



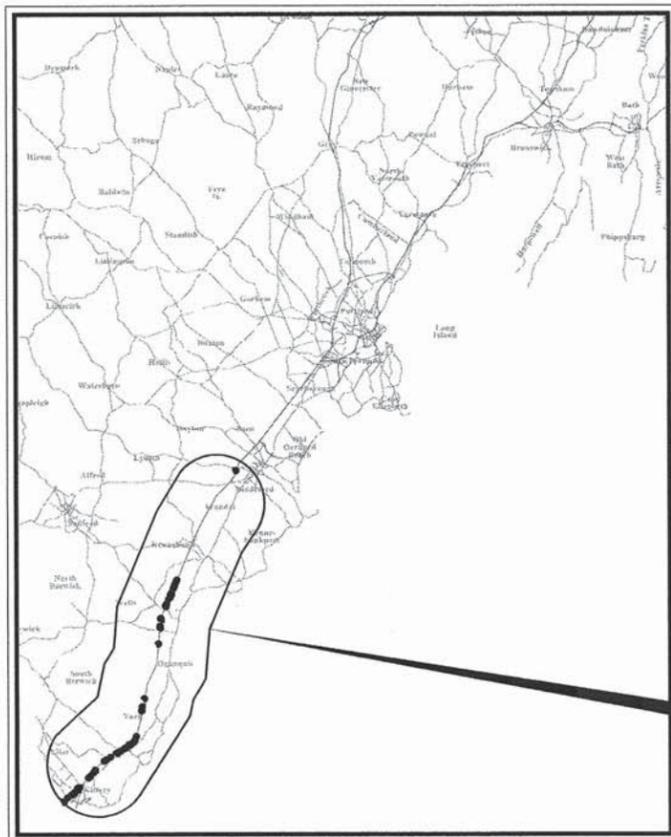
THE GOLD STAR
MEMORIAL HIGHWAY

MAINE TURNPIKE AUTHORITY

DANIEL E. WATHEN, CHAIR
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MICHAEL J. CIANCHETTE, MEMBER
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CONTRACT 2019.03 GUIDE SIGN MODIFICATIONS, PHASE IV MAINE TURNPIKE EXITS 1-19



Contract 2019.03
Guide Sign Modifications,
Phase IV

LOCATION MAP

INDEX OF SHEETS

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8	Traffic Control Plans
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21	Overhead Sign Structures
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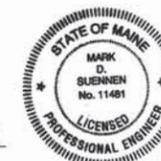
APPROVED: MAINE TURNPIKE AUTHORITY

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PETER S. MERFELD, P.E. - CHIEF OPERATIONS OFFICER

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2/25/2019
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STEPHEN R. TARTRE, P.E. - DIRECTOR OF ENGINEERING &
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2/25/19
DATE

Contract 2019.03

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.
- 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.
- 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 Contractor is responsible for determining the final sign support lengths to fit the approved sign location. The sign shall be mounted at 8 feet above the pavement surface plus or minus 6 inches.
- 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.
- All excavation is incidental to the DMS/ Solar Panel/ foundation items, conduit, junction box or sign items.
- All clearing shall be considered incidental to the contract and no separate payment will be made.

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 that are 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. All other signs removed shall be disposed of in a manner acceptable to the Resident.
- Salvaging Sign Supports All steel sign supports 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.
- Where guardrail protects the sign, the nearest edge of sign 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

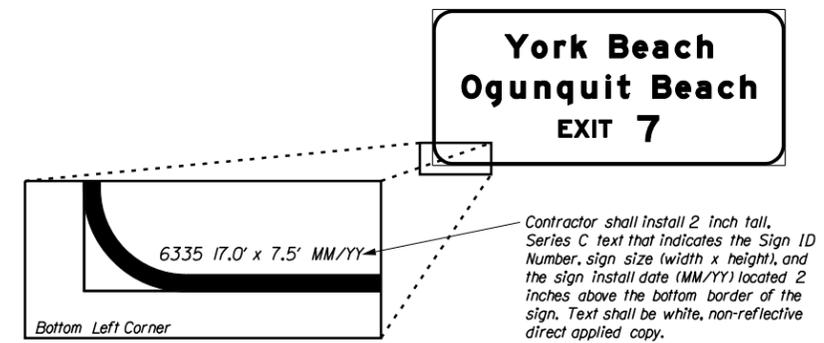
- All new steel H-beam supports shall extend to the top of the new sign, except where noted in the plans.
- Where indicated on the plans, the Contractor shall install new steel H-beam sign supports on new concrete foundations. The Contractor is encouraged to consider using pre-cast foundations for the 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: 30 inch diameter x 7 feet deep
 - For W10x22 H-beam Supports: 30 inch diameter x 8 feet deep
 - For W12x26 H-beam Supports: 36 inch diameter x 8 feet deep
 - For W14x30 H-beam Supports: 36 inch diameter x 9 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.

TRAFFIC CONTROL

- All traffic control equipment shall conform to the Authority's 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.
- The Contractor shall submit a lighting plan for night work for approval.

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.
- All proposed guardrail shall be installed in a manner to avoid electrical and drainage structures.
- Guardrail details for transitions have been provided in the plans.
- Damage to existing pavement or new pavement due to the installation of new guardrail shall be repaired and payment shall be incidental to the guardrail items.



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

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Filename: ... \planset\002_55086.04_Notes.dgn

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No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

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THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD, IV

MAINE TURNPIKE GUIDE SIGN MODIFICATIONS, PHASE IV

GENERAL NOTES

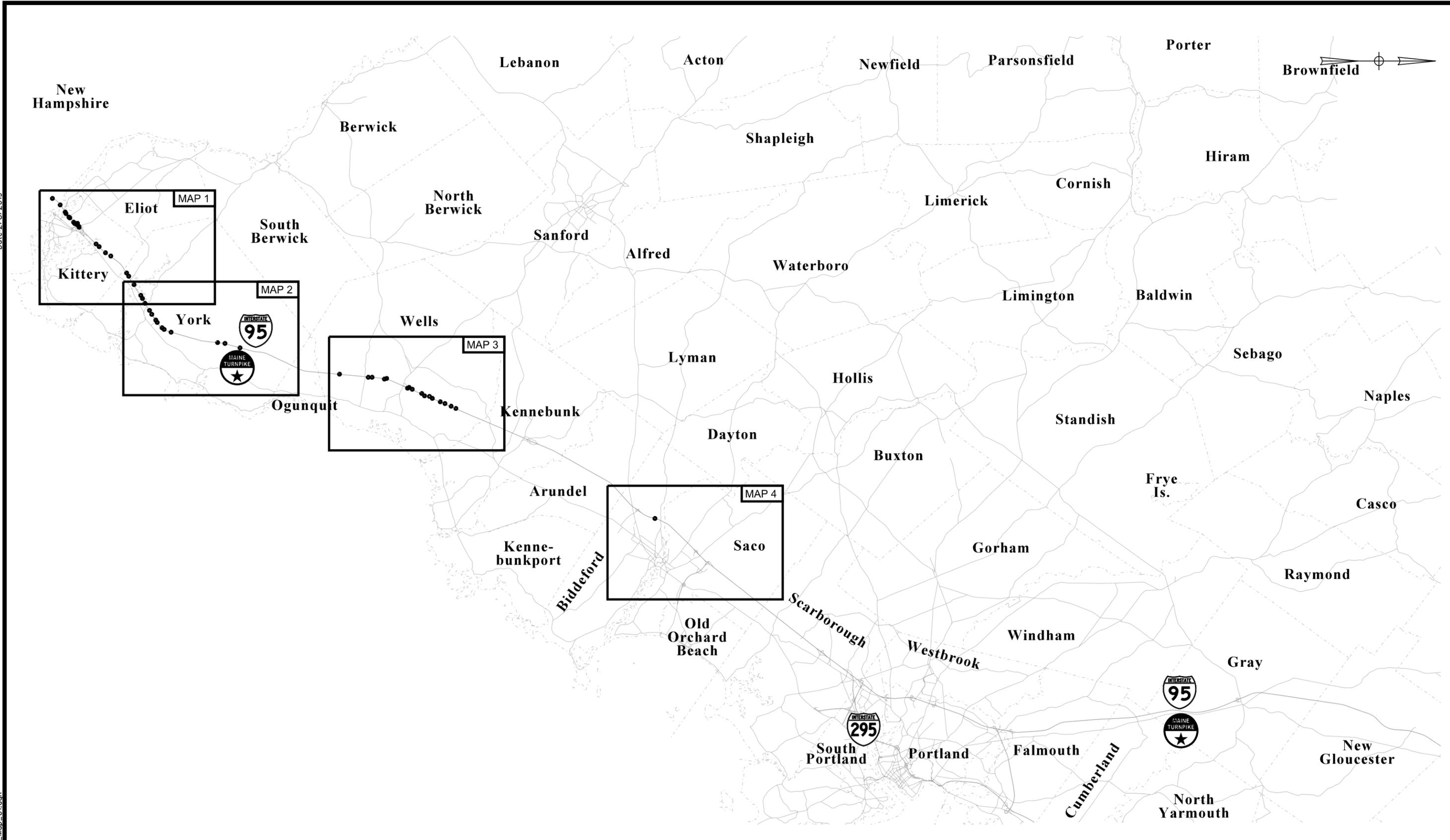
SHEET NUMBER: 2

CONTRACT: 2019.03

2 OF 80

Date: 2/8/2019

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

No.	Revision	By	Date

Designed by:



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

OVERALL MAP

SHEET NUMBER: 3
CONTRACT: 2019.03
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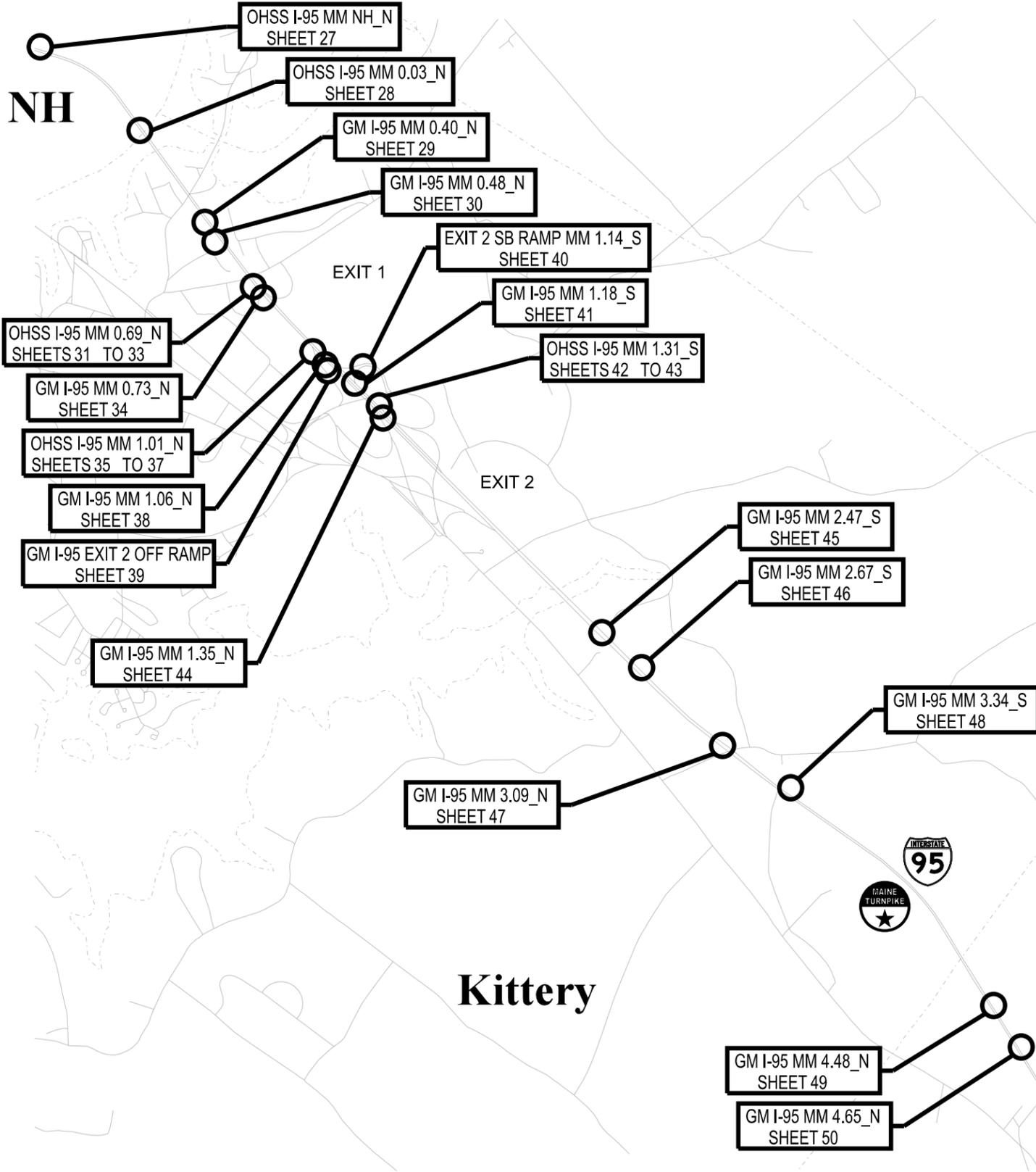
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Date: 2/8/2019

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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:

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By	Date	By	Date
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THE GOLD STAR MEMORIAL HIGHWAY

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

MAP 1

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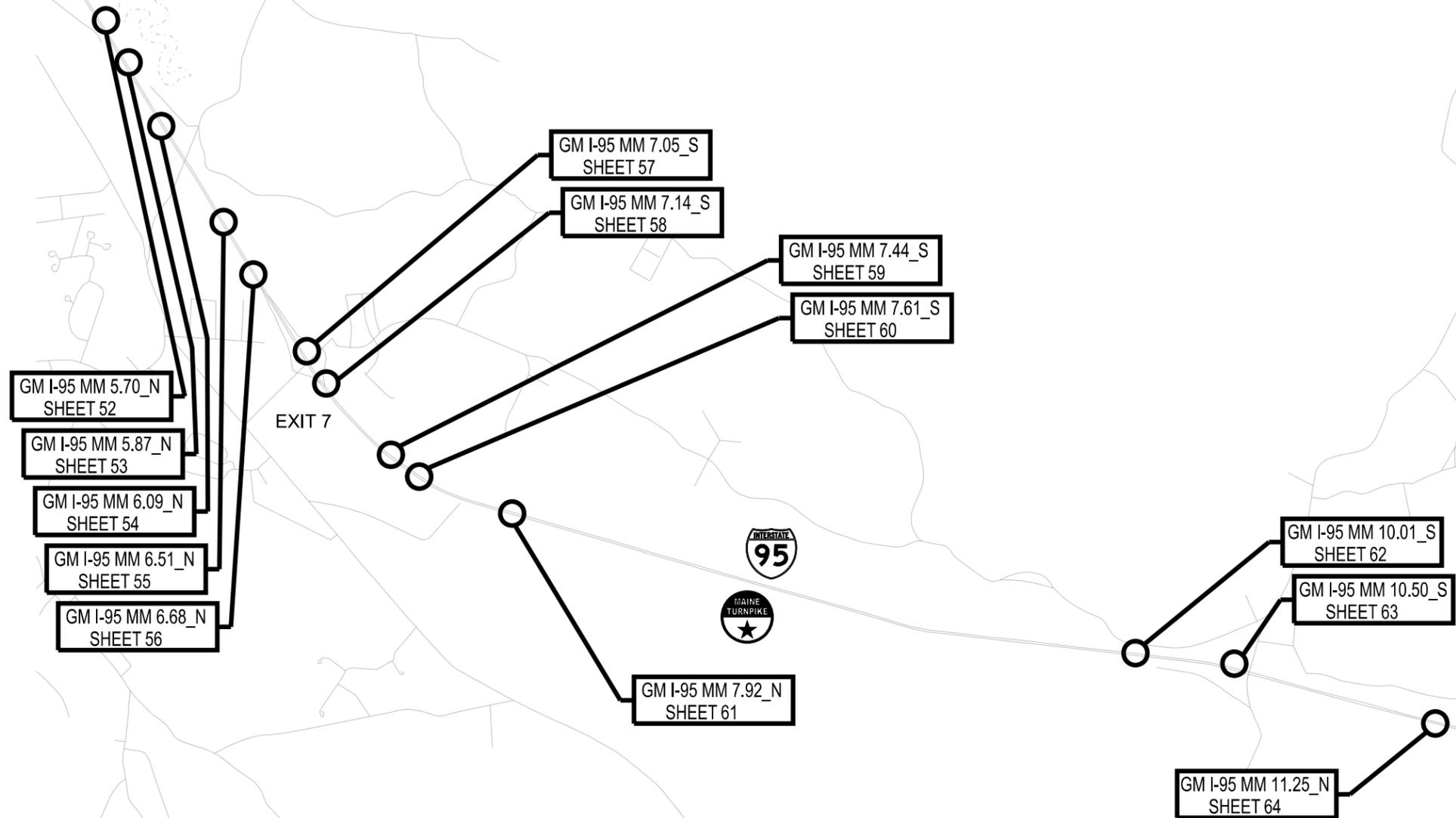
CONTRACT: 2019.03

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Date: 2/8/2019



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

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

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

MAP 2

CONTRACT: 2019.03

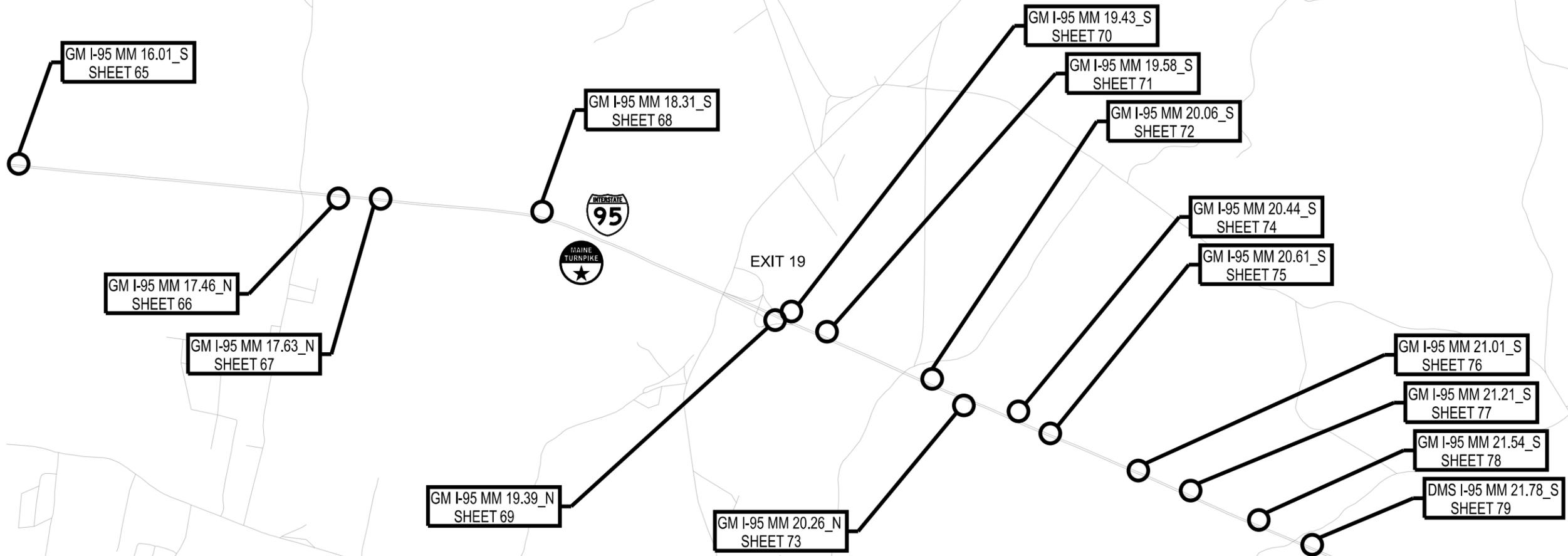
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5 OF 80

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Date: 2/8/2019

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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

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



Scale in Feet

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THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD, IV

MAINE TURNPIKE GUIDE SIGN MODIFICATIONS, PHASE IV

MAP 3

CONTRACT: 2019.03

SHEET NUMBER: 6

6 OF 80

Date: 2/8/2019



Saco

EXIT 32

DMS I-95 MM 32.52_N
SHEET 80

EXIT 36



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

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MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE IV

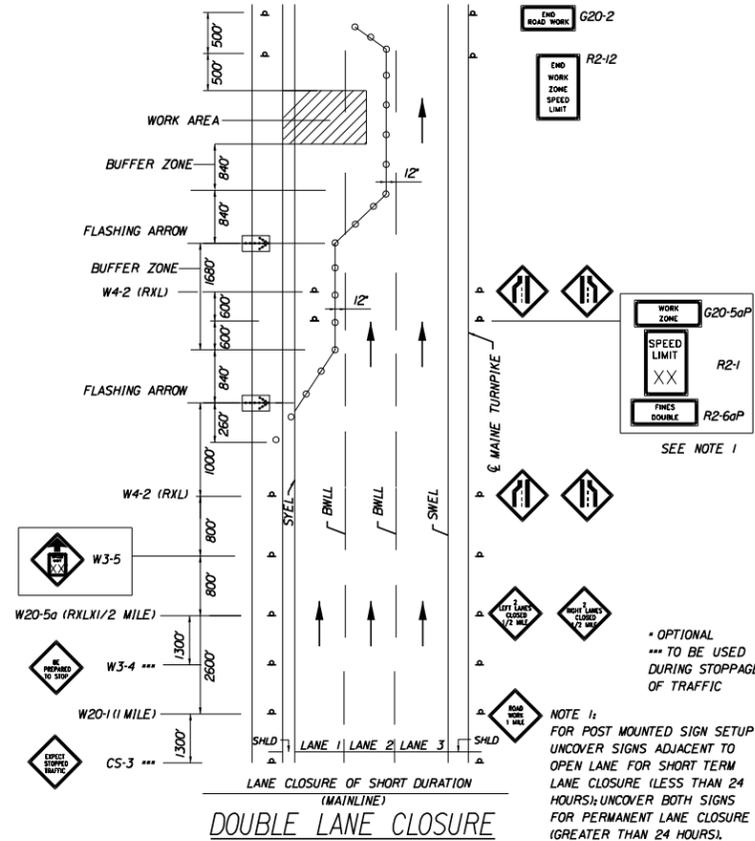
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CONTRACT: 2019.03

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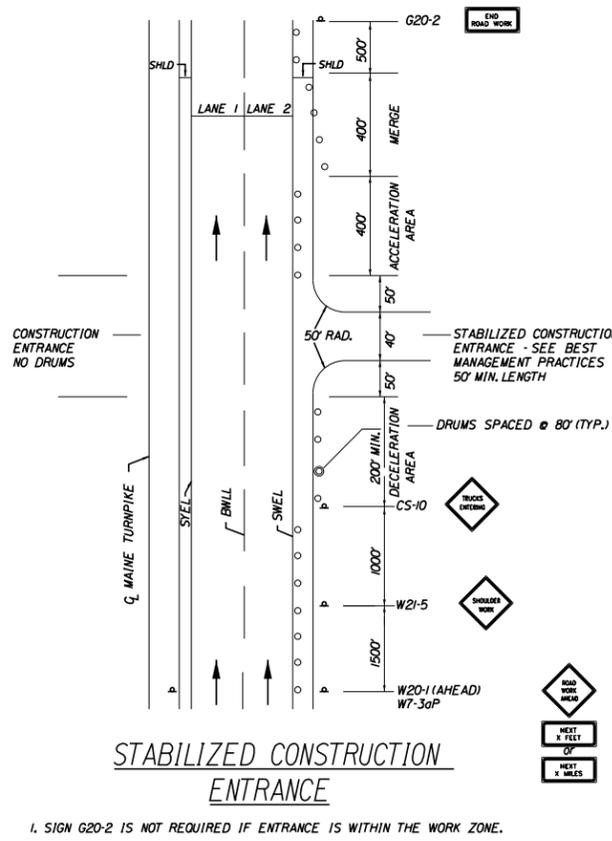
7 OF 80

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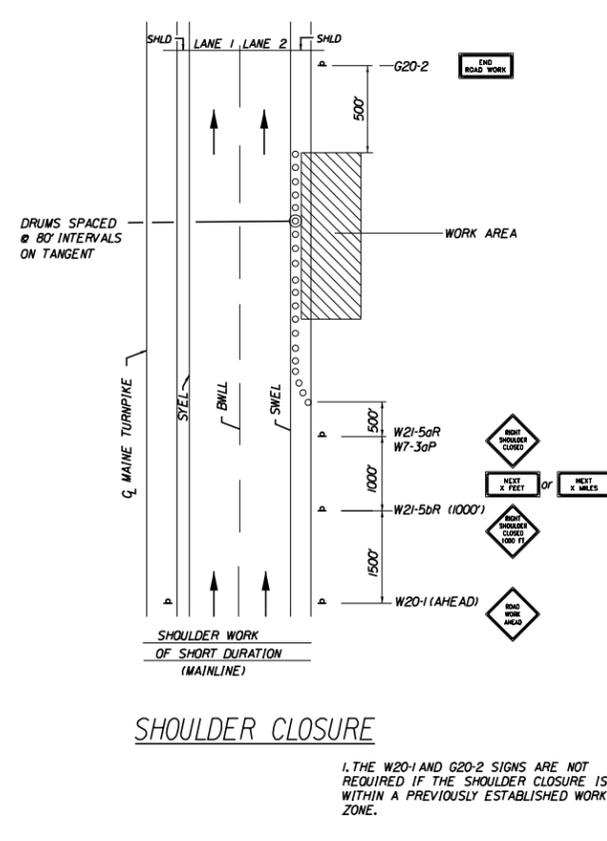
DOUBLE LANE CLOSURE (MAINLINE)

NOTE 1: FOR POST MOUNTED SIGN SETUP UNCOVER SIGNS ADJACENT TO OPEN LANE FOR SHORT TERM LANE CLOSURE (LESS THAN 24 HOURS); UNCOVER BOTH SIGNS FOR PERMANENT LANE CLOSURE (GREATER THAN 24 HOURS).



