



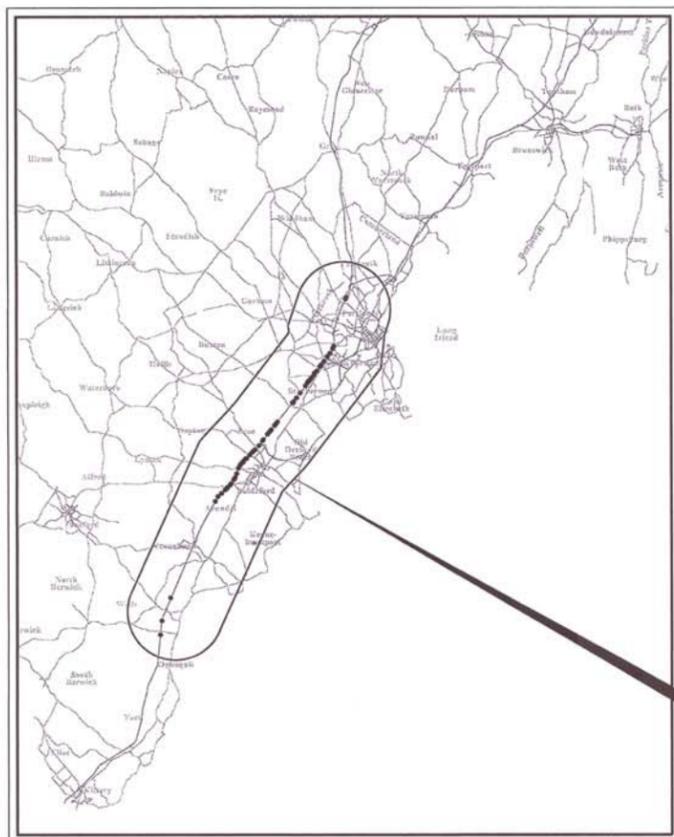
THE GOLD STAR
MEMORIAL HIGHWAY

MAINE TURNPIKE AUTHORITY

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

S. PETER MILLS, EXECUTIVE DIRECTOR

CONTRACT 2018.13 GUIDE SIGN MODIFICATIONS, PHASE III MAINE TURNPIKE EXITS 32, 36, 42, 44 & 45



LOCATION MAP

Contract 2018.13
Guide Sign Modifications,
Phase III

INDEX OF SHEETS

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12	Construction Sign Summary
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22-26	Overhead Sign Structures
27-32	Overhead Sign Structure Foundation Details
33-35	Details (Other)
36-101	Sign Plans



APPROVED: MAINE TURNPIKE AUTHORITY

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DATE: 11/28/17

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TIMOTHY S. BRYANT, P.E. - FOUNDATION ENGINEER (SHEETS 27-32)
DATE: 11/28/2017



Contract 2018.13

GENERAL

- All work shall conform to the 2014 edition of the Maine Department of Transportation (MaineDOT) Standard Specifications, except as modified by the Maine Turnpike Authority (MTA) Supplemental Specifications and Special Provisions.
- Construction shall be in conformance with the 2014 edition of the MaineDOT Standard Details and the MaineDOT Best Management Practices for Erosion and Sediment Control (latest edition and revisions) unless otherwise indicated in these plans.
- No separate payment for superintendent or foreman will be made for the supervision of equipment being paid for under the equipment rental items.
- No formal survey was conducted for the construction of this project. All design was based on aerial photography and field investigations. The baseline included in the plan set was established by the MTA for general use only. The Contractor shall be responsible for confirming actual elevations for the proposed sign locations.
- All proposed guide signs shall be fabricated from extruded aluminum planks with ASTM D4956 Type XI high intensity microprismatic reflective sheeting with direct applied letters, numeral, symbols and borders consisting of Type XI reflective sheeting. The proposed guide sign overlays (OL-1 and OL-2) shall be fabricated from 0.080 sheet aluminum with ASTM D4956 Type VIII or IX high intensity microprismatic sheeting with direct applied background sheeting and legends consisting of Type VIII or IX reflective sheeting.
- Where signs require a six (6) inch panel, the 6-inch panel shall be attached at the bottom of the sign, except where noted.
- Where signs indicate a need for stiffeners, the Contractor shall furnish and install auxiliary panel supports equal to twice the height of the panels to be stiffened. Each stiffener shall be clamped to the H-beam supported and unsupported portion of the signs every 12 inches on the left and right sides of the stiffener.
- Where supplemental plaques are proposed below a sign, the supplemental plaque shall be secured to a steel H-beam support in a manner acceptable to the Resident. Where there are more supplemental plaques proposed than there are steel H-beams, the Contractor shall install a stiffener centered on the sign to hang the supplemental plaque below the sign. The supplemental plaque shall then be bolted to the stiffener at a minimum of four locations.
- The Contractor shall stake out the locations of all signs to be installed on new supports for review and approval by the Resident prior to ordering and fabricating steel H-Beam supports.
- The length of the vertical supports shown on the Plans are approximate and for bidding purposes only. The Contractor is responsible for determining the final sign support lengths to fit the approved sign location. The minimum 7 foot mounting height of the sign above the pavement surface shall be the controlling dimension to determine the length of the vertical support.
- The Contractor shall be responsible for conducting his own actual elevation and cross-section investigations for signs proposed for new supports. Additionally, the Contractor shall conduct accurate measurements of the existing elevations and existing support lengths when adding a third sign support to an existing structure. The third support shall be in line with the existing two supports.
- Existing signs shall be maintained until the new signs are installed. When new signs are installed in front of existing signs, the Contractor should install the supports and the sign on the same day. Alternatively, the Contractor may elect to install the supports in advance of installing the sign; however, the Contractor shall not leave posts installed for more than one week prior to installing the new sign.
- It is noted that the Authority may remove some of the indicated signs prior to the Contractor's notice to proceed. The Contractor shall notify the Resident of any signs that do not match the sign images shown in the plans.
- The Contractor shall contact Dig Safe prior to any excavation work. The Contractor shall also contact Dig Smart to locate Authority utilities within each project area.
- Signs installed on existing overhead sign structures shall have sign clips attached on each side of all sign supports (W6x9) for every 12-inch and 6-inch panel. The Contractor shall furnish and install all post clips required to meet this requirement.

SALVAGING SIGNS AND SIGN SUPPORTS

- The Authority has the right of first refusal on salvaging all removed equipment for this project. The Contractor shall take care when removing signs and sign supports to avoid additional wear and tear to the existing hardware. The Contractor shall transport and deliver all accepted salvaged materials, equipment and hardware to the Maine Turnpike Authority Sign Shop, located along the Turnpike northbound roadway at Milepoint 58. Delivery of salvaged materials shall be coordinated through the Resident.
- Salvaging Signs All signs removed under this project shall be salvaged, stacked, and delivered to the Authority's Sign Shop. The signs shall be salvaged with all existing post clips attached.
- Salvaging Sign Supports All steel sign supports including overhead sign structures removed under this project shall be salvaged and delivered to the Authority's Sign Shop. Each support salvaged shall be identified by the milepoint from which it was removed, its overall length, and its size (if known). All wooden sign supports removed under this project shall be disposed of by the Contractor in a manner acceptable to the Resident.

CLEAR ZONE AND GUARDRAIL PROTECTION

- The Clear Zone, as defined by the American Association of State Highway and Transportation Officials (AASHTO) for the Maine Turnpike shall be in accordance with the latest edition of the AASHTO Roadside Design Guide and latest ERRATA from Table 3-1 "Suggested clear-zone distances (in feet) from edge of traveled lane." Any sign with at least one support within the clear zone shall be considered to be entirely within the clear zone and all supports for that sign shall be breakaway or shall be protected in accordance with the AASHTO Roadside Design Guide.

CLEAR ZONE AND GUARDRAIL PROTECTION (cont.)

- Where guardrail protects the sign, the nearest sign support shall not be closer than six (6) feet from the face of the guardrail.
- If the Contractor elects to remove a segment of guardrail for access to the work area, the Contractor shall reset the guardrail at the end of the work day. Alternatively, the Contractor shall protect the temporary blunt end with a suitable crash cushion. Crash cushions installed for the Contractor's convenience will not be paid for but will be considered incidental to the Maintenance of Traffic Control Devices item.

SIGN SUPPORTS AND FOUNDATIONS

- All new steel H-beam supports shall extend to the top of the new sign, except where noted in the plans.
- Where indicated on the plans, the Contractor shall install new steel H-beam sign supports on new concrete foundations. The Contractor is encouraged to consider using pre-cast foundations for the 24 inch, 30 inch, and 36 inch diameter foundations. In the event the Contractor discovers ledge, unsuitable soils or other differing site conditions, the Authority will make an equitable adjustment in accordance with Supplemental Specification 109.7.
- If the Contractor encounters ledge at a depth less than the required foundation depth, the Contractor has the option to remove the rock to the depth required for the foundation or to construct a grouted rock-anchored foundation in accordance with MaineDOT Standard Detail 626(06).
- If the Contractor encounters unsuitable soils (including but not limited to organic materials, peat, clay, or previously disturbed soils) within the limits of the foundation excavation, the Contractor shall remove the unsuitable materials to the limits directed by the Resident. Alternatively, the Authority has the right to relocate the proposed foundation to avoid the unsuitable soils.
- Unless otherwise directed by the Resident due to the site soils, the Contractor shall construct sign support foundations to the following depths:
 - For W8x18 H-beam Supports: 24 inch diameter x 7 feet deep
 - For W8x24 H-beam Support: 24 inch diameter x 7 feet deep
 - For W10x22 H-beam Supports: 24 inch diameter x 7 feet deep
 - For W12x26 H-beam Supports: 30 inch diameter x 8 feet deep
 - For W14x30 H-beam Supports: 30 inch diameter x 8 feet deep
 - For W16x57 H-beam Supports: 36 inch diameter x 12 feet deep
- Where indicated on the plans, the Contractor shall remove and salvage the top section of breakaway sign supports (above the hinge plates) and replace with new sign support sections and new hinge plates to the top of the installed signs.
- Where indicated on the plans, the Contractor shall remove and salvage the bottom section of breakaway sign supports (below the hinge plates) and replace with new sign support sections and new hinge plates to the bottom of the installed signs.
- Overhead sign structure foundation designs are included in these plans. See Foundation Details for additional information.

TRAFFIC CONTROL

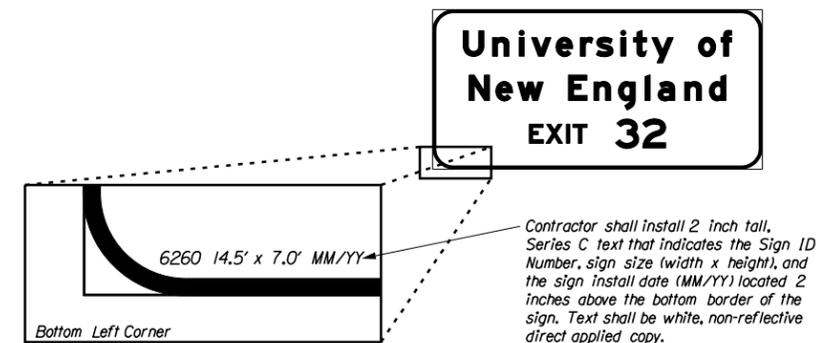
- All traffic control equipment shall conform to the project Supplemental Specifications and applicable traffic control standards and practices of the Authority.
- All traffic control equipment, devices, and temporary traffic controls shall conform to the 2009 edition of the Federal Highway Administration (FHWA) Manual on Uniform Traffic Control Devices (MUTCD), Chapter 6 and the 2014 edition of the MaineDOT Standard Details. Specific temporary traffic controls for use along the Maine Turnpike are provided in the Plans for use by the Contractor.
- All temporary traffic control signs, sign support structures, channelizing devices, flashing arrow panels (FAP), portable changeable message signs (PCMS) and other traffic control equipment along the roadside shall meet or exceed NCHRP 350 Test Level 3 (TL-3) requirements.
- All temporary traffic control signs shall have ASTM D4956 Type VII, Type VIII, or Type IX super high intensity or prismatic fluorescent retroreflective sheeting and shall be maintained in like-new condition. All orange construction signs shall be fluorescent orange with Type IX sheeting. Placement of construction signs shall be adjusted to avoid obstructing existing signs and to ensure proper sight lines to the construction signs as determined by the Resident.
- Any signs, equipment, or devices found to be damaged or unserviceable shall be replaced at the Contractor's expense. Any damage to Type XI sign sheeting may result in rejection of the whole sign panel.
- All lane closures shall require approval of the Resident a minimum of two working days in advance of the lane closure.
- No foundation or guardrail work shall be done on or adjacent to a lane carrying traffic. All foundation and guardrail work adjacent to a lane carrying traffic must provide a lane closure to provide a lateral buffer to the work area.
- Approach ends of temporary concrete barrier shall be protected by temporary impact attenuators or with guardrail overlaps as approved by the Resident.

OVERHEAD SIGN STRUCTURES

- Foundation designs have been provided in the Plans for the three proposed overhead sign structures. See details on Sheet 27-32.
- Any necessary fine grading around sign structure foundations shall not be paid for directly but shall be considered incidental to the installation of the foundation.
- At locations where a median foundation is required, the footprint of the proposed foundation has been designed to fit within the existing median. The construction of the median foundations shall not extend into the shoulder of the roadway and shall include appropriate support of excavation to protect the existing pavement surfaces.
- The Contractor shall submit working drawings for the support of excavation to the Authority for review and approval. All costs associated with support of excavation shall be incidental to the items 645.12.
- Any necessary dewatering of foundation excavations shall be incidental to the installation of the foundations.
- If soil conditions differ materially from those shown on the Geotechnical boring logs, the Contractor shall stop work on that structure's foundations and consult the Resident Engineer.
- The Contractor shall provide shop drawings for the overhead sign structures, including the bridge mounted structure, to the Authority for review and approval prior to beginning foundation excavation or structure fabrication.
- New sign attachment hardware shall be provided to attach new overhead signs to existing sign structures

GUARDRAIL

- Rail height is measured from the surface of adjacent pavement.
- Guardrail offset information is measured to the face of rail.
- Guardrail end treatments shall be installed concurrently with the placement or modification of guardrail segments. At no time shall unprotected guardrail end sections be exposed to traffic.
- Unless otherwise indicated, connections for proposed guardrail to existing guardrail shall be considered incidental to item 606.
- Guardrail details for transitions have been provided in the plans. See sheets 33 and 34.



SIGN IDENTIFICATION DETAIL

(Not to Scale)

Design Speed (mph)	Foreslopes		Backslopes		
	1V:6H or flatter	1V:5H to 1V:4H	1V:3H	1V:5H to 1V:4H	1V:6H or flatter
55	24	32	18	22	24
70	34	46	24	30	30

TABLE 3-1 EXCERPT

Date: 12/18/2017

Filename: ... \plonset\002_55086.03_Notes.dgn

Scale:			
No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

By	Date	By	Date
Designed MLG	11-2017	Checked MDS	11-2017
Drawn JAR	11-2017	In Charge of MDS	11-2017

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THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD, IV

MAINE TURNPIKE GUIDE SIGN MODIFICATIONS, PHASE III

GENERAL NOTES

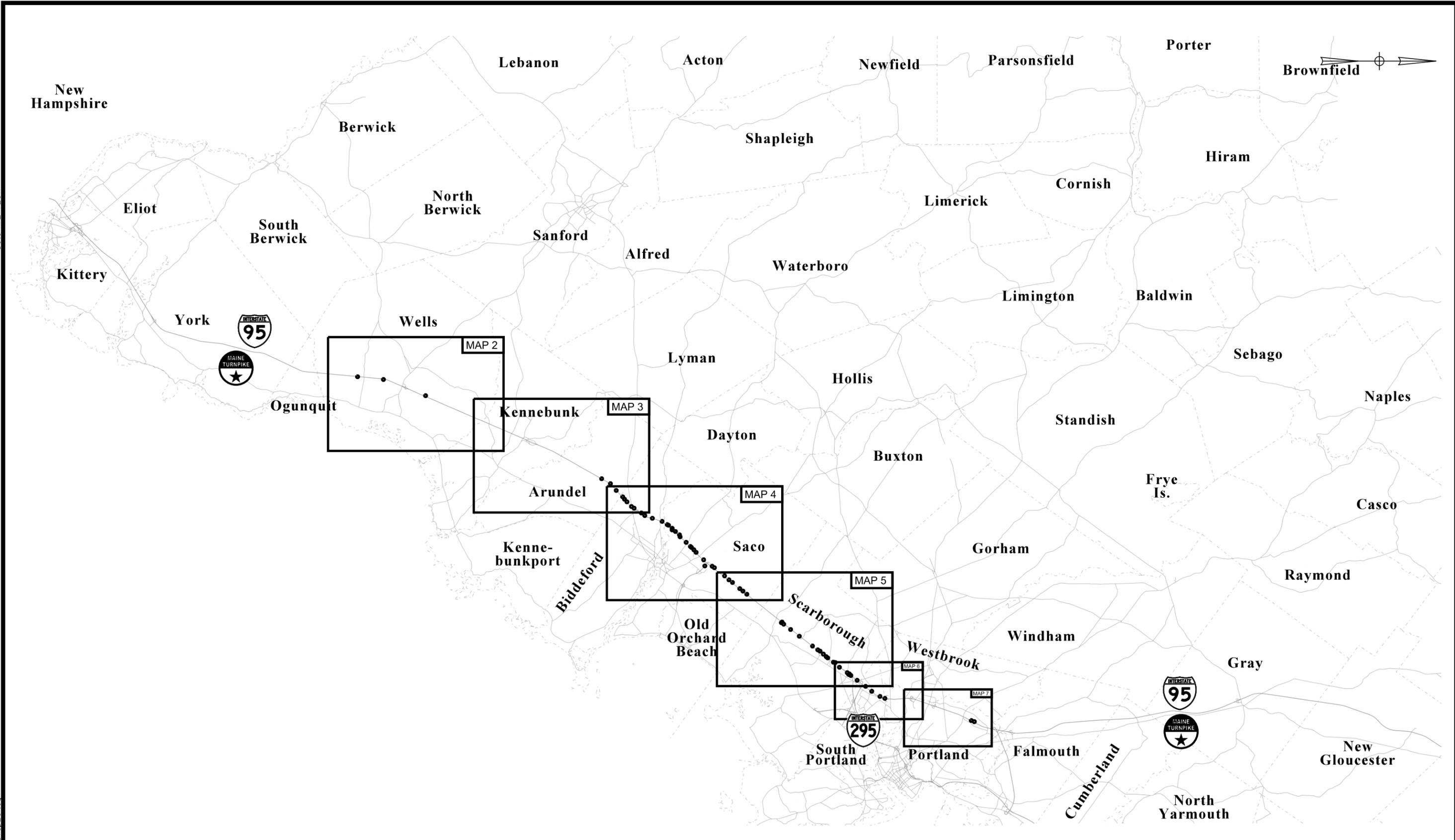
SHEET NUMBER: 2

CONTRACT: 2018.13

2 OF 101

Date: 11/27/2017

Filename: ...003_55086_03_Map_01.dwg



Scale: 11,000 0 11,000 22,000
Scale in Feet

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
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**THE GOLD STAR
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**MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III**

OVERALL MAP

SHEET NUMBER: 3
CONTRACT: 2018.13
3 OF 101

Date: 11/27/2017

Filename: ... \004_55086.03_Map_04.dgn

Wells



GM I-95 MM 16.95_N
SHEET 36

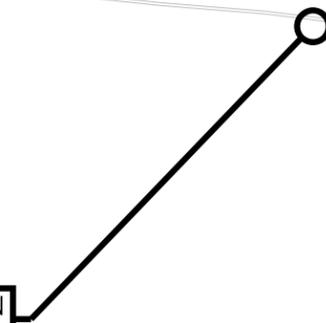


EXIT 19

GM I-95 MM 20.26_S
SHEET 38



GM I-95 MM 18.23_N
SHEET 37



LEGEND

GM I-95 MM XX.XX_X

GM = GROUND MOUNTED SIGN

OHSS = OVERHEAD SIGN STRUCTURE

MM = MILE MARKER

○ = PROJECT LOCATIONS

Scale: 1,250 0 1,250 2,500



Scale in Feet

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

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THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD, IV

MAINE TURNPIKE GUIDE SIGN MODIFICATIONS, PHASE III

MAP 2

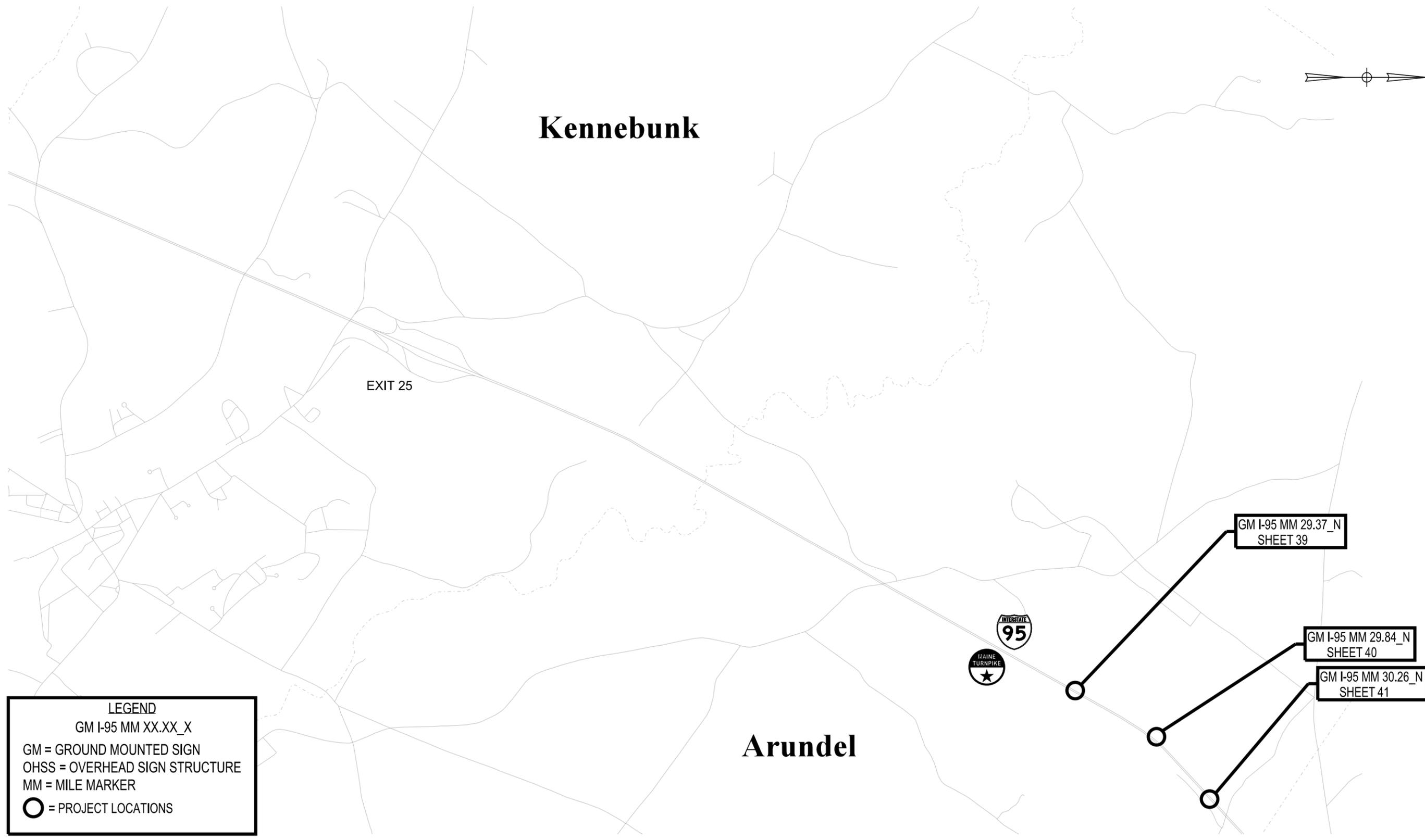
CONTRACT: 2018.13

SHEET NUMBER: 4

4 OF 101

Date:11/27/2017

Filename: ...005_55086_03_Map_05.dgn



LEGEND

GM I-95 MM XX.XX_X

GM = GROUND MOUNTED SIGN
 OHSS = OVERHEAD SIGN STRUCTURE
 MM = MILE MARKER

○ = PROJECT LOCATIONS

Scale: 1,250 0 1,250 2,500



Scale in Feet

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

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**MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE III**

MAP 3

CONTRACT:2018.13

SHEET NUMBER: 5

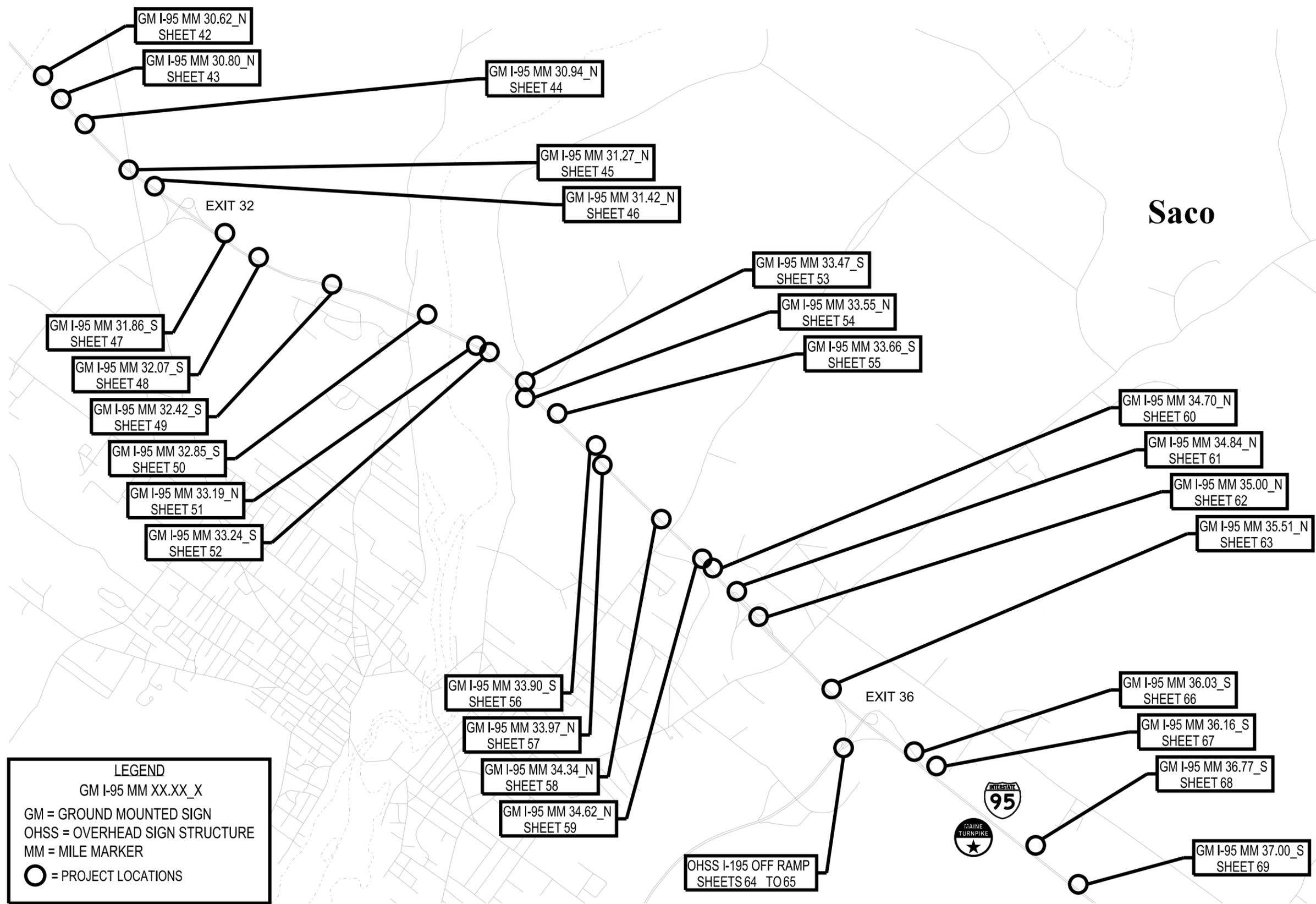
5 OF 101

Date: 11/27/2017

Filename: ...006_55086_03_Map_06.dgn



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LEGEND

GM I-95 MM XX.XX_X

GM = GROUND MOUNTED SIGN
 OHSS = OVERHEAD SIGN STRUCTURE
 MM = MILE MARKER
 ○ = PROJECT LOCATIONS

Scale: 1,250 0 1,250 2,500

Scale in Feet

No.	Revision	By	Date

Designed by:

CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
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MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE III

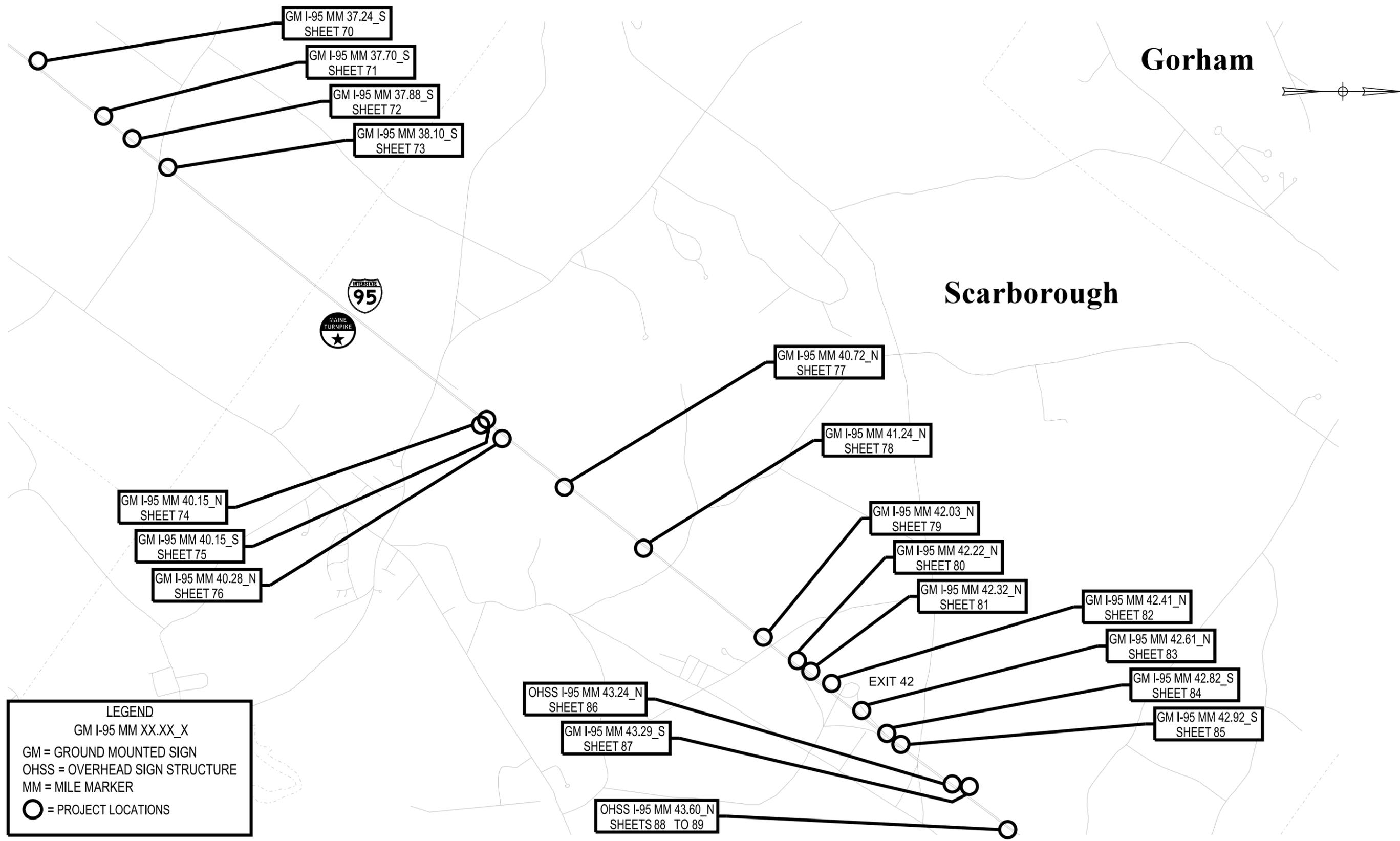
MAP 4

SHEET NUMBER: 6
 6 OF 101

CONTRACT: 2018.13

Date: 11/27/2017

Filename: ...007_55086_03_Map_07.dgn



LEGEND
 GM I-95 MM XX.XX_X
 GM = GROUND MOUNTED SIGN
 OHSS = OVERHEAD SIGN STRUCTURE
 MM = MILE MARKER
 ○ = PROJECT LOCATIONS

Scale: 1,250 0 1,250 2,500
 Scale in Feet

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
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**MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE III**

MAP 5

SHEET NUMBER: 7
 7 OF 101

CONTRACT: 2018.13

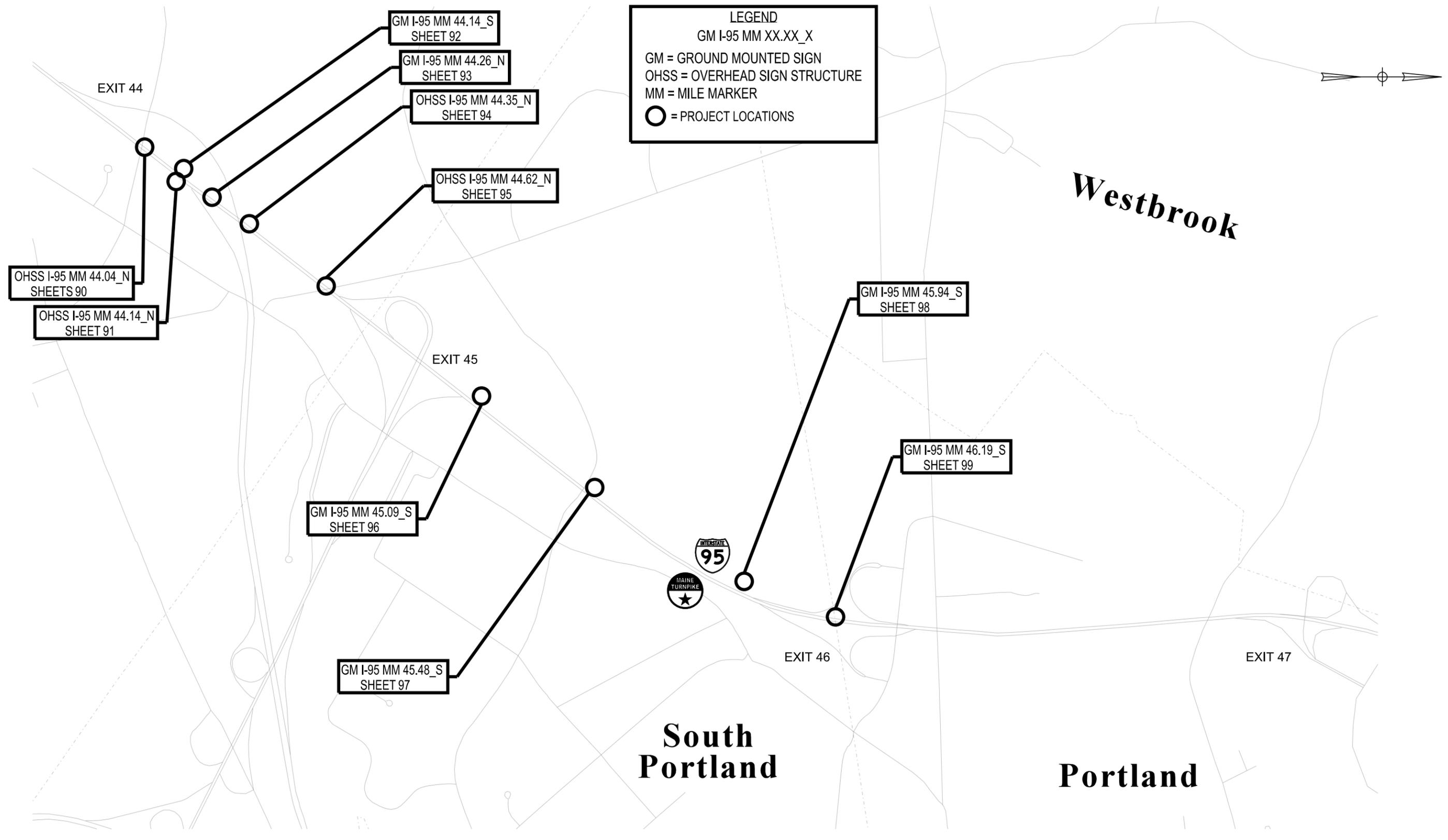
Date: 11/27/2017

Filename: ...008_55086_03_Map_08.dgn

LEGEND

GM I-95 MM XX.XX_X

GM = GROUND MOUNTED SIGN
 OHSS = OVERHEAD SIGN STRUCTURE
 MM = MILE MARKER
 ○ = PROJECT LOCATIONS



Scale: 625 0 625 1,250

Scale in Feet

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
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Drawn	JAR	11-2017	In Charge of	MDS	11-2017

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**THE GOLD STAR
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MTA PROJECT MANAGER: R. NORWOOD, IV

**MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE III**

MAP 6

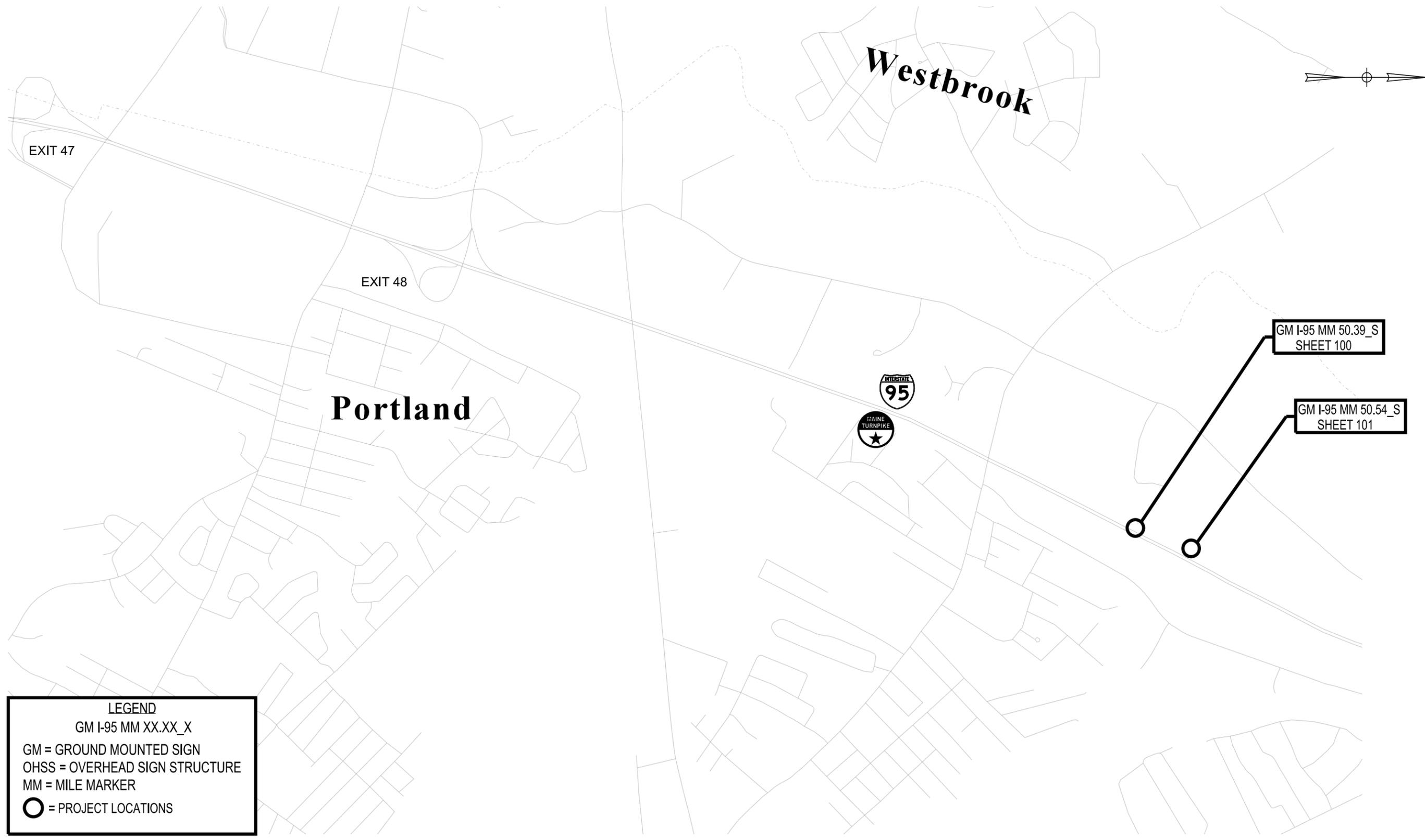
SHEET NUMBER: 8

CONTRACT: 2018.13

8 OF 101

Date: 11/27/2017

Filename: ...009_55086_03_Map_09.dgn



LEGEND
 GM I-95 MM XX.XX_X
 GM = GROUND MOUNTED SIGN
 OHSS = OVERHEAD SIGN STRUCTURE
 MM = MILE MARKER
 ○ = PROJECT LOCATIONS

Scale: 625 0 625 1,250
 Scale in Feet

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
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MTA PROJECT MANAGER: R. NORWOOD, IV

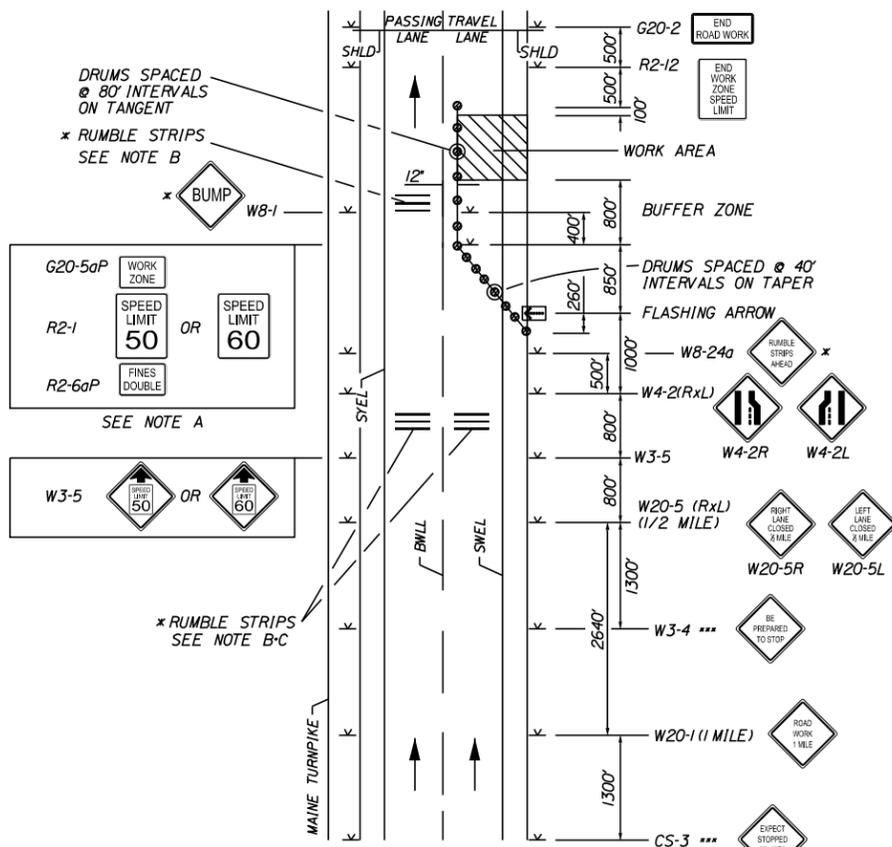
**MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE III**

MAP 7

SHEET NUMBER: 9
 CONTRACT: 2018.13
 9 OF 101

Date: 12/13/2017

Filename: ...010_55086.03_TCP_01.dgn

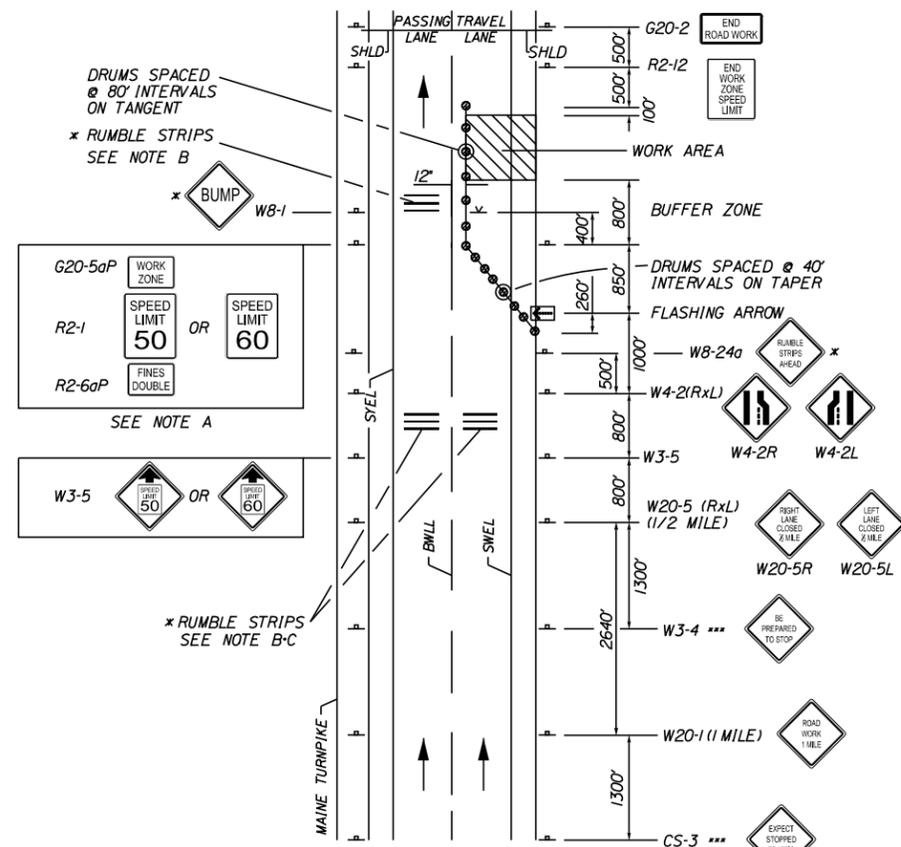


**SINGLE LANE CLOSURE
SIGNS ON EASELS**

- Note A. For easel set up only, this sign is not bracketed. One sign assembly is placed at the end of the taper. Signs may be split onto two easels.
- Note B. If rumble strips are used they shall be placed in one of the following configurations:
- Adjacent to the work zone (1 Unit)
 - Upstream from the taper for the workzone (2 Units)
 - Both adjacent to the workzone and prior to the taper (3 Units)
- W8-1 signs shall be placed adjacent to the first rumble strip at any location. Only one set of W8-24a signs are required for any of the above configurations.
- Note C. Rumble strips may be placed upstream of the taper between the W3-5 signs and the W4-2 signs. If rumble strips are installed prior to taper, W8-1 signs shall be placed adjacent to the first strip and the W8-24a signs shall be moved to 400' after the W20-5 signs.

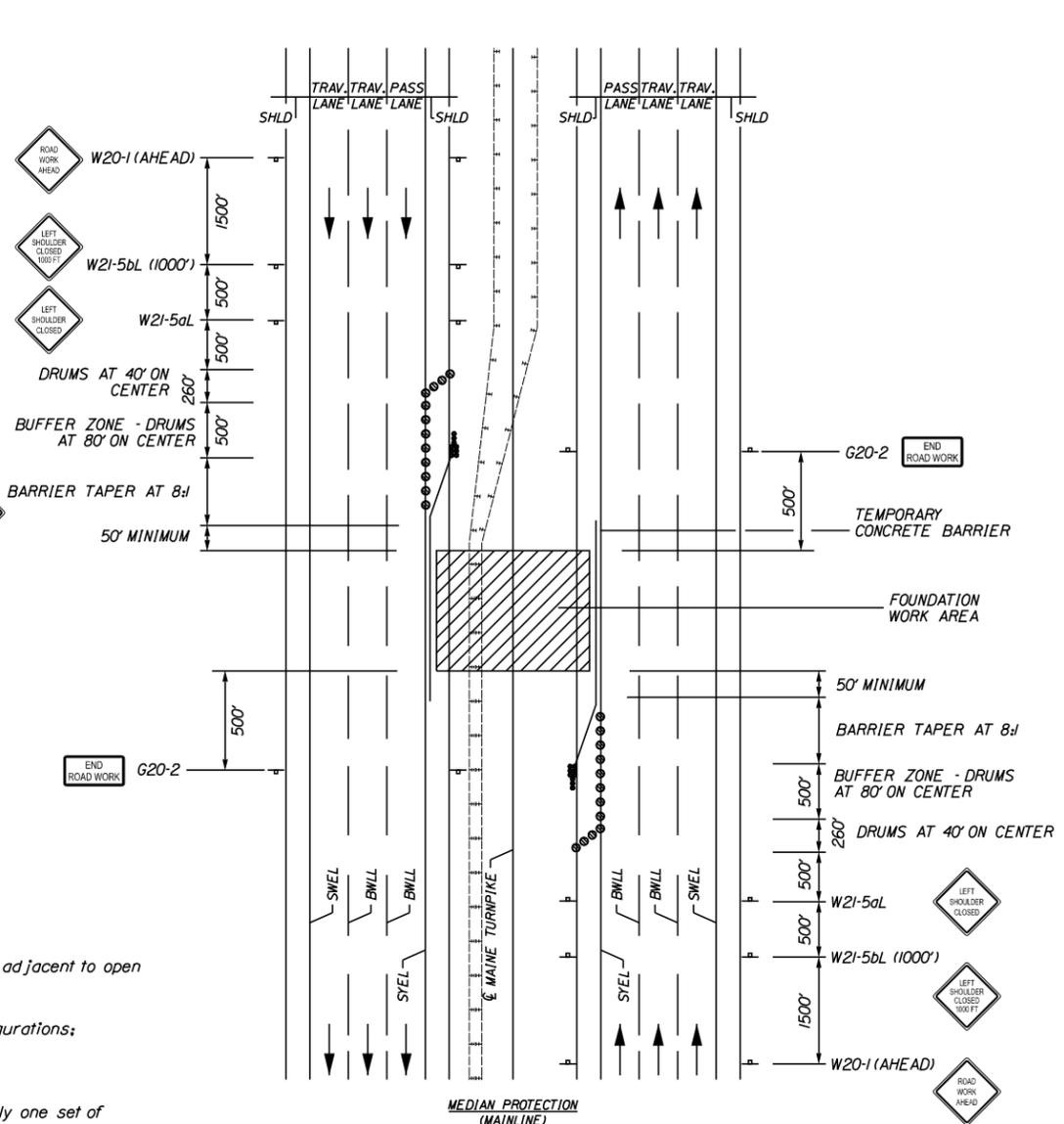
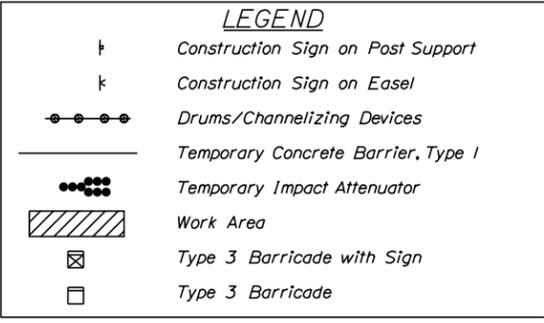
GENERAL NOTES

1. For sign details, see construction sign summary.
2. Signs designated with *** shall be used during stoppages of traffic.
3. When truck mounted attenuators are included in the contract (incidental or pay item), they shall not be located in the buffer zone.
4. Where the posted speed limit is 70MPH, the traffic control shall use 60MPH. Where the posted speed limit is 65MPH or less the traffic control shall use 50MPH.
5. Workzone speed limit assembly may be replaced with an automated workzone speed limit sign (Item 652.451)
6. Barrier shall be placed 1 foot off the yellow line.
7. Barrier shall extend to 25 feet past the break in the guardrail
8. Barrier shall not be removed until foundation, barrier transition and guardrail end is in place prior to final paving.



**SINGLE LANE CLOSURE
POST MOUNTED SIGN SETUP**

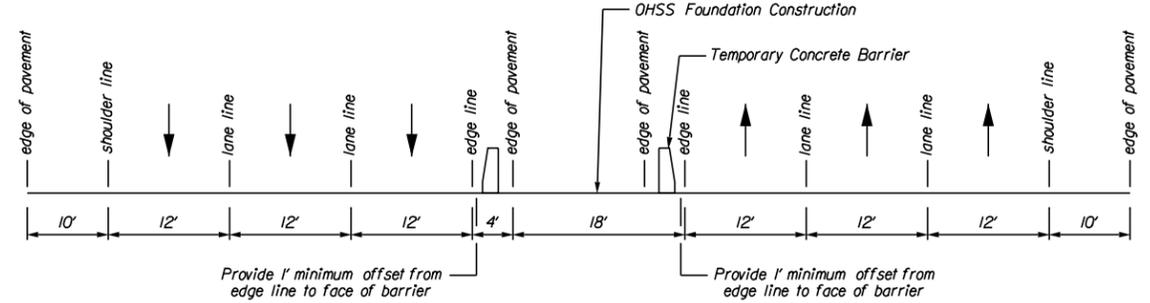
- Note A. Post mounted signs shall be covered when lane closure is removed. Only sign adjacent to open lane needs to be uncovered.
- Note B. If rumble strips are used they shall be placed in one of the following configurations:
- Adjacent to the work zone (1 Unit)
 - Upstream from the taper for the workzone (2 Units)
 - Both adjacent to the workzone and prior to the taper (3 Units)
- W8-1 signs shall be placed adjacent to the first rumble strip at any location. Only one set of W8-24a signs are required for any of the above configurations.
- Note C. Rumble strips may be placed upstream of the taper between the W3-5 signs and the W4-2 signs. If rumble strips are installed prior to taper, W8-1 signs shall be placed adjacent to the first strip and the W8-24a signs shall be moved to 400' after the W20-5 signs.



MEDIAN WORK AREA

(Typical for OHSS 1-95 MM 43.24_N, OHSS 1-95 MM 44.04_N, AND OHSS 1-95 MM 44.14_N)

Note A. The W20-1 and G20-2 signs are not required if the work is within a previously established work zone.



