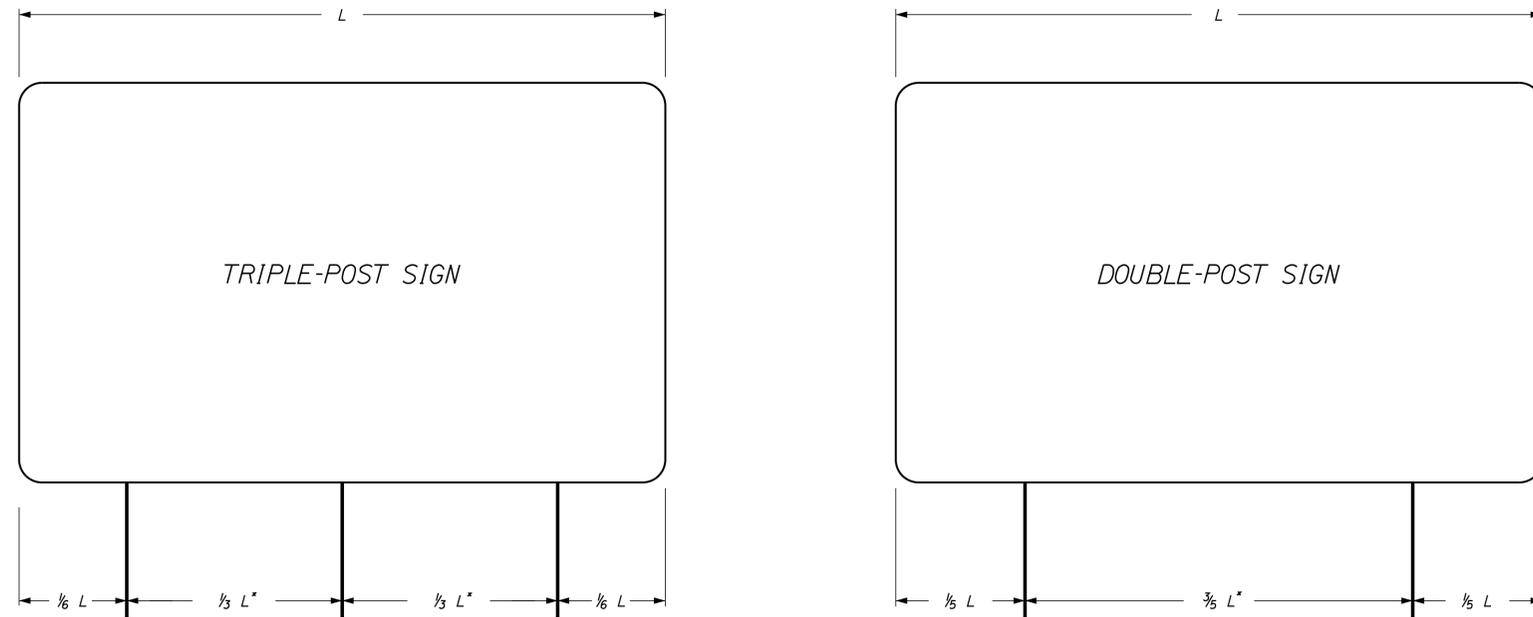
**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
SIGN CROSS SECTIONS  
SHEET 1 OF 1

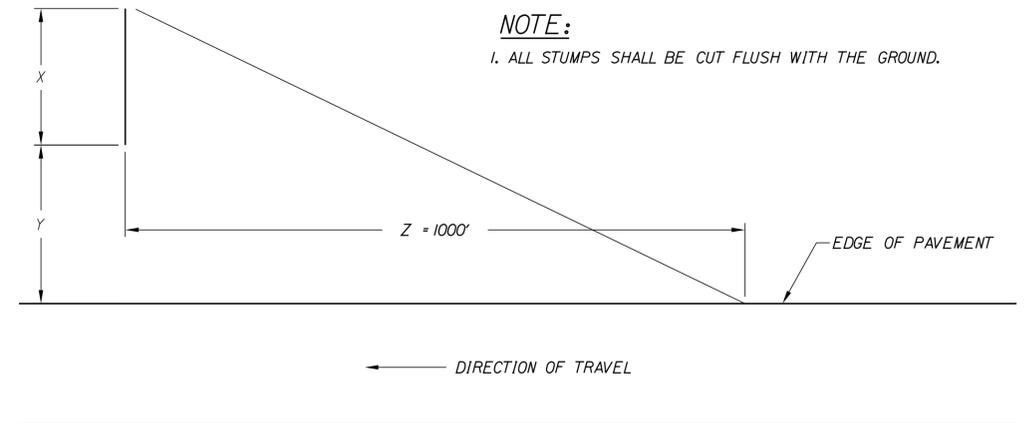
SHEET NUMBER: SN-23  
CONTRACT: 2018.20  
144 OF 489

Date: 8/29/2018



\* - A MINIMUM 7 FEET REQUIRED WHEN INSTALLED ON BREAKAWAY DEVICES

**POLE SPACING DETAIL**  
N.T.S.



**NOTE:**  
1. ALL STUMPS SHALL BE CUT FLUSH WITH THE GROUND.

WHERE:

- X = WIDTH OF SIGN + 10'
- Y = OFFSET TO EDGE OF SIGN FROM EDGE OF PAVEMENT
- Z = DISTANCE FROM FACE OF SIGN TO A POINT ON THE EDGE OF PAVEMENT 1000' BACK

**CLEARING DETAIL**  
**FOR**  
**MAINLINE SIGN INSTALLATION**  
NO SCALE

| SINGLE SUPPORT SIGNS |                  |                               |  |                 |                    |          |                       |             |                         |
|----------------------|------------------|-------------------------------|--|-----------------|--------------------|----------|-----------------------|-------------|-------------------------|
| FOUNDATION DIAMETER  | FOUNDATION DEPTH | SIGN AREA (A)                 | SIGN WIDTH (W)                               | POST SIZE       | BASE PLATE (1) (3) | MATERIAL | ANCHOR BOLTS (2)      | BOLT CIRCLE | MAXIMUM MOUNTING HEIGHT |
|                      |                  | $A < 4 \text{ FT}^2$          |  | U CHANNEL POST  |                    |          |                       |             | 12 FEET TO SIGN CENTER  |
|                      |                  | $4 < A \leq 10 \text{ FT}^2$  |  | WOOD POST 6"x6" |                    |          |                       |             |                         |
| 18"                  | 5.5'             | $10 < A \leq 16 \text{ FT}^2$ | W = 4'-0" MAX. BUT INCLUDES 5'-0" YIELD SIGN | W6X9            | 12"x12"x1" 41 LBS. | A36      | 1" $\phi$ X 3'-0"     | 12"         |                         |
| 18"                  | 5.5'             | $16 < A \leq 25 \text{ FT}^2$ | W = 5'-0" MAX                                | W6X15           | 12"x12"x1" 41 LBS. | A36      | 1" $\phi$ X 3'-0"     | 12"         |                         |
| 24"                  | 7'               | $25 < A \leq 42 \text{ FT}^2$ | W = 7'-0" MAX                                | W8X24           | 14"x14"x1" 55 LBS. | A36      | 1-1/4" $\phi$ X 3'-6" | 14"         |                         |

**GENERAL NOTES:**

1. BOLTS TO BE 50,000 PSI MINIMUM YIELD STRENGTH.
2. POST TO BASE PLATE WELD SHALL BE 5/16" FILLET WELD.
3. BASE PLATES AND H-BEAMS SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH SECTION 720.06.

**BREAKAWAY NOTES:**

1. ON BREAKAWAY SUPPORTS, THE HINGE SHOULD BE A MINIMUM OF 7 FEET ABOVE THE FOUNDATION. NO PERMANENT SUPPLEMENTARY SIGNS SHALL BE ATTACHED BELOW THE HINGE. REFER TO MDOT STANDARD DETAILS.

**REMOVE AND RESET GUIDE SIGN NOTES:**

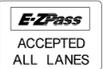
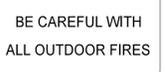
1. EXISTING SIGN POST LENGTHS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR IF THE POSTS ARE TO BE REUSED.
2. THE CONTRACTOR MAY REUSE EXISTING POLES, FOUNDATIONS AND BREAKAWAY DEVICES AT ANY SIGN LOCATION WHERE FEASIBLE.
3. PROPOSED POLE LENGTHS ARE MEASURED FROM THE TOP OF THE FOUNDATION TO THE TOP OF SIGN AND ARE APPROXIMATE. FINAL POST LENGTHS SHALL BE DETERMINED BY THE CONTRACTOR ONCE FOUNDATIONS ARE PLACED.

| MULTIPLE SUPPORT SIGNS |                  |                               |                |           |                         |          |                       |             |                         |
|------------------------|------------------|-------------------------------|----------------|-----------|-------------------------|----------|-----------------------|-------------|-------------------------|
| FOUNDATION DIAMETER    | FOUNDATION DEPTH | SIGN AREA (A)                 | SIGN WIDTH (W) | POST SIZE | BASE PLATE (1) (3)      | MATERIAL | ANCHOR BOLTS (2)      | BOLT CIRCLE | MAXIMUM MOUNTING HEIGHT |
| 24"                    | 7'               | TO 60 FT <sup>2</sup> /POST   |                | W8X18     | 14"x14"x1" 55 LBS.      | A36      | 1-1/4" $\phi$ X 3'-6" | 14"         | 20 FEET TO SIGN CENTER  |
| 24"                    | 7'               | 60-85 FT <sup>2</sup> /POST   |                | W10X22    | 12"x17"x1-1/4" 72 LBS.  | A36      | 1-1/4" $\phi$ X 3'-6" | 15"         |                         |
| 30"                    | 8'               | 85-110 FT <sup>2</sup> /POST  |                | W12X26    | 13"x19"x1-1/4" 87 LBS.  | A36      | 1-1/2" $\phi$ X 4'-0" | 17"         |                         |
| 30"                    | 8'               | 110-135 FT <sup>2</sup> /POST |                | W14X30    | 14"x21"x1-1/4" 104 LBS. | A36      | 1-1/2" $\phi$ X 4'-0" | 19"         |                         |

Filename: ... \145\_SN24-Typical\_01\_SIGN.dgn

| Scale: AS NOTED   | Designed by: <b>JACOBS</b> | JACOBS ENGINEERING GROUP<br>120 ST. JAMES AVENUE<br>BOSTON, MA. 02116<br>TEL (617) 242-9222<br>FAX (617) 242-9824 | <br><b>THE GOLD STAR MEMORIAL HIGHWAY</b> | <b>YORK TOLL PLAZA</b><br>SIGNING DETAILS |      |  |  |  |  |  |  |  |  |  |  |  |  |  |    |      |  |    |      |          |    |      |         |    |      |       |     |      |              |     |      |                                 |                   |                                   |
|---|----------------------------|---|--|---|------|--|--|--|--|--|--|--|--|--|--|--|--|--|----|------|--|----|------|----------|----|------|---------|----|------|-------|-----|------|--------------|-----|------|---------------------------------|-------------------|-----------------------------------|
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>No.</th> <th>Revision</th> <th>By</th> <th>Date</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> | No.                        | Revision  | By   | Date                                      |      |  |  |  |  |  |  |  |  |  |  |  | CONSULTANT PROJECT MANAGER: T. MORIN<br><table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th> </th> <th>By</th> <th>Date</th> <th> </th> <th>By</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>Designed</td> <td>PV</td> <td>7/18</td> <td>Checked</td> <td>DB</td> <td>7/18</td> </tr> <tr> <td>Drawn</td> <td>EFG</td> <td>7/18</td> <td>In Charge of</td> <td>TWM</td> <td>7/18</td> </tr> </tbody> </table> |  | By | Date |  | By | Date | Designed | PV | 7/18 | Checked | DB | 7/18 | Drawn | EFG | 7/18 | In Charge of | TWM | 7/18 | MTA PROJECT MANAGER: R. NORWOOD | CONTRACT: 2018.20 | SHEET NUMBER: SN-24<br>145 OF 489 |
| No.   | Revision                   | By  | Date   |   |      |  |  |  |  |  |  |  |  |  |  |  |  |  |    |      |  |    |      |          |    |      |         |    |      |       |     |      |              |     |      |                                 |                   |                                   |
|   |                            |   |  |   |      |  |  |  |  |  |  |  |  |  |  |  |  |  |    |      |  |    |      |          |    |      |         |    |      |       |     |      |              |     |      |                                 |                   |                                   |
|   |                            |   |  |   |      |  |  |  |  |  |  |  |  |  |  |  |  |  |    |      |  |    |      |          |    |      |         |    |      |       |     |      |              |     |      |                                 |                   |                                   |
|   |                            |   |  |   |      |  |  |  |  |  |  |  |  |  |  |  |  |  |    |      |  |    |      |          |    |      |         |    |      |       |     |      |              |     |      |                                 |                   |                                   |
|   | By                         | Date  |  | By  | Date |  |  |  |  |  |  |  |  |  |  |  |  |  |    |      |  |    |      |          |    |      |         |    |      |       |     |      |              |     |      |                                 |                   |                                   |
| Designed  | PV                         | 7/18  | Checked  | DB  | 7/18 |  |  |  |  |  |  |  |  |  |  |  |  |  |    |      |  |    |      |          |    |      |         |    |      |       |     |      |              |     |      |                                 |                   |                                   |
| Drawn   | EFG                        | 7/18  | In Charge of   | TWM                                       | 7/18 |  |  |  |  |  |  |  |  |  |  |  |  |  |    |      |  |    |      |          |    |      |         |    |      |       |     |      |              |     |      |                                 |                   |                                   |

REMOVE & STACK SIGN SUMMARY

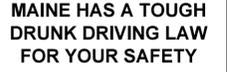
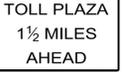
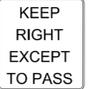
| DESCRIPTION   | QUANTITY | SIGN SIZE       |                |                   | COLOR           |                  | DIRECTION<br>(NB=NORTHBOUND)<br>(SB=SOUTHBOUND) | LOCATIONS  |
|---|----------|-----------------|----------------|-------------------|-----------------|------------------|---|------------|
|   |          | HEIGHT<br>(IN.) | WIDTH<br>(IN.) | AREA<br>(SQ. FT.) | BACK-<br>GROUND | LEGEND           |   |            |
|    | 5        | 96              | 120            | 80                | GREEN           | PURPLE/<br>WHITE | SB  | 308-75     |
|    | 5        | 42              | 108            | 31.5              | YELLOW          | BLACK            | SB  | 308-70     |
| *  | 1        | 60              | 144            | 60                | BROWN           | WHITE            | NB  | 315-50     |
|    | 2        | 48              | 48             | 16                | YELLOW          | BLACK            | NB  | 2 @ 322-40 |
|    | 1        | 48              | 60             | 20                | YELLOW          | BLACK            | SB  | 324-70     |
|    | 1        | 192             | 192            | 256               | GREEN           | WHITE            | SB  | 328-20     |

\* REMOVED AND STACKED BY OTHERS.

NOTES:

- EXISTING WOOD AND METAL POSTS TO BE REMOVED SHALL BE DELIVERED TO THE AUTHORITY'S SIGN SHOP.
- DEMOUNT POLES AND PROPOSED POLES AND CONCRETE FOUNDATIONS SHALL BE PAID FOR UNDER THEIR APPROPRIATE PAY ITEMS.
- POST SIZES INDICATED ON THE PROPOSED SIGN SUMMARY SHEETS ARE THE DISTANCE FROM TOP OF SIGN TO THE POINT WHERE THE POST MEETS THE FINISH SURFACE. THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF THESE LENGTHS PRIOR TO DESIGNING EACH POST AND FOUNDATION.
- REFER TO SIGNING DETAILS SHEET FOR FOUNDATION CHART.