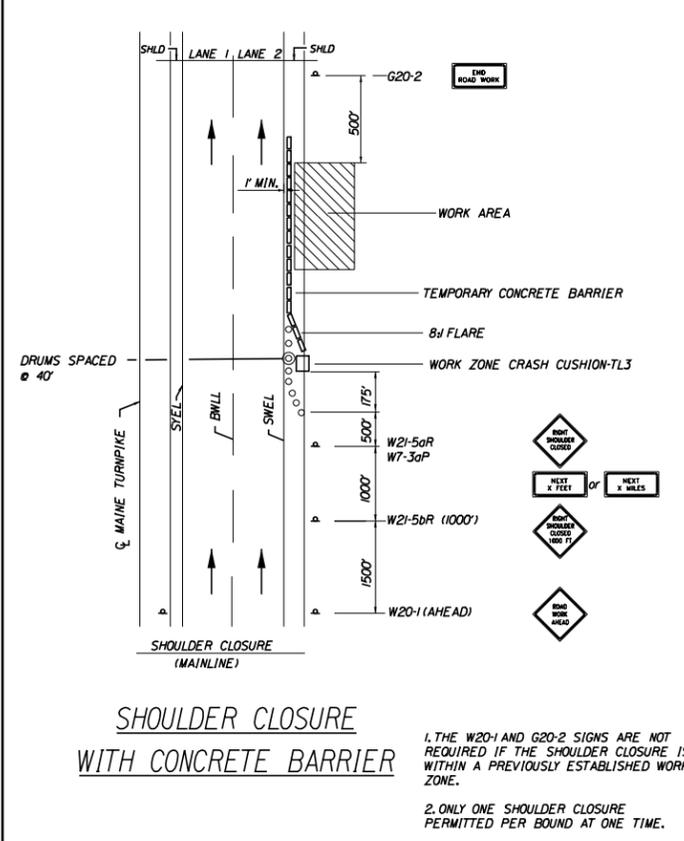
STABILIZED CONSTRUCTION ENTRANCE

1. SIGN G20-2 IS NOT REQUIRED IF ENTRANCE IS WITHIN THE WORK ZONE.



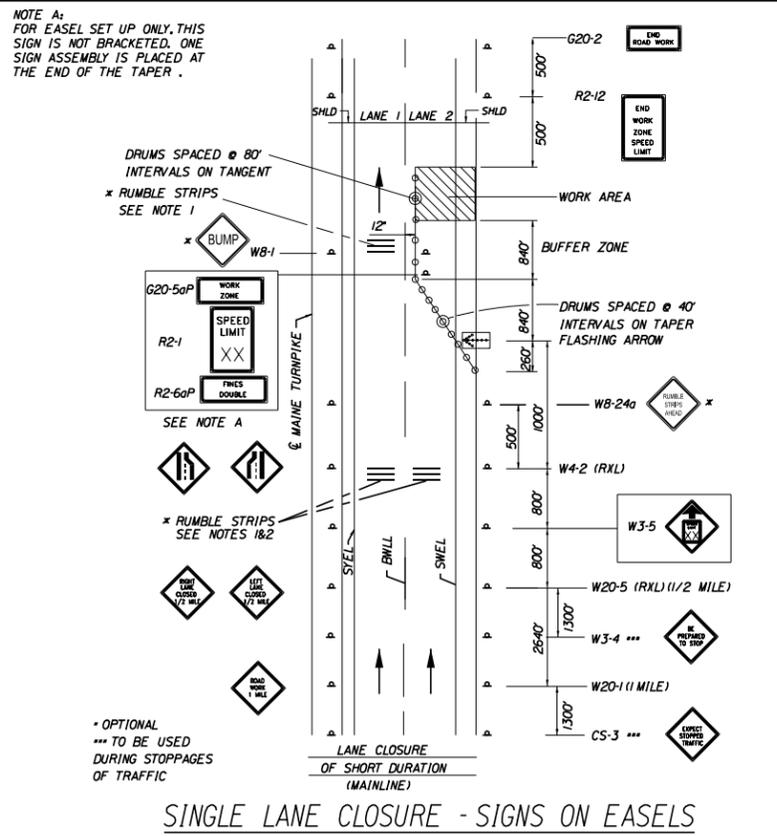
SHOULDER CLOSURE (MAINLINE)

1. THE W20-1 AND G20-2 SIGNS ARE NOT REQUIRED IF THE SHOULDER CLOSURE IS WITHIN A PREVIOUSLY ESTABLISHED WORK ZONE.

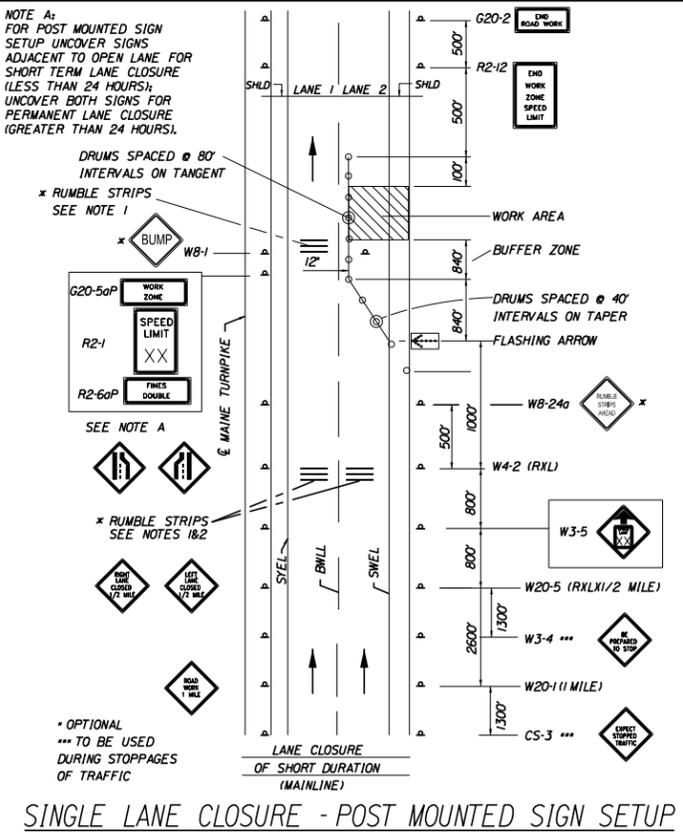


SHOULDER CLOSURE WITH CONCRETE BARRIER

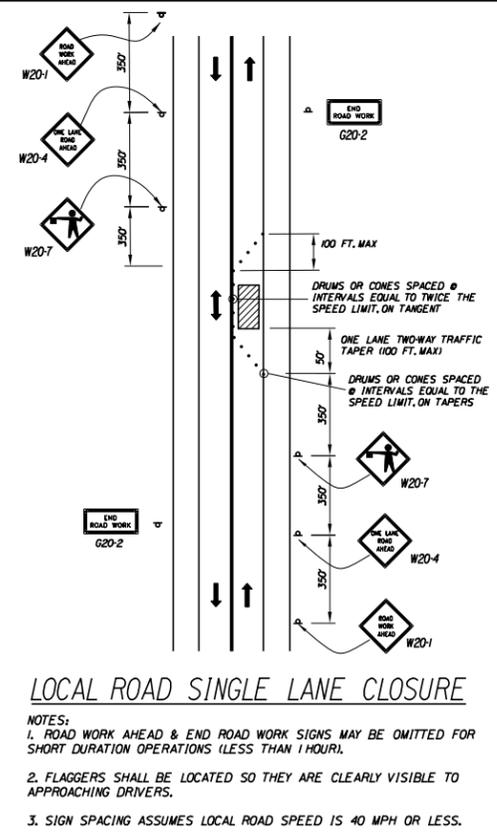
1. THE W20-1 AND G20-2 SIGNS ARE NOT REQUIRED IF THE SHOULDER CLOSURE IS WITHIN A PREVIOUSLY ESTABLISHED WORK ZONE.
2. ONLY ONE SHOULDER CLOSURE PERMITTED PER BOUND AT ONE TIME.



SINGLE LANE CLOSURE - SIGNS ON EASELS



SINGLE LANE CLOSURE - POST MOUNTED SIGN SETUP



LOCAL ROAD SINGLE LANE CLOSURE

NOTES:
1. ROAD WORK AHEAD & END ROAD WORK SIGNS MAY BE OMITTED FOR SHORT DURATION OPERATIONS (LESS THAN 1 HOUR).
2. FLAGGERS SHALL BE LOCATED SO THEY ARE CLEARLY VISIBLE TO APPROACHING DRIVERS.
3. SIGN SPACING ASSUMES LOCAL ROAD SPEED IS 40 MPH OR LESS.

- GENERAL MAINTENANCE OF TRAFFIC NOTES:**
- ALL PAVEMENT STRIPING & SIGNING SHALL BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", U.S.D.O.T., F.H.W.A., LATEST EDITION.
 - THESE PLANS SHOW THE GENERAL CONDITION FOR TURNPIKE MAINLINE TRAFFIC CONTROL DURING CONSTRUCTION. SLIGHT MODIFICATIONS IN CONSTRUCTION PROCEDURE MAY OCCUR AND MAY REQUIRE SOME MINOR ADJUSTMENTS TO BE MADE IN THE FIELD. ALL PROCEDURES MUST BE APPROVED BY THE RESIDENT.
 - THE CONTRACTOR SHALL REMOVE ALL PAVEMENT MARKINGS THAT CONFLICT WITH PROPOSED PAVEMENT MARKINGS IN ACCORDANCE WITH THE SPECIFICATIONS AND MUTCD. PAYMENT SHALL BE MADE UNDER ITEM 627.77 - REMOVING PAVEMENT MARKINGS.
 - EXPOSED BARRIER ENDS ON THE MAINE TURNPIKE SHALL BE PROTECTED BY A WORK ZONE CRASH CUSHION. PAYMENT WILL BE UNDER ITEM 527.341 - WORK ZONE CRASH CUSHION - TL-3.
 - SPEED LIMIT, STOP, YIELD AND EXIT SIGNS SHALL BE A MINIMUM OF 5' ABOVE THE PAVEMENT.
 - WORK ZONE SPEED LIMIT ASSEMBLY MAY BE REPLACED WITH AN AUTOMATED WORK ZONE SPEED LIMIT SIGN (ITEM 652.451)
 - WHERE THE POSTED SPEED LIMIT IS 70 MPH, THE TRAFFIC CONTROL SHALL USE 60 MPH. WHERE THE POSTED SPEED LIMIT IS 65 MPH OR LESS THE TRAFFIC CONTROL SHALL USE 50 MPH.
- ABBREVIATIONS FOR ALL M.O.T. PLANS**
- BWLL = BROKEN WHITE LANE LINE
SWEL = SOLID WHITE LANE LINE
SYEL = SOLID YELLOW LANE LINE
TBWLL = TEMPORARY BROKEN WHITE LANE LINE
TDWEL = TEMPORARY DOTTED WHITE EDGE LINE
TSWEL = TEMPORARY SOLID WHITE EDGE LINE
TSWLL = TEMPORARY SOLID WHITE LANE LINE
TSYCL = TEMPORARY SOLID YELLOW CENTER LINE
- TEMPORARY RUMBLE STRIP NOTES**
- 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.
 - 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.

No.	Revision	By	Date

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MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD, IV

MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE IV
TRAFFIC CONTROL PLAN

SHEET NUMBER: 8
CONTRACT: 2019.03
8 OF 80

TEMPORARY LANE & ROADWAY CLOSURES

CONSTRUCTION SIGN SUMMARY					
Sign	Text Dimensions (Inches)		Size	Quantity and Color	
	Letter Height	Vertical Spacing			
CS-3		7" 7"	4" 4"	48"x48"	2 - Black on Orange
G20-2		Text Dimensions Shall Conform to "Standard Highway Signs" - 2012		48"x24"	2 - Black on Orange
G20-5aP				36"x24"	2 - Black on Orange
R2-1(50)				48"x60"	2 - Black on White
R2-1(60)				48"x60"	2 - Black on White
R2-6aP				36"x24"	2 - Black on White
R2-12				36"x54"	2 - Black on White
W3-4				48"x48"	2 - Black on Orange
W3-5(50)				48"x48"	2 - Black on Orange
W3-5(60)				48"x48"	2 - 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"	2 - Black on Orange
W4-2(R)				48"x48"	2 - Black on Orange
W20-1 (1 MILE)				48"x48"	2 - Black on Orange
W20-5L				48"x48"	2 - Black on Orange
W20-5R				48"x48"	2 - Black on Orange

TEMPORARY LEFT AND RIGHT RAMP LANE CLOSURES

CONSTRUCTION SIGN SUMMARY					
Sign	Text Dimensions (Inches)		Size	Quantity and Color	
	Letter Height	Vertical Spacing			
CS-1		Text Dimensions Shall Conform to "Standard Highway Signs" - 2012		48"x48"	1 - Black on Orange
R1-1				36"x36"	1 - White on Red
R1-2				48"x48"x48"	1 - White on Red
R2-1(35)				48"x60"	2 - Black on White
W3-1				48"x48"	2 - Red/Black on Orange
W3-2				48"x48"	2 - Red/Black on Orange
W3-5				48"x48"	1 - Black on Orange
W4-1				48"x48"	1 - Black on Orange
W4-5p				36"x24"	3 - Black on Orange
W13-4P				36"x24"	2 - Black on Orange
W20-5L				48"x48"	3 - Black on Orange
W20-5R				48"x48"	3 - Black on Orange

Date: 2/13/2019

Filename: ... \010_55086.04_WorkZone_01.dwg

Scale:			
No.	Revision	By	Date

Designed by:					
CONSULTANT PROJECT MANAGER: MDS					
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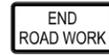
THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD, IV

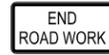
**MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE IV
CONSTRUCTION SIGN SUMMARY
(1 OF 2)**

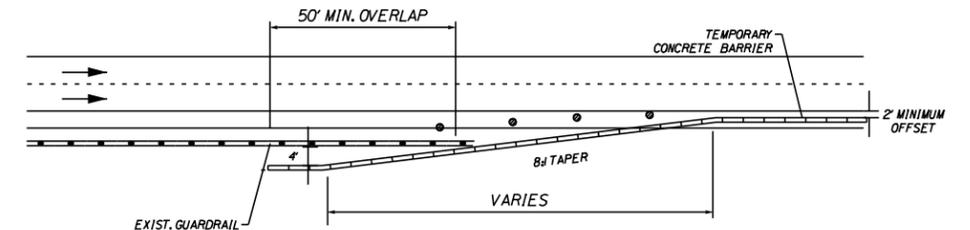
SHEET NUMBER: 9
CONTRACT: 2019.03
9 OF 80

LOCAL ROAD / RAMP SINGLE LANE 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		36"x18"	2 - Black on Orange
W20-1 (AHEAD) 			36"x36"	2 - Black on Orange
W20-4 			36"x36"	2 - Black on Orange
W20-7 			36"x36"	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 (1000) 			48"x48"	4 - Black on Orange



CONCRETE BARRIER / GUARDRAIL OVERLAP DETAIL

- 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	01-2019	Checked MDS	01-2019
Drawn JAR	01-2019	In Charge of MDS	01-2019

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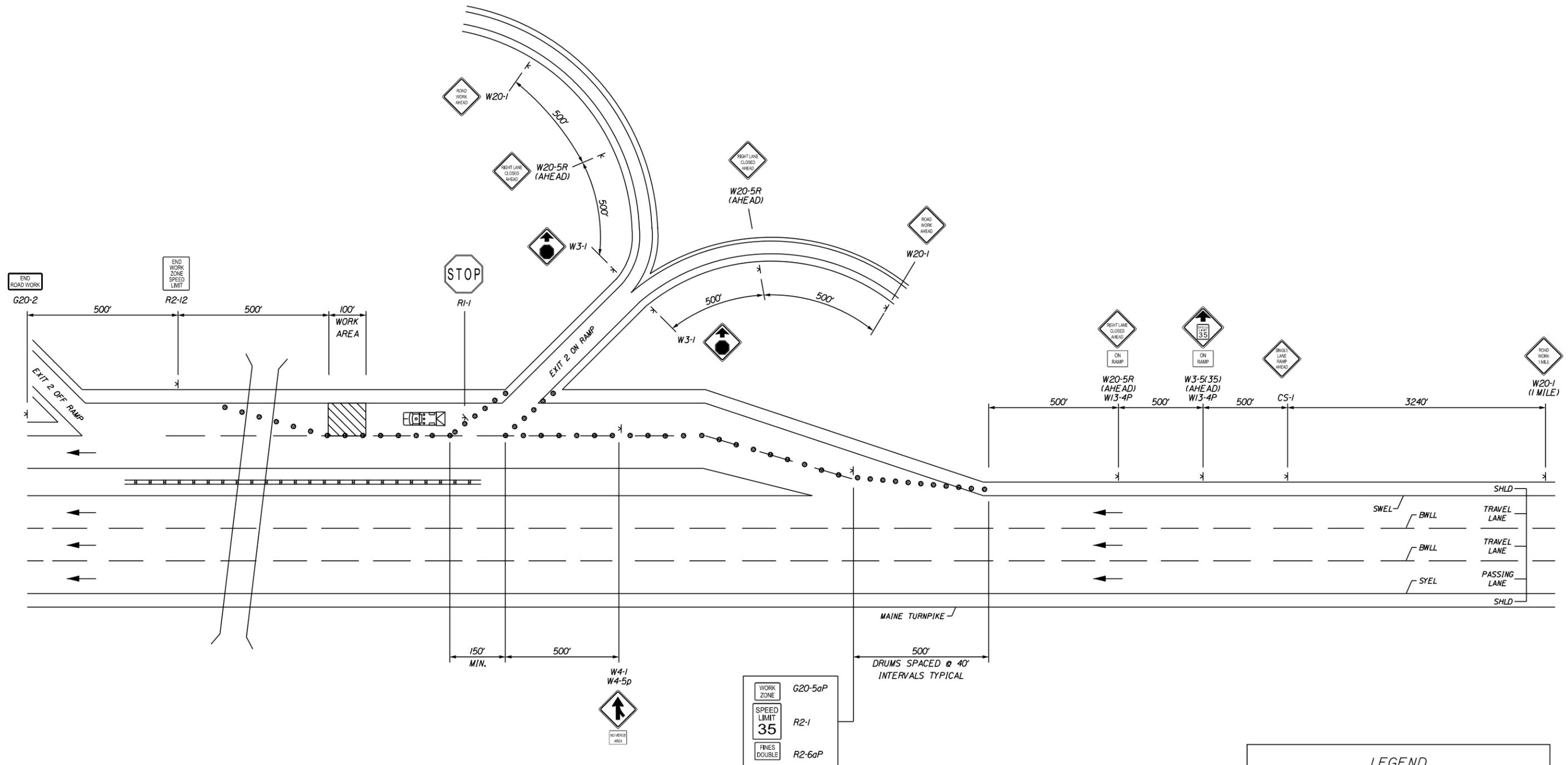
MTA PROJECT MANAGER: R. NORWOOD, IV

MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE IV
 CONSTRUCTION SIGN SUMMARY
 (2 OF 2)

SHEET NUMBER: 10
 CONTRACT: 2019.03
 10 OF 80

Date: 2/13/2019

Filename: ...010b_55086.04_WorkZone_03.dgn



**EXIT 2 RAMP RIGHT LANE CLOSURE
TURNPIKE SOUTHBOUND**

Lane closure shall only occur at night. See Special Provision 652 for further details.

GENERAL NOTES:

1. For sign details, see construction sign summary.
2. Placement of drums shall not impede adjacent travel lanes.

LEGEND	
†	Construction Sign on Post Support
⋈	Construction Sign on Easel
•••••	Drums/Channelizing Devices
	Work Area
	Truck Mounted Attenuator

Scale: NOT TO SCALE			
No.	Revision	By	Date

Designed by:					
CONSULTANT PROJECT MANAGER: MDS					
Designed	By	Date	Checked	By	Date
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

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

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

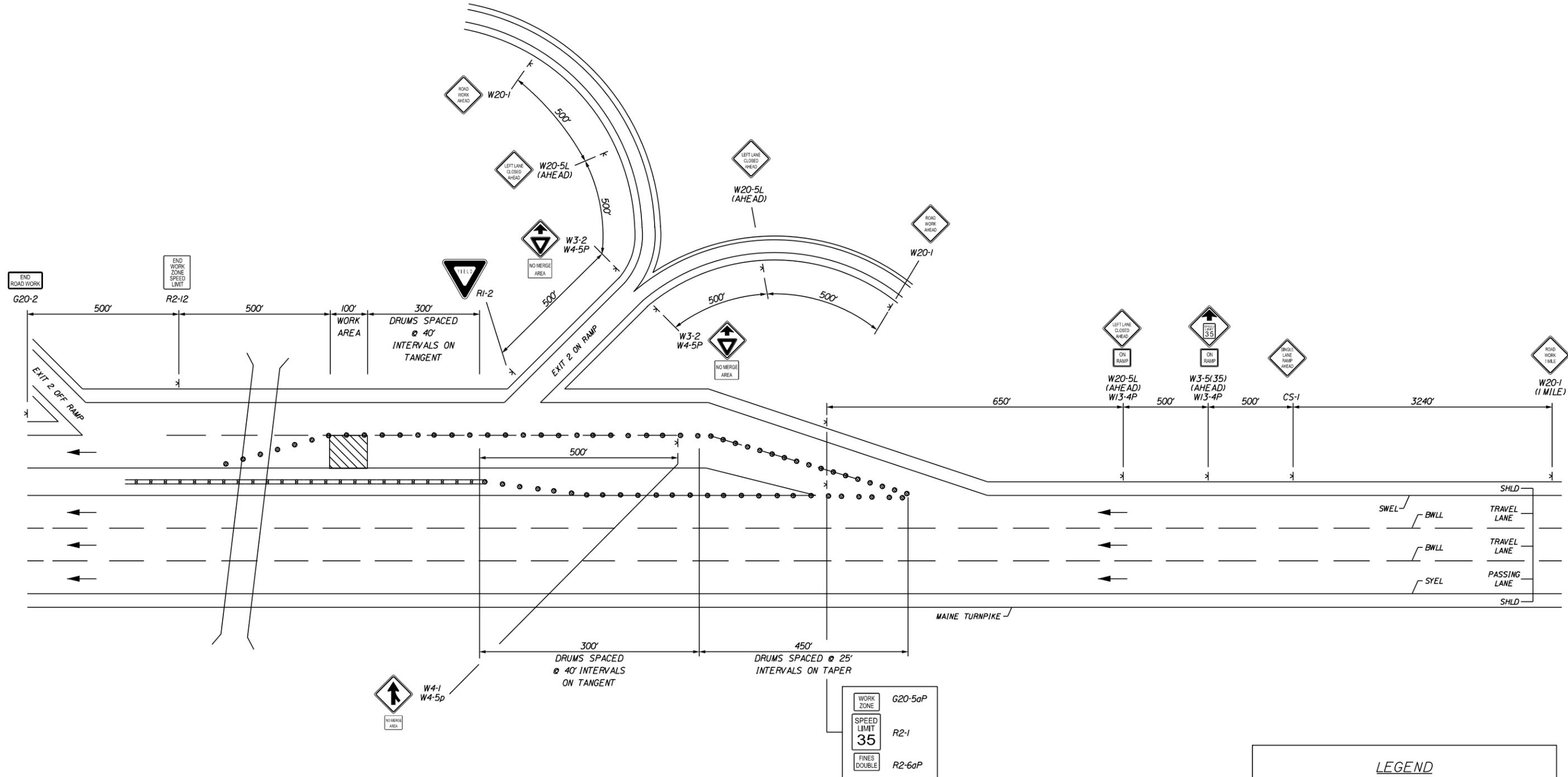
EXIT 2
RIGHT LANE RAMP CLOSURE

SHEET NUMBER: 11

CONTRACT: 2019.03 11 OF 80

Date: 2/8/2019

Filename: ...010c_55086.04_WorkZone_04.dgn



**EXIT 2 RAMP LEFT LANE CLOSURE
TURNPIKE SOUTHBOUND**

Lane closure shall only occur at night. See Special Provision 652 for further details.

GENERAL NOTES:

1. For sign details, see construction sign summary.
2. Placement of drums shall not impede adjacent travel lanes.

LEGEND

- † Construction Sign on Post Support
- ‡ Construction Sign on Easel
- Drums/Channelizing Devices
- ▨ Work Area

Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

	By	Date	By	Date	
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

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

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

**EXIT 2
LEFT LANE RAMP CLOSURE**

SHEET NUMBER: 12
CONTRACT: 2019.03
12 OF 80

Date: 2/8/2019

Filename: ...01_55086.04_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 0.48_N (6368)	168"	144"		13.3/10 EM 10.15 E 13.3/10 EM 13.3/10 EM 10.15 E	12" 10" 9" 9" 10" 10" 12.1"		1	Green Brown	White	12"	168.00 (168.00)	2 - W12x26 Posts
GM 1-95 MM 0.73_N (6362)	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
GM 1-95 MM 1.06_N (6358) GM 1-95 MM 1.18_S (6356)	78"	60"		12 E 18 E	10" 9" 11"	18" x 28.4"	2	Green	White	6"	32.50 (65.00)	Mount to Existing Post
OHSS 1-95 MM 1.31_SL (6355)	180"	156"		15.12 E 16/12 EM 16/12 EM	15.7" 12" 12" 12" 15.7"	36" x 36" 32" x 22"	1	Green	White	12"	195.00 (195.00)	Mount to Existing Cantilever Sign Structure
OHSS 1-95 MM 1.31_SR (6354)	246"	168"		12 E 12 E 16/12 EM 16/12 EM 12 E	14" 12" 12" 12" 12" 14"	45" x 36" 36" x 36" 36" x 36"	1	Green	White	12"	287.00 (287.00)	Mount to Existing Cantilever Sign Structure

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	01-2019	Checked MDS	01-2019
Drawn JAR	01-2019	In Charge of MDS	01-2019

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THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD, IV

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

SIGN SUMMARY SHEET 1

SHEET NUMBER: 13

CONTRACT: 2019.03

13 OF 80

Date: 2/8/2019

Filename: ...012_55086_04_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 1.35_N (6353)	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
GM 1-95 MM 2.47_S (6349)	246"	168"		12 E 12 E 16/12 EM 16/12 EM 15,10 E	15" 12" 12" 12" 12" 15"	45" x 36" 36" x 36" 36" x 36"	1	Green	White	12"	287.00 (287.00)	Mount to Existing Posts
SUPP 1-95 MM 2.47_S SUPP 1-95 MM 3.34_S	246"	36"		12 E	12" 12"		2	Yellow	Black	3"	61.50 (123.00)	Mount Below GM 1-95 MM 2.47_S GM 1-95 MM 3.34_S
GM 1-95 MM 2.67_S (6346)	168"	84"		13.3/10 EM 13.3/10 EM 10,15 E	11.2" 10" 10" 11.2"		1	Brown	White	12"	98.00 (98.00)	Mount to Existing Supports with 2 - W10x22 New Upper Breakaway Posts
GM 1-95 MM 3.34_S (6339)	246"	168"		12 E 12 E 16/12 EM 16/12 EM 15,10 E	15" 12" 12" 12" 12" 15"	45" x 36" 36" x 36" 36" x 36"	1	Green	White	12"	287.00 (287.00)	Mount to Existing Posts

Scale:

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

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Designed MLG	01-2019	Checked MDS	01-2019
Drawn JAR	01-2019	In Charge of MDS	01-2019

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MTA PROJECT MANAGER: R. NORWOOD, IV

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

SIGN SUMMARY SHEET 2

SHEET NUMBER: 14
CONTRACT: 2019.03
14 OF 80

Date: 2/8/2019

Filename: ...013_55086_04_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 4.48_N (6335)	204"	90"		13.3/10 EM 13.3/10 EM 10.15 E	14.5" 10" 10" 13.9"		1	Brown	White	12"	127.50 (127.50)	Mount to Existing Supports with 2 - W8x18 New Upper Breakaway Posts
GM 1-95 MM 4.65_N (6334)	156"	144"		12 E 16/12 EM 16/12 EM 15.10 E	15" 12" 12" 15"	36" x 36" 36" x 36"	1	Green	White	12"	156.00 (156.00)	Mount to Existing Posts
GM 1-95 MM 5.52_S (6336)	150"	90"		13.3/10 EM 13.3/10 EM 10.15 E	14.2" 10" 10" 14.2"		1	Green	White	12"	93.75 (93.75)	Mount to Existing Support with 2 - W12x26 New Upper Breakaway Posts
GM 1-95 MM 5.70_N (6331)	90"	66"		8 E 8.12 E	7.8" 6" 7.5" 8.7"	19.7" x 16"	1	Green	White	9"	41.25 (41.25)	2 - 6x6 Breakaway Wood Posts
GM 1-95 MM 5.87_N (6330)	156"	144"		12 E 16/12 EM 16/12 EM 15.10 E	14" 12" 12" 14" 14"	36" x 36" 36" x 36"	1	Green	White	12"	156.00 (156.00)	2 - W12x26 Breakaway Posts
SUPP 1-95 MM 5.87_N	156"	24"		8.12 E	6" 6"		1	Green	White	3"	26.00 (26.00)	Mount Below GM 1-95 MM 5.87_N

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	01-2019	Checked MDS 01-2019
Drawn	JAR	01-2019	In Charge of MDS 01-2019

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MTA PROJECT MANAGER: R. NORWOOD, IV

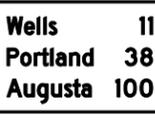
**MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE IV**