MEDIAN WORK TYPICAL
(Not to Scale)

Scale:			
No.	Revision	By	Date

Designed by:			
CONSULTANT PROJECT MANAGER: MDS			
By	Date	By	Date
Designed	MLG 11-2017	Checked	MDS 11-2017
Drawn	JAR 11-2017	In Charge of	MDS 11-2017

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**THE GOLD STAR
MEMORIAL HIGHWAY**

**MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III**

TRAFFIC CONTROL PLAN

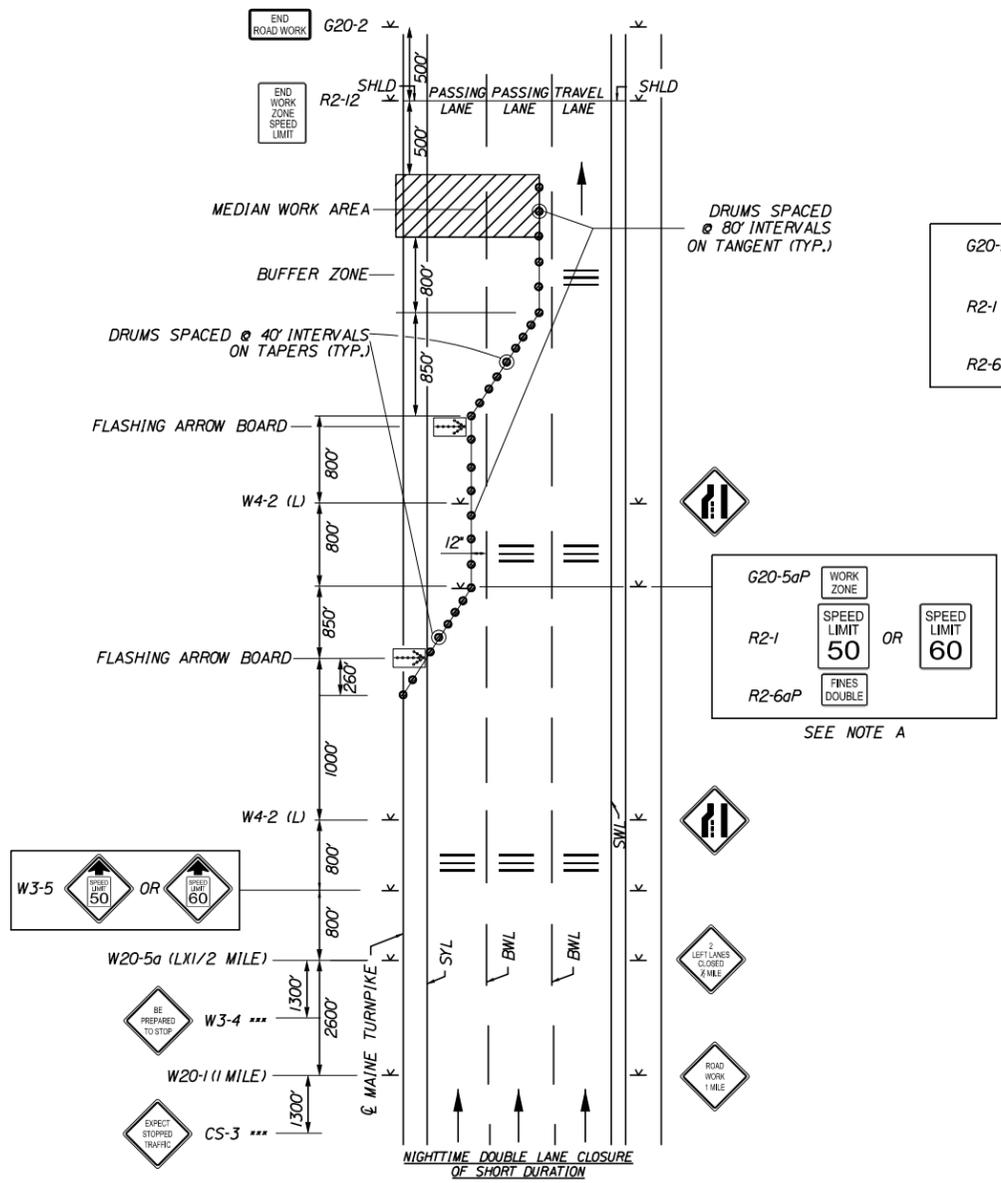
SHEET NUMBER: 10

CONTRACT: 2018.13

10 OF 101

Date: 11/28/2017

Filename: ...01_55086.03_TCP_02.dgn



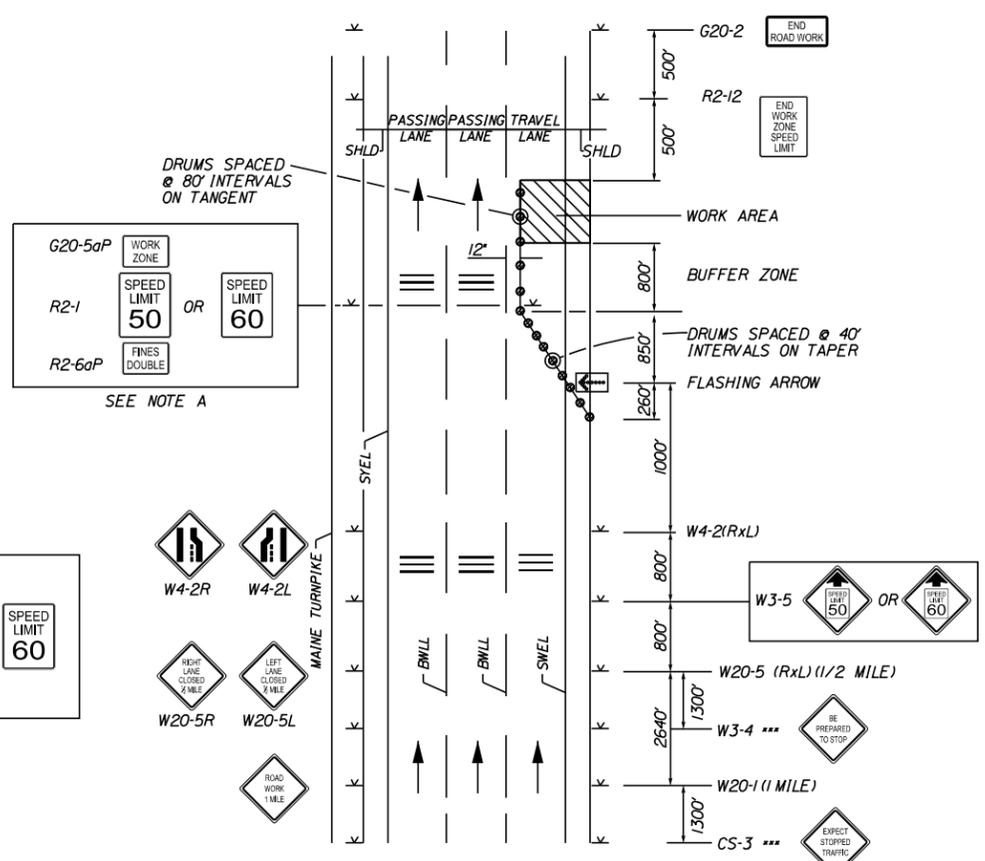
**DOUBLE LANE CLOSURE
SIGNS ON EASELS**

Note A. For easel set up only, this sign is not bracketed. One sign assembly is placed at the end of the taper. Signs may be split onto two easels.

Note B. See Single Lane Closure Details for 2-Lane Roadway for additional details associated with Temporary Portable Rumble Strips.

GENERAL NOTES

- For sign details, see construction sign summary.
- Signs designated with *** shall be used during stoppages of traffic.
- When truck mounted attenuators are included in the contract (incidental or pay item), they shall not be located in the buffer zone.
- Where the posted speed limit is 70MPH, the traffic control shall use 60MPH. Where the posted speed limit is 65MPH or less the traffic control shall use 50MPH.



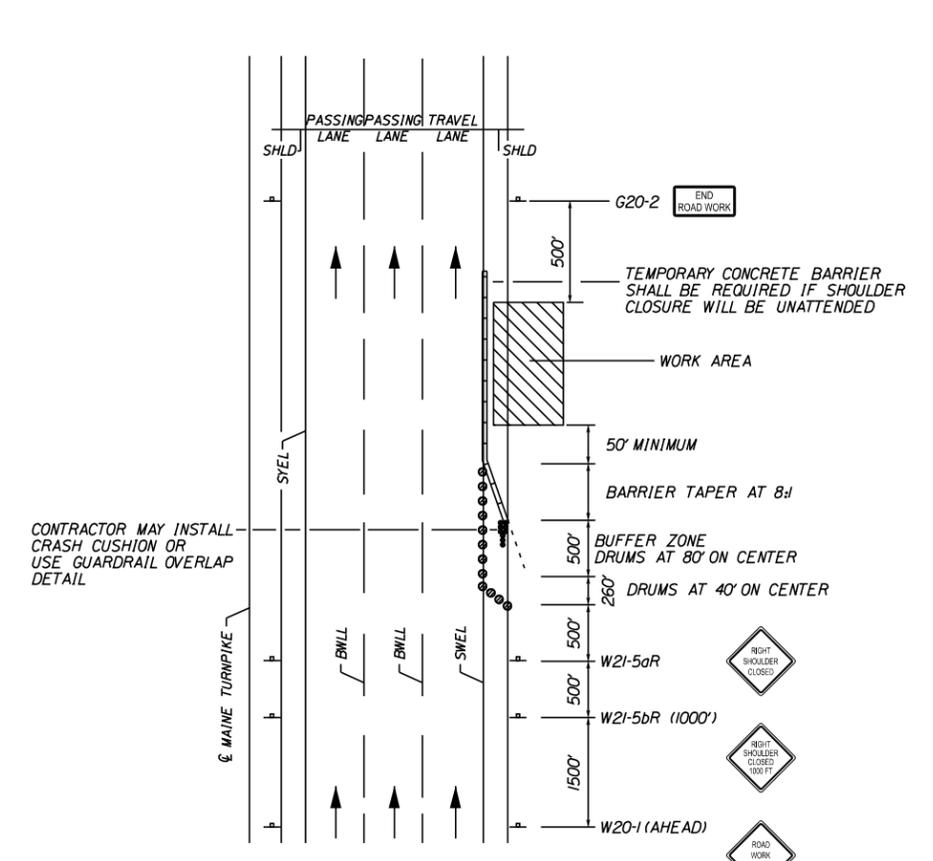
**SINGLE LANE CLOSURE
SIGNS ON EASELS**

Note A. For easel set up only, this sign is not bracketed. One sign assembly is placed at the end of the taper. Signs may be split onto two easels.

Note B. See Single Lane Closure Details for 2-Lane Roadway for additional details associated with Temporary Portable Rumble Strips.

LEGEND

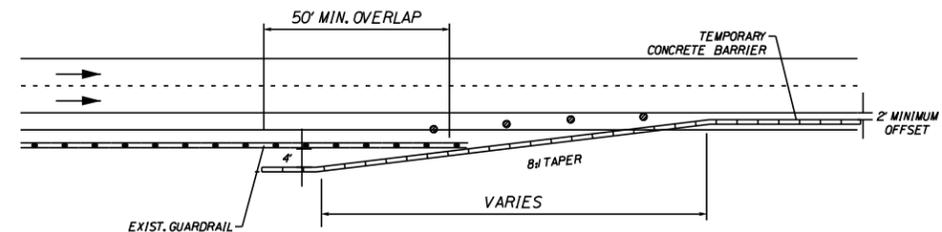
	Construction Sign on Post Support
	Construction Sign on Easel
	Drums/Channelizing Devices
	Temporary Concrete Barrier, Type 1
	Temporary Impact Attenuator
	Work Area
	Type 3 Barricade with Sign
	Type 3 Barricade



SHOULDER CLOSURE

Note A. The W20-1 and G20-2 signs are not required if the shoulder closure is within a previously established work zone.

Note B. Shoulder closure detail is valid for 2-lane and 3-lane segments.



CONCRETE BARRIER / GUARDRAIL OVERLAP DETAIL

NOTES

- Barrier ends within the highway clear zone shall be protected by a temporary impact attenuator or lapped behind guardrail.
- 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.

Scale:

No.	Revision	By	Date

Designed by:

CONSULTANT PROJECT MANAGER: MDS			
By	Date	By	Date
Designed	MLG 11-2017	Checked	MDS 11-2017
Drawn	JAR 11-2017	In Charge of	MDS 11-2017

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**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD, IV

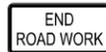
**MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III**

TRAFFIC CONTROL PLAN

SHEET NUMBER: 11
CONTRACT: 2018.13
11 OF 101

Date: 11/28/2017

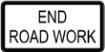
TEMPORARY LANE & ROADWAY CLOSURES

CONSTRUCTION SIGN SUMMARY				
Sign	Text Dimensions (Inches)		Size	Quantity and Color
	Letter Height	Vertical Spacing		
CS-3 	7" 7" 7"	4" 4"	48"x48"	8 - Black on Orange
G20-2 	Text Dimensions Shall Conform to "Standard Highway Signs" - 2012		48"x24"	8 - Black on Orange
G20-5aP 			36"x24"	8 - Black on Orange
R2-1(50) 			48"x60"	8 - Black on White
R2-1(60) 			48"x60"	8 - Black on White
R2-6aP 			36"x24"	8 - Black on White
R2-12 			36"x54"	8 - Black on White
W3-4 			48"x48"	8 - Black on Orange
W3-5(50) 			48"x48"	8 - Black on Orange
W3-5(60) 			48"x48"	8 - Black on Orange

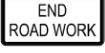
TEMPORARY LANE & ROADWAY CLOSURES

CONSTRUCTION SIGN SUMMARY				
Sign	Text Dimensions (Inches)		Size	Quantity and Color
	Letter Height	Vertical Spacing		
W4-2(L) 	Text Dimensions Shall Conform to "Standard Highway Signs" - 2012		48"x48"	8 - Black on Orange
W4-2(R) 			48"x48"	8 - Black on Orange
W8-1 			48"x48"	16 - Black on Orange
W8-24a 			48"x48"	16 - Black on Orange
W20-1 (1 MILE) 			48"x48"	8 - Black on Orange
W20-5L 			48"x48"	8 - Black on Orange
W20-5R 			48"x48"	8 - Black on Orange
W20-5a(L) 			48"x48"	2 - Black on Orange

TURNPIKE RIGHT SHOULDER CLOSURES

CONSTRUCTION SIGN SUMMARY				
Sign	Text Dimensions (Inches)		Size	Quantity and Color
	Letter Height	Vertical Spacing		
G20-2 	Text Dimensions Shall Conform to "Standard Highway Signs" - 2012		48"x24"	4 - Black on Orange
W20-1 (AHEAD) 			48"x48"	4 - Black on Orange
W21-5aR 			48"x48"	4 - Black on Orange
W21-5bR 			48"x48"	4 - Black on Orange

TURNPIKE MEDIAN SHOULDER CLOSURES

CONSTRUCTION SIGN SUMMARY				
Sign	Text Dimensions (Inches)		Size	Quantity and Color
	Letter Height	Vertical Spacing		
G20-2 	Text Dimensions Shall Conform to "Standard Highway Signs" - 2012		48"x24"	8 - Black on Orange
W20-1 (AHEAD) 			48"x48"	8 - Black on Orange
W21-5aL 			48"x48"	8 - Black on Orange
W21-5bL 			48"x48"	8 - Black on Orange

ABBREVIATIONS FOR ALL WORK ZONE PLANS

BWLL = BROKEN WHITE LANE LINE
 SWEL = SOLID WHITE EDGE LINE
 SYEL = SOLID YELLOW EDGE LINE

Filename: ... \012_55086.03_WorkZone_01.dgn

Scale:			
No.	Revision	By	Date

Designed by:					
					
CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

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**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD, IV

**MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III**

CONSTRUCTION SIGN SUMMARY

SHEET NUMBER: 12

CONTRACT: 2018.13

12 OF 101

Date: 11/27/2017

Filename: ...013_55086_03_SignSummary_01.dgn

Location ID	Size of Sign		Text	Text Dimensions (Inches)			Number of Signs Required	Color		Border Radius	Area in Square Feet	Post
	Width	Height		Letter Height	Vertical Spacing	Arrow RTE.MKR.		Back-ground	Legend Border			
GM 1-95 MM 16.95-N (6312) GM 1-95 MM 20.26-S (6296)	234"	84"		13.3/10 EM 13.3/10 EM 10.15 E	11.2" 10" 10" 11.2"		2	Brown	White	12"	136.50 (273.00)	2 - W10x22 Breakaway Posts
GM 1-95 MM 29.37-N (6265)	162"	144"		12 E 16/12 EM 16/12 EM 15.10 E	15" 12" 12" 15"	45" x 36" 36" x 36"	1	Green	White	12"	162.00 (162.00)	Mount to Existing Posts
GM 1-95 MM 29.84-N (6264) GM 1-95 MM 33.24-S (6251)	114"	90"		8 E 8 E 6 E 8.12 E	10" 7" 6" 7" 10"	19.7" x 16" 15.8" x 16"	2	Green	White	12"	71.25 (142.50)	Mount to Existing Supports with W8x18 New Upper Breakaway Posts Mount to Existing Posts
GM 1-95 MM 30.26-N (6263)	162"	144"		12 E 16/12 EM 16/12 EM 15.10 E	15" 12" 12" 15"	45" x 36" 36" x 36"	1	Green	White	12"	162.00 (162.00)	Mount to Existing Posts
GM 1-95 MM 30.62-N (6262)	132"	108"		8.12 E	8" 16.1" 14.8" 8"		1	Blue	White	8"	99.00 (99.00)	2 - W8x18 Breakaway Posts
GM 1-95 MM 30.80-N (6261)	162"	144"		12 E 16/12 EM 16/12 EM 15.10 E	15" 12" 12" 15"	45" x 36" 36" x 36"	1	Green	White	12"	162.00 (162.00)	Mount to Existing Posts
GM 1-95 MM 30.94-N (6260) GM 1-95 MM 33.47-S (6249)	174"	84"		13.3/10 EM 13.3/10 EM 10.15 E	11.2" 10" 10" 11.2"		2	Green	White	12"	101.50 (203.00)	Mount to Existing Posts
GM 1-95 MM 31.27-N (6258)	162"	156"		12 E 16/12 EM 16/12 EM	13.6" 12" 12" 12" 13.6"	45" x 36" 36" x 36" 20" x 31.5"	1	Green	White	12"	175.50 (175.50)	Mount to Existing Posts with Auxiliary Panel Supports

SHSB - Text Dimensions Shall Conform to "Standard Highway Signs Book" - 2012 Edition.

Scale:

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS			
By	Date	By	Date
Designed	MLG 11-2017	Checked	MDS 11-2017
Drawn	JAR 11-2017	In Charge of	MDS 11-2017

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**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD, IV

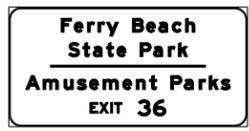
**MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III**

SIGN SUMMARY SHEET 1

SHEET NUMBER: 13
CONTRACT: 2018.13
13 OF 101

Date:11/27/2017

Filename: \\014_55086.03_SignSummary_02.dgn

Location ID	Size of Sign		Text	Text Dimensions (Inches)			Number of Signs Required	Color		Border Radius	Area in Square Feet	Post
	Width	Height		Letter Height	Vertical Spacing	Arrow RTE.MKR.		Back-ground	Legend Border			
GM 1-95 MM 31.42-N (6257) GM 1-95 MM 31.86-S (6256)	78"	60"		12 E 18 E	10" 9" 11"	18" x 28.4"	2	Green	White	6"	32.50 (65.00)	Mount to Existing Posts
GM 1-95 MM 32.07-S (6255)	162"	156"		12 E 16/12 EM 16/12 EM	13.6" 12" 12" 12" 13.6"	45" x 36" 36" x 36" 20" x 31.5"	1	Green	White	12"	175.50 (175.50)	Mount to Existing Posts
GM 1-95 MM 32.42-S (6254)	162"	144"		12 E 16/12 EM 16/12 EM 15.10 E	15" 12" 12" 12" 15"	45" x 36" 36" x 36"	1	Green	White	12"	162.00 (162.00)	Mount to Existing Posts with Auxiliary Panel Supports
SUPP 1-95 MM 32.42-S	162"	24"		8,12 E	8" 8"		1	Green	White	3"	27.00 (27.00)	Mount Below GM 1-95 MM 32.42-S
GM 1-95 MM 32.85-S (6253)	162"	144"		12 E 16/12 EM 16/12 EM 15.10 E	15" 12" 12" 12" 15"	45" x 36" 36" x 36"	1	Green	White	12"	162.00 (162.00)	Mount to Existing Posts
GM 1-95 MM 33.19-N (6252) GM 1-95 MM 37.88-S (6231)	228"	114"		13.3/10 EM 13.3/10 EM 13.3/10 EM 10,15 E	10.6" 10" 8" 8" 10" 10.5"		2	Brown	White	12"	180.50 (361.00)	2 - W12x26 Breakaway Posts
GM 1-95 MM 33.55-N (6248)	216"	114"		10 EM 13.3/10 EM 13.3/10 EM 15,10 E	10" 10" 13.7" 10" 10" 13.7"		1	Yellow/Blue	Black/White	12"	171.00 (171.00)	2 - W12x26 Breakaway Posts
GM 1-95 MM 33.66-S (6247)	108"	66"		13.3/10 EM 10,15 E	13.9" 10" 13.8"		1	Green	White	9"	49.50 (49.50)	Mount to Existing Posts with 2 - W8x18 New Upper Breakaway Posts

SHSB - Text Dimensions Shall Conform to "Standard Highway Signs Book" - 2012 Edition.

Scale:			
No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

By	Date	By	Date
Designed MLG	11-2017	Checked MDS	11-2017
Drawn JAR	11-2017	In Charge of MDS	11-2017

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**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD, IV

**MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III**

SIGN SUMMARY SHEET 2

SHEET NUMBER: 14
CONTRACT:2018.13
14 OF 101

Date: 11/27/2017

Filename: ...015_55086.03_SignSummary_03.dgn

Location ID	Size of Sign		Text	Text Dimensions (Inches)			Number of Signs Required	Color		Border Radius	Area in Square Feet	Post
	Width	Height		Letter Height	Vertical Spacing	Arrow RTE.MKR.		Back-ground	Legend Border			
GM 1-95 MM 33.90-S (6246)	162"	144"		12 E 16/12 EM 16/12 EM 15.10 E	15" 12" 12" 15"	45" x 36" 36" x 36"	1	Green	White	12"	162.00 (162.00)	2 - W12x26 Breakaway Posts
GM 1-95 MM 33.97-N (6245) GM 1-95 MM 37.70-S (6232)	114"	90"		8 E 8 E 6 E 8.12 E	10" 7" 6" 7" 10"	19.7" x 16" 15.8" x 16"	2	Green	White	12"	71.25 (142.50)	Mount to Existing Posts Mount to Existing Supports with 2 - W8x18 New Upper Breakaway Posts
GM 1-95 MM 34.34-N (6244) GM 1-95 MM 37.24-S (6233)	228"	198"		15.12 E 20/15 EM 20/15 EM 20/15 EM 18.12 E	15" 15" 15" 15" 15"	45" x 36"	2	Green	White	12"	313.50 (627.00)	Mount to Existing Posts 3 - W16x57 Posts
SUPP 1-95 MM 34.34-N	228"	24"		8.12 E	8" 8"		1	Green	White	3"	38.00 (38.00)	Mount Below GM 1-95 MM 34.34-N
GM 1-95 MM 34.62-N (6243)	216"	114"		10 EM 13.3/10 EM 13.3/10 EM 15.10 E	10" 10" 13.7" 10" 10" 13.7"		1	Yellow/Blue	Black/White	12"	171.00 (171.00)	Mount to Existing Posts
GM 1-95 MM 34.70-N (6242)	132"	114"		10 EM 13.3/10 EM 13.3/10 EM 13.3/10 EM	10" 10" 10" 10" 10.7"	18" x 20.5"	1	Yellow/Blue	Black/White	12"	104.50 (104.50)	Mount to Existing Posts with 3 Auxilliary Panel Supports Fabricator Shall Provide Sufficient Sign Post Clips for Supports and Auxilliary Panel Supports
GM 1-95 MM 34.84-N (6241)	84"	102"		8 D 8/6 E 8/6 E 8/6 E	8" 8" 8" 8" 8.1"	15" x 17.1"	1	Yellow/Blue	Black/White	9"	59.50 (59.50)	2 - W8x18 Breakaway Posts
GM 1-95 MM 35.00-N (6240) GM 1-95 MM 36.77-S (6235)	228"	198"		15.12 E 20/15 EM 20/15 EM 20/15 EM 18.12 E	15" 15" 15" 15" 15"	45" x 36"	2	Green	White	12"	313.50 (627.00)	3 - W16x57 Posts Mount to Existing Supports with 3 - W14x30 New Upper Breakaway Posts

SHSB - Text Dimensions Shall Conform to "Standard Highway Signs Book" - 2012 Edition.

Scale:			
No.	Revision	By	Date

Designed by:			
CONSULTANT PROJECT MANAGER: MDS			
By	Date	By	Date
Designed	MLG 11-2017	Checked	MDS 11-2017
Drawn	JAR 11-2017	In Charge of	MDS 11-2017

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THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD, IV

MAINE TURNPIKE GUIDE SIGN MODIFICATIONS, PHASE III

SIGN SUMMARY SHEET 3

SHEET NUMBER: 15
CONTRACT: 2018.13
15 OF 101

Date:11/27/2017

Filename: \\016_55086_03_SignSummary_04.dgn

Location ID	Size of Sign		Text	Text Dimensions (Inches)			Number of Signs Required	Color		Border Radius	Area in Square Feet	Post
	Width	Height		Letter Height	Vertical Spacing	Arrow RTE.MKR.		Back-ground	Legend Border			
GM 1-95 MM 35.51_N (6239) GM 1-95 MM 36.03_S (6237)	78"	60"		12 E 18 E	10" 9" 11"	18" x 28.4"	2	Green	White	6"	32.50 (65.00)	Mount to Existing Posts
OHSS 1-195 OFF RAMP TO 1-95 (6363)	192"	126"		15.12 E 16/12 EM	14.7" 12" 12" 14.7"	36" x 36" 36" x 36" 30" x 20.6"	1	Green	White	12"	168.00 (168.00)	Mount to Existing Overhead Sign Structure
OHSS 1-195 OFF RAMP TO 1-95 (6364)	192"	126"		15.12 E 16/12 EM	12.6" 12" 12" 12.6"	36" x 36" 36" x 36" 20" x 31.5"	1	Green	White	12"	168.00 (168.00)	Mount to Existing Overhead Sign Structure
GM 1-95 MM 36.16_S (6236)	228"	216"		15.12 E 20/15 EM 20/15 EM 20/15 EM	17.6" 15" 15" 15" 15" 17.6"	45" x 36" 20" x 31.5"	1	Green	White	12"	342.00 (342.00)	Mount to Existing Posts
GM 1-95 MM 38.10_S (6230)	228"	198"		15.12 E 20/15 EM 20/15 EM 20/15 EM 18.12 E	15" 15" 15" 15" 15"	45" x 36"	1	Green	White	12"	313.50 (313.50)	3 - W16x57 Posts
GM 1-95 MM 40.15_N (6227)	192"	144"		10 E 16/12 EM 16/12 EM 15.10 E	15" 12" 12" 12" 15"	36" x 36" 45" x 36"	1	Green	White	12"	192.00 (192.00)	2 - W14x30 Breakaway Posts

SHSB - Text Dimensions Shall Conform to "Standard Highway Signs Book" - 2012 Edition.

Scale:			
No.	Revision	By	Date

Designed by:			
CONSULTANT PROJECT MANAGER: MDS			
	By	Date	
Designed	MLG	11-2017	Checked MDS 11-2017
Drawn	JAR	11-2017	In Charge of MDS 11-2017

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**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD, IV

**MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III**

SIGN SUMMARY SHEET 4

CONTRACT:2018.13

SHEET NUMBER: 16

16 OF 101

Date: 11/27/2017

Location ID	Size of Sign		Text	Text Dimensions (Inches)			Number of Signs Required	Color		Border Radius	Area in Square Feet	Post
	Width	Height		Letter Height	Vertical Spacing	Arrow RTE.MKR.		Back-ground	Legend Border			
GM 1-95 MM 40.15-S (6226)	216"	84"		13.3/10 D 13.3/10 D 13.3/10 D	12.05" 10" 10" 12.05"		1	Green	White	12"	126.00 (126.00)	2 - W10x22 Breakaway Posts
GM 1-95 MM 40.28-N (6225)	234"	114"		13.3/10 EM 13.3/10 EM 10.67/8 E 10.12 E 10.67/8 E 10.12 E	13.9" 10" 7.8" 8.8" 11" 13.9"		1	Green	White	12"	185.25 (182.25)	Mount to Existing Posts with 2 - W12x26 New Lower Breakaway Posts
GM 1-95 MM 40.72-N (6224)	138"	84"		13.3/10 EM 13.3/10 EM 10.15 E	11.2" 10" 10" 11.2"		1	Brown	White	12"	80.50 (80.50)	2 - W10x22 Breakaway Posts
GM 1-95 MM 41.24-N (6222) GM 1-95 MM 44.14-S (6206)	192"	144"		10 E 16/12 EM 16/12 EM 15.10 E	15" 12" 12" 15"	36" x 36" 45" x 36"	2	Green	White	12"	192.00 (384.00)	2 - W14x30 Breakaway Posts
GM 1-95 MM 42.03-N (6221) GM 1-95 MM 43.29-S (6212)	192"	144"		10 E 16/12 EM 16/12 EM 15.10 E	15" 12" 12" 15"	36" x 36" 45" x 36"	2	Green	White	12"	192.00 (384.00)	2 - W14x30 Breakaway Posts
GM 1-95 MM 42.22-N (6220) GM 1-95 MM 50.54-S (6155)	102"	114"		10.15 E 10 E 10 E	10.5" 8" 8" 8" 10.5"	23.5" x 24"	2	Green	White	12"	80.75 (161.50)	Mount to Existing Support with 2 - W14x30 New Upper Breakaway Posts Mount to Existing Posts
GM 1-95 MM 42.32-N (6219) GM 1-95 MM 42.92-S (6215)	192"	156"		10 E 16/12 EM 16/12 EM	13.6" 12" 12" 13.6"	36" x 36" 45" x 36" 20" x 31.5"	2	Green	White	12"	208.00 (416.00)	2 - W14x30 Breakaway Posts

SHSB - Text Dimensions Shall Conform to "Standard Highway Signs Book" - 2012 Edition.

Scale:

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS			
By	Date	By	Date
Designed MLG	11-2017	Checked MDS	11-2017
Drawn JAR	11-2017	In Charge of MDS	11-2017

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**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD, IV

**MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III**

SIGN SUMMARY SHEET 5

SHEET NUMBER: 17
CONTRACT: 2018.13
17 OF 101

Filename: ...017_55086_03_SignSummary_05.dgn

Date:12/15/2017

Filename: \\018_55086_03_SignSummary_06.dgn

Location ID	Size of Sign		Text	Text Dimensions (Inches)			Number of Signs Required	Color		Border Radius	Area in Square Feet	Post
	Width	Height		Letter Height	Vertical Spacing	Arrow RTE.MKR.		Back-ground	Legend Border			
GM 1-95 MM 42.41-N (6218) GM 1-95 MM 42.82-S (6216)	78"	60"		12 E 18 E	10" 9" 11"	18" x 28.4"	2	Green	White	6"	32.50 (65.00)	1 - W8x24 Breakaway Post Mount to Existing Post
GM 1-95 MM 42.61-N (6217)	228"	144"		10 E 16/12 EM 16/12 EM 15, 10 E	15" 12" 12" 15"	36" x 36" 45" x 36"	1	Green	White	12"	228.00 (228.00)	3 - W12x26 Breakaway Post
OHSS 1-95 MM 43.24-N (6213)	510"	252"		18,15 E 20/15 EM 20/15 EM 18,12 E	18" 15" 15" 12" 20" 18"	48" x 48" 48" x 48" 60" x 48" 21.6" x 72" 59.3" x 72" 38.4" x 48" 60" x 18" 60" x 18"	1	Green	White	12"	892.5 (892.5)	Mount to New Overhead Sign Structure
OHSS 1-95 MM 43.60-NL (6210)	204"	132"		10, 8 E 13.3/10 EM/12 E 13.3/10 EM/12 E 13.3/10 EM/12 E	13.8" 20.5" 10" 10" 13.8"	24" x 24" 24" x 24"	1	Green	White	12"	187.00 (187.00)	Mount to Existing Overhead Sign Structure
OHSS 1-95 MM 43.60-NR (6209)	228"	144"		10 E 16/12 EM 16/12 EM 15,10 E	15" 12" 12" 15"	36" x 36" 45" x 36"	1	Green	White	12"	228.00 (228.00)	Mount to Existing Overhead Sign Structure
OHSS 1-95 MM 44.04-N (6208) OHSS 1-95 MM 44.14-N (6207)	510"	252"		18,15 E 20/15 EM 20/15 EM	18" 15" 15" 26" 18"	48" x 48" 48" x 48" 60" x 48" 21.6" x 72" 59.3" x 72" 38.4" x 48" 60" x 18" 60" x 18"	2	Green	White	12"	892.5 (1785.00)	Mount to New Overhead Sign Structure
GM 1-95 MM 44.26-N (6205)	78"	60"		12 E 18 E	10" 9" 11"	18" x 28.4"	1	Green	White	6"	32.50 (32.50)	Mount to Existing Post

SHSB - Text Dimensions Shall Conform to "Standard Highway Signs Book" - 2012 Edition.

Scale:			
No.	Revision	By	Date

Designed by:			
CONSULTANT PROJECT MANAGER: MDS			
	By	Date	
Designed	MLG	11-2017	Checked MDS 11-2017
Drawn	JAR	11-2017	In Charge of MDS 11-2017

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THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD, IV

MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III

SIGN SUMMARY SHEET 6

SHEET NUMBER: 18
CONTRACT:2018.13

Date: 11/27/2017

Filename: ...019_55086_03_SignSummary_07.dgn

Location ID	Size of Sign		Text	Text Dimensions (Inches)			Number of Signs Required	Color		Border Radius	Area in Square Feet	Post
	Width	Height		Letter Height	Vertical Spacing	Arrow RTE.MKR.		Back-ground	Legend Border			
OHSS 1-95 MM 44.35_N (6204)	228"	144"		10 E 16/12 EM 16/12 EM 15.10 E	15" 12" 12" 12" 12.5"	36" x 36" 45" x 36"	1	Green	White	12"	228.00 (228.00)	Mount to New Bridge Overpass Sign Support
GM 1-95 MM 45.48_S (6192)	228"	144"		10 E 16/12 EM 16/12 EM 15.10 E	15" 12" 12" 12" 12.5"	45" x 36" 36" x 36" 45" x 36"	1	Green	White	12"	228.00 (228.00)	Mount to Existing Supports with 3 - W12x26 New Upper Breakaway Posts
GM 1-95 MM 45.94_S (6189)	126"	102"		13.3/10 EM 8 EM 10.15 E	14.9" 10" 10" 14.8"	30" x 24" 24" x 24"	1	Green	White	12"	89.25 (89.25)	Mount to Existing Posts with 2 Auxiliary Panel Supports
GM 1-95 MM 46.19_S (6186)	228"	144"		10 E 16/12 EM 16/12 EM 15.10 E	15" 12" 12" 12" 12.5"	45" x 36" 36" x 36" 45" x 36"	1	Green	White	12"	228.00 (228.00)	Mount to Existing Posts
GM 1-95 MM 50.39_S (6156)	234"	114"		13.3/10 EM 13.3/10 EM 10.67/8 E 10.12 E 10.67/8 E 10.12 E	13.9" 10" 7.8" 8.8" 11" 13.9"		1	Green	White	12"	185.25 (185.25)	Mount to Existing Posts

SHSB - Text Dimensions Shall Conform to "Standard Highway Signs Book" - 2012 Edition.

Scale:			
No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS			
By	Date	By	Date
Designed MLG	11-2017	Checked MDS	11-2017
Drawn JAR	11-2017	In Charge of MDS	11-2017

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THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD, IV

**MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III**

SIGN SUMMARY SHEET 7

SHEET NUMBER: 19
CONTRACT: 2018.13
19 OF 101

Date: 11/27/2017

Filename: ...020_55086_03_SignSummary_08.dgn

Location ID	Size of Sign		Text	Text Dimensions (Inches)			Number of Signs Required	Color		Border Radius	Area in Square Feet	Post
	Width	Height		Letter Height	Vertical Spacing	Arrow RTE.MKR.		Back-ground	Legend Border			
EI-5P(32)	114"	30"		10.15 E	7.5" 7.5"		8	Green	White	3"	23.75 (190.00)	Mount to top right of GM 1-95 MM 29.37_N GM 1-95 MM 30.26_N GM 1-95 MM 30.80_N GM 1-95 MM 31.27_N GM 1-95 MM 32.07_S GM 1-95 MM 32.42_S GM 1-95 MM 32.85_S GM 1-95 MM 33.90_S
EI-5P(36)	114"	30"		10.15 E	7.5" 7.5"		6	Green	White	3"	23.75 (142.50)	Mount to top right of GM 1-95 MM 34.34_N GM 1-95 MM 35.00_N GM 1-95 MM 36.16_S GM 1-95 MM 36.77_S GM 1-95 MM 37.24_S GM 1-95 MM 38.10_S
EI-5P(42)	114"	30"		10.15 E	7.5" 7.5"		7	Green	White	3"	23.75 (166.25)	Mount to top right of GM 1-95 MM 40.15_N GM 1-95 MM 41.24_N GM 1-95 MM 42.03_N GM 1-95 MM 42.32_N GM 1-95 MM 42.92_S GM 1-95 MM 43.29_S GM 1-95 MM 44.14_S
EI-5P(44)	114"	30"		10.15 E	7.5" 7.5"		3	Green	White	3"	23.75 (71.25)	Mount to top right of OHSS 1-95 MM 43.24_N OHSS 1-95 MM 44.04_N OHSS 1-95 MM 44.14_N
EI-5P(45)	114"	30"		10.15 E	7.5" 7.5"		5	Green	White	3"	23.75 (118.75)	Mount to top right of GM 1-95 MM 42.61_N OHSS 1-95 MM 43.60_NR OHSS 1-95 MM 44.35_N GM 1-95 MM 45.48_S GM 1-95 MM 46.19_S
OL-1 MM 44.62_N OL-2 MM 45.09_S	198"	96"		16/12 EM 16/12 EM	7.6" 12" 12" 7.6"	20" x 31.5"	2	Green	White	0"	132.00 (264.00)	Sheet Aluminum Overlay (3 Panels 5.5' x 8')

SHSB - Text Dimensions Shall Conform to "Standard Highway Signs Book" - 2012 Edition.

Scale:

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS					
By	Date	By	Date	By	Date
Designed	MLG 11-2017	Checked	MDS 11-2017		
Drawn	JAR 11-2017	In Charge of	MDS 11-2017		

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**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD, IV

**MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III
SIGN SUMMARY SHEET 8**

SHEET NUMBER: 20
CONTRACT: 2018.13
20 OF 101

Date: 11/28/2017

Filename: ...021_55086_03_SignSummary_09.dgn

Location ID	Size of Sign		Text	Text Dimensions (Inches)			Number of Signs Required	Color		Border Radius	Area in Square Feet	Post
	Width	Height		Letter Height	Vertical Spacing	Arrow RTE.MKR.		Back-ground	Legend Border			
D9-2	30"	30"		25 EM	2.5" 2.5"		1	Blue	White	1.875	6.25 (6.25)	Mount below GM 1-95 MM 45.94_S
D9-3a	30"	30"					2	Blue	White	1.875	6.25 (12.50)	Mount below GM 1-95 MM 35.00_N GM 1-95 MM 36.77_S
D9-7	30"	30"					2	Blue	White	1.875	6.25 (12.50)	Mount below GM 1-95 MM 42.03_N GM 1-95 MM 43.29_S
D9-8	30"	30"					3	Blue	White	1.875	6.25 (18.75)	Mount below GM 1-95 MM 42.03_N GM 1-95 MM 43.29_S GM 1-95 MM 45.48_S
D9-9	30"	30"					5	Blue	White	1.875	6.25 (31.25)	Mount below GM 1-95 MM 35.00_N GM 1-95 MM 36.77_S GM 1-95 MM 42.03_N GM 1-95 MM 43.29_S GM 1-95 MM 45.48_S
D9-11	30"	30"					3	Blue	White	1.875	6.25 (18.75)	Mount below GM 1-95 MM 35.00_N GM 1-95 MM 36.77_S GM 1-95 MM 45.48_S
W9-2	60	60		8C 8C 8C	6" 6"		1	Fluorescent Yellow	Black	3.00	25.00 (25.00)	Mount to existing overhead sign structure
PARK-RIDE SYMBOL	30"	30"					1	Green	White	1.875	6.25 (6.25)	Mount below GM 1-95 MM 45.94_S

SHSB - Text Dimensions Shall Conform to "Standard Highway Signs Book" - 2012 Edition.

Scale:			
No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS			
By	Date	By	Date
Designed	MLG 11-2017	Checked	MDS 11-2017
Drawn	JAR 11-2017	In Charge of	MDS 11-2017

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THE GOLD STAR MEMORIAL HIGHWAY

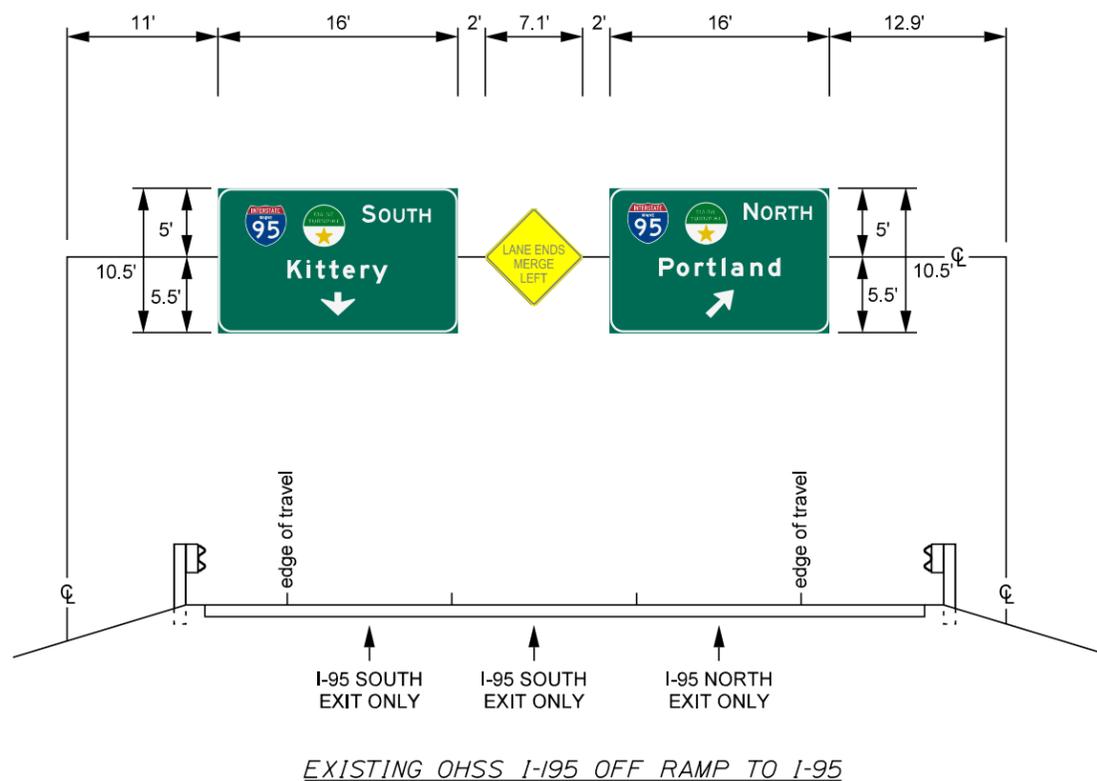
MTA PROJECT MANAGER: R. NORWOOD, IV

MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III
SIGN SUMMARY SHEET 9

SHEET NUMBER: 21
CONTRACT: 2018.13
21 OF 101

Date: 11/28/2017

Filename: ... \022_55086_03_OverheadSignStructure_01.dwg



Scale:

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

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**THE GOLD STAR
 MEMORIAL HIGHWAY**

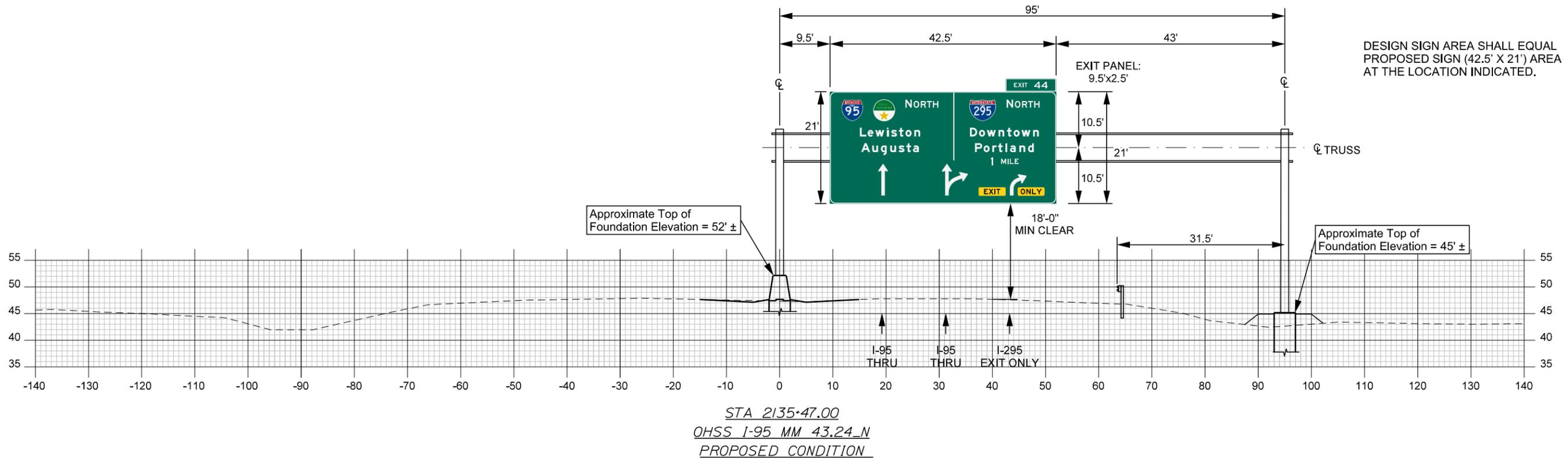
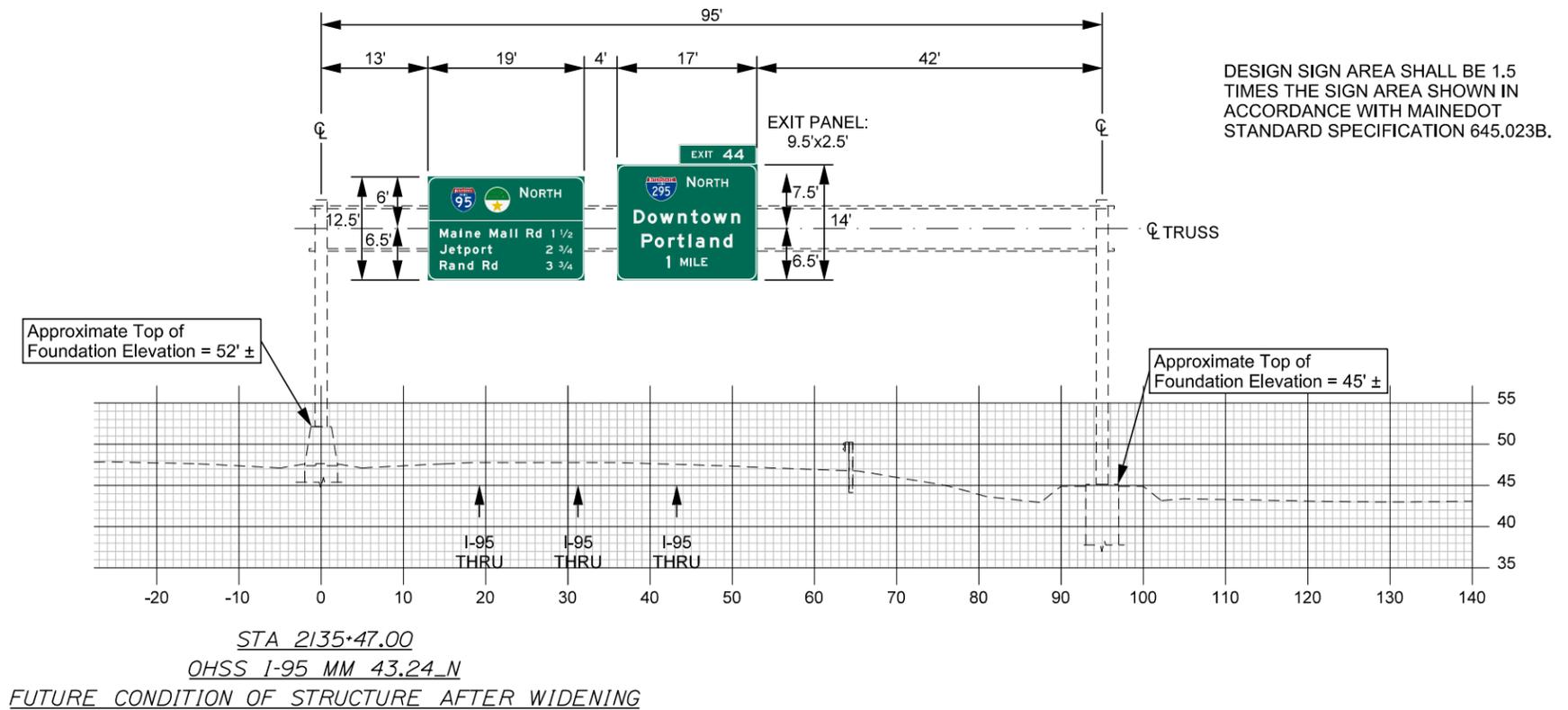
MTA PROJECT MANAGER: R. NORWOOD, IV

**MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE III
 OVERHEAD SIGN STRUCTURES
 (1 OF 5)**

SHEET NUMBER: 22
 CONTRACT: 2018.13
 22 OF 101

NOTES:

1. CROSS-SECTION PROVIDED BY THE MAINE TURNPIKE AUTHORITY FROM THE PRELIMINARY TURNPIKE WIDENING DESIGN.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEYING THE EXISTING ROADWAY, MEDIAN AND FOUNDATION LOCATIONS TO VERIFY ELEVATIONS BEFORE DEVELOPING STRUCTURAL SHOP DRAWINGS FOR FABRICATION AND CONSTRUCTING THE FOOTING. IF THE ACTUAL GROUND ELEVATIONS DIFFER MORE THAN 1'-0", THE ENGINEER SHALL BE CONTACTED TO VERIFY THE ADEQUACY OF THE FOOTING DESIGN.
3. THE PROPOSED SIGN SHALL BE LOCATED 9.5 FEET FROM THE LEFT SUPPORT AND 43 FEET FROM THE RIGHT SUPPORT UNDER THE EXISTING THREE LANE CONDITION. ARROWS SHALL BE CENTERED OVER THE TRAVEL LANES.
4. WHEN THE TURNPIKE IS WIDENED NORTH OF THIS LOCATION, THE SIGN SHALL BE REPLACED WITH A DESTINATION SEQUENCE SIGN AND AN ADVANCED GUIDE SIGN AS SHOWN IN THE FUTURE CONDITION DIAGRAM.
5. THE OVERHEAD SIGN STRUCTURE SHALL BE DESIGNED FOR THE WORST CASE OF THE FOLLOWING LOADING CONDITIONS:
 - a. THE PROPOSED CONDITION WITH THE DESIGN SIGN AREA EQUAL TO THE ACTUAL SIGN AREA (917 SF)
 - b. THE FUTURE CONDITION AFTER WIDENING WITH THE DESIGN SIGN AREA EQUAL TO 1.5 TIMES THE ACTUAL SIGN AREA AS SPECIFIED IN MAINEDOT STANDARD SPECIFICATION 645.623. (357 SF AND 393 SF)
6. SEE DETAIL SHEETS FOR ADDITIONAL INFORMATION ON THE MEDIAN PAVING TYPICAL SECTION.
7. SEE THE OVERHEAD SIGN STRUCTURE FOUNDATION DETAILS SHEETS FOR FOUNDATION DETAILS AND ADDITIONAL OVERHEAD SIGN STRUCTURE DESIGN REQUIREMENTS.