REMOVE & STACK SIGN SUMMARY

| DESCRIPTION   | QUANTITY | SIGN SIZE       |                |                   | COLOR                   |                         | DIRECTION<br>(NB=NORTHBOUND)<br>(SB=SOUTHBOUND) | LOCATIONS  |
|---|----------|-----------------|----------------|-------------------|-------------------------|-------------------------|---|------------|
|   |          | HEIGHT<br>(IN.) | WIDTH<br>(IN.) | AREA<br>(SQ. FT.) | BACK-<br>GROUND         | LEGEND                  |   |            |
|    | 2        | 48              | 48             | 16                | YELLOW                  | BLACK                   | NB  | 2 @ 332-45 |
|    | 2        | 48              | 60             | 20                | WHITE                   | BLACK                   | NB/SB   | 335-75     |
| *  | 1        | 60              | 144            | 60                | WHITE                   | BLACK                   | NB  | 339-50     |
|    | 1        | 48<br>12<br>12  | 48<br>24<br>15 | 19.25             | WHITE<br>WHITE<br>GREEN | BLACK<br>BLACK<br>WHITE | NB  | 2 @ 342-60 |
|    | 1        | 96              | 120            | 80                | GREEN                   | WHITE                   | SB  | 344-25     |
|    | 2        | 24              | 12             | 2                 | GREEN                   | WHITE                   | NB/SB   | 352-00     |
|    | 1        | 60              | 48             | 20                | WHITE                   | BLACK                   | NB/SB   | 367-20     |

\* REMOVED AND STACKED BY OTHERS.

Date: 8/29/2018

Filename: ... \146\_SN25-Remove & Stack\_SIGN\_1.dgn

Scale: AS NOTED

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:



CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | TV  | 7/18 | Checked      | RCE | 7/18 |
| Drawn    | CWB | 7/18 | In Charge of | TWM | 7/18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA. 02116  
TEL (617) 242-9222  
FAX (617) 242-9824



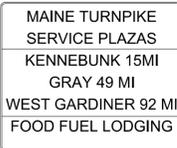
THE GOLD STAR  
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
SIGN SUMMARY  
REMOVE AND STACK

SHEET NUMBER: SN-25  
CONTRACT: 2018.20  
146 OF 489

REMOVE & RESET SIGN SUMMARY

| DESCRIPTION   | QUANTITY | EXISTING        |                |                   |                 |        |   |          | PROPOSED           |           |                |                 |                             |                     |   |          |   |                    |
|---|----------|-----------------|----------------|-------------------|-----------------|--------|---|----------|--------------------|-----------|----------------|-----------------|-----------------------------|---------------------|---|----------|---|--------------------|
|   |          | SIGN SIZE       |                |                   | COLOR           |        | DIRECTION<br>(EB=EASTBOUND)<br>(WB=WESTBOUND) | LOCATION | NUMBER<br>OF POSTS | POST SIZE | HEIGHT OF POST |                 | FOUNDATION<br>SIZE AND TYPE | BREAKAWAY<br>DEVICE | DIRECTION<br>(EB=EASTBOUND)<br>(WB=WESTBOUND) | LOCATION | OFFSET<br>(FROM BASELINE<br>TO SIGN CENTER) | PAY ITEM<br>NUMBER |
|   |          | HEIGHT<br>(IN.) | WIDTH<br>(IN.) | AREA<br>(SQ. FT.) | BACK-<br>GROUND | LEGEND |   |          |                    |           | LEFT<br>(FEET) | RIGHT<br>(FEET) |                             |                     |   |          |   |                    |
|  | 1        | 120             | 120            | 100               | BLUE            | WHITE  | NB  | 350-30   | 3                  | W14x30    | 20.4           | 21.9            | 30" DIA.                    | YES                 | NB  | 369-00   | 90'   | 645.109            |
|  | 1        | 60              | 120            | 50                | BLUE            | WHITE  | SB  | 352-40   | 2                  | W14x30    | 15.4           | 17.0            | 30" DIA.                    | YES                 | SB  | 321-00   | 90'   | 645.109            |
|  | 1        | 48              | 96             | 32                | BROWN           | WHITE  | SB  | 382-87   | 2                  | W10x22    | 15.5           | 16.5            | 24" DIA.                    | YES                 | SB  | 400-00   | 85'   | 645.109            |

NOTES:

- EXISTING WOOD AND METAL POSTS TO BE REMOVED SHALL BE DELIVERED TO THE AUTHORITY'S SIGN SHOP.
- DEMOUNT POLES AND PROPOSED POLES AND CONCRETE FOUNDATIONS SHALL BE PAID FOR UNDER THEIR APPROPRIATE PAY ITEMS.
- POST SIZES INDICATED ON THE PROPOSED SIGN SUMMARY SHEETS ARE THE DISTANCE FROM TOP OF SIGN TO THE POINT WHERE THE POST MEETS THE FINISH SURFACE. THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF THESE LENGTHS PRIOR TO DESIGNING EACH POST AND FOUNDATION.
- REFER TO SIGNING DETAILS SHEET FOR FOUNDATION CHART.

Date: 8/29/2018

Filename: ...147\_SN26-Remove & Reset\_SIGN.dgn

| Scale:   |          |    |      |
|----------|----------|----|------|
| AS NOTED |          |    |      |
| No.      | Revision | By | Date |
|          |          |    |      |
|          |          |    |      |

Designed by:

JACOBS®

CONSULTANT PROJECT MANAGER: T. MORIN

|             |      |                  |      |
|-------------|------|------------------|------|
| By          | Date | By               | Date |
| Designed TV | 7/18 | Checked RCE      | 7/18 |
| Drawn CWB   | 7/18 | In Charge of TWB | 7/18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA. 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824



THE GOLD STAR  
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
SIGN SUMMARY  
REMOVE AND RESET

SHEET NUMBER: SN-26  
CONTRACT: 2018.20  
147 OF 489

PROPOSED SIGN SUMMARY

| IDENTIFICATION NUMBER | DESCRIPTION | QUANTITY | COLOR                       |                           | SIGN SIZE    |             |                | NUMBER OF POSTS                       | POST SIZE    | HEIGHT OF POST |              |  | FOUNDATION SIZE AND TYPE | BREAKAWAY DEVICE | DIRECTION (NB = NORTHBOUND) (SB = SOUTHBOUND) | STATIONS                             | OFFSET (FROM BASELINE TO SIGN CENTER) | PAY ITEM NUMBER                          |
|-----------------------|-------------|----------|-----------------------------|---------------------------|--------------|-------------|----------------|---------------------------------------|--------------|----------------|--------------|--|--------------------------|------------------|---|--------------------------------------|---------------------------------------|--|
|                       |             |          | BACK-GROUND                 | LEGEND                    | HEIGHT (IN.) | WIDTH (IN.) | AREA (SQ. FT.) |                                       |              | LEFT (FT.)     | CENTER (FT.) | RIGHT (FT.)                            |                          |                  |   |                                      |                                       |  |
| D-3                   |             | 1        | GREEN                       | WHITE                     | 30<br>174    | 114<br>156  | 212.25         | 2                                     | W16x36       | 26.5           | N/A          | 26.2                                   | 30" DIA.                 | YES              | SB  | 308+00                               | 92'                                   | 645.251                                  |
| D4                    |             | 1        | GREEN                       | WHITE                     | 30<br>174    | 114<br>156  | 212.25         | 2                                     | W16x36       | 25.9           | N/A          | 27.1                                   | 30" DIA.                 | YES              | SB  | 413+90                               | 92'                                   | 645.251                                  |
| RI-1                  |             | 1        | RED                         | WHITE                     | 48           | 48          | 16             | 2                                     | W6x15        | N/A            | 12.0         | N/A                                    | 18" DIA.                 | YES              | WB  | ACCESS ROAD 20+25                    | 14'                                   | 645.271                                  |
| R2-1(10)              |             | 2        | WHITE                       | BLACK                     | 60           | 48          | 20             | 2                                     | W6x15        | N/A            | 14.5<br>13.0 | N/A                                    | 18" DIA.                 | YES              | NB<br>SB                                      | 342+82<br>347+00                     | 160'<br>175'                          | 645.271                                  |
|                       |             | 9        |                             |                           | 30           | 24          | 5              | ← MOUNT (9) SIGNS TO CANOPY COLUMNS → |              |                | NO           | NB TOLL PLAZA (4)<br>SB TOLL PLAZA (5) | 344+30<br>345+70         | -                | 645.271                                       |                                      |                                       |  |
| R2-1(35)              |             | 2        | WHITE                       | BLACK                     | 60           | 48          | 20             | 3                                     | W6x15        | N/A            | 13.0<br>13.5 | N/A                                    | 18" DIA.                 | YES              | NB<br>SB                                      | 338+50<br>354+00                     | 124'<br>120'                          | 645.271                                  |
| R3-16A                |             | 2        | PURPLE/<br>YELLOW/<br>GREEN | WHITE/<br>BLACK/<br>WHITE | 90           | 228         | 142.5          | SIGN                                  | BRIDGE       | N/A            | N/A          | N/A                                    | N/A                      | NO               | SB<br>SB                                      | 382+50<br>414+90                     | 30'<br>30'                            | 645.127<br>645.128                       |
| R3-16B                |             | 4        | PURPLE/<br>YELLOW/<br>GREEN | WHITE/<br>BLACK/<br>WHITE | 96           | 360         | 240            | SIGN                                  | BRIDGE       | N/A            | N/A          | N/A                                    | 18" DIA.                 | NO               | NB<br>NB<br>NB<br>SB                          | 281+50<br>306+65<br>332+00<br>359+50 | 31'<br>31'<br>31'<br>30'              | 645.121<br>645.122<br>645.124<br>645.125 |
| R4-5A                 |             | 2        | WHITE                       | BLACK                     | 48           | 60          | 20             | 2                                     | 1 1/2" STEEL | N/A            | 7.7<br>7.9   | N/A                                    | BARRIER<br>BARRIER       | NO<br>NO         | NB<br>SB                                      | 323+52<br>368+50                     | 0'<br>0'                              | 645.271                                  |
| R5-1                  |             | 2        | WHITE                       | RED                       | 48           | 48          | 16             | 2                                     | W6x15        | N/A            | 10.5         | N/A                                    | 18" DIA.                 | YES              | SB  | 343+55                               | 180'                                  | 645.271                                  |
|                       |             | 1        | WHITE                       | RED                       | 30           | 30          | 6.25           | 1                                     | W6x15        | N/A            |              |  |                          |                  |   |                                      |                                       |  |
| R5-11                 |             | 1        | WHITE                       | BLACK                     | 30           | 24          | 5              | MOUNT WITH W13-1                      |              | N/A            | 10.2         | N/A                                    | 18" DIA.                 | NO               | SB  | 343+55                               | 180'                                  | 645.271                                  |

NOTES:

- EXISTING WOOD AND METAL POSTS TO BE REMOVED SHALL BE DELIVERED TO THE AUTHORITY'S SIGN SHOP.
- DEMOUNT POLES AND PROPOSED POLES AND CONCRETE FOUNDATIONS SHALL BE PAID FOR UNDER THEIR APPROPRIATE PAY ITEMS.
- POST SIZES INDICATED ON THE PROPOSED SIGN SUMMARY SHEETS ARE THE DISTANCE FROM TOP OF SIGN TO THE POINT WHERE THE POST MEETS THE FINISH SURFACE. THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF THESE LENGTHS PRIOR TO DESIGNING EACH POST AND FOUNDATION.
- REFER TO SIGNING DETAILS SHEET FOR FOUNDATION CHART.

Date: 8/29/2018

Filename: ... \148\_SN27-Proposed\_SIGN\_1.dgn

|                 |          |    |      |
|-----------------|----------|----|------|
| Scale: AS NOTED |          |    |      |
| No.             | Revision | By | Date |
|                 |          |    |      |

|                                      |     |      |              |     |      |
|--------------------------------------|-----|------|--------------|-----|------|
| Designed by:                         |     |      |              |     |      |
| <b>JACOBS</b>                        |     |      |              |     |      |
| CONSULTANT PROJECT MANAGER: T. MORIN |     |      |              |     |      |
|                                      | By  | Date |              | By  | Date |
| Designed                             | TV  | 7/18 | Checked      | RCE | 7/18 |
| Drawn                                | CWB | 7/18 | In Charge of | TWM | 7/18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA. 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

THE GOLD STAR  
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

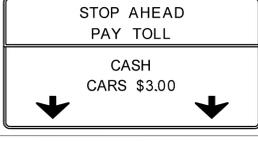
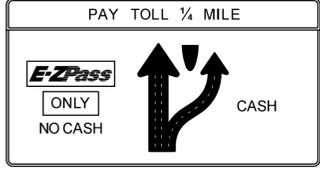
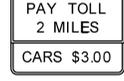
SIGN SUMMARY - PROPOSED SIGN DETAILS

SHEET 1 OF 4

SHEET NUMBER: SN-27  
148 OF 489

CONTRACT: 2018.20

PROPOSED SIGN SUMMARY

| IDENTIFICATION NUMBER | DESCRIPTION   | QUANTITY | COLOR        |             | SIGN SIZE    |             |                | NUMBER OF POSTS       | POST SIZE | HEIGHT OF POST |  |              | FOUNDATION SIZE AND TYPE | BREAKAWAY DEVICE | DIRECTION (NB = NORTHBOUND) (SB = SOUBOUND)                    | STATIONS   | OFFSET (FROM BASELINE TO SIGN CENTER)  | PAY ITEM NUMBER    |
|-----------------------|---|----------|--------------|-------------|--------------|-------------|----------------|-----------------------|-----------|----------------|--|--------------|--------------------------|------------------|--|--|--|--------------------|
|                       |   |          | BACK-GROUND  | LEGEND      | HEIGHT (IN.) | WIDTH (IN.) | AREA (SQ. FT.) |                       |           | LEFT (FT.)     | CENTER (FT.)   | RIGHT (FT.)  |                          |                  |  |  |  |                    |
| R8-3                  |    | 11       | WHITE        | RED         | 48           | 48          | 16             | 1                     | W6x15     | N/A            | 13.7<br>14.0<br>12.7<br>13.2<br>13.5<br>12.0<br>20.5<br>14.0<br>13.0<br>14.2<br>13.3 | N/A          | 18" DIA.                 |                  | SB<br>NB<br>SB<br>NB<br>NB<br>SB<br>NB<br>NB<br>SB<br>NB<br>SB | 337-67<br>337-30<br>340-47<br>339-30<br>341-20<br>348-60<br>348-67<br>350-90<br>352-80<br>353-65<br>354-61 | 140'<br>126'<br>170'<br>141'<br>154'<br>174'<br>175'<br>140'<br>135'<br>115'<br>118' | 645.271            |
| SP-1                  |    | 2        | YELLOW/GREEN | BLACK/WHITE | 126          | 108         | 94.5           | SIGN                  | BRIDGE    | N/A            | N/A  | N/A          | 18" DIA.                 | NO               | NB<br>SB   | 281-50<br>414-90   | 55'  | 645.121<br>645.128 |
| SP-2                  |    | 2        | YELLOW/GREEN | BLACK/WHITE | 126          | 108         | 94.5           | SIGN                  | BRIDGE    | N/A            | N/A  | N/A          | 18" DIA.                 | NO               | NB<br>SB   | 306-65<br>382-50   | 55'<br>50'   | 645.122<br>645.127 |
| SP-3                  |    | 2        | WHITE        | PURPLE      | 66           | 72          | 33             | 2                     | W8x18     | N/A            | 17.3<br>16.9   | N/A          | 18" DIA.                 | YES              | SB<br>NB   | 338-84<br>355-00   | 160'<br>110'   | 645.251            |
| SP-4                  |   | 3        | YELLOW/GREEN | BLACK/WHITE | 126          | 222         | 194.25         | SIGN                  | BRIDGE    | N/A            | N/A  | N/A          | N/A                      | NO               | NB<br>SB   | 331-45<br>362-12   | 50'<br>50'   | 645.124<br>645.125 |
| SP-5A                 |  | 2        | YELLOW/GREEN | BLACK/WHITE | 162          | 300         | 337.5          | SIGN                  | BRIDGE    | N/A            | N/A  | N/A          | N/A                      | NO               | NB<br>SB   | 318-81<br>374-50   | 40'<br>40'   | 645.123<br>645.126 |
| SP-6                  |  | 2        | PURPLE/GREEN | WHITE       | 36           | 48          | 12             | 2                     | W6x9      | N/A            | 16.3<br>17.6   | N/A          | 18" DIA.                 | YES              | NB<br>SB   | 334-50<br>360-14   | 105'<br>100'   | 645.251            |
| SP-7                  |  | 2        | WHITE        | BLACK       | 72           | 108         | 54             | 4                     | W8x18     | 15.8<br>14.7   | N/A  | 16.5<br>15.7 | 24" DIA.                 | YES              | NB<br>SB   | 324-50<br>367-50   | 83'<br>80'   | 645.251            |
| SP-8                  |  | 2        | YELLOW/GREEN | BLACK/WHITE | 78           | 108         | 58.5           | USE EXISTING SUPPORTS |           | -              | -  | -            | -                        | N/A              | NB   | 212-80<br>467-00   | 55'<br>55'   | 645.251            |