SIGN SUMMARY SHEET 3

SHEET NUMBER: 15
CONTRACT: 2019.03

Date: 2/18/2019

Filename: ...014_55086.04_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			
SUPP 1-95 MM 5.87_N2 SUPP 1-95 MM 6.51_N	156"	60"		12 E 12 E	12" 12"		2	Yellow	Black	9"	65.00 (130.00)	Mount Below GM 1-95 MM 5.87_N Mount Below GM 1-95 MM 6.51_N
GM 1-95 MM 6.09_N (6329) GM 1-95 MM 7.44_S (6322)	132"	108"		8,12 E	8" 9" 13" 10"	30" x 13.6" 24.1" x 30" 30" x 30" 30" x 19.1" 24.2" x 30"	2	Blue	White	12"	99.00 (198.00)	2 - W8x18 Breakaway Posts 2 - 6x6 Breakaway Wood Posts
GM 1-95 MM 6.51_N (6328)	156"	156"		12 E 16/12 EM 16/12 EM	13.6" 12" 12" 13.6"	36" x 36" 36" x 36" 20" x 31.5"	1	Green	White	12"	169.00 (169.00)	Mount to Existing Posts
GM 1-95 MM 6.68_N (6327) GM 1-95 MM 7.05_S (6325)	78"	60"		12 E 18 E	10" 9" 11"	18" x 28.4"	2	Green	White	6"	32.50 (65.00)	Mount to Existing Post
GM 1-95 MM 7.14_S (6324)	156"	156"		12 E 16/12 EM 16/12 EM	13.6" 12" 12" 13.6"	36" x 36" 36" x 36" 20" x 31.5"	1	Green	White	12"	169.00 (169.00)	Mount to Existing Posts
GM 1-95 MM 7.61_S (6321)	156"	144"		12 E 16/12 EM 16/12 EM 15.10 E	14" 12" 12" 14" 14"	36" x 36" 36" x 36"	1	Green	White	12"	156.00 (156.00)	2 - W12x26 Breakaway Posts
GM 1-95 MM 7.92_N (6323)	144"	84"		13.3/10 D 13.3/10 D 13.3/10 D	12.05" 10" 10" 12.05"		1	Green	White	12"	84.00 (84.00)	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	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

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MEMORIAL HIGHWAY**

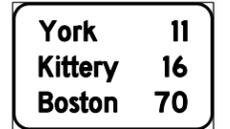
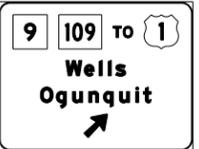
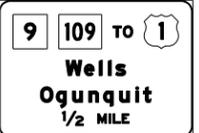
MTA PROJECT MANAGER: R. NORWOOD, IV

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

SIGN SUMMARY SHEET 4

SHEET NUMBER: 16
CONTRACT: 2019.03
16 OF 80

Date: 2/8/2019

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 11.25_N (6315)	168"	84"		13.3/10 EM 13.3/10 EM 10,15 E	11.2" 10" 10" 11.2"		1	Brown	White	12"	98.00 (98.00)	Mount to Existing Posts
GM 1-95 MM 17.46_N (6310)	156"	66"		13.3/10 EM 10,15 E	13.8" 10.7" 13.2"		1	Brown	White	9"	71.50 (71.50)	Mount to Existing Posts
GM 1-95 MM 17.63_N (6309) GM 1-95 MM 21.01_S (6293)	252"	138"		13.3/10 EM 13.3/10 EM 10,15 E	15.2" 10" 10" 10" 15.2"		2	Green	White	12"	241.50 (483.00)	Mount to Existing Posts
GM 1-95 MM 18.31_S (6306)	132"	84"		13.3/10 D 13.3/10 D 13.3/10 D	12.05" 10" 10" 12.05"		1	Green	White	12"	77.00 (77.00)	Mount to Existing Posts with Auxiliary Panel Supports
GM 1-95 MM 19.39_N (6303) GM 1-95 MM 19.43_S (6302)	78"	60"		12 E 18 E	10" 9" 11"	18" x 28.4"	2	Green	White	6"	32.50 (65.00)	Mount to Existing Post
GM 1-95 MM 19.58_S (6301)	204"	156"		12 E 16/12 EM 16/12 EM	13.6" 12" 12" 12" 13.6"	36" x 36" 45" x 36" 36" x 36" 20" x 31.5"	1	Green	White	12"	221.00 (221.00)	Mount to Existing Posts
GM 1-95 MM 20.06_S (6298)	204"	144"		12 E 16/12 EM 16/12 EM 15.10 E	15" 12" 12" 12" 15"	36" x 36" 45" x 36" 36" x 36"	1	Green	White	12"	204.00 (204.00)	Mount to 2 Existing Posts That Will Be Field Cut to Length and 1 - W14x30 Post
SUPP 1-95 MM 20.06_S	204"	24"		8,12 E	8" 8"		1	Green	White	3"	34.00 (34.00)	Mount Below GM 1-95 MM 20.06_S

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

Filename: ... \015_55086.04_SignSummary_05.dgn

Scale:

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

By	Date	By	Date
Designed MLG	01-2019	Checked MDS	01-2019
Drawn JAR	01-2019	In Charge of MDS	01-2019

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THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD, IV

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

SIGN SUMMARY SHEET 5

SHEET NUMBER: 17
CONTRACT: 2019.03
17 OF 80

Date: 2/8/2019

Filename: ...016_55086_04_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 20.26_N (6297)	168"	84"		13.3/10 D 13.3/10 D 13.3/10 D	12.05" 10" 10" 12.05"		1	Green	White	12"	98.00 (98.00)	Mount to Existing Posts with Auxiliary Panel Supports
GM 1-95 MM 20.44_S (6295)	120"	84"		13.3/10 EM 13.3/10 EM 10.15 E	11.2" 10" 10" 11.2"		1	Green	White	12"	70.00 (70.00)	2 - W8x18 Breakaway Posts
GM 1-95 MM 20.61_S (6294)	204"	144"		12 E 16/12 EM 16/12 EM 15.10 E	15" 12" 12" 12" 15"	36" x 36" 45" x 36" 36" x 36"	1	Green	White	12"	204.00 (204.00)	2 - W14x30 Breakaway Posts on Existing Foundations
GM 1-95 MM 21.21_S (6292)	198"	84"		13.3/10 EM 13.3/10 EM 10.15 E	11.2" 10" 10" 11.2"		1	Brown	White	12"	115.50 (115.50)	Mount to Existing Posts
GM 1-95 MM 21.54_S (6291)	204"	144"		12 E 16/12 EM 16/12 EM 15.10 E	15" 12" 12" 12" 15"	36" x 36" 45" x 36" 36" x 36"	1	Green	White	12"	204.00 (204.00)	Mount to 2 Existing Posts That Will Be Field Cut to Length

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	01-2019	Checked MDS 01-2019
Drawn	JAR	01-2019	In Charge of MDS 01-2019

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THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD, IV

MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE IV

SIGN SUMMARY SHEET 6

SHEET NUMBER: 18
CONTRACT: 2019.03

18 OF 80

Date: 2/8/2019

Filename: ...017_55086_04_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			
OL-1	156"	54"	Kittery Navy Yard	16/12 EM 16/12 EM	5" 12" 5"		2	Green	White		58.50 (117.00)	Mount to Existing Sign on Overhead Sign Structure OHSS 1-95 MM NH-NR OHSS 1-95 MM 0.03_N
OL-2	210"	30"	Kittery	16/12 EM	7" 16" 7"		1	Green	White		43.75 (43.75)	Mount to Existing Sign on GM 1-95 MM 0.40_N
OL-3	72"	24"					2	Green			12.00 (24.00)	Mount to Existing Sign on GM 1-95 MM 0.40_N OHSS 1-95 0.69_NR
OL-4	198"	84"	Kittery South Berwick	16/12 EM 16/12 EM 16/12 EM	6" 12" 12" 6"		2	Green	White		115.50 (231.00)	Mount to Existing Sign on OHSS 1-95 MM 0.69_NL OHSS 1-95 MM 1.01_NM
OL-5	174"	54"	Kittery	16/12 EM	17" 21"		1	Green	White		65.25 (65.25)	Mount to Existing Sign on OHSS 1-95 MM 0.69_NM
OL-6	198"	24"	Kittery	16/12 EM	2" 6"		1	Green	White		33.00 (33.00)	Mount to Existing Sign on OHSS 1-95 MM 0.69_NR
OL-7	48"	48"			6" 6"	36"x36"	1	Green	White		16.00 (16.00)	Mount to Existing Sign on OHSS 1-95 MM 1.01_NL
OL-8	210"	36"	Kittery	16/12 EM	8" 12"		1	Green	White		52.50 (52.50)	Mount to Existing Sign on OHSS 1-95 MM 1.01_NR

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	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

Vanasse Hangen Brustlin, Inc.
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**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD, IV

MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE IV

SIGN SUMMARY SHEET 7

CONTRACT: 2019.03

SHEET NUMBER: 19

19 OF 80

Date: 2/8/2019

Filename: ... \018_55086_04_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(2)	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 1.31_SR GM 1-95 MM 2.47_S GM 1-95 MM 3.34_S
EI-5P(7)	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 4.65_N GM 1-95 MM 5.87_N GM 1-95 MM 6.51_N GM 1-95 MM 7.14_S GM 1-95 MM 7.61_S
EI-5P(19)	114"	30"		10.15 E	7.5" 7.5"		4	Green	White	3"	23.75 (95.00)	Mount to top right of GM 1-95 MM 19.58_S GM 1-95 MM 20.06_S GM 1-95 MM 20.61_S GM 1-95 MM 21.54_S
W13-3	36"	48"		6E 12E 4E	6" 4" 5.125" 4" 6"		1	Yellow	Black	2.25"	12.00 (12.00)	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	By	Date
Designed MLG	01-2019	Checked MDS	01-2019
Drawn JAR	01-2019	In Charge of MDS	01-2019

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**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD, IV

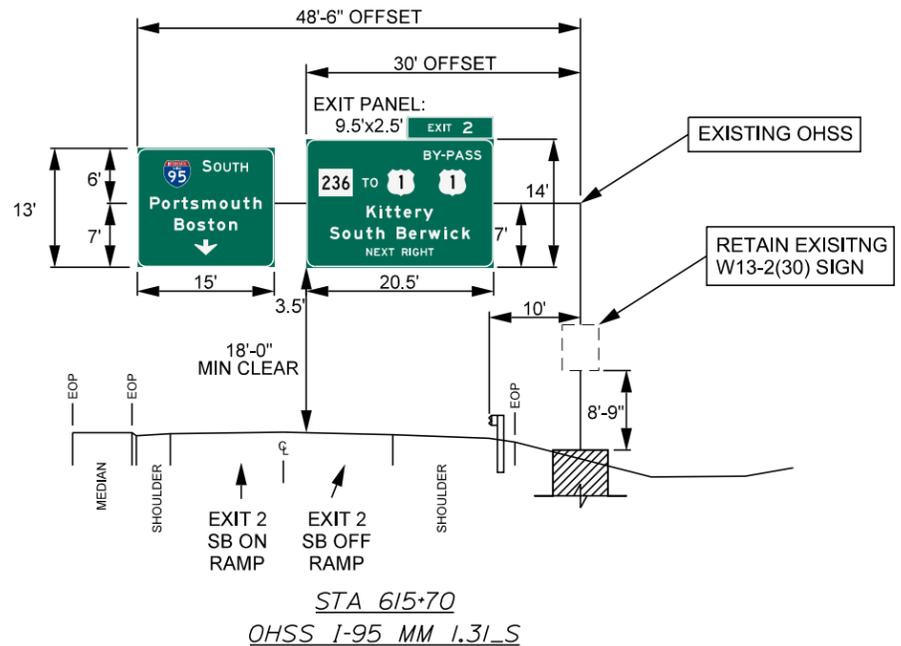
**MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE IV**

SIGN SUMMARY SHEET 8

SHEET NUMBER: 20
CONTRACT: 2019.03
20 OF 80

Date: 2/8/2019

Filename: ... \022_55086_04_OverheadSignStructure_02.dwg



Scale:

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

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**THE GOLD STAR
 MEMORIAL HIGHWAY**

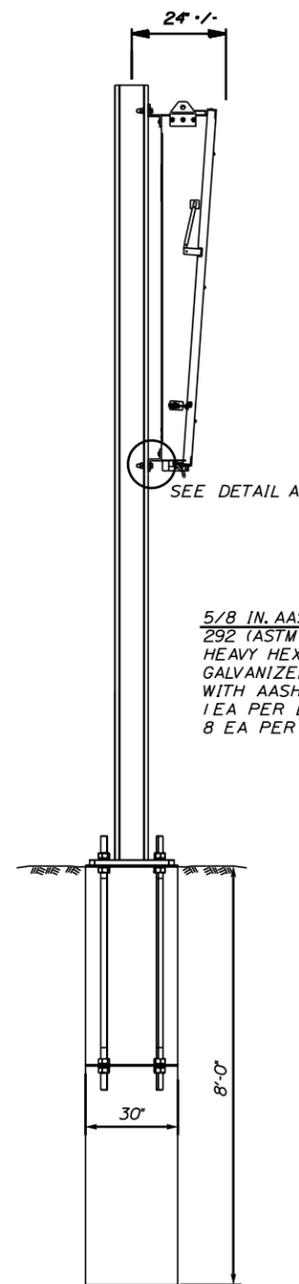
MTA PROJECT MANAGER: R. NORWOOD, IV

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

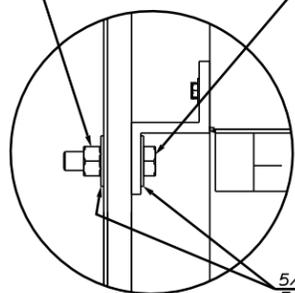
OVERHEAD SIGN STRUCTURE

SHEET NUMBER: 21
 CONTRACT: 2019.03
 21 OF 80

Date: 2/26/2019



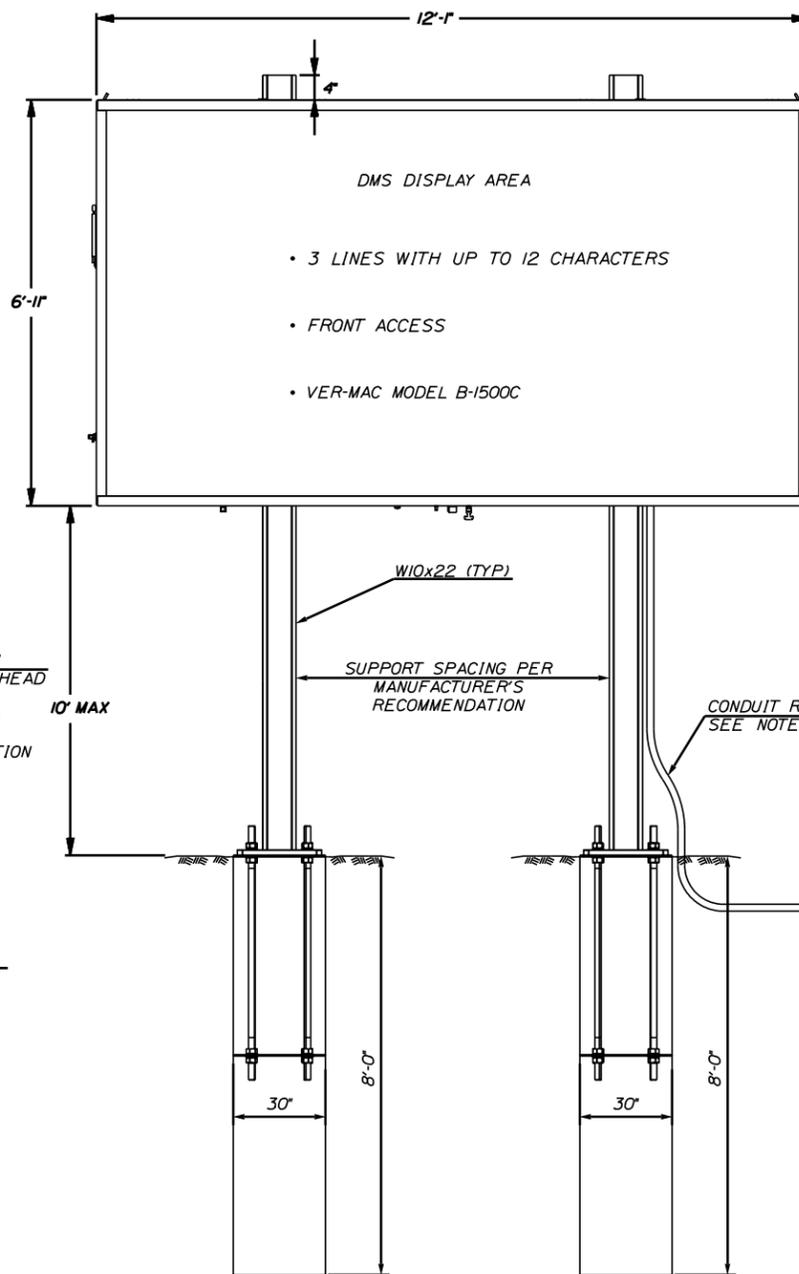
5/8 IN. AASHTO M291 OR M 292 (ASTM A563 OR A194) HEAVY HEX HEAD NUT, GALVANIZED IN ACCORDANCE WITH AASHTO M232. 1 EA PER BOLT. 8 EA PER DMS.



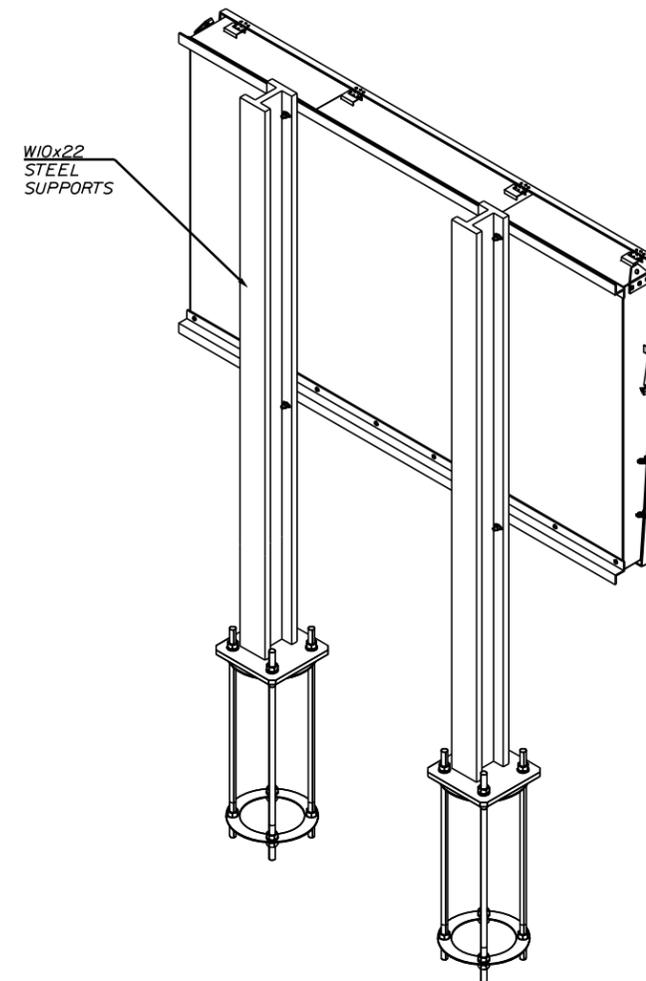
DETAIL A
NOT TO SCALE

5/8 IN. ASTM A325 TYPE 1 (AASHTO M164) HEAVY HEX HEAD BOLT, GALVANIZED IN ACCORDANCE WITH AASHTO M232. 2 EA PER Z-BAR CONNECTION PER H-BEAM SUPPORT. 8 EA PER DMS.

5/8 IN. AASHTO M293 (ASTM F436) HARDENED WASHER, GALVANIZED IN ACCORDANCE WITH AASHTO M232. 2 EA PER BOLT. 16 EA PER DMS.



GROUND MOUNTED DYNAMIC MESSAGE SIGN (DMS)
NOT TO SCALE



DYNAMIC MESSAGE SIGN (DMS) NOTES

- GROUND MOUNTED DYNAMIC MESSAGE SIGNS (DMS) SHALL BE INSTALLED ON TWO W10X22 STEEL H-BEAM SUPPORTS. THE H-BEAM SUPPORTS SHALL BE FOUNDED ON 30-INCH DIAMETER, 8-FOOT DEEP CAST-IN-PLACE CONCRETE FOUNDATIONS. H-BEAM SIGN SUPPORTS AND CONCRETE FOUNDATIONS SHALL BE IN ACCORDANCE WITH MAINE DEPARTMENT OF TRANSPORTATION (MAINEDOT) STANDARD DETAILS, 2002 EDITION, STANDARDS 645106) AND 626103), RESPECTIVELY.
- THE DMS SHALL BE INSTALLED A MINIMUM OF FIVE (5) FEET ABOVE THE GRADE AT THE NEAREST EDGE OF PAVEMENT BUT NOT MORE THAN TEN (10) FEET ABOVE THE GRADE AT THE LOCATION OF THE DMS STRUCTURE. POSTS SHALL BE A MINIMUM OF TEN (10) FEET LONG AND SHALL BE INSTALLED FOUR (4) INCHES TALLER THAN THE DMS MOUNTING.
- Z-BAR ANGLES SHALL BE FURNISHED AND INSTALLED TO MOUNT THE DMS TO THE H-BEAM SIGN SUPPORTS. HOLES FOR THE THROUGH BOLTS MAY BE PRE-DRILLED BY THE H-BEAM FABRICATOR OR MAY BE FIELD DRILLED ON SITE. FIELD DRILLED HOLES SHALL BE SPRAY GALVANIZED AFTER DRILLING.
- DMS CABLES SHALL BE INSTALLED IN FLEXIBLE POLYETHYLENE (PE), SCHEDULE 80 PVC, OR RIGID GALVANIZED STEEL CONDUIT FROM THE CONTROLLER CABINET TO THE DMS. CONDUITS SHALL ENTER THE DMS AT THE LOCATION INDICATED BY THE MANUFACTURER.
- CONDUIT FOR THE DMS CABLES SHALL BE THREE (3) INCH MINIMUM. CONDUITS SHALL BE FIRMLY ATTACHED TO THE SIGN SUPPORTS AT FIVE FOOT INTERVALS, MINIMUM, WITH NO SEGMENT OF UNSUPPORTED CONDUIT, INCLUDING FLEXIBLE CONDUIT, GREATER THAN FIVE FEET.

Filename: ...022a_55086.04_Details_01.dgn

Scale: NOT TO SCALE

Designed by:



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THE GOLD STAR
MEMORIAL HIGHWAY

MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE IV

ITS DETAILS (1 OF 2)

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS

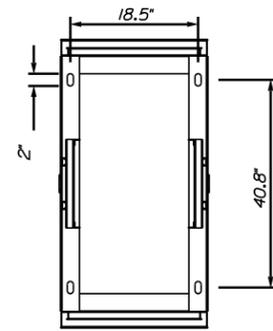
	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

MTA PROJECT MANAGER: R. NORWOOD, IV

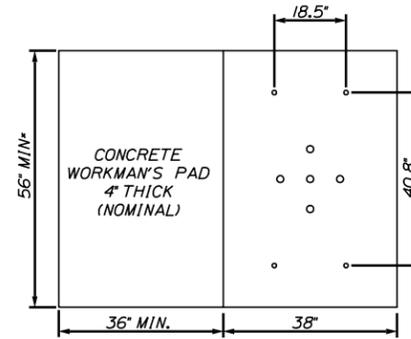
CONTRACT: 2019.03

SHEET NUMBER: 22

22 OF 80



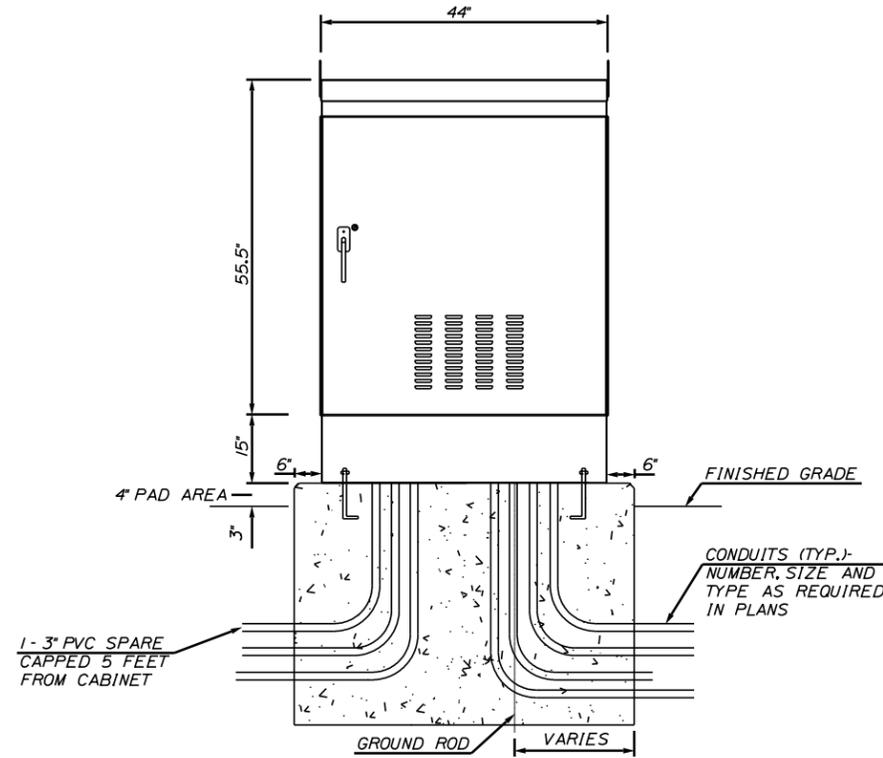
BOTTOM VIEW
(NO COMPONENTS)



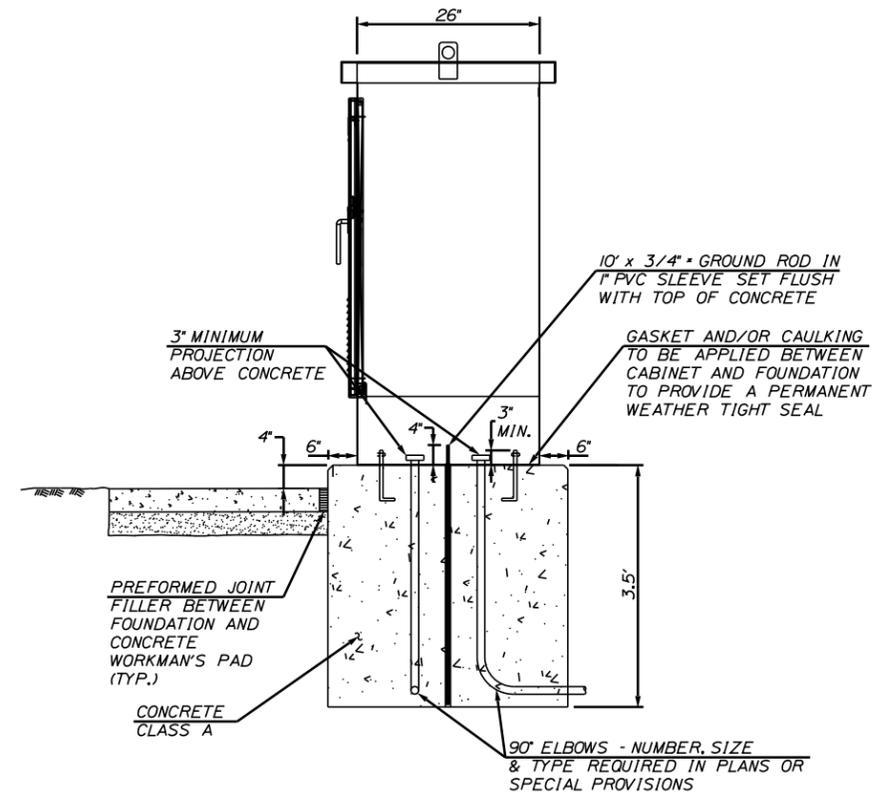
FOUNDATION PLAN

* FOUNDATION SHALL BE 6" WIDER AND LONGER THAN CABINET BASE TO BE INSTALLED

BOLT SIZE AND SPACING PER MANUFACTURER'S TEMPLATE



FRONT VIEW



SECTION

GROUND MOUNTED DMS CONTROLLER CABINET DETAIL
NOT TO SCALE

NOTES:

1. ALL EXPOSED EDGES SHALL BE CHAMFERED 3/4".
2. WORKMAN'S PAD (AND CABINET DOOR) SHOULD BE ORIENTED AS SHOWN ON THE PLANS AND DIRECTED BY THE RESIDENT.
3. CONTRACTOR SHALL INSTALL A SPARE 3" PVC CONDUIT CAPPED 5 FEET FROM CABINET AT ALL GROUND MOUNTED LOCATIONS.