Date: 12/18/2017

Filename: ...023_55086_03_OverheadSignStructure_02.dgn

Scale:			
No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

By	Date	By	Date
Designed	MLG 11-2017	Checked	MDS 11-2017
Drawn	JAR 11-2017	In Charge of	MDS 11-2017

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THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD, IV

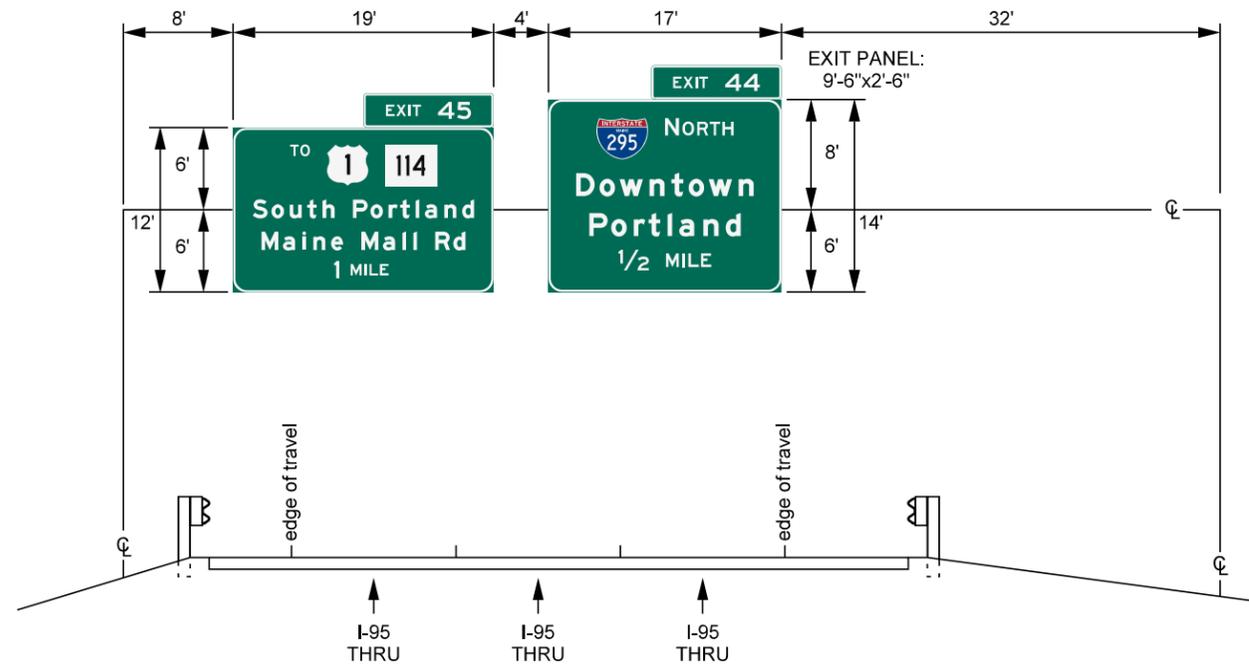
MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III
OVERHEAD SIGN STRUCTURES
 (2 OF 5)

SHEET NUMBER: 23
 23 OF 101

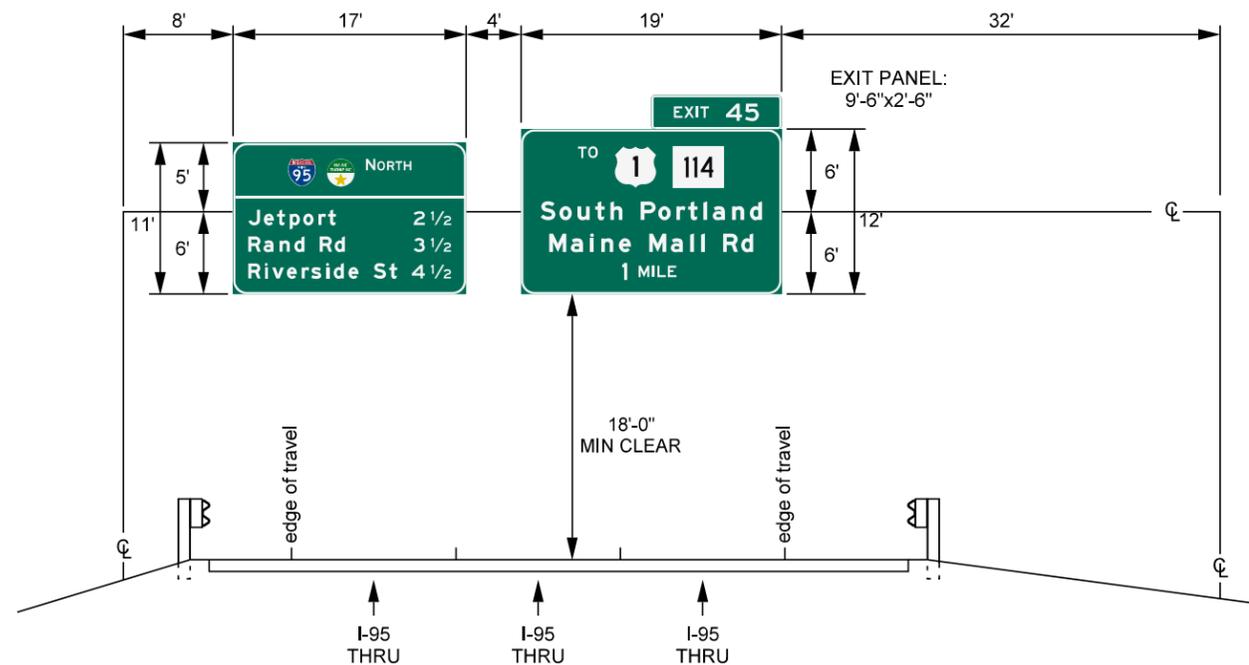
CONTRACT: 2018.13

NOTES:

1. FUTURE CONDITION SIGN LAYOUT SHOWN FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR SHALL ONLY FURNISH AND INSTALL SIGNS IN ACCORDANCE WITH THE PROPOSED CONDITION LAYOUT



FUTURE CONDITION OF SIGN AFTER WIDENING
OHSS I-95 MM 43.60-N



PROPOSED CONDITION
OHSS I-95 MM 43.60-N
EXISTING SIGN STRUCTURE

Date: 12/18/2017

Filename: ... \024_55086_03_OverheadSignStructure_03.dgn

Scale:			
No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS			
By	Date	By	Date
Designed	MLG 11-2017	Checked	MDS 11-2017
Drawn	JAR 11-2017	In Charge of	MDS 11-2017

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**THE GOLD STAR
MEMORIAL HIGHWAY**

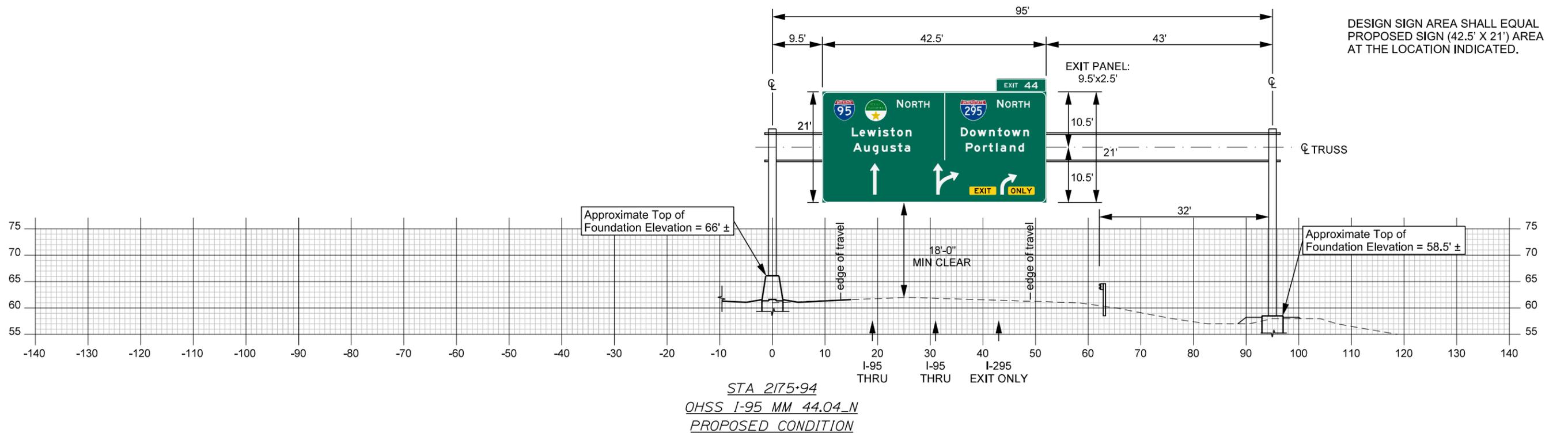
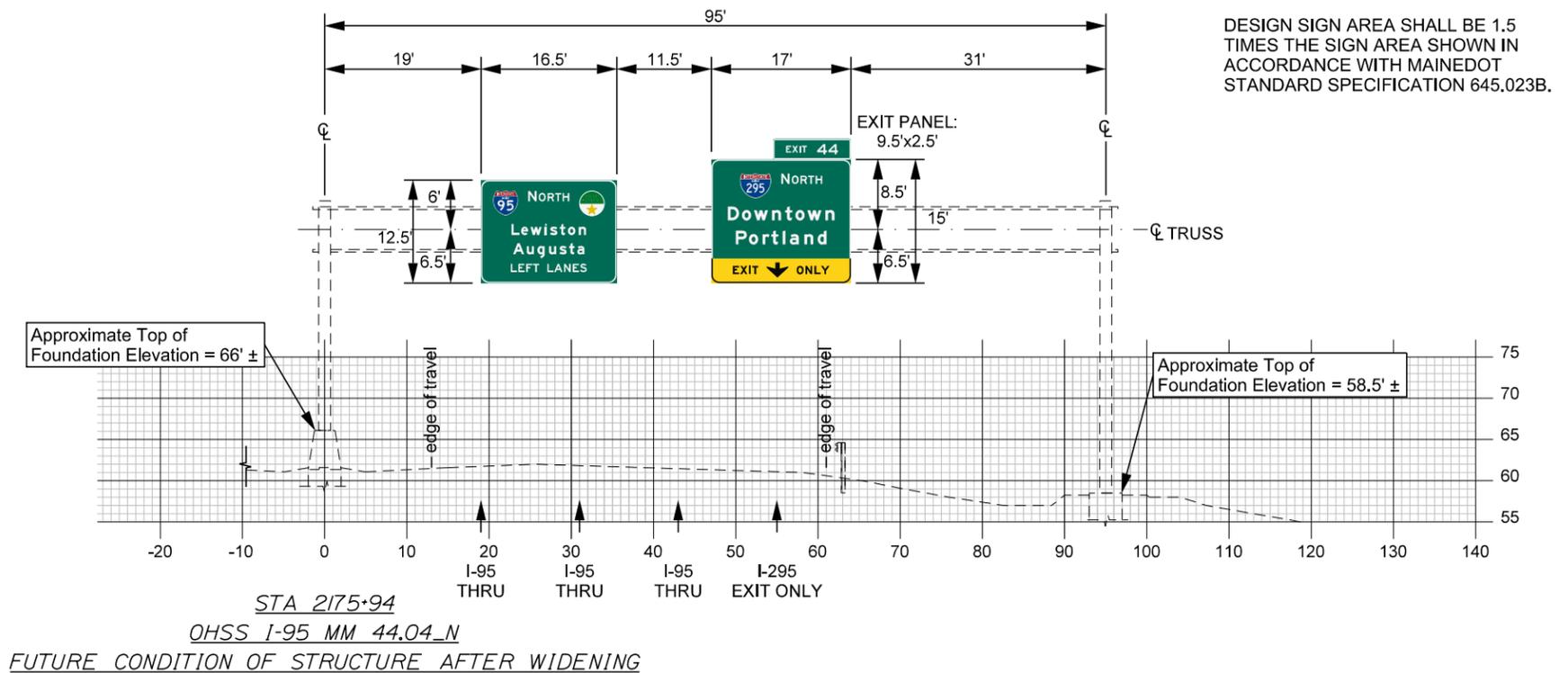
MTA PROJECT MANAGER: R. NORWOOD, IV

**MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III
OVERHEAD SIGN STRUCTURES
(3 OF 5)**

SHEET NUMBER: 24
CONTRACT: 2018.13
24 OF 101

NOTES:

- CROSS-SECTION PROVIDED BY THE MAINE TURNPIKE AUTHORITY FROM THE PRELIMINARY TURNPIKE WIDENING DESIGN.
- CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEYING THE EXISTING ROADWAY, MEDIAN AND FOUNDATION LOCATIONS TO VERIFY ELEVATIONS BEFORE DEVELOPING STRUCTURAL SHOP DRAWINGS FOR FABRICATION AND CONSTRUCTING THE FOOTING. IF THE ACTUAL GROUND ELEVATIONS DIFFER MORE THAN 1'-0", THE ENGINEER SHALL BE CONTACTED TO VERIFY THE ADEQUACY OF THE FOOTING DESIGN.
- THE PROPOSED SIGN SHALL BE LOCATED 9.5 FEET FROM THE LEFT SUPPORT AND 43 FEET FROM THE RIGHT SUPPORT UNDER THE EXISTING THREE LANE CONDITION. ARROWS SHALL BE CENTERED OVER THE TRAVEL LANES.
- WHEN THE TURNPIKE IS WIDENED, THE SIGN SHALL BE REPLACED WITH A PULL THROUGH SIGN AND AN EXIT ONLY GUIDE SIGN AS SHOWN IN THE FUTURE CONDITION DIAGRAM.
- THE OVERHEAD SIGN STRUCTURE SHALL BE DESIGNED FOR THE WORST CASE OF THE FOLLOWING LOADING CONDITIONS:
 - THE PROPOSED CONDITION WITH THE DESIGN SIGN AREA EQUAL TO THE ACTUAL SIGN AREA (917 SF)
 - THE FUTURE CONDITION AFTER WIDENING WITH THE DESIGN SIGN AREA EQUAL TO 1.5 TIMES THE ACTUAL SIGN AREA AS SPECIFIED IN MAINEDOT STANDARD SPECIFICATION 645.623. (310 SF AND 419 SF)
- SEE DETAIL SHEETS FOR ADDITIONAL INFORMATION ON THE MEDIAN PAVING TYPICAL SECTION.
- SEE THE OVERHEAD SIGN STRUCTURE FOUNDATION DETAILS SHEETS FOR FOUNDATION DETAILS AND ADDITIONAL OVERHEAD SIGN STRUCTURE DESIGN REQUIREMENTS.



Date: 12/18/2017

Filename: ...025_55086_03_OverheadSignStructure_04.dwg

Scale:

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

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THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD, IV

**MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III
OVERHEAD SIGN STRUCTURES
(4 OF 5)**

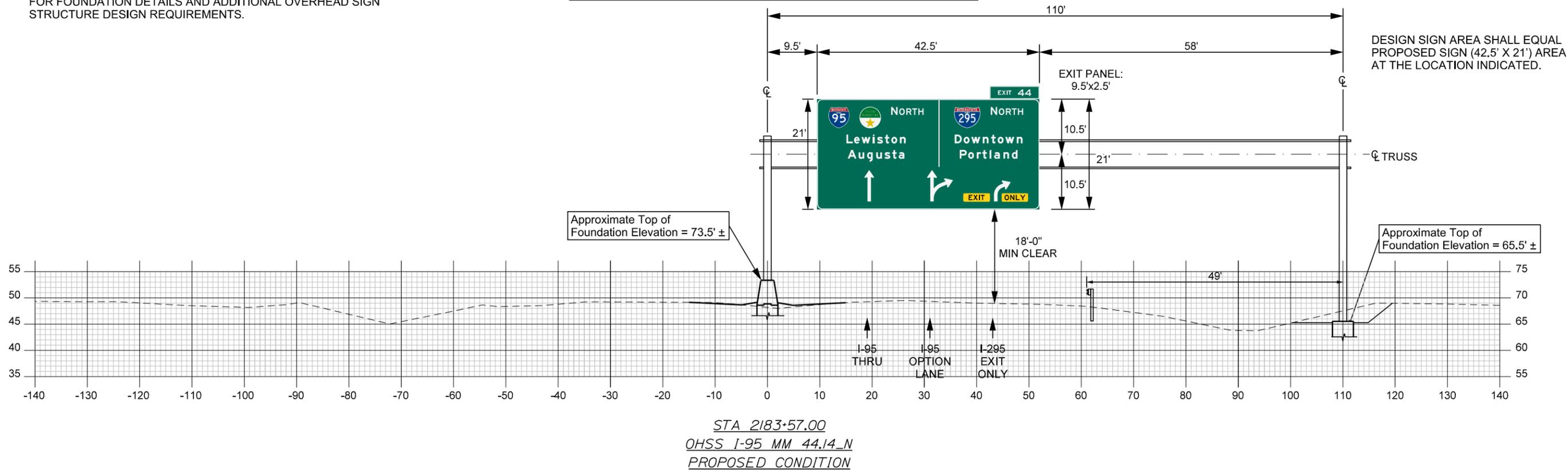
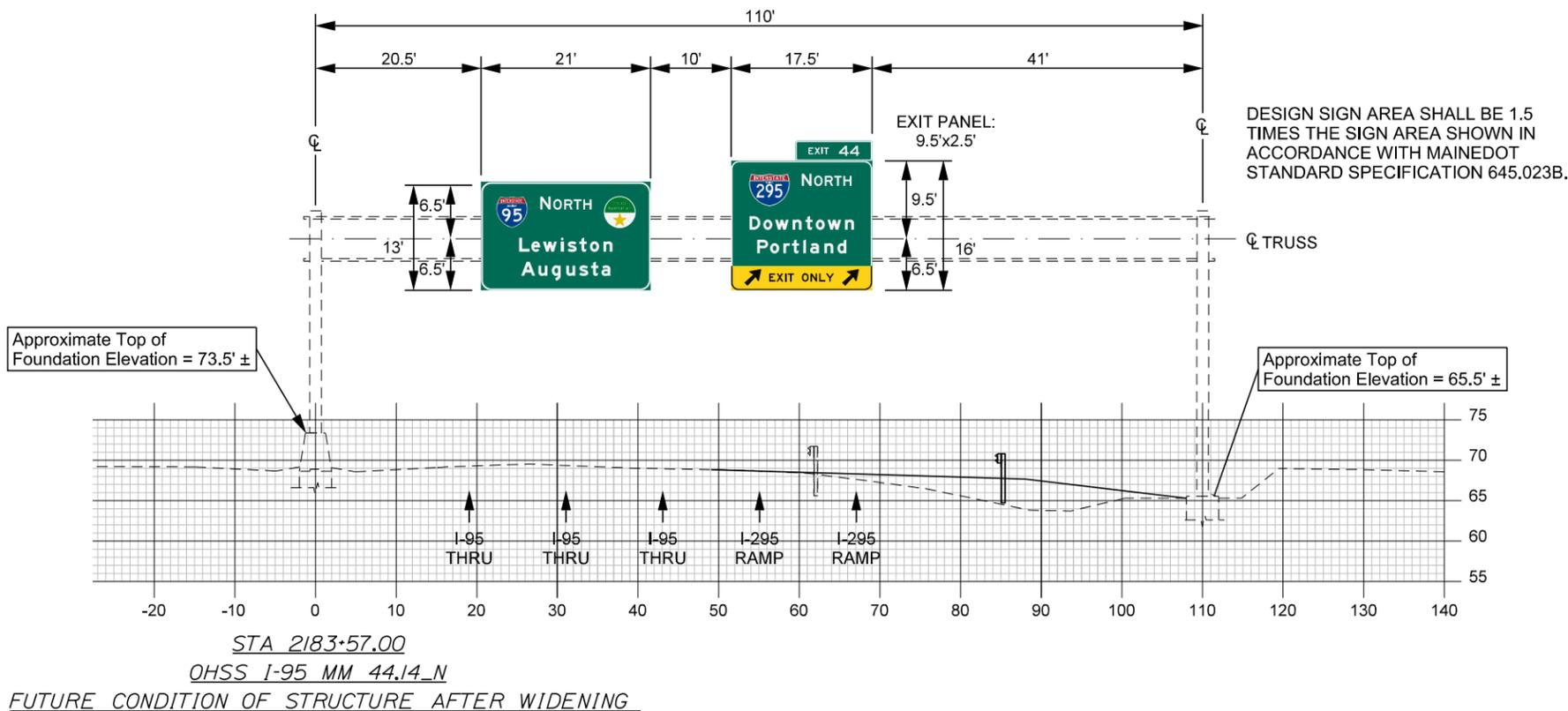
SHEET NUMBER: 25
25 OF 101

CONTRACT: 2018.13

Date: 12/18/2017

NOTES:

1. CROSS-SECTION PROVIDED BY THE MAINE TURNPIKE AUTHORITY FROM THE PRELIMINARY TURNPIKE WIDENING DESIGN.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEYING THE EXISTING ROADWAY, MEDIAN AND FOUNDATION LOCATIONS TO VERIFY ELEVATIONS BEFORE DEVELOPING STRUCTURAL SHOP DRAWINGS FOR FABRICATION AND CONSTRUCTING THE FOOTING. IF THE ACTUAL GROUND ELEVATIONS DIFFER MORE THAN 1'-0", THE ENGINEER SHALL BE CONTACTED TO VERIFY THE ADEQUACY OF THE FOOTING DESIGN.
3. THE PROPOSED SIGN SHALL BE LOCATED 9.5 FEET FROM THE LEFT SUPPORT AND 58 FEET FROM THE RIGHT SUPPORT UNDER THE EXISTING THREE LANE CONDITION. ARROWS SHALL BE CENTERED OVER THE TRAVEL LANES.
4. WHEN THE TURNPIKE IS WIDENED, THE SIGN SHALL BE REPLACED WITH A PULL THROUGH SIGN AND AN EXIT ONLY GUIDE SIGN AS SHOWN IN THE FUTURE CONDITION DIAGRAM.
5. THE OVERHEAD SIGN STRUCTURE SHALL BE DESIGNED FOR THE WORST CASE OF THE FOLLOWING LOADING CONDITIONS:
 - a. THE PROPOSED CONDITION WITH THE DESIGN SIGN AREA EQUAL TO THE ACTUAL SIGN AREA (917 SF)
 - b. THE FUTURE CONDITION AFTER WIDENING WITH THE DESIGN SIGN AREA EQUAL TO 1.5 TIMES THE ACTUAL SIGN AREA AS SPECIFIED IN MAINEDOT STANDARD SPECIFICATION 645.623. (410 SF AND 456 SF)
6. SEE DETAIL SHEETS FOR ADDITIONAL INFORMATION ON THE MEDIAN PAVING TYPICAL SECTION.
7. SEE THE OVERHEAD SIGN STRUCTURE FOUNDATION DETAILS SHEETS FOR FOUNDATION DETAILS AND ADDITIONAL OVERHEAD SIGN STRUCTURE DESIGN REQUIREMENTS.



Scale:

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

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**THE GOLD STAR
 MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD, IV

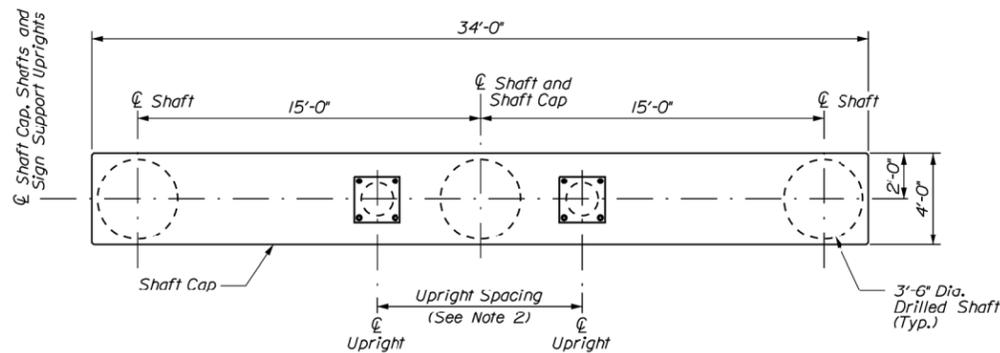
**MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE III
 OVERHEAD SIGN STRUCTURES
 (5 OF 5)**

SHEET NUMBER: 26
26 OF 101

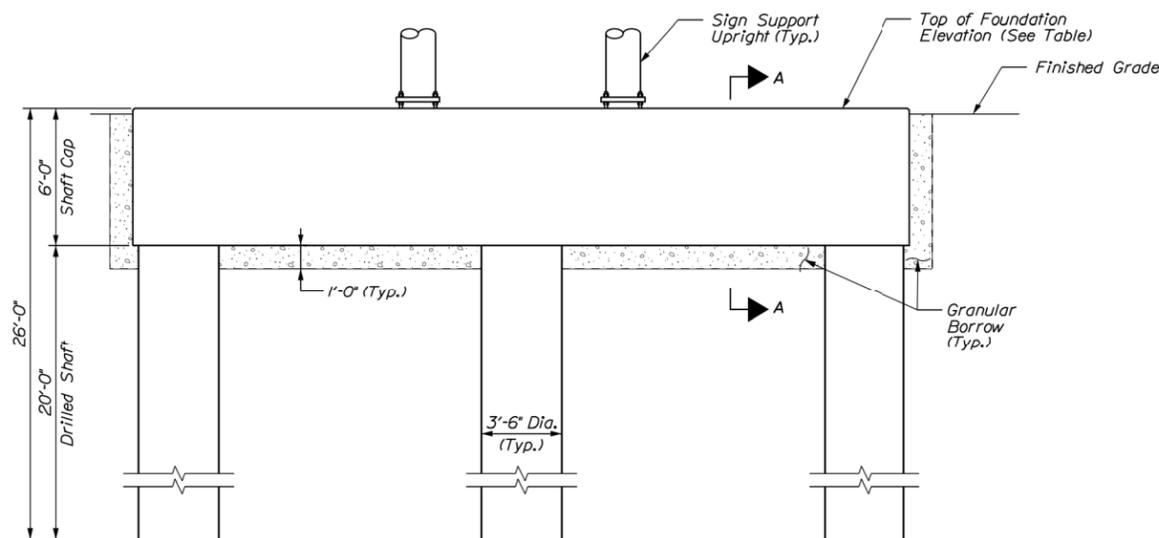
CONTRACT: 2018.13

Date: 11/28/2017

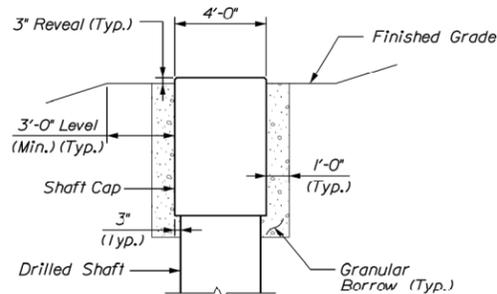
Filename: ...027_55086.03_FoundationDetail_01.dgn



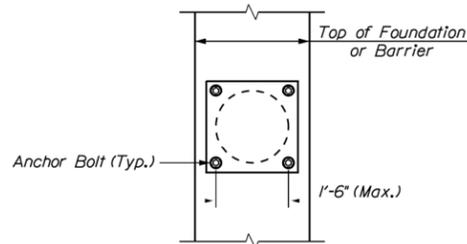
RIGHT SIDE FOUNDATION - MASONRY PLAN
Scale: 1/4" = 1'-0"



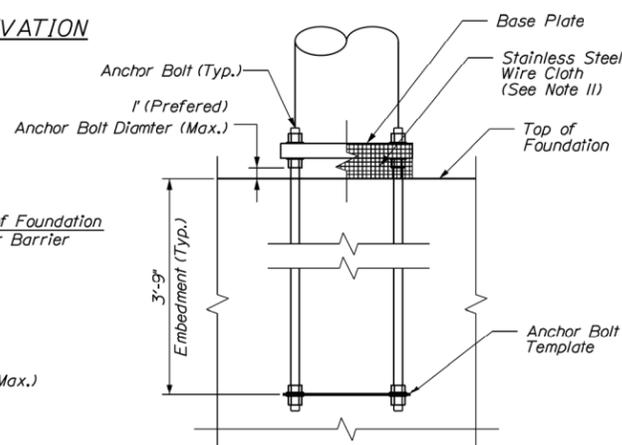
RIGHT SIDE FOUNDATION - MASONRY ELEVATION
Scale: 1/4" = 1'-0"



SECTION A-A
Scale: 1/4" = 1'-0"



ASSUMED ANCHOR BOLT PATTERN
(Left Side (Median) Foundation Shown)
Not To Scale



ANCHOR BOLT DETAIL
Not To Scale

ASSUMED OVERHEAD SIGN STRUCTURE DESIGN CRITERIA

- These foundations have been designed using the assumed maximum top of foundation loads shown in the table below. The loads from the overhead sign structure shall not exceed the loads shown.
- These foundations have been designed using an assumed overhead sign structure upright spacing between 6'-0" to 9'-0". The overhead sign structure shall have an upright spacing between 6'-0" to 9'-0" unless otherwise approved by the Engineer.
- These foundations have been designed assuming a 4 anchor bolt pattern with an assumed maximum bolt spacing of 1'-6" and an assumed anchor bolt embedment of 3'-9", as shown below. The anchor bolt spacing shall not exceed 1'-6", the anchor bolt embedment shall not be less than 3'-9" and anchor bolts shall be installed as shown in the Anchor Bolt Detail.

Load Type	Maximum Top of Foundation Loads					
	MM 43.24_N		MM 44.04_N		MM 44.14_N	
	Left	Right	Left	Right	Left	Right
Axial Dead Loads	30 k	30 k	30 k	30 k	35 k	30 k
Horizontal Force	40 k	30 k	40 k	30 k	45 k	25 k
Wind Normal to Signs	10 k	10 k	10 k	10 k	10 k	5 k
Wind Parallel to Signs	10 k	10 k	10 k	10 k	10 k	5 k
Overturning Moment	1100 k-ft	950 k-ft	1100 k-ft	900 k-ft	1200 k-ft	900 k-ft
Wind Normal to Signs	220 k-ft	190 k-ft	220 k-ft	180 k-ft	250 k-ft	180 k-ft
Wind Parallel to Signs						

FOUNDATION NOTES

- All foundation shall be constructed as shown on these Plans and in accordance with MaineDOT Standard Specification 626.
- Overhead sign structure foundations shall be paid under the appropriate 645.12 items.
- At each of the three overhead sign structure locations there shall be one "right side" foundation and one "left side (median)" foundation type (six foundations total, three of each type). All "right side" foundations shall have the same layout, geometry and reinforcing, except for the top of foundation elevations. All "left side (median)" foundations shall have the same layout, geometry and reinforcing, except for the top of foundation elevations. The notes shown on this sheet apply to both foundation types.
- All concrete for the shaft cap, drilled shafts, and combined shaft and barrier shall be Class 'AA' concrete (f'c = 4,000psi) and shall conform to MTA Supplemental Specification 502. All portions of the foundation above finish grade shall be light colored and have a smooth uniform surface free of defects and irregularities. A calcium nitrate corrosion inhibitor meeting the requirements of ASTM 494 Type C shall be added at a rate of 3.0 gallons per cubic yard. All exposed edges of concrete shall be chamfered 1-inch.
- A clear protective coating for concrete surfaces, conforming to MaineDOT Standard Specification 515, shall be applied on all concrete surfaces above the bottom of the shaft cap. Coating shall be incidental to the 645.12 items.
- All reinforcing steel shall be AASHTO M31 (ASTM A615) Grade 60, epoxy coated and shall conform to MaineDOT Standard Specification 503. Reinforcing steel shop drawings shall be submitted by the Contractor for approval.
- All backfill shall be gravel borrow meeting the requirements of MaineDOT Standard Specification 203 and shall be incidental to the 645.12 items.
- Structural excavation, backfilling and compaction shall be in accordance with MaineDOT Standard Specification 206 and shall be incidental to the 645.12 items.
- Design of cofferdams or support of excavation is the responsibility of the Contractor and shall be submitted for approval. All costs shall be incidental to the 645.12 items.
- Payment for removal and restoration of grass and vegetation disturbed by the construction of the foundations shall be incidental to the 645.12 items. Restoration of grass and vegetation shall be as directed by the Resident.
- The gap between the base plate and top of foundation shall be wrapped in AWG #16 stainless steel wire cloth, with a 1/4" maximum opening and a 2" lap. Secure with 3/4" stainless steel banding after anchor rods are installed. All costs shall be incidental to the 645.12 items.

Top of Foundation Elevations		
Right Side Foundations		
MM 43.24_N	MM 44.04_N	MM 44.14_N
44.5	58.5	65.5

Scale: As Noted

Designed by:



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**THE GOLD STAR
MEMORIAL HIGHWAY**

**MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III
OVERHEAD SIGN STRUCTURE
FOUNDATION DETAILS (1 OF 6)**

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date	By	Date	
Designed	JGM	11-2017	Checked	KCD	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

MTA PROJECT MANAGER: R. NORWOOD, IV

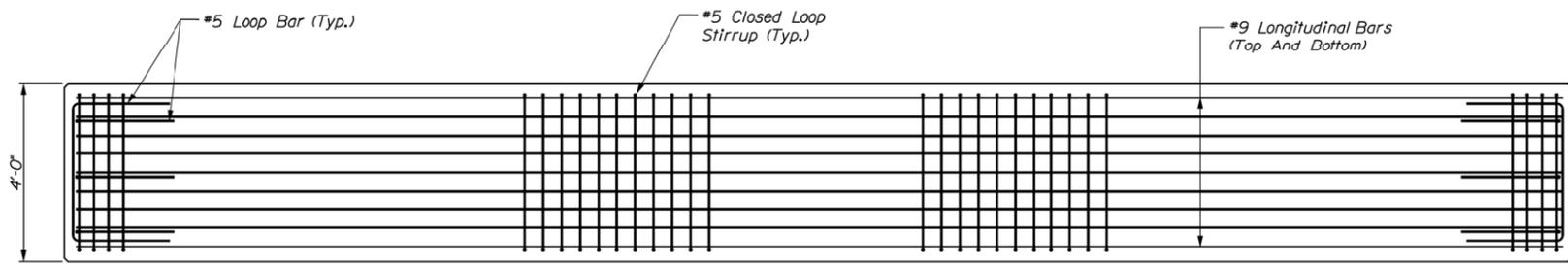
CONTRACT: 2018.13

SHEET NUMBER: 27

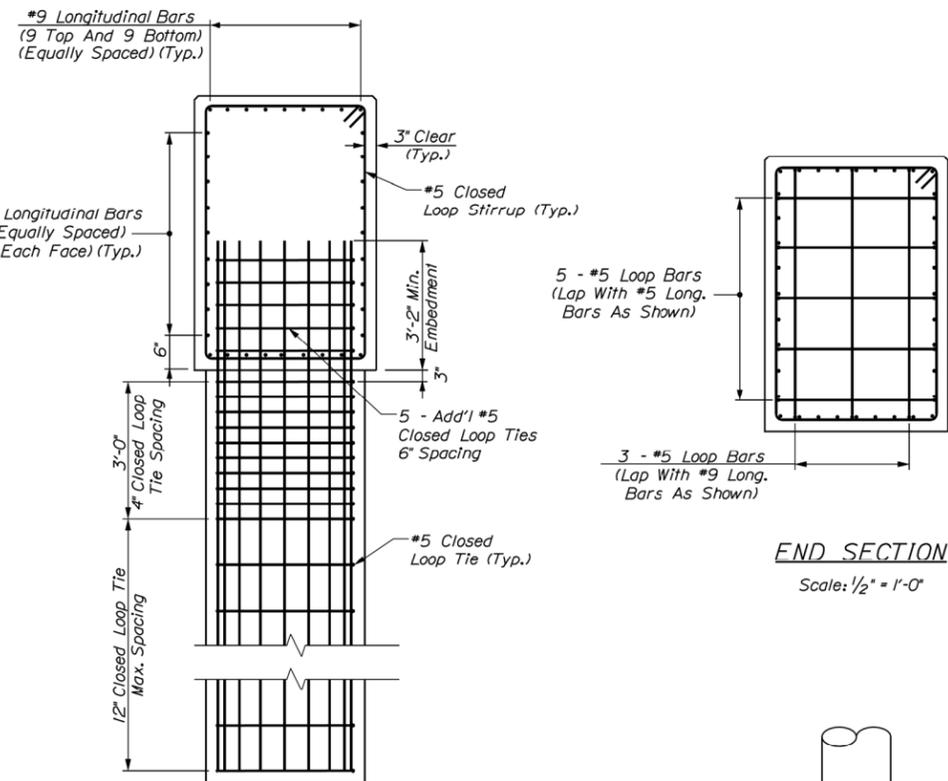
27 OF 101

Date: 11/28/2017

Filename: ...028_55086_03_FoundationDetail_02.dgn

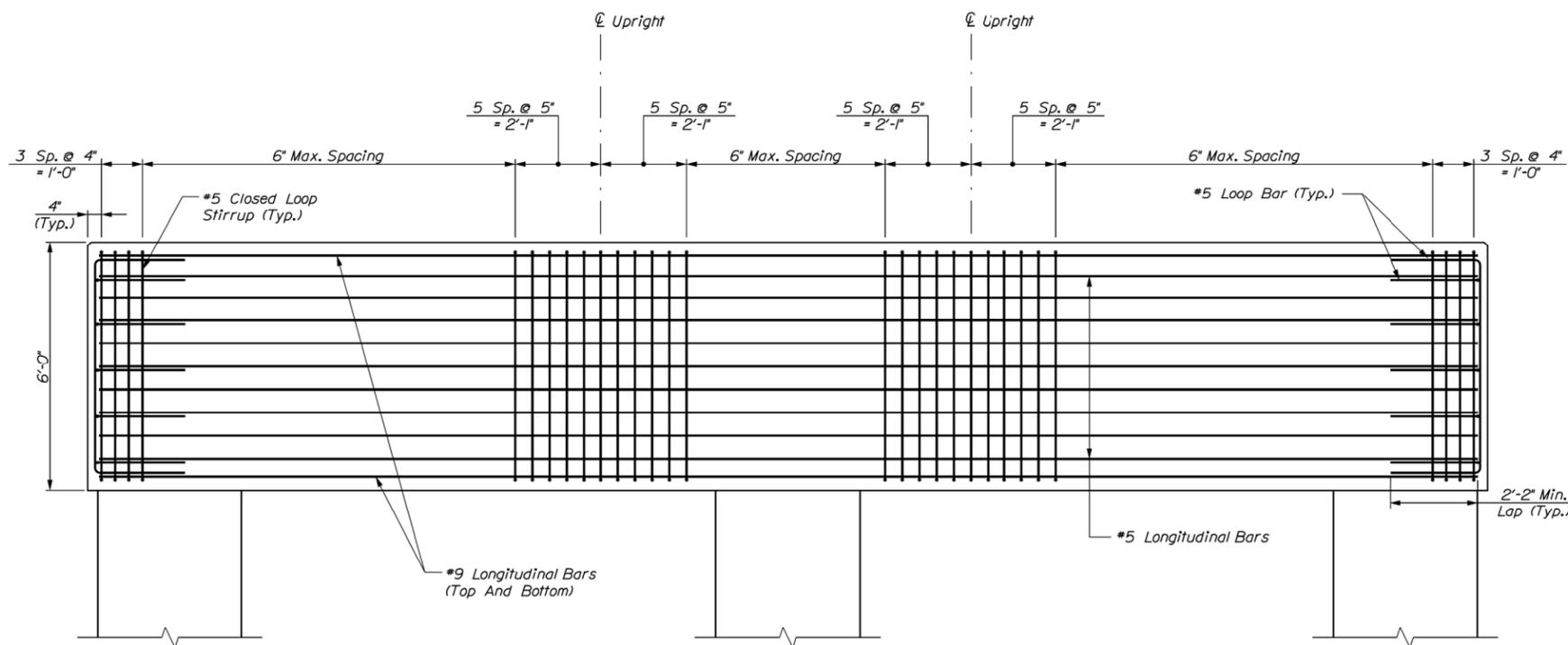


RIGHT SIDE FOUNDATION - REINFORCING PLAN
Scale: 1/2" = 1'-0"

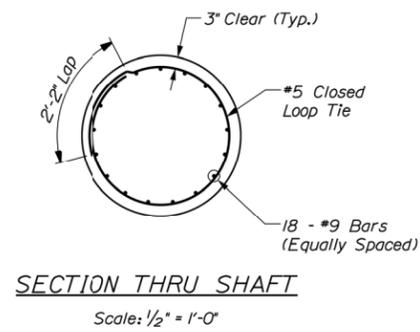


ELEVATION THRU SHAFT
Scale: 1/2" = 1'-0"

END SECTION
Scale: 1/2" = 1'-0"



RIGHT SIDE FOUNDATION - REINFORCING ELEVATION
(Reinforcing In Shaft Not Shown For Clarity)
Scale: 1/2" = 1'-0"



SECTION THRU SHAFT
Scale: 1/2" = 1'-0"

SECTION THRU UPRIGHT
Scale: 1/2" = 1'-0"

- NOTES:**
1. See Overhead Sign Structure Foundation Details (1 of 6) sheet for typical foundation notes.
 2. See Overhead Sign Structure Foundation Details (6 of 6) sheet for right side foundation rebar bend diagram.
 3. Adjust longitudinal reinforcing in shaft cap to avoid anchor bolts and shaft reinforcing.

Scale: As Noted

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS					
By	Date	By	Date	By	Date
Designed	JGM 11-2017	Checked	KCD 11-2017		
Drawn	JAR 11-2017	In Charge of	MDS 11-2017		

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THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD, IV

MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III
OVERHEAD SIGN STRUCTURE
FOUNDATION DETAILS (2 OF 6)

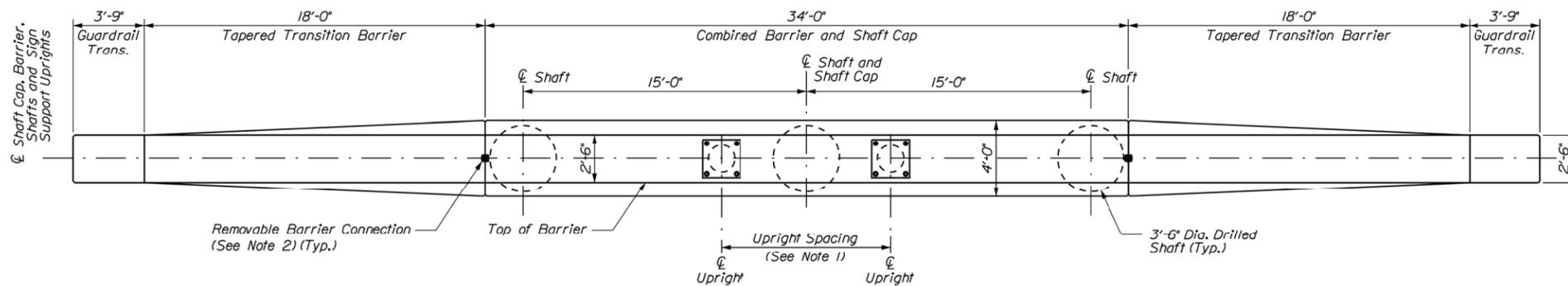
CONTRACT: 2018.13

SHEET NUMBER: 28

28 OF 101

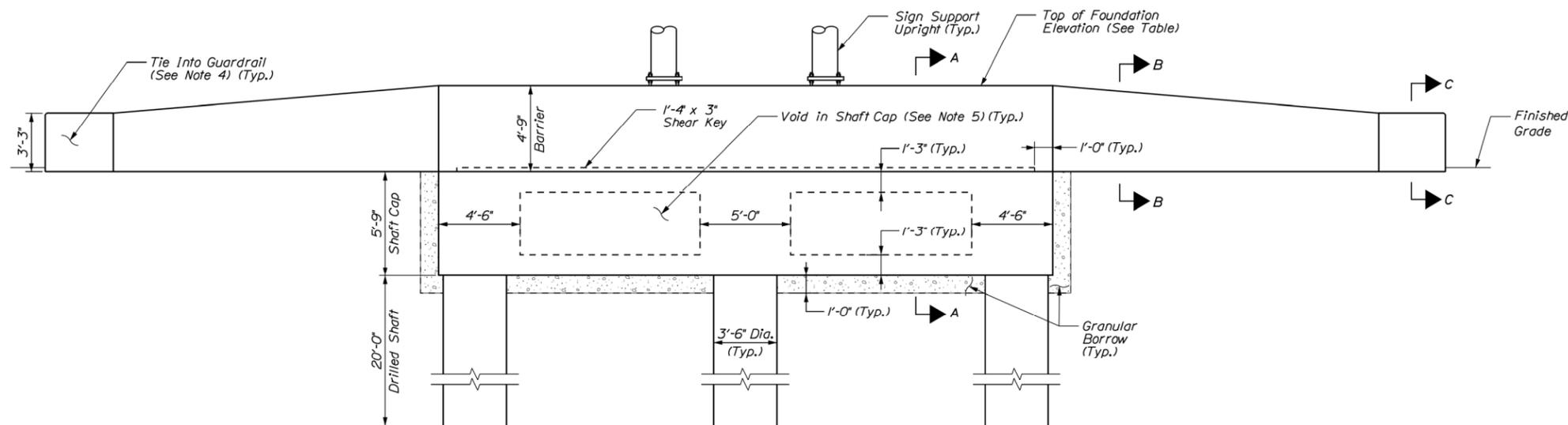
Date: 11/28/2017

Filename: ...029_55086.03_FoundationDetail_03.dgn



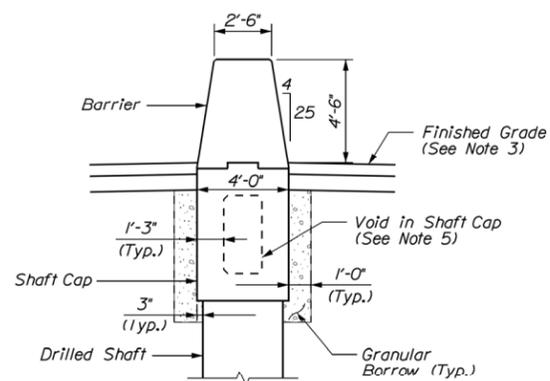
LEFT SIDE (MEDIAN) FOUNDATION - MASONRY PLAN

Scale: 1/4" = 1'-0"



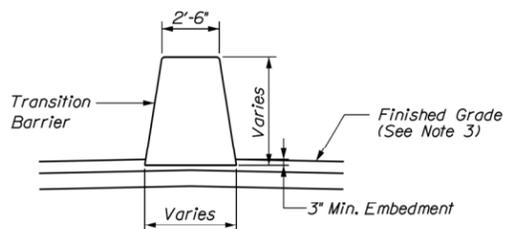
LEFT SIDE (MEDIAN) FOUNDATION - MASONRY ELEVATION

Scale: 1/4" = 1'-0"



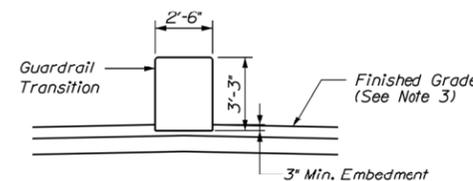
SECTION A-A

Scale: 1/4" = 1'-0"



SECTION B-B

Scale: 1/4" = 1'-0"



SECTION C-C

Scale: 1/4" = 1'-0"

Top of Foundation Elevations		
Left Side Foundations		
MM 43.24_N	MM 44.04_N	MM 44.14_N
52.0	66.0	72.5

FOUNDATION NOTES

- See Overhead Sign Structure Foundation Details (1 of 6) sheet for typical foundation notes and assumed overhead sign structure design criteria.
- See Overhead Sign Structure Foundation Details (5 of 6) sheet for transition barrier details and notes.
- See Details (3 of 3) sheet for final grade treatment in median around foundation. Granular borrow shall be used to backfill any excavation below the roadway items shown on the paving details typical section.
- See Details (1 of 3) sheets for guardrail tie-in details and notes.
- Void shall be cast into the shaft cap using styrofoam or other lightweight form as approved by the Resident.

Scale: As Noted

Designed by:



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THE GOLD STAR
MEMORIAL HIGHWAY

MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III
OVERHEAD SIGN STRUCTURE
FOUNDATION DETAILS (3 OF 6)

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	JGM	11-2017	Checked	KCD	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

MTA PROJECT MANAGER: R. NORWOOD, IV

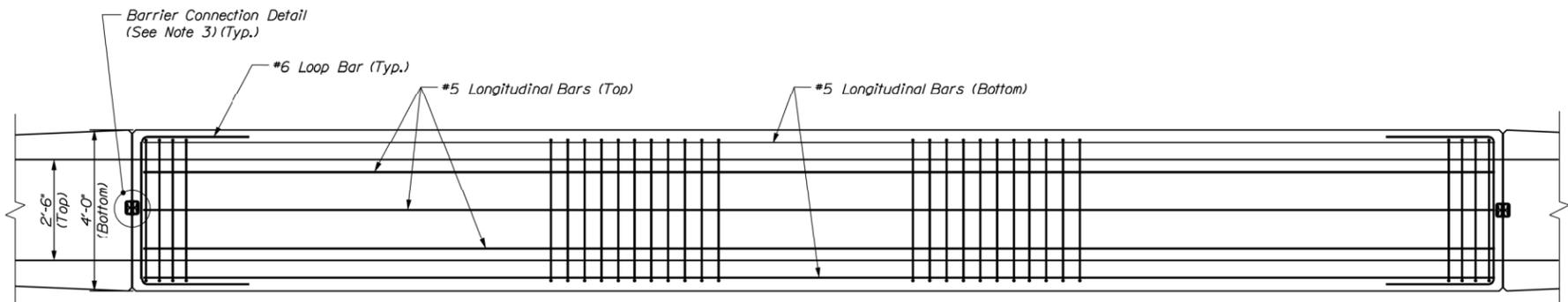
CONTRACT: 2018.13

SHEET NUMBER: 29

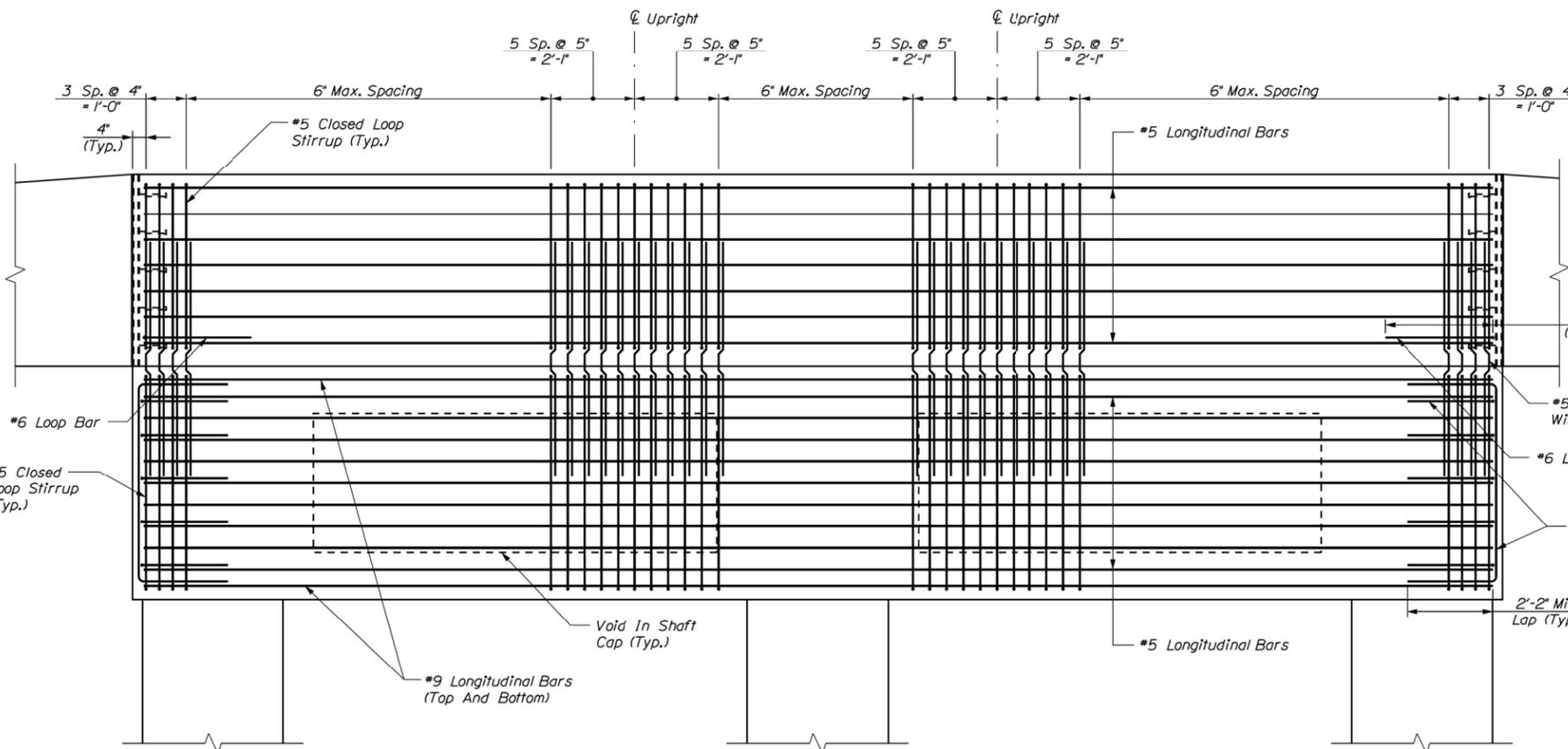
29 OF 101

Date: 11/28/2017

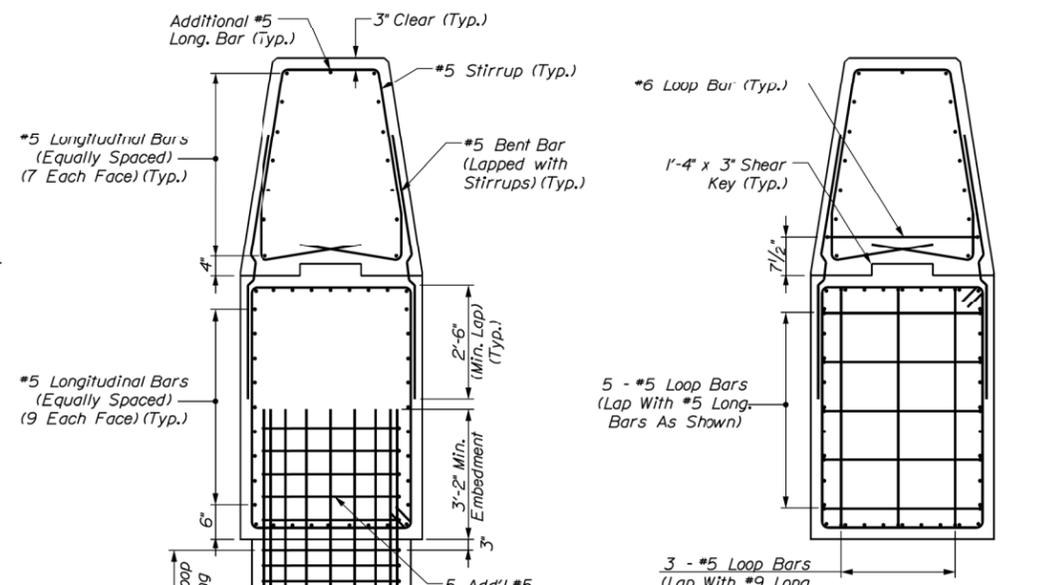
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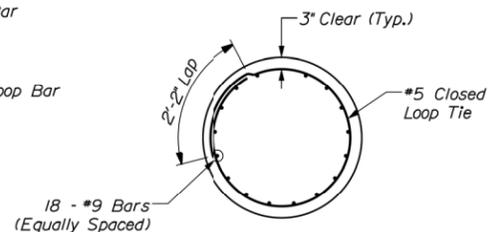
LEFT SIDE (MEDIAN) COMBINED BARRIER AND SHAFT CAP - REINFORCING PLAN
Scale: 1/2" = 1'-0"



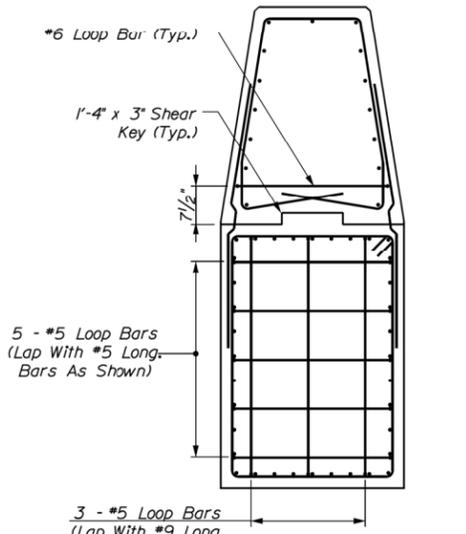
LEFT SIDE (MEDIAN) COMBINED BARRIER AND SHAFT CAP - REINFORCING ELEVATION
(Reinforcing In Shaft Not Shown For Clarity)
Scale: 1/2" = 1'-0"



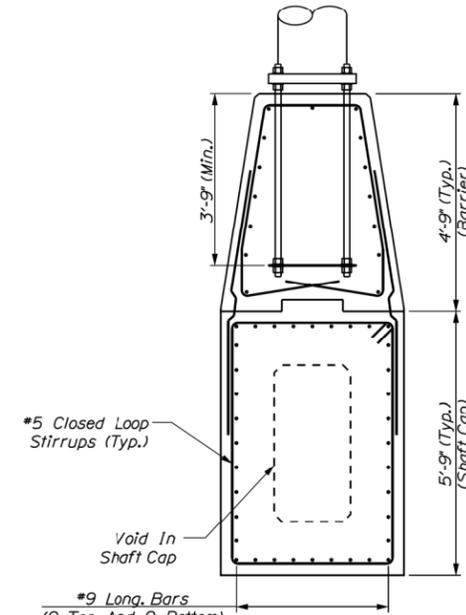
ELEVATION THRU SHAFT
Scale: 1/2" = 1'-0"



SECTION THRU SHAFT
Scale: 1/2" = 1'-0"



END SECTION
Scale: 1/2" = 1'-0"



SECTION AT UPRIGHT
Scale: 1/2" = 1'-0"

NOTES:

- The concrete barrier, as shown on this sheet, is in compliance with the requirements of NCHRP Report 350, TL-4.
- See Overhead Sign Structure Foundation (1 of 6) sheet for typical foundation notes.
- See Overhead Sign Structure Foundation (6 of 6) sheet for left side foundation rebar bend diagram and barrier connection details.
- Adjust longitudinal reinforcing in shaft cap to avoid anchor bolts and shaft reinforcing.