Date: 8/29/2018

Filename: ... \149\_SN28-Proposed\_SIGN\_2.dgn

Scale: AS NOTED

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

# JACOBS

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | TV  | 7/18 | Checked      | RCE | 7/18 |
| Drawn    | CWB | 7/18 | In Charge of | TWM | 7/18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA. 02116  
TEL (617) 242-9222  
FAX (617) 242-9824



## THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD

## YORK TOLL PLAZA

### SIGN SUMMARY - PROPOSED SIGN DETAILS

### SHEET 2 OF 4

SHEET NUMBER: SN-28  
CONTRACT: 2018.20  
149 OF 489

PROPOSED SIGN SUMMARY

| IDENTIFICATION NUMBER | DESCRIPTION | QUANTITY | COLOR       |        | SIGN SIZE    |             |                | NUMBER OF POSTS  | POST SIZE    | HEIGHT OF POST |  |                      | FOUNDATION SIZE AND TYPE             | BREAKAWAY DEVICE                   | DIRECTION (NB = NORTHBOUND) (SB = SOUTHBOUND) | STATIONS   | OFFSET (FROM BASELINE TO SIGN CENTER)                    | PAY ITEM NUMBER                         |
|-----------------------|-------------|----------|-------------|--------|--------------|-------------|----------------|--|--------------|----------------|--|----------------------|--------------------------------------|------------------------------------|---|--|--|---|
|                       |             |          | BACK-GROUND | LEGEND | HEIGHT (IN.) | WIDTH (IN.) | AREA (SQ. FT.) |  |              | LEFT (FT.)     | CENTER (FT.)   | RIGHT (FT.)          |                                      |                                    |   |  |  |   |
| SP-11                 |             | 2        | BLUE        | WHITE  | 90           | 138         | 86.25          | 6  | W12x26       | 18.0<br>18.5   | N/A  | 19.5<br>20.2         | 30" DIA.                             | YES                                | SB<br>NB                                      | 323+50<br>364+80   | 100'<br>100'   | 645.251                                 |
| SP-12                 |             | 16       | WHITE       | BLACK  | 36           | 24          | 6              | 14   | 1 1/2" STEEL | N/A            | 6.7/6.7<br>6.7/6.7<br>6.9/6.7<br>7.1/6.3<br>6.9/6.8<br>6.9/6.8 | N/A                  | BARRIER/18" DIA.                     | NO                                 | NB<br>NB<br>NB/SB<br>NB/SB<br>SB<br>SB        | 339+00<br>341+00<br>344+00<br>346+00<br>349+00<br>351+00 | 0'/62'<br>0'/62'<br>0'/62'<br>0'/62'<br>0'/62'<br>0'/62' | 645.271                                 |
| SP-13                 |             | 2        | WHITE       | BLACK  | 24<br>48     | 78<br>78    | 13<br>26       | 4  | W10x22       | 16.0<br>16.0   | N/A  | 17.0<br>16.8         | 24" DIA.                             | YES                                | NB<br>SB                                      | 340+35<br>349+50   | 150'<br>175'   | 645.251                                 |
| SP-14                 |             | 4        | WHITE       | BLACK  | 42           | 66          | 19.25          | 1  | SPACE FRAME  | N/A            | N/A  | N/A                  | N/A                                  | NO                                 | NB<br>SB                                      | 344+75 (x2)<br>345+25 (x2)                               | 30'<br>30'   | 645.271 (x2)<br>645.271 (x2)<br>645.155 |
| SP-15                 |             | 4        | YELLOW      | BLACK  | 24           | 48          | 8              | ← MOUNT 2 WITH R2-1(K) SIGNS<br>MOUNT 2 WITH W3-5A SIGNS → |              |                | N/A  | NB<br>NB<br>SB<br>SB | 332+50<br>346+20<br>342+90<br>361+25 | 160'<br>185'                       | 645.71  |  |  |   |
| SP-16                 |             | 2        | WHITE       | BLACK  | 36           | 24          | 6              | 2  | 6x6 WOOD     | N/A            | 11.9<br>11.4   | N/A                  | 18" DIA.                             | NO                                 | NB<br>SB                                      | 364+89<br>361+25   | 90'<br>90'   | 645.271                                 |
| SP-17                 |             | 9        | WHITE       | BLACK  | 48           | 144         | 48             | ← MOUNT (9) SIGNS TO CANOPY →                              |              |                | NO   | NB<br>SB             | 344+00<br>345+90                     | CENTERED<br>OVER EACH<br>CASH LANE | 645.14  |  |  |   |
| SP-19                 |             | 1        | WHITE       | BLACK  | 48           | 36          | 12             | 1  | W6x15        | N/A            | 8.0  | N/A                  | BARRIER                              | YES                                | NB  | 287+70   | 0  | 645.271                                 |
| SP-20                 |             | 1        | WHITE       | BLACK  | 60           | 48          | 20             | 1  | W6x15        | N/A            | 15.7   | N/A                  | 18" DIA.                             | YES                                | NB  | 278+00   | 87'  | 645.271                                 |
| SP-22                 |             | 2        | WHITE       | BLACK  | 60           | 48          | 20             | 0<br>1   | W6x15        | N/A            | 9.0<br>9.0   | N/A                  | BARRIER<br>18" DIA.                  | YES                                | SB<br>NB                                      | 303+00<br>385+00   | 0<br>85'   | 645.271                                 |
| W3-5A                 |             | 2        | YELLOW      | BLACK  | 48           | 48          | 16             | 2  | W6x15        | N/A            | 14.9<br>15.7   | N/A                  | N/A                                  | YES                                | NB<br>SB                                      | 332+50<br>361+25   | 90'<br>90'   | 645.271                                 |
| W4-3R                 |             | 2        | YELLOW      | BLACK  | 48           | 48          | 16             | 2  | W8x24        | N/A            | 9.4<br>9.4   | N/A                  | 18" DIA.                             | YES                                | SB<br>NB                                      | 336+00<br>351+79   | 62'<br>62'   | 645.271                                 |

Date: 8/29/2018

Filename: ... \150\_SN29-Proposed\_SIGN\_3.dgn

Scale: AS NOTED

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

Designed by:

# JACOBS

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | TV  | 7/18 | Checked      | RCE | 7/18 |
| Drawn    | CWB | 7/18 | In Charge of | TWM | 7/18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

## THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD

## YORK TOLL PLAZA

### SIGN SUMMARY - PROPOSED SIGN DETAILS

### SHEET 3 OF 4

SHEET NUMBER: SN-29  
CONTRACT: 2018.20  
150 OF 489

PROPOSED SIGN SUMMARY

| IDENTIFICATION NUMBER | DESCRIPTION   | QUANTITY | COLOR       |                       | SIGN SIZE    |             |                | NUMBER OF POSTS | POST SIZE | HEIGHT OF POST |              |             | FOUNDATION SIZE AND TYPE | BREAKAWAY DEVICE | DIRECTION (NB = NORTHBOUND) (SB = SOUTHBOUND) | STATIONS         | OFFSET (FROM BASELINE TO SIGN CENTER) | PAY ITEM NUMBER |
|-----------------------|---|----------|-------------|-----------------------|--------------|-------------|----------------|-----------------|-----------|----------------|--------------|-------------|--------------------------|------------------|---|------------------|---------------------------------------|-----------------|
|                       |   |          | BACK-GROUND | LEGEND                | HEIGHT (IN.) | WIDTH (IN.) | AREA (SQ. FT.) |                 |           | LEFT (FT.)     | CENTER (FT.) | RIGHT (FT.) |                          |                  |   |                  |                                       |                 |
| W11-2                 |  | 1        | YELLOW      | BLACK                 | 36           | 36          | 9              | 1               | 6x6 WOOD  | N/A            | 9.4          | N/A         | 18" DIA.                 | YES              | SB  | 345-35           | 177'                                  | 645.271         |
| W12-1                 |  | 2        | YELLOW      | REFLECT. YELLOW BLACK | 48           | 48          | 16             | 1               | W6x15     | N/A            | 9.2<br>9.4   | N/A         | 18" DIA.                 | NO               | NB<br>SB                                      | 337-25<br>354-70 | 62'<br>62'                            | 645.271         |

Date: 8/29/2018

Filename: ... \151\_SN30-Proposed\_SIGN\_4.dgn

Scale: **AS NOTED**

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:



CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | TV  | 7/18 | Checked      | RCE | 7/18 |
| Drawn    | CWB | 7/18 | In Charge of | TWM | 7/18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA. 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824



**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

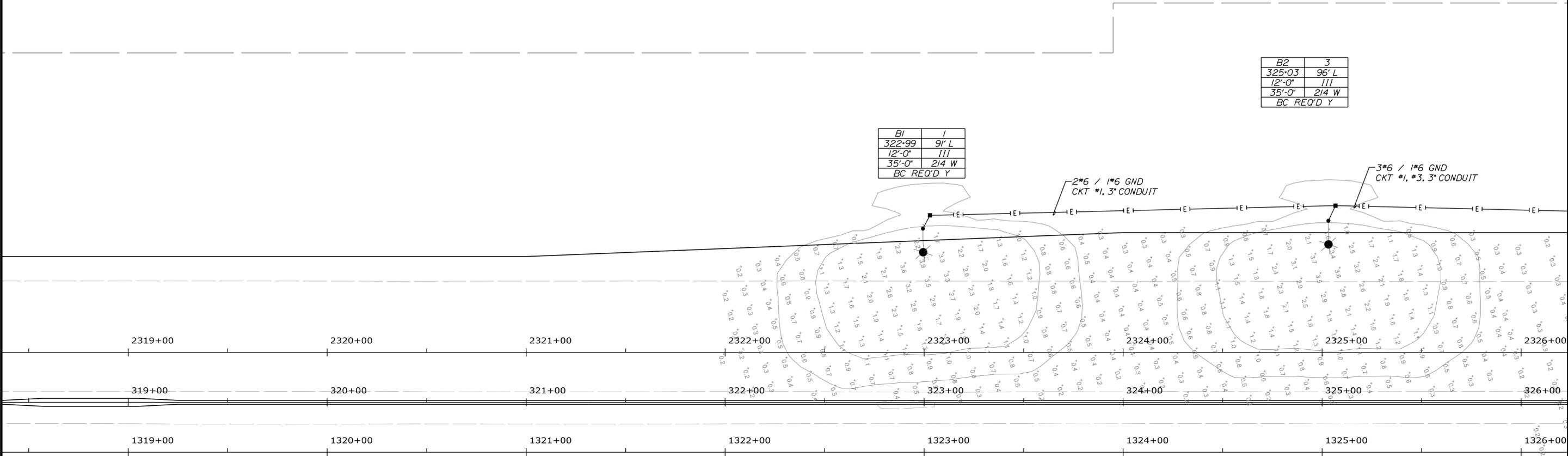
YORK TOLL PLAZA

SIGN SUMMARY - PROPOSED SIGN DETAILS  
 SHEET 4 OF 4

SHEET NUMBER: SN-30  
 CONTRACT: 2018.20  
 151 OF 489



Date: 8/30/2018

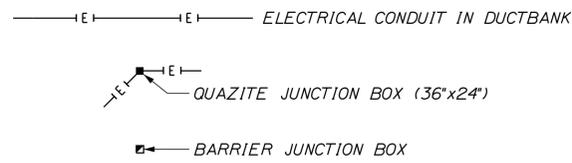


|            |       |
|------------|-------|
| B2         | 3     |
| 325-03     | 96' L |
| 12'-0"     | 111   |
| 35'-0"     | 214 W |
| BC REQ'D Y |       |

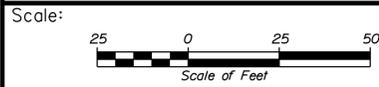
|            |       |
|------------|-------|
| BI         | 1     |
| 322-99     | 91' L |
| 12'-0"     | 111   |
| 35'-0"     | 214 W |
| BC REQ'D Y |       |

**LEGEND**

|  |        |                   |       |
|--|--------|-------------------|-------|
| POLE #   | BI     | CKT #             | I     |
| STATION  | 250-XX | OFFSET            | XX' L |
| ARM LENGTH   | 6'-0"  | DISTRIBUTION      | III   |
| POLE HEIGHT  | 30'-0" | LUMINAIRE WATTAGE | 177 W |
| BREAKAWAY COUPLING (BC) REQUIRED Y/N<br>BC REQ'D Y |        |                   |       |



- A 'A' INDICATES LUMINAIRE LABEL, SEE LUMINAIRE SCHEDULE ON SHEET LT-15.
- STREET LIGHT, POLE MATERIAL, STEEL, WITH ARM AND COBRAHEAD LIGHT FIXTURE
- STREET LIGHT, POLE MATERIAL, STEEL, WITH (2) ARM AND COBRAHEAD LIGHT FIXTURE
- LUMINAIRE TEMPLATE - 0.5 fc & 1.0 fc (SINGLE LIGHT SOURCE)
- RESULTANT ILLUMINANCE MEASURED IN FOOT CANDLES (ALL LIGHT SOURCES)



Designed by:



JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA. 02116  
TEL (617) 242-9222  
FAX (617) 242-9824



**THE GOLD STAR  
MEMORIAL HIGHWAY**

YORK TOLL PLAZA  
LIGHTING PLAN 1

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

|                                      |          |      |      |              |      |      |
|--------------------------------------|----------|------|------|--------------|------|------|
| CONSULTANT PROJECT MANAGER: T. MORIN |          |      |      |              |      |      |
|                                      | By       | Date |      | By           | Date |      |
|                                      | Designed | PV   | 7/18 | Checked      | DB   | 7/18 |
|                                      | Drawn    | SMG  | 7/18 | In Charge of | TWM  | 7/18 |

MTA PROJECT MANAGER: R. NORWOOD

CONTRACT: 2018.20

SHEET NUMBER: LT-01

152 OF 489

Filename: ... \0272284\152\_L\_TPlan1.dgn



Date: 8/30/2018

Filename: ...d0272284\154...LTPlan3.dgn

|            |        |
|------------|--------|
| B16        | 1      |
| 340-55     | 166' R |
| 12'-0"     | III    |
| 35'-0"     | 214 W  |
| BC REQ'D N |        |

|            |        |
|------------|--------|
| B14        | 3      |
| 338-42     | 147' L |
| 12'-0"     | IV     |
| 35'-0"     | 214 W  |
| BC REQ'D N |        |

|            |        |
|------------|--------|
| B11        | 1      |
| 336-05     | 127' L |
| 12'-0"     | IV     |
| 35'-0"     | 214 W  |
| BC REQ'D N |        |

|            |        |
|------------|--------|
| B9         | 3      |
| 334-01     | 108' L |
| 12'-0"     | IV     |
| 35'-0"     | 214 W  |
| BC REQ'D Y |        |

|            |       |
|------------|-------|
| B10        | 4     |
| 333-85     | 98' R |
| 12'-0"     | III   |
| 35'-0"     | 214 W |
| BC REQ'D Y |       |

|            |        |
|------------|--------|
| B12        | 2      |
| 335-55     | 107' R |
| 12'-0"     | IV     |
| 35'-0"     | 214 W  |
| BC REQ'D Y |        |