Date: 2/26/2019

Filename: ... \022b_55086.04_Details_02.dgn

Scale: NOT TO SCALE

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THE GOLD STAR
MEMORIAL HIGHWAY

MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE IV

ITS DETAILS (2 OF 2)

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS

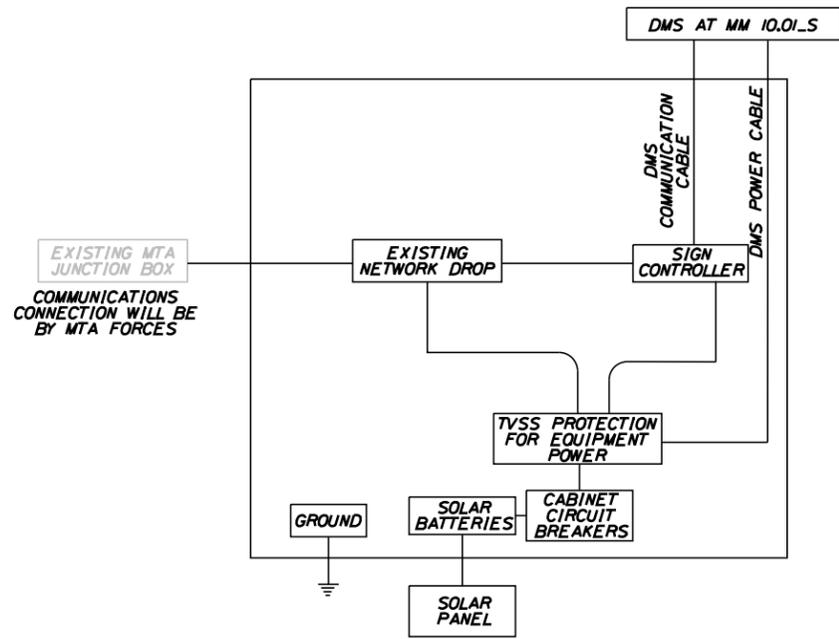
	By	Date	By	Date	
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

MTA PROJECT MANAGER: R. NORWOOD, IV

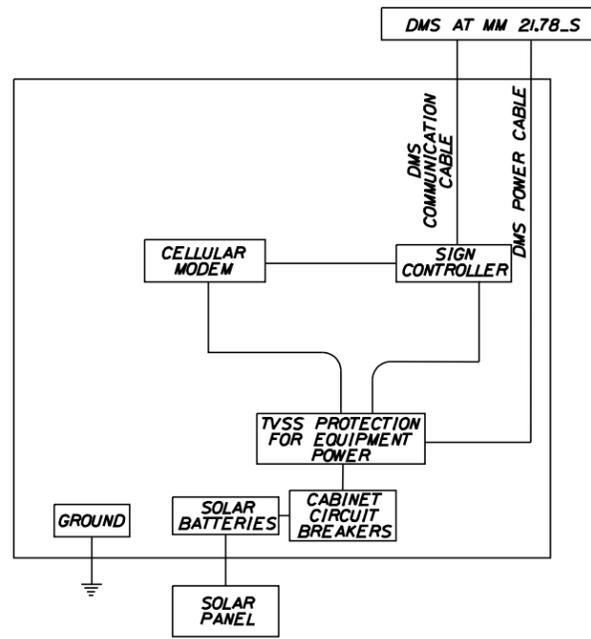
CONTRACT: 2019.03

SHEET NUMBER: 23

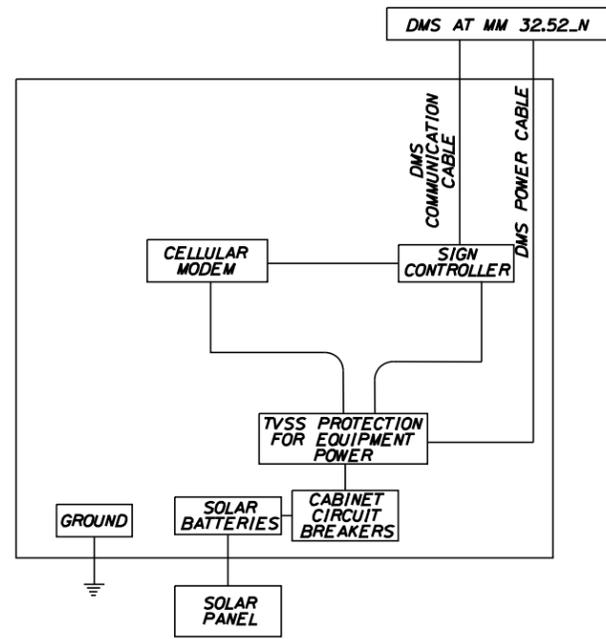
23 OF 80



DMS AT MM 10.01_S CABINET
NOT TO SCALE



DMS AT 21.78_S CABINET
NOT TO SCALE



DMS AT MM 32.52_N CABINET
NOT TO SCALE

Scale: NOT TO SCALE

Designed by:



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THE GOLD STAR
MEMORIAL HIGHWAY

MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE IV
ITS COMMUNICATIONS AND
CABINET DIAGRAMS

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

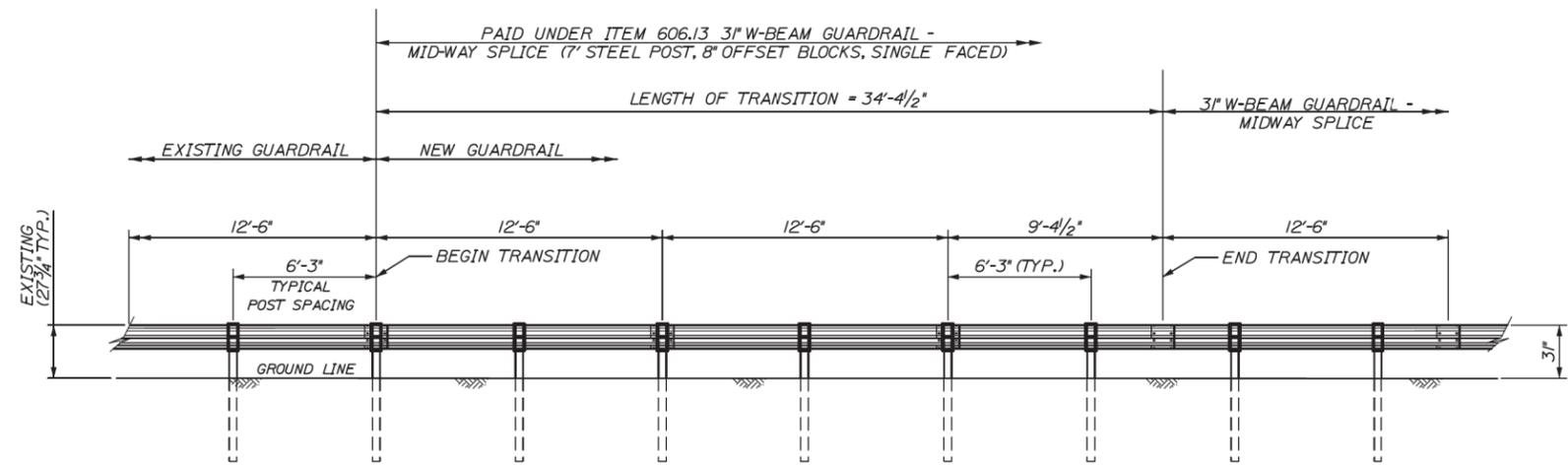
MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2019.03

SHEET NUMBER: 24

24 OF 80

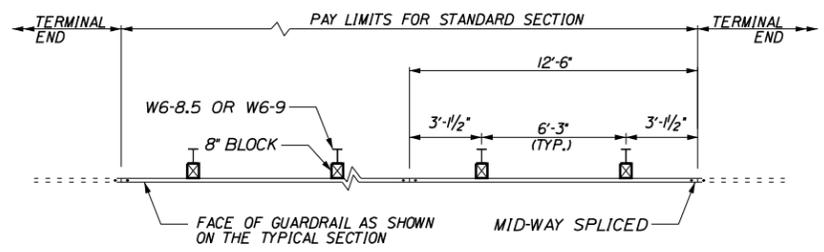
Date: 2/25/2019



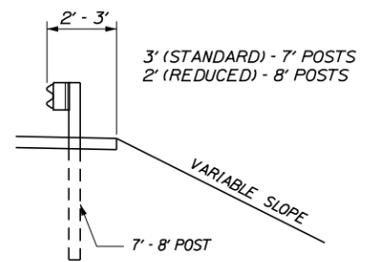
TRANSITION FROM EXISTING GUARDRAIL TO 3" MID-WAY SPLICED GUARDRAIL
NOT TO SCALE

NOTES:

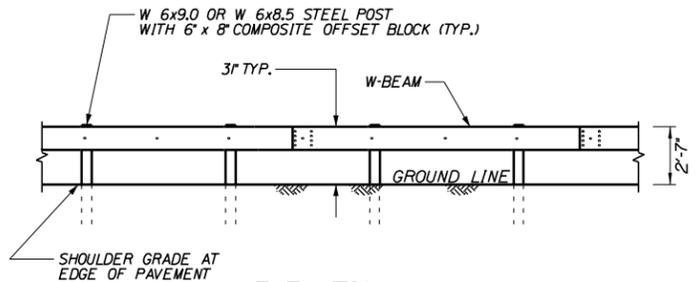
1. MAINTAIN STANDARD 1" CLEARANCE OF POST ABOVE PANEL THROUGHOUT THE ENTIRE LENGTH OF TRANSITION.
2. A MINIMUM OF ONE (1) 12'-6" PANEL SHALL BE PLACED BETWEEN THIS TRANSITION AND THE START OF ANY END TREATMENT OR ANCHORAGE.
3. ALL NEW POSTS SHALL BE 8' IN LENGTH UNLESS OTHERWISE SPECIFIED BY THE ENGINEER.



PLAN - SINGLE FACED



CROSS-SECTION



ELEVATION

3" W-BEAM GUARDRAIL - MID-WAY SPLICE (8" OFFSET BLOCKS)
(ITEMS 606.13, 606.131, 606.132)
NOT TO SCALE

Filename: ...022d_55086.04_Details_04.dgn

Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

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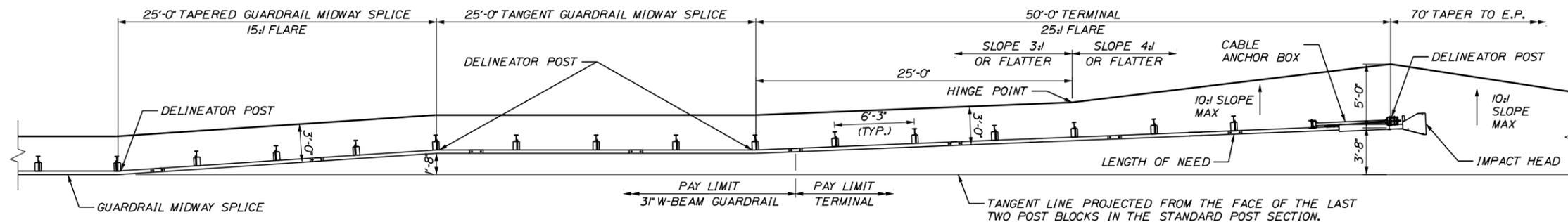
**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD, IV

**MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE IV
GUARDRAIL DETAILS
(1 OF 2)**

SHEET NUMBER: 25
CONTRACT: 2019.03
25 OF 80

Date: 2/18/2019

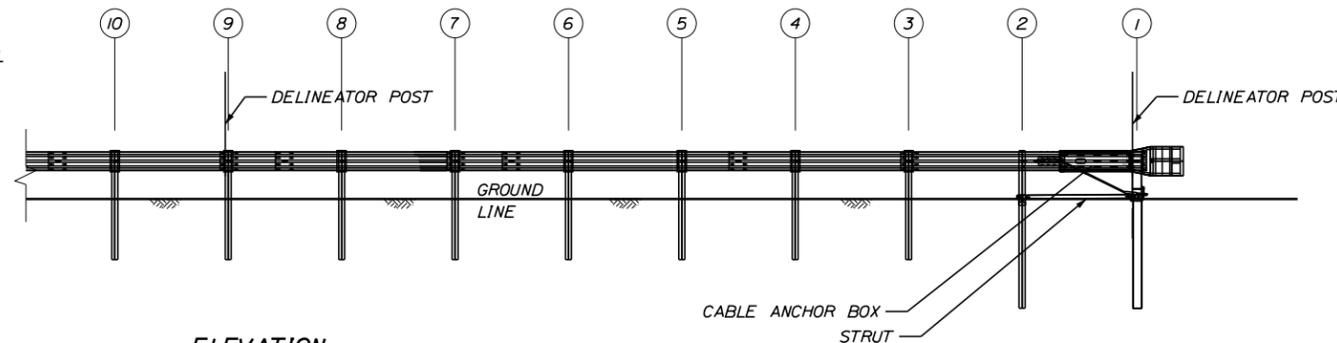


PLAN

- NOTES:
 1. STEEL POSTS ARE REQUIRED WITH THE MSKT.
 2. SEE SPECIFICATIONS FOR REFLECTIVE SHEETING REQUIREMENTS.

GENERAL GUARDRAIL INSTALLATION NOTE:

1. 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.
2. THE CONTRACTOR IS REQUIRED TO HAVE AN APPROVED CRASH END TREATMENT ON ALL GUARDRAIL ENDS PRIOR TO THE REMOVAL OF ANY MOT FEATURES.
3. GUARDRAIL HEIGHT SHALL BE 3'. GUARDRAIL HEIGHT SHALL BE MEASURED FROM AT GROUND ELEVATION ADJACENT TO EACH POST.
4. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CUT BOLTS, DISCARD PARTS, TRASH, PAVEMENT DEBRIS, ETC., AFTER COMPLETING THE GUARDRAIL INSTALLATION.



ELEVATION

GUARDRAIL TANGENT TERMINAL - 3' W-BEAM GUARDRAIL
 NOT TO SCALE

Scale: NOT TO SCALE

Designed by:



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**THE GOLD STAR
 MEMORIAL HIGHWAY**

**MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE IV
 GUARDRAIL DETAILS
 (2 OF 2)**

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2019.03

SHEET NUMBER: 26

26 OF 80

Filename: ... \022e_55086.04_Details_05.dgn

Date: 2/8/2019



EXISTING OHSS I-95 MM NH_N (MTA SGN N/A) SIGN FACE

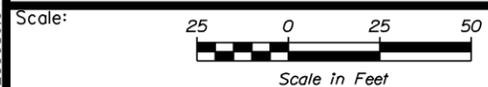


RETAIN EXISTING SIGN

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 MAY BE REQUIRED FOR FUTURE PROJECT.



Designed by:



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THE GOLD STAR
MEMORIAL HIGHWAY

MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE IV

OHSS I-95 MM NH_NR

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS			
	By	Date	
Designed	MLG	01-2019	Checked MDS 01-2019
Drawn	JAR	01-2019	In Charge of MDS 01-2019

MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2019.03

SHEET NUMBER: 27

27 OF 80

Filename: ... \024_55086_04_Sign_001a.dgn

Date: 2/8/2019



EXISTING OHSS I-95 MM 0.03_N (MTA SGN 40002) SIGN FACE



INSTALL NEW SHEET ALUMINUM OVERLAY OL-1 ON EXISTING SIGN

RETAIN EXISTING SIGN AND SIGN SUPPORTS

NOTES:

1. CONTRACTOR TO VERIFY OVERLAY WILL COVER EXISTING TEXT PRIOR TO FABRICATION.
2. NEW SIGN MAY BE REQUIRED FOR FUTURE PROJECT.

Filename: ...025_55086_04_Sign_002.dgn



No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

	By	Date	By	Date	
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

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THE GOLD STAR
 MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD, IV

MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE IV

OHSS I-95 MM 0.03_N

CONTRACT: 2019.03

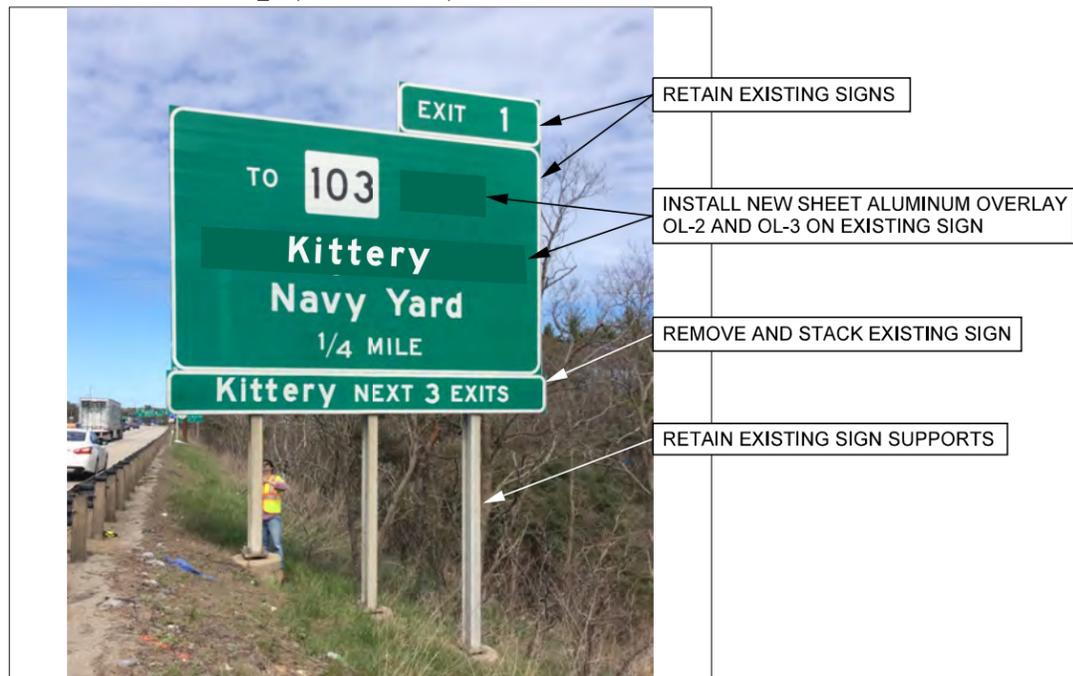
SHEET NUMBER: 28

28 OF 80

Date: 2/8/2019



EXISTING GM I-95 MM 0.40_N (MTA SGN 40005) SIGN FACE



- RETAIN EXISTING SIGNS
- INSTALL NEW SHEET ALUMINUM OVERLAY OL-2 AND OL-3 ON EXISTING SIGN
- REMOVE AND STACK EXISTING SIGN
- RETAIN EXISTING SIGN SUPPORTS

- NOTES:
1. CONTRACTOR TO VERIFY OVERLAY WILL COVER EXISTING TEXT PRIOR TO FABRICATION.
 2. NEW SIGN AND SIGN SUPPORT MAY BE REQUIRED FOR FUTURE PROJECT.



Designed by:



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THE GOLD STAR
 MEMORIAL HIGHWAY

MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE IV

GM I-95 MM 0.40_N

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS			
	By	Date	
Designed	MLG	01-2019	Checked MDS 01-2019
Drawn	JAR	01-2019	In Charge of MDS 01-2019

MTA PROJECT MANAGER: R. NORWOOD, IV

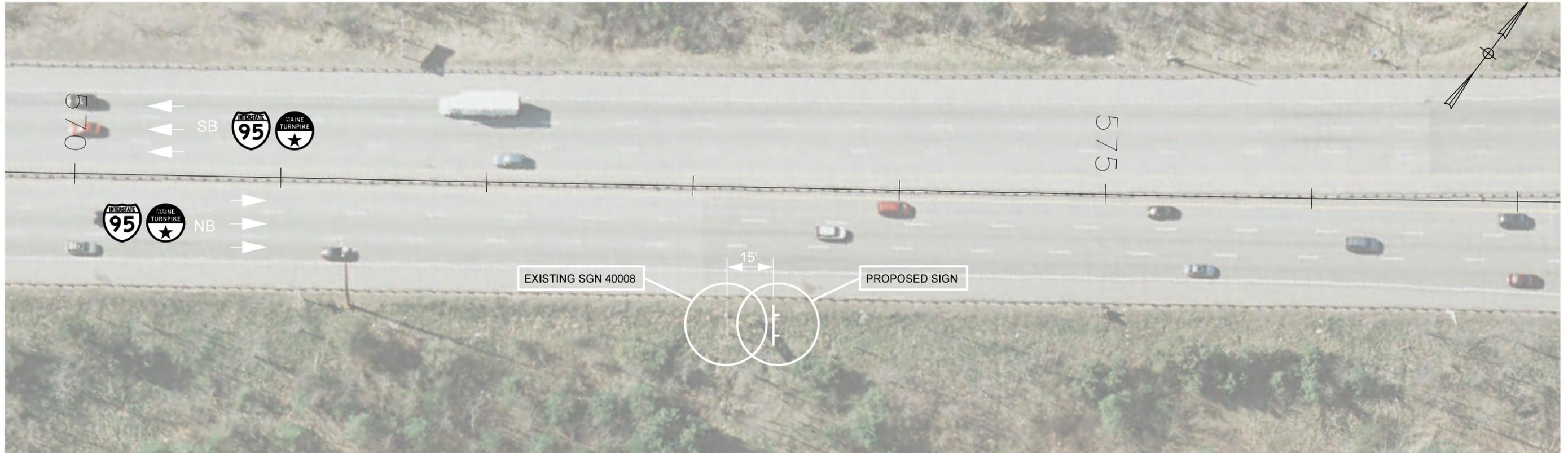
CONTRACT: 2019.03

SHEET NUMBER: 29

29 OF 80

Filename: ... \026_55086_04_Sign_003.dgn

Date: 2/13/2019



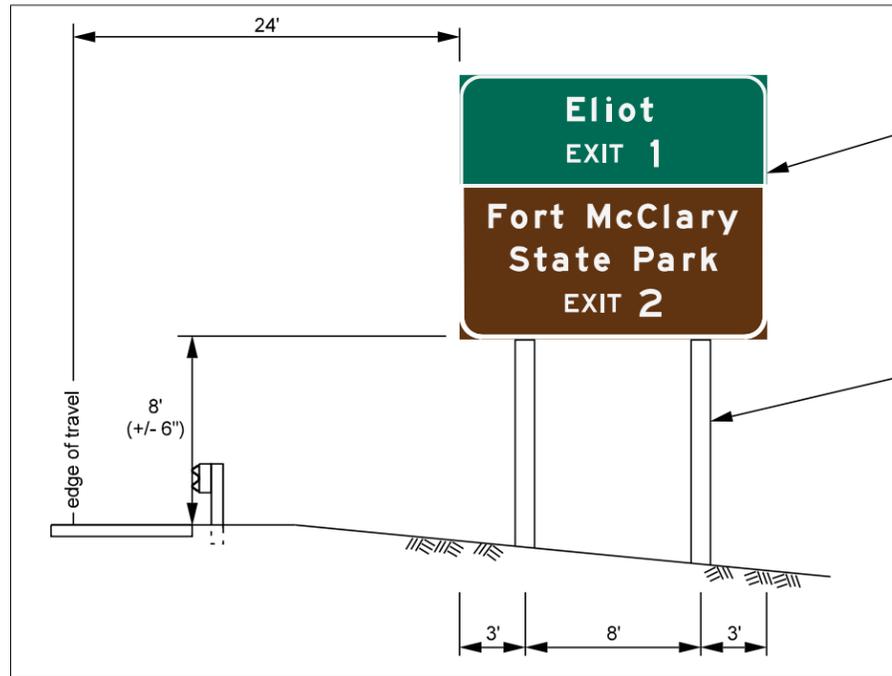
EXISTING GM I-95 MM 0.48_N (MTA SGN 40008) SIGN FACE



REMOVE AND STACK EXISTING SIGN

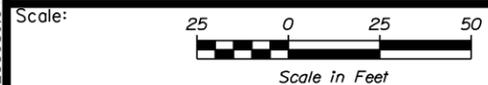
REMOVE EXISTING SUPPORTS AND FOUNDATIONS

PROPOSED GM I-95 MM 0.48_N (MTA SGN6368) SIGN FACE



INSTALL NEW SIGN ON NEW SUPPORTS 15 FEET BEHIND EXISTING SIGN

INSTALL TWO W12X26 H-BEAM POSTS WITH FOUNDATIONS



Designed by:



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THE GOLD STAR
MEMORIAL HIGHWAY

MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE IV

GM I-95 MM 0.48_N

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

MTA PROJECT MANAGER: R. NORWOOD, IV

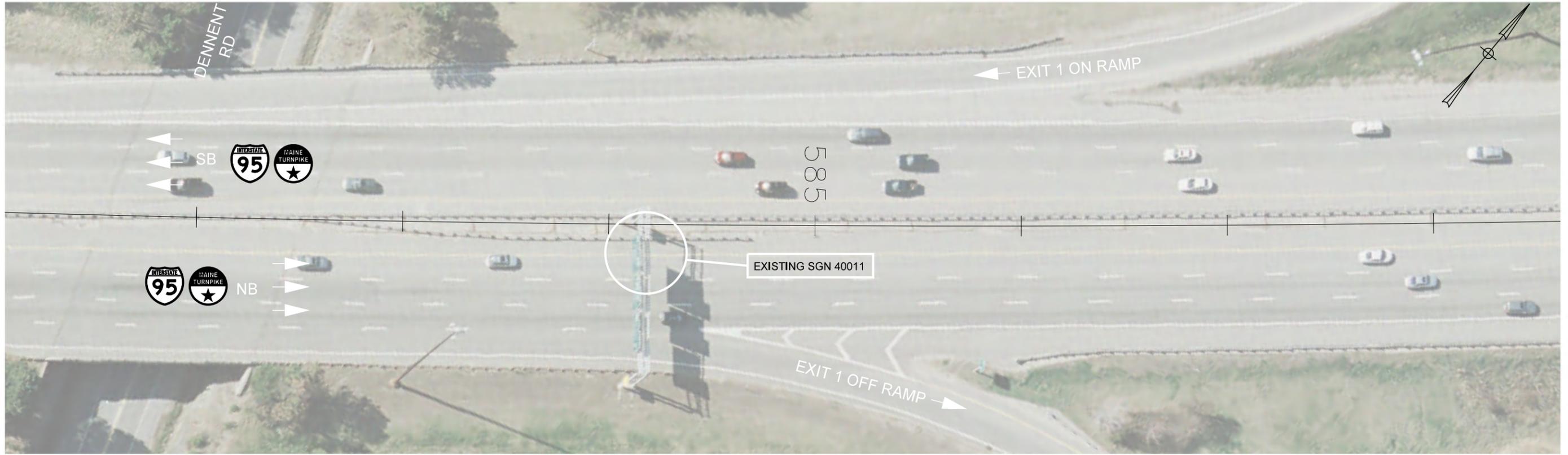
CONTRACT: 2019.03

SHEET NUMBER: 30

30 OF 80

Filename: \\027_55086_04_Sign_004.dgn

Date: 2/8/2019



EXISTING OHSS I-95 MM 0.69_N (MTA SGN 40011) SIGN FACE

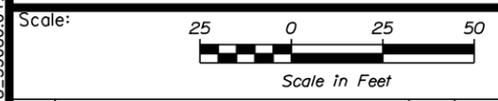


RETAIN EXISTING SIGNS

INSTALL NEW SHEET ALUMINUM OVERLAY OL-4 ON EXISTING SIGN

- NOTES:
1. CONTRACTOR TO VERIFY OVERLAY WILL COVER EXISTING TEXT PRIOR TO FABRICATION.
 2. NEW SIGN AND SIGN SUPPORT MAY BE REQUIRED FOR FUTURE PROJECT.