Scale: As Noted			
No.	Revision	By	Date

Designed by:					
CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	JGM	11-2017	Checked	KCD	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

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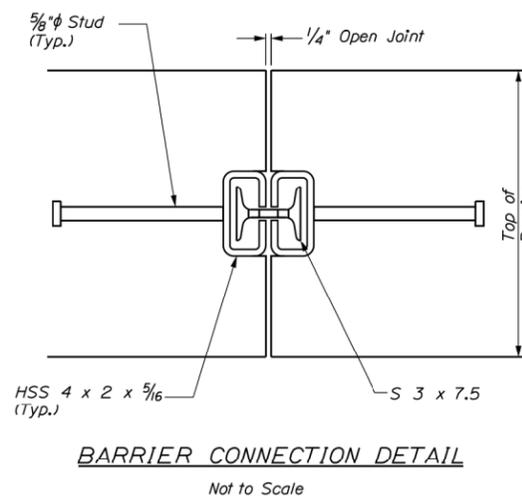
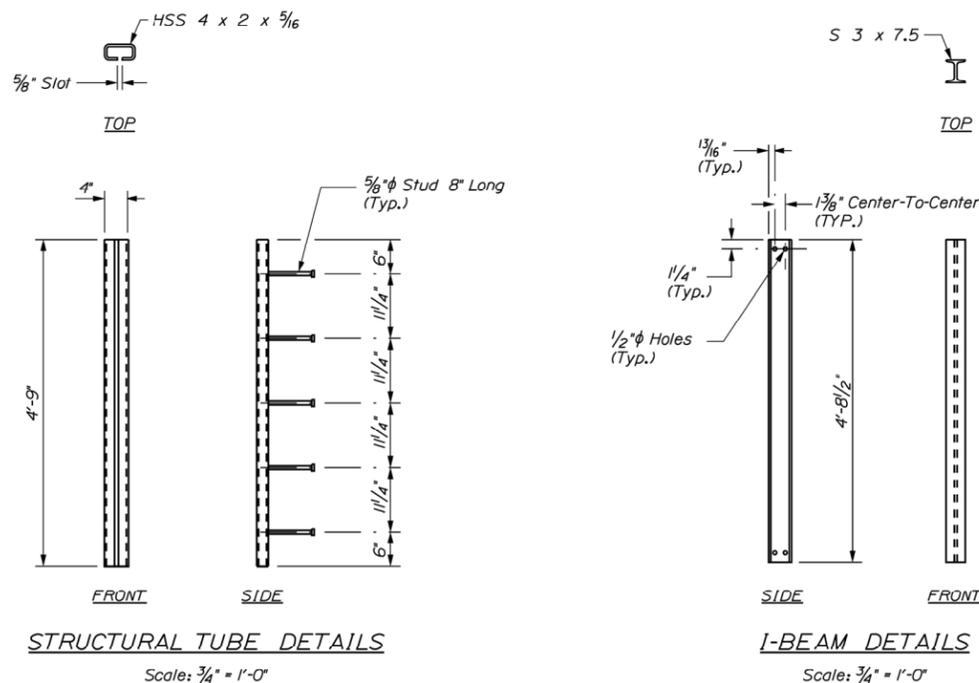
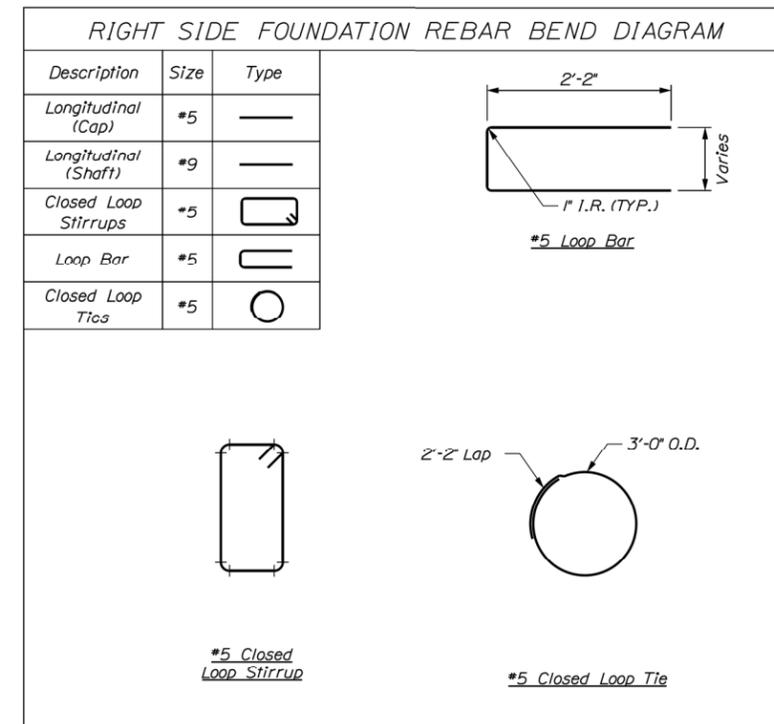
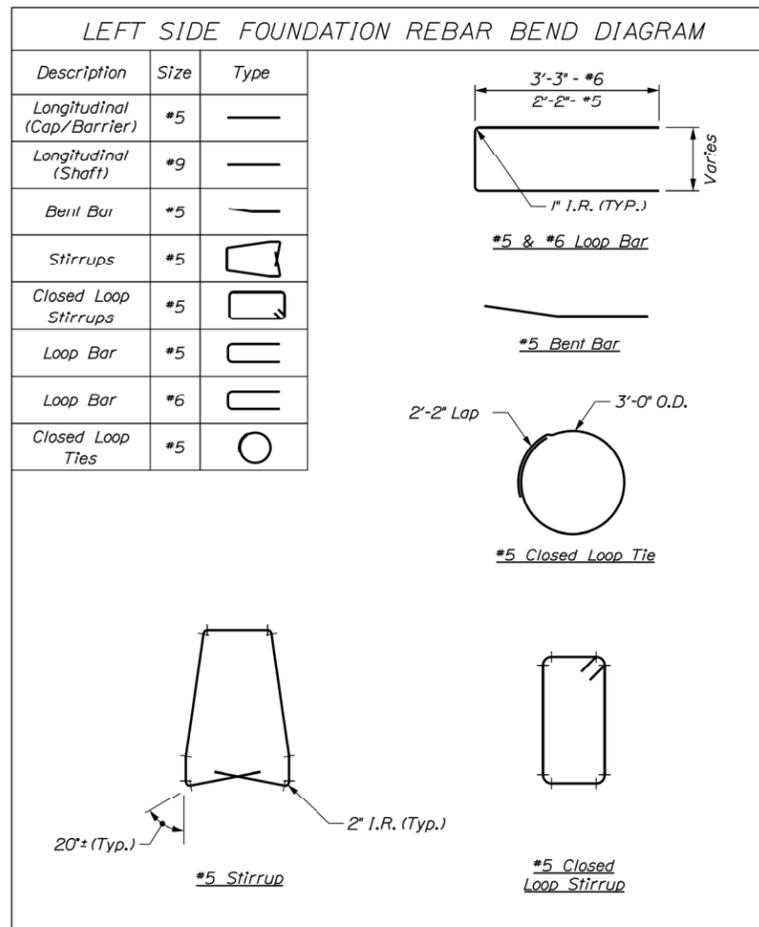
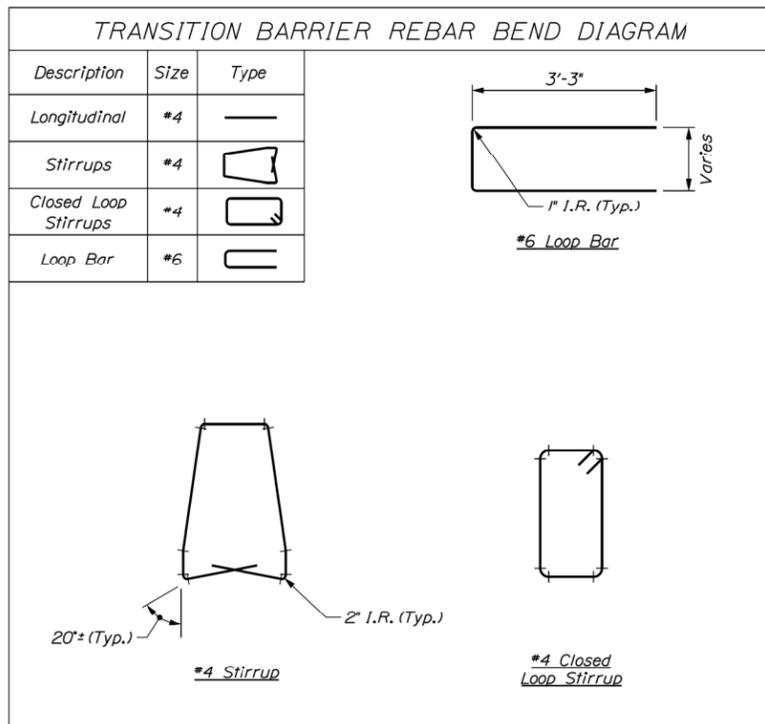
**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD, IV

MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III
OVERHEAD SIGN STRUCTURE LEFT SIDE
(MEDIAN) FOUNDATION DETAILS (4 OF 6)
SHEET NUMBER: 30
CONTRACT: 2018.13
30 OF 101

Date: 11/28/2017

Filename: ...032_55086.03_FoundationDetail_06.dgn



NOTES:

1. See Overhead Sign Structure Foundation Details (1 of 6) for typical foundation notes.
2. See Overhead Sign Structure Foundation Details (5 of 6) for barrier notes and details.
3. The Contractor is responsible for determining the final required dimensions and quantity of each bar.
4. All bar bends and dimensions shall be per Concrete Reinforcing Steel Institute (CRSI) standards and as shown in these plans.
5. The I-beam and structural tubes shall be galvanized after fabrication and welding of studs.

Scale: As Noted			
No.	Revision	By	Date

Designed by:

CONSULTANT PROJECT MANAGER: MDS			
By	Date	By	Date
Designed	JGM 11-2017	Checked	KCD 11-2017
Drawn	JAR 11-2017	In Charge of	MDS 11-2017

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THE GOLD STAR MEMORIAL HIGHWAY

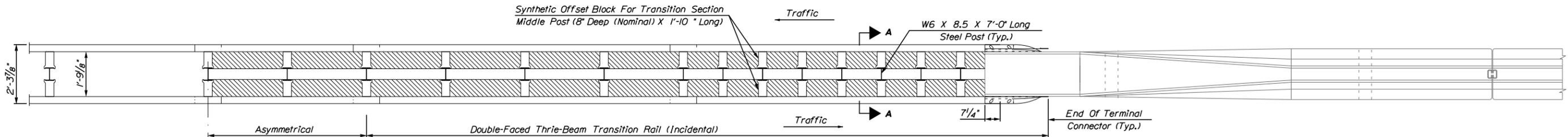
MTA PROJECT MANAGER: R. NORWOOD, IV

MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III
OVERHEAD SIGN STRUCTURE
FOUNDATION DETAILS (6 OF 6)

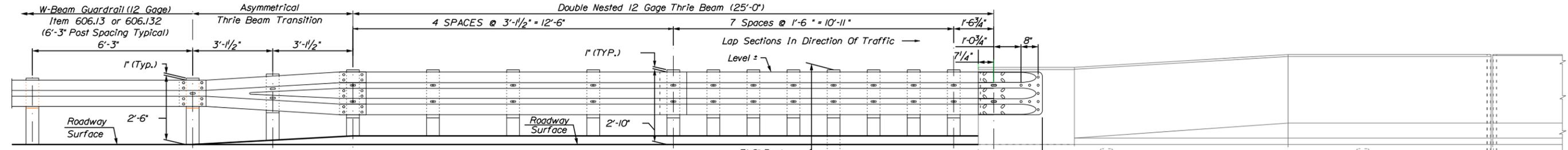
SHEET NUMBER: 32
CONTRACT: 2018.13
32 OF 101

Date: 11/28/2017

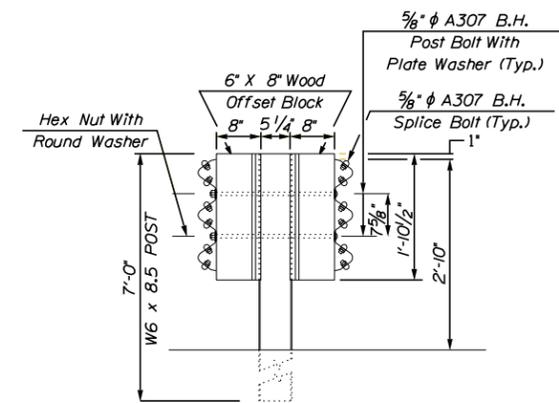
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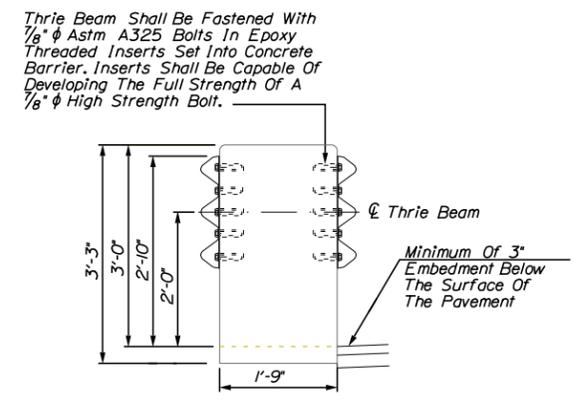
PLAN VIEW - CONCRETE BARRIER TO GUARDRAIL CONNECTION DETAIL (DOUBLE-FACED THRIE BEAM GUARDRAIL)
Not to Scale



ELEVATION - APPROACH RAIL
Not to Scale



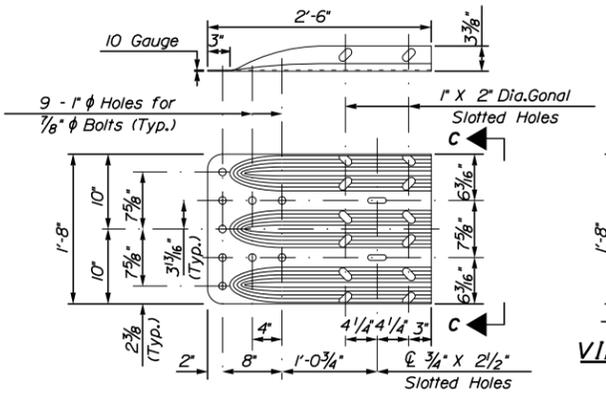
SECTION A-A (POST RAIL ASSEMBLY)
Not to Scale



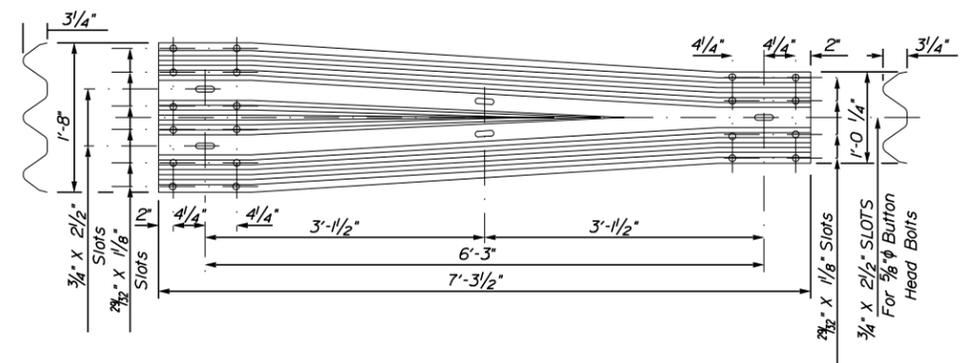
DOUBLE-FACED THRIE BEAM ATTACHMENT
Not to Scale

GENERAL NOTES

1. All thrie beam rail, including transition section, shall be galvanized 12 gauge. All terminal connectors shall be galvanized 10 gauge.
2. Connections to concrete barrier shall be approved 7/8" galvanized high strength through bolts in core drilled holes. Check actual hole spacing before coring bolt holes.
3. All connections for the thrie beam rail and terminal connector shall lap in the direction of traffic.
4. Approach rails shall be incidental to the installation of the overhead sign structure foundations, 645.12 items.
5. Asymmetrical thrie beam transition section shall be paid for under item 606.701.



THRIE BEAM TERMINAL CONNECTOR
Not to Scale



ASYMMETRICAL THRIE BEAM TRANSITION SECTION
Not to Scale

No.	Revision	By	Date

Scale: As Noted

Designed by:



CONSULTANT PROJECT MANAGER: MDS

By	Date	By	Date
Designed MLG	11-2017	Checked MDS	11-2017
Drawn JAR	11-2017	In Charge of MDS	11-2017

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THE GOLD STAR MEMORIAL HIGHWAY

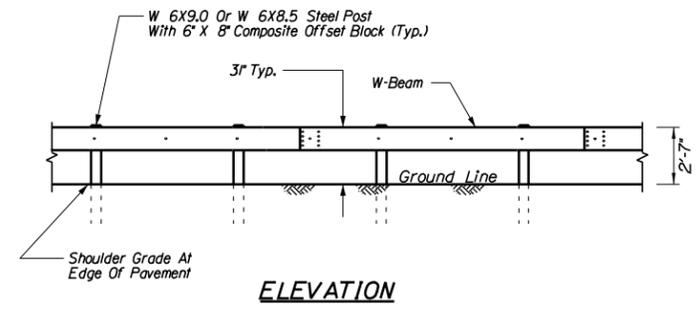
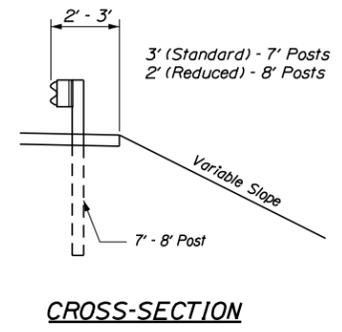
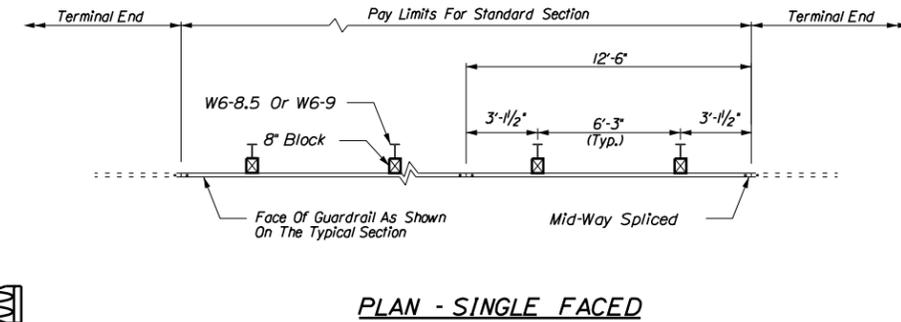
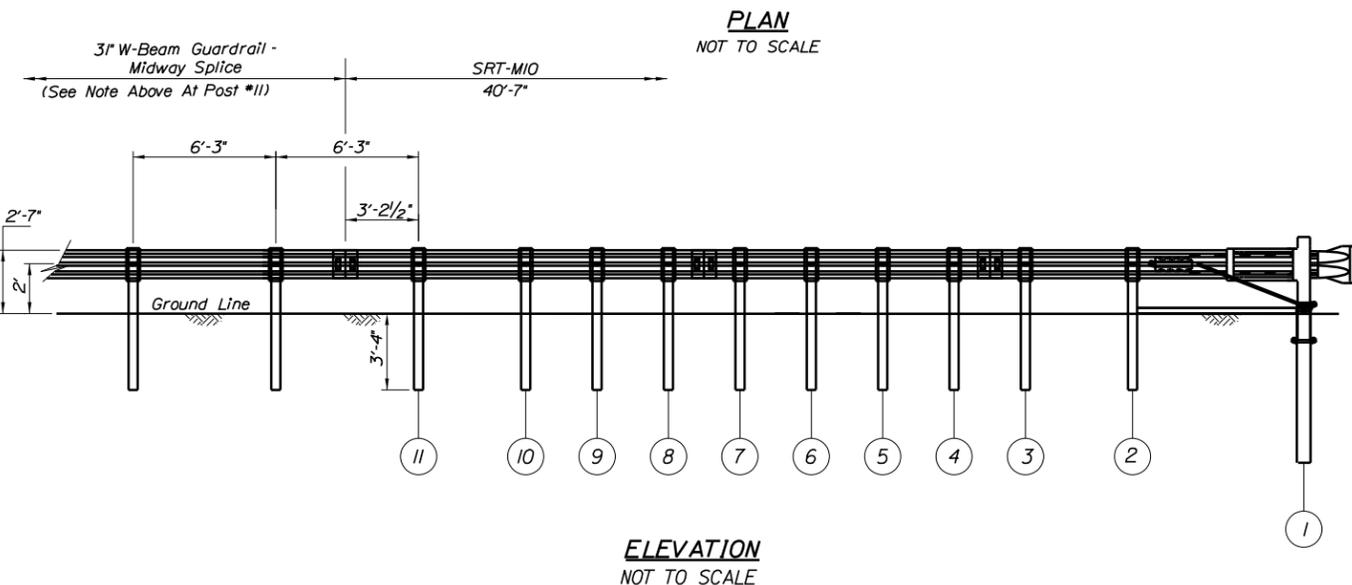
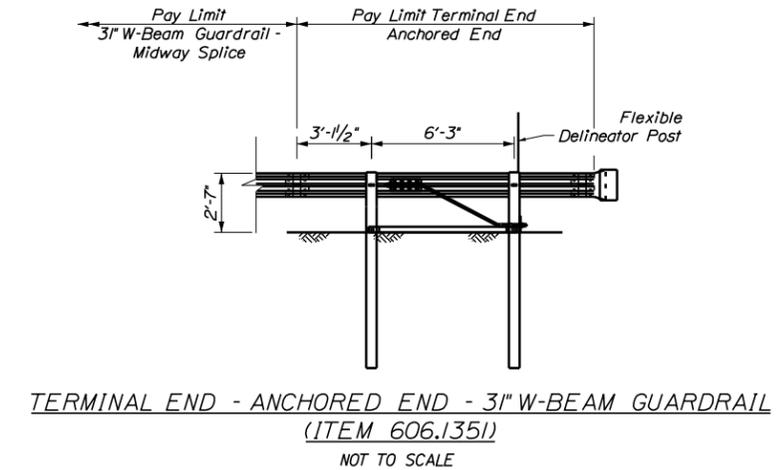
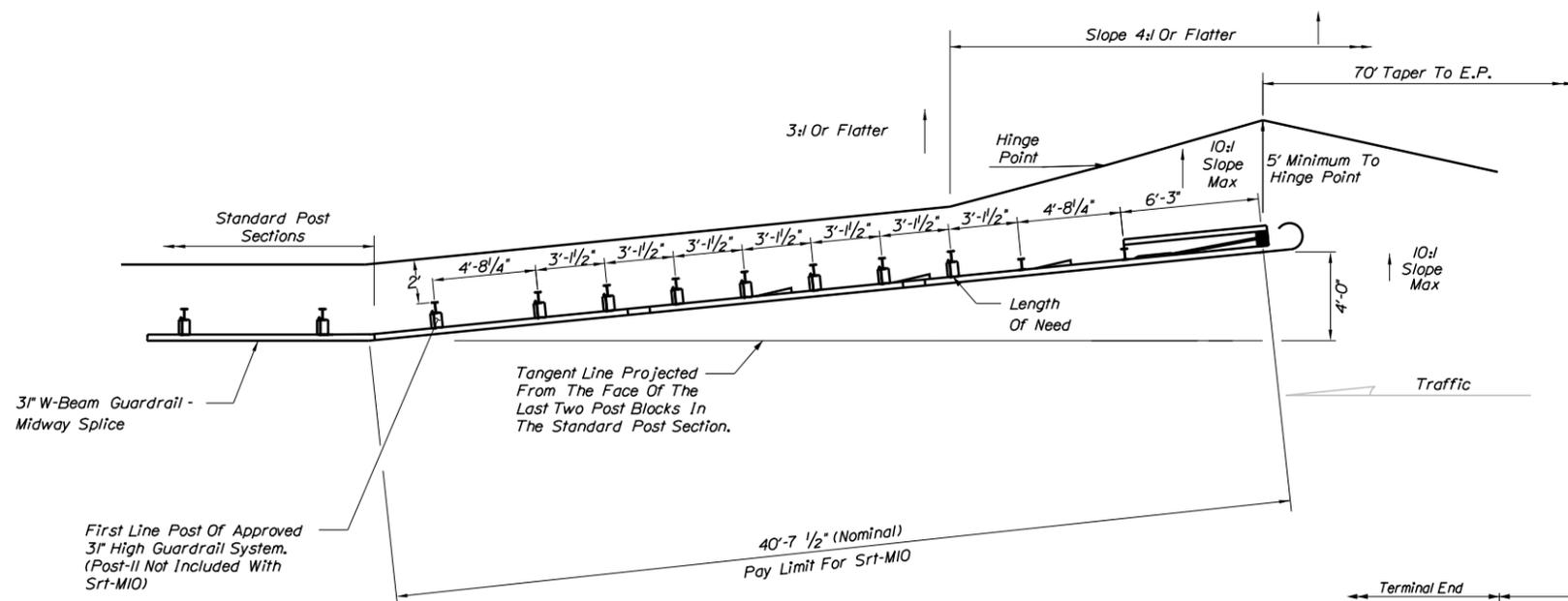
MTA PROJECT MANAGER: R. NORWOOD, IV

MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III

DETAILS (1 OF 3)

SHEET NUMBER: 33
CONTRACT: 2018.13
33 OF 101

Date: 11/28/2017



GENERAL GUARDRAIL INSTALLATION NOTES:

- The Contractor Shall Follow All Manufacturer's Installation Instructions For The Installation Of All Guardrail Components To Be Installed. The Contractor Shall Notify The Resident Engineer Of Any Conflicts Or Irregularities Between The Manufacturer's Installation Instructions And The Contract Documents.
- The Contractor Is Required To Have An Approved Crash End Treatment On All Guardrail Ends Prior To The Removal Of Any Temporary Traffic Control Features.
- Guardrail Height Shall Be 3', -1/2". Guardrail Height Shall Be Measured From Ground Elevation Adjacent To Each Post.
- The Contractor Shall Remove And Dispose Of All Cut Bolts, Discard Parts, Trash, Pavement Debris, Etc., After Completing The Guardrail Installation.
- Connection For Proposed Rail To Existing Rail Shall Be Incidental To The Proposed Guardrail Items.

Scale: As Noted

No.	Revision	By	Date

Designed by:

CONSULTANT PROJECT MANAGER: MDS

By	Date	By	Date
Designed	MLG 11-2017	Checked	MDS 11-2017
Drawn	JAR 11-2017	In Charge of	MDS 11-2017

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THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD, IV

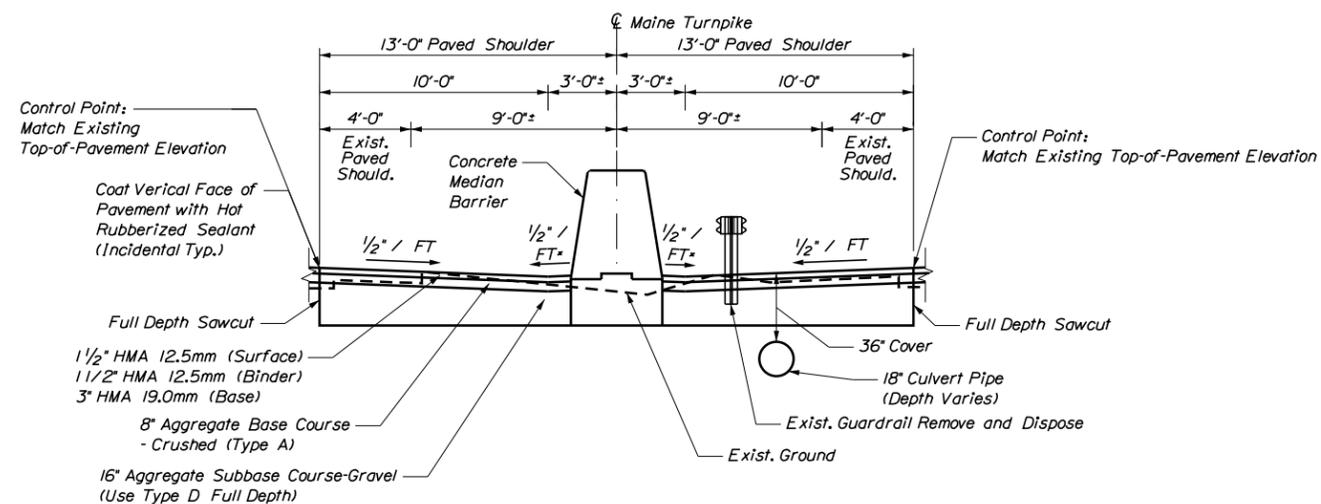
MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE III
 DETAILS (2 OF 3)

SHEET NUMBER: 34
 34 OF 101

CONTRACT: 2018.13

Filename: ...034_55086.03_Detail_02.dgn

Date: 12/18/2017



MEDIAN PAVING TYPICAL SECTION

Scale: 1/4" = 1'-0"

* - Slopes At Concrete Median Barrier Face May Be Adjusted To Maintain Required Barrier Height

Filename: ... \035_55086_03_Detail_03.dgn

Scale: As Noted

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

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**THE GOLD STAR
 MEMORIAL HIGHWAY**

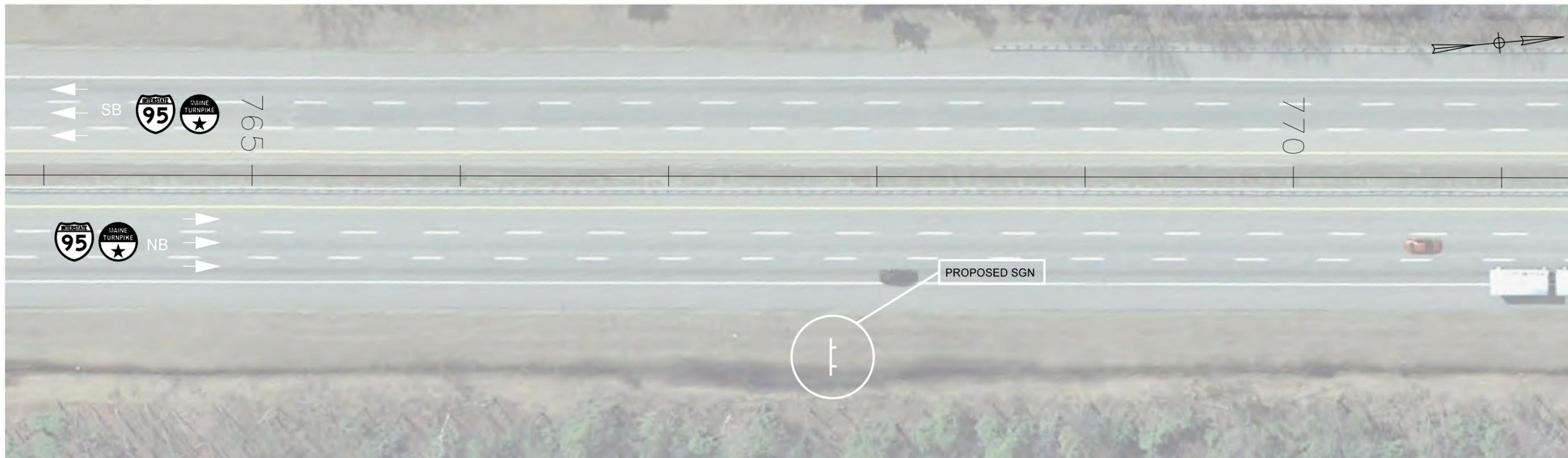
MTA PROJECT MANAGER: R. NORWOOD, IV

**MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE III**

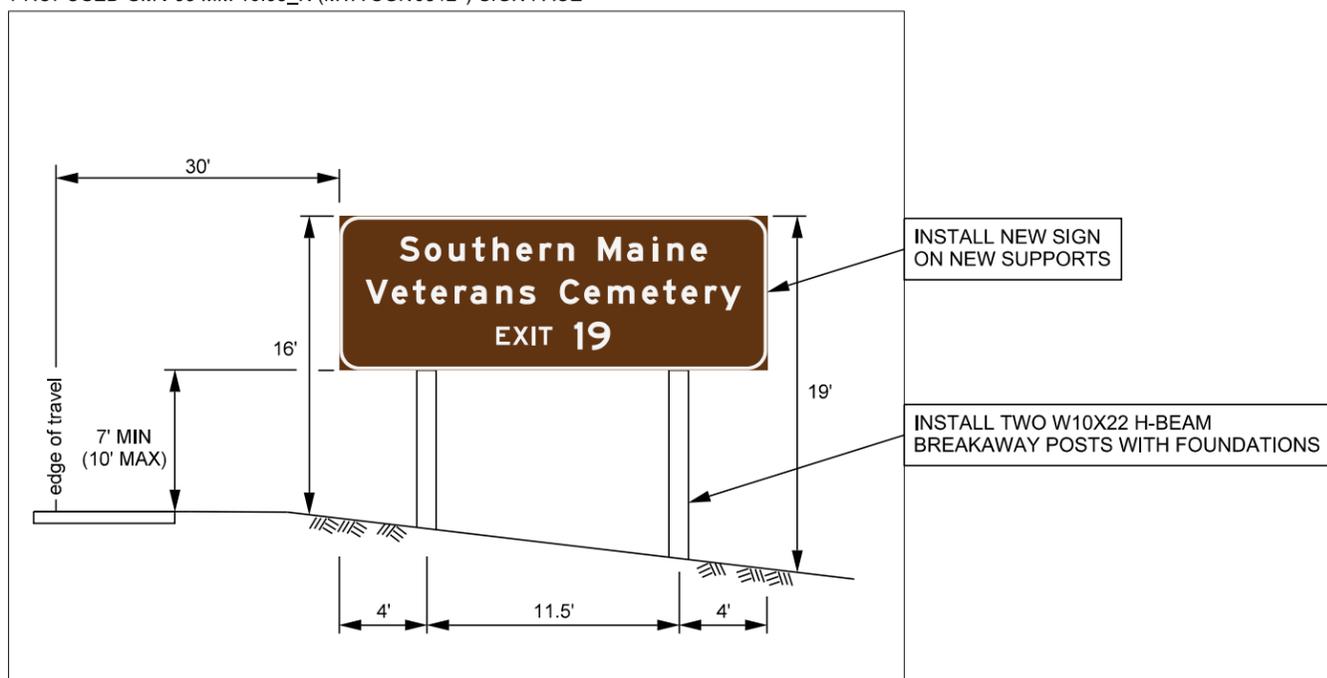
DETAILS (3 OF 3)

SHEET NUMBER: 35
 CONTRACT: 2018.13
 35 OF 101

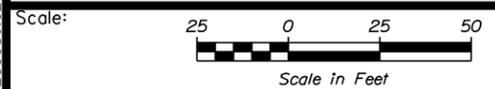
Date: 11/27/2017



PROPOSED GM I-95 MM 16.95_N (MTA SGN6312) SIGN FACE



Filename: ...036_55086_02_Sign_04 3.dgn



No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

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**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD, IV

**MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III**

GM I-95 MM 16.95_N

SHEET NUMBER: 36
CONTRACT: 2018.13
36 OF 101

Date: 11/27/2017



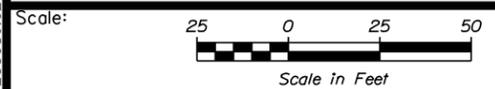
EXISTING GM I-95 MM 18.23_N (MTA SGN 40340) SIGN FACE



RETAIN EXISTING EXIT 19
1 MILE SIGN

REMOVE AND STACK EXISTING
SOUTHERN MAINE VETERANS
MEMORIAL CEMETERY SIGN

Filename: ...037_55086_02_Sign_048.dgn



No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

	By	Date	By	Date
Designed	MLG	11-2017	Checked	MDS 11-2017
Drawn	JAR	11-2017	In Charge of	MDS 11-2017

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THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD, IV

MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III

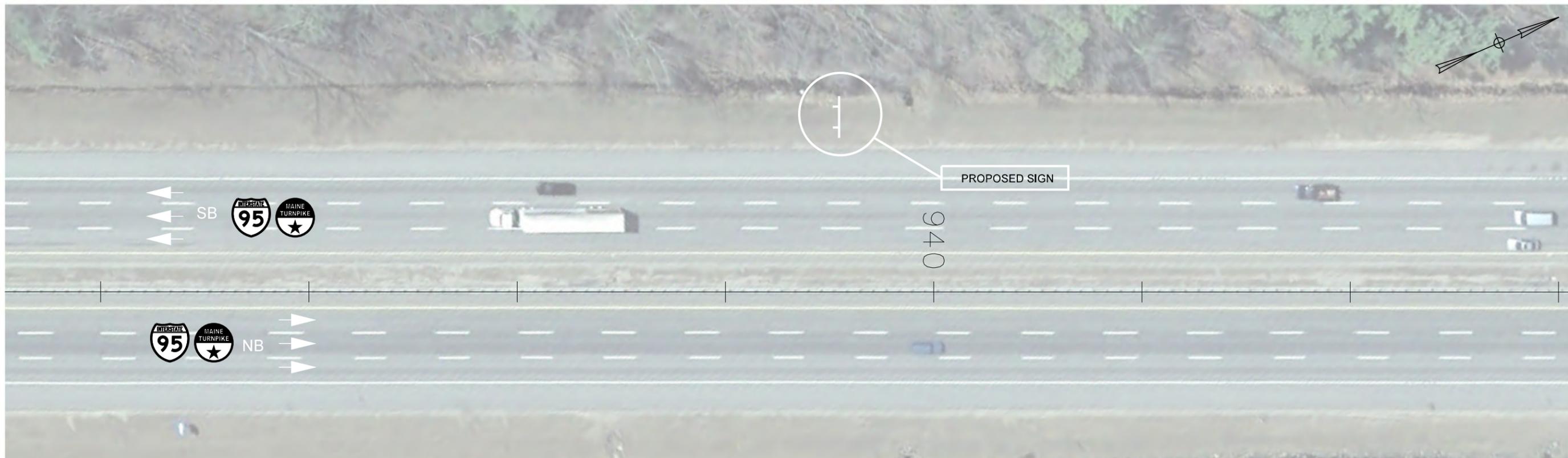
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CONTRACT: 2018.13

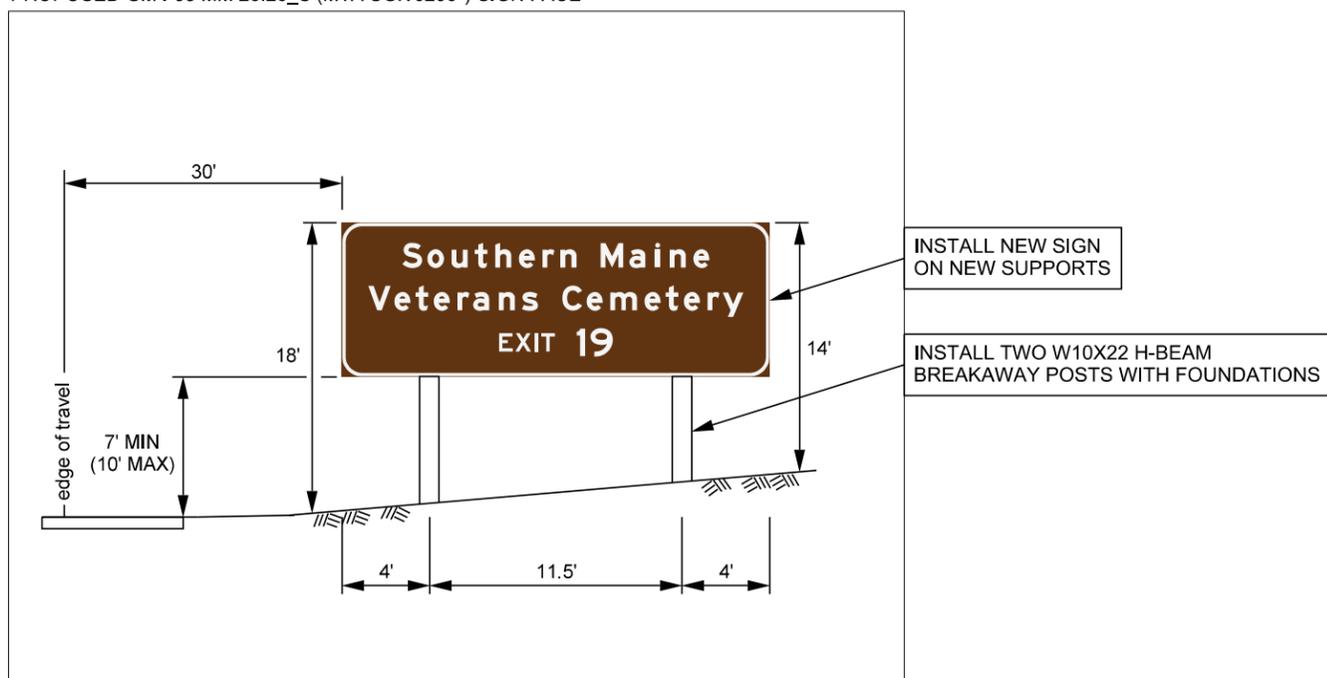
SHEET NUMBER: 37

37 OF 101

Date: 11/27/2017



PROPOSED GM I-95 MM 20.26_S (MTA SGN 6296) SIGN FACE



Filename: ...038_55086_02_Sign_057.dgn

Scale: 25 0 25 50 Scale in Feet			
No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS			
By	Date	By	Date
Designed	MLG 11-2017	Checked	MDS 11-2017
Drawn	JAR 11-2017	In Charge of	MDS 11-2017

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**THE GOLD STAR
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**MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE III**

GM I-95 MM 20.26_S

SHEET NUMBER: 38
 CONTRACT: 2018.13
 38 OF 101

Date: 12/18/2017



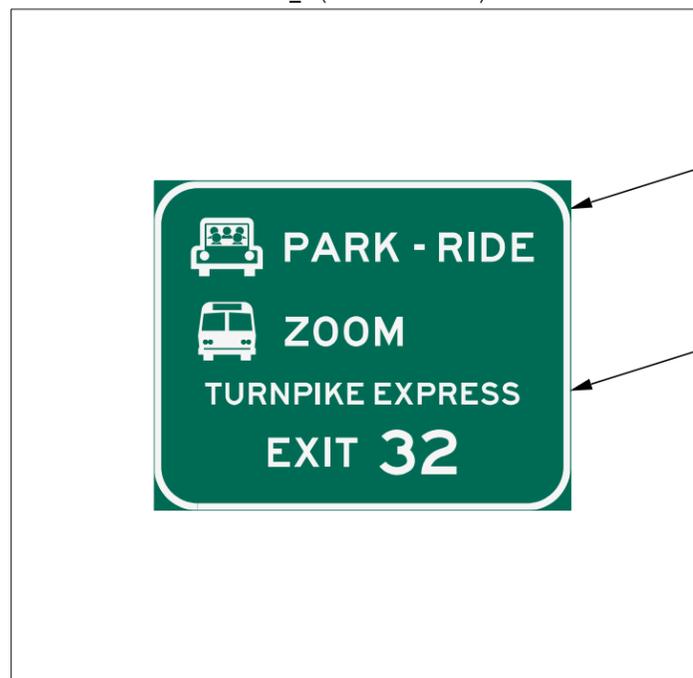
EXISTING GM I-95 MM 29.84_N (MTA SGN 40798) SIGN FACE



REMOVE AND STACK EXISTING SIGN

RETAIN EXISTING LOWER SIGN SUPPORTS

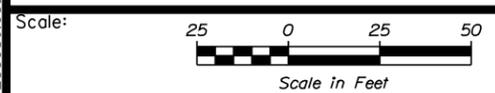
PROPOSED GM I-95 MM 29.84_N (MTA SGN 6264) SIGN FACE



INSTALL NEW SIGN ON EXISTING SUPPORTS 2 INCHES ABOVE THE HINGE PLATE

INSTALL NEW W8X18 TOP PORTION OF SUPPORTS AND HINGE PLATES

Filename: ... \040_55086.03_Sign_084.dgn



No.	Revision	By	Date

Designed by:

CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

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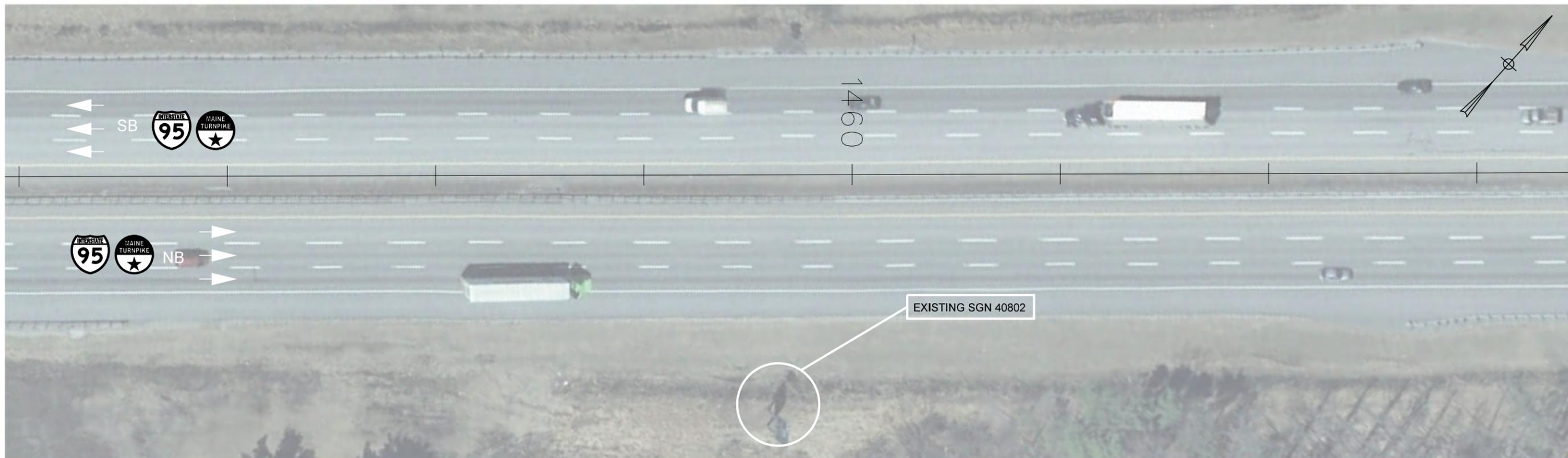
MTA PROJECT MANAGER: R. NORWOOD, IV

**MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III**

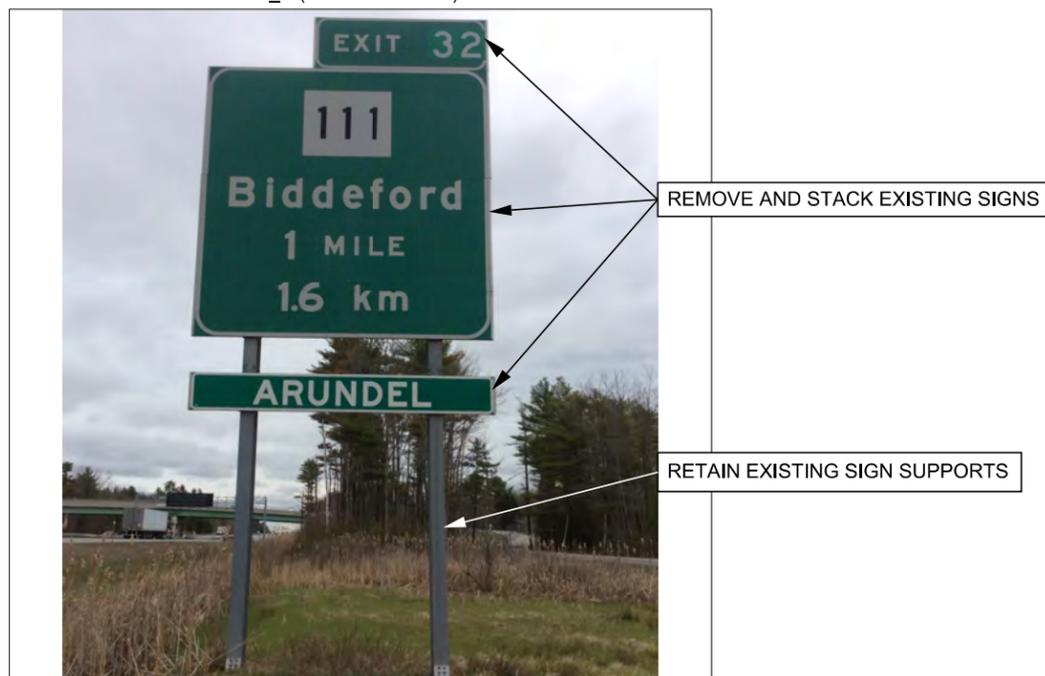
GM I-95 MM 29.84_N

SHEET NUMBER: 40
CONTRACT: 2018.13
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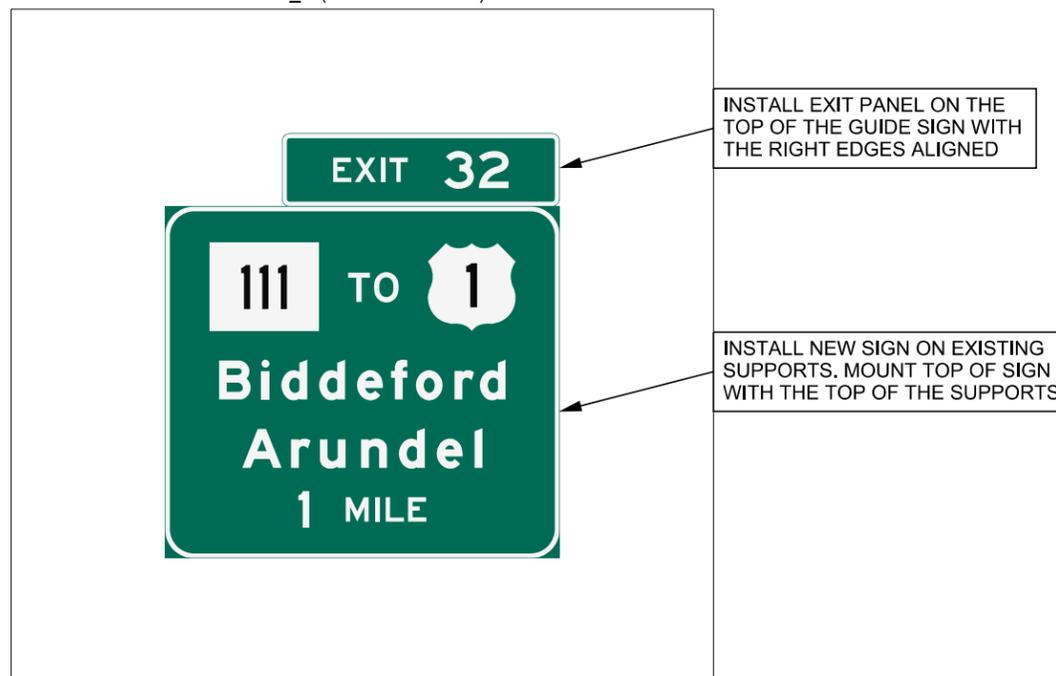
Date: 11/27/2017



EXISTING GM I-95 MM 30.26_N (MTA SGN 40802) SIGN FACE



PROPOSED GM I-95 MM 30.26_N (MTA SGN 6263) SIGN FACE



Filename: ... \041_55086.03_Sign_085.dgn



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GM I-95 MM 30.26_N

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

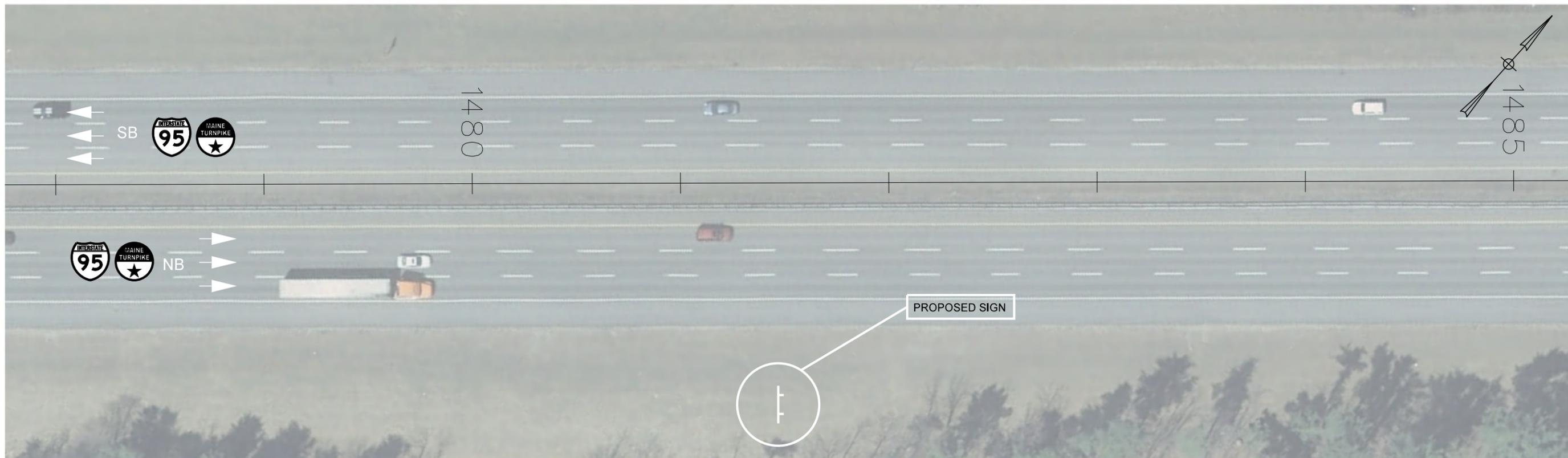
MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2018.13