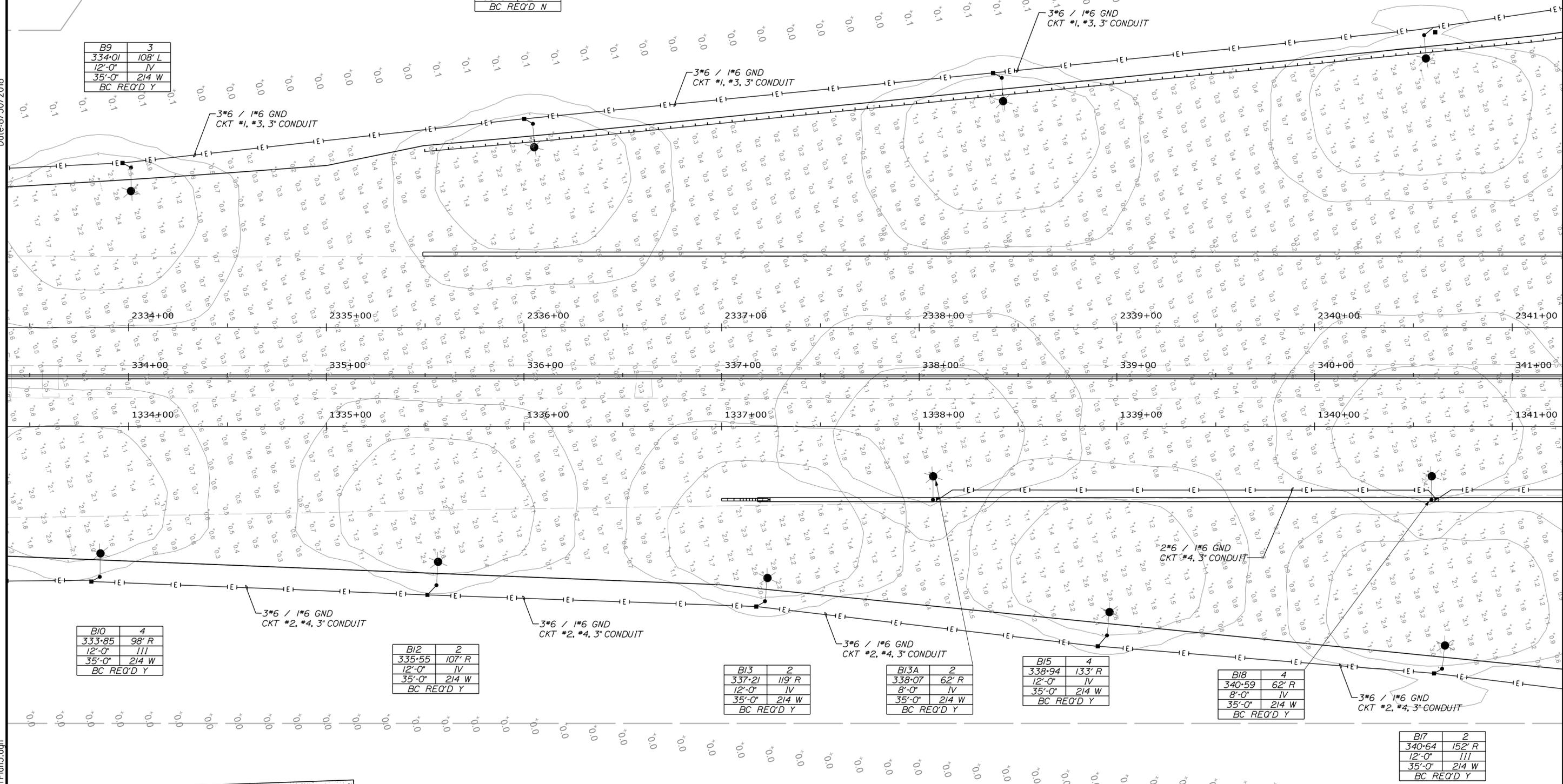
|            |        |
|------------|--------|
| B13        | 2      |
| 337-21     | 119' R |
| 12'-0"     | IV     |
| 35'-0"     | 214 W  |
| BC REQ'D Y |        |

|            |       |
|------------|-------|
| B13A       | 2     |
| 338-07     | 62' R |
| 8'-0"      | IV    |
| 35'-0"     | 214 W |
| BC REQ'D Y |       |

|            |        |
|------------|--------|
| B15        | 4      |
| 338-94     | 133' R |
| 12'-0"     | IV     |
| 35'-0"     | 214 W  |
| BC REQ'D Y |        |

|            |       |
|------------|-------|
| B18        | 4     |
| 340-59     | 62' R |
| 8'-0"      | IV    |
| 35'-0"     | 214 W |
| BC REQ'D Y |       |

|            |        |
|------------|--------|
| B17        | 2      |
| 340-64     | 152' R |
| 12'-0"     | III    |
| 35'-0"     | 214 W  |
| BC REQ'D Y |        |



Scale: 1" = 25'

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

# JACOBS

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | PV  | 7/18 | Checked      | DB  | 7/18 |
| Drawn    | SMG | 7/18 | In Charge of | TWM | 7/18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA. 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

THE GOLD STAR  
 MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD

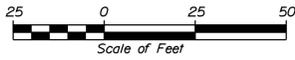
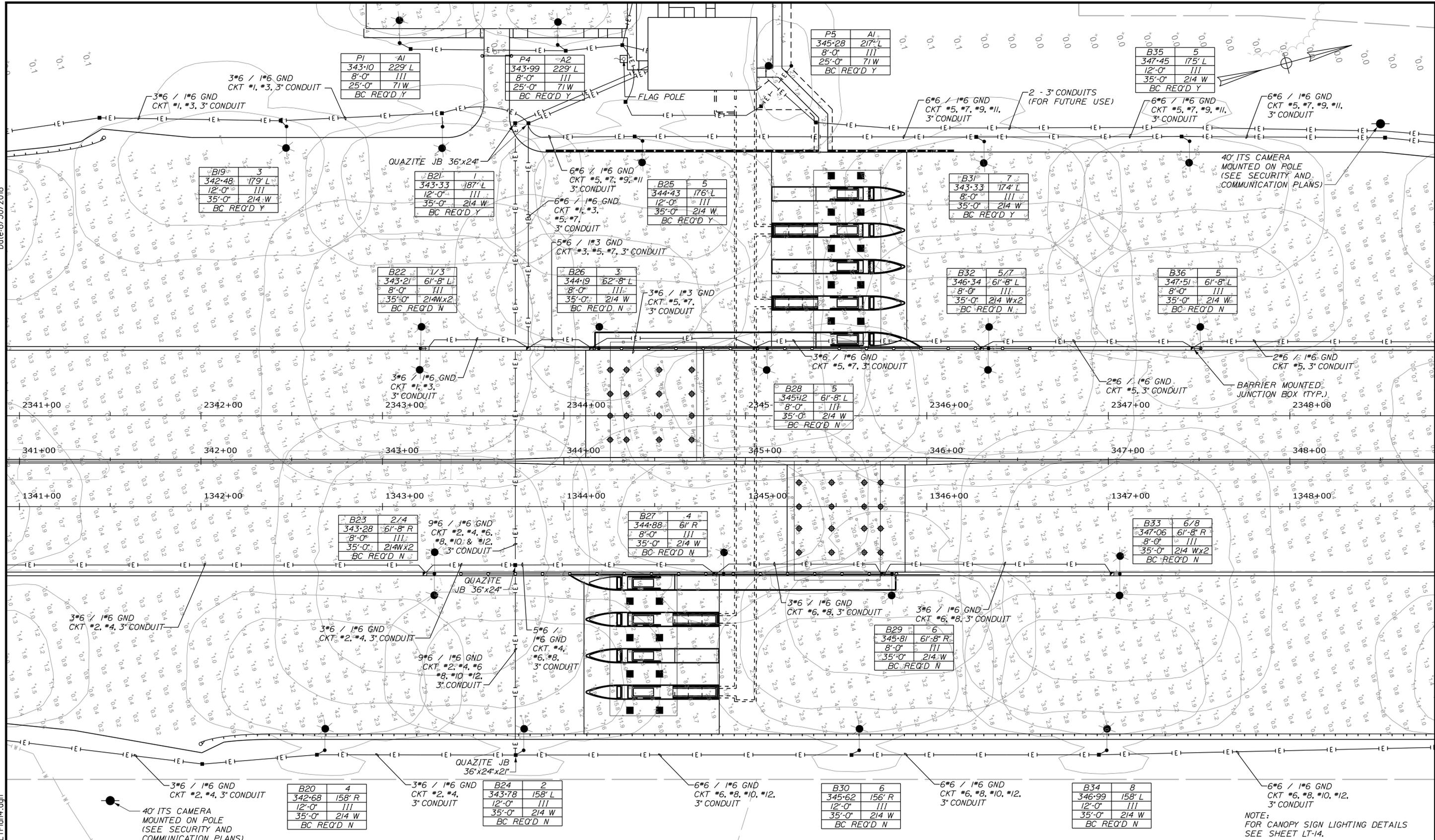
YORK TOLL PLAZA  
 LIGHTING PLAN 3

SHEET NUMBER: LT-03  
 154 OF 489

CONTRACT: 2018.20

Date: 8/30/2018

Filename: ...00272284\155...LTPlan4.dgn



| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | PV  | 7/18 | Checked      | DB  | 7/18 |
| Drawn    | SMG | 7/18 | In Charge of | TWM | 7/18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA. 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

**THE GOLD STAR  
 MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

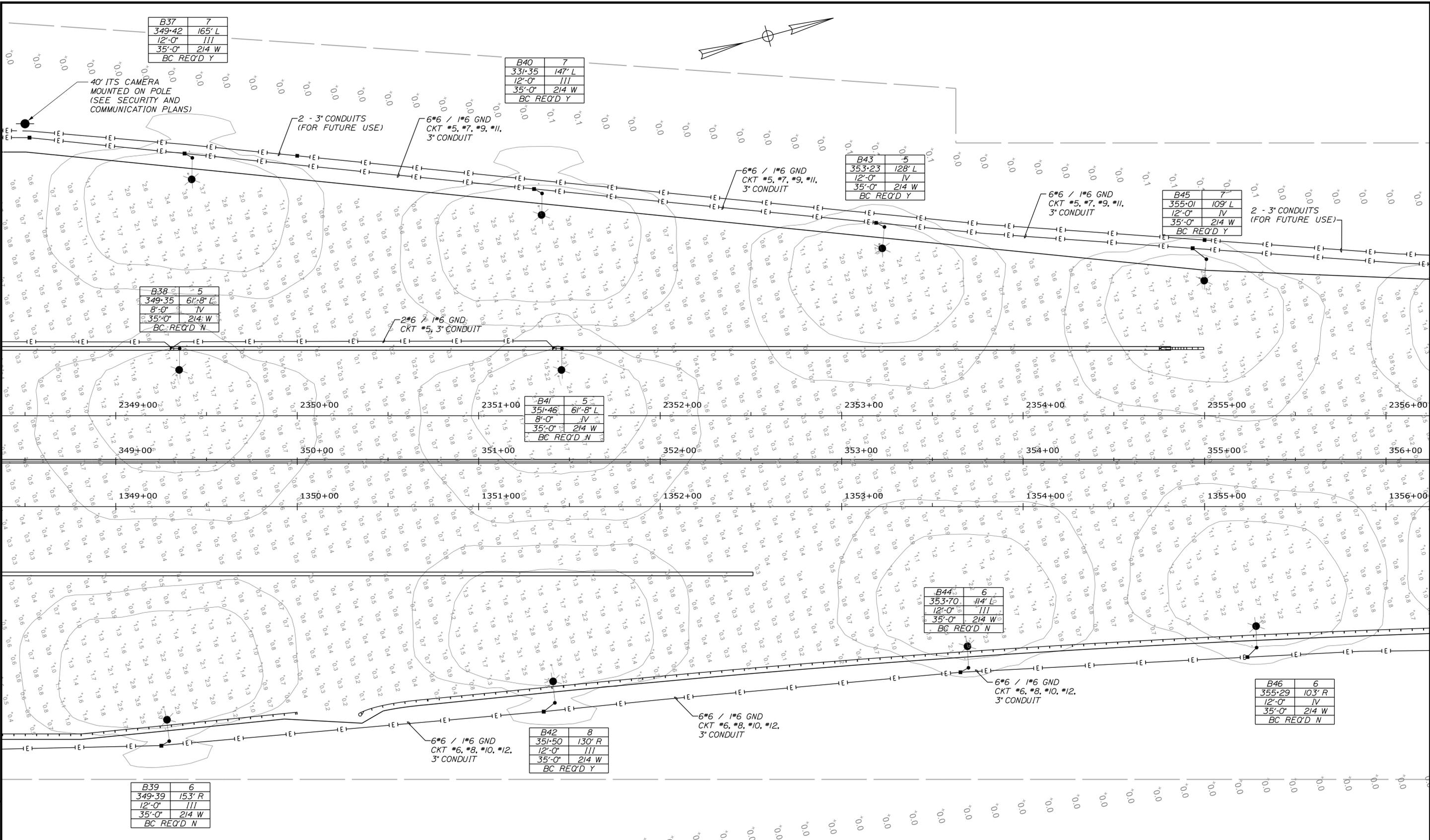
YORK TOLL PLAZA  
 LIGHTING PLAN 4

SHEET NUMBER: LT-04  
 CONTRACT: 2018.20  
 155 OF 489

NOTE:  
 FOR CANOPY SIGN LIGHTING DETAILS  
 SEE SHEET LT-14.