Filename: \\028_55086_04_Sign_005.dgn



No.	Revision	By	Date

Designed by:

CONSULTANT PROJECT MANAGER: MDS

By	Date	By	Date
Designed MLG	01-2019	Checked MDS	01-2019
Drawn JAR	01-2019	In Charge of MDS	01-2019

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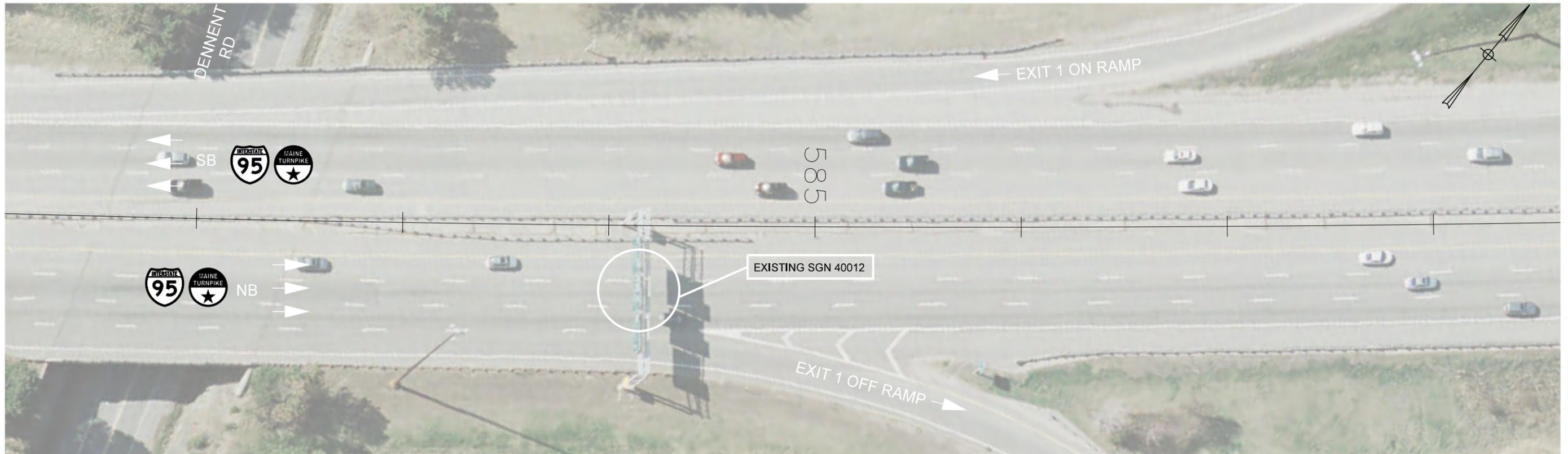
THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD, IV

MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE IV
OHSS I-95 MM 0.69_NL

SHEET NUMBER: 31
CONTRACT: 2019.03
31 OF 80

Date: 2/8/2019



EXISTING OHSS I-95 MM 0.69_N (MTA SGN 40012) SIGN FACE



- NOTES:
1. CONTRACTOR TO VERIFY OVERLAY WILL COVER EXISTING TEXT PRIOR TO FABRICATION.
 2. NEW SIGN AND SIGN SUPPORT MAY BE REQUIRED FOR FUTURE PROJECT.

Filename: ...029_55086_04_Sign_006.dwg



No.	Revision	By	Date

Designed by:

CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

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500 Southborough Dr.
Suite 105B
South Portland, ME 04106
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THE GOLD STAR MEMORIAL HIGHWAY

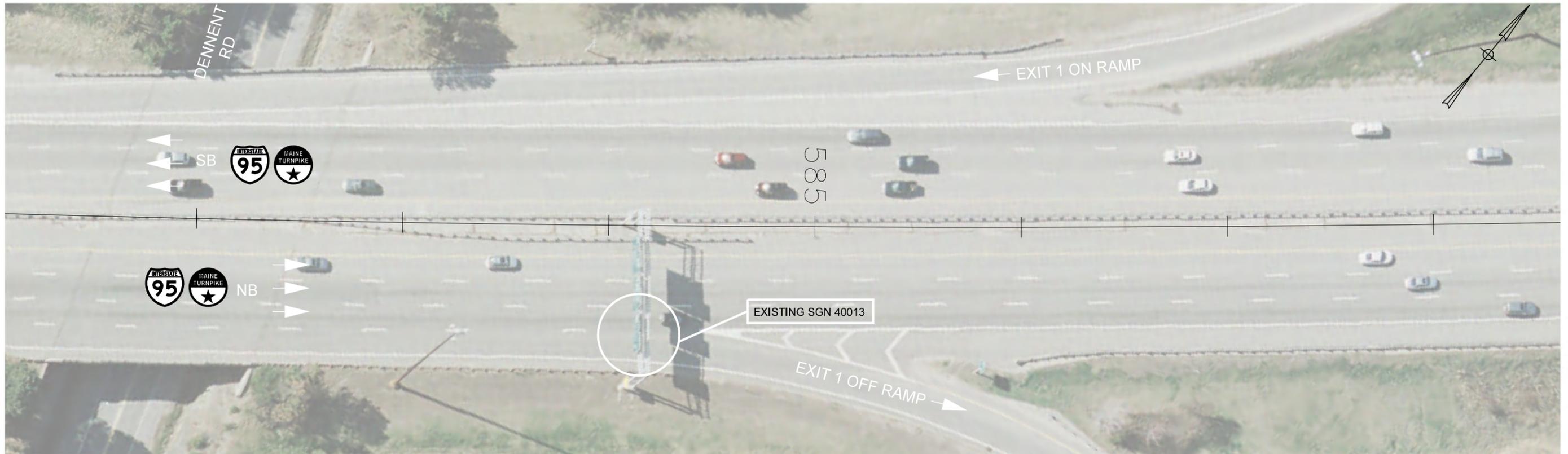
MTA PROJECT MANAGER: R. NORWOOD, IV

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

OHSS I-95 MM 0.69_NM

SHEET NUMBER: 32
CONTRACT: 2019.03
32 OF 80

Date: 2/8/2019



EXISTING OHSS I-95 MM 0.69_N (MTA SGN 40013) SIGN FACE



RETAIN EXISTING SIGNS

INSTALL NEW SHEET ALUMINUM OVERLAY OL-3 AND OL-6 ON EXISTING SIGN

NOTES:

1. CONTRACTOR TO VERIFY OVERLAY WILL COVER EXISTING TEXT PRIOR TO FABRICATION.
2. NEW SIGN AND SIGN SUPPORT MAY BE REQUIRED FOR FUTURE PROJECT.

Filename: ...030_55086_04_Sign_007.dgn



Designed by:



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THE GOLD STAR
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MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE IV

OHSS I-95 MM 0.69_NR

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

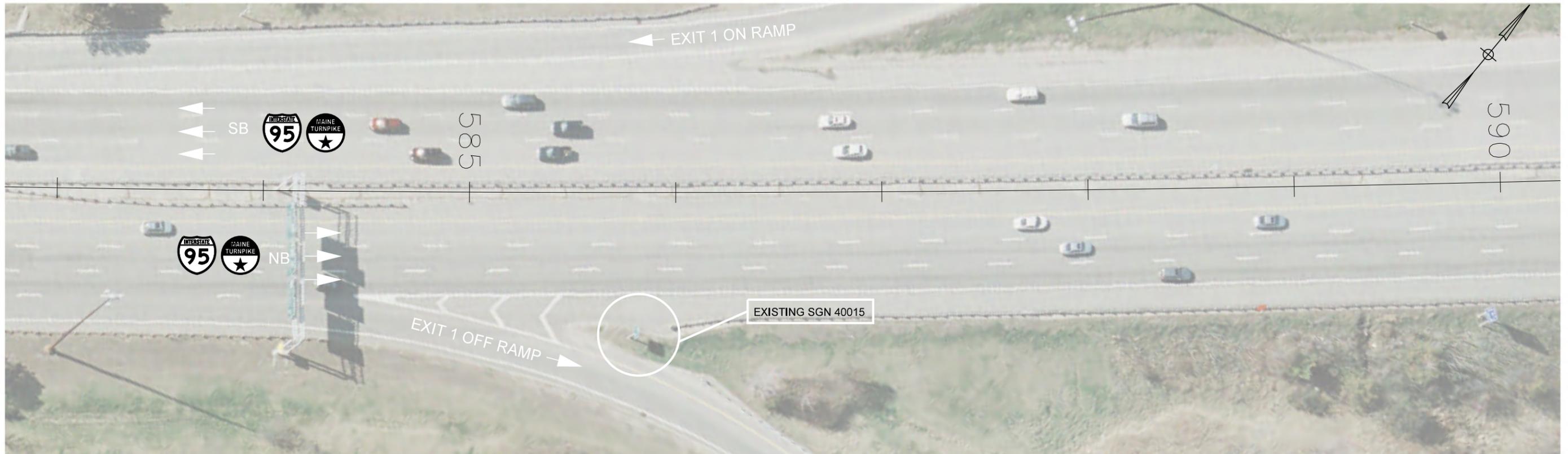
MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2019.03

SHEET NUMBER: 33

33 OF 80

Date: 2/8/2019



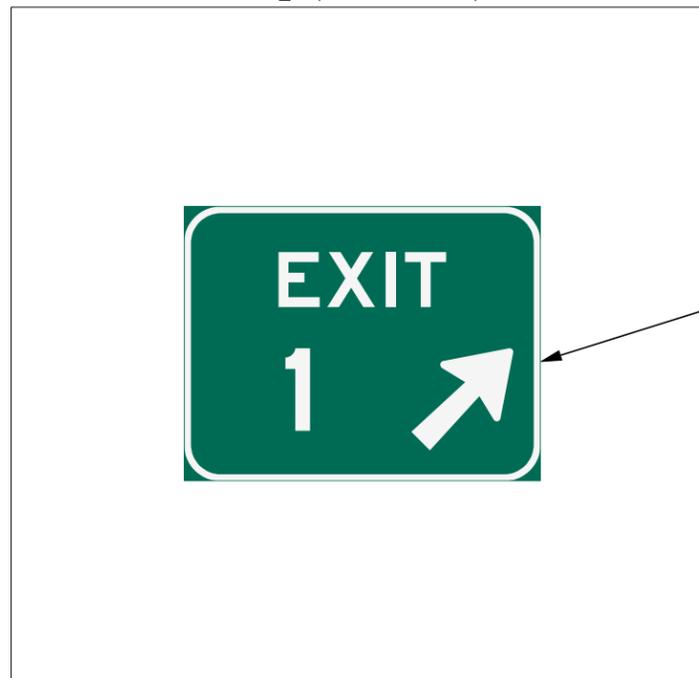
EXISTING GM I-95 MM 0.73_N (MTA SGN 40015) SIGN FACE



REMOVE AND DISPOSE EXISTING SIGN

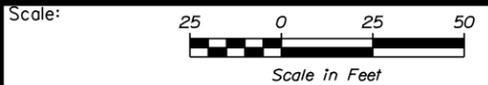
RETAIN EXISTING SIGN SUPPORT

PROPOSED GM I-95 MM 0.73_N (MTA SGN 6362) SIGN FACE



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

Filename: ...031_55086.04_Sign_008.dgn



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THE GOLD STAR
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MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE IV

GM I-95 MM 0.73_N

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS			
	By	Date	
Designed	MLG	01-2019	Checked MDS 01-2019
Drawn	JAR	01-2019	In Charge of MDS 01-2019

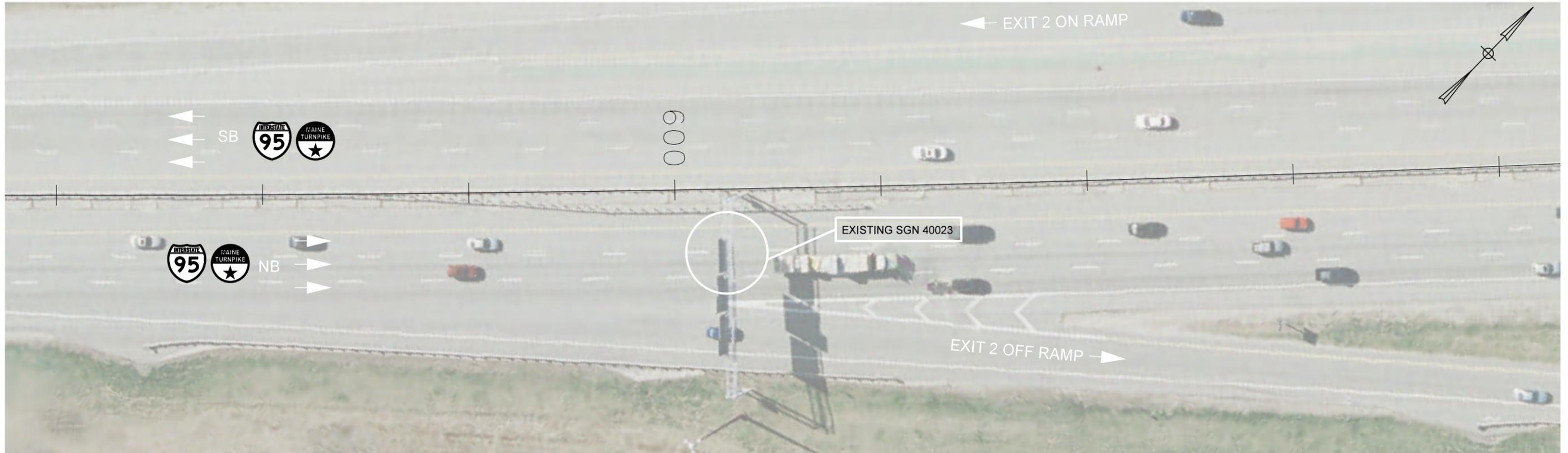
MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2019.03

SHEET NUMBER: 34

34 OF 80

Date: 2/8/2019



EXISTING OHSS I-95 MM 1.01_N (MTA SGN 40023) SIGN FACE



INSTALL NEW SHEET ALUMINUM OVERLAY OL-7 ON EXISTING SIGN

RETAIN EXISTING SIGN

NOTES:

1. CONTRACTOR TO VERIFY OVERLAY WILL COVER EXISTING TEXT PRIOR TO FABRICATION.
2. NEW SIGN AND SIGN SUPPORT MAY BE REQUIRED FOR FUTURE PROJECT.



No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

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

MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE IV

OHSS I-95 MM 1.01_NL

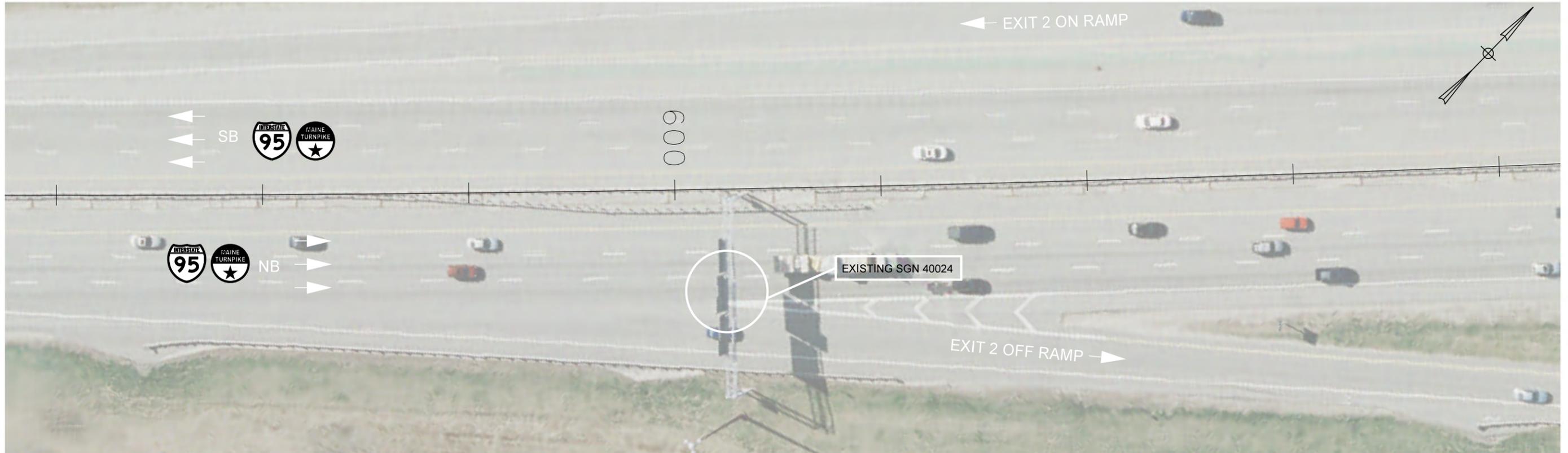
CONTRACT: 2019.03

SHEET NUMBER: 35

35 OF 80

Filename: ...032_55086_04_Sign_009.dgn

Date: 2/8/2019



EXISTING OHSS I-95 MM 1.01_N (MTA SGN 40024) SIGN FACE



RETAIN EXISTING SIGN

INSTALL NEW SHEET ALUMINUM OVERLAY OL-4 ON EXISTING SIGN

NOTES:

1. CONTRACTOR TO VERIFY OVERLAY WILL COVER EXISTING TEXT PRIOR TO FABRICATION.
2. NEW SIGN AND SIGN SUPPORT MAY BE REQUIRED FOR FUTURE PROJECT.

Filename: ...033_55086_04_Sign_010.dwg



No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

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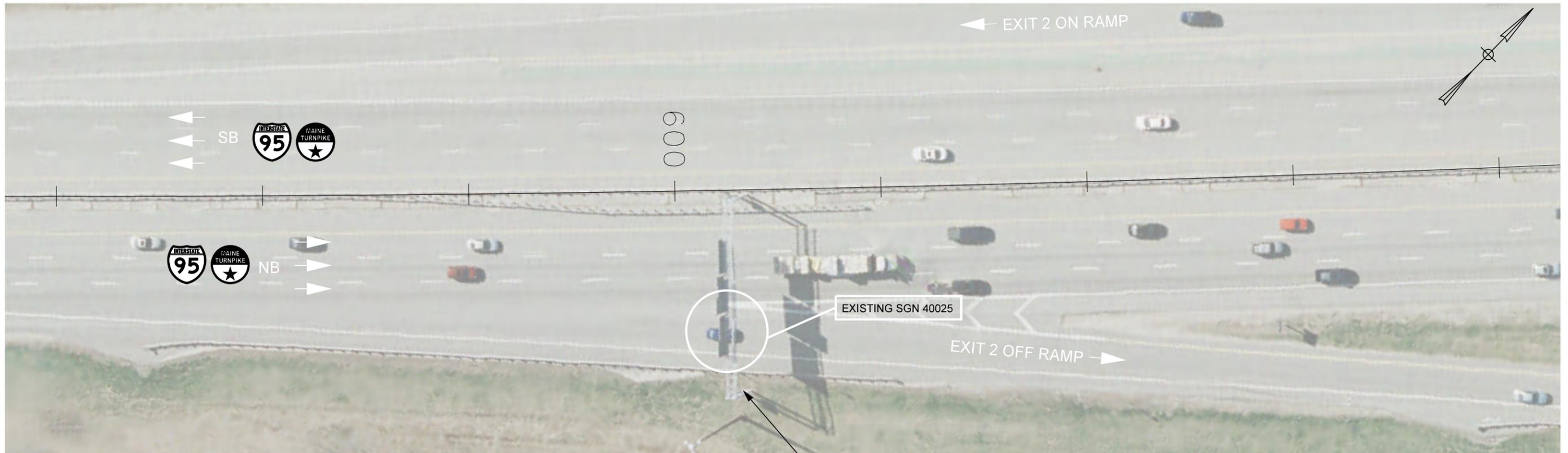
MTA PROJECT MANAGER: R. NORWOOD, IV

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

OHSS I-95 MM 1.01_NM

SHEET NUMBER: 36
CONTRACT: 2019.03
36 OF 80

Date: 2/8/2019



EXISTING OHSS I-95 MM 1.01_N (MTA SGN 40025) SIGN FACE



RETAIN EXISTING SIGN

INSTALL NEW SHEET ALUMINUM OVERLAY OL-8 ON EXISTING SIGN

EXCAVATE AND EXPOSE EXISTING RIGHT SIDE FOUNDATION TO 2 INCHES BELOW GRADE. CLEAN TOP OF FOUNDATION AND ANCHOR BOLTS

NOTES:

1. CONTRACTOR TO VERIFY OVERLAY WILL COVER EXISTING TEXT PRIOR TO FABRICATION.
2. NEW SIGN AND SIGN SUPPORT MAY BE REQUIRED FOR FUTURE PROJECT.



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MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE IV

OHSS I-95 MM 1.01_NR

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS			
	By	Date	
Designed	MLG	01-2019	Checked MDS 01-2019
Drawn	JAR	01-2019	In Charge of MDS 01-2019

MTA PROJECT MANAGER: R. NORWOOD, IV

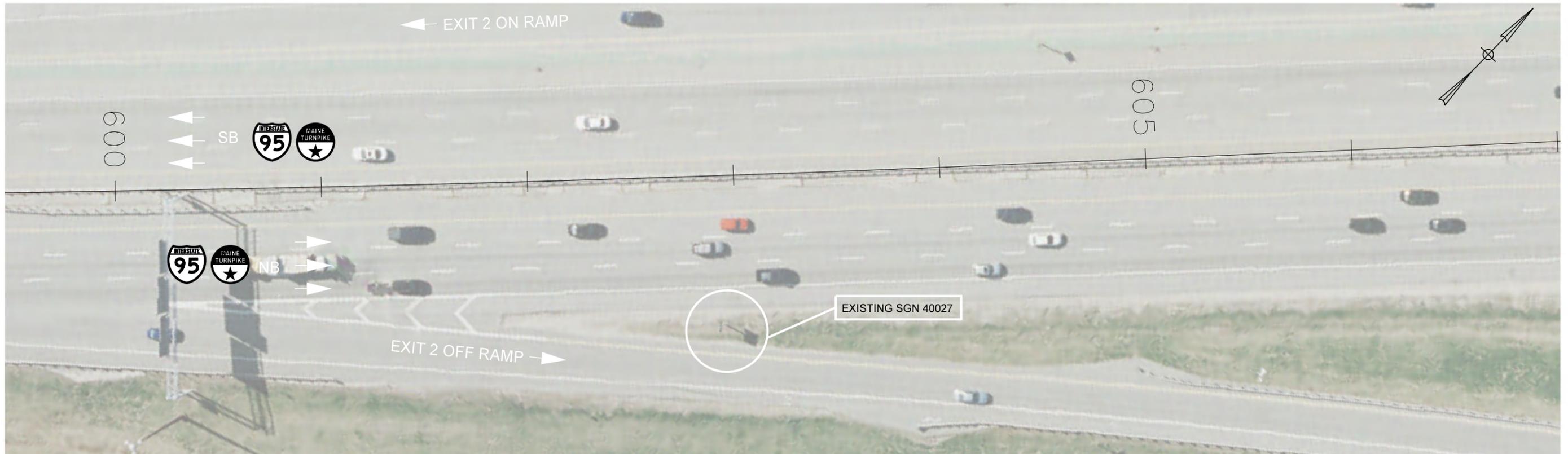
CONTRACT: 2019.03

SHEET NUMBER: 37

37 OF 80

Filename: ... \034_55086.04_Sign_011.dgn

Date: 2/8/2019



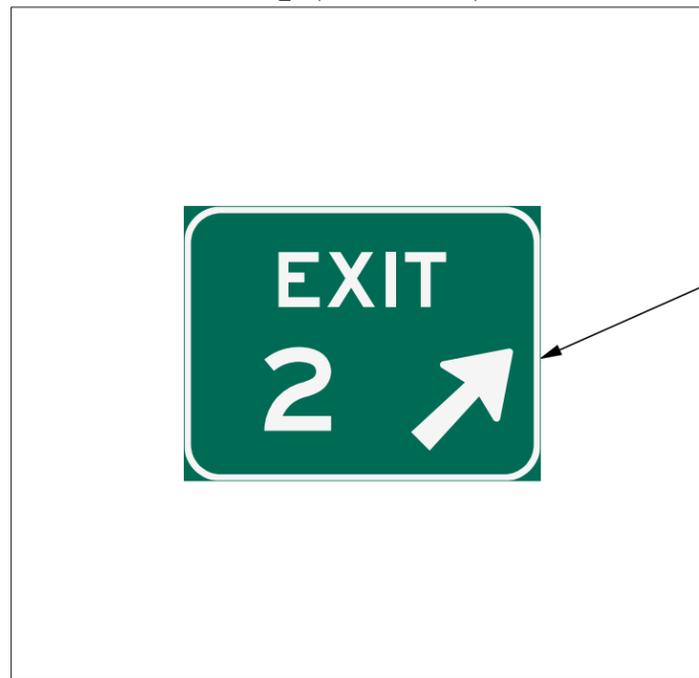
EXISTING GM I-95 MM 1.06_N (MTA SGN 40027) SIGN FACE



REMOVE AND STACK EXISTING SIGN

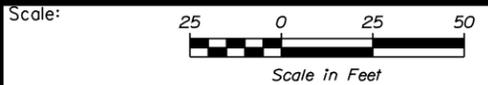
RETAIN EXISTING SIGN SUPPORT

PROPOSED GM I-95 MM 1.06_N (MTA SGN 6358) SIGN FACE



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

Filename: ...035_55086_04_Sign_012.dgn



No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
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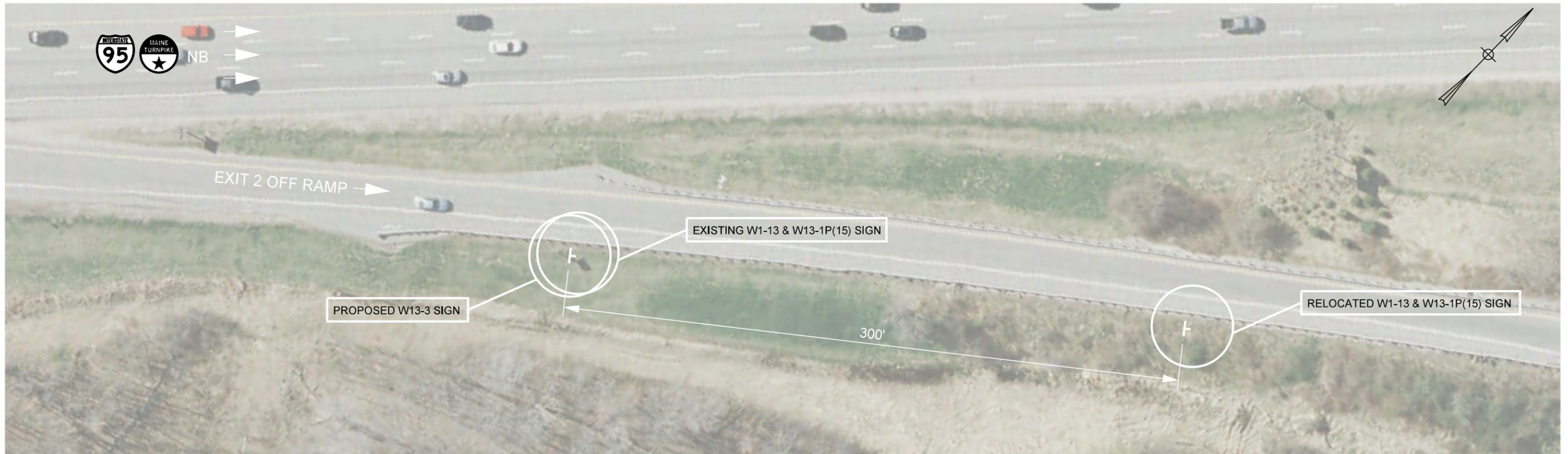
MTA PROJECT MANAGER: R. NORWOOD, IV