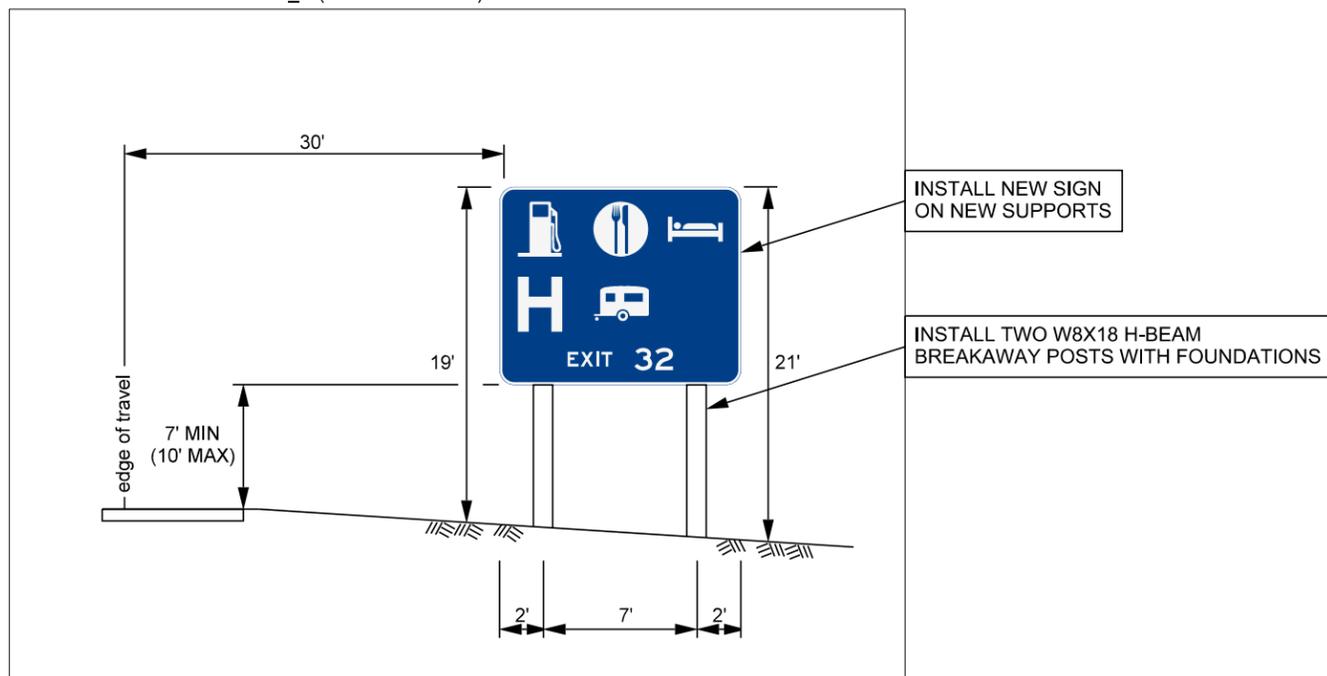
SHEET NUMBER: 41

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Date: 11/27/2017



PROPOSED GM I-95 MM 30.62_N (MTA SGN 6262) SIGN FACE



Filename: ... \042_55086.03_Sign_086.dgn



No.	Revision	By	Date

Designed by:

CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
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MTA PROJECT MANAGER: R. NORWOOD, IV

**MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE III**

GM I-95 MM 30.62_N

SHEET NUMBER: 42
 CONTRACT: 2018.13
 42 OF 101

Date: 11/27/2017



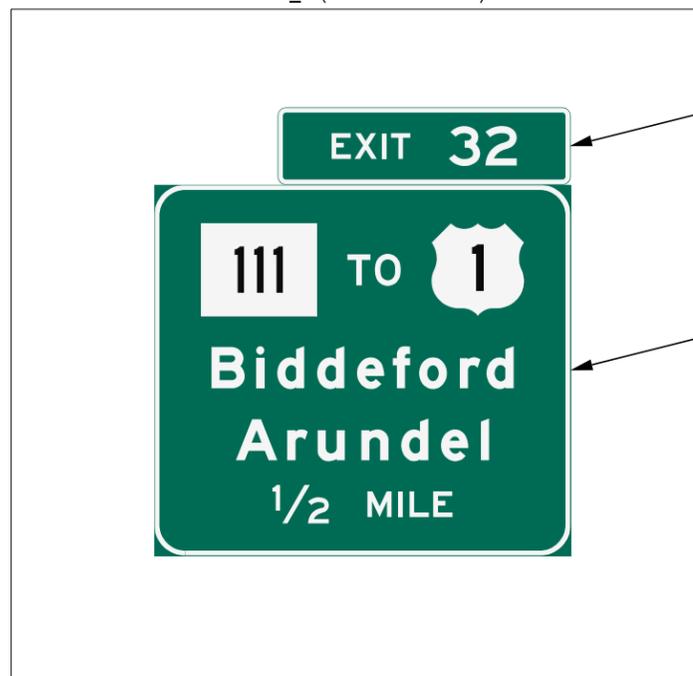
EXISTING GM I-95 MM 30.80_N (MTA SGN 40807) SIGN FACE



REMOVE AND STACK EXISTING SIGNS

RETAIN EXISTING SUPPORTS AND FOUNDATIONS

PROPOSED GM I-95 MM 30.80_N (MTA SGN 6261) SIGN FACE



INSTALL EXIT PANEL ON THE TOP OF THE GUIDE SIGN WITH THE RIGHT EDGES ALIGNED

INSTALL NEW SIGN ON EXISTING SUPPORTS MOUNT TOP OF SIGN WITH TOP OF SUPPORTS

Filename: ...043_55086_03_Sign_087.dgn

Scale: 25 0 25 50
Scale in Feet

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

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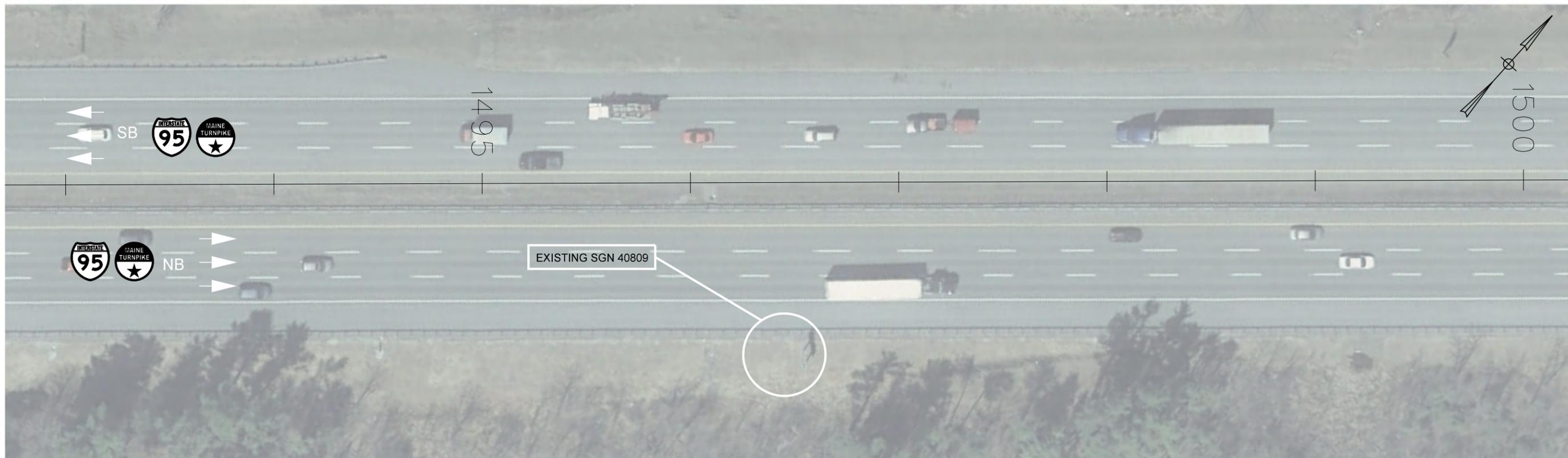
MTA PROJECT MANAGER: R. NORWOOD, IV

**MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III**

GM I-95 MM 30.80_N

SHEET NUMBER: 43
CONTRACT: 2018.13
43 OF 101

Date:12/18/2017



EXISTING GM I-95 MM 30.94_N (MTA SGN 40809) SIGN FACE



REMOVE AND STACK EXISTING SIGN

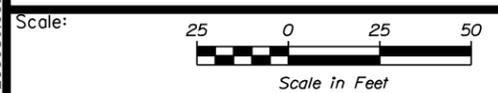
RETAIN EXISTING SIGN SUPPORTS

PROPOSED GM I-95 MM 30.94_N (MTA SGN 6260) SIGN FACE



INSTALL NEW SIGN ON EXISTING SUPPORTS MOUNT TOP OF SIGN WITH TOP OF SUPPORTS

Filename: ... \044_55086.03_Sign_088.dgn



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MAINE TURNPIKE
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GM I-95 MM 30.94_N

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

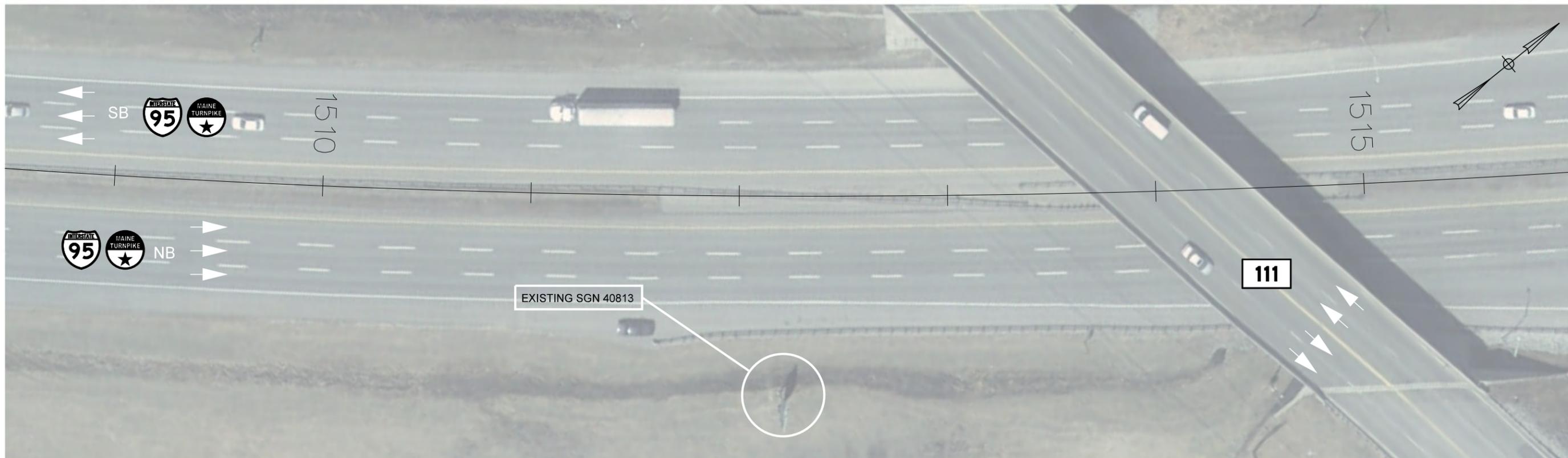
MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT:2018.13

SHEET NUMBER: 44

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Date: 11/27/2017



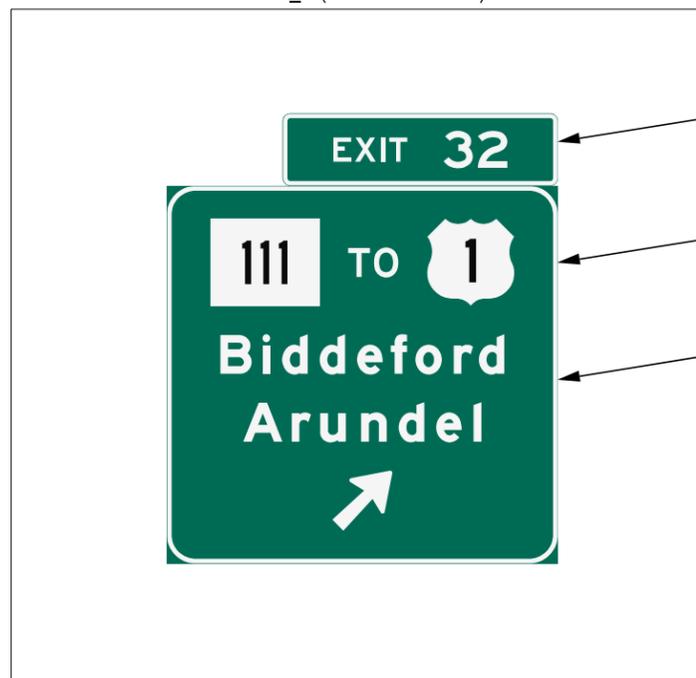
EXISTING GM I-95 MM 31.27_N (MTA SGN 40813) SIGN FACE



REMOVE AND STACK EXISTING SIGNS

RETAIN EXISTING SUPPORTS AND FOUNDATIONS

PROPOSED GM I-95 MM 31.27_N (MTA SGN 6258) SIGN FACE

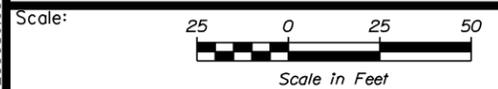


INSTALL EXIT PANEL ON THE TOP OF THE GUIDE SIGN WITH THE RIGHT EDGES ALIGNED

INSTALL 2-4' PANEL SUPPORTS TO PROVIDE SUPPORT FOR THE LENGTH OF THE SIGN THAT EXTENDS BEYOND THE EXISTING POSTS

INSTALL NEW SIGN ON EXISTING SUPPORTS 2 INCHES ABOVE HINGE PLATES

Filename: ... \045_55086_03_Sign_090.dgn



No.	Revision	By	Date

Designed by:

CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
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MTA PROJECT MANAGER: R. NORWOOD, IV

MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE III

GM I-95 MM 31.27_N

SHEET NUMBER: 45
 CONTRACT: 2018.13
 45 OF 101

Date: 11/27/2017



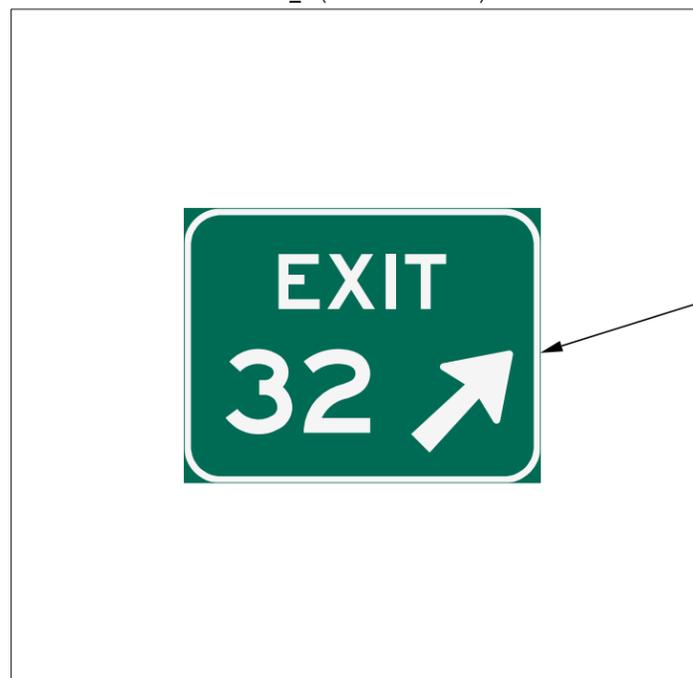
EXISTING GM I-95 MM 31.42_N (MTA SGN 40817) SIGN FACE



REMOVE AND STACK EXISTING SIGN

RETAIN EXISTING SIGN SUPPORTS

PROPOSED GM I-95 MM 31.42_N (MTA SGN 6257) SIGN FACE



INSTALL NEW SIGN ON EXISTING SUPPORTS. MOUNT TOP OF SIGN WITH THE TOP OF THE SUPPORTS

Filename: ... \046_55086_03_Sign_091.dgn



No.	Revision	By	Date

Designed by:

CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

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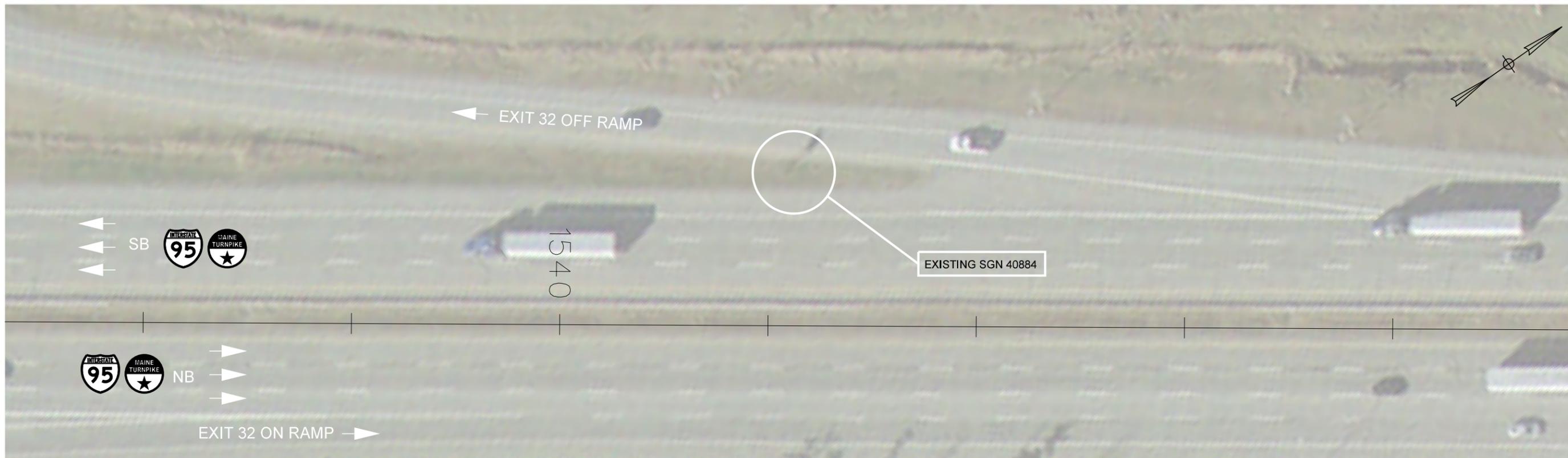
MTA PROJECT MANAGER: R. NORWOOD, IV

**MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III**

GM I-95 MM 31.42_N

SHEET NUMBER: 46
CONTRACT: 2018.13
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Date: 11/27/2017



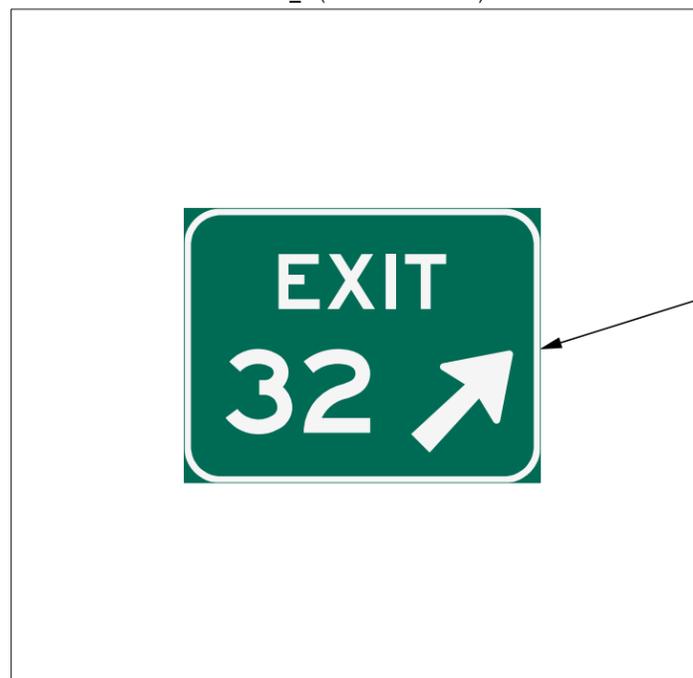
EXISTING GM I-95 MM 31.86_S (MTA SGN 40884) SIGN FACE



REMOVE AND STACK EXISTING SIGN

RETAIN EXISTING SIGN SUPPORTS

PROPOSED GM I-95 MM 31.86_S (MTA SGN 6256) SIGN FACE



INSTALL NEW SIGN ON EXISTING SUPPORTS. MOUNT TOP OF SIGN WITH THE TOP OF THE SUPPORTS



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MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III

GM I-95 MM 31.86_S

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS			
	By	Date	
Designed	MLG	11-2017	Checked MDS 11-2017
Drawn	JAR	11-2017	In Charge of MDS 11-2017

MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2018.13

SHEET NUMBER: 47

47 OF 101

Filename: ... \047_55086.03_Sign_092.dgn

Date: 11/27/2017



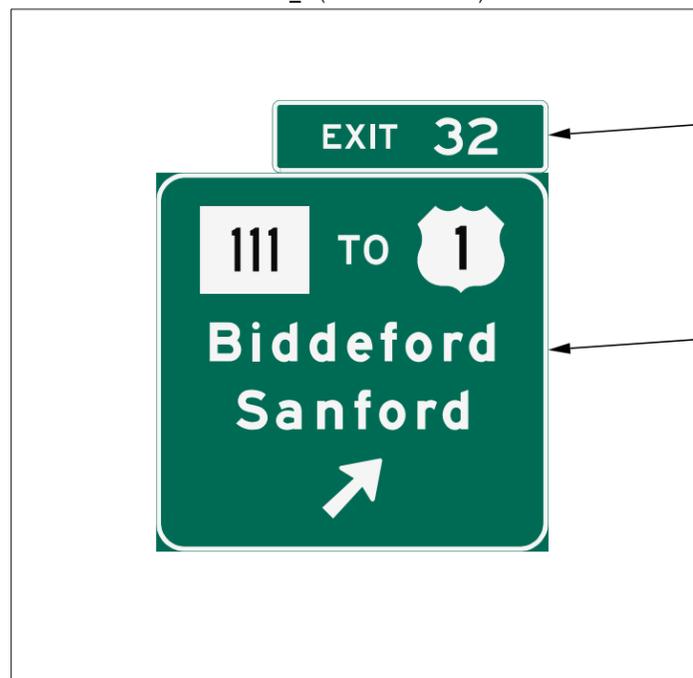
EXISTING GM I-95 MM 32.07_S (MTA SGN 50830) SIGN FACE



REMOVE AND STACK EXISTING SIGNS

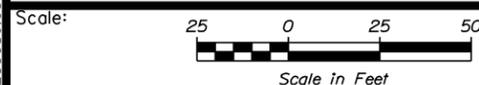
RETAIN EXISTING SUPPORTS AND FOUNDATIONS

PROPOSED GM I-95 MM 32.07_S (MTA SGN 6255) SIGN FACE



INSTALL EXIT PANEL ON THE TOP OF THE GUIDE SIGN WITH THE RIGHT EDGES ALIGNED

INSTALL NEW SIGN ON EXISTING SUPPORTS 2 INCHES ABOVE THE HINGE PLATES



No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

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MTA PROJECT MANAGER: R. NORWOOD, IV

MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III

GM I-95 MM 32.07_S

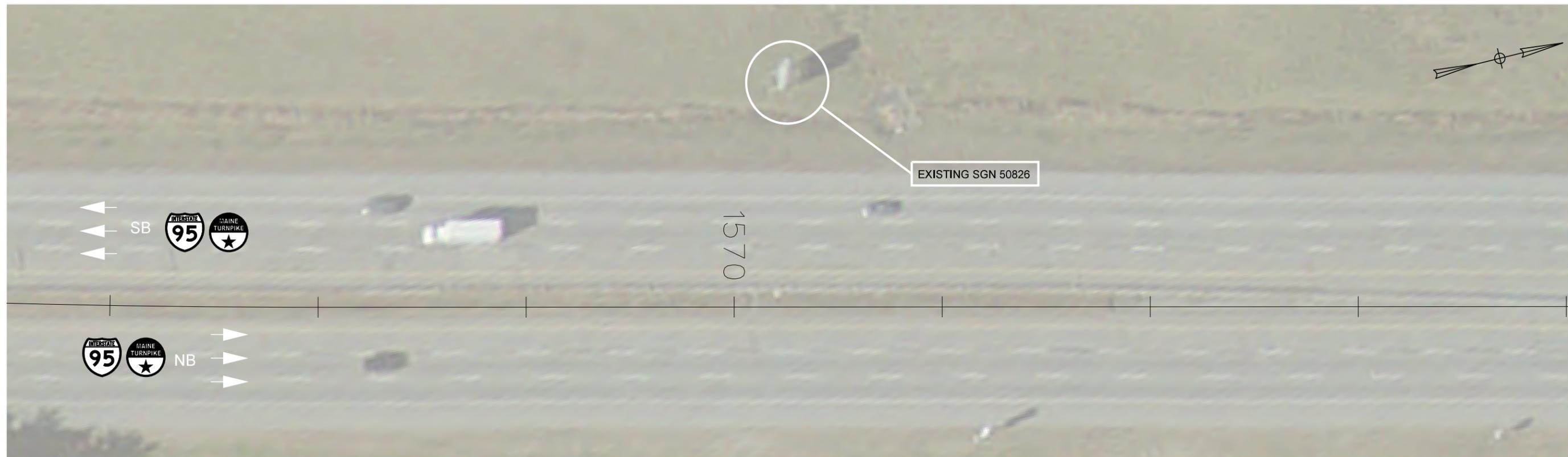
CONTRACT: 2018.13

SHEET NUMBER: 48

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Filename: ...048_55086_03_Sign_093.dgn

Date: 11/27/2017



EXISTING GM I-95 MM 32.42_S (MTA SGN 50826) SIGN FACE



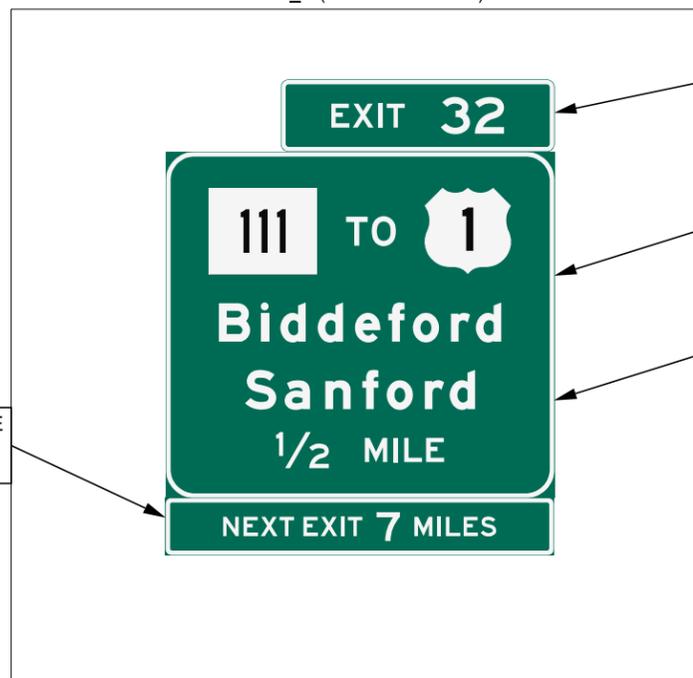
REMOVE AND STACK EXISTING SIGNS

SIGN PREVIOUSLY REMOVED BY OTHERS

RETAIN EXISTING SUPPORTS AND FOUNDATIONS

INSTALL SUPPLEMENTAL PLAQUE BELOW PRIMARY SIGN 2 INCHES ABOVE HINGE PLATES

PROPOSED GM I-95 MM 32.42_S (MTA SGN 6254) SIGN FACE



INSTALL EXIT PANEL ON THE TOP OF THE GUIDE SIGN WITH THE RIGHT EDGES ALIGNED

INSTALL 2-4' PANEL SUPPORTS TO PROVIDE SUPPORT FOR THE LENGTH OF THE SIGN THAT EXTENDS BEYOND THE EXISTING POSTS

INSTALL NEW SIGN ON EXISTING SUPPORTS



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MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III

GM I-95 MM 32.42_S

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2018.13

SHEET NUMBER: 49

49 OF 101

Filename: ... \049_55086_03_Sign_094.dgn

Date: 11/27/2017



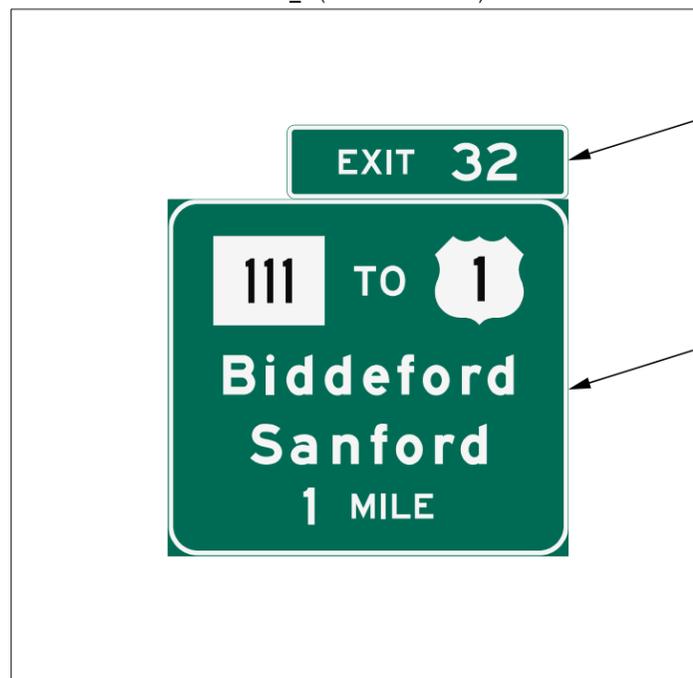
EXISTING GM I-95 MM 32.85_S (MTA SGN 50822) SIGN FACE



REMOVE AND STACK EXISTING SIGNS

RETAIN EXISTING SUPPORTS AND FOUNDATIONS

PROPOSED GM I-95 MM 32.85_S (MTA SGN 6253) SIGN FACE



INSTALL EXIT PANEL ON THE TOP OF THE GUIDE SIGN WITH THE RIGHT EDGES ALIGNED

INSTALL NEW SIGN ON EXISTING SUPPORTS MOUNT THE TOP OF THE SIGN WITH THE TOP OF THE SUPPORTS

Filename: ...050_55086_03_Sign_096.dgn



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MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III

GM I-95 MM 32.85_S

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

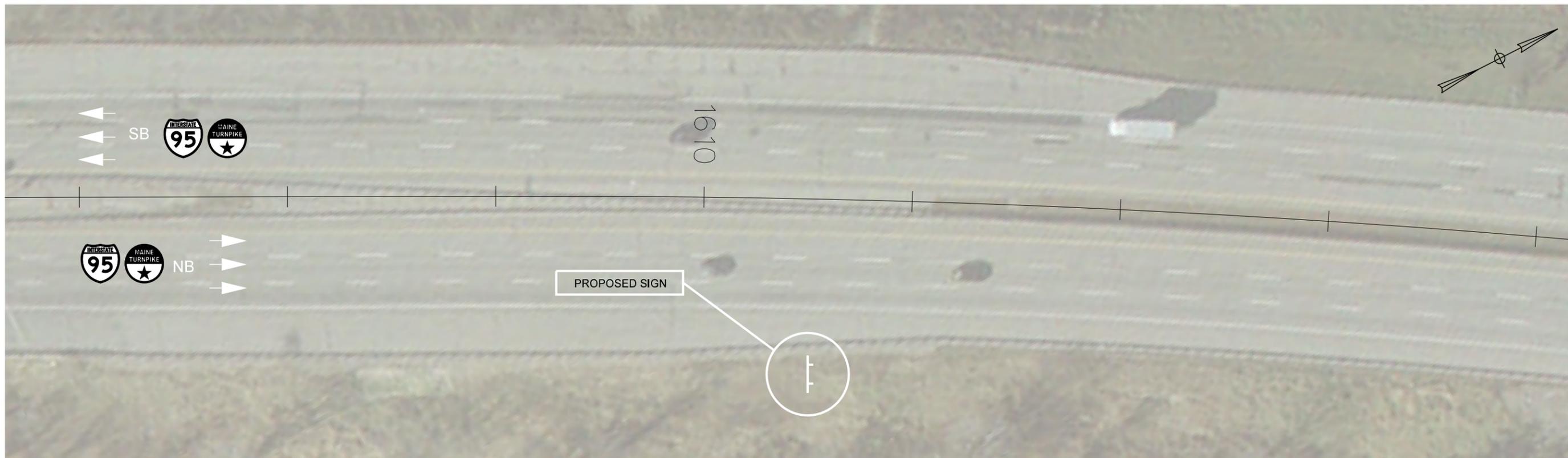
MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2018.13

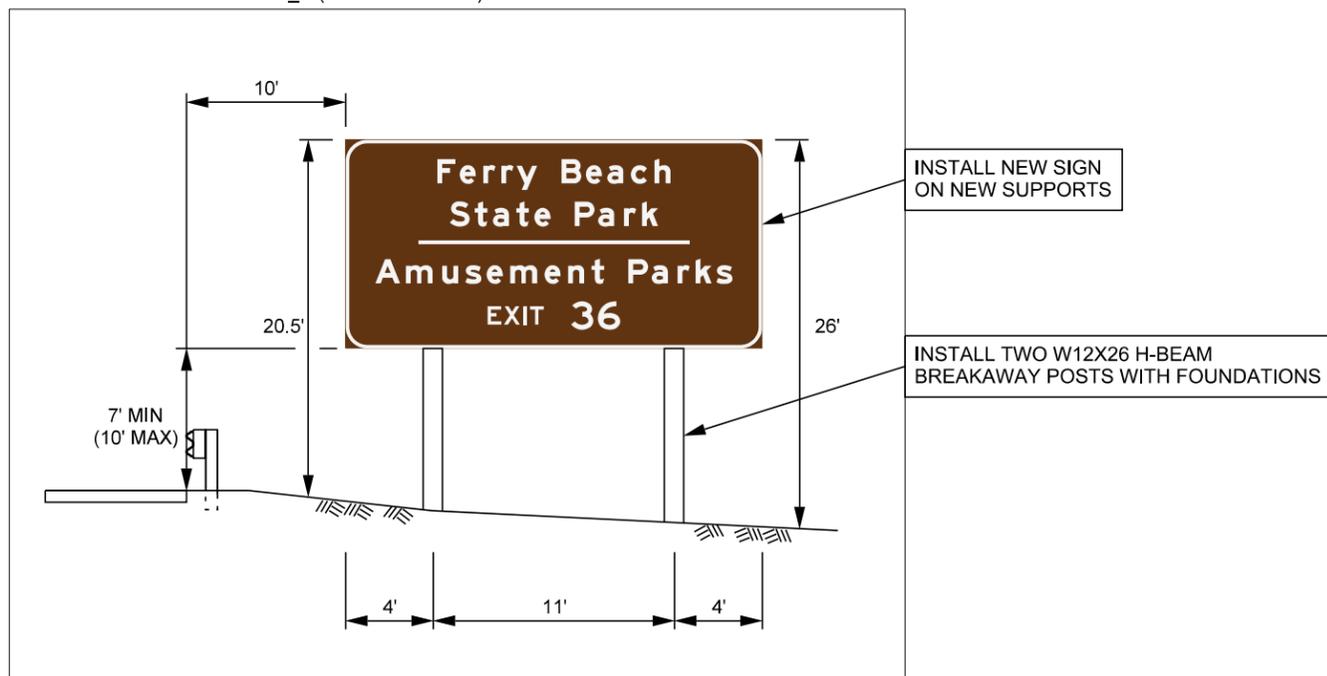
SHEET NUMBER: 50

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Date: 11/27/2017



PROPOSED GM I-95 MM 33.19_N (MTA SGN 6252) SIGN FACE



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MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III

GM I-95 MM 33.19_N

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2018.13

SHEET NUMBER: 51

51 OF 101

Filename: ... \051_55086.03_Sign_096a.dgn

Date: 11/27/2017



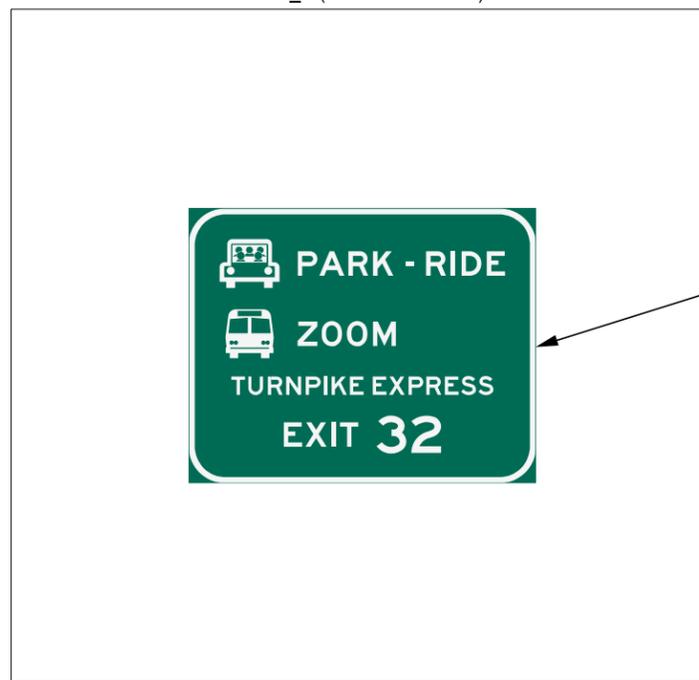
EXISTING GM I-95 MM 33.24_S (MTA SGN 50820) SIGN FACE



REMOVE AND STACK EXISTING SIGN

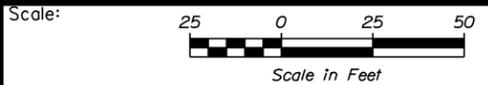
RETAIN EXISTING SIGN SUPPORTS

PROPOSED GM I-95 MM 33.24_S (MTA SGN 6251) SIGN FACE



INSTALL NEW SIGN ON EXISTING SUPPORTS. MOUNT TOP OF SIGN WITH THE TOP OF THE SUPPORTS

Filename: ...052_55086_03_Sign_097.dgn



No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

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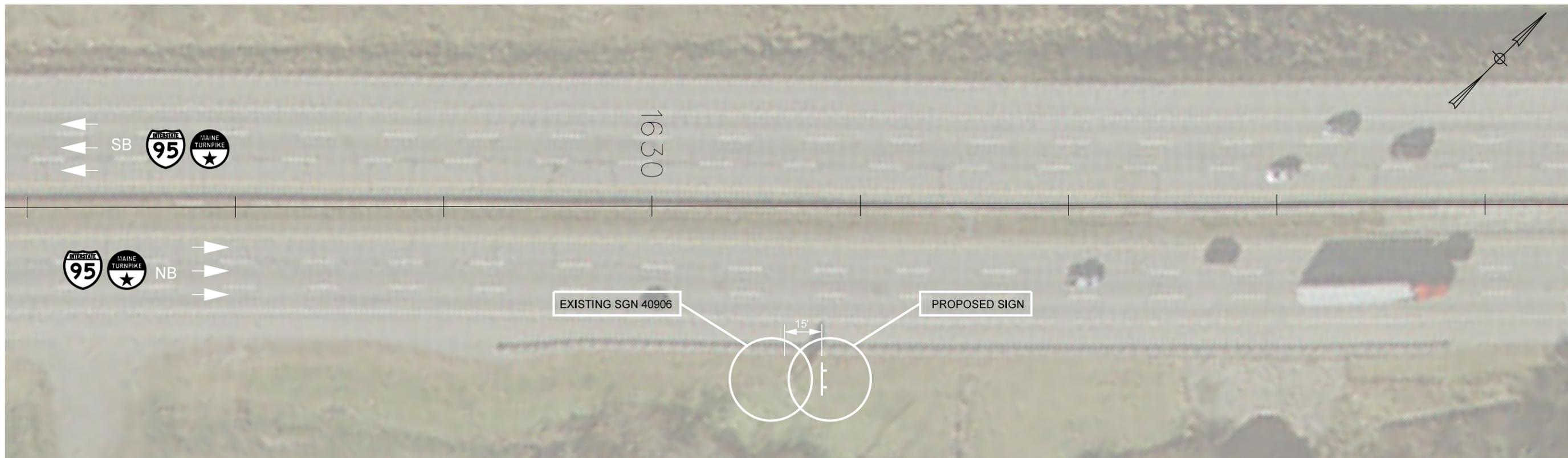
MTA PROJECT MANAGER: R. NORWOOD, IV

**MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE III**

GM I-95 MM 33.24_S

SHEET NUMBER: 52
 CONTRACT: 2018.13
 52 OF 101

Date: 11/27/2017



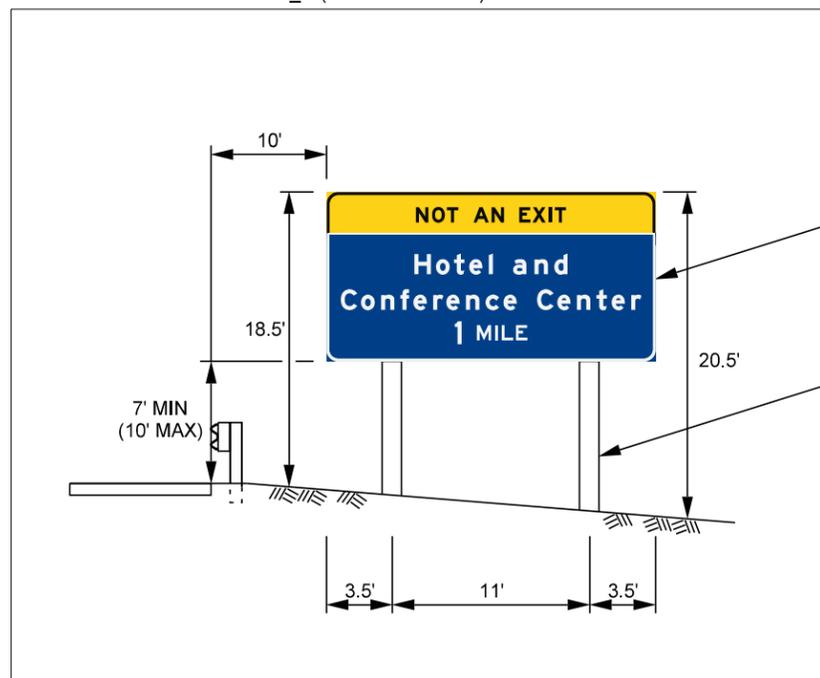
EXISTING GM I-95 MM 33.55_N (MTA SGN 40906) SIGN FACE



REMOVE AND STACK EXISTING SIGN

REMOVE EXISTING SIGN SUPPORTS AND FOUNDATIONS

PROPOSED GM I-95 MM 33.55_N (MTA SGN 6248) SIGN FACE



INSTALL NEW SIGN ON NEW SUPPORTS 15 FEET BEHIND EXISTING SIGN

INSTALL TWO W12X26 H-BEAM BREAKAWAY POSTS WITH FOUNDATIONS



Designed by:



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MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III

GM I-95 MM 33.55_N

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

MTA PROJECT MANAGER: R. NORWOOD, IV

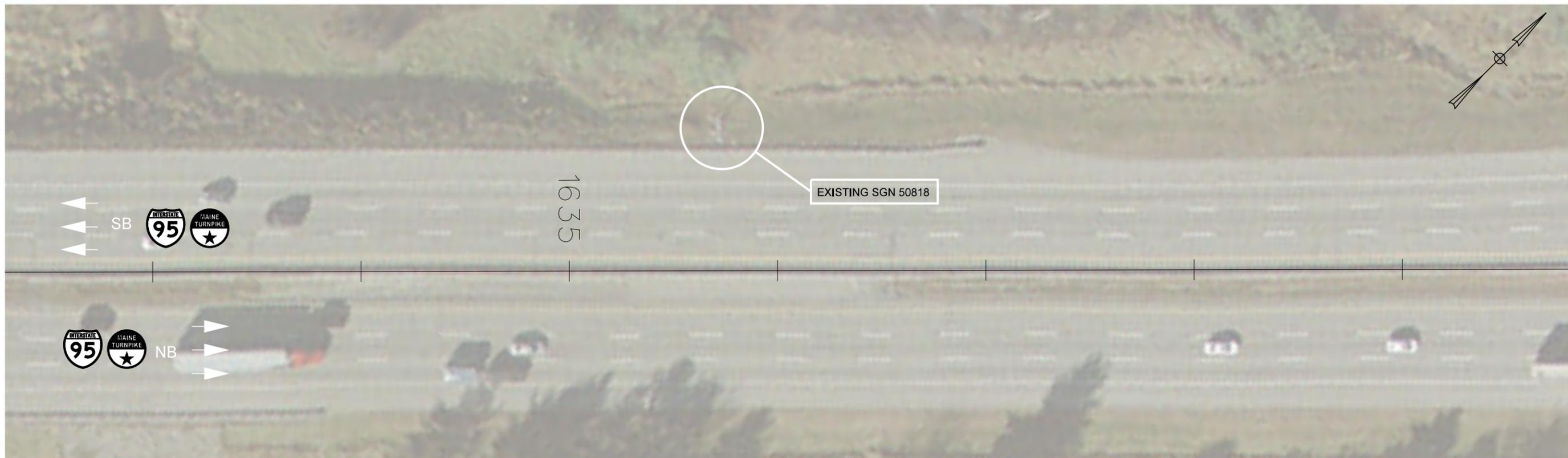
CONTRACT: 2018.13

SHEET NUMBER: 54

54 OF 101

Filename: ...054_55086.03_Sign_100.dgn

Date: 12/18/2017



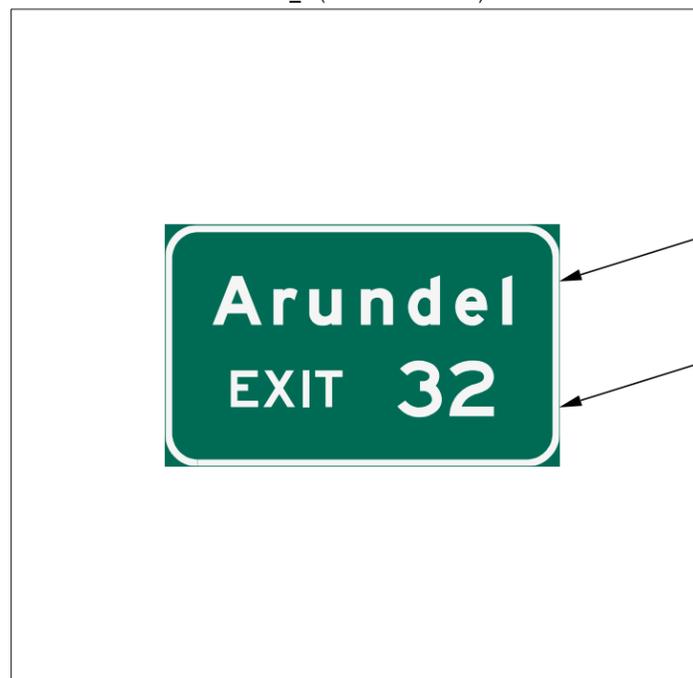
EXISTING GM I-95 MM 33.66_S (MTA SGN 50818) SIGN FACE



REMOVE AND STACK EXISTING SIGNS

RETAIN EXISTING LOWER SIGN SUPPORTS

PROPOSED GM I-95 MM 33.66_S (MTA SGN 6247) SIGN FACE



INSTALL NEW W8x18 TOP PORTION OF SUPPORTS AND HINGE PLATES

INSTALL NEW SIGN ON EXISTING SUPPORTS 2 INCHES ABOVE THE HINGE PLATES



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MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III

GM I-95 MM 33.66_S

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

MTA PROJECT MANAGER: R. NORWOOD, IV

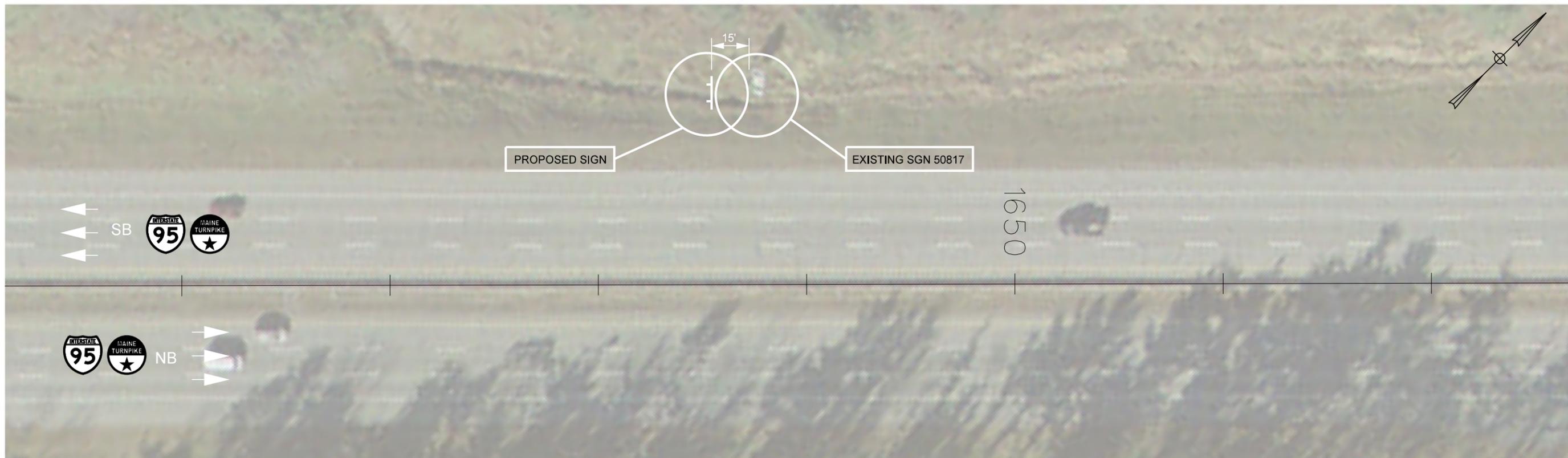
CONTRACT: 2018.13

SHEET NUMBER: 55

55 OF 101

Filename: ... \055_55086_03_Sign_102.dwg

Date: 11/27/2017



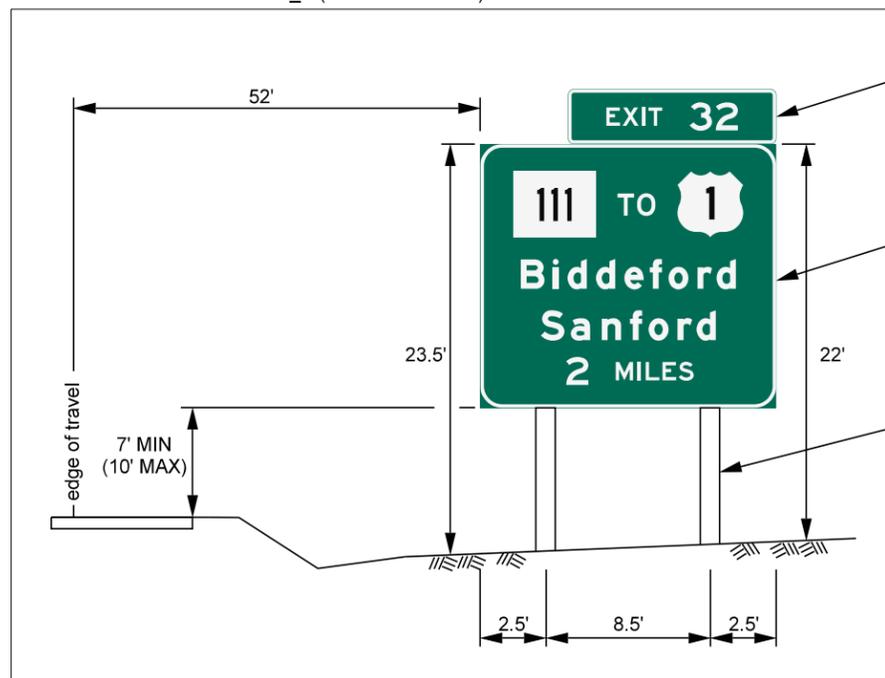
EXISTING GM I-95 MM 33.90_S (MTA SGN 50817) SIGN FACE



REMOVE AND STACK EXISTING SIGNS

REMOVE EXISTING SUPPORTS AND FOUNDATIONS

PROPOSED GM I-95 MM 33.90_S (MTA SGN 6246) SIGN FACE



INSTALL EXIT PANEL ON THE TOP OF THE GUIDE SIGN WITH THE RIGHT EDGES ALIGNED

INSTALL NEW SIGNS ON NEW SUPPORTS 15 FEET BEHIND EXISTING SIGN

INSTALL TWO W12X26 H-BEAM BREAKAWAY POSTS WITH FOUNDATIONS

Filename: ...056_55086_03_Sign_103.dwg



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THE GOLD STAR
MEMORIAL HIGHWAY

MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III

GM I-95 MM 33.90_S

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2018.13

SHEET NUMBER: 56

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Date: 11/27/2017



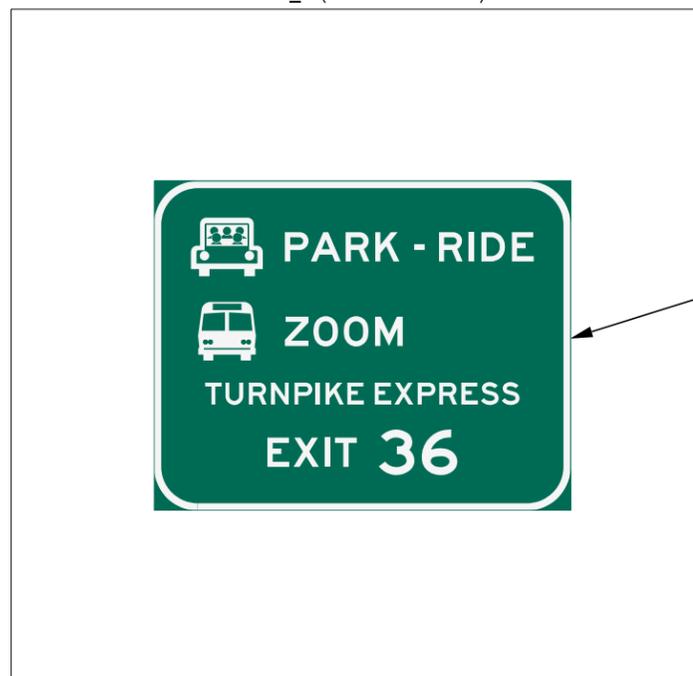
EXISTING GM I-95 MM 33.97_N (MTA SGN 40908) SIGN FACE



REMOVE AND STACK EXISTING SIGN

RETAIN EXISTING SIGN SUPPORTS

PROPOSED GM I-95 MM 33.97_N (MTA SGN 6245) SIGN FACE



INSTALL NEW SIGN ON EXISTING SUPPORTS. MOUNT TOP OF SIGN WITH THE TOP OF THE SUPPORTS

Filename: ...057_55086_03_Sign_104.dgn



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GM I-95 MM 33.97_N

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2018.13

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Date: 11/27/2017



EXISTING GM I-95 MM 34.34_N (MTA SGN 40912) SIGN FACE



REMOVE AND STACK EXISTING SIGNS

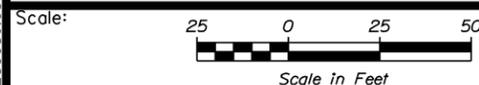
PROPOSED GM I-95 MM 34.34_N (MTA SGN 6244) SIGN FACE



INSTALL EXIT PANEL ON THE TOP OF THE GUIDE SIGN WITH THE RIGHT EDGES ALIGNED

INSTALL NEW SIGN ON EXISTING SUPPORTS. MOUNT TOP OF SIGN WITH THE TOP OF THE SUPPORTS

INSTALL SUPPLEMENTAL PLAQUE BELOW PRIMARY SIGN



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GM I-95 MM 34.34_N

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS

	By	Date	By	Date
Designed	MLG	11-2017	Checked	MDS 11-2017
Drawn	JAR	11-2017	In Charge of	MDS 11-2017

MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2018.13

SHEET NUMBER: 58

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Filename: ...058_55086_03_Sign_105.dwg

Date: 11/27/2017



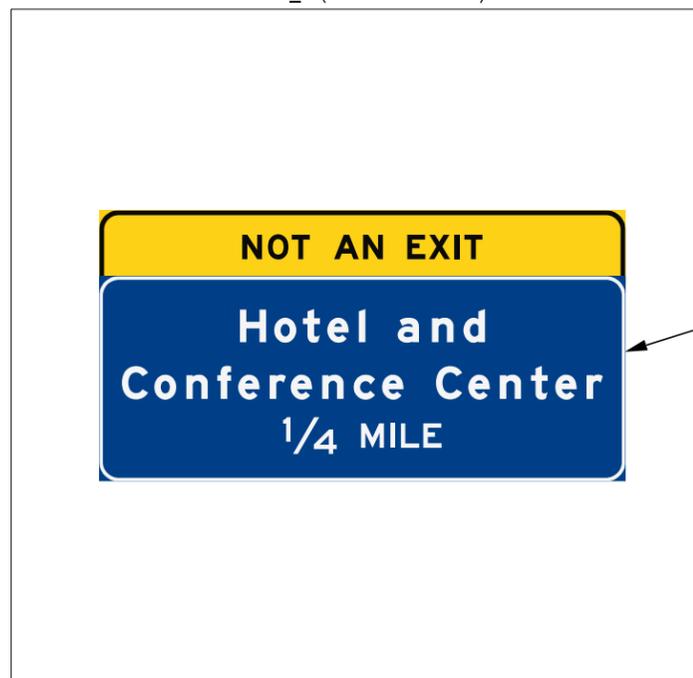
EXISTING GM I-95 MM 34.62_N (MTA SGN N/A) SIGN FACE



REMOVE AND STACK EXISTING SIGN

RETAIN EXISTING SIGN SUPPORTS

PROPOSED GM I-95 MM 34.62_N (MTA SGN 6243) SIGN FACE



INSTALL NEW SIGN ON EXISTING SUPPORTS
MOUNT TOP OF SIGN AT TOP OF EXISTING SUPPORTS

Filename: ...059_55086_03_Sign_106.dwg



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GM I-95 MM 34.62_N

No.	Revision	By	Date

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	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2018.13

SHEET NUMBER: 59

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Date: 12/18/2017

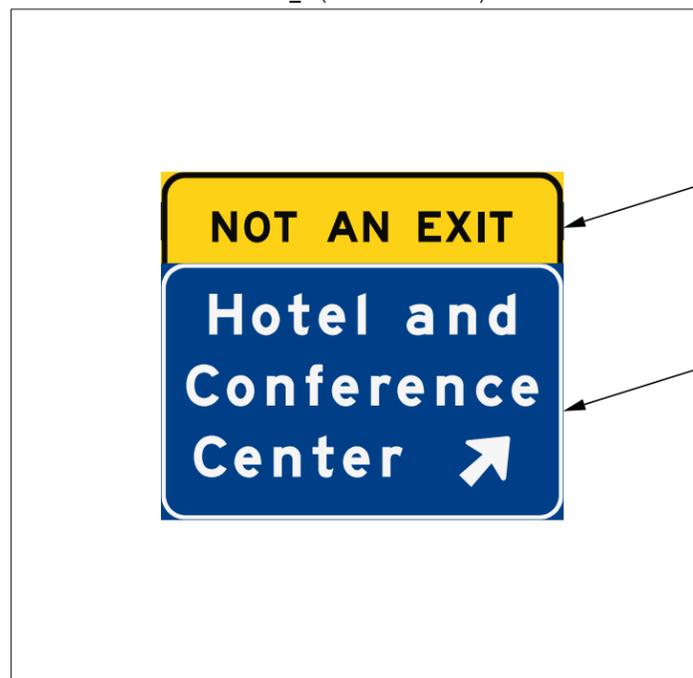


EXISTING GM I-95 MM 34.70_N (MTA SGN 40917) SIGN FACE



REMOVE AND STACK EXISTING SIGN

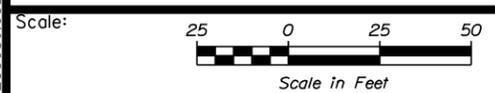
PROPOSED GM I-95 MM 34.70_N (MTA SGN 6242) SIGN FACE



INSTALL 3 - 6' PANEL SUPPORTS TO PROVIDE SUPPORT FOR THE LENGTH OF THE SIGN THAT EXTENDS BEYOND THE EXISTING POSTS. ONE SUPPORT SHALL BE CENTERED BETWEEN THE EXISTING POSTS. THE OTHER TWO SHALL BE CENTERED BETWEEN THE EDGE OF THE SIGN AND THE NEAREST POST.