Date: 8/30/2018

Filename: ...d0272284\156\_L1Plan5.dgn



Scale: Scale of Feet

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

Designed by:

# JACOBS

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | PV  | 7/18 | Checked      | DB  | 7/18 |
| Drawn    | SMG | 7/18 | In Charge of | TWM | 7/18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA. 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

**THE GOLD STAR  
 MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

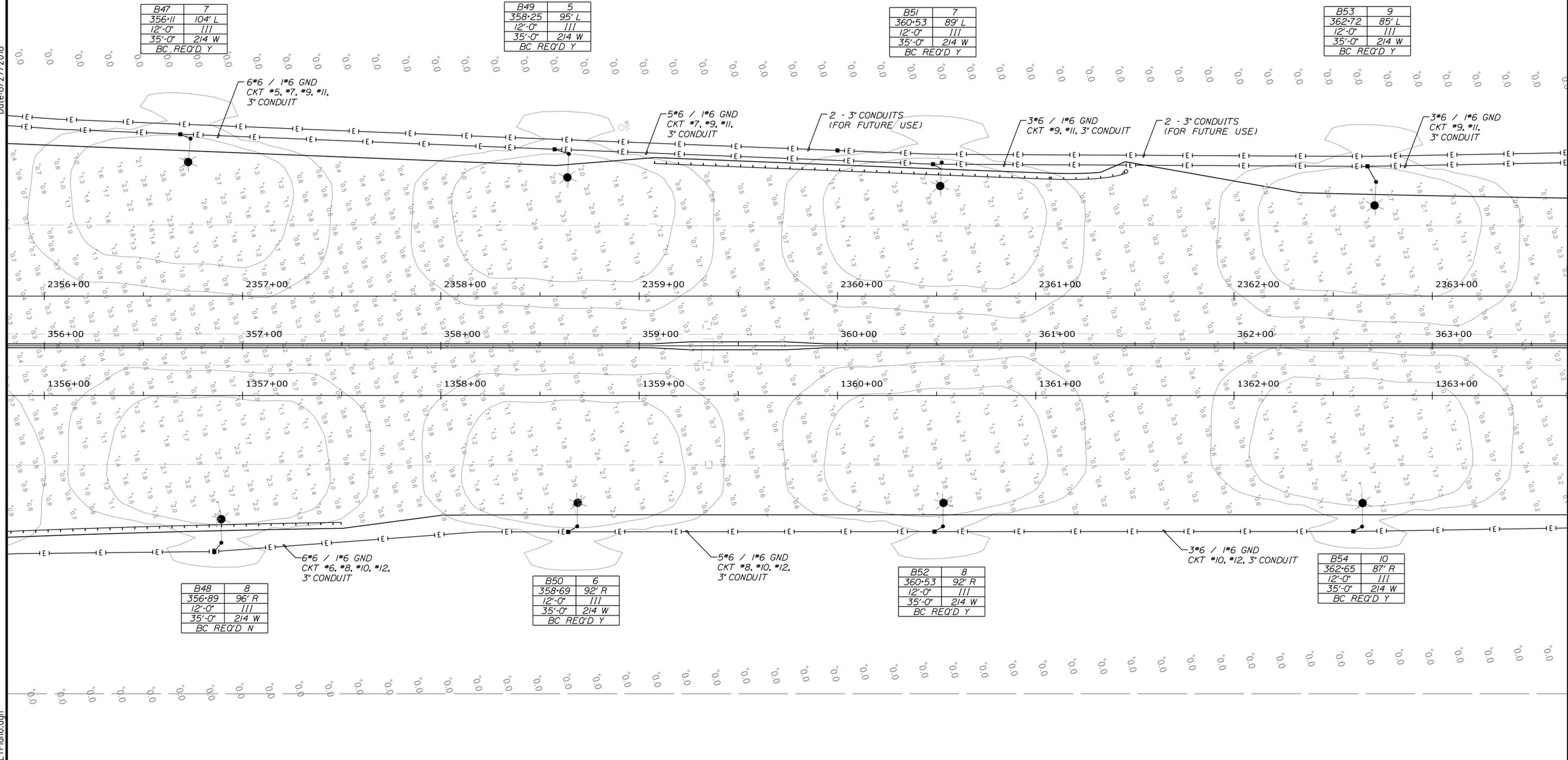
YORK TOLL PLAZA  
 LIGHTING PLAN 5

SHEET NUMBER: LT-05  
 156 OF 489

CONTRACT: 2018.20



Date: 8/27/2018



|            |        |
|------------|--------|
| B47        | 7      |
| 356+11     | 104' L |
| 12'-0"     | 111    |
| 35'-0"     | 214 W  |
| BC REQ'D Y |        |

|            |       |
|------------|-------|
| B49        | 5     |
| 358+25     | 95' L |
| 12'-0"     | 111   |
| 35'-0"     | 214 W |
| BC REQ'D Y |       |

|            |       |
|------------|-------|
| B51        | 7     |
| 360+53     | 89' L |
| 12'-0"     | 111   |
| 35'-0"     | 214 W |
| BC REQ'D Y |       |

|            |       |
|------------|-------|
| B53        | 9     |
| 362+72     | 85' L |
| 12'-0"     | 111   |
| 35'-0"     | 214 W |
| BC REQ'D Y |       |

|            |       |
|------------|-------|
| B48        | 8     |
| 356+89     | 96' R |
| 12'-0"     | 111   |
| 35'-0"     | 214 W |
| BC REQ'D N |       |

|            |       |
|------------|-------|
| B50        | 6     |
| 358+69     | 92' R |
| 12'-0"     | 111   |
| 35'-0"     | 214 W |
| BC REQ'D Y |       |

|            |       |
|------------|-------|
| B52        | 8     |
| 360+53     | 92' R |
| 12'-0"     | 111   |
| 35'-0"     | 214 W |
| BC REQ'D Y |       |

|            |       |
|------------|-------|
| B54        | 10    |
| 362+65     | 87' R |
| 12'-0"     | 111   |
| 35'-0"     | 214 W |
| BC REQ'D Y |       |

Scale: Scale of Feet

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

# JACOBS

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | PV  | 7/18 | Checked      | DB  | 7/18 |
| Drawn    | SMG | 7/18 | In Charge of | TWM | 7/18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA. 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

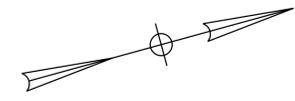
**THE GOLD STAR  
 MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
 LIGHTING PLAN 6

SHEET NUMBER: LT-06  
 CONTRACT: 2018.20  
 157 OF 489

Filename: ...d0272284\157\_L1Plan6.dgn



Date: 8/27/2018

|            |       |
|------------|-------|
| B55        | 11    |
| 364+99     | 78' L |
| 12'-0"     | 111   |
| 35'-0"     | 214 W |
| BC REQ'D Y |       |

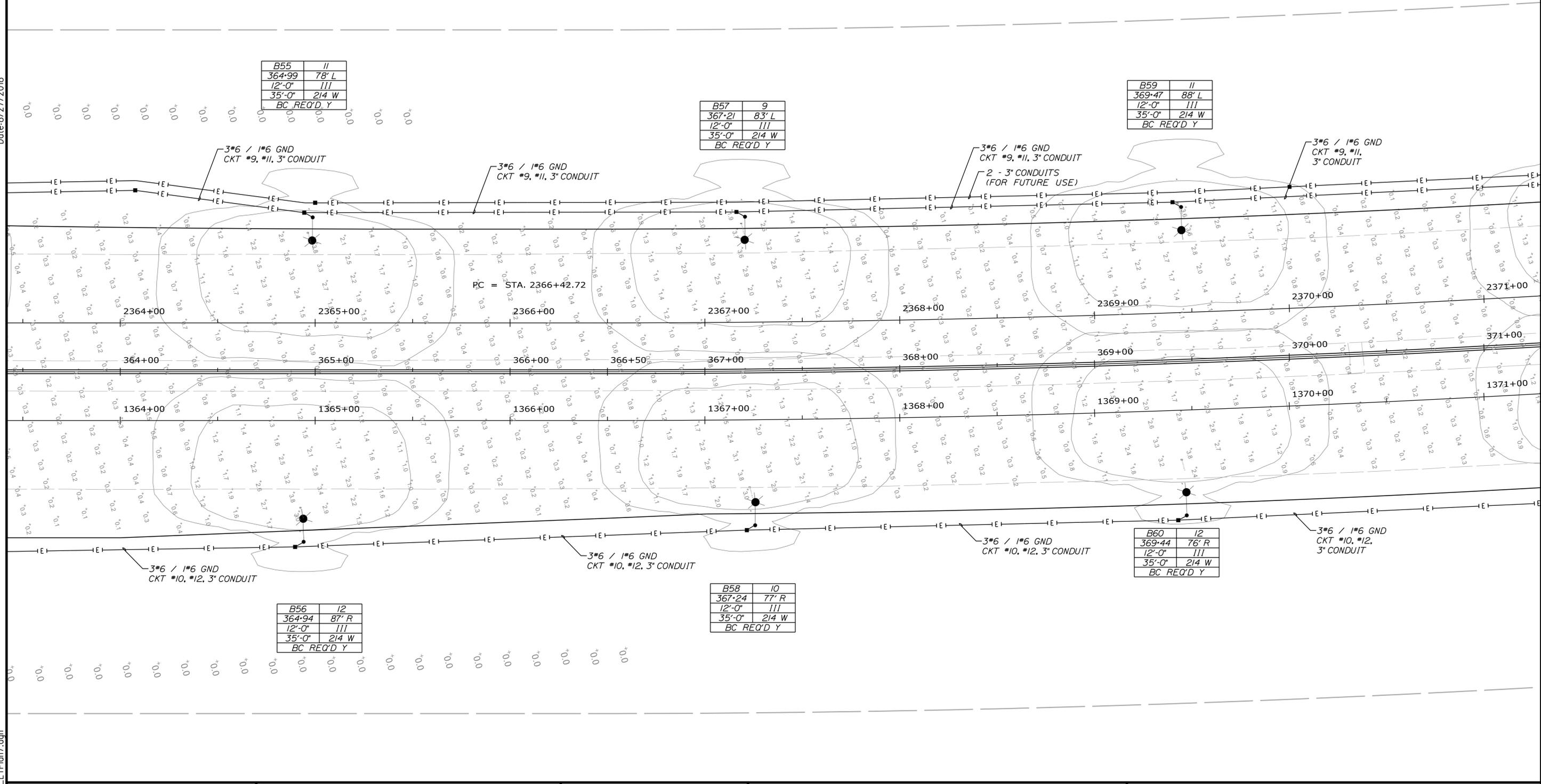
|            |       |
|------------|-------|
| B57        | 9     |
| 367+21     | 83' L |
| 12'-0"     | 111   |
| 35'-0"     | 214 W |
| BC REQ'D Y |       |

|            |       |
|------------|-------|
| B59        | 11    |
| 369+47     | 88' L |
| 12'-0"     | 111   |
| 35'-0"     | 214 W |
| BC REQ'D Y |       |

|            |       |
|------------|-------|
| B56        | 12    |
| 364+94     | 87' R |
| 12'-0"     | 111   |
| 35'-0"     | 214 W |
| BC REQ'D Y |       |

|            |       |
|------------|-------|
| B58        | 10    |
| 367+24     | 77' R |
| 12'-0"     | 111   |
| 35'-0"     | 214 W |
| BC REQ'D Y |       |

|            |       |
|------------|-------|
| B60        | 12    |
| 369+44     | 76' R |
| 12'-0"     | 111   |
| 35'-0"     | 214 W |
| BC REQ'D Y |       |



Filename: ...0272284\158\_L1Plan7.dgn

Scale: Scale of Feet

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

# JACOBS®

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | PV  | 7/18 | Checked      | DB  | 7/18 |
| Drawn    | SMG | 7/18 | In Charge of | TWM | 7/18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA. 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

## THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD

## YORK TOLL PLAZA

### LIGHTING PLAN 7

SHEET NUMBER: LT-7

CONTRACT: 2018.20 158 OF 489

Date: 8/27/2018

Filename: ...d0272284\159\_L1Plan8.dgn



|            |       |
|------------|-------|
| B61        | 9     |
| 371-75     | 87' L |
| 12'-0"     | III   |
| 35'-0"     | 214 W |
| BC REQ'D Y |       |

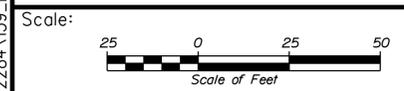
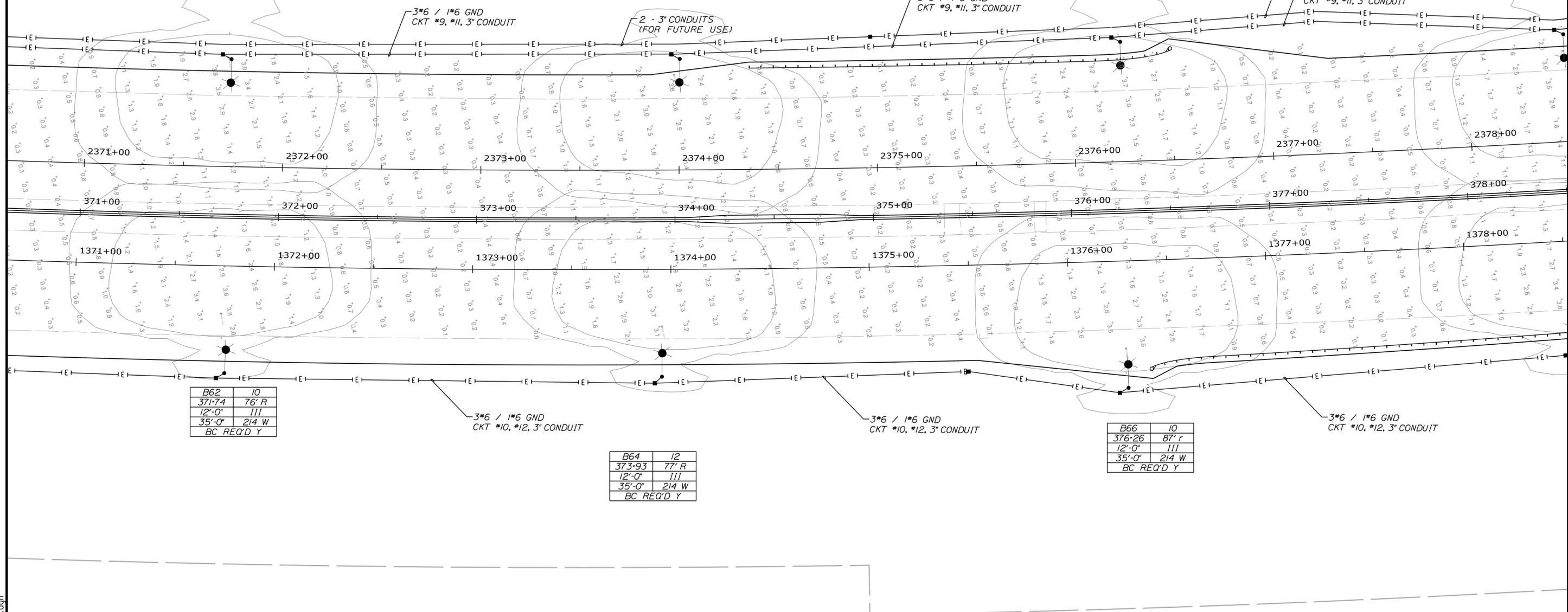
|            |       |
|------------|-------|
| B63        | 11    |
| 374-03     | 79' L |
| 12'-0"     | III   |
| 35'-0"     | 214 W |
| BC REQ'D Y |       |

|            |       |
|------------|-------|
| B65        | 9     |
| 376-27     | 84' R |
| 12'-0"     | III   |
| 35'-0"     | 214 W |
| BC REQ'D Y |       |

|            |       |
|------------|-------|
| B62        | 10    |
| 371-74     | 76' R |
| 12'-0"     | III   |
| 35'-0"     | 214 W |
| BC REQ'D Y |       |

|            |       |
|------------|-------|
| B64        | 12    |
| 373-93     | 77' R |
| 12'-0"     | III   |
| 35'-0"     | 214 W |
| BC REQ'D Y |       |

|            |       |
|------------|-------|
| B66        | 10    |
| 376-26     | 87' r |
| 12'-0"     | III   |
| 35'-0"     | 214 W |
| BC REQ'D Y |       |



Designed by:

# JACOBS

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date | By           | Date |      |
|----------|-----|------|--------------|------|------|
| Designed | PV  | 7/18 | Checked      | DB   | 7/18 |
| Drawn    | SMG | 7/18 | In Charge of | TWM  | 7/18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA. 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

**THE GOLD STAR  
 MEMORIAL HIGHWAY**

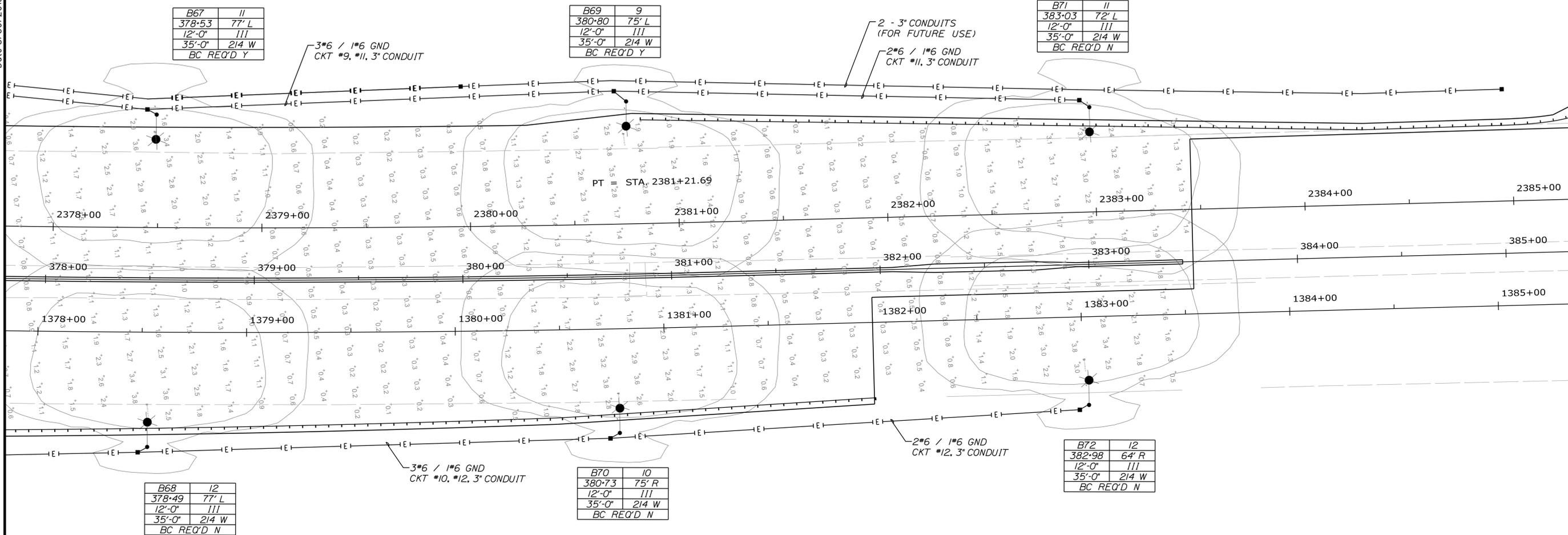
MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
 LIGHTING PLAN 8