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

GM I-95 MM 1.06_N

SHEET NUMBER: 38
 CONTRACT: 2019.03
 38 OF 80

Date: 2/13/2019

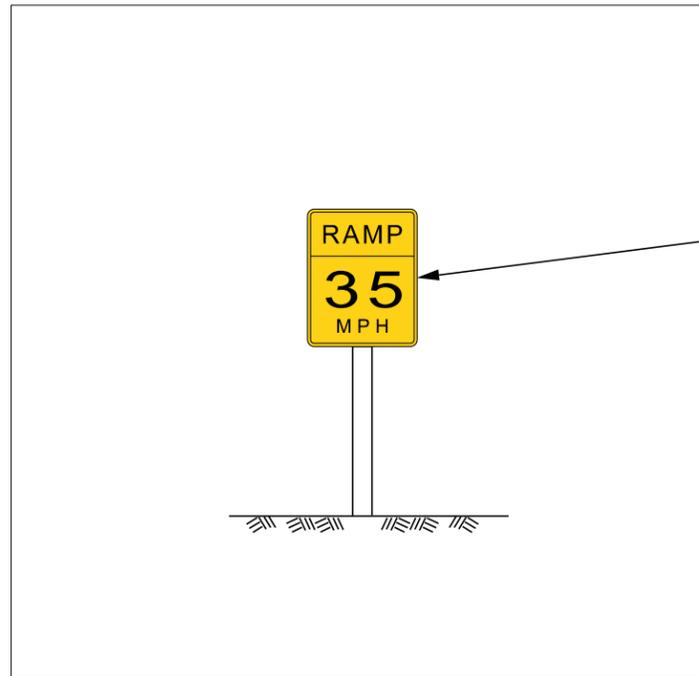


EXISTING W1-13 & W13-1P(15) SIGN FACE



REMOVE AND RESET EXISTING SIGNS 300 FEET DOWN RAMP ON NEW 4X6 WOOD POST

PROPOSED GM I-95 EXIT 2 OFF RAMP SIGN FACE



INSTALL NEW W13-3 WARNING SIGN ON EXISTING SUPPORT (FROM RELOCATED W1-13 SIGN)

Filename: ... \035a_55086.04_Sign_012b.dgn



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MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE IV

GM I-95 EXIT 2 OFF RAMP

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

MTA PROJECT MANAGER: R. NORWOOD, IV

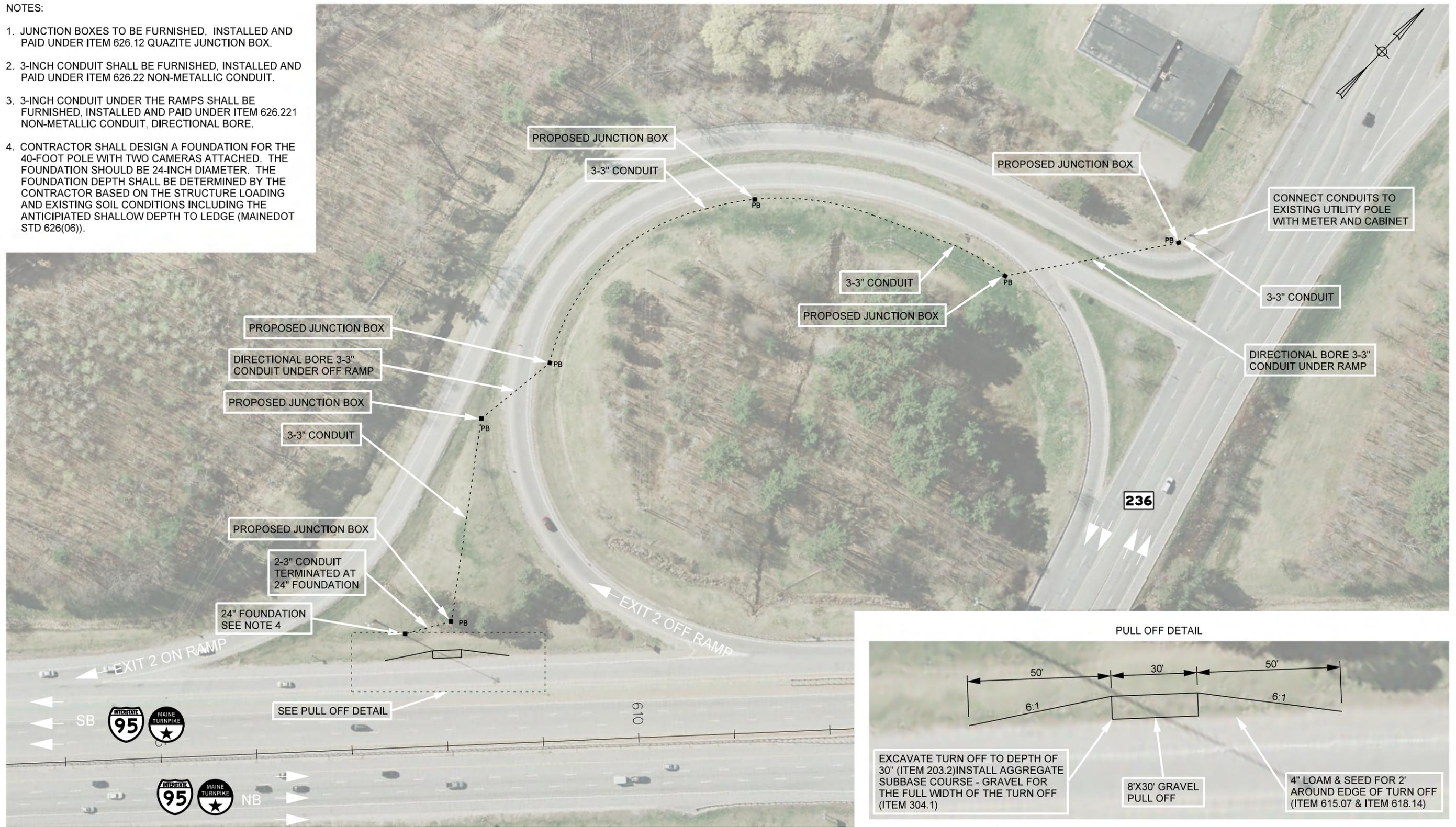
CONTRACT: 2019.03

SHEET NUMBER: 39

39 OF 80

NOTES:

1. JUNCTION BOXES TO BE FURNISHED, INSTALLED AND PAID UNDER ITEM 626.12 QUAZITE JUNCTION BOX.
2. 3-INCH CONDUIT SHALL BE FURNISHED, INSTALLED AND PAID UNDER ITEM 626.22 NON-METALLIC CONDUIT.
3. 3-INCH CONDUIT UNDER THE RAMPS SHALL BE FURNISHED, INSTALLED AND PAID UNDER ITEM 626.221 NON-METALLIC CONDUIT, DIRECTIONAL BORE.
4. CONTRACTOR SHALL DESIGN A FOUNDATION FOR THE 40-FOOT POLE WITH TWO CAMERAS ATTACHED. THE FOUNDATION SHOULD BE 24-INCH DIAMETER. THE FOUNDATION DEPTH SHALL BE DETERMINED BY THE CONTRACTOR BASED ON THE STRUCTURE LOADING AND EXISTING SOIL CONDITIONS INCLUDING THE ANTICIPATED SHALLOW DEPTH TO LEDGE (MAINEDOT STD 626(06)).



Date: 2/26/2019

Filename: ...035co_55086.04_Sign_012aa.dgn



No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

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**THE GOLD STAR
 MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD, IV

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

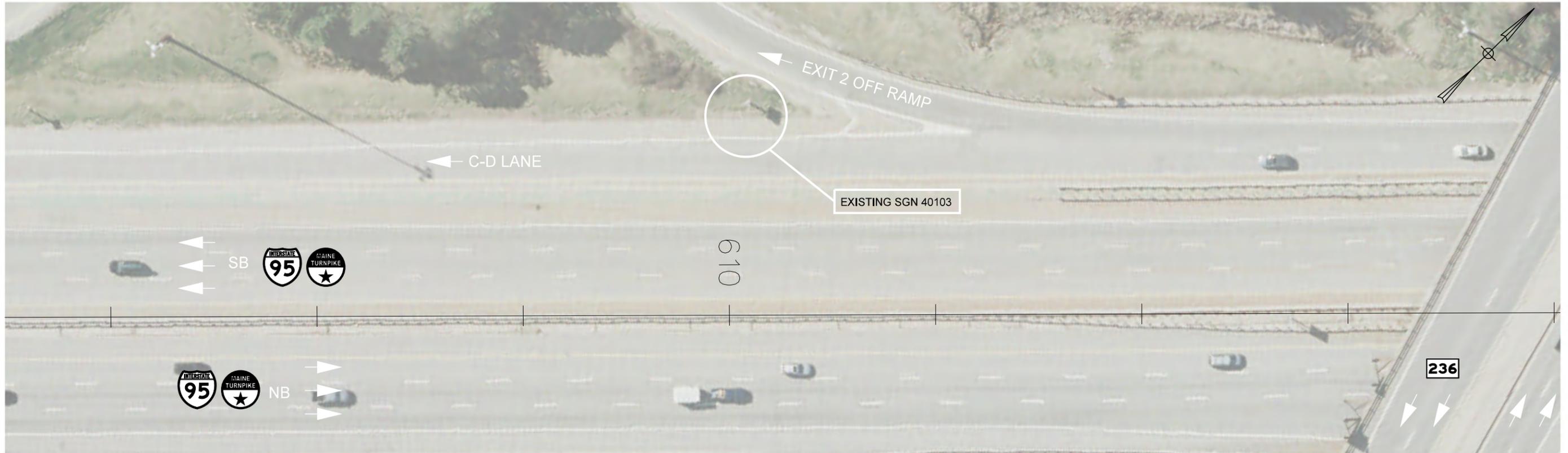
EXIT 2 SB RAMP
 MM 1.14_S

CONTRACT: 2019.03

SHEET NUMBER: 40

40 OF 80

Date: 2/8/2019



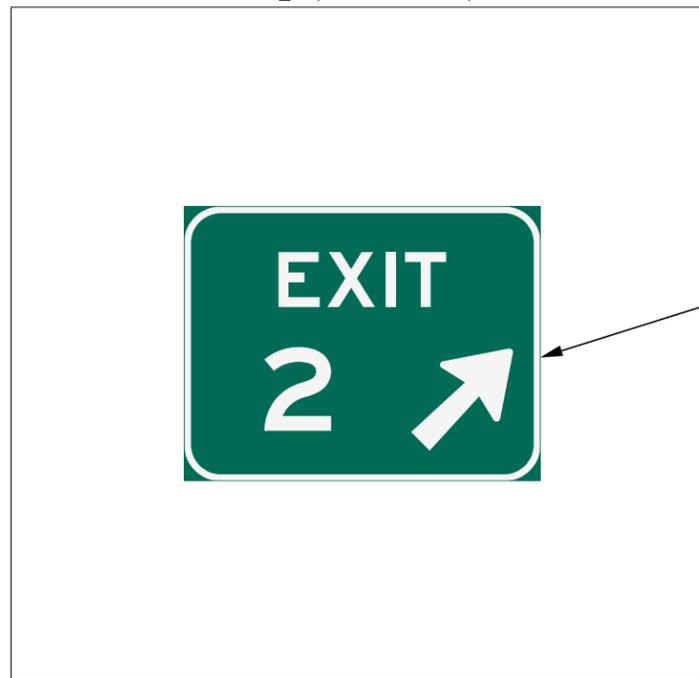
EXISTING GM I-95 MM 1.18_S (MTA SGN 40103) SIGN FACE



REMOVE AND STACK EXISTING SIGN

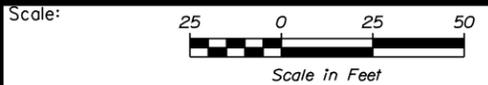
RETAIN EXISTING SIGN SUPPORT

PROPOSED GM I-95 MM 1.18_S (MTA SGN 6356) SIGN FACE



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

Filename: ...036_55086_04_Sign_013.dwg



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MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE IV

GM I-95 MM 1.18_S

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS			
	By	Date	
Designed	MLG	01-2019	Checked MDS 01-2019
Drawn	JAR	01-2019	In Charge of MDS 01-2019

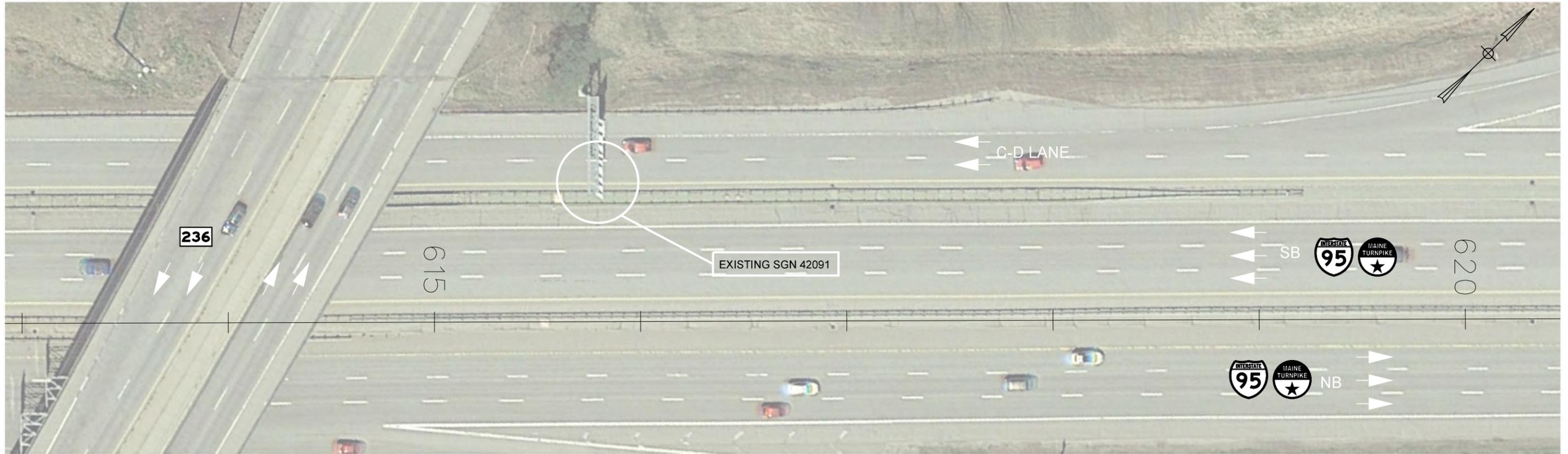
MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2019.03

SHEET NUMBER: 41

41 OF 80

Date: 2/8/2019



EXISTING OHSS I-95 MM 1.31_S (MTA SGN 42091) SIGN FACE



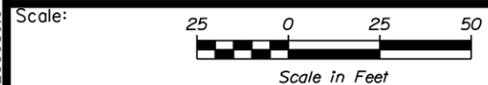
REMOVE AND STACK EXISTING SIGN

PROPOSED OHSS I-95 MM 1.31_SL (MTA SGN 6355) SIGN FACE



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

NOTE:
SEE SHEET 21
FOR HORIZONTAL SIGN PLACEMENT
ON EXISTING STRUCTURE



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MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE IV

OHSS I-95 MM 1.31_SL

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2019.03

SHEET NUMBER: 42

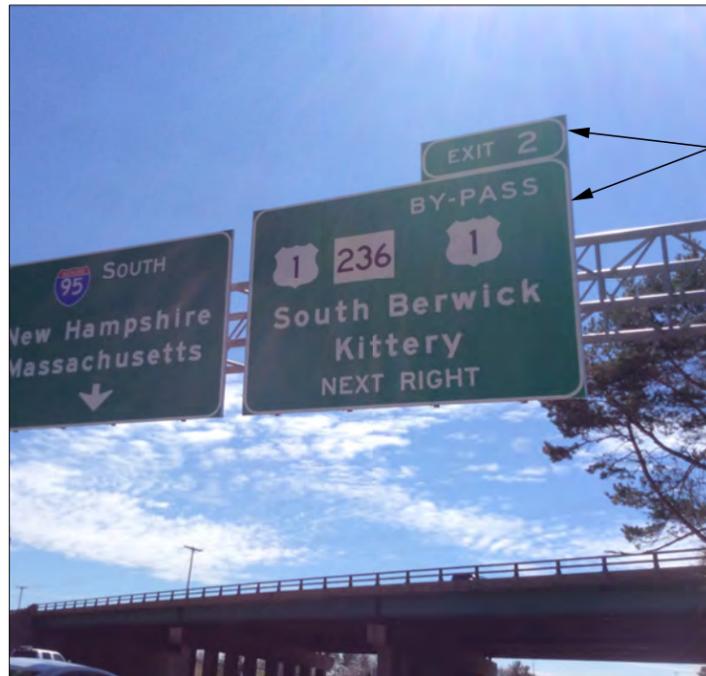
42 OF 80

Filename: ... \037_55086_04_Sign_016.dgn

Date: 2/8/2019

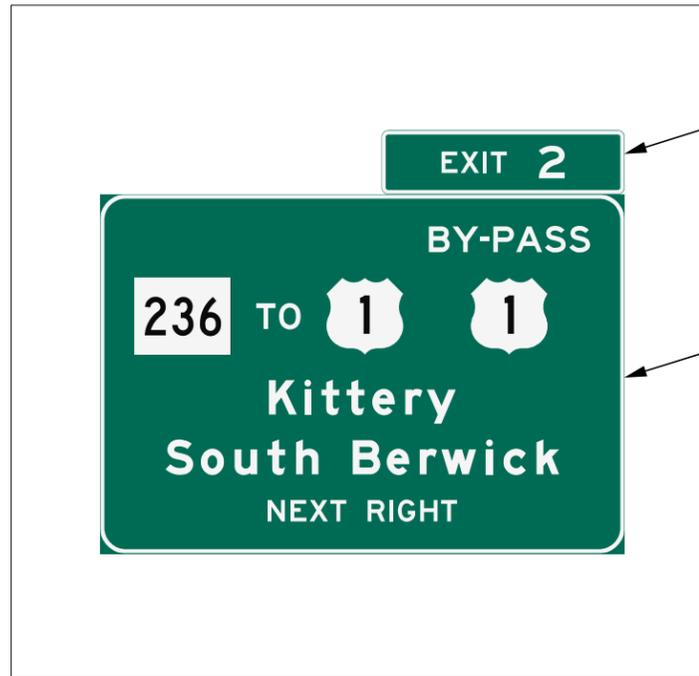


EXISTING OHSS I-95 MM 1.31_S (MTA SGN 42093) SIGN FACE



REMOVE AND STACK EXISTING SIGNS

PROPOSED OHSS I-95 MM 1.31_SR (MTA SGN 6354) SIGN FACE



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

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

NOTE:
SEE SHEET 21
FOR HORIZONTAL SIGN PLACEMENT
ON EXISTING STRUCTURE

Filename: ...038_55086_04_Sign_017.dgn



Designed by:

CONSULTANT PROJECT MANAGER: MDS					
Designed	By	Date	Checked	By	Date
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

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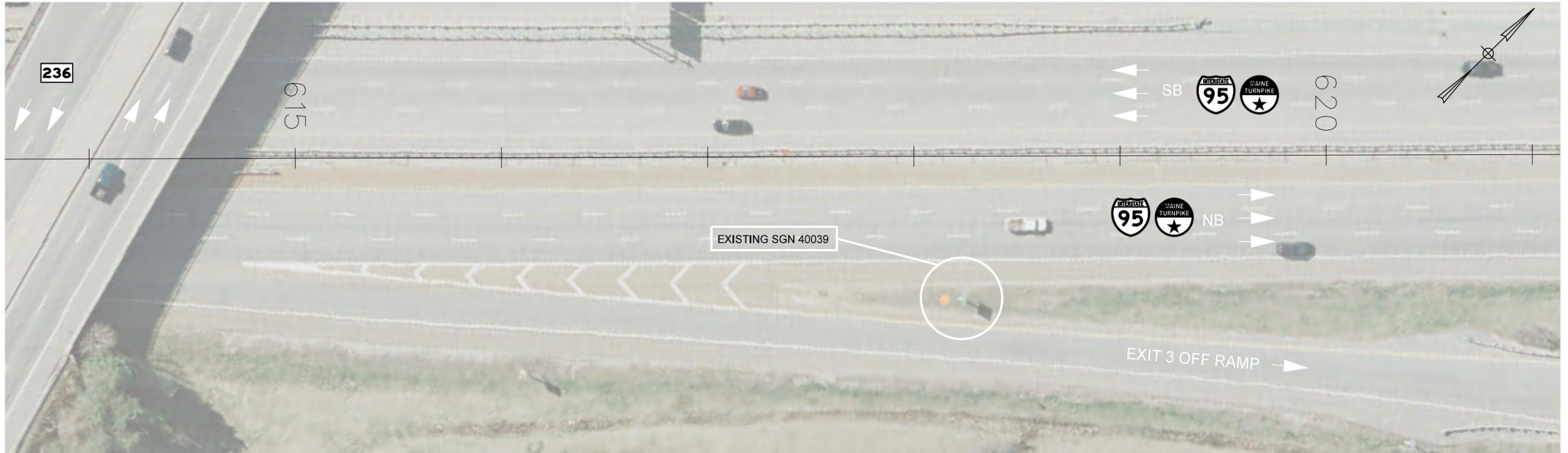
MTA PROJECT MANAGER: R. NORWOOD, IV

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

OHSS I-95 MM 1.31_SR

SHEET NUMBER: 43
CONTRACT: 2019.03
43 OF 80

Date: 2/8/2019



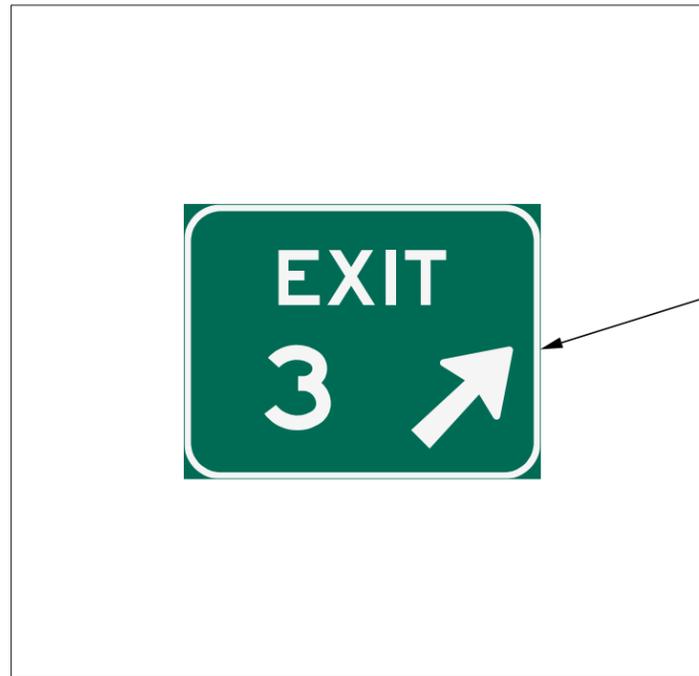
EXISTING GM I-95 MM 1.35_N (MTA SGN 40039) SIGN FACE



REMOVE AND STACK EXISTING SIGN

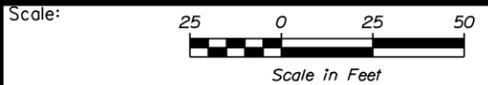
RETAIN EXISTING SIGN SUPPORT

PROPOSED GM I-95 MM 1.35_N (MTA SGN 6353) SIGN FACE



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

Filename: ...039_55086_04_Sign_018.dgn



Designed by:



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MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE IV

GM I-95 MM 1.35_N

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2019.03

SHEET NUMBER: 44

44 OF 80

Date: 2/8/2019



EXISTING GM I-95 MM 2.47_S (MTA SGN 50968) SIGN FACE

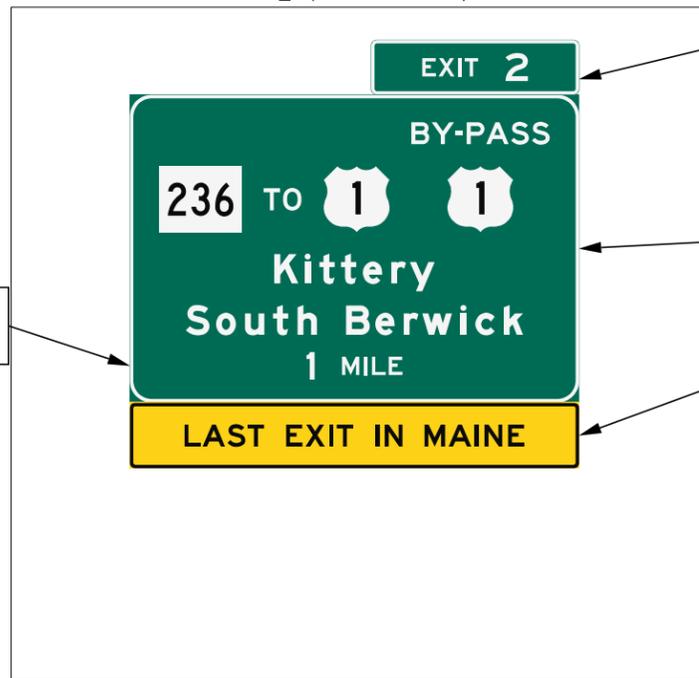


REMOVE AND STACK EXISTING SIGNS

RETAIN EXISTING SUPPORTS AND FOUNDATIONS

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

PROPOSED GM I-95 MM 2.47_S (MTA SGN 6349) SIGN FACE



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

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

INSTALL NEW SUPPLEMENTAL SIGN BELOW THE HINGE PLATE



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MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE IV