INSTALL NEW SIGN ON EXISTING POSTS. MOUNT SIGN WITH 2.5 FEET ABOVE THE TOP OF EXISTING POSTS.

Filename: ... \060_55086_03_Sign_107.dwg



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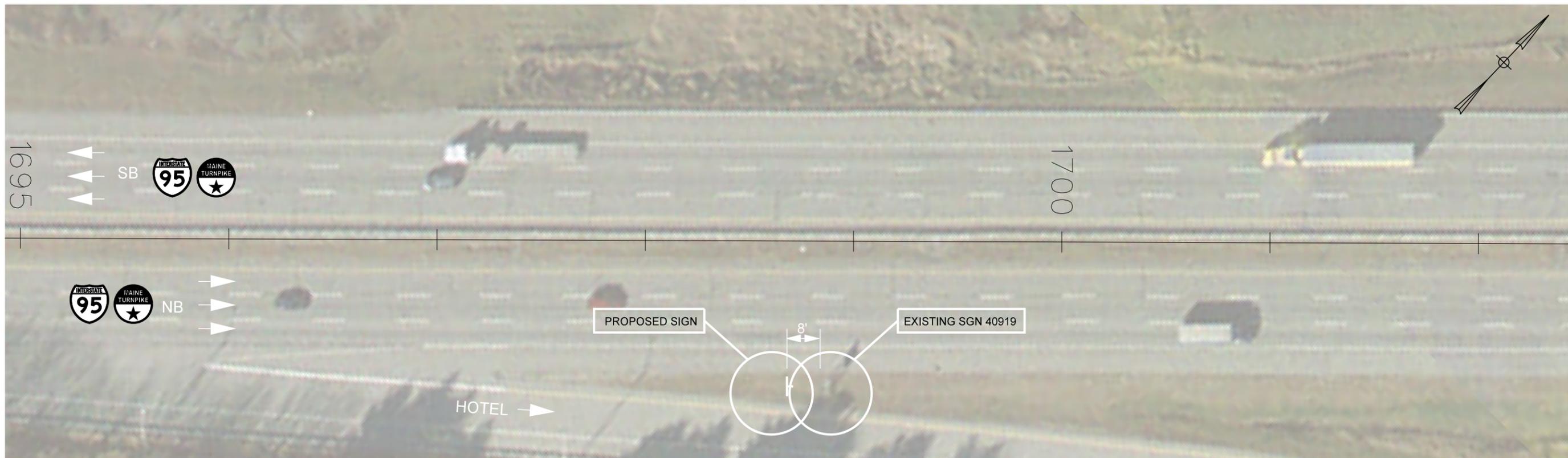
MTA PROJECT MANAGER: R. NORWOOD, IV

**MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III**

GM I-95 MM 34.70_N

SHEET NUMBER: 60
CONTRACT: 2018.13
60 OF 101

Date: 11/27/2017



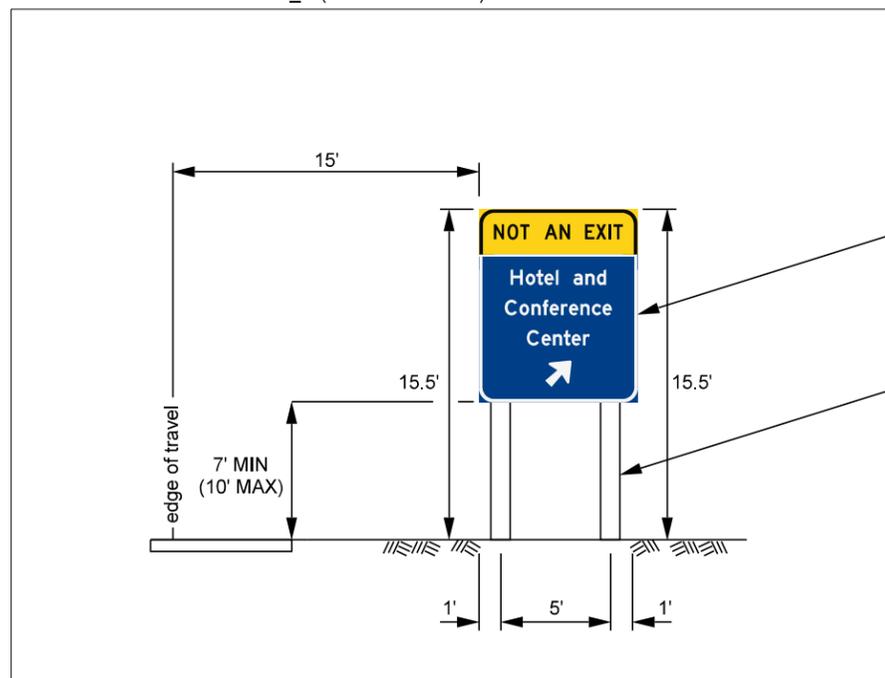
EXISTING GM I-95 MM 34.84_N (MTA SGN 40919) SIGN FACE



REMOVE AND STACK EXISTING SIGN

REMOVE EXISTING SUPPORTS AND FOUNDATIONS

PROPOSED GM I-95 MM 34.84_N (MTA SGN 6241) SIGN FACE



INSTALL NEW SIGNS ON NEW SUPPORTS 8 FEET IN FRONT OF EXISTING SIGN

INSTALL TWO W8X18 H-BEAM BREAKAWAY POSTS WITH FOUNDATIONS



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GM I-95 MM 34.84_N

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

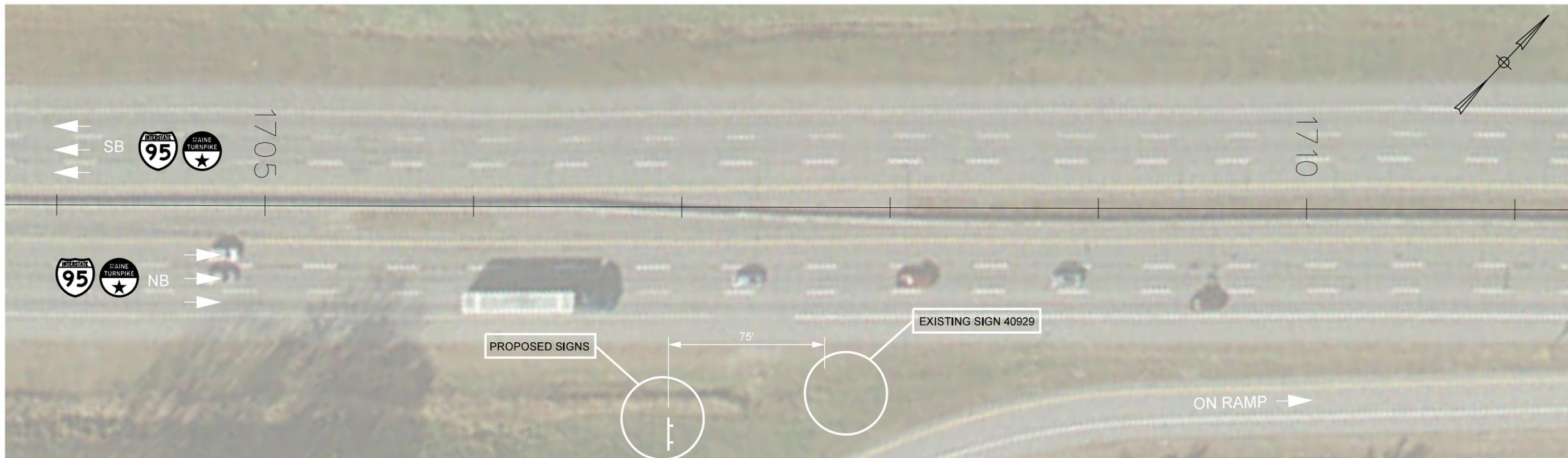
MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2018.13

SHEET NUMBER: 61

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Date: 11/27/2017



EXISTING GM I-95 MM 35.00_N (MTA SGN 40929) SIGN FACE

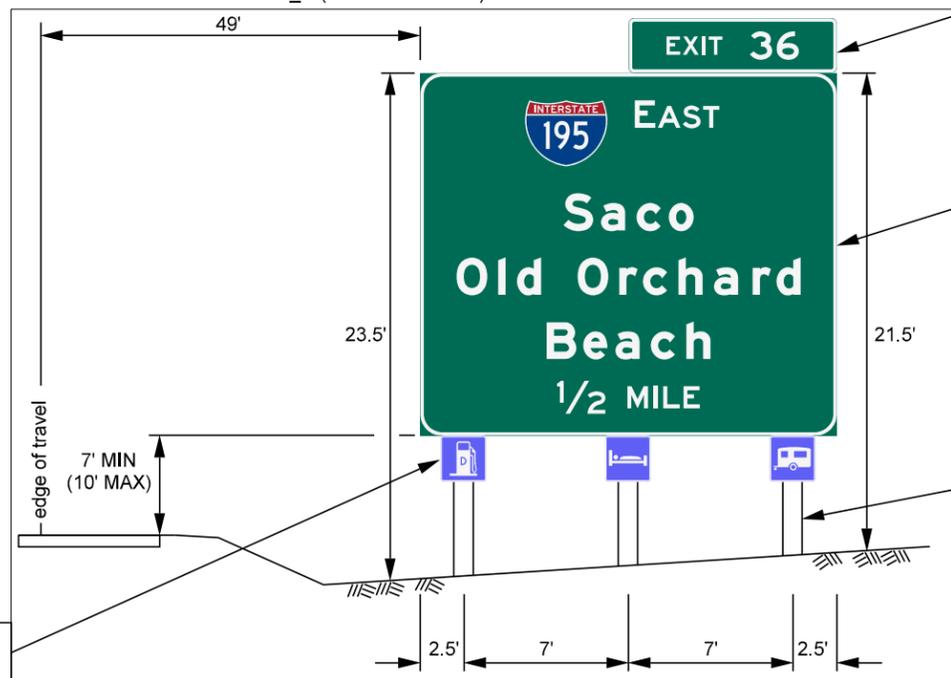


REMOVE AND STACK EXISTING SIGN

REMOVE EXISTING WOOD SUPPORTS

INSTALL SUPPLEMENTAL PLAQUES BELOW PRIMARY SIGN

PROPOSED GM I-95 MM 35.00_N (MTA SGN 6240) SIGN FACE



INSTALL EXIT PANEL ON THE TOP OF THE GUIDE SIGN WITH THE RIGHT EDGES ALIGNED

INSTALL NEW SIGN ON NEW SUPPORTS 75 FEET IN FRONT OF EXISTING SIGN

INSTALL THREE W16X57 H-BEAM POSTS WITH FOUNDATIONS

NOTE:
NO SIGN REPLACEMENT REQUIRED FOR EXIT DIRECTION SIGN FOR EXIT 36 NORTHBOUND



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GUIDE SIGN MODIFICATIONS, PHASE III

GM I-95 MM 35.00_N

No.	Revision	By	Date

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Designed	MLG	11-2017	Checked	MDS	11-2017
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MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2018.13

SHEET NUMBER: 62

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Filename: ...062_55086_03_Sign_109.dgn

Date: 11/27/2017



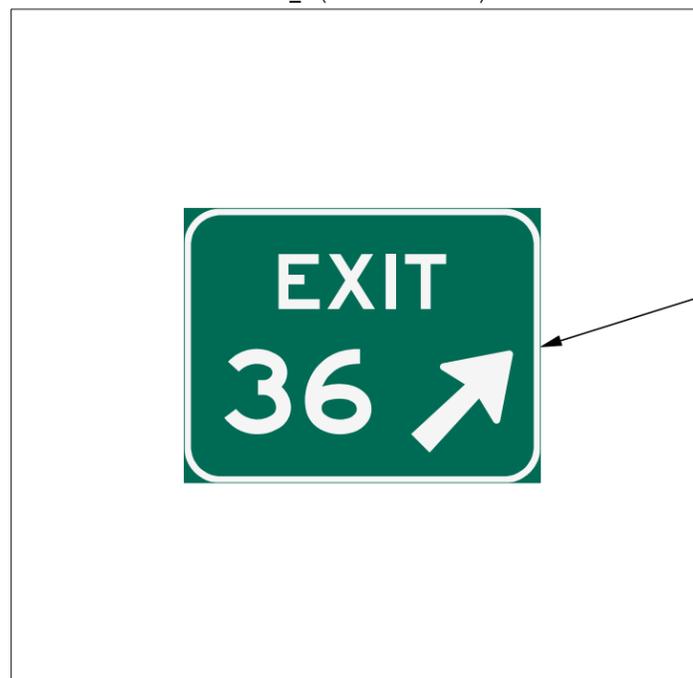
EXISTING GM I-95 MM 35.51_N (MTA SGN 40936) SIGN FACE



REMOVE AND STACK EXISTING SIGN

RETAIN EXISTING SIGN SUPPORTS

PROPOSED GM I-95 MM 35.51_N (MTA SGN 6239) SIGN FACE



INSTALL NEW SIGN ON EXISTING SUPPORTS 2 INCHES ABOVE THE HINGE PLATE

Filename: ... \063_55086_03_Sign_111.dgn

Scale: 25 0 25 50
Scale in Feet

No.	Revision	By	Date

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MTA PROJECT MANAGER: R. NORWOOD, IV

**MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III**

GM I-95 MM 35.51_N

SHEET NUMBER: 63
CONTRACT: 2018.13
63 OF 101

Date: 11/28/2017



PROPOSED OHSS I-195 OFF RAMP_WL SIGN FACE



REMOVE AND STACK EXISTING SIGN

INSTALL NEW SIGN ON EXISTING OVERHEAD SIGN STRUCTURE WITH BOTTOM ALIGNED WITH ADJACENT SIGN

DIG OUT AROUND LEFT SIDE FOUNDATION. CLEAN AND SEAL EXPOSED FOUNDATION

PROPOSED OHSS I-195 OFF RAMP_WL (MTA SGN 6363) SIGN FACE



INSTALL NEW W9-2 SIGN TWO FEET AWAY FROM MTA SIGN 6363 ON EXISTING OVERHEAD SIGN STRUCTURE. VERTICALLY CENTER W9-2 TO THE ADJACENT SIGN

NOTE: SEE OVERHEAD SIGN STRUCTURES SHEETS FOR HORIZONTAL SIGN PLACEMENT ON EXISTING STRUCTURE

Filename: ... \064_55086_03_Sign_252.dgn



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MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III
OHSS I-195 OFF RAMP TO I-95_WL

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2018.13

SHEET NUMBER: 64

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Date: 11/28/2017



PROPOSED OHSS I-195 OFF RAMP_WR SIGN FACE



REMOVE AND STACK EXISTING SIGN

PROPOSED OHSS I-195 OFF RAMP_WR (MTA SGN6364) SIGN FACE

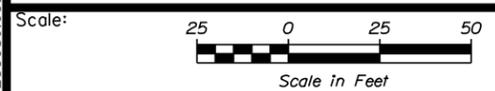


INSTALL NEW SIGN ON EXISTING OVERHEAD SIGN STRUCTURE WITH BOTTOM ALIGNED WITH ADJACENT SIGN

CHIP AWAY LOOSE CONCRETE FROM RIGHT SIDE FOUNDATION. REPAIR CONCRETE AND SEAL EXPOSED FOUNDATION

NOTE:
SEE OVERHEAD SIGN STRUCTURES SHEETS FOR HORIZONTAL SIGN PLACEMENT ON EXISTING STRUCTURE

Filename: ... \065_55086_03_Sign_253.dgn



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MTA PROJECT MANAGER: R. NORWOOD, IV

MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III
OHSS I-195 OFF RAMP TO I-95_WR

CONTRACT: 2018.13

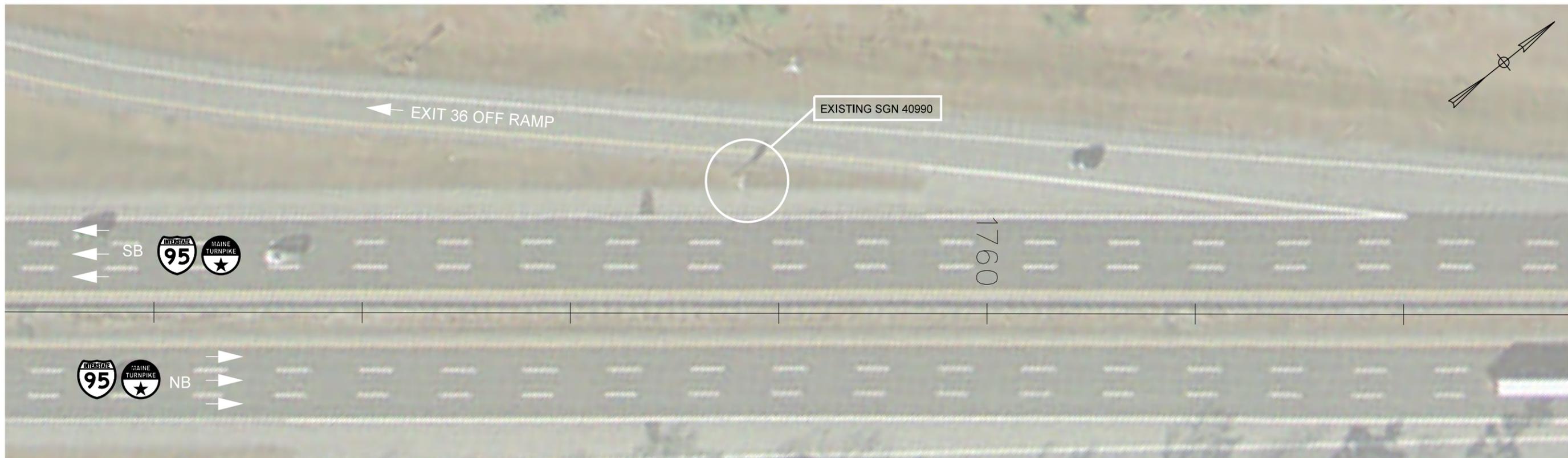
SHEET NUMBER: 65

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No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS			
	By	Date	
Designed	MLG	11-2017	Checked MDS 11-2017
Drawn	JAR	11-2017	In Charge of MDS 11-2017

Date: 11/27/2017



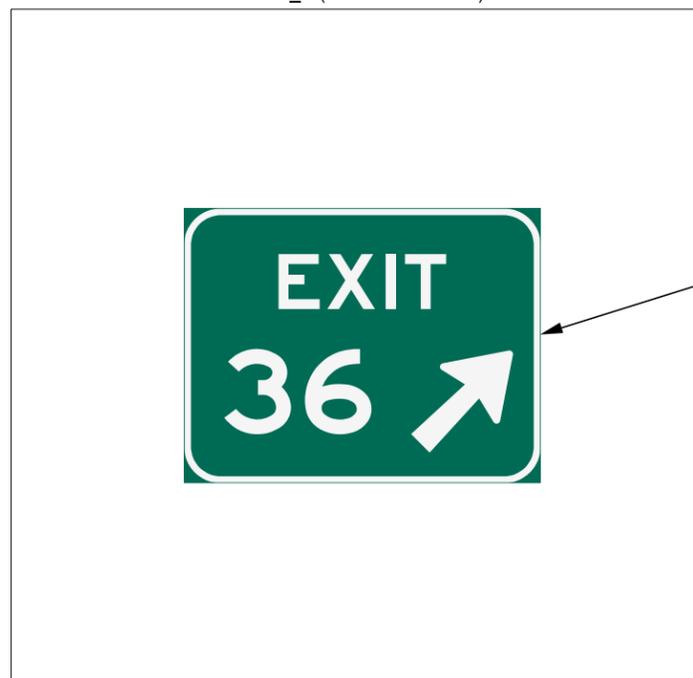
EXISTING GM I-95 MM 36.03_S (MTA SGN 40990) SIGN FACE



REMOVE AND STACK EXISTING SIGN

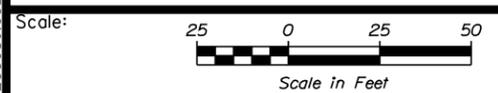
RETAIN EXISTING SIGN SUPPORTS

PROPOSED GM I-95 MM 36.03_S (MTA SGN 6237) SIGN FACE



INSTALL NEW SIGN ON EXISTING SUPPORT 2 INCHES ABOVE THE HINGE PLATE

Filename: ...066_55086.03_Sign_113.dgn



No.	Revision	By	Date

Designed by:

CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
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THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD, IV

MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE III
 GM I-95 MM 36.03_S

SHEET NUMBER: 66
 CONTRACT: 2018.13
 66 OF 101

Date: 11/27/2017



EXISTING GM I-95 MM 36.16_S (MTA SGN 50806) SIGN FACE



REMOVE AND STACK EXISTING SIGNS

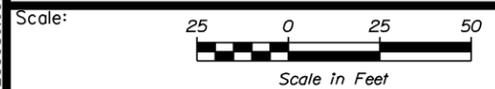
PROPOSED GM I-95 MM 36.16_S (MTA SGN 6236) SIGN FACE



INSTALL EXIT PANEL ON THE TOP OF THE GUIDE SIGN WITH THE RIGHT EDGES ALIGNED

INSTALL NEW SIGN ON EXISTING SUPPORTS. MOUNT THE TOP OF SIGN WITH THE TOP OF THE SUPPORTS

Filename: ...067_55086_03_Sign_114.dgn



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GUIDE SIGN MODIFICATIONS, PHASE III

GM I-95 MM 36.16_S

No.	Revision	By	Date

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Drawn	JAR	11-2017	In Charge of	MDS	11-2017

MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2018.13

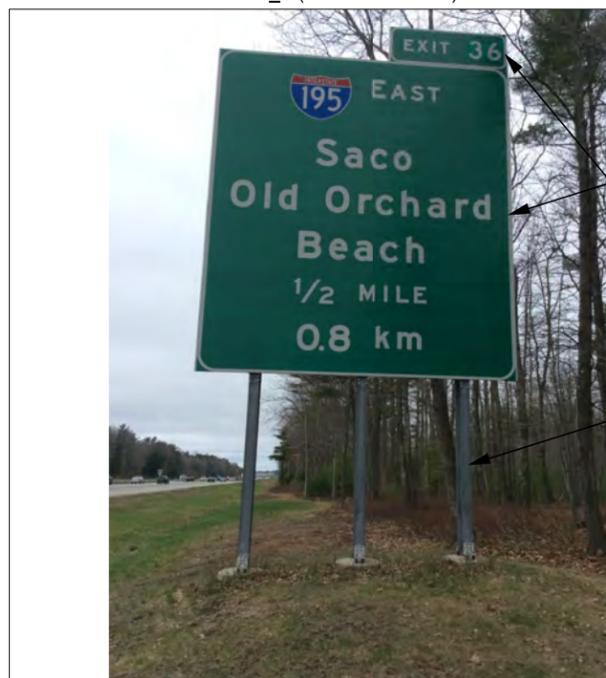
SHEET NUMBER: 67

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Date: 12/18/2017



EXISTING GM I-95 MM 36.77_S (MTA SGN 50804) SIGN FACE

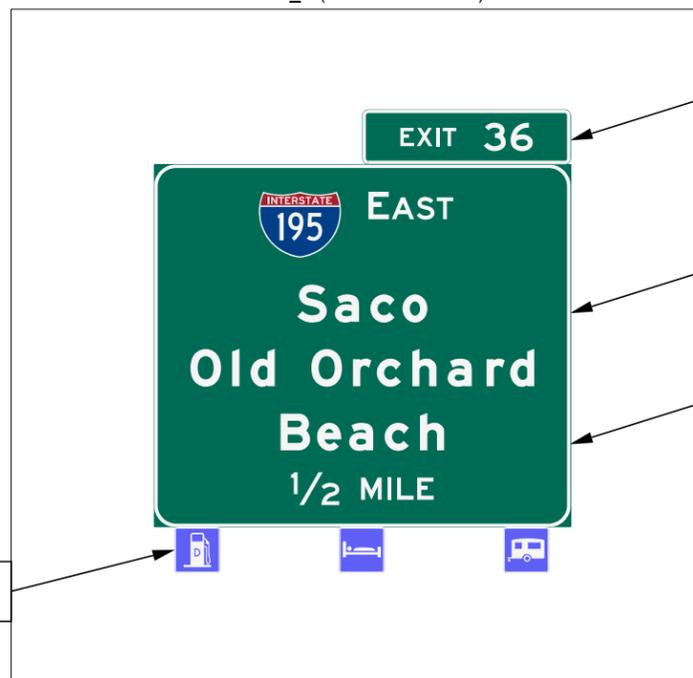


REMOVE AND STACK EXISTING SIGNS

RETAIN EXISTING LOWER SIGN SUPPORTS

INSTALL SUPPLEMENTAL PLAQUES BELOW PRIMARY SIGN

PROPOSED GM I-95 MM 36.77_S (MTA SGN 6235) SIGN FACE



INSTALL EXIT PANEL ON THE TOP OF THE GUIDE SIGN WITH THE RIGHT EDGES ALIGNED

INSTALL NEW SIGN ON EXISTING SUPPORTS 2 INCHES ABOVE THE HINGE PLATE

INSTALL NEW W14x30 TOP PORTION OF SUPPORTS AND HINGE PLATES



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GM I-95 MM 36.77_S

No.	Revision	By	Date

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Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

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CONTRACT: 2018.13

SHEET NUMBER: 68

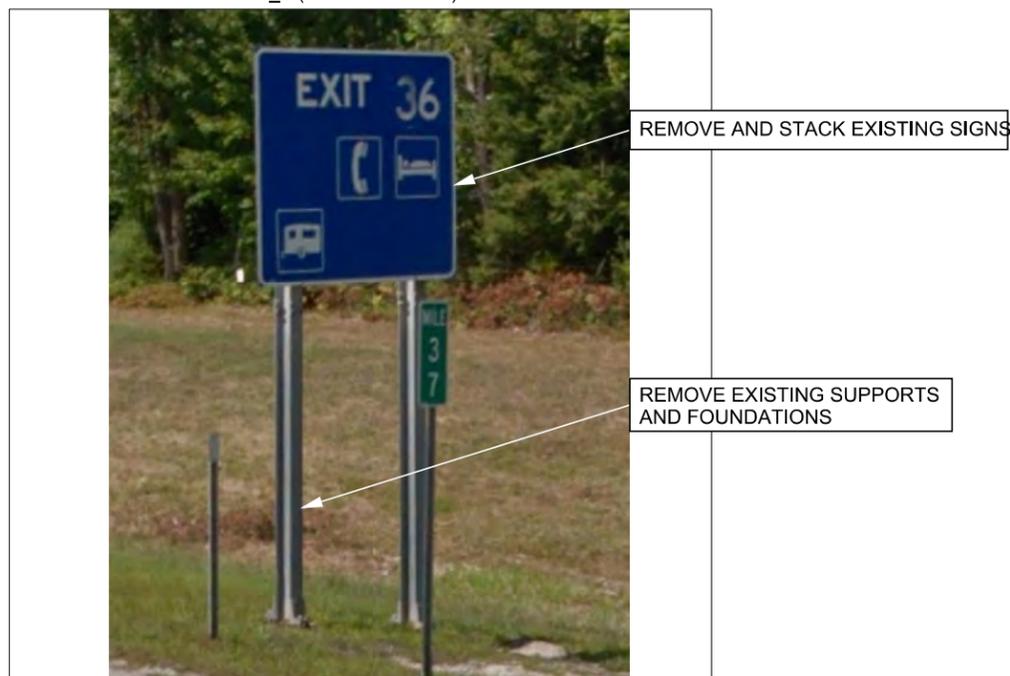
68 OF 101

Filename: ...068_55086_03_Sign_115.dgn

Date: 11/27/2017



EXISTING GM I-95 MM 37.00_S (MTA SGN 50802) SIGN FACE



Filename: ... \069_55086_03_Sign_116.dgn



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MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE III

GM I-95 MM 37.00_S

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

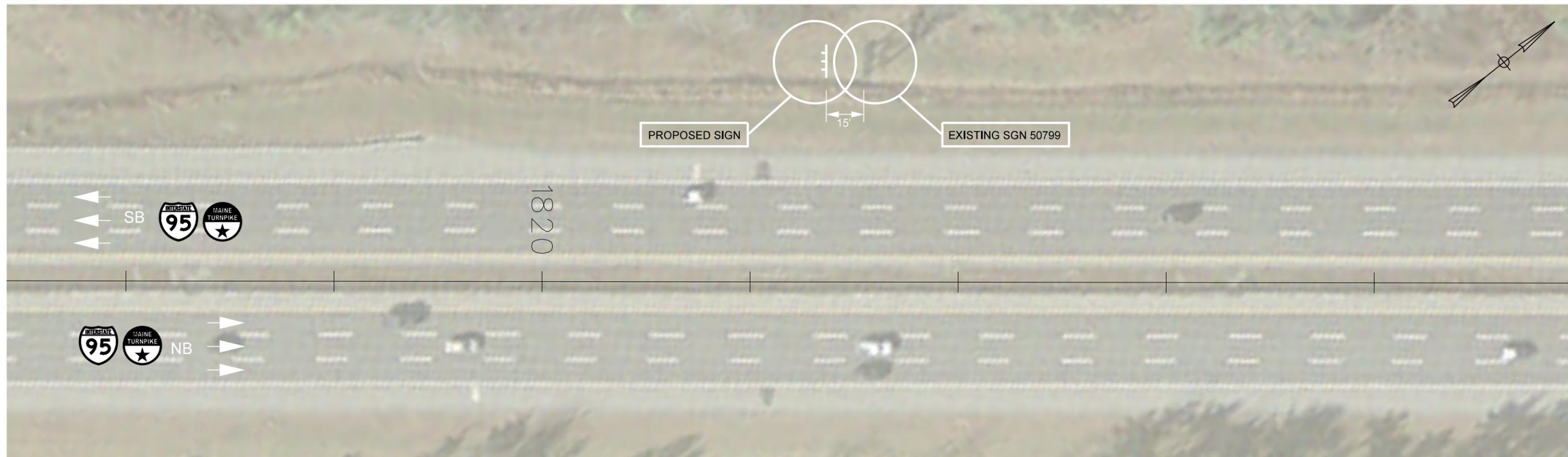
MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2018.13

SHEET NUMBER: 69

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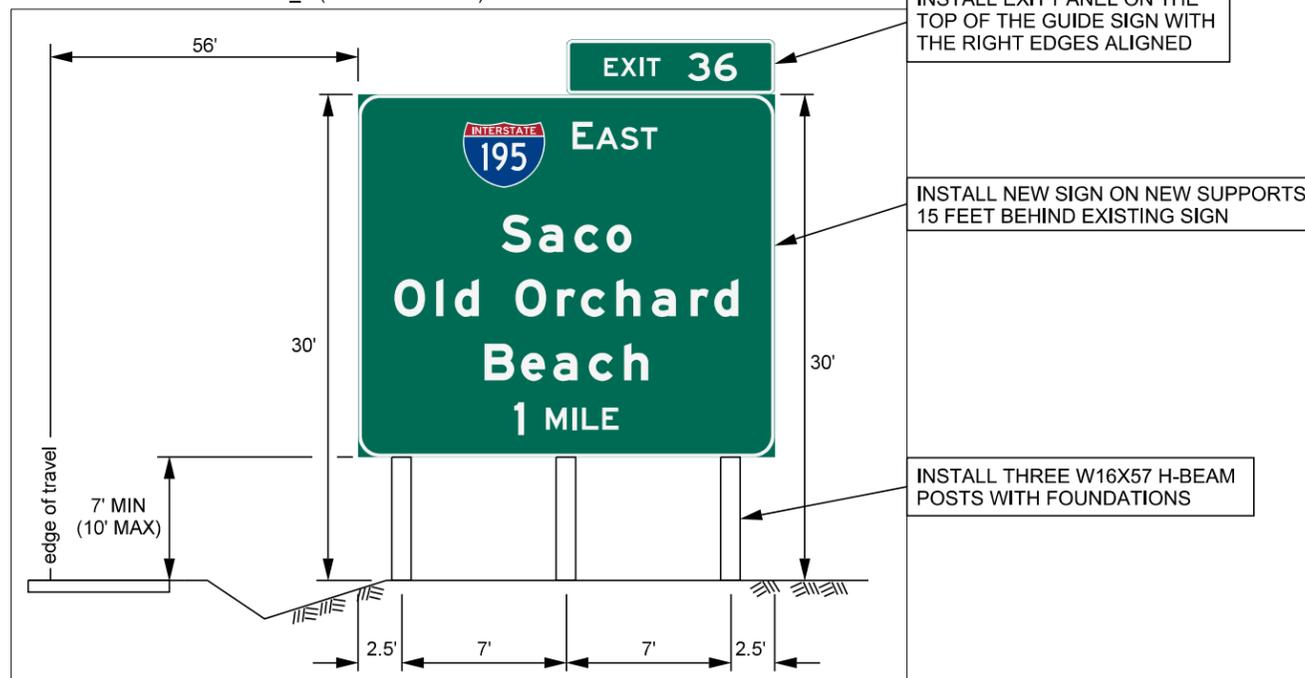
Date: 11/27/2017



EXISTING GM I-95 MM 37.24_S (MTA SGN 50799) SIGN FACE



PROPOSED GM I-95 MM 37.24_S (MTA SGN 6233) SIGN FACE



Filename: ... \070_55086_03_Sign_17.dgn



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GM I-95 MM 37.24_S

No.	Revision	By	Date

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	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

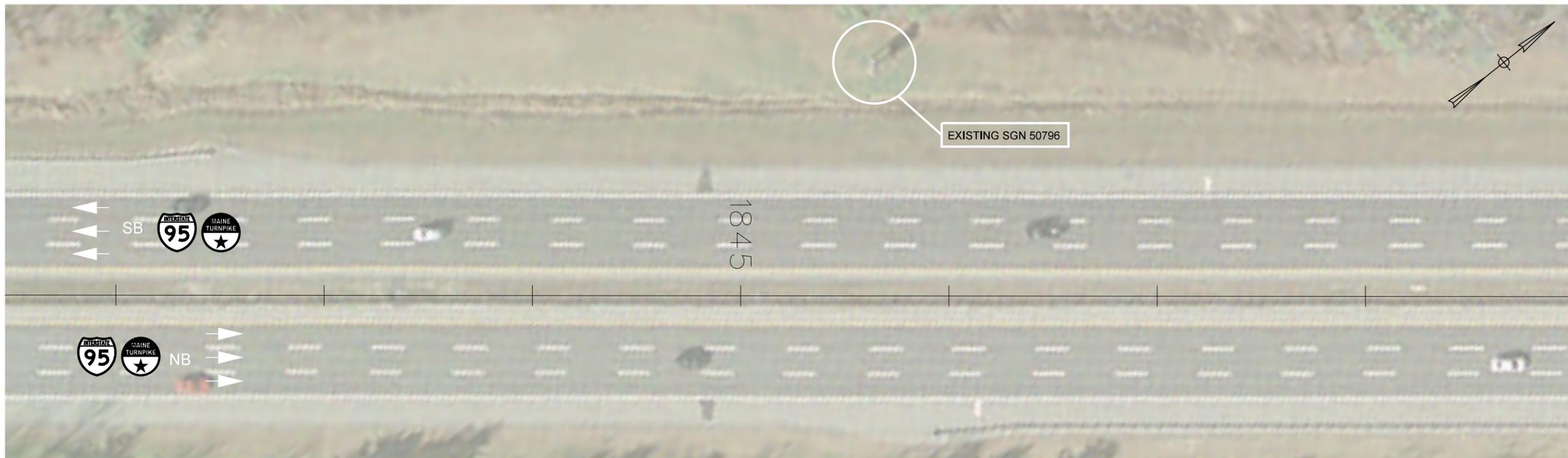
MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2018.13

SHEET NUMBER: 70

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Date: 12/18/2017



EXISTING GM I-95 MM 37.70_S (MTA SGN 50796) SIGN FACE

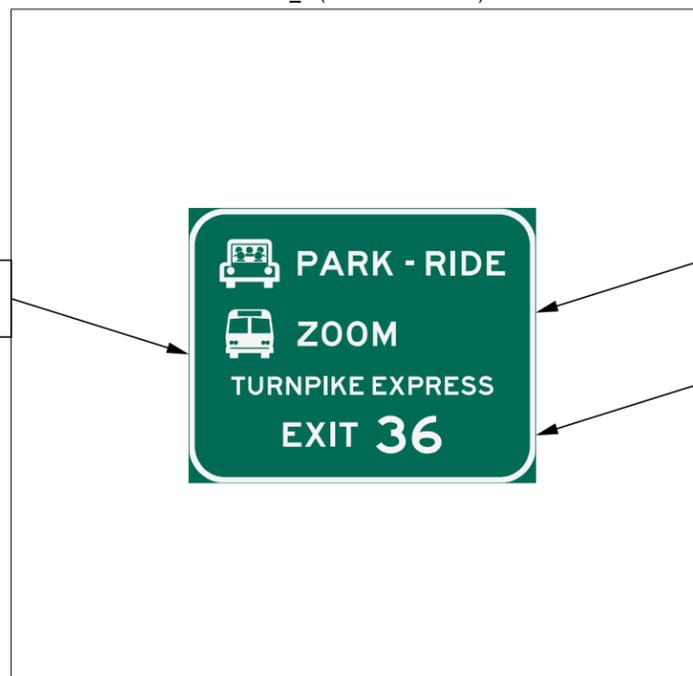


REMOVE AND STACK EXISTING SIGN

CLEAR VEGETATION TO PROVIDE CLEAR SIGHT LINES FOR ENTIRE WIDTH OF THE SIGN

RETAIN EXISTING LOWER SIGN SUPPORTS

PROPOSED GM I-95 MM 37.70_S (MTA SGN 6232) SIGN FACE



INSTALL NEW W8X18 TOP PORTION OF SUPPORTS AND HINGE PLATES

INSTALL NEW SIGN ON EXISTING SUPPORTS 2 INCHES ABOVE THE HINGE PLATES

Filename: ...071_55086.03_Sign_118.dgn



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 GUIDE SIGN MODIFICATIONS, PHASE III

GM I-95 MM 37.70_S

No.	Revision	By	Date

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	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

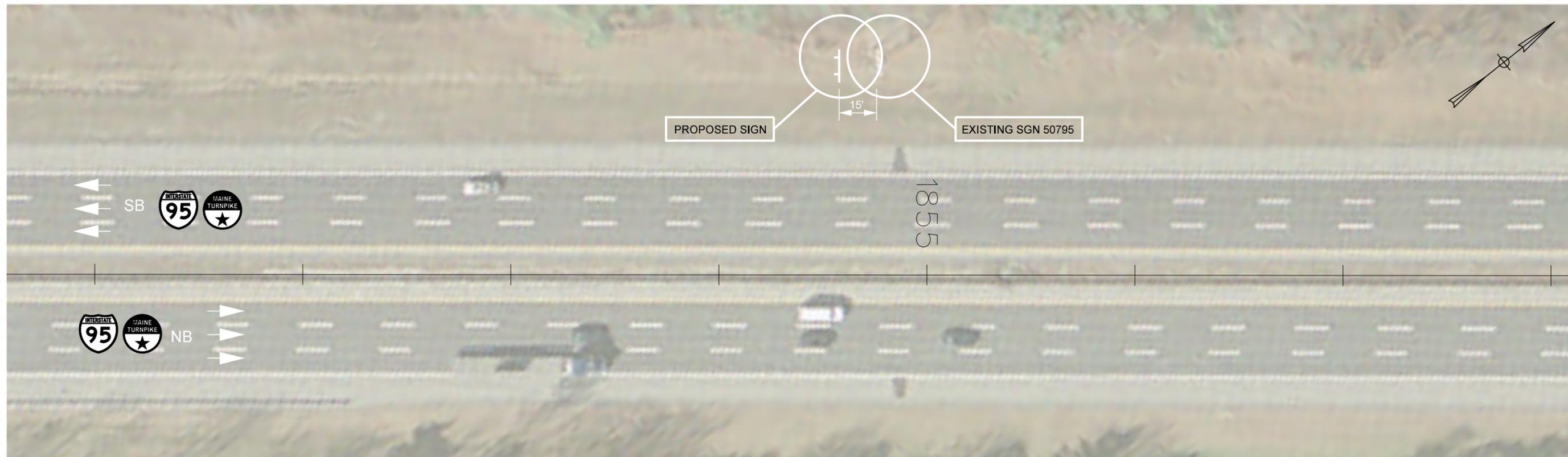
MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2018.13

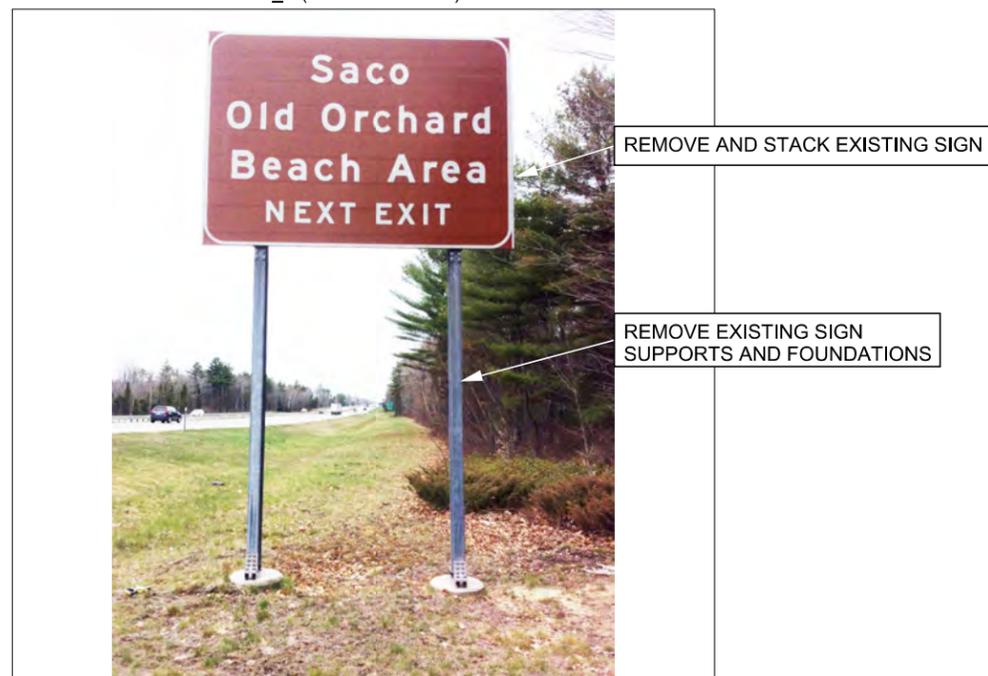
SHEET NUMBER: 71

71 OF 101

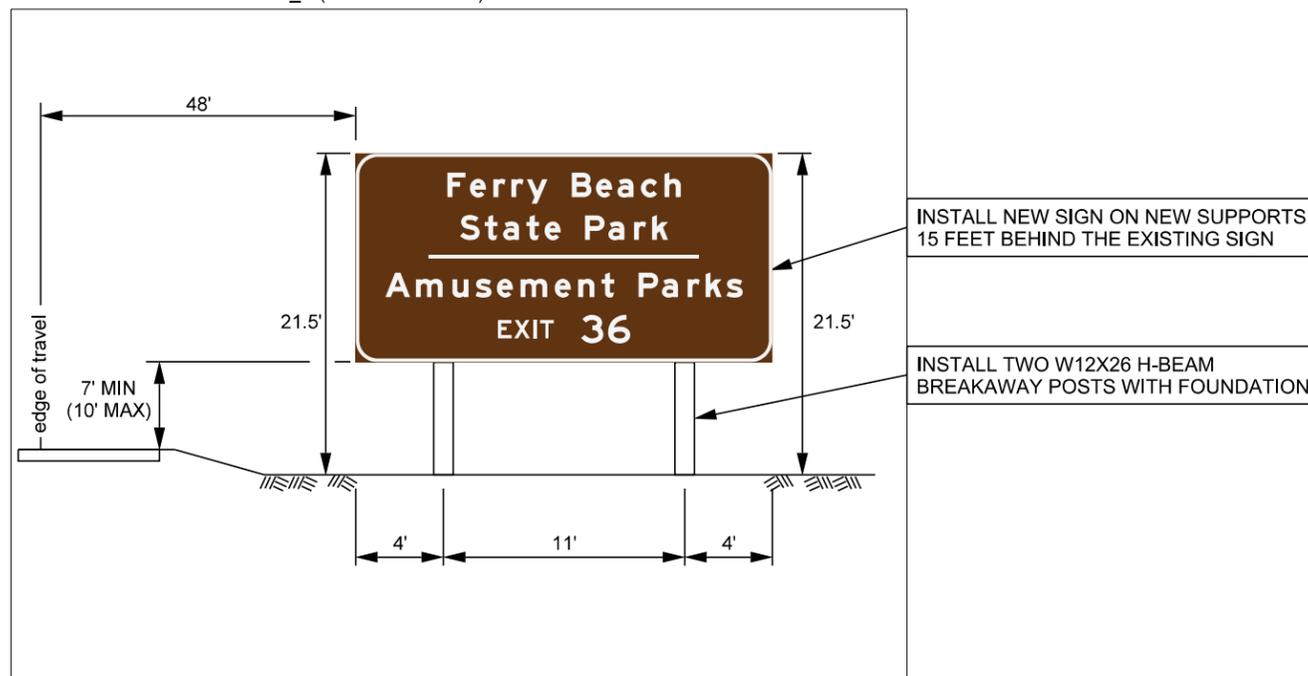
Date: 11/27/2017



EXISTING GM I-95 MM 37.88_S (MTA SGN 50795) SIGN FACE



PROPOSED GM I-95 MM 37.88_S (MTA SGN 6231) SIGN FACE



Filename: ...072_55086_03_Sign_119.dgn

Scale: 25 0 25 50
Scale in Feet

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

Vanasse Hangen Brustlin, Inc.
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South Portland, ME 04106
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**THE GOLD STAR
MEMORIAL HIGHWAY**

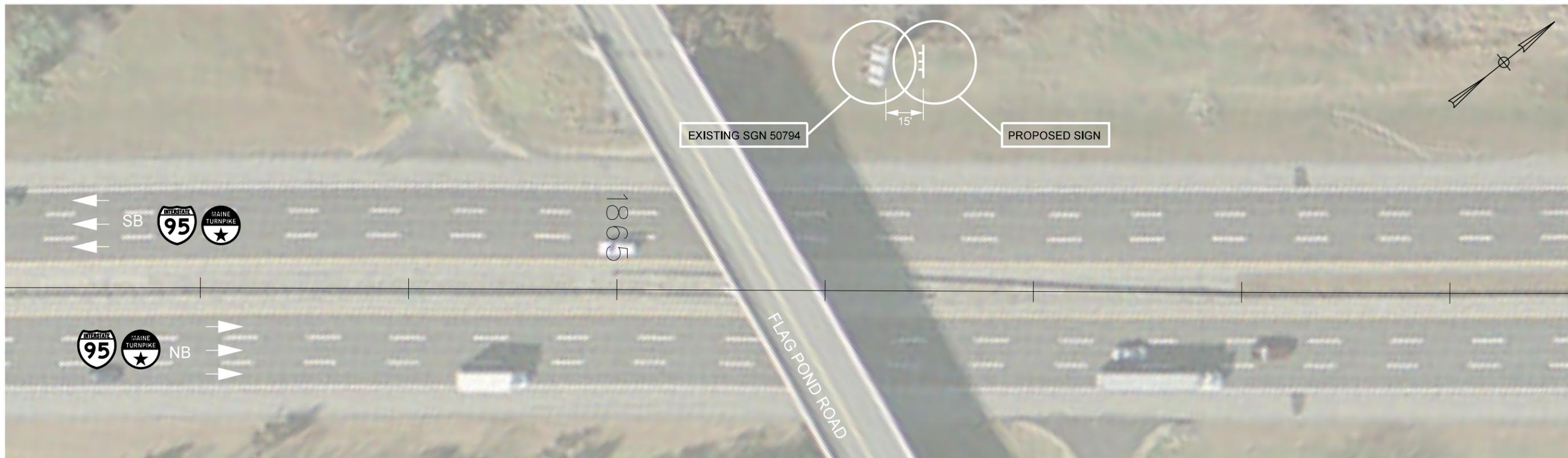
MTA PROJECT MANAGER: R. NORWOOD, IV

**MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III**

GM I-95 MM 37.88_S

SHEET NUMBER: 72
CONTRACT: 2018.13
72 OF 101

Date: 11/27/2017



EXISTING GM I-95 MM 38.10_S (MTA SGN 50794) SIGN FACE



REMOVE AND STACK EXISTING SIGNS

REMOVE EXISTING SUPPORTS AND FOUNDATIONS

PROPOSED GM I-95 MM 38.10_S (MTA SGN 6230) SIGN FACE



Filename: ...073_55086_03_Sign_120.dwg



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MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III