SHEET NUMBER: LT-8  
 CONTRACT: 2018.20  
 159 OF 489

Date: 8/30/2018

Filename: ...d0272284\160\_L\_TPlan9.dgn



| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

# JACOBS

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | PV  | 7/18 | Checked      | DB  | 7/18 |
| Drawn    | SMG | 7/18 | In Charge of | TWM | 7/18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA. 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

## THE GOLD STAR MEMORIAL HIGHWAY

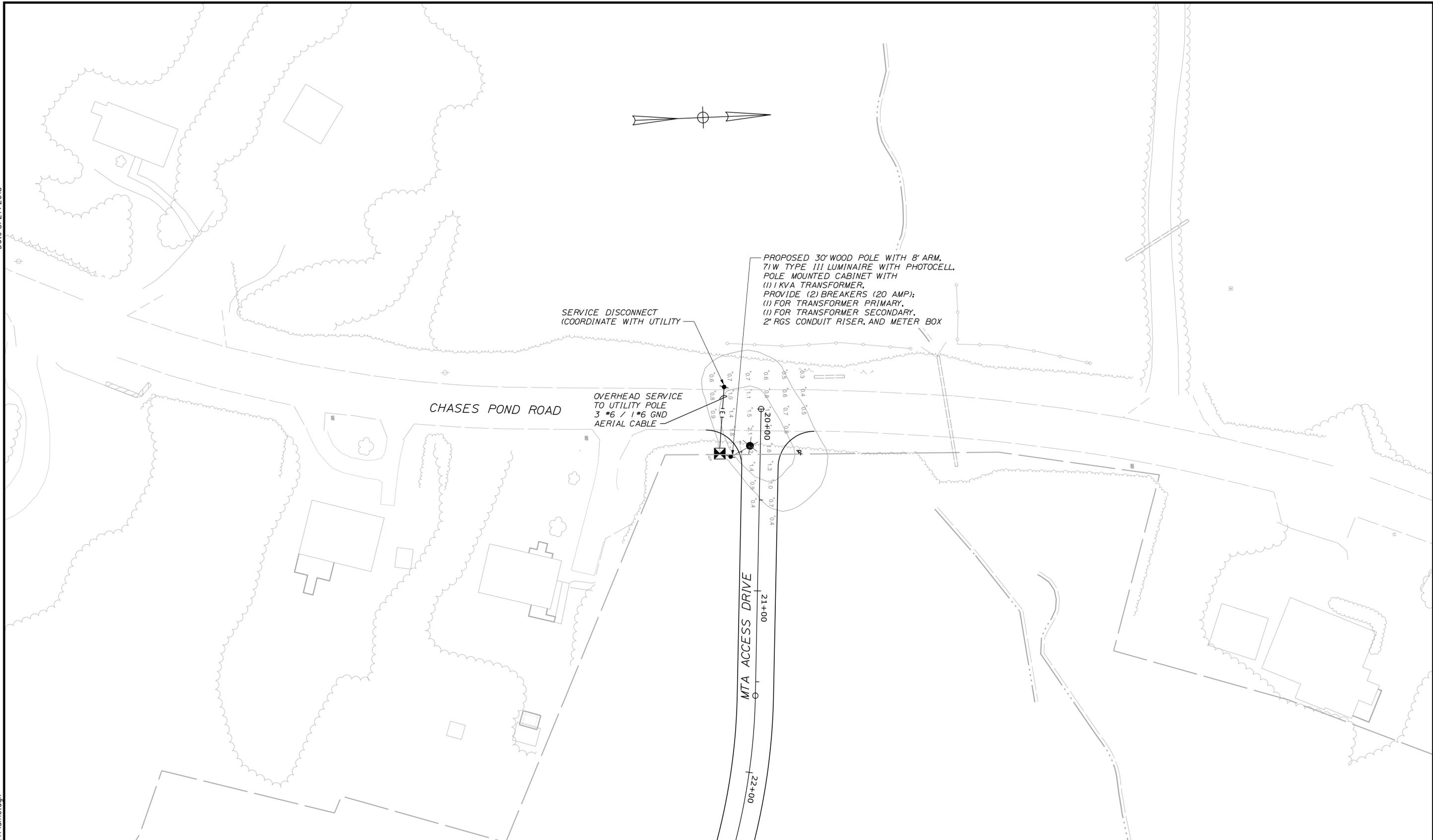
MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
 LIGHTING PLAN 9

SHEET NUMBER: LT-9  
 CONTRACT: 2018.20  
 160 OF 489

Date: 8/27/2018

Filename: ...d0272284\161\_L1Plan10.dgn



Scale: Scale of Feet

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | PV  | 7/18 | Checked      | DB  | 7/18 |
| Drawn    | SMG | 7/18 | In Charge of | TWM | 7/18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA. 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

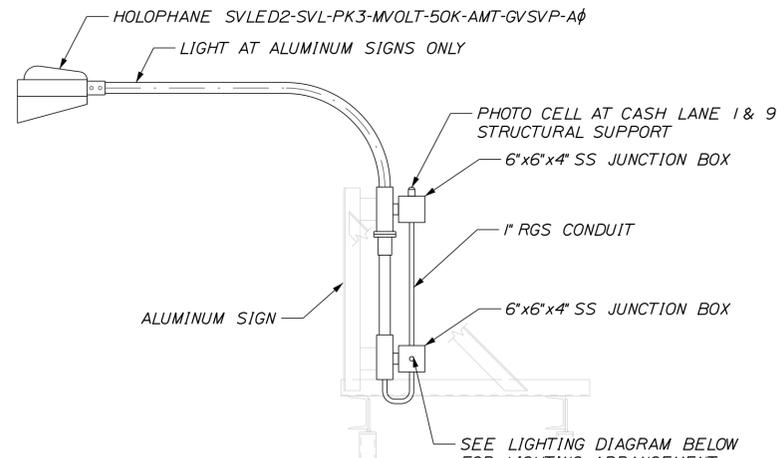
THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
LIGHTING PLAN 10

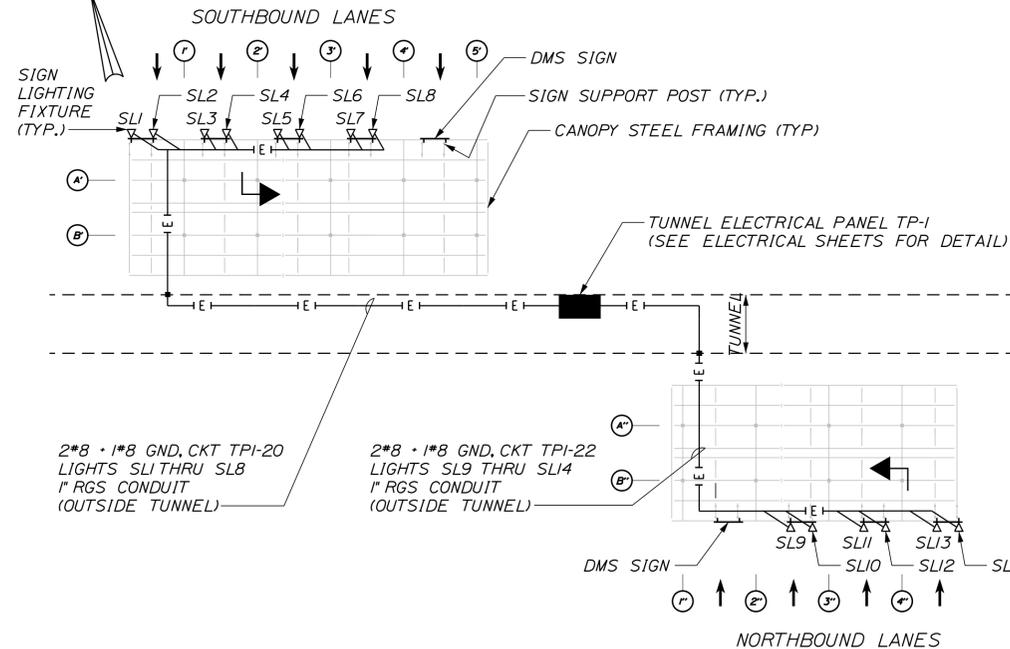
SHEET NUMBER: LT-10  
CONTRACT: 2018.20  
161 OF 489

Date: 8/30/2018



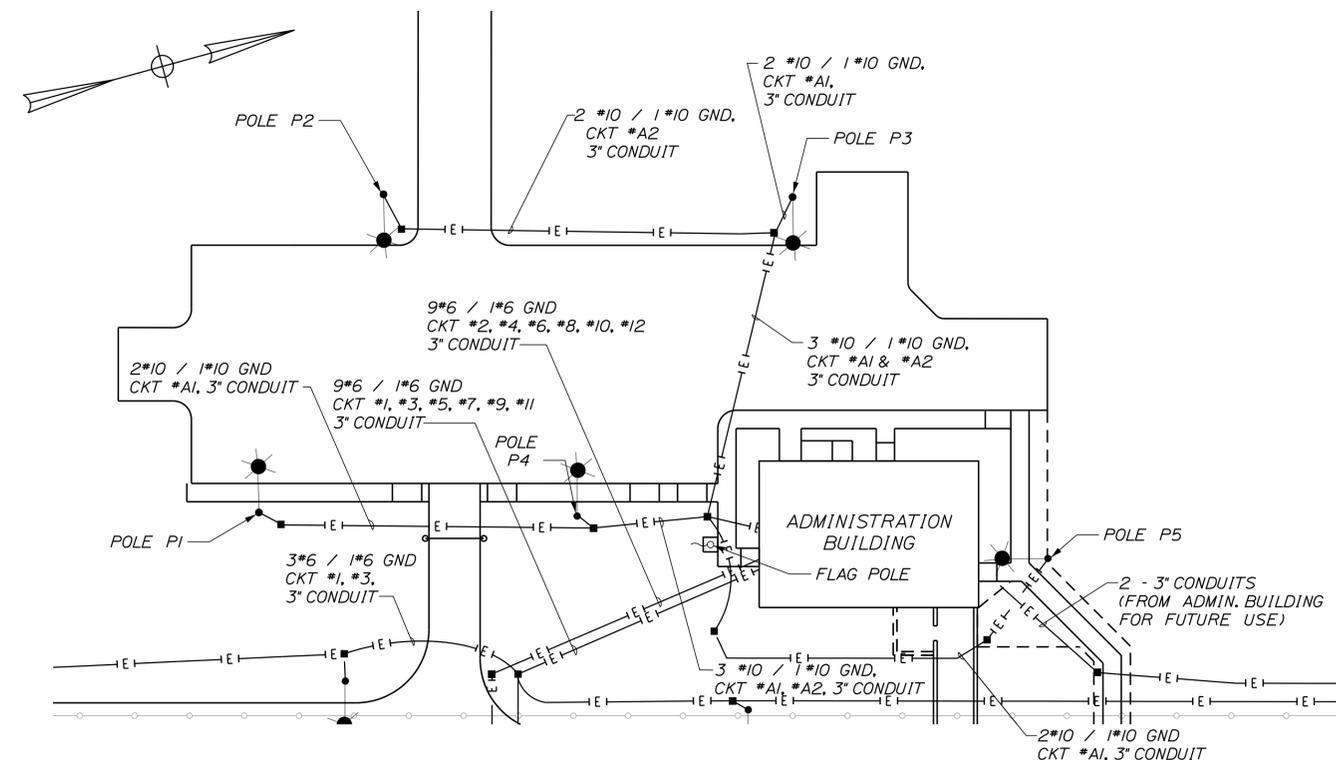
NOTE: PHOTOCELL TO TURN SIGN LIGHTS ON AND OFF.

SECTION

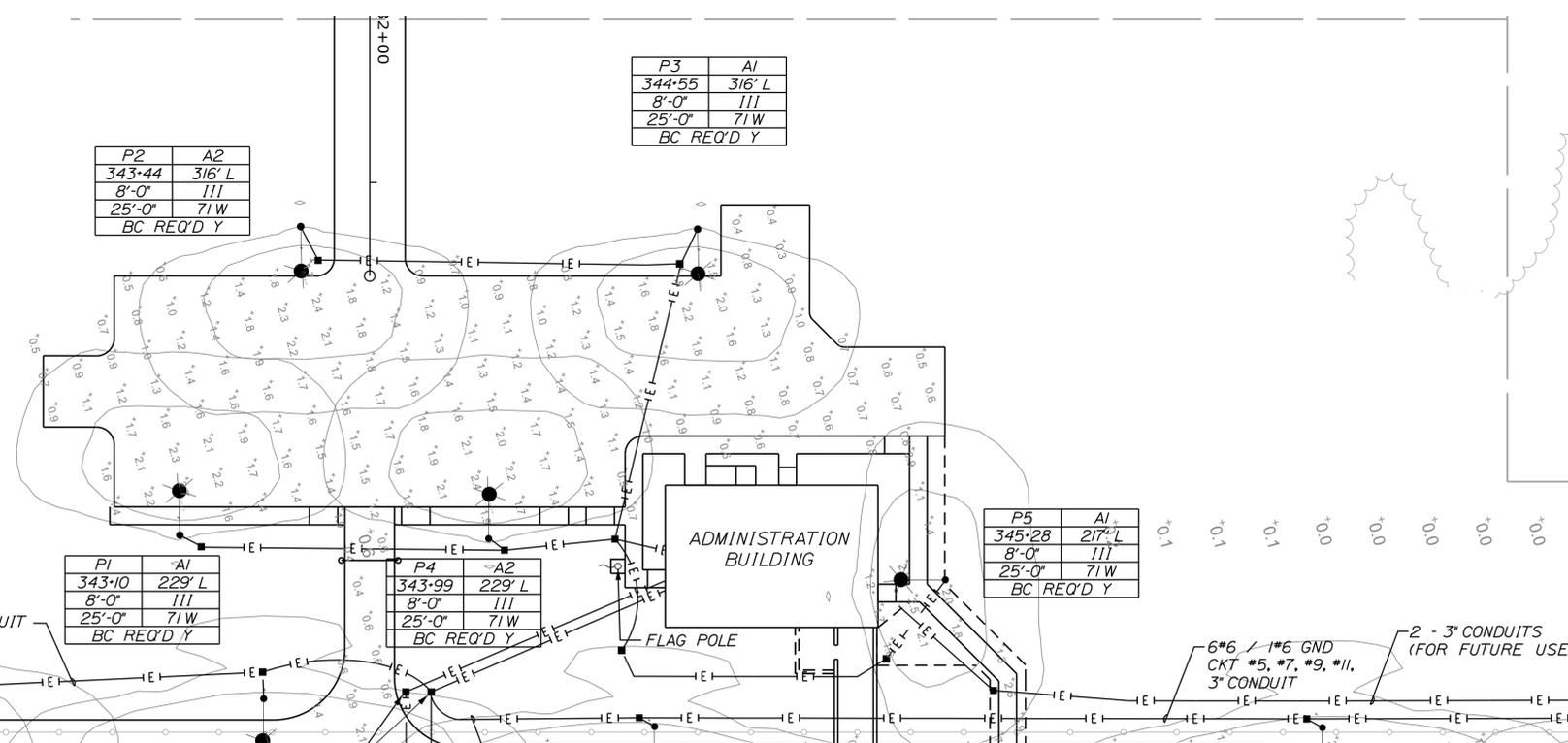


NOTE: SEE SHEET 424 FOR OTHER OVERHEAD ELECTRICAL AND LED CANOPY LIGHTS.