GM I-95 MM 2.47_S

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

MTA PROJECT MANAGER: R. NORWOOD, IV

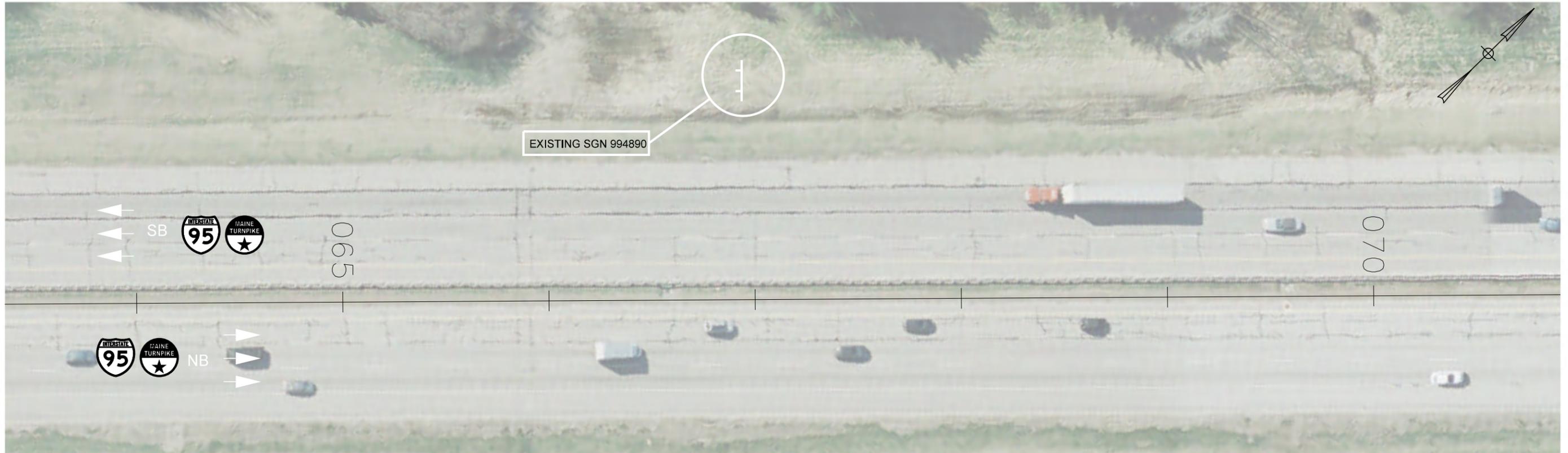
CONTRACT: 2019.03

SHEET NUMBER: 45

45 OF 80

Filename: ...\\042_55086_04_Sign_023.dgn

Date: 2/8/2019



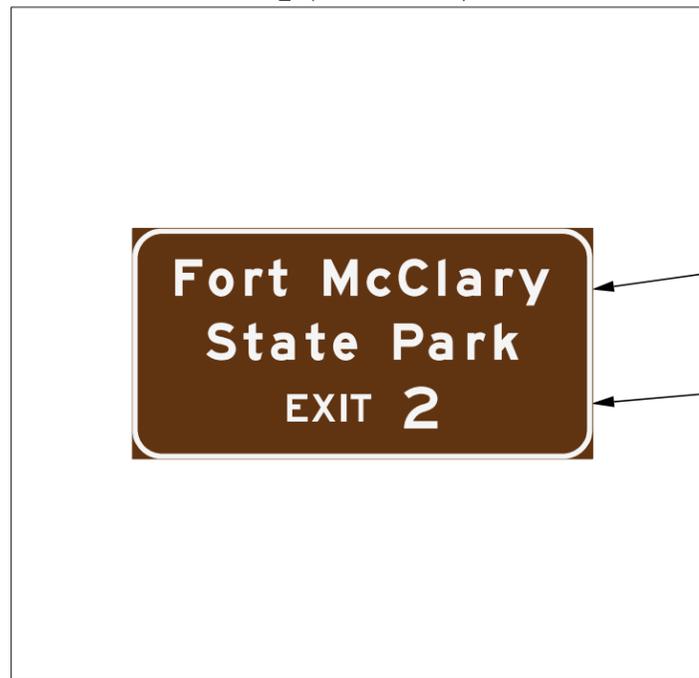
EXISTING GM I-95 MM 2.67_S (MTA SGN 994890) SIGN FACE



REMOVE AND STACK EXISTING SIGNS

RETAIN EXISTING SUPPORTS AND FOUNDATIONS

PROPOSED GM I-95 MM 2.67_S (MTA SGN 6346) SIGN FACE



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

INSTALL NEW W10x22 TOP PORTION OF SUPPORTS AND HINGE PLATES

Filename: ... \043_55086_04_Sign_024.dgn



No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

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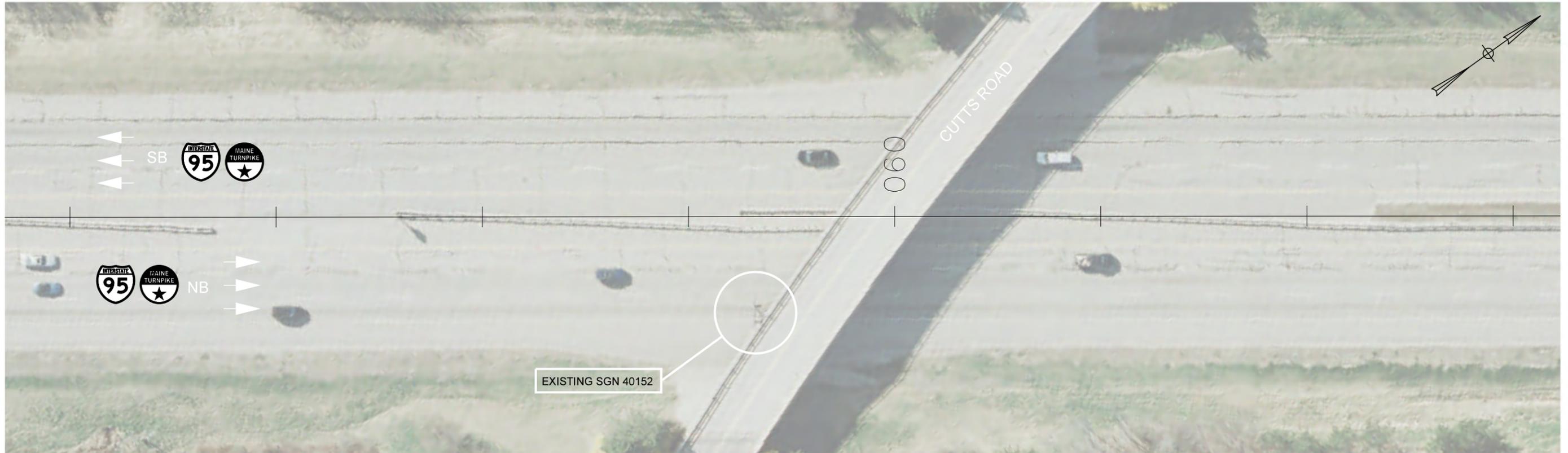
MTA PROJECT MANAGER: R. NORWOOD, IV

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

GM I-95 MM 2.67_S

SHEET NUMBER: 46
 CONTRACT: 2019.03
 46 OF 80

Date: 2/8/2019



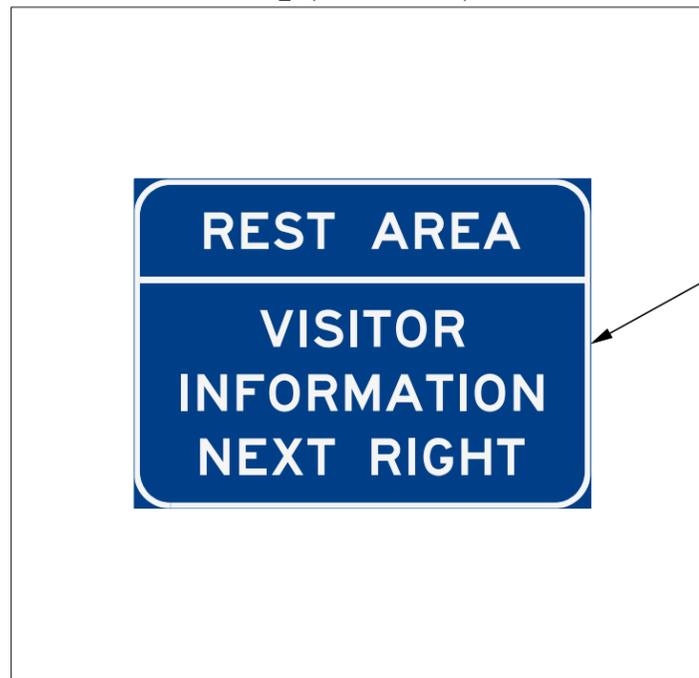
EXISTING GM I-95 MM 3.09_N (MTA SGN 40152) SIGN FACE



REMOVE AND STACK EXISTING SIGN

RETAIN EXISTING OVERPASS MOUNTED SIGN SUPPORT

PROPOSED GM I-95 MM 3.09_N (MTA SGN 6345) SIGN FACE



INSTALL NEW SIGN PROVIDED BY AUTHORITY ON EXISTING OVERPASS MOUNTED SIGN SUPPORT CENTER SIGN FACE HORIZONTALLY AND VERTICALLY ON SUPPORT

NOTE:
CONTRACTOR SHALL
COORDINATE WITH RESIDENT TO
OBTAIN AND INSTALL SIGN FACE

Filename: ... \043a_550866.04_Sign_024a.dgn



Designed by:



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THE GOLD STAR
MEMORIAL HIGHWAY

MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE IV

GM I-95 MM 3.09_N

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS

	By	Date	By	Date
Designed	MLG	01-2019	Checked	MDS 01-2019
Drawn	JAR	01-2019	In Charge of	MDS 01-2019

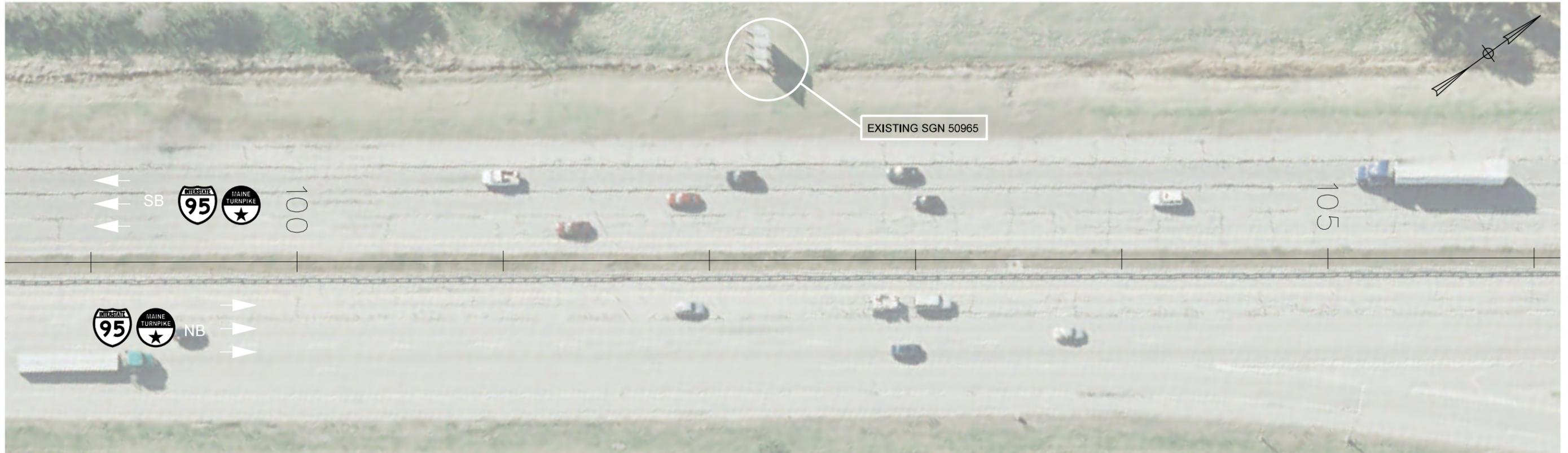
MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2019.03

SHEET NUMBER: 47

47 OF 80

Date: 2/8/2019



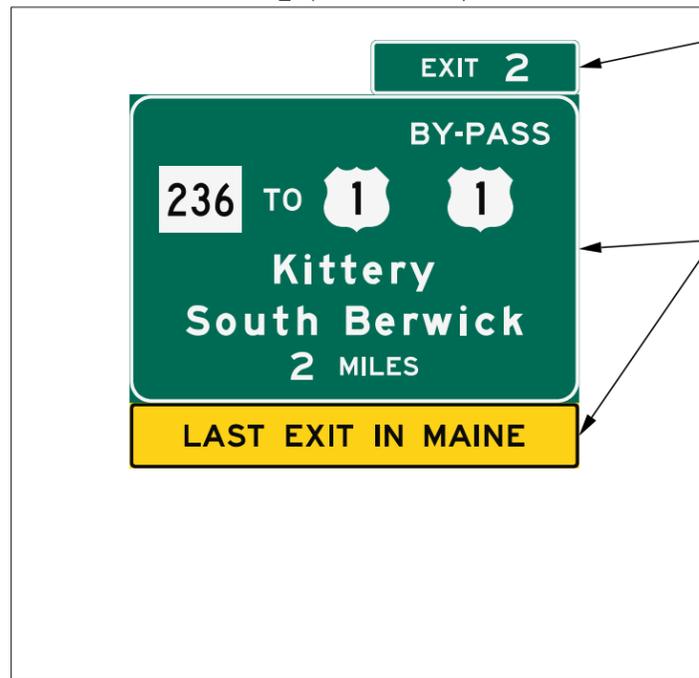
EXISTING GM I-95 MM 3.34_S (MTA SGN 50965) SIGN FACE



REMOVE AND STACK EXISTING SIGNS

RETAIN EXISTING SUPPORTS AND FOUNDATIONS

PROPOSED GM I-95 MM 3.34_S (MTA SGN 6339) SIGN FACE



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

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

Filename: ... \044_55086_04_Sign_025.dgn



No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

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THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD, IV

MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE IV
 GM I-95 MM 3.34_S

SHEET NUMBER: 48
 CONTRACT: 2019.03
 48 OF 80

Date: 2/8/2019



EXISTING GM I-95 MM 4.48_N (MTA SGN 40163) SIGN FACE



REMOVE AND STACK EXISTING SIGN

RETAIN EXISTING SIGN SUPPORTS WITH MAINTENANCE. EXCAVATE AND EXPOSE EXISTING FOUNDATIONS TO 2 INCHES BELOW GRADE. INSPECT ANCHOR BOLT CONDITION.

PROPOSED GM I-95 MM 4.48_N (MTA SGN 6335) SIGN FACE



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

INSTALL NEW W8X18 TOP PORTION OF SUPPORTS AND HINGE PLATES



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THE GOLD STAR
MEMORIAL HIGHWAY

MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE IV

GM I-95 MM 4.48_N

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2019.03

SHEET NUMBER: 49

49 OF 80

Filename: ... \046_55086_04_Sign_027.dgn

Date: 2/8/2019



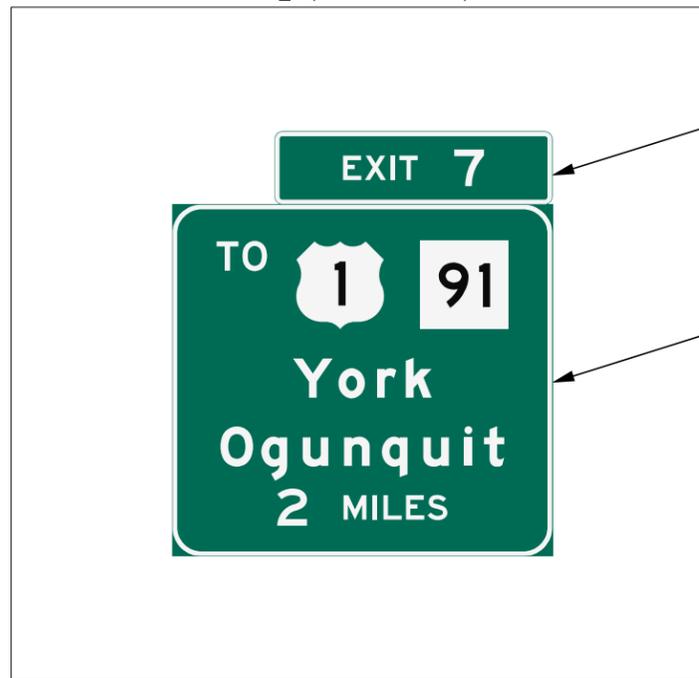
EXISTING GM I-95 MM 4.65_N (MTA SGN 40164) SIGN FACE



REMOVE AND STACK EXISTING SIGNS

RETAIN EXISTING SIGN SUPPORTS

PROPOSED GM I-95 MM 4.65_N (MTA SGN 6334) 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



No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

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

MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE IV

GM I-95 MM 4.65_N

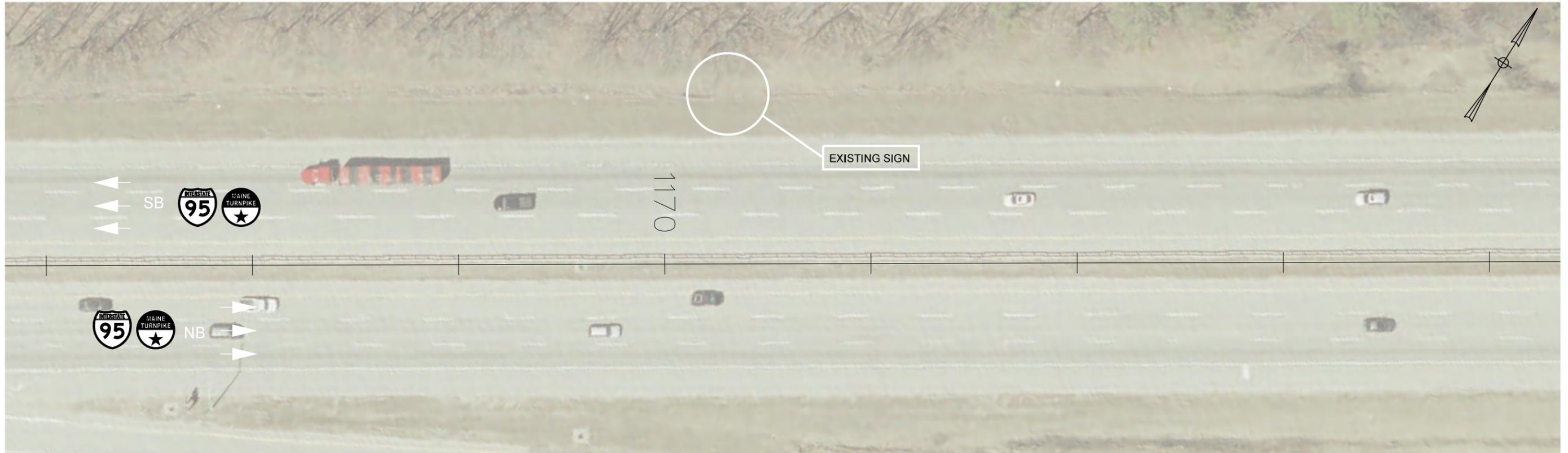
CONTRACT: 2019.03

SHEET NUMBER: 50

50 OF 80

Filename: ...\\047_55086_04_Sign_028.dgn

Date: 2/8/2019



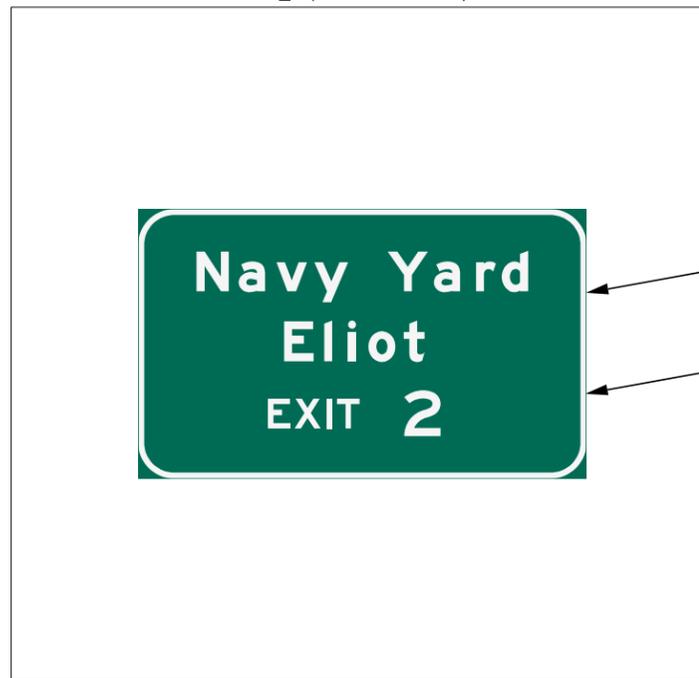
EXISTING GM I-95 MM 5.52_S (MTA SGN) SIGN FACE



REMOVE AND STACK EXISTING SIGNS

RETAIN EXISTING SIGN SUPPORTS AND FOUNDATIONS

PROPOSED GM I-95 MM 5.52_S (MTA SGN 6336) SIGN FACE



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

INSTALL NEW W12X26 TOP PORTION OF SUPPORTS AND HINGE PLATES

NOTE:
CONTRACTOR TO VERIFY
SIZE OF EXISTING POSTS.

Filename: ... \048_55086_04_Sign_026.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	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

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**THE GOLD STAR
MEMORIAL HIGHWAY**

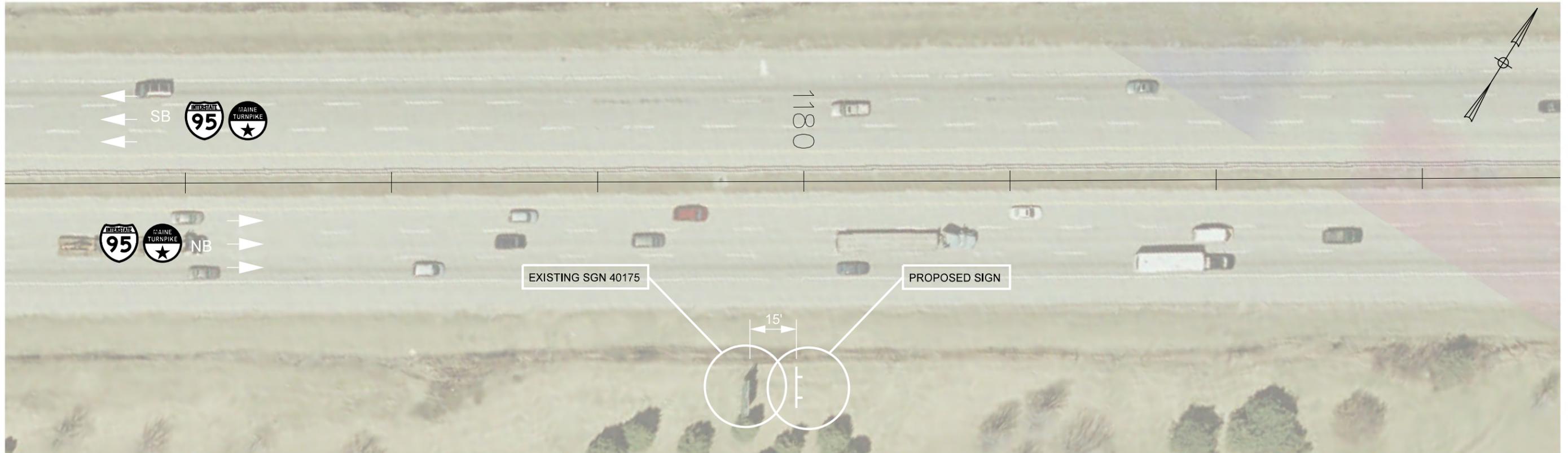
MTA PROJECT MANAGER: R. NORWOOD, IV

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

GM I-95 MM 5.52_S

SHEET NUMBER: 51
CONTRACT: 2019.03
51 OF 80

Date: 2/8/2019



EXISTING GM I-95 MM 5.70_N (MTA SGN 40175) SIGN FACE

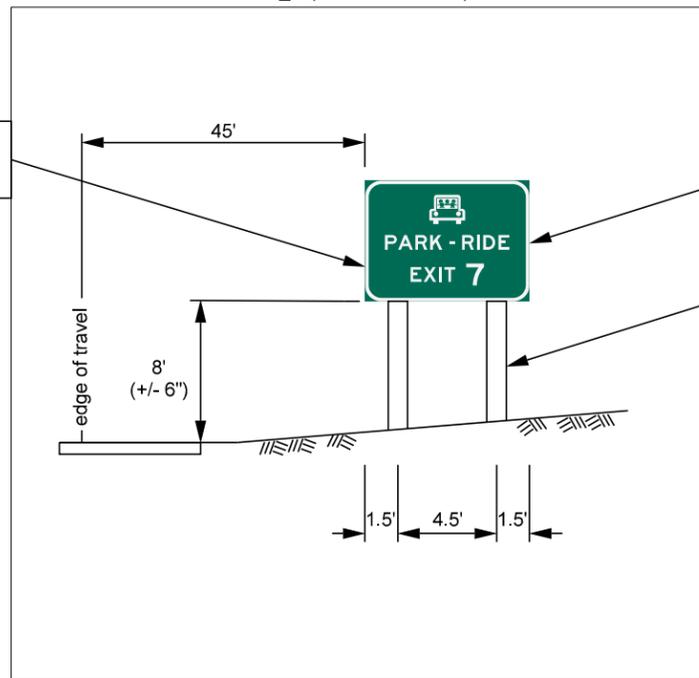


REMOVE AND STACK EXISTING SIGN

REMOVE EXISTING SIGN SUPPORTS AND FOUNDATIONS

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

PROPOSED GM I-95 MM 5.70_N (MTA SGN 6331) SIGN FACE



INSTALL NEW SIGN ON NEW SUPPORTS 15 FEET BEHIND EXISTING SIGN

INSTALL TWO 6X6 BREAKAWAY WOOD POSTS



No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

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THE GOLD STAR
 MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD, IV

MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE IV

GM I-95 MM 5.70_N

CONTRACT: 2019.03

SHEET NUMBER: 52

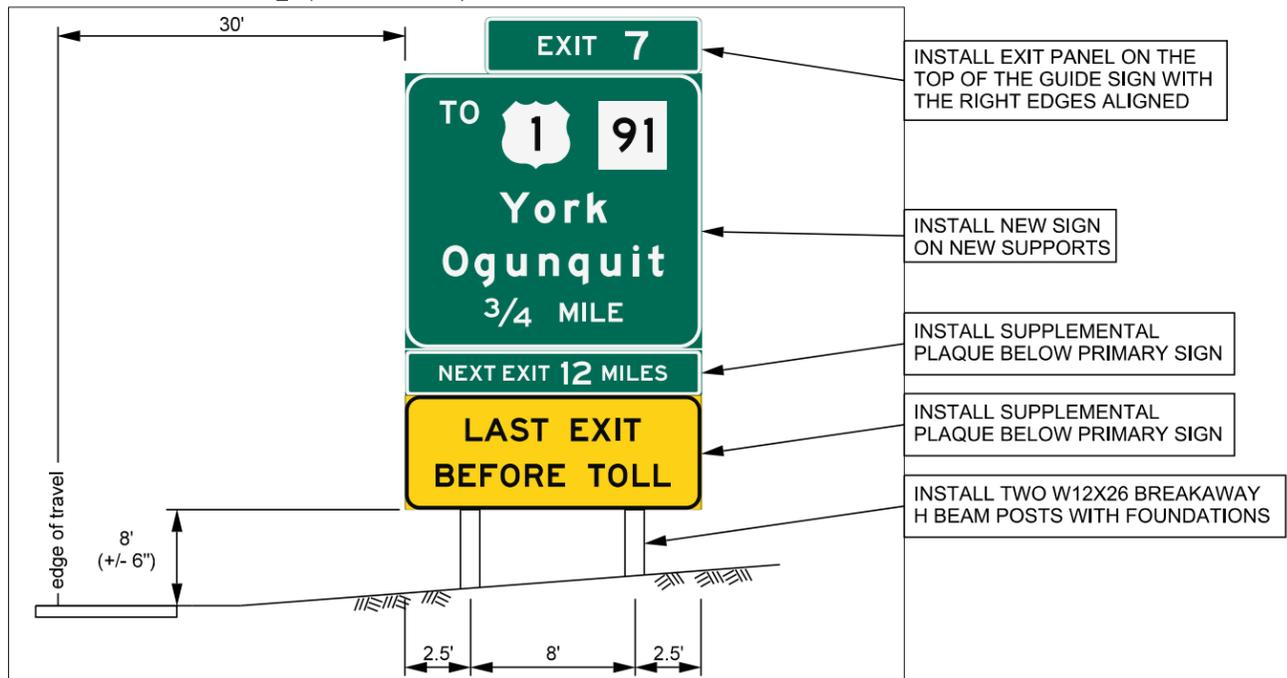
52 OF 80

Filename: ... \048_55086_04_Sign_030.dgn

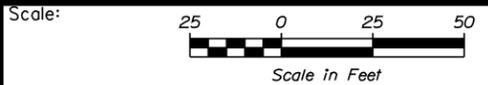
Date: 2/8/2019



PROPOSED GM I-95 MM 5.87_N (MTA SGN6330) SIGN FACE



Filename: ... \049_55086_04_Sign_031.dgn



No.	Revision	By	Date

Designed by:

CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

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THE GOLD STAR MEMORIAL HIGHWAY