GM I-95 MM 38.10_S

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

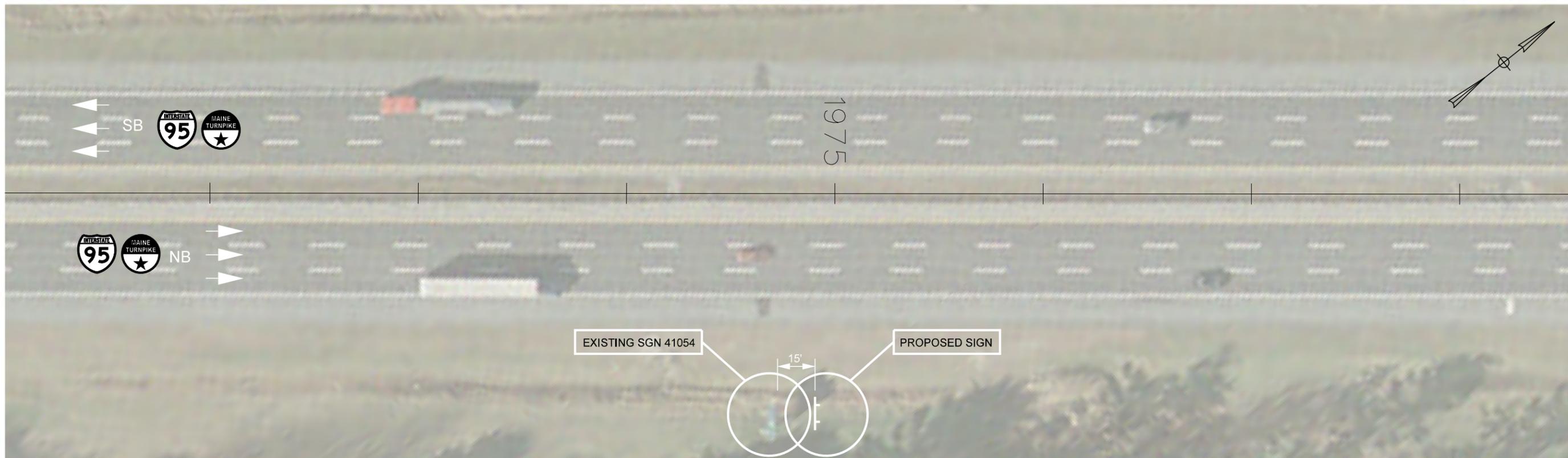
MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2018.13

SHEET NUMBER: 73

73 OF 101

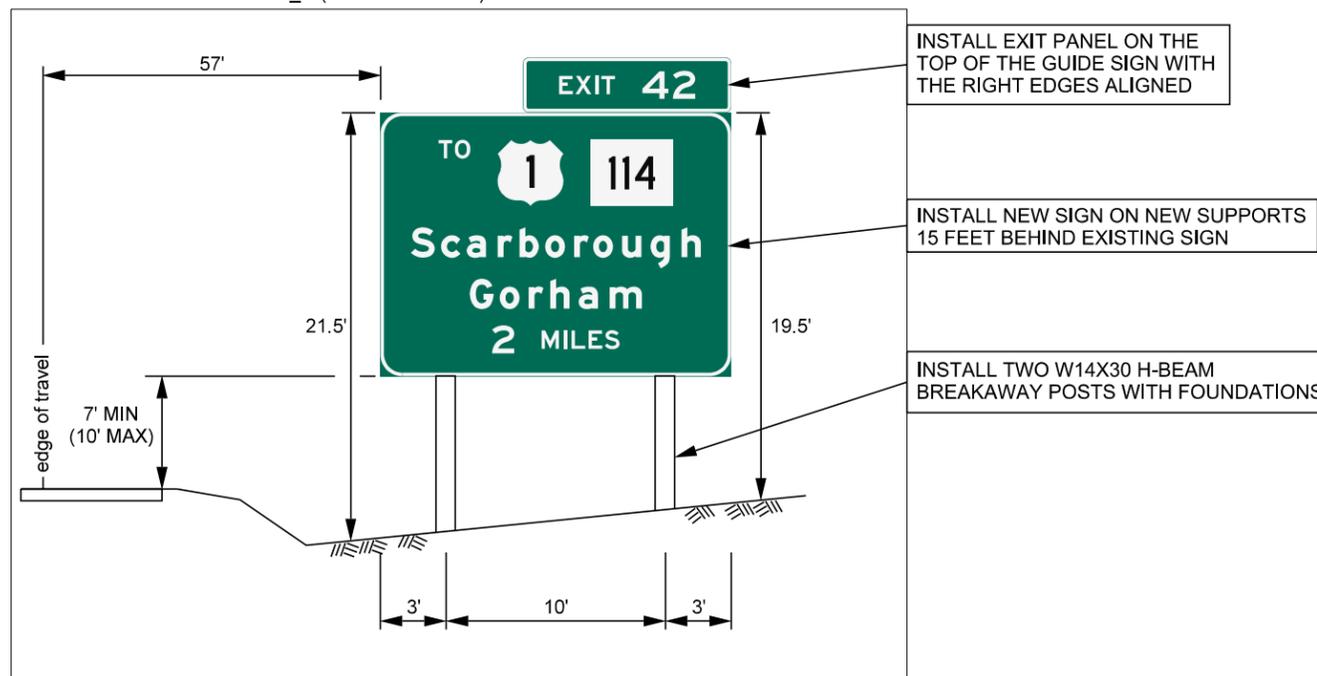
Date: 11/27/2017



EXISTING GM I-95 MM 40.15_N (MTA SGN 41054) SIGN FACE



PROPOSED GM I-95 MM 40.15_N (MTA SGN 6227) SIGN FACE



Filename: ... \074_55086.03_Sign_124.dgn

Scale: 25 0 25 50
Scale in Feet

No.	Revision	By	Date

Designed by:

CONSULTANT PROJECT MANAGER: MDS

By	Date	By	Date
Designed MLG	11-2017	Checked MDS	11-2017
Drawn JAR	11-2017	In Charge of MDS	11-2017

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MTA PROJECT MANAGER: R. NORWOOD, IV

MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III

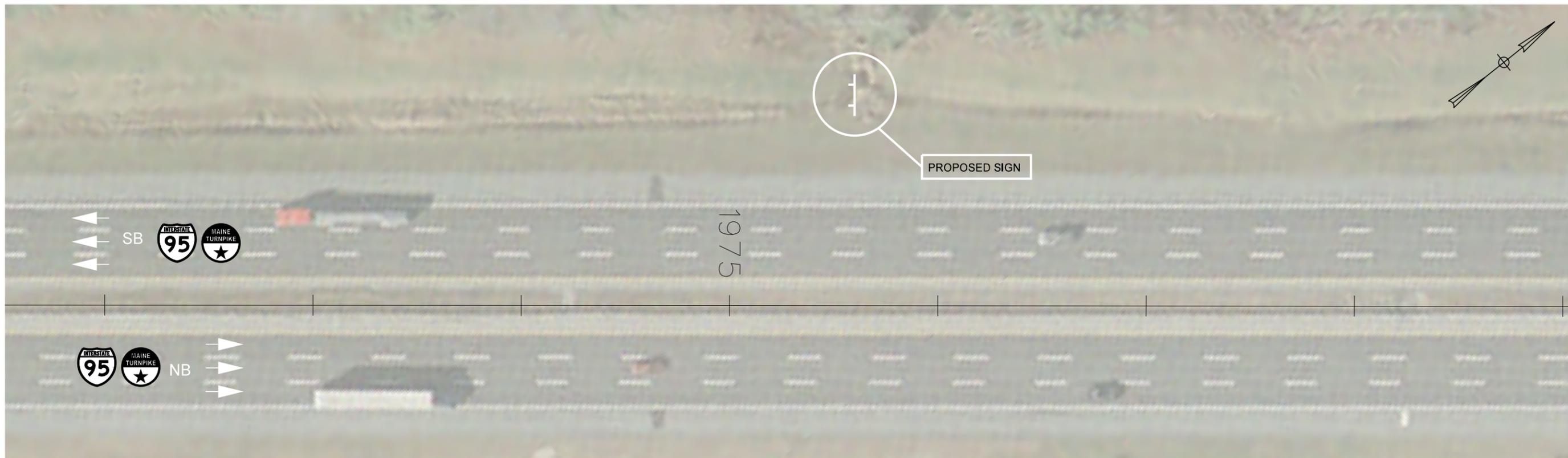
GM I-95 MM 40.15_N

SHEET NUMBER: 74

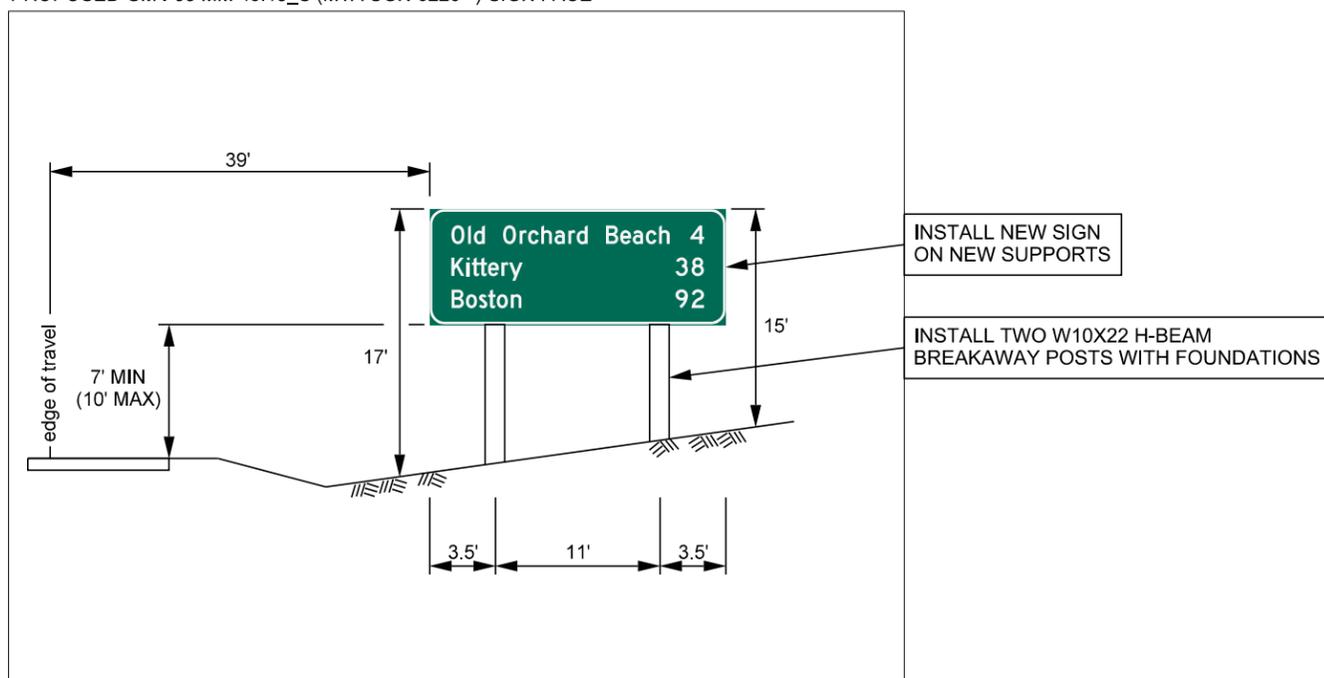
CONTRACT: 2018.13

74 OF 101

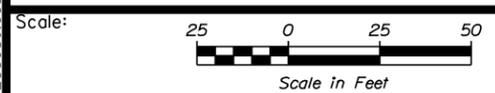
Date: 11/27/2017



PROPOSED GM I-95 MM 40.15_S (MTA SGN 6226) SIGN FACE



Filename: ... \075_55086_03_Sign_125.dgn



No.	Revision	By	Date

Designed by:

CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

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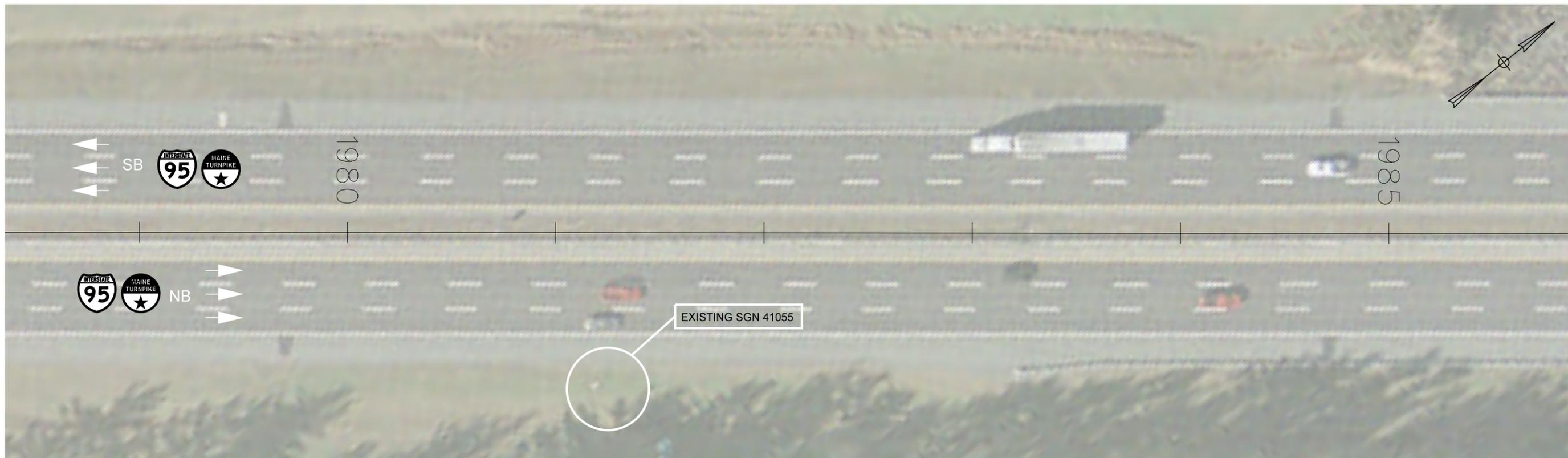
MTA PROJECT MANAGER: R. NORWOOD, IV

**MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE III**

GM I-95 MM 40.15_S

SHEET NUMBER: 75
 CONTRACT: 2018.13
 75 OF 101

Date: 11/27/2017



EXISTING GM I-95 MM 40.28_N (MTA SGN 41055) SIGN FACE



REMOVE AND STACK EXISTING SIGNS

RETAIN EXISTING UPPER SIGN SUPPORTS

PROPOSED GM I-95 MM 40.28_N (MTA SGN 6225) SIGN FACE



INSTALL NEW SIGN ON EXISTING UPPER SUPPORTS 2 INCHES ABOVE THE HINGE PLATES

INSTALL NEW W12x26 LOWER PORTION OF SUPPORTS AND HINGE PLATE TO PROVIDE 7 FT MINIMUM TO BOTTOM OF BREAKAWAY COUPLING

Filename: ...076_55086_03_Sign_126.dwg

Scale: 25 0 25 50
Scale in Feet

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

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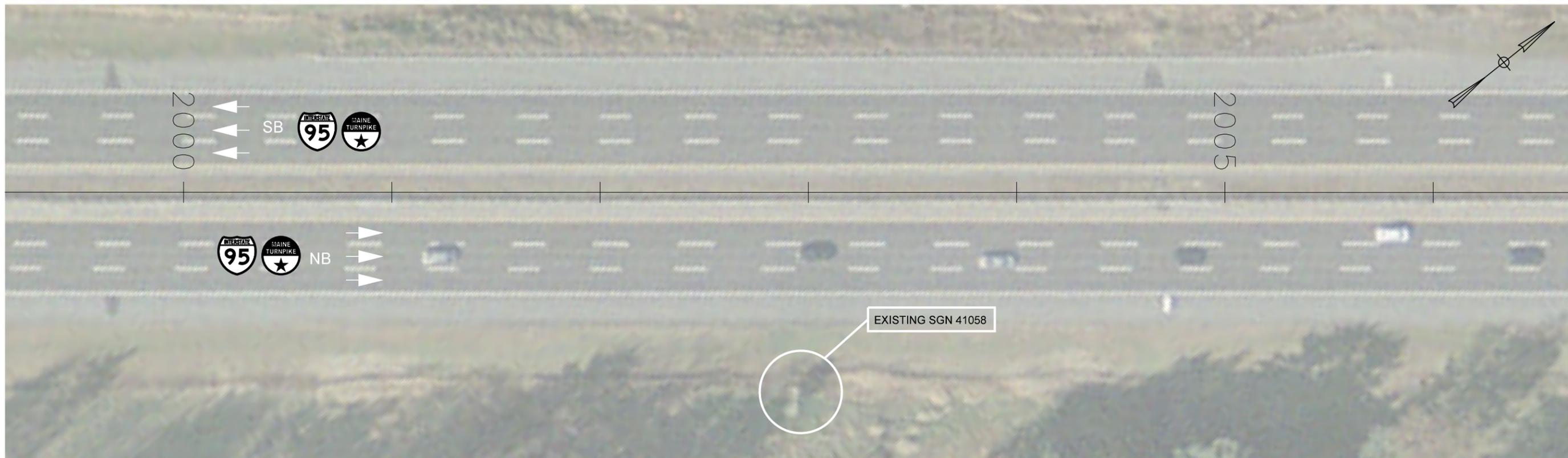
MTA PROJECT MANAGER: R. NORWOOD, IV

**MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III**

GM I-95 MM 40.28_N

SHEET NUMBER: 76
CONTRACT: 2018.13
76 OF 101

Date: 11/27/2017



EXISTING GM I-95 MM 40.72_N (MTA SGN 41058) SIGN FACE

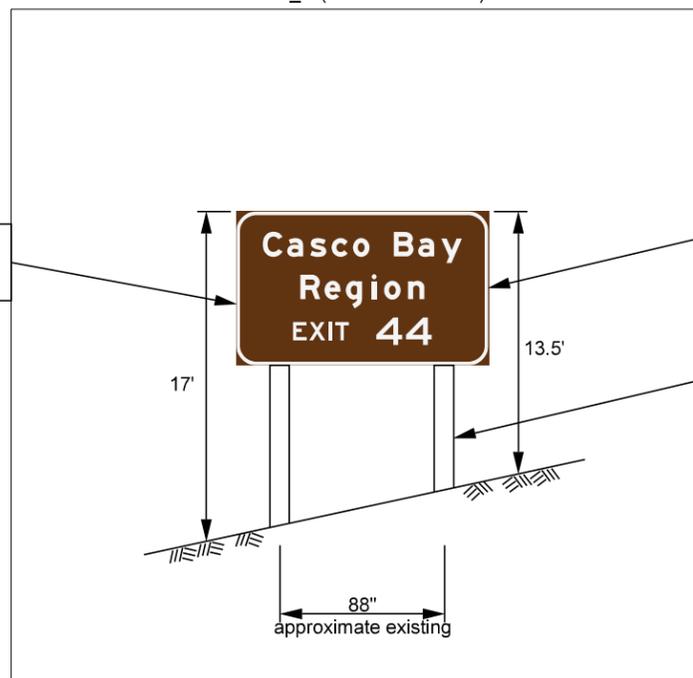


PREVIOUSLY REMOVED EXISTING SIGN

RETAIN EXISTING FOUNDATIONS

CLEAR VEGETATION TO PROVIDE CLEAR SIGHT LINES FOR ENTIRE WIDTH OF THE SIGN

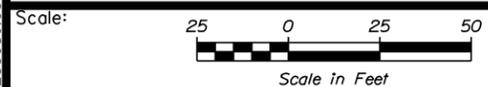
PROPOSED GM I-95 MM 40.72_N (MTA SGN 6224) SIGN FACE



INSTALL NEW SIGN ON NEW SUPORTS

INSTALL TWO W10X22 H-BEAM BREAKAWAY POSTS

CONFIRM EXISTING ANCHOR BOLT CIRCLE BEFORE FABRICATION



Designed by:



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THE GOLD STAR
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MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III

GM I-95 MM 40.72_N

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

MTA PROJECT MANAGER: R. NORWOOD, IV

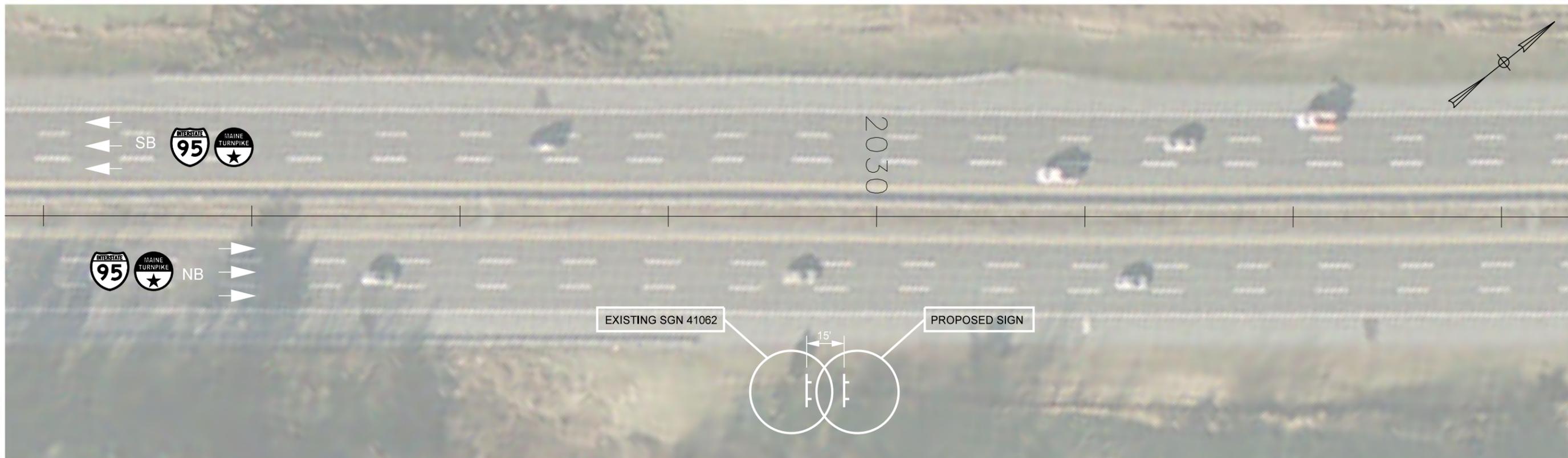
CONTRACT: 2018.13

SHEET NUMBER: 77

77 OF 101

Filename: ... \077_55086_03_Sign_128.dgn

Date: 11/27/2017



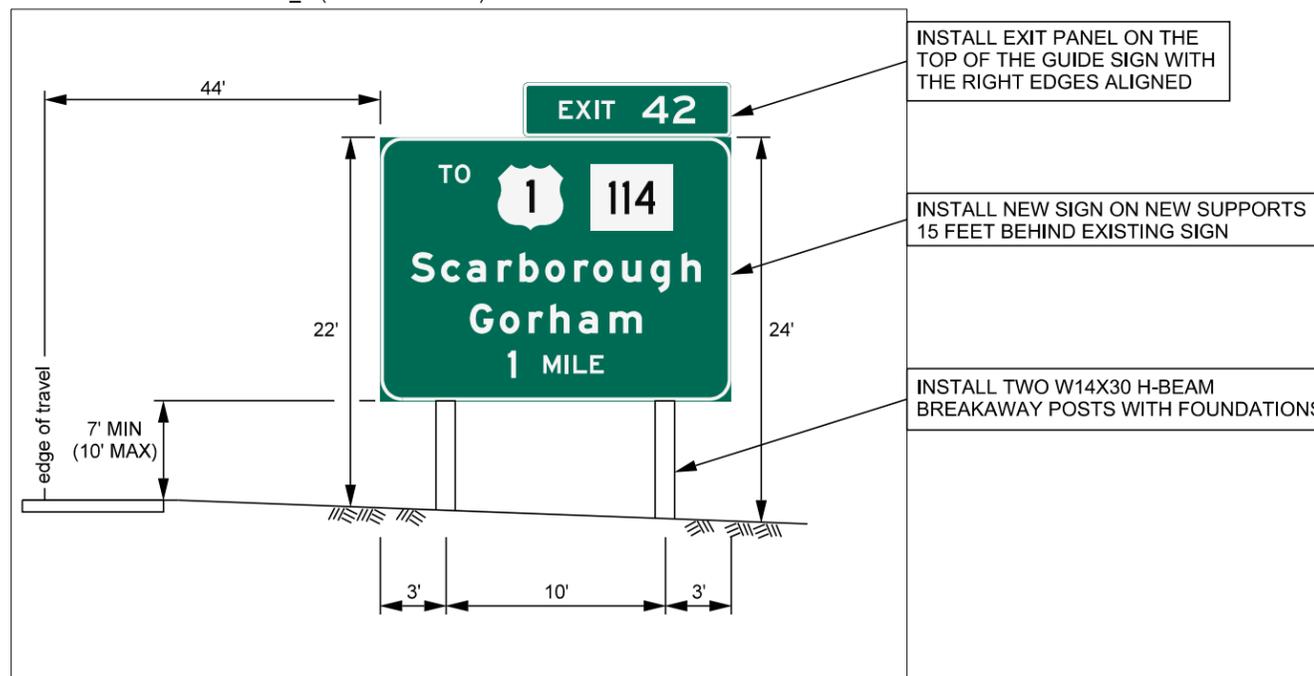
EXISTING GM I-95 MM 41.24_N (MTA SGN 41062) SIGN FACE



REMOVE AND STACK EXISTING SIGNS

REMOVE EXISTING SUPPORTS AND FOUNDATIONS

PROPOSED GM I-95 MM 41.24_N (MTA SGN 6222) SIGN FACE



Filename: ... \078_55086_03_Sign_130.dwg

Scale: 25 0 25 50
Scale in Feet

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

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**THE GOLD STAR
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MTA PROJECT MANAGER: R. NORWOOD, IV

**MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III**

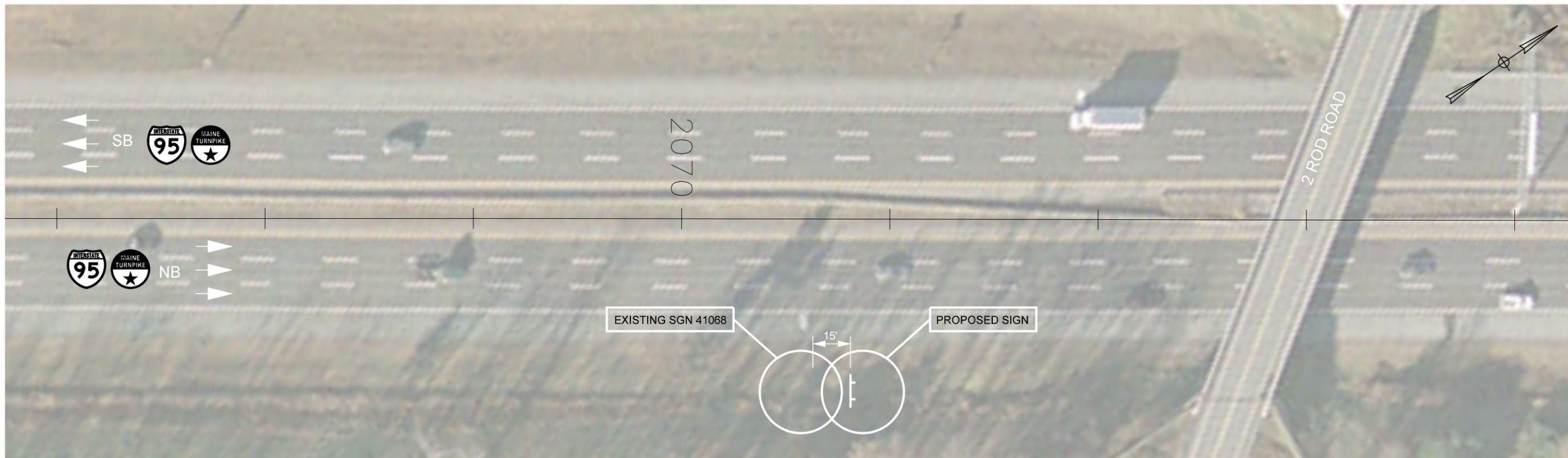
GM I-95 MM 41.24_N

SHEET NUMBER: 78

CONTRACT: 2018.13

78 OF 101

Date: 11/27/2017



EXISTING GM I-95 MM 42.03_N (MTA SGN 41068) SIGN FACE



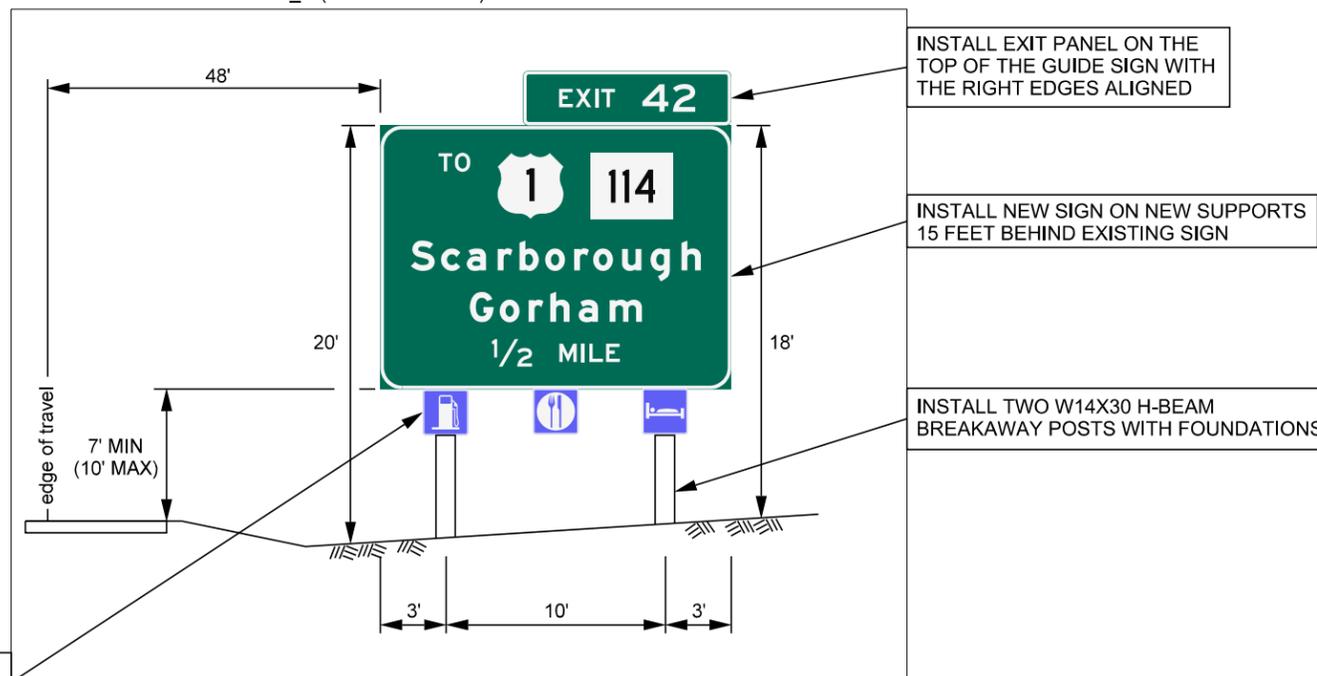
REMOVE AND STACK EXISTING SIGNS

SIGN REMOVED BY OTHERS

REMOVE EXISTING SUPPORTS AND FOUNDATIONS

INSTALL SUPPLEMENTAL PLAQUES BELOW PRIMARY SIGN

PROPOSED GM I-95 MM 42.03_N (MTA SGN 6221) SIGN FACE



INSTALL EXIT PANEL ON THE TOP OF THE GUIDE SIGN WITH THE RIGHT EDGES ALIGNED

INSTALL NEW SIGN ON NEW SUPPORTS 15 FEET BEHIND EXISTING SIGN

INSTALL TWO W14X30 H-BEAM BREAKAWAY POSTS WITH FOUNDATIONS



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MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III

GM I-95 MM 42.03_N

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

MTA PROJECT MANAGER: R. NORWOOD, IV

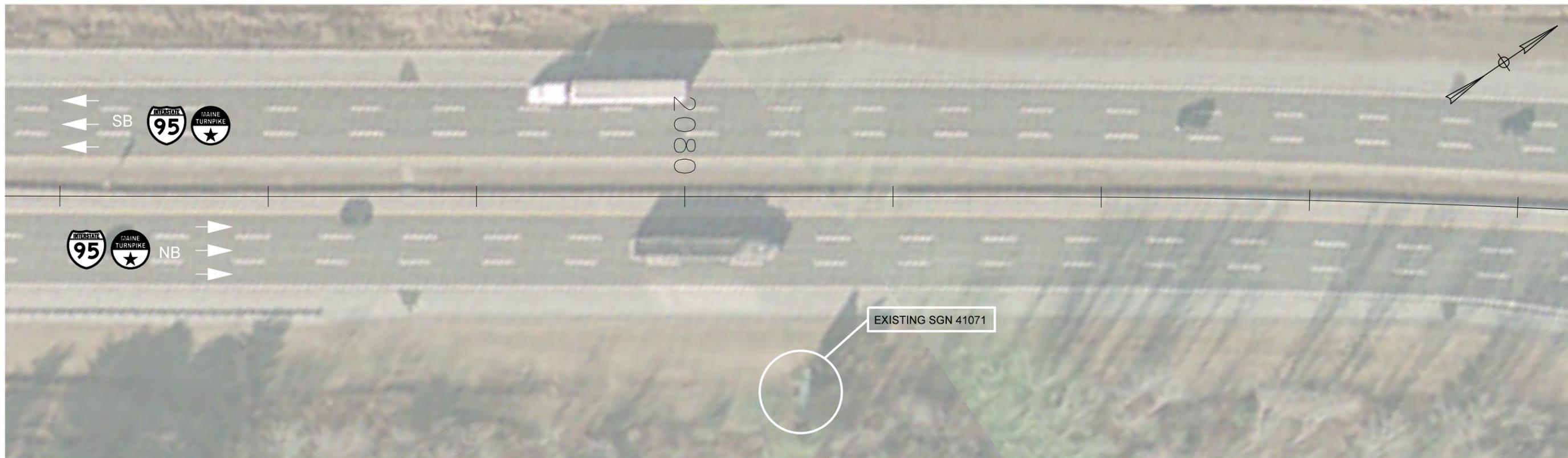
CONTRACT: 2018.13

SHEET NUMBER: 79

79 OF 101

Filename: ... \079_55086_03_Sign_132.dwg

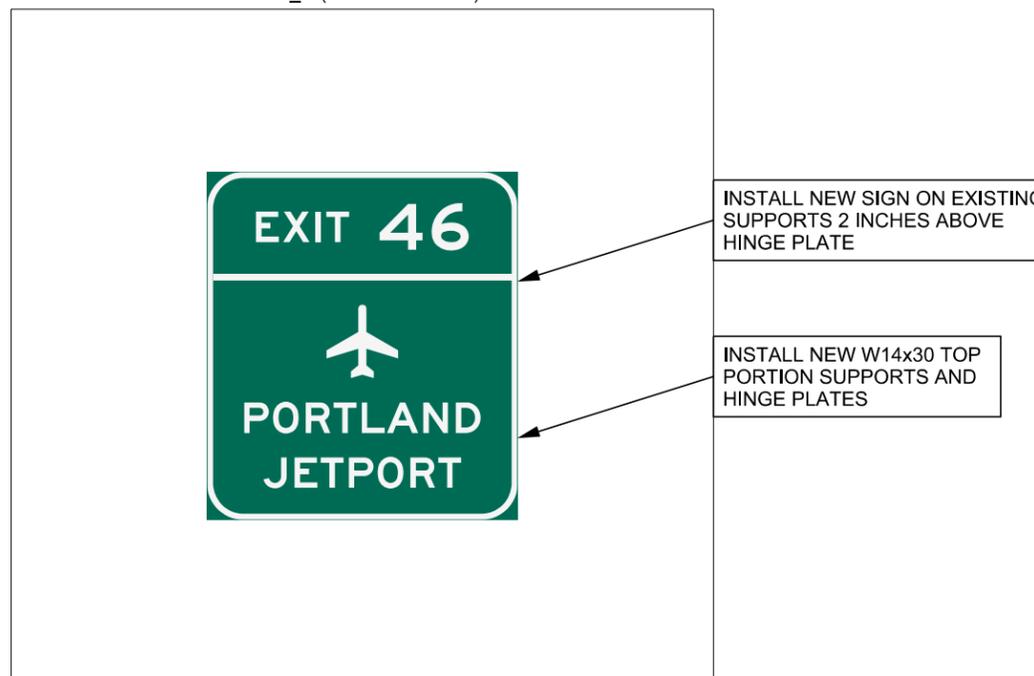
Date: 11/27/2017



EXISTING GM I-95 MM 42.22_N (MTA SGN 41071) SIGN FACE



PROPOSED GM I-95 MM 42.22_N (MTA SGN 6220) SIGN FACE



Filename: ... \080_55086_02_Sign_133.dgn

Scale: 25 0 25 50
Scale in Feet

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS			
By	Date	By	Date
Designed	MLG 11-2017	Checked	MDS 11-2017
Drawn	JAR 11-2017	In Charge of	MDS 11-2017

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MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD, IV

**MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III**

GM I-95 MM 42.22_N

SHEET NUMBER: 80
CONTRACT: 2018.13
80 OF 101

Date: 11/27/2017



EXISTING GM I-95 MM 42.32_N (MTA SGN 41073) SIGN FACE



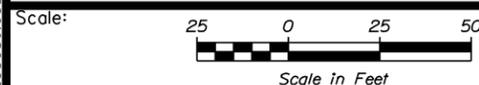
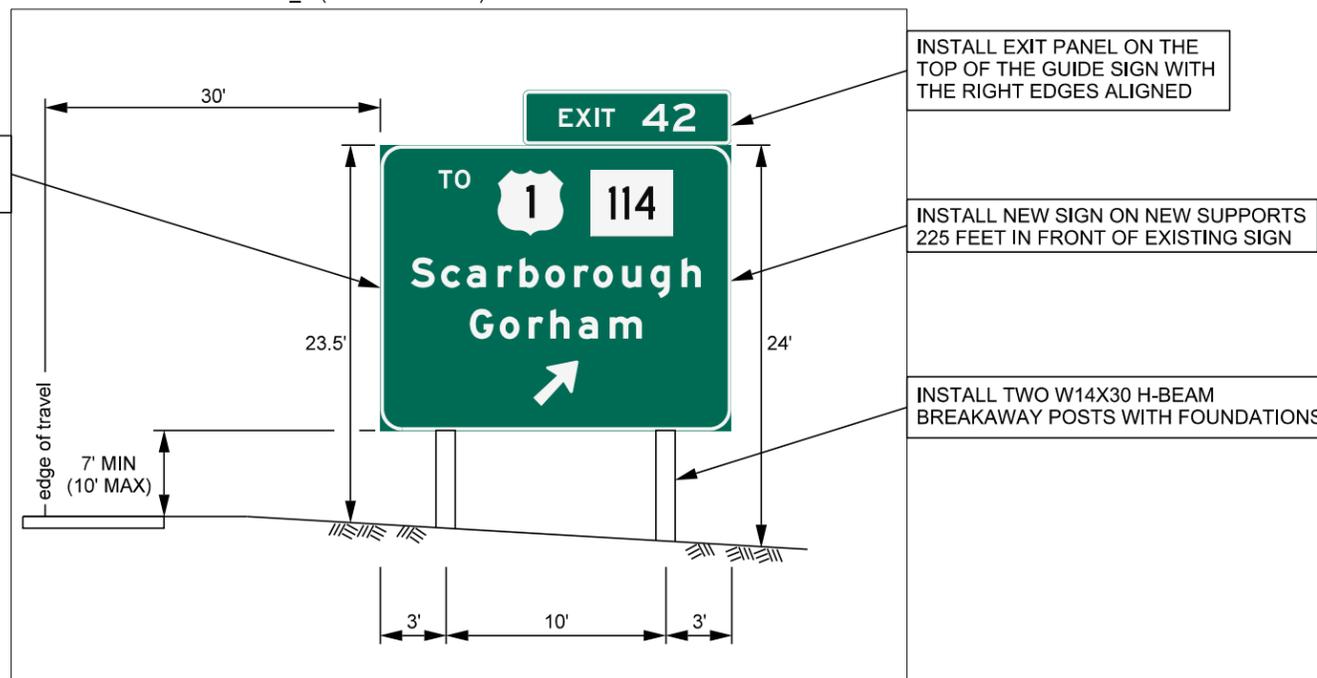
CLEAR VEGETATION TO PROVIDE CLEAR SIGHT LINES FOR ENTIRE WIDTH OF THE SIGN

REMOVE AND STACK EXISTING SIGNS

SIGN PREVIOUSLY REMOVED

REMOVE EXISTING SUPPORTS AND FOUNDATIONS

PROPOSED GM I-95 MM 42.32_N (MTA SGN 6219) SIGN FACE



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MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III

GM I-95 MM 42.32_N

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

MTA PROJECT MANAGER: R. NORWOOD, IV

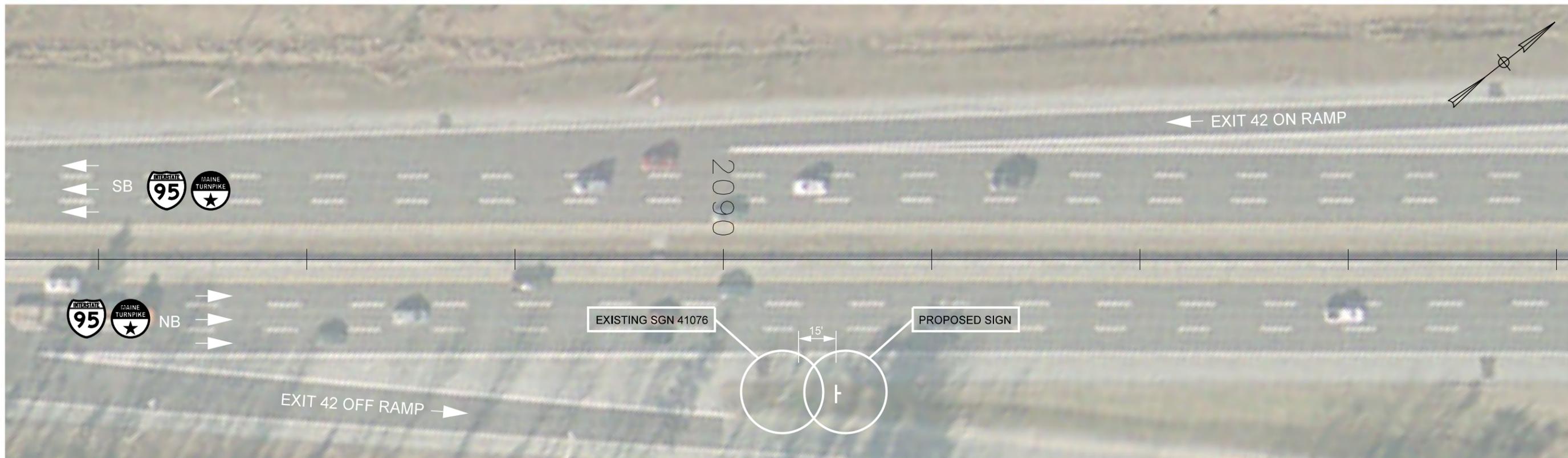
CONTRACT: 2018.13

SHEET NUMBER: 81

81 OF 101

Filename: ... \081_55086.03_Sign_134.dgn

Date: 11/27/2017



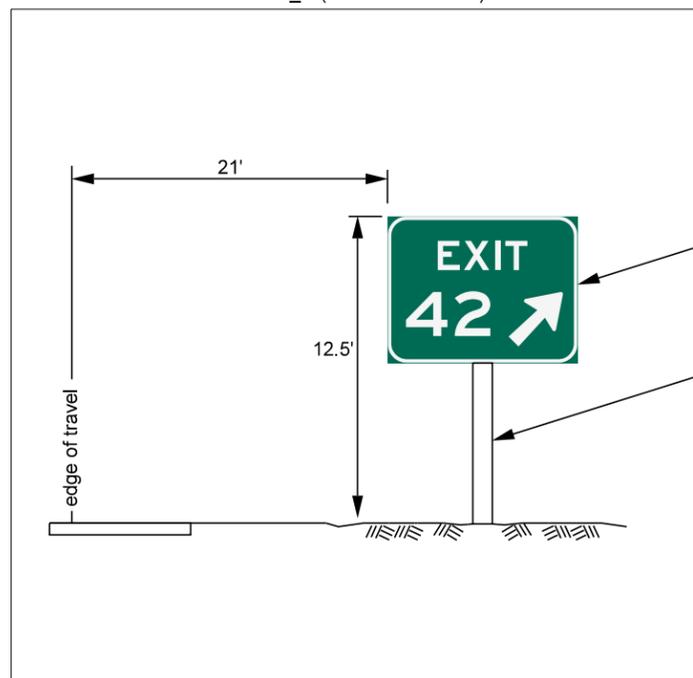
EXISTING GM I-95 MM 42.41_N (MTA SGN 41076) SIGN FACE



REMOVE AND STACK EXISTING SIGN

REMOVE EXISTING SUPPORT AND FOUNDATION

PROPOSED GM I-95 MM 42.41_N (MTA SGN 6218) SIGN FACE



INSTALL NEW SIGN ON NEW SUPPORTS 15 FEET BEHIND EXISTING SIGN

INSTALL ONE W8X24 BREAKAWAY H-BEAM POST WITH FOUNDATION



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MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE III

GM I-95 MM 42.41_N

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2018.13

SHEET NUMBER: 82

82 OF 101

Filename: ... \082_55086_03_Sign_135.dwg

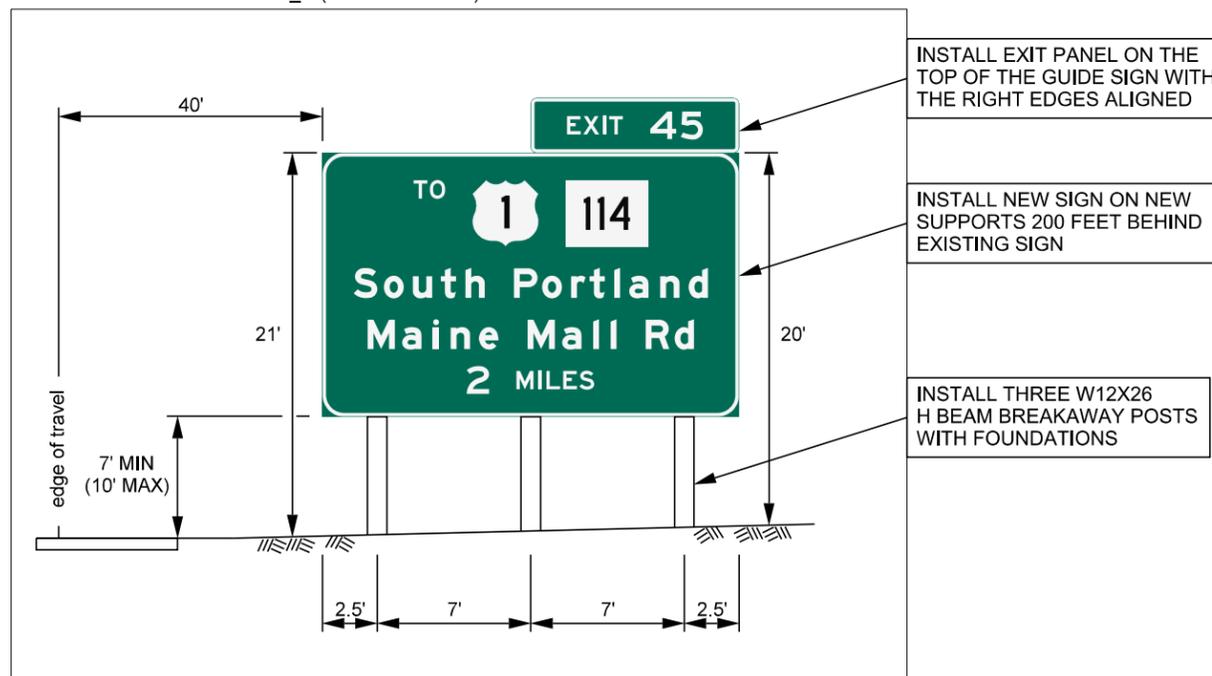
Date: 11/27/2017



EXISTING GM I-95 MM 42.61_N (MTA SGN 41145) SIGN FACE



PROPOSED GM I-95 MM 42.61_N (MTA SGN6217) SIGN FACE



Filename: ...083_55086_02_Sign_136.dwg

Scale: 25 0 25 50
Scale in Feet

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

By	Date	By	Date
Designed MLG	11-2017	Checked MDS	11-2017
Drawn JAR	11-2017	In Charge of MDS	11-2017

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**THE GOLD STAR
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MTA PROJECT MANAGER: R. NORWOOD, IV

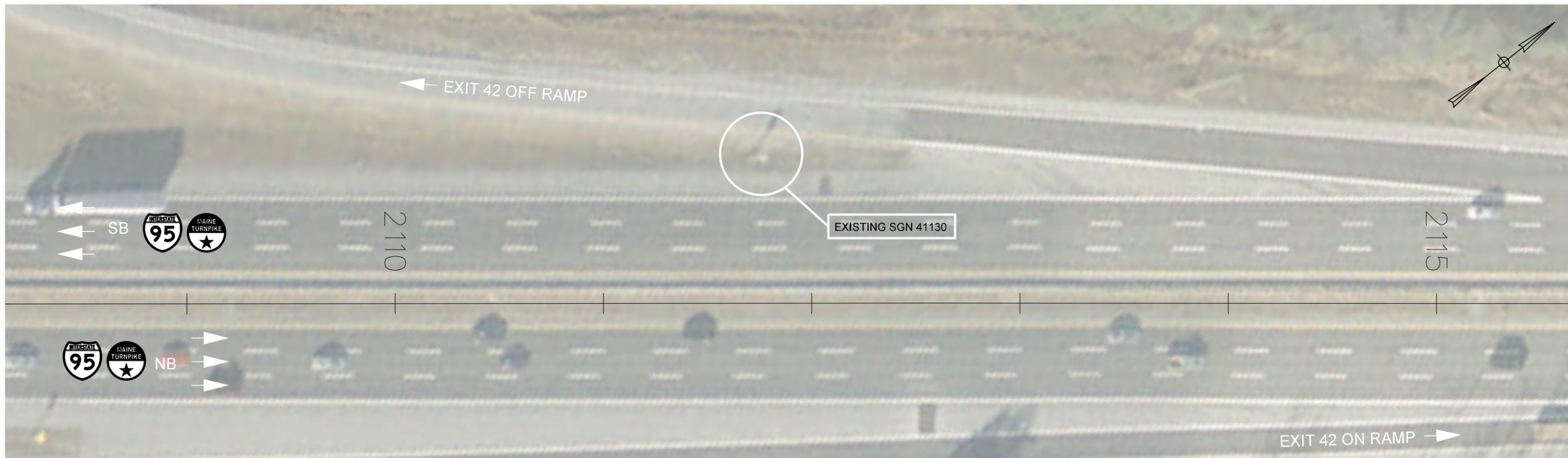
**MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III**

GM I-95 MM 42.61_N

SHEET NUMBER: 83
83 OF 101

CONTRACT: 2018.13

Date: 11/27/2017



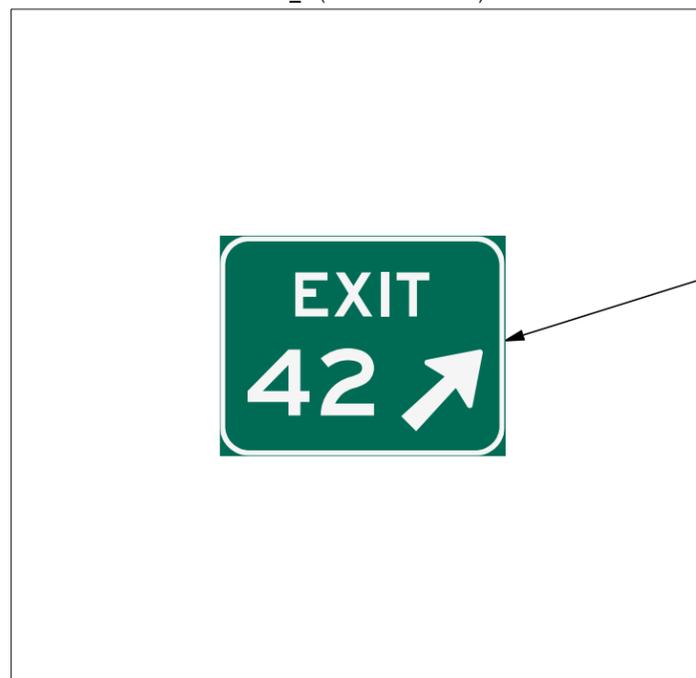
EXISTING GM I-95 MM 42.82_S (MTA SGN 41130) SIGN FACE



REMOVE AND STACK EXISTING SIGN

RETAIN EXISTING SIGN SUPPORTS

PROPOSED GM I-95 MM 42.82_S (MTA SGN 6216) SIGN FACE



INSTALL NEW SIGN ON EXISTING SUPPORT. MOUNT TOP OF SIGN WITH THE TOP OF THE SUPPORT



No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

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MTA PROJECT MANAGER: R. NORWOOD, IV

MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE III

GM I-95 MM 42.82_S

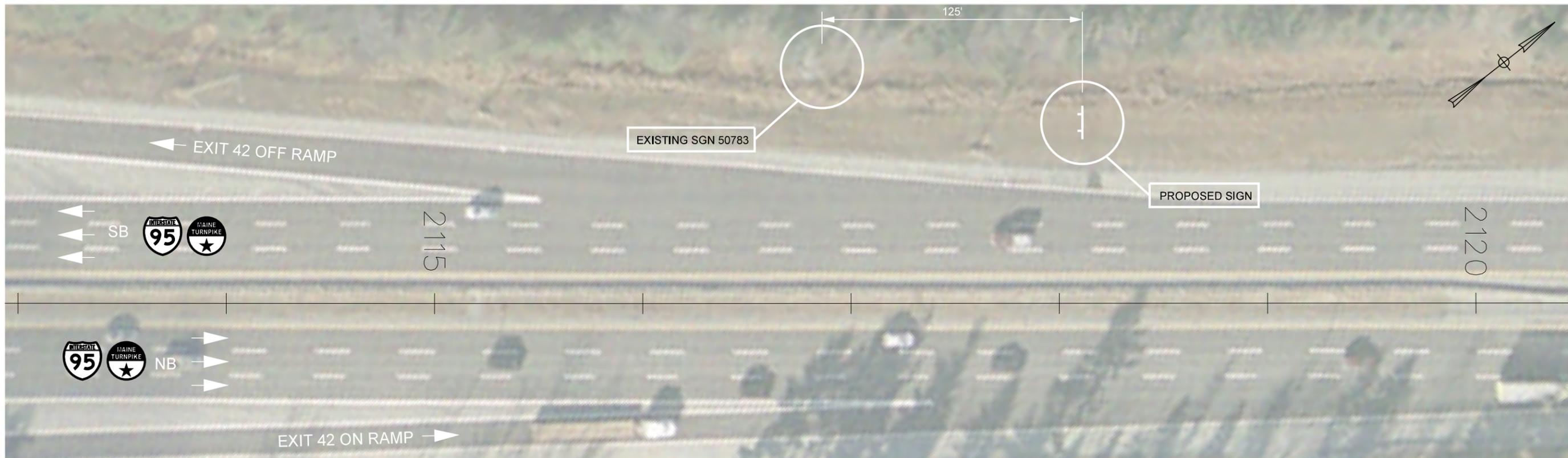
CONTRACT: 2018.13

SHEET NUMBER: 84

84 OF 101

Filename: ... \084_55086_03_Sign_137.dgn

Date: 11/27/2017



EXISTING GM I-95 MM 42.92_S (MTA SGN 50783) SIGN FACE

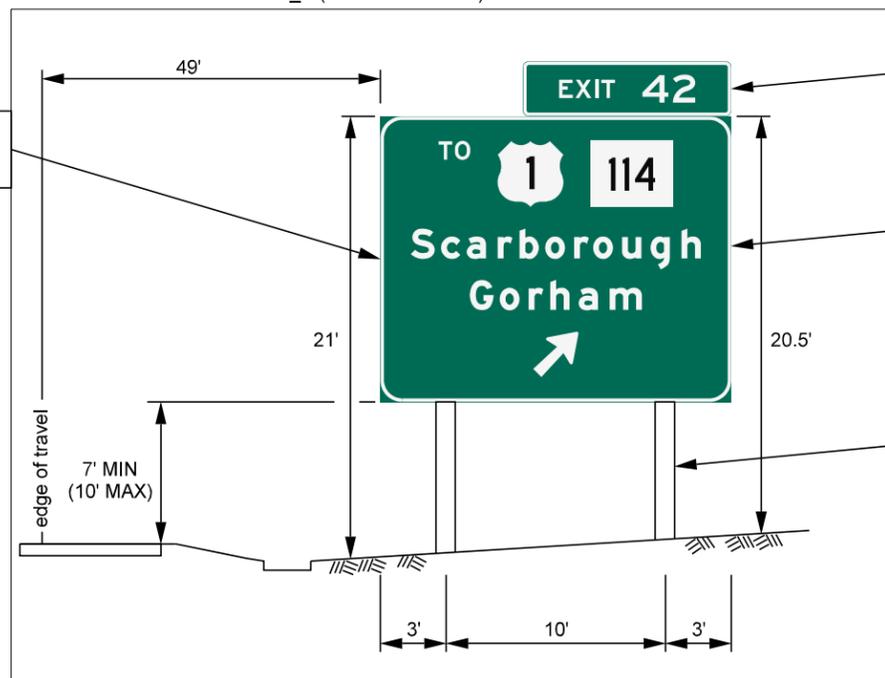


REMOVE AND STACK EXISTING SIGNS

REMOVE EXISTING SUPPORTS AND FOUNDATIONS

CLEAR VEGETATION TO PROVIDE CLEAR SIGHT LINES FOR ENTIRE WIDTH OF THE SIGN

PROPOSED GM I-95 MM 42.92_S (MTA SGN 6215) SIGN FACE



INSTALL EXIT PANEL ON THE TOP OF THE GUIDE SIGN WITH THE RIGHT EDGES ALIGNED

INSTALL NEW SIGN ON NEW SUPPORTS 125 FEET IN FRONT OF EXISTING SIGN

INSTALL TWO W14X30 H-BEAM BREAKAWAY POSTS WITH FOUNDATIONS



Designed by:



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MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE III

GM I-95 MM 42.92_S

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

MTA PROJECT MANAGER: R. NORWOOD, IV

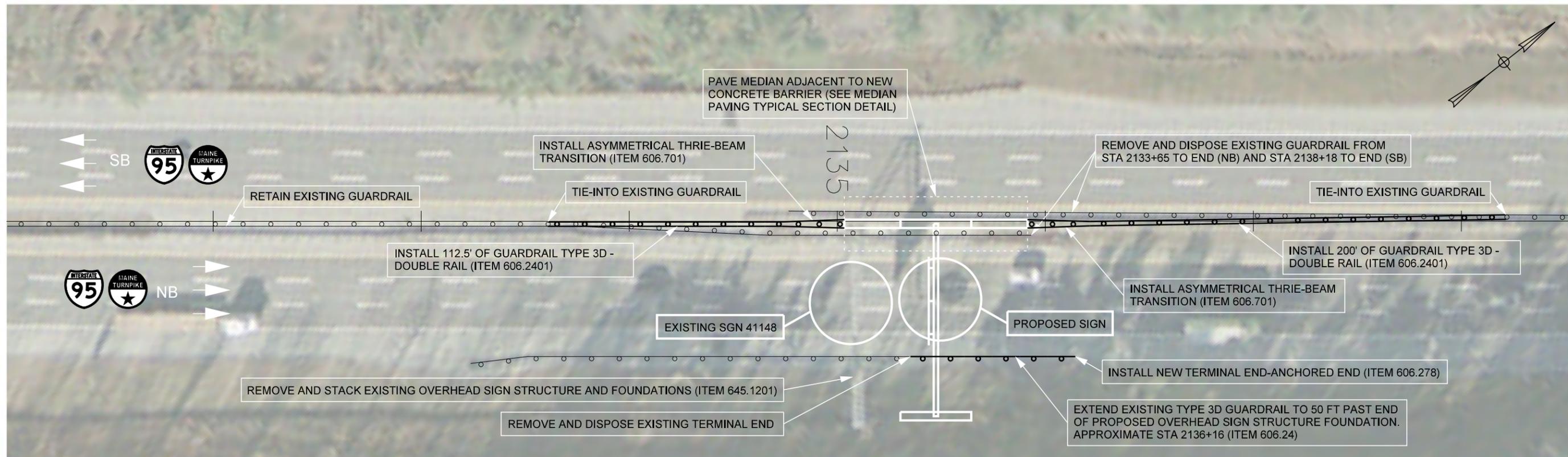
CONTRACT: 2018.13

SHEET NUMBER: 85

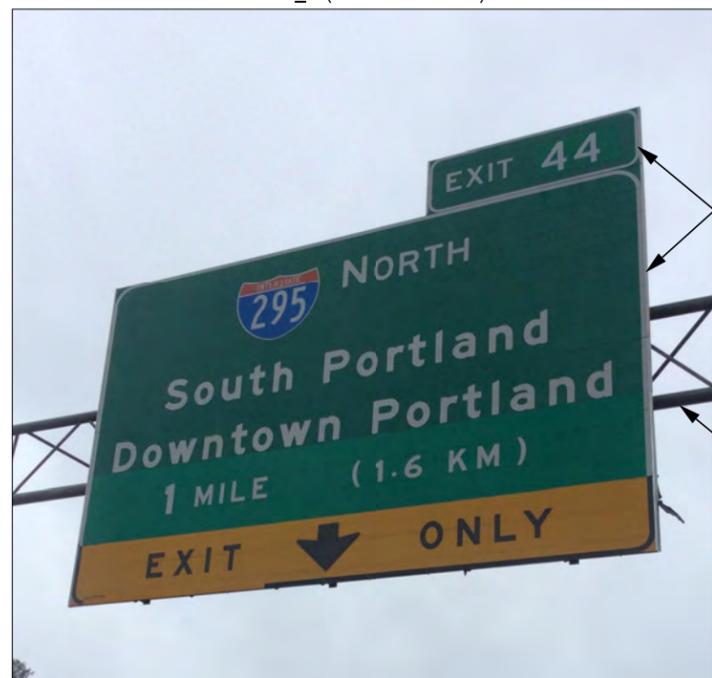
85 OF 101

Filename: ... \085_55086_03_Sign_136.dgn

Date: 12/18/2017



EXISTING OHSS I-95 MM 43.24_N (MTA SGN 41148) SIGN FACE



PROPOSED OHSS I-95 MM 43.24_N (MTA SGN 6213) SIGN FACE



- NOTE:
1. SEE OVERHEAD SIGN STRUCTURES SHEETS FOR HORIZONTAL SIGN PLACEMENT ON EXISTING STRUCTURE
 2. SEE OVERHEAD SIGN STRUCTURE FOUNDATION DETAILS FOR ADDITIONAL INFORMATION
 3. SEE DETAILS FOR ADDITIONAL INFORMATION

Filename: ... \086_55086_03_Sign_140.dgn

Scale: 25 0 25 50
Scale in Feet

No.	Revision	By	Date

Designed by:

CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

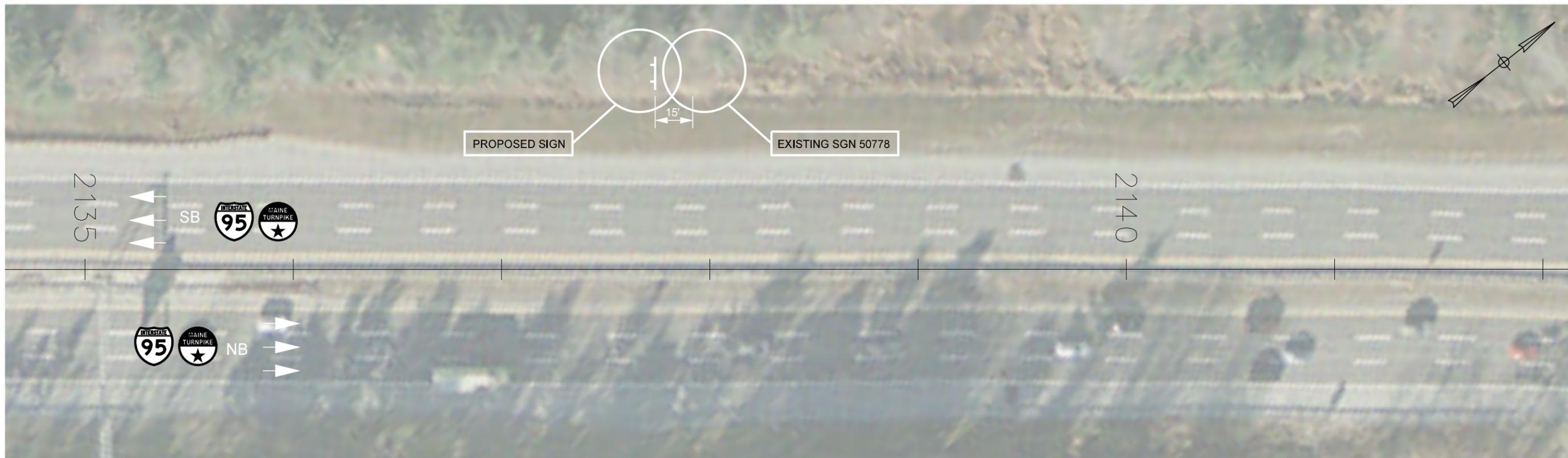
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THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD, IV

MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III
OHSS I-95 MM 43.24_N
SHEET NUMBER: 86
CONTRACT: 2018.13
86 OF 101

Date: 11/27/2017



EXISTING GM I-95 MM 43.29_S (MTA SGN 50778) SIGN FACE



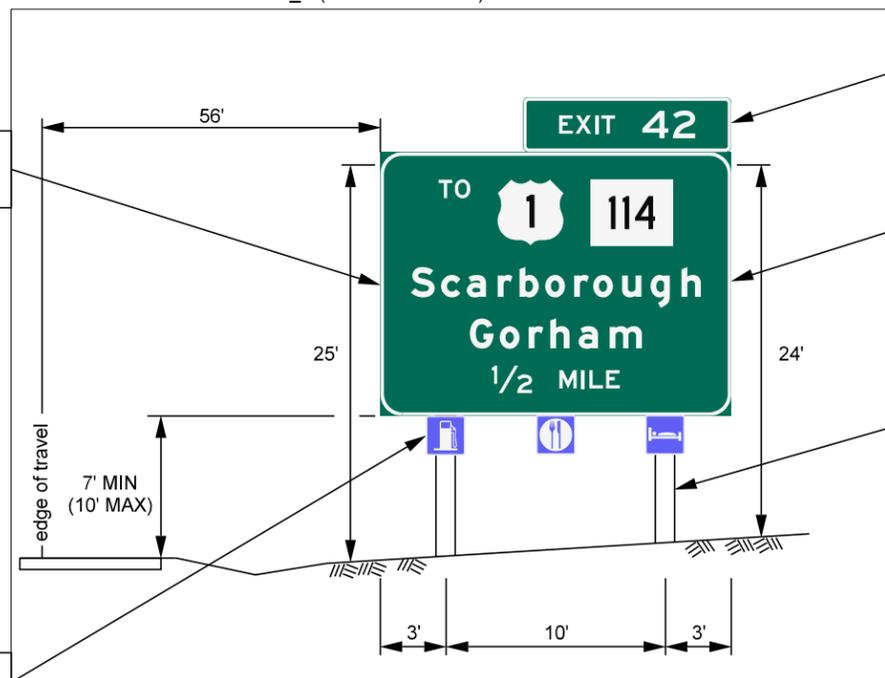
REMOVE AND STACK EXISTING SIGNS

REMOVE EXISTING SUPPORTS AND FOUNDATIONS

CLEAR VEGETATION TO PROVIDE CLEAR SIGHT LINES FOR ENTIRE WIDTH OF THE SIGN

INSTALL SUPPLEMENTAL PLAQUES BELOW PRIMARY SIGN

PROPOSED GM I-95 MM 43.29_S (MTA SGN 6212) SIGN FACE



INSTALL EXIT PANEL ON THE TOP OF THE GUIDE SIGN WITH THE RIGHT EDGES ALIGNED

INSTALL NEW PANEL ON NEW SUPPORTS 15 FEET BEHIND EXISTING SIGN

INSTALL TWO W14x30 H-BEAM BREAKAWAY POSTS WITH FOUNDATIONS



No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

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THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD, IV

MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III

GM I-95 MM 43.29_S

CONTRACT: 2018.13

SHEET NUMBER: 87

87 OF 101

Date: 11/27/2017

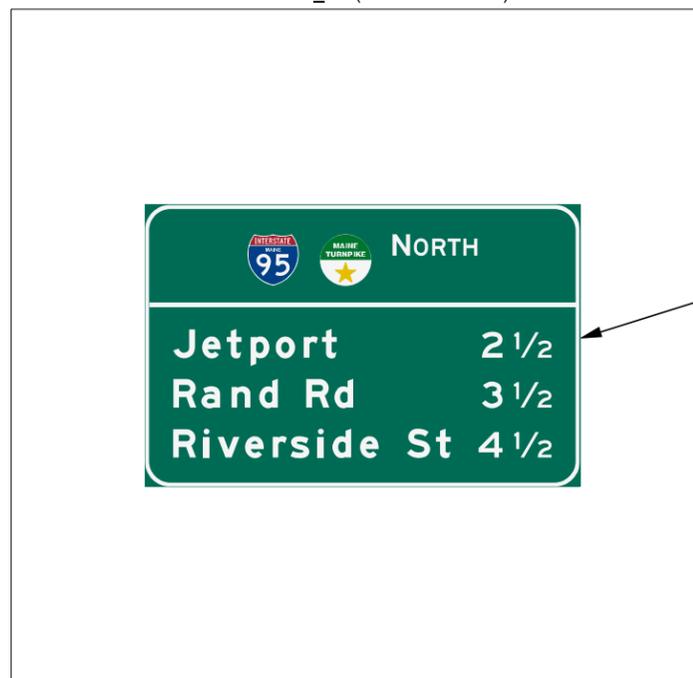


EXISTING OHSS I-95 MM 43.60_NL (MTA SGN 41158) SIGN FACE



REMOVE AND STACK EXISTING SIGN

PROPOSED OHSS I-95 MM 43.60_NL (MTA SGN6210) SIGN FACE



INSTALL NEW SIGN ON EXISTING OVERHEAD SIGN STRUCTURE WITH BOTTOM ALIGNED WITH ADJACENT SIGN

NOTE:
SEE SHEET 24
FOR HORIZONTAL SIGN PLACEMENT
ON EXISTING STRUCTURE

Filename: ... \088_55086_02_Sign_143.dgn



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MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III

OHSS I-95 MM 43.60_NL

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2018.13

SHEET NUMBER: 88

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Date: 11/27/2017



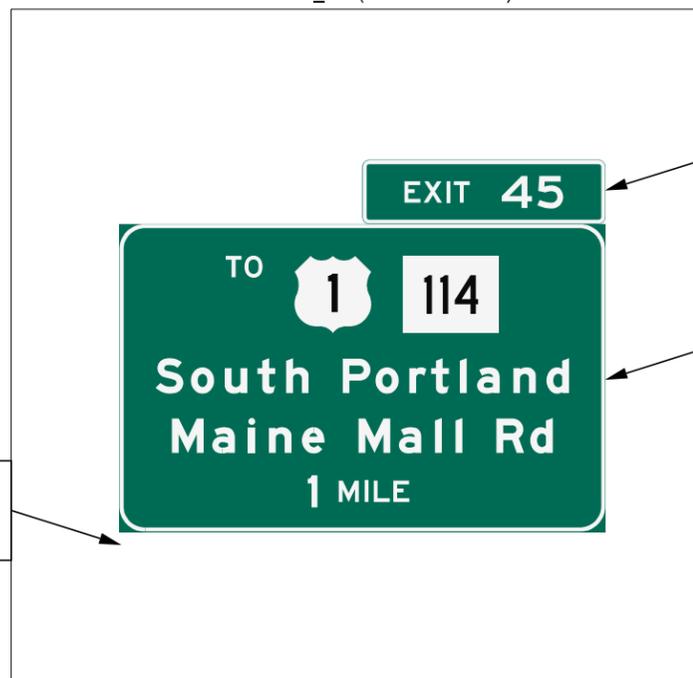
EXISTING OHSS I-95 MM 43.60_N (MTA SGN 41160) SIGN FACE



REMOVE AND STACK EXISTING SIGNS

CHIP AWAY LOOSE CONCRETE FROM RIGHT SIDE FOUNDATION. REPAIR CONCRETE AND SEAL EXPOSED FOUNDATION

PROPOSED OHSS I-95 MM 43.60_NR (MTA SGN 6209) SIGN FACE

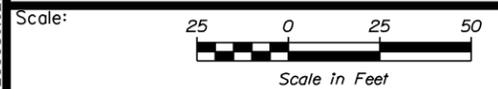


INSTALL EXIT PANEL ON THE TOP OF THE GUIDE SIGN WITH THE RIGHT EDGES ALIGNED

INSTALL NEW SIGN ON EXISTING OVERHEAD SIGN STRUCTURE WITH BOTTOM ALIGNED WITH ADJACENT SIGN

NOTE:
SEE SHEET 24
FOR HORIZONTAL SIGN PLACEMENT
ON EXISTING STRUCTURE

Filename: ... \089_55086_02_Sign_144.dgn



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GUIDE SIGN MODIFICATIONS, PHASE III

OHSS I-95 MM 43.60_NR

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

MTA PROJECT MANAGER: R. NORWOOD, IV

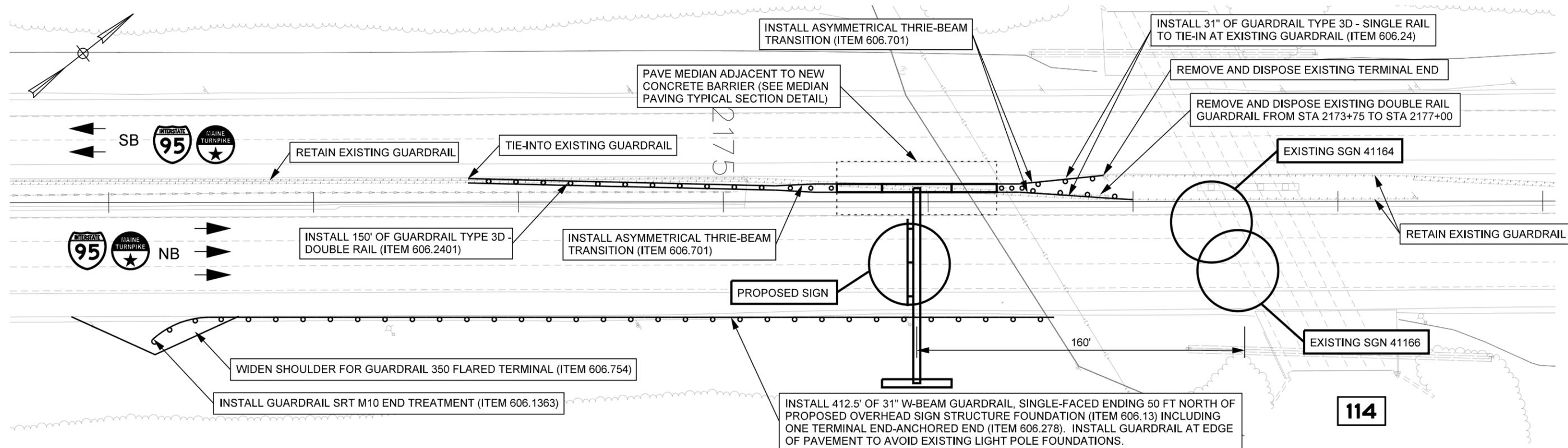
CONTRACT: 2018.13

SHEET NUMBER: 89

89 OF 101

Date: 12/18/2017

Filename: ... \090_55086_03_Sign_145.dwg



EXISTING OHSS I-95 MM 44.04_N (MTA SGN 41164) SIGN FACE



REMOVE AND STACK EXISTING SIGNS

REMOVE AND STACK EXISTING BRIDGE MOUNTED SIGN STRUCTURE (ITEM 645.1201)

EXISTING OHSS I-95 MM 44.04_N (MTA SGN 41166) SIGN FACE



PROPOSED OHSS I-95 MM 44.04_N (MTA SGN 6208) SIGN FACE



INSTALL EXIT PANEL ON THE TOP OF THE GUIDE SIGN WITH THE RIGHT EDGES ALIGNED

INSTALL NEW SIGN ON NEW OVERHEAD SIGN STRUCTURE LOCATED 160 FEET IN FRONT OF EXISTING OVERPASS (ITEM 645.12 OVERHEAD GUIDESIGN: (MM I-95 44.04_N))

- NOTE:
- SEE OVERHEAD SIGN STRUCTURES SHEETS FOR HORIZONTAL SIGN PLACEMENT ON EXISTING STRUCTURE
 - SEE OVERHEAD SIGN STRUCTURE FOUNDATION DETAILS FOR ADDITIONAL INFORMATION
 - SEE DETAILS FOR ADDITIONAL INFORMATION
 - SURVEY PROVIDED BY MTA ON NOV 6, 2017



Designed by:



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MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE III

OHSS I-95 MM 44.04_N

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

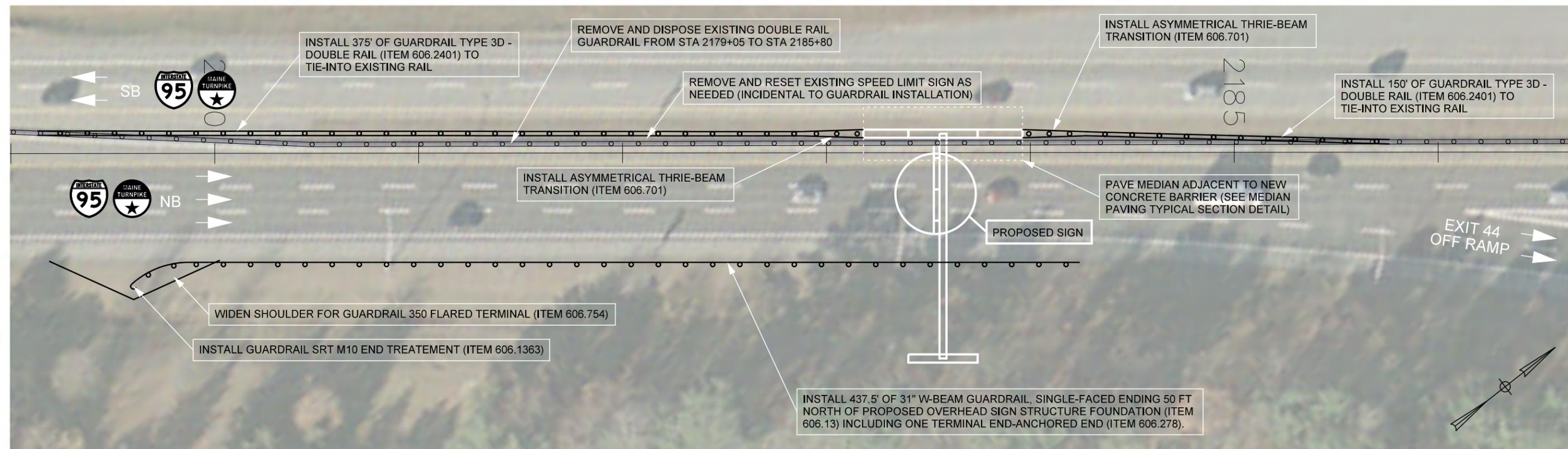
MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2018.13

SHEET NUMBER: 90

90 OF 101

Date: 12/18/2017



PROPOSED OHSS I-95 MM 44.14_N (MTA SGN 6207) SIGN FACE

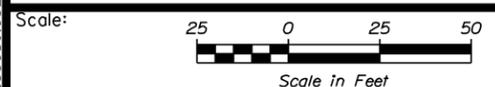


INSTALL EXIT PANEL ON THE TOP OF THE GUIDE SIGN WITH THE RIGHT EDGES ALIGNED

INSTALL NEW SIGN ON NEW OVERHEAD SIGN STRUCTURE (ITEM 645.12 OVERHEAD GUIDESIGN: (MM I-95 44.14_N))

- NOTE:
1. SEE OVERHEAD SIGN STRUCTURES SHEETS FOR HORIZONTAL SIGN PLACEMENT ON EXISTING STRUCTURE
 2. SEE OVERHEAD SIGN STRUCTURE FOUNDATION DETAILS FOR ADDITIONAL INFORMATION
 3. SEE DETAILS FOR ADDITIONAL INFORMATION

Filename: ... \091_55086_03_Sign_147.dgn



No.	Revision	By	Date

Designed by:

CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

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THE GOLD STAR MEMORIAL HIGHWAY

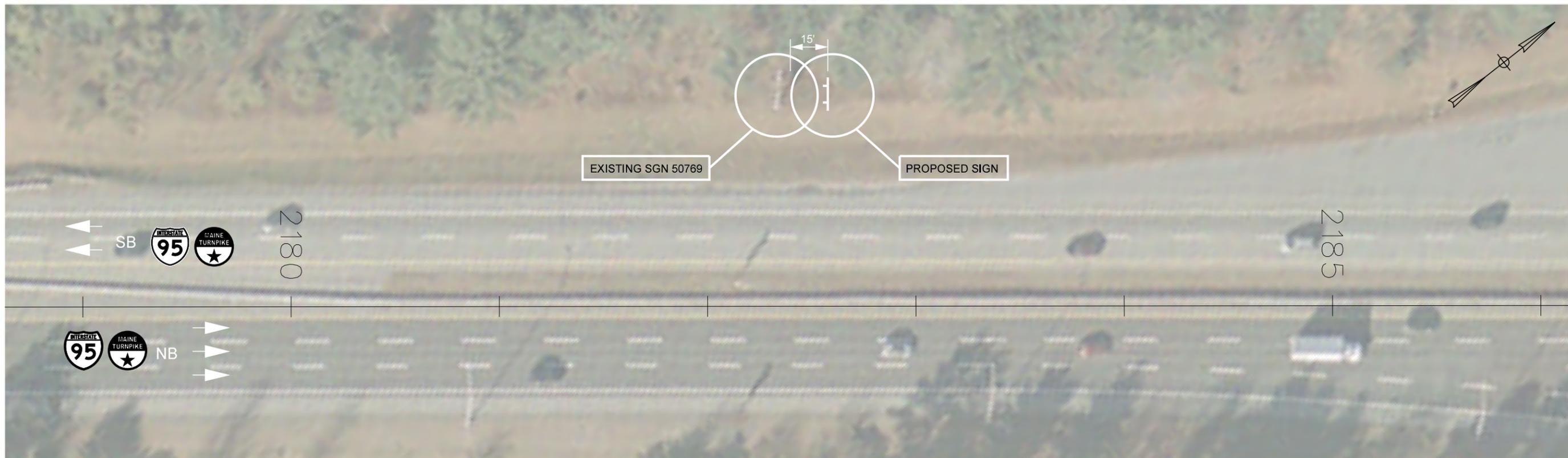
MTA PROJECT MANAGER: R. NORWOOD, IV

MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III

OHSS I-95 MM 44.14_N

SHEET NUMBER: 91
CONTRACT: 2018.13
91 OF 101

Date: 11/27/2017



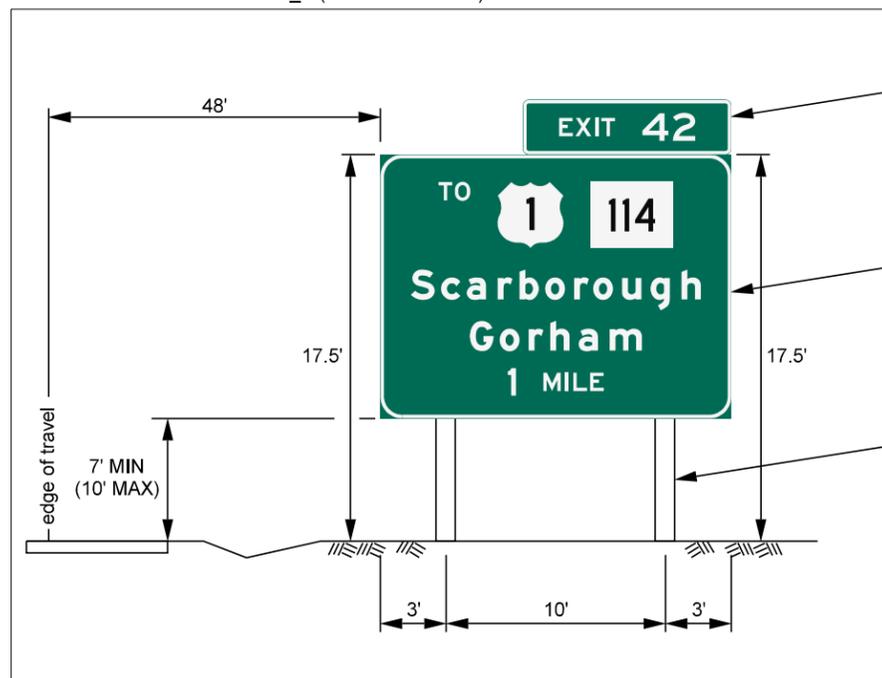
EXISTING GM I-95 MM 44.14_S (MTA SGN 50769) SIGN FACE



REMOVE AND STACK EXISTING SIGNS

REMOVE EXISTING SUPPORTS AND FOUNDATIONS

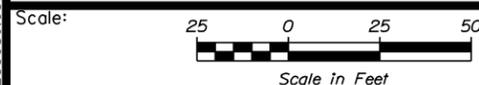
PROPOSED GM I-95 MM 44.14_S (MTA SGN 6206) SIGN FACE



INSTALL EXIT PANEL ON THE TOP OF THE GUIDE SIGN WITH THE RIGHT EDGES ALIGNED

INSTALL NEW SIGN ON NEW SUPPORTS 15 FEET IN FRONT OF EXISTING SIGN

INSTALL TWO W14X30 H-BEAM BREAKAWAY POSTS WITH FOUNDATIONS



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MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE III

GM I-95 MM 44.14_S

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2018.13

SHEET NUMBER: 92

92 OF 101

Filename: ... \092_55086_03_Sign_148.dwg

Date: 11/27/2017

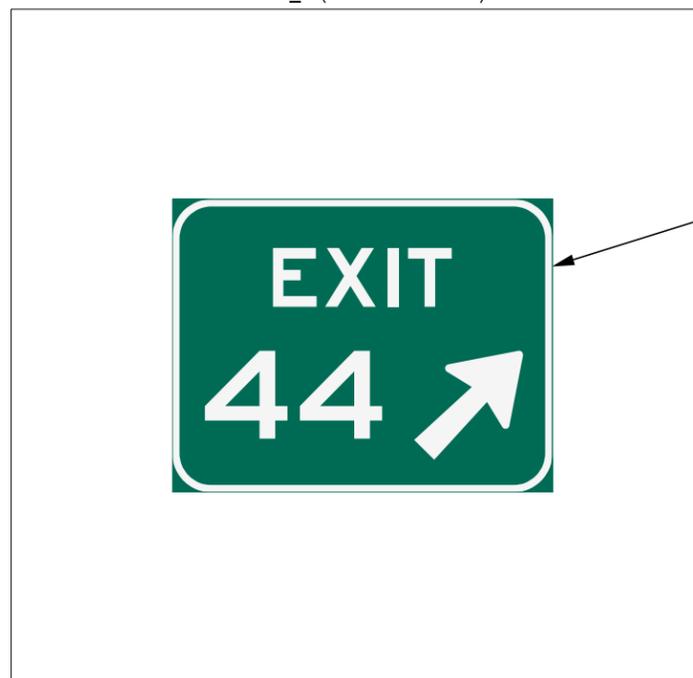


EXISTING GM I-95 MM 44.26_N (MTA SGN 41170) SIGN FACE



REMOVE AND STACK EXISTING SIGN

PROPOSED GM I-95 MM 44.26_N (MTA SGN 6205) SIGN FACE



INSTALL NEW SIGN ON EXISTING SUPPORT TWO INCHES ABOVE THE HINGE PLATE

Filename: ... \093_55086_03_Sign_149.dgn



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MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE III

GM I-95 MM 44.26_N

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2018.13

SHEET NUMBER: 93

93 OF 101

Date: 11/27/2017



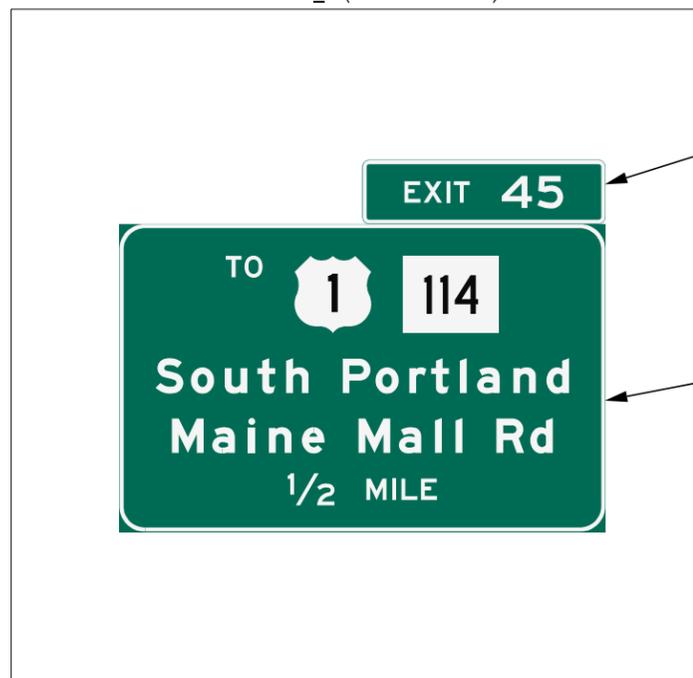
EXISTING OHSS I-95 MM 44.35_N (MTA SGN 41321) SIGN FACE



REMOVE AND STACK EXISTING SIGN

REMOVE AND SALVAGE EXISTING BRIDGE MOUNTED SIGN SUPPORT

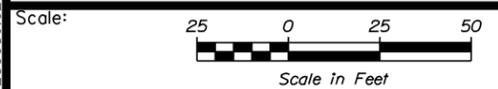
PROPOSED OHSS I-95 MM 44.35_N (MTA SGN 6204) SIGN FACE



INSTALL EXIT PANEL ON THE TOP OF THE GUIDE SIGN WITH THE RIGHT EDGES ALIGNED

INSTALL NEW SIGN ON NEW LARGE BRIDGE MOUNTED SIGN SUPPORT (ITEM 645.13, STD. 645(12))

Filename: ...094_55086_02_Sign_150.dwg



No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

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**THE GOLD STAR
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MTA PROJECT MANAGER: R. NORWOOD, IV

**MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE III**

OHSS I-95 MM 44.35_N

SHEET NUMBER: 94

CONTRACT: 2018.13

94 OF 101

Date: 11/27/2017



EXISTING OHSS I-95 MM 44.62_N (MTA SGN 41328) SIGN FACE



INSTALL NEW OVERLAY OVER "MAINE MALL RD., PAYNE RD., ARROW"

PROPOSED OHSS I-95 MM 44.62_N (MTA SGN 41328) SIGN FACE



INSTALL NEW SHEET ALUMINUM OVERLAY OL-1 ON EXISTING SIGN

NOTES:

1. CONTRACTOR TO VERIFY OVERLAY WILL COVER EXISTING TEXT PRIOR TO FABRICATION
2. NEW SIGN AND BRIDGE MOUNTED SIGN SUPPORT WILL BE REQUIRED FOR FUTURE CUMMINGS ROAD OVERPASS BRIDGE PROJECT

Filename: ... \095_55086_02_Sign_152.dwg

Scale: 25 0 25 50
Scale in Feet

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

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**THE GOLD STAR
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MTA PROJECT MANAGER: R. NORWOOD, IV

**MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III**

OHSS I-95 MM 44.62_N

SHEET NUMBER: 95
CONTRACT: 2018.13
95 OF 101

Date: 11/27/2017



EXISTING GM I-95 MM 45.09_S (MTA SGN 50760) SIGN FACE



INSTALL NEW OVERLAY OVER "MAINE MALL RD., PAYNE RD., ARROW"

PROPOSED GM I-95 MM 45.09_S (MTA SGN 50760) SIGN FACE



INSTALL NEW SHEET ALUMINUM OVERLAY OL-2 ON EXISTING SIGN

- NOTE:
1. CONTRACTOR TO VERIFY OVERLAY WILL COVER EXISTING TEXT PRIOR TO FABRICATION
 2. NEW SIGN WILL REQUIRE THREE NEW W12X26 H BEAM (BREAKAWAY) SIGN SUPPORTS WHEN RELOCATED FOR TURNPIKE WIDENING

Filename: ...096_55086_02_Sign_156.dgn



Designed by:



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THE GOLD STAR
MEMORIAL HIGHWAY

MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III

GM I-95 MM 45.09_S

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2018.13

SHEET NUMBER: 96

96 OF 101

Date: 11/27/2017



EXISTING GM I-95 MM 45.48_S (MTA SGN 50756) SIGN FACE



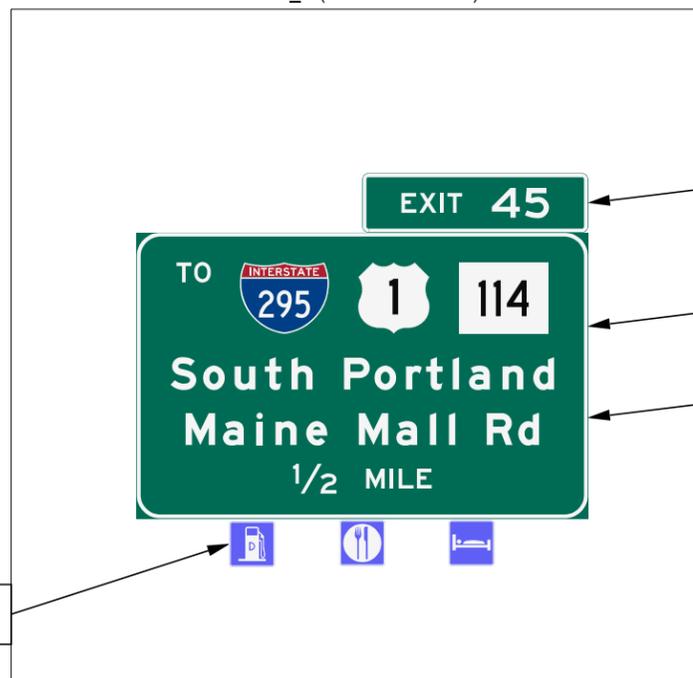
REMOVE AND STACK EXISTING SIGNS

REMOVE AND STACK EXISTING SIGNS

RETAIN EXISTING SIGN SUPPORTS

INSTALL SUPPLEMENTAL PLAQUES BELOW PRIMARY SIGN

PROPOSED GM I-95 MM 45.48_S (MTA SGN6192) SIGN FACE



INSTALL EXIT PANEL ON THE TOP OF THE GUIDE SIGN WITH THE RIGHT EDGES ALIGNED

INSTALL NEW W12X26 TOP PORTION OF SUPPORTS AND HINGE PLATES

INSTALL NEW SIGN ON EXISTING SUPPORTS 2 INCHES ABOVE THE HINGE PLATE

NOTE:
NEW SIGN WILL REQUIRE TWO W14X30 H BEAM (BREAKAWAY) SIGN SUPPORTS WHEN REPLACED FOR TURNPIKE WIDENING



Designed by:



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MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE III

GM I-95 MM 45.48_S

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
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MTA PROJECT MANAGER: R. NORWOOD, IV

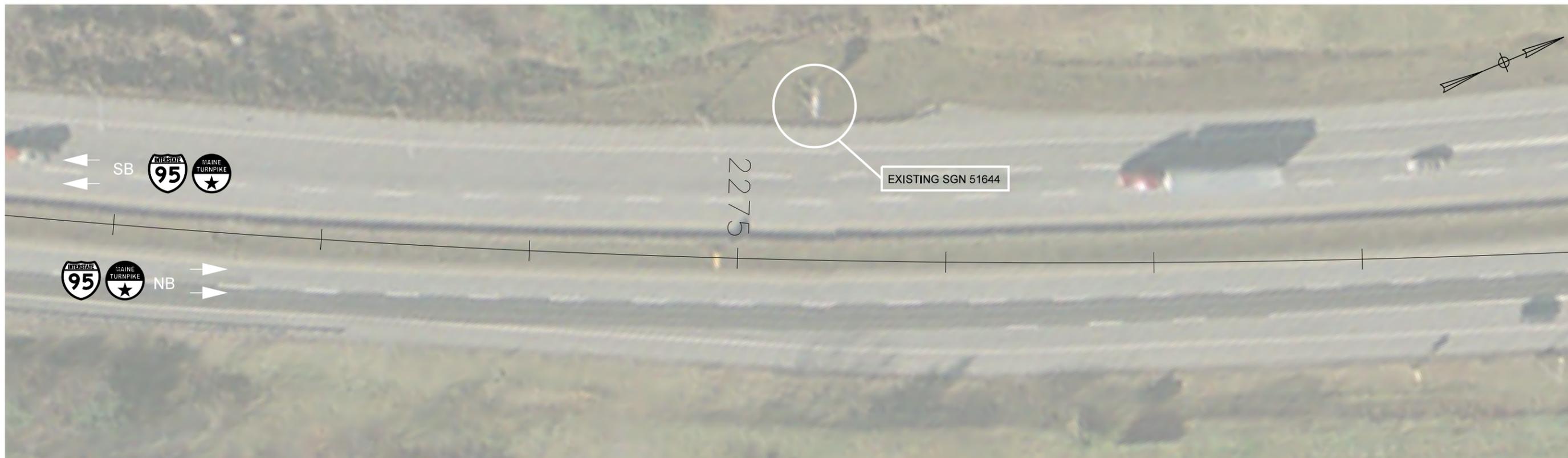
CONTRACT: 2018.13

SHEET NUMBER: 97

97 OF 101

Filename: ... \097_55086_02_Sign_160.dwg

Date: 12/18/2017



EXISTING GM I-95 MM 45.94_S (MTA SGN 51644) SIGN FACE



REMOVE AND STACK EXISTING SIGN

RETAIN EXISTING SIGN SUPPORTS

INSTALL SUPPLEMENTAL PLAQUES BELOW PRIMARY SIGN

PROPOSED GM I-95 MM 45.94_S (MTA SGN6189) SIGN FACE



INSTALL 2-3' PANEL SUPPORTS TO PROVIDE SUPPORT FOR THE LENGTH OF THE SIGN THAT EXTENDS BEYOND THE EXISTING POSTS

INSTALL NEW SIGN ON EXISTING SUPPORTS. MOUNT SIGN WITH THE LEFT EDGE AT MINIMUM 7 FEET ABOVE GRADE

Filename: ... \098_55086_02_Sign_163.dgn



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GUIDE SIGN MODIFICATIONS, PHASE III

GM I-95 MM 45.94_S

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2018.13

SHEET NUMBER: 98

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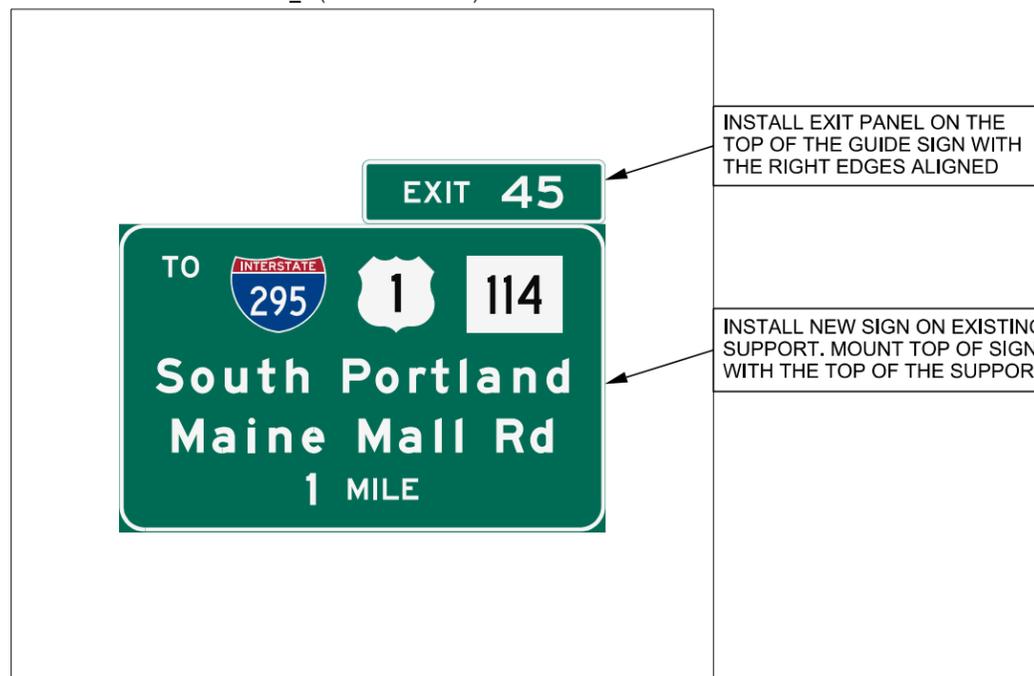
Date: 11/27/2017



EXISTING GM I-95 MM 46.19_S (MTA SGN 994779) SIGN FACE

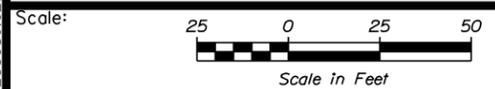


PROPOSED GM I-95 MM 46.19_S (MTA SGN6186) SIGN FACE



NOTE:
 NEW SIGN WILL REQUIRE TWO
 W14X30 H BEAM (BREAKAWAY) SIGN
 SUPPORTS WHEN REPLACED FOR
 TURNPIKE WIDENING.

Filename: ... \099_55086_02_Sign_167.dgn



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MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE III

GM I-95 MM 46.19_S

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS

	By	Date	By	Date
Designed	MLG	11-2017	Checked	MDS 11-2017
Drawn	JAR	11-2017	In Charge of	MDS 11-2017

MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2018.13

SHEET NUMBER: 99

99 OF 101

Date: 11/27/2017



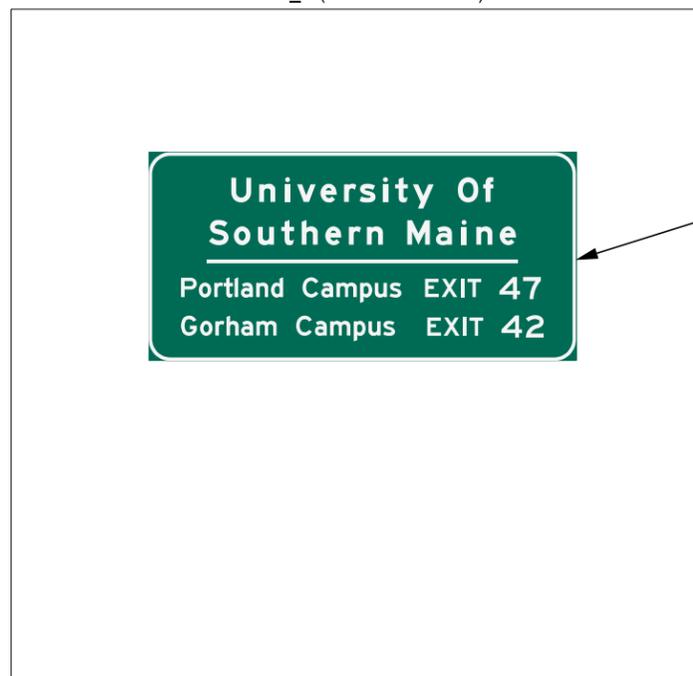
EXISTING GM I-95 MM 50.39_S (MTA SGN 50705) SIGN FACE



REMOVE AND STACK EXISTING SIGNS

RETAIN EXISTING SUPPORTS

PROPOSED GM I-95 MM 50.39_S (MTA SGN 6156) SIGN FACE



INSTALL NEW SIGN ON EXISTING SUPPORTS. MOUNT TOP OF SIGN WITH THE TOP OF THE SUPPORTS. THE BOTTOM OF THE SIGN WILL BE MOUNTED APPROXIMATELY 18 INCHES ABOVE THE HINGE PLATES.

Filename: ...100_55086.03_Sign_196.dgn



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MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE III

GM I-95 MM 50.39_S

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	11-2017	Checked	MDS	11-2017
Drawn	JAR	11-2017	In Charge of	MDS	11-2017

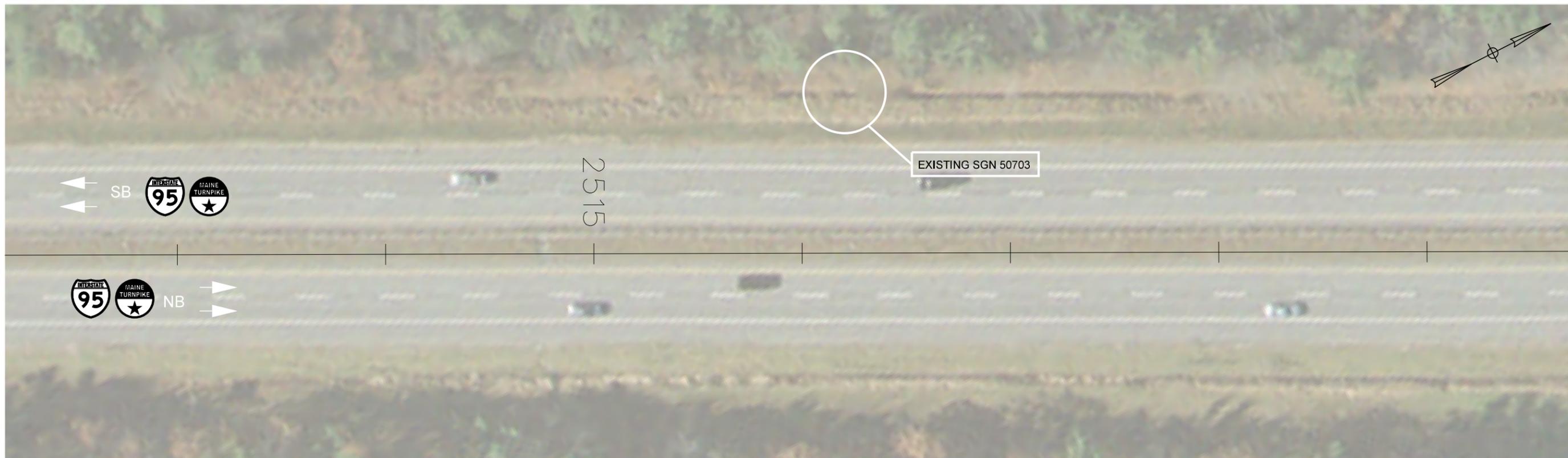
MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2018.13

SHEET NUMBER: 100

100 OF 101

Date: 11/27/2017



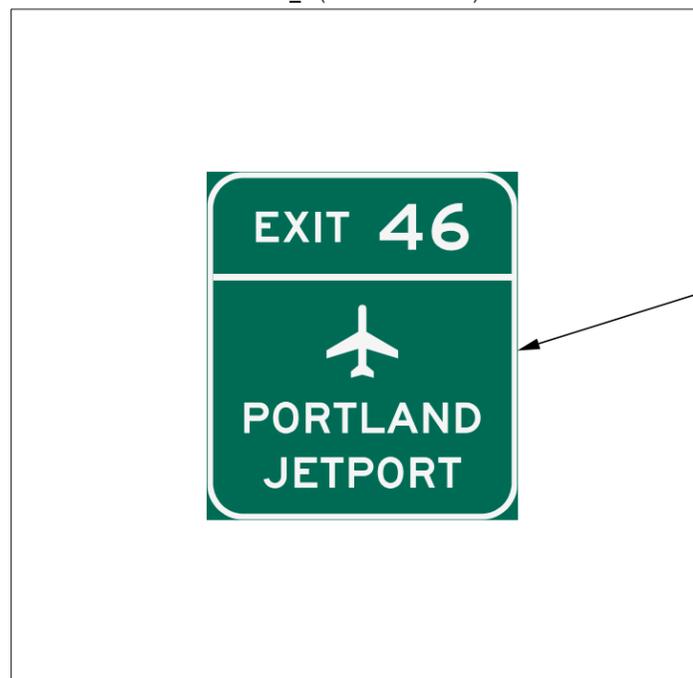
EXISTING GM I-95 MM 50.54_S (MTA SGN 50703) SIGN FACE



REMOVE AND STACK EXISTING SIGN

RETAIN EXISTING SIGN SUPPORTS WITH MAINTENANCE. REPLACE MISSING BOLT AND NUT FROM BREAKAWAY KIT

PROPOSED GM I-95 MM 50.54_S (MTA SGN6155) SIGN FACE



INSTALL NEW SIGN ON EXISTING SUPPORTS. MOUNT THE TOP OF THE SIGN WITH THE TOP OF THE SUPPORTS.

Filename: ...101_55086.02_Sign_198.dgn



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GUIDE SIGN MODIFICATIONS, PHASE III

GM I-95 MM 50.54_S

No.	Revision	By	Date

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MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2018.13

SHEET NUMBER: 101

101 OF 101