SIGN LIGHTING DETAILS



ADMINISTRATION BUILDING PARKING LOT LIGHTING CIRCUIT PLAN



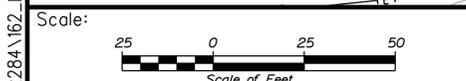
|            |        |
|------------|--------|
| P2         | A2     |
| 343-44     | 316' L |
| 8'-0"      | 111    |
| 25'-0"     | 71W    |
| BC REQ'D Y |        |

|            |        |
|------------|--------|
| P3         | A1     |
| 344-55     | 316' L |
| 8'-0"      | 111    |
| 25'-0"     | 71W    |
| BC REQ'D Y |        |

|            |        |
|------------|--------|
| P1         | A1     |
| 343-10     | 229' L |
| 8'-0"      | 111    |
| 25'-0"     | 71W    |
| BC REQ'D Y |        |

|            |        |
|------------|--------|
| P4         | A2     |
| 343-99     | 229' L |
| 8'-0"      | 111    |
| 25'-0"     | 71W    |
| BC REQ'D Y |        |

|            |        |
|------------|--------|
| P5         | A1     |
| 345-28     | 217' L |
| 8'-0"      | 111    |
| 25'-0"     | 71W    |
| BC REQ'D Y |        |



| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          |     |      |              |     |      |
|----------|-----|------|--------------|-----|------|
| Designed | PV  | 7/18 | Checked      | DB  | 7/18 |
| Drawn    | SMG | 7/18 | In Charge of | TWM | 7/18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA. 02216  
TEL (617) 242-9222  
FAX (617) 242-9824

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

LIGHTING PLAN 11

SHEET NUMBER: LT-11

CONTRACT: 2018.20

162 OF 489

LUMINAIRE SCHEDULE

| SYMBOL | FIXTURE LOCATION           | QUANTITY          | CATALOG NUMBER  | DESCRIPTION   | LAMP  | NUMBER LAMPS | LUMENS PER LAMP | LLF  | WATTAGE |
|--------|----------------------------|-------------------|---|---|---|--------------|-----------------|------|---------|
|        | MEDIAN                     | 6                 | ATB2 80BLEDE85 XXXXX<br>R3 4K/5K                                | ATB2 SERIES LED 850MA TYPE 3<br>4000K/5000K CCT           | LED ARRAY   | 1            | 26878           | 0.85 | 214     |
|        | MEDIAN                     | 4                 | ATB2 80BLEDE85 XXXXX<br>R3 4K/5K                                | ATB2 SERIES LED 850MA TYPE 3<br>4000K/5000K CCT           | LED ARRAY   | 1            | 26878           | 0.85 | 428     |
|        | MM 8.8<br>OUTSIDE          | 48<br>(+5 SPARES) | ATB2 80BLEDE85 XXXXX<br>R3 4K/5K HSS                            | ATB2 SERIES LED 850MA TYPE 3<br>4000K/5000K CCT HSS       | LED ARRAY   | 1            | 22768           | 0.85 | 214     |
|        | MEDIAN                     | 4                 | ATB2 80BLEDE85 XXXXX<br>R4 4K/5K                                | ATB2 SERIES LED 850MA TYPE 4<br>4000K/5000K CCT           | LED ARRAY   | 1            | 27261           | 0.85 | 214     |
|        | MM 8.8<br>OUTSIDE          | 11                | ATB2 80BLEDE85 XXXXX<br>R4 4K/5K HSS                            | ATB2 SERIES LED 850MA TYPE 4<br>4000K/5000K CCT HSS       | LED ARRAY   | 1            | 21556           | 0.85 | 214     |
|        | PARKING LOT<br>ACCESS ROAD | 6                 | ATB0 20BLEDE10 XXXXX<br>R3 4K/5K                                | ATB0 SERIES LED 1000MA TYPE 3<br>4000K/5000K CCT          | LED ARRAY   | 1            | 8606            | 0.85 | 71      |
|        | CASH LANE                  | 18                | CAN-304-SL-xx-06-E-UL-<br>-700-40K or BXCPxE06E-<br>UD7 (700mA) | 60 LED 700mA 4000K PETROLEUM<br>SPARKLE 304 SERIES CANOPY | SIXTY WHITE LIGHT<br>EMITTING DIODES (LEDS),<br>VERTICAL BASE-UP<br>POSITION. | 60           | 212             | 0.85 | 132.3   |
|        | SPACE FRAME                | 32                | XPG-S-LED-68-CW-UE  |   | 68 CW LEDs  | 1            | 6223            | 0.85 | 79      |

STATISTICS

| DESCRIPTION          | Avg     | Max     | Min    | Max/Min | Avg/Min | SYMBOL | DESCRIPTION        | Avg     | Max     | Min    | Max/Min | Avg/Min | SYMBOL |
|----------------------|---------|---------|--------|---------|---------|--------|--------------------|---------|---------|--------|---------|---------|--------|
| ACCESS ROAD ENTRANCE | 1.0 fc  | 2.2 fc  | 0.3 fc | 7.3:l   | 3.3:l   | +      | ORT                | 1.0 fc  | 12.0 fc | 0.2 fc | 60.0:l  | 5.5:l   | +      |
| ADMIN PARKING LOT    | 1.3 fc  | 2.7 fc  | 0.3 fc | 9.0:l   | 4.3:l   | +      | SB APPROACH CLOSE  | 3.0 fc  | 4.9 fc  | 1.5 fc | 3.3:l   | 2.0:l   | +      |
| ADMIN WALKWAY        | 2.0 fc  | 5.9 fc  | 0.9 fc | 6.6:l   | 2.2:l   | +      | SB APPROACH FAR    | 1.2 fc  | 3.9 fc  | 0.2 fc | 19.5:l  | 6.0:l   | +      |
| NB APPROACH CLOSE    | 3.3 fc  | 5.2 fc  | 1.2 fc | 4.3:l   | 2.8:l   | +      | SB LANE DROP SOUTH | 1.0 fc  | 3.9 fc  | 0.2 fc | 19.5:l  | 5.0:l   | +      |
| NB APPROACH FAR      | 1.2 fc  | 3.8 fc  | 0.1 fc | 19.0:l  | 6.5:l   | +      | SB OFF ROW         | 0.1 fc  | 0.7 fc  | 0.0 fc | N/A     | N/A     | +      |
| NB DEPARTURE CLOSE   | 3.3 fc  | 6.9 fc  | 0.7 fc | 9.9:l   | 4.7:l   | +      | SB SPACE FRAME     | 14.6 fc | 20.0 fc | 6.9 fc | 2.9:l   | 2.1:l   | +      |
| NB DEPARTURE FAR     | 1.2 fc  | 3.9 fc  | 0.1 fc | 39.0:l  | 12.0:l  | +      | SB TOLL BOOTHS     | 10.7 fc | 25.2 fc | 0.9 fc | 28.0:l  | 11.9:l  | +      |
| NB OFF ROW           | 0.0 fc  | 0.1 fc  | 0.0 fc | N/A     | N/A     | +      | SOUTH LIMIT        | 1.0 fc  | 3.9 fc  | 0.1 fc | 39.0:l  | 10.0:l  | +      |
| NB SPACE FRAME       | 14.9 fc | 21.6 fc | 6.7 fc | 3.2:l   | 2.2:l   | +      |                    |         |         |        |         |         |        |
| NB TOLL BOOTHS       | 10.5 fc | 24.3 fc | 1.1 fc | 22.1:l  | 9.5:l   | +      |                    |         |         |        |         |         |        |
| NORTH LIMIT          | 1.0 fc  | 3.9 fc  | 0.1 fc | 39.0:l  | 10.0:l  | +      |                    |         |         |        |         |         |        |

Date: 8/27/2018

Filename: ...\163\_LT12 - Luminaire Schedule and Statistics.dgn

Scale: AS NOTED

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:



CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | PV  | 7/18 | Checked      | DB  | 7/18 |
| Drawn    | EFG | 7/18 | In Charge of | TWM | 7/18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA. 02116  
TEL (617) 242-9222  
FAX (617) 242-9824



**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

LUMINAIRE SCHEDULE AND STATISTICS

SHEET NUMBER: LT-12

CONTRACT: 2018.20

163 OF 489

NOTE:  
 PANELS LC-1 (MILE 8.8) SHALL BE LOCATED IN THE  
 PROPOSED ADMINISTRATION BUILDING ELECTRICAL ROOM.

| PANEL "LC1" (MILE 8.8) |                                |                     |                          |                           |             |      |                             |   |   |                         | AIC 18,000 MIN. |                  |                  |                  |                                |             |
|------------------------|--------------------------------|---------------------|--------------------------|---------------------------|-------------|------|-----------------------------|---|---|-------------------------|-----------------|------------------|------------------|------------------|--------------------------------|-------------|
| SPACES<br>42           |                                | MOUNTING<br>SURFACE | LOCATION<br>LGT. CABINET | MAIN BREAKER<br>100A - 3P |             |      | VOLTAGE<br>277/480V. 3φ. 4W |   |   | MAIN BUS<br>RAT. 225AMP |                 | FEED<br>BOTTOM   |                  |                  |                                |             |
| CKT.<br>NO.            | DESCRIPTION                    | LOADS               |                          |                           | BKR<br>SIZE | POLE | A                           | B | C | BKR<br>SIZE             | POLE            | LOADS            |                  |                  | DESCRIPTION                    | CKT.<br>NO. |
|                        |                                | A φ                 | B φ                      | C φ                       |             |      |                             |   |   |                         |                 | A f <sub>c</sub> | B f <sub>c</sub> | C f <sub>c</sub> |                                |             |
| 1                      | I-95 WEST SIDE LIGHTING SOUTH  | 1950                |                          |                           | 20          | 1    | ●                           |   |   | 20                      | 1               | 1706             |                  |                  | I-95 EAST SIDE LIGHTING SOUTH  | 2           |
| 3                      | I-95 WEST SIDE LIGHTING SOUTH  |                     | 1706                     |                           | 20          | 1    |                             | ● |   | 20                      | 1               |                  | 1706             |                  | I-95 EAST SIDE LIGHTING SOUTH  | 4           |
| 5                      | I-95 WEST SIDE LIGHTING MIDDLE |                     |                          | 2194                      | 20          | 1    |                             | ● |   | 20                      | 1               |                  |                  | 1706             | I-95 EAST SIDE LIGHTING MIDDLE | 6           |
| 7                      | I-95 WEST SIDE LIGHTING MIDDLE | 1706                |                          |                           | 20          | 1    | ●                           |   |   | 20                      | 1               | 1219             |                  |                  | I-95 EAST SIDE LIGHTING MIDDLE | 8           |
| 9                      | I-95 WEST SIDE LIGHTING NORTH  |                     | 1219                     |                           | 20          | 1    |                             | ● |   | 20                      | 1               |                  | 1219             |                  | I-95 EAST SIDE LIGHTING NORTH  | 10          |
| 11                     | I-95 WEST SIDE LIGHTING NORTH  |                     |                          | 1219                      | 20          | 1    |                             | ● |   | 20                      | 1               |                  |                  | 1219             | I-95 EAST SIDE LIGHTING NORTH  | 12          |
| 13                     |                                | -                   |                          |                           | 20          | 1    | ●                           |   |   | 20                      | 1               | -                |                  |                  |                                | 14          |
| 15                     |                                |                     | -                        |                           | 20          | 1    |                             | ● |   | 20                      | 1               |                  | -                |                  |                                | 16          |
| 17                     |                                |                     |                          | -                         | 20          | 1    |                             | ● |   | 20                      | 1               |                  |                  | -                |                                | 18          |
| 19                     |                                | -                   |                          |                           | 20          | 1    | ●                           |   |   | 20                      | 1               | -                |                  |                  |                                | 20          |
| 21                     |                                |                     | -                        |                           | -           | -    |                             | ● |   | -                       | -               |                  | -                |                  |                                | 22          |
| 23                     |                                |                     |                          | -                         | -           | -    |                             | ● |   | -                       | -               |                  | -                |                  |                                | 24          |
| 25                     |                                | -                   |                          |                           | -           | -    | ●                           |   |   | -                       | -               |                  | -                |                  |                                | 26          |
| 27                     |                                |                     | -                        |                           | -           | -    |                             | ● |   | -                       | -               |                  | -                |                  |                                | 28          |
| 29                     |                                |                     |                          | -                         | -           | -    |                             | ● |   | -                       | -               |                  | -                |                  |                                | 30          |
| 31                     |                                | -                   |                          |                           | -           | -    | ●                           |   |   | -                       | -               |                  | -                |                  |                                | 32          |
| 33                     |                                |                     | -                        |                           | -           | -    |                             | ● |   | -                       | -               |                  | -                |                  |                                | 34          |
| 35                     |                                |                     |                          | -                         | -           | -    | ●                           |   |   | -                       | -               |                  | -                |                  |                                | 36          |
| 37                     |                                | -                   |                          |                           | -           | -    | ●                           |   |   | -                       | -               |                  | -                |                  |                                | 38          |
| 39                     |                                |                     | -                        |                           | -           | -    |                             | ● |   | -                       | -               |                  | -                |                  |                                | 40          |
| 41                     |                                |                     |                          | -                         | -           | -    | ●                           |   |   | -                       | -               |                  | -                |                  |                                | 42          |
| TOTAL                  |                                | 3656                | 2925                     | 3413                      |             |      |                             |   |   |                         | TOTAL           | 2925             | 2925             | 2925             |                                |             |
|                        |                                |                     |                          |                           |             |      |                             |   |   |                         |                 | 6581             | 5850             | 6338             |                                |             |

(18769/830 = 22.61 Amps x 1.25 = 28.26 Amps)

Date: 8/27/2018

Filename: ... \164\_LT13 - Estimate\_01\_Lighting.dgn

Scale: AS NOTED

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

Designed by:

JACOBS®

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | PV  | 7/18 | Checked      | DB  | 7/18 |
| Drawn    | CWB | 7/18 | In Charge of | TWM | 7/18 |

JACOBS ENGINEERING GROUP  
 120 ST. JAMES AVENUE  
 BOSTON, MA. 02116  
 TEL (617) 242-9222  
 FAX (617) 242-9824

THE GOLD STAR  
MEMORIAL HIGHWAY

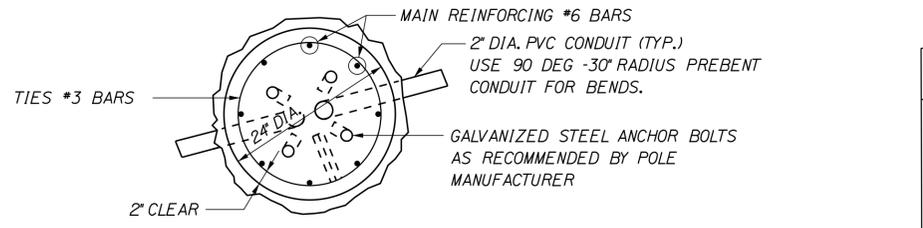
MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
LIGHTING SCHEDULE

SHEET NUMBER: LT-13  
CONTRACT: 2018.20  
164 OF 489

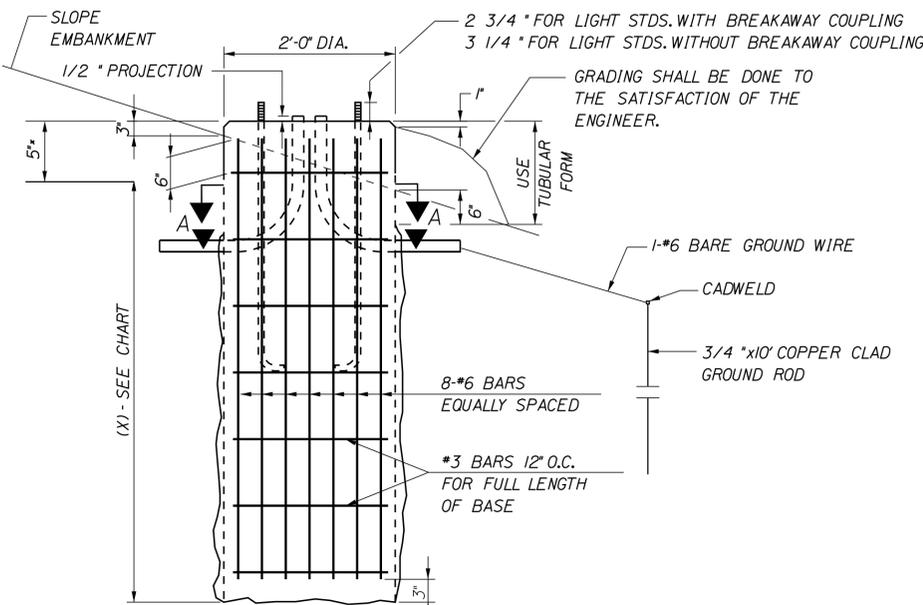
Date: 8/30/2018

Filename: ... \165\_L114 - Typical\_01\_Lighting.dgn



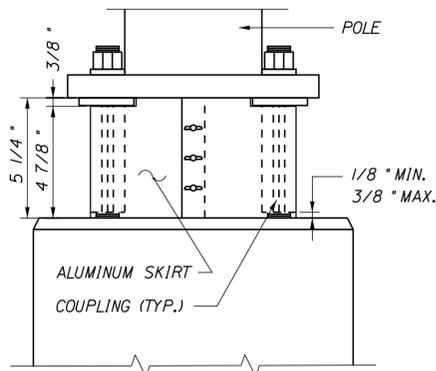
SECTION A-A

| MOUNTING HEIGHT | FIXTURE | SOIL         | FOUNDATION EMBEDMENT (X) |
|-----------------|---------|--------------|--------------------------|
| 25'             | SINGLE  | COHESIONLESS | 6'                       |
| 30'             | SINGLE  | COHESIONLESS | 7'                       |
| 30'             | SINGLE  | COHESIVE     | 10'                      |
| 35'             | DOUBLE  | COHESIONLESS | 9'                       |
| 35'             | SINGLE  | COHESIVE     | 11'                      |
| 35'             | SINGLE  | COHESIONLESS | 8'                       |



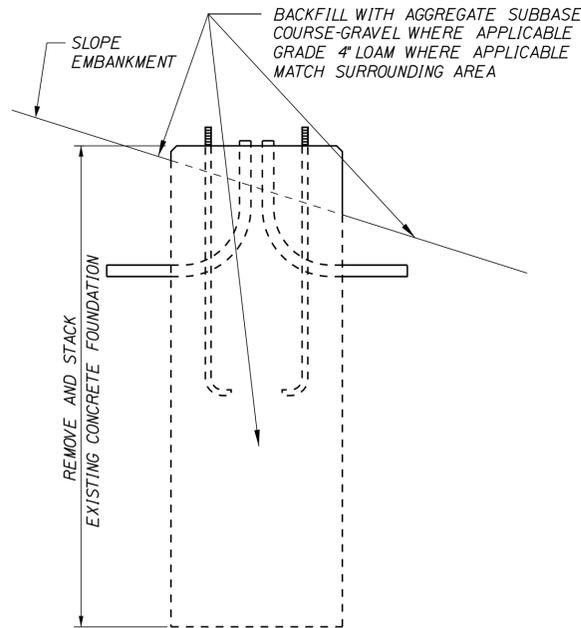
24 INCH FOUNDATION  
NOT TO SCALE

- NOTES:
- WHERE SOLID ROCK IS ENCOUNTERED AT LESS THAN THE REQUIRED DISTANCE BELOW GROUND LEVEL, REINFORCING STEEL SHALL BE DOWELED INTO LEDGE AS SHOWN ON MAINE DOT STANDARD DETAIL 626(06). PAYMENT SHALL BE INCIDENTAL TO THE FOUNDATION PAY ITEM.
  - GROUNDING SYSTEM SHALL BE THE SAME FOR ITS CCTV POLES.

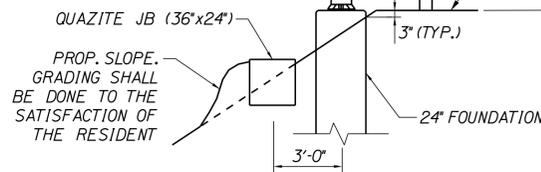


BREAKAWAY COUPLINGS AND SKIRT DETAIL \*  
NOT TO SCALE

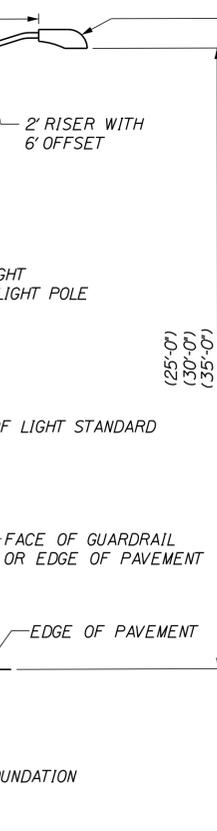
\* BREAKAWAY COUPLINGS SHALL BE REQUIRED ON ALL NEW LIGHT STANDARDS



REMOVAL OF CONCRETE FOUNDATION  
NOT TO SCALE

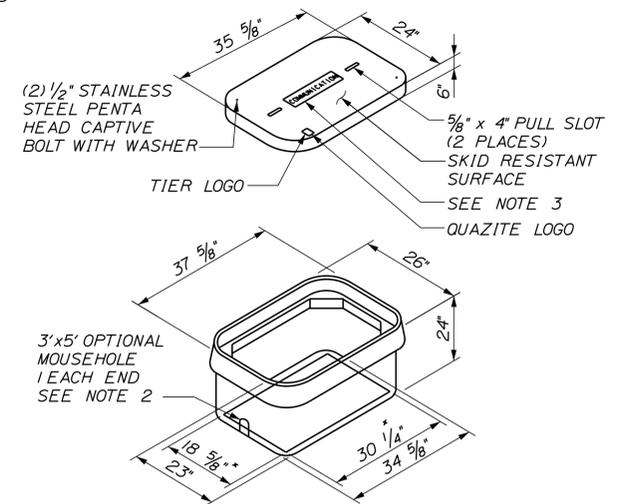


PLACEMENT OF LIGHT STANDARD  
NO SCALE



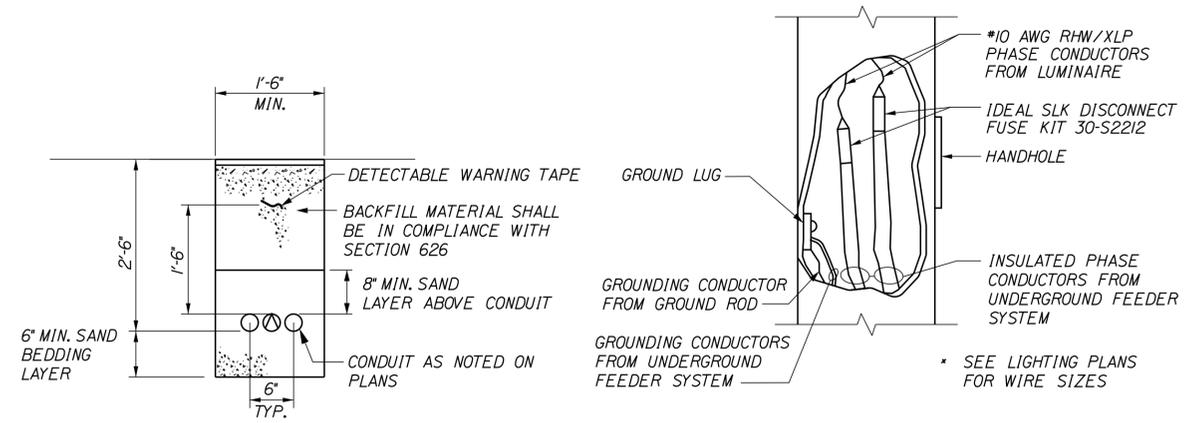
TRENCH CROSS SECTION  
NOT TO SCALE

PROVIDE NEW LIGHTING FIXTURE TO BE INSTALLED ON NEW LIGHTING POLES. PHILLIPS ROADFOCUS LED



- NOTES:
- SPLICES IN BOX SHALL BE MADE WITH ILSCP USPA-350-SS-DB SAFTEYSUB WATER TIGHT DIRECT BURY SPLICE WIRE RANGE 350MCM-10-STR, ONLY. PROVIDE ENOUGH SLACK IN THE WIRE TO ALLOW REMOVAL OF SPLICES AND NEATLY ARRANGE WIRE IN BOX.
  - PROVIDE 12" CRUSHED STONE UNDER BOX (INCIDENTAL TO QUAZITE BOX ITEM).
  - THE COVER SHALL BE LABELED WITH THE FUNCTION DESIGNATION IN 1" MIN TEXT AS FOLLOWS:  
- "LIGHTING" FOR LIGHTING CONDUIT  
- "COMMUNICATION" FOR COMMUNICATIONS CONDUIT  
- "ELECTRICAL" FOR TOLLING SYSTEM ELECTRICAL AND NON-LIGHTING GENERAL ELECTRICAL.
  - DIMENSIONS SHOWN FOR ITEM 626.12 QUAZITE JUNCTION BOX (36X24). SEE MANUFACTURERS DETAILS FOR DIMENSIONS OF ITEM.  
\* BOTTOM OPENING

QUAZITE JUNCTION BOX (36X24) DETAIL  
NOT TO SCALE



TYPICAL POLE WIRING DETAIL  
NOT TO SCALE

Scale: AS NOTED

| No. | Revision | By | Date |
|-----|----------|----|------|
|     |          |    |      |

Designed by:

**JACOBS**

CONSULTANT PROJECT MANAGER: T. MORIN

|          | By  | Date |              | By  | Date |
|----------|-----|------|--------------|-----|------|
| Designed | PV  | 7/18 | Checked      | DB  | 7/18 |
| Drawn    | EFG | 7/18 | In Charge of | TWM | 7/18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA. 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

**MAINE TURNPIKE**

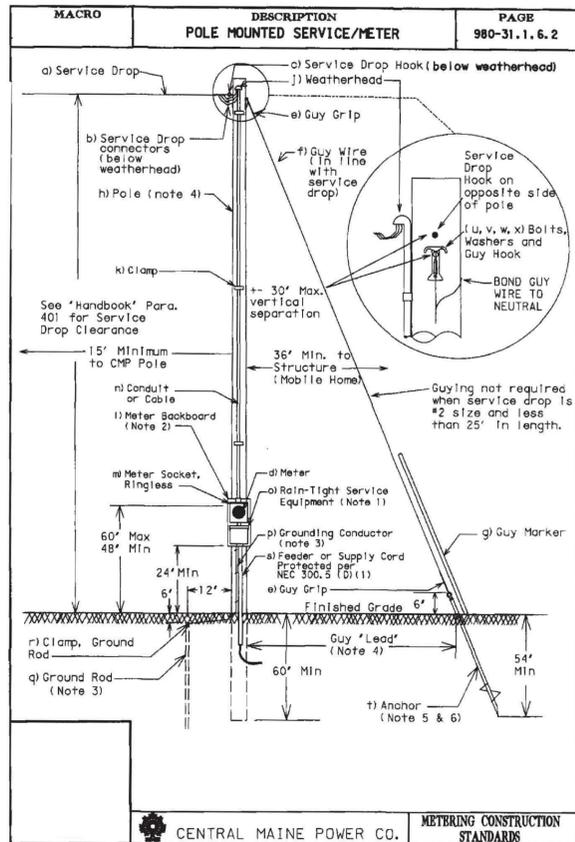
**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA  
LIGHTING DETAILS

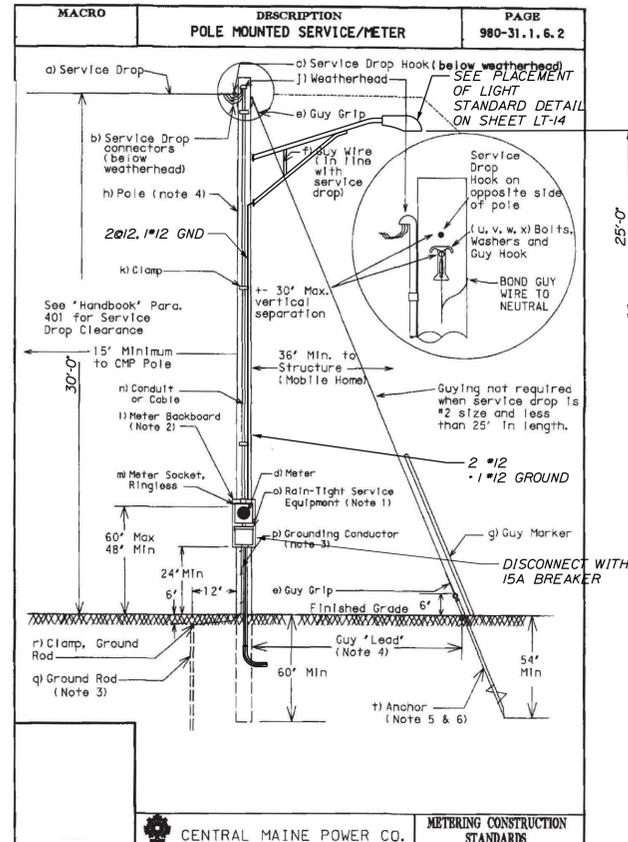
SHEET NUMBER: LT-14  
CONTRACT: 2018.20  
165 OF 489

XII. ILLUSTRATION No. 4



DETAIL 1  
NOT TO SCALE

XII. ILLUSTRATION No. 4



DETAIL 2  
NOT TO SCALE

NOTES:  
1. DETAILS 1 AND 2 THIS SHEET IS REFERENCE FROM THE UTILITY CENTRAL MAINE POWER DOCUMENT "HANDBOOK OF REQUIREMENTS FOR ELECTRICAL SERVICE AND METER INSTALLATIONS".

Date: 8/27/2018

Filename: ...\\166\_LT-15 - Typical\_01\_Power\_Details.dgn

|          |          |    |      |
|----------|----------|----|------|
| Scale:   |          |    |      |
| AS NOTED |          |    |      |
| No.      | Revision | By | Date |
|          |          |    |      |

|                                      |          |      |      |              |      |      |
|--------------------------------------|----------|------|------|--------------|------|------|
| Designed by:                         |          |      |      |              |      |      |
| <b>JACOBS</b>                        |          |      |      |              |      |      |
| CONSULTANT PROJECT MANAGER: T. MORIN |          |      |      |              |      |      |
|                                      | By       | Date |      | By           | Date |      |
|                                      | Designed | PV   | 7/18 | Checked      | DB   | 7/18 |
|                                      | Drawn    | EFG  | 7/18 | In Charge of | TWM  | 7/18 |

JACOBS ENGINEERING GROUP  
120 ST. JAMES AVENUE  
BOSTON, MA. 02116  
TEL (617) 242-9222  
FAX (617) 242-9824

THE GOLD STAR  
MEMORIAL HIGHWAY

YORK TOLL PLAZA

LIGHTING SITE POWER DETAILS

SHEET NUMBER: LT-15  
CONTRACT: 2018.20  
166 OF 489

MTA PROJECT MANAGER: R. NORWOOD