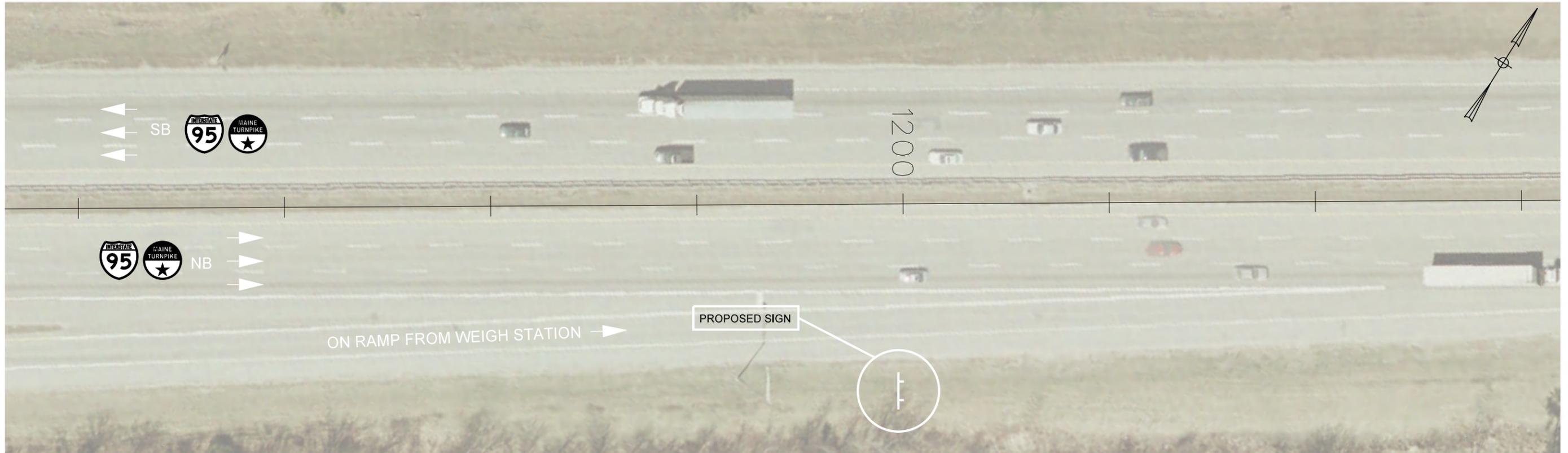
MTA PROJECT MANAGER: R. NORWOOD, IV

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

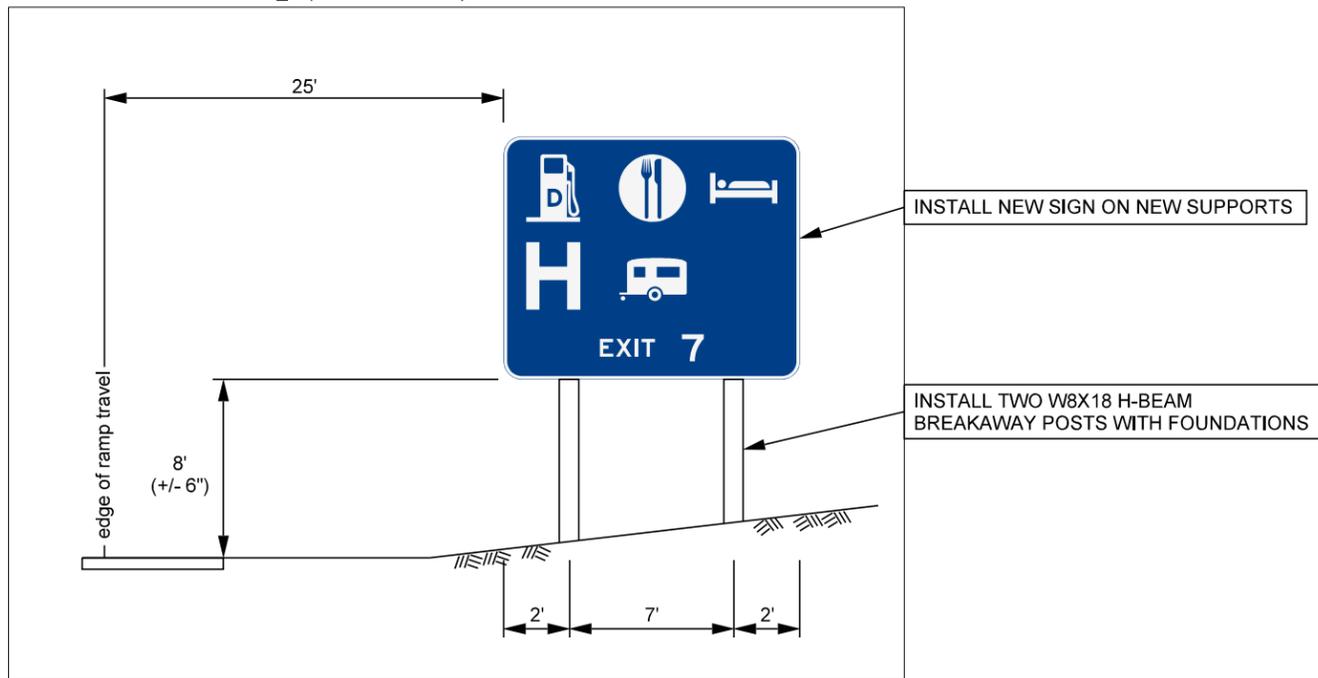
GM I-95 MM 5.87_N

SHEET NUMBER: 53
 CONTRACT: 2019.03
 53 OF 80

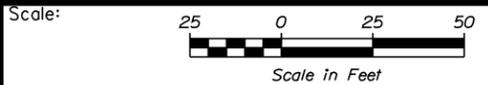
Date: 2/8/2019



PROPOSED GM I-95 MM 6.09_N (MTA SGN 6329) SIGN FACE



Filename: ...050_55086_04_Sign_032.dgn



No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

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**THE GOLD STAR
 MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD, IV

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

GM I-95 MM 6.09_N

SHEET NUMBER: 54
 CONTRACT: 2019.03
 54 OF 80

Date: 2/8/2019



EXISTING GM I-95 MM 6.51_N (MTA SGN 40182) SIGN FACE

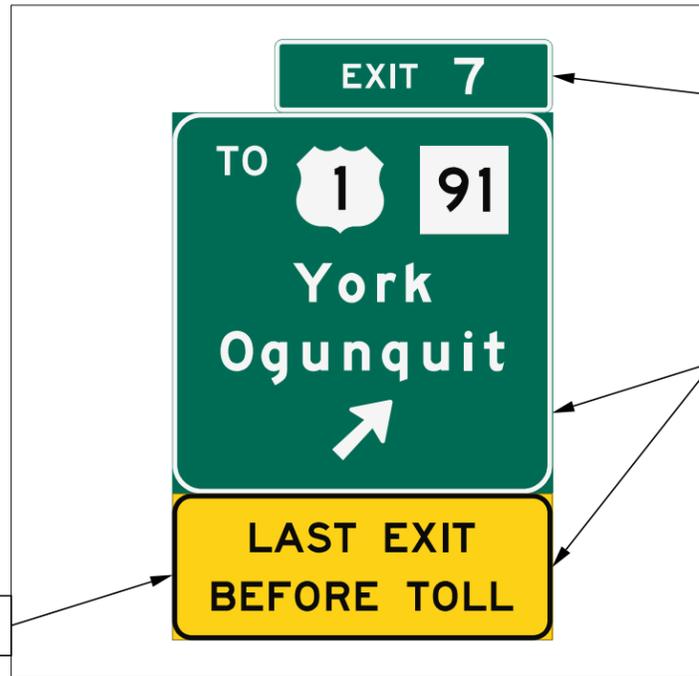


REMOVE AND STACK EXISTING SIGNS

RETAIN EXISTING SIGN SUPPORTS

INSTALL SUPPLEMENTAL PLAQUE BELOW PRIMARY SIGN

PROPOSED GM I-95 MM 6.51_N (MTA SGN 6328) 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



No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

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**THE GOLD STAR
 MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD, IV

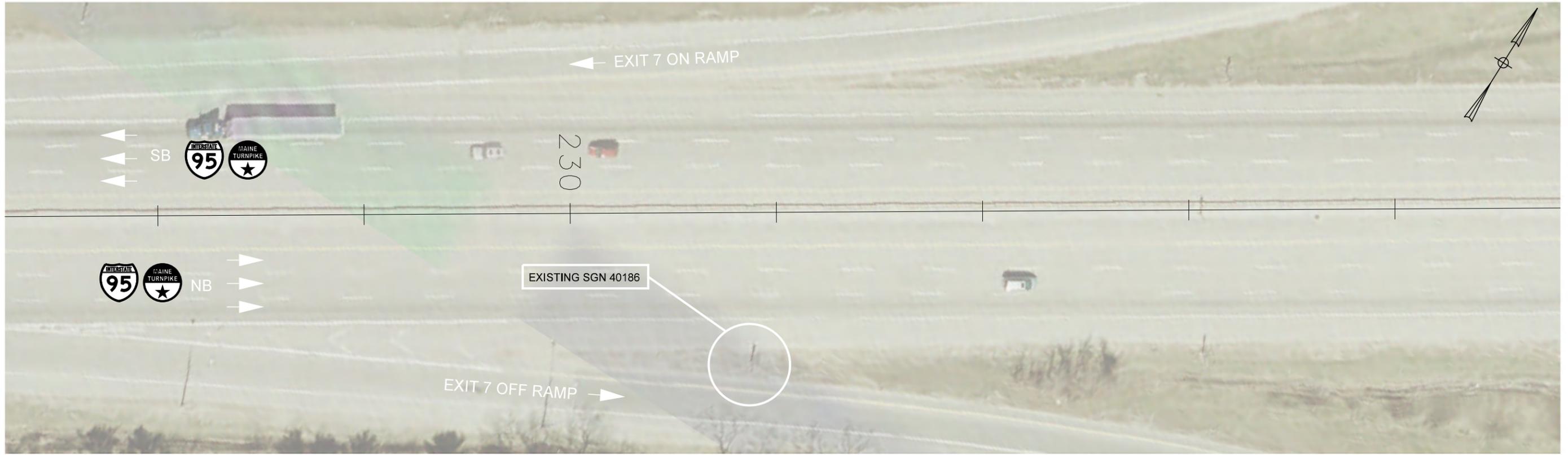
**MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE IV**

GM I-95 MM 6.51_N

SHEET NUMBER: 55
 CONTRACT: 2019.03
 55 OF 80

Filename: ... \051_55086.04_Sign_033.dgn

Date: 2/8/2019



EXISTING GM I-95 MM 6.68_N (MTA SGN 40186) SIGN FACE

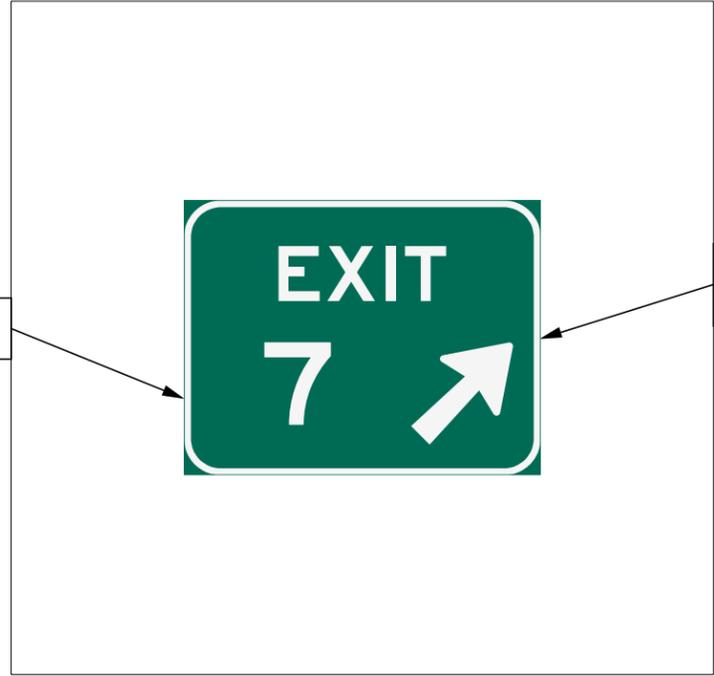


REMOVE AND STACK EXISTING SIGN

RESET EXISTING WRONG WAY SIGN ON BACK OF NEW GORE SIGN

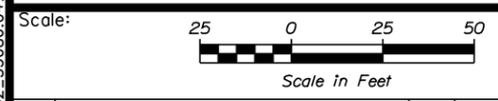
RETAIN EXISTING SIGN SUPPORT

PROPOSED GM I-95 MM 6.68_N (MTA SGN 6327) SIGN FACE



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

Filename: ...052_55086_04_Sign_034.dgn



No.	Revision	By	Date

Designed by:

CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

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**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: R. NORWOOD, IV

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

GM I-95 MM 6.68_N

SHEET NUMBER: 56
CONTRACT: 2019.03
56 OF 80

Date: 2/8/2019



EXISTING GM I-95 MM 7.05_S (MTA SGN 41657) SIGN FACE

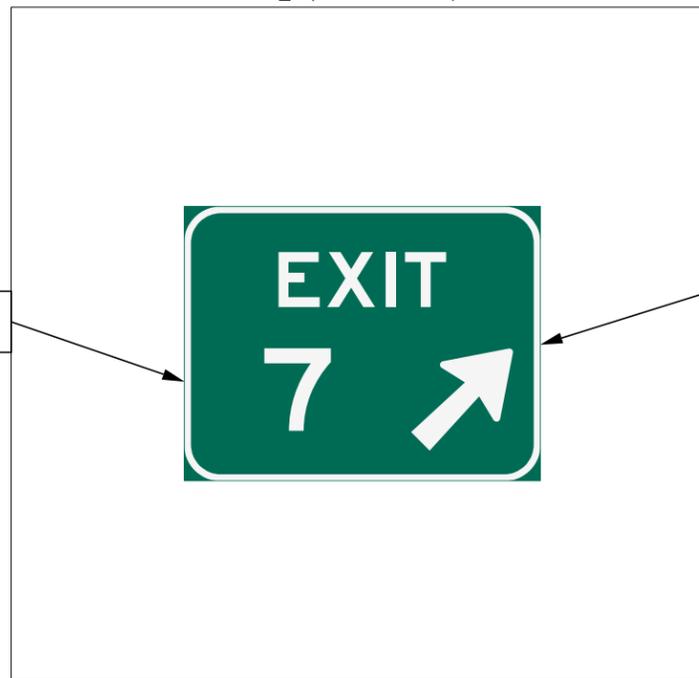


REMOVE AND STACK EXISTING SIGN

RESET EXISTING WRONG WAY SIGN ON BACK OF NEW GORE SIGN

RETAIN EXISTING SIGN SUPPORT AND REPLACE MISSING BOLTS AT THE BREAKAWAY BASE

PROPOSED GM I-95 MM 7.05_S (MTA SGN 6325) SIGN FACE



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



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THE GOLD STAR
MEMORIAL HIGHWAY

MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE IV

GM I-95 MM 7.05_S

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS

	By	Date	By	Date	
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2019.03

SHEET NUMBER: 57

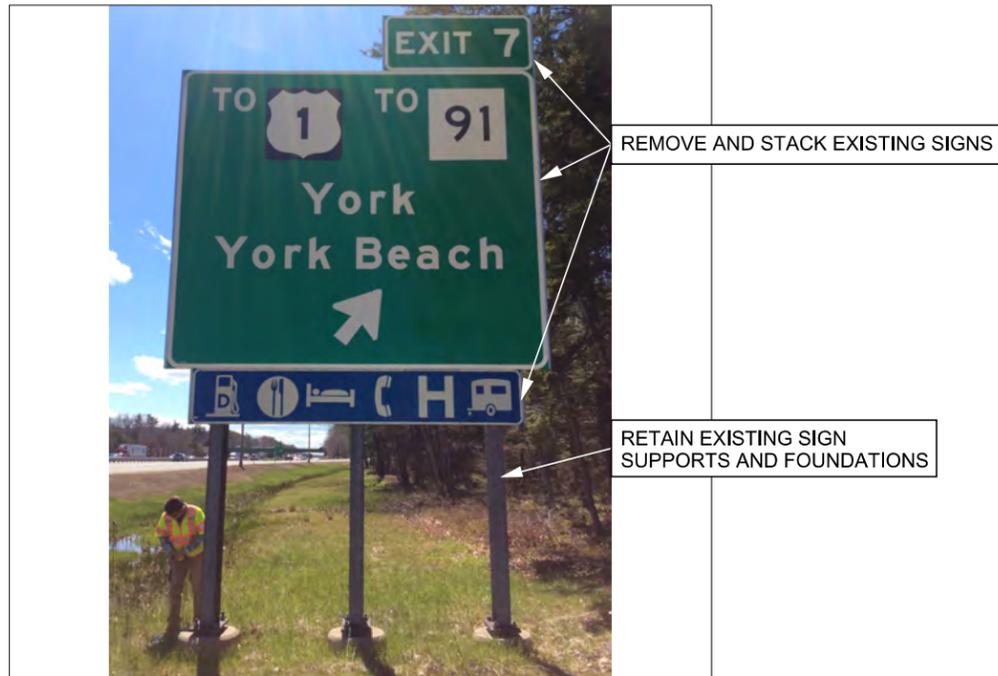
57 OF 80

Filename: ...053_55086_04_Sign_035.dgn

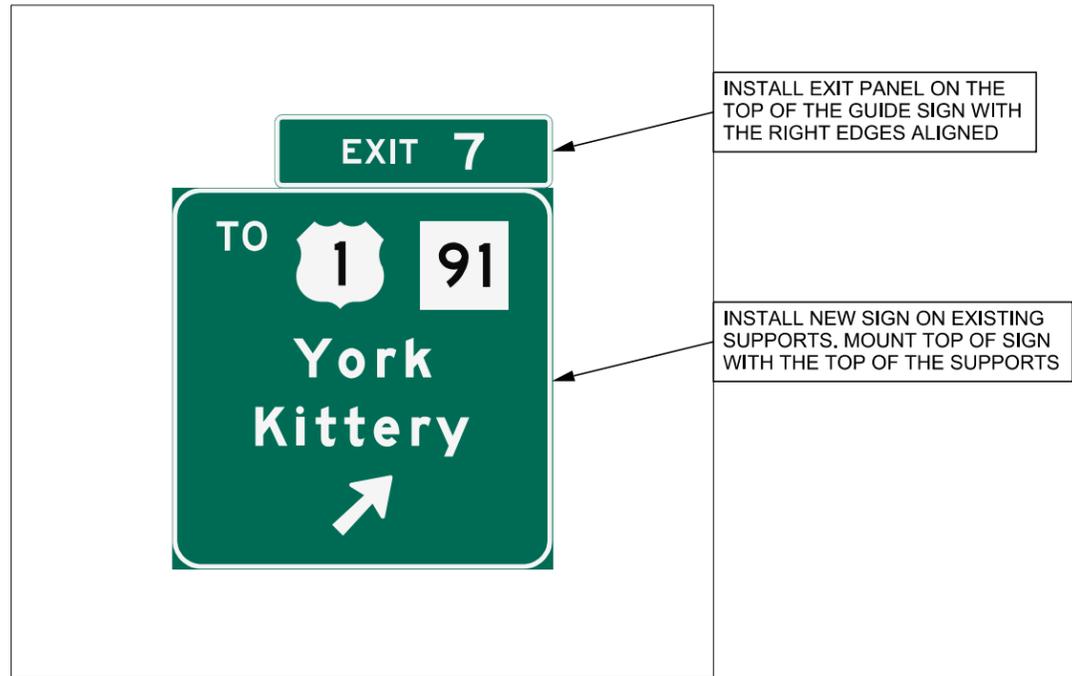
Date: 2/8/2019



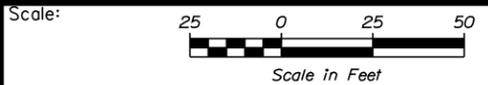
EXISTING GM I-95 MM 7.14_S (MTA SGN 50950) SIGN FACE



PROPOSED GM I-95 MM 7.14_S (MTA SGN 6324) SIGN FACE



Filename: ... \054_55086_04_Sign_036.dgn



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THE GOLD STAR
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MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE IV

GM I-95 MM 7.14_S

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2019.03

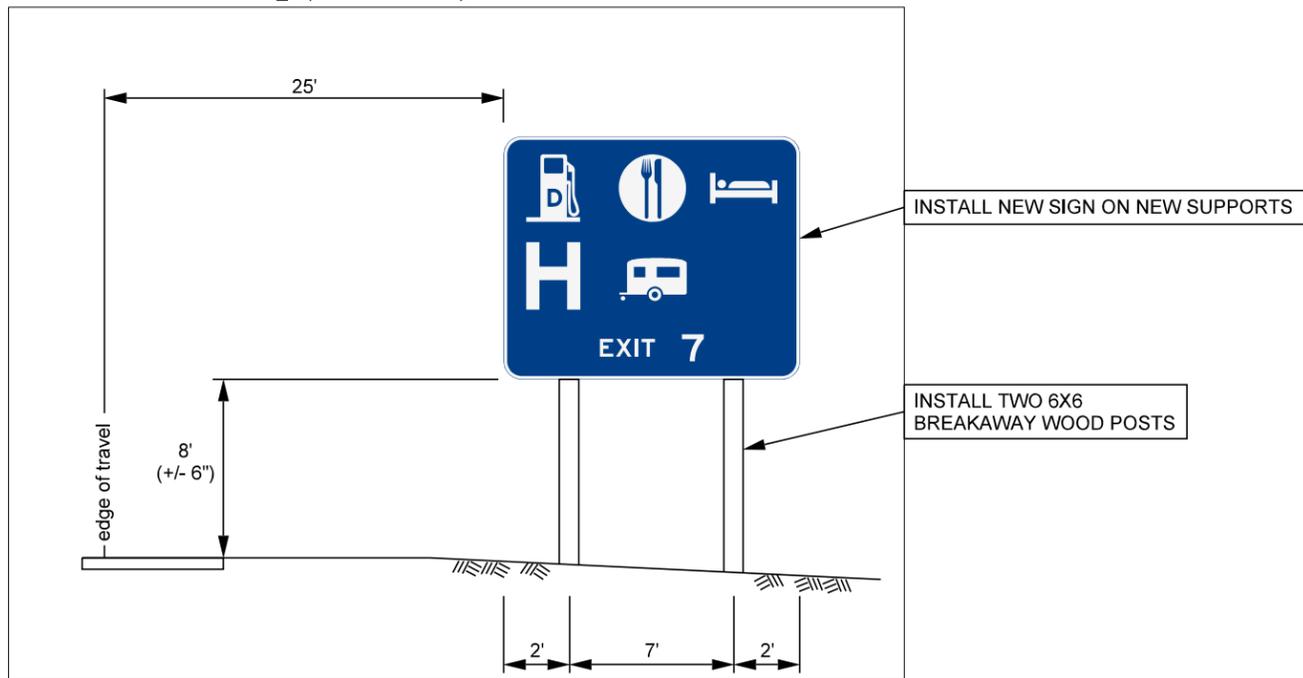
SHEET NUMBER: 58

58 OF 80

Date: 2/8/2019



PROPOSED GM I-95 MM 7.44_S (MTA SGN 6322) SIGN FACE



NOTE:

1. MODIFICATIONS TO THE EXISTING TOLL PLAZA AND CONSTRUCTION OF THE PROPOSED TOLL PLAZA BY OTHERS



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THE GOLD STAR
MEMORIAL HIGHWAY

MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE IV

GM I-95 MM 7.44_S

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2019.03

SHEET NUMBER: 59

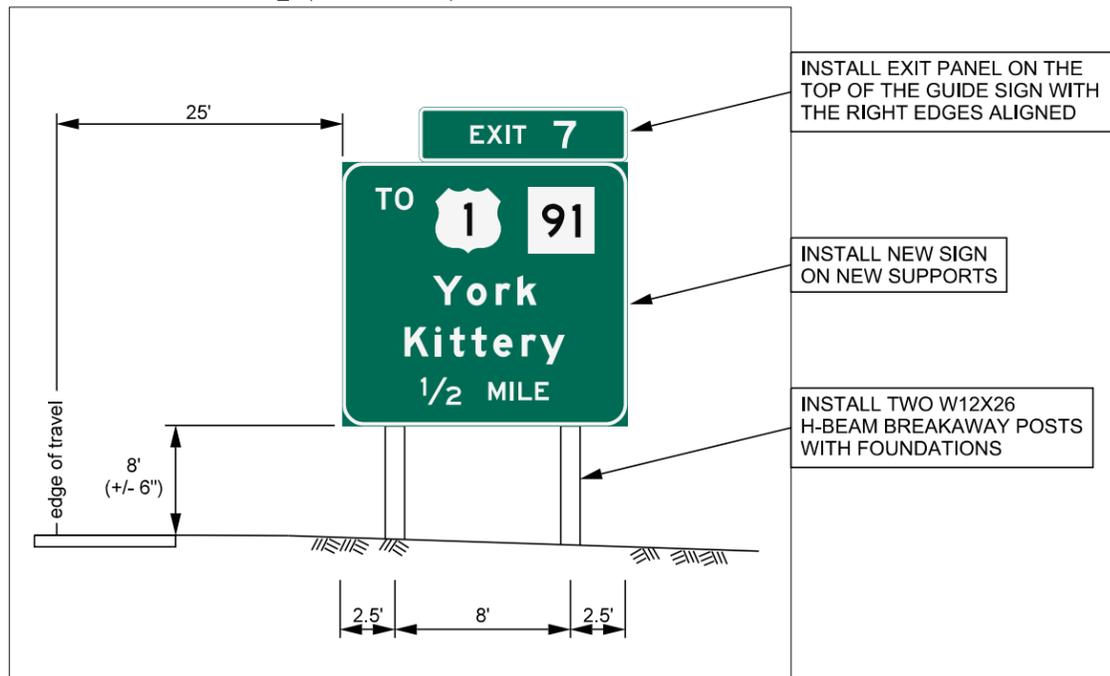
59 OF 80

Filename: ... \054a_550866_04_Sign_036.dwg

Date: 2/8/2019



PROPOSED GM I-95 MM 7.61_S (MTA SGN 6321) SIGN FACE



Filename: ...055_55086_04_Sign_036a.dgn



No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

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

MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE IV

GM I-95 MM 7.61_S

CONTRACT: 2019.03

SHEET NUMBER: 60

60 OF 80

Date: 2/8/2019



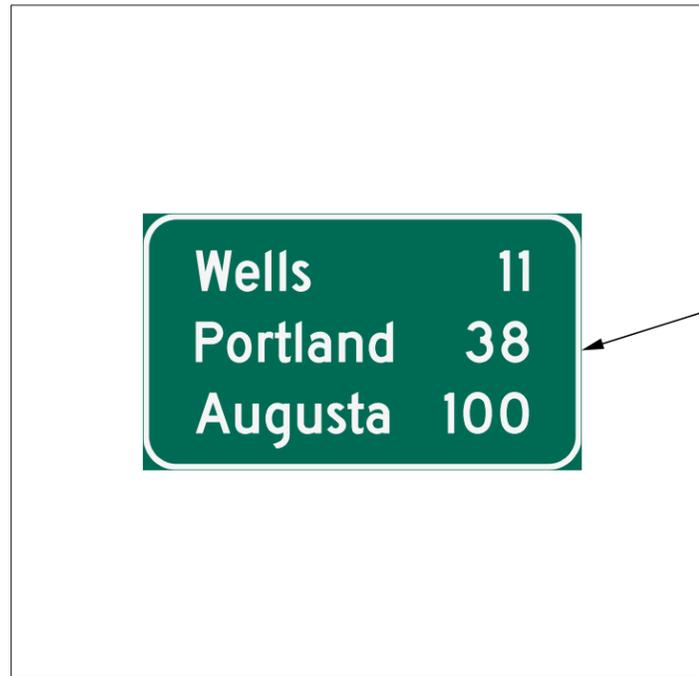
EXISTING GM I-95 MM 7.92_N (MTA SGN 40304) SIGN FACE



REMOVE AND STACK EXISTING SIGN

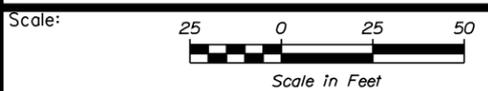
RETAIN EXISTING SIGN SUPPORTS

PROPOSED GM I-95 MM 7.92_N (MTA SGN 6323) SIGN FACE



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

Filename: ... \056_55086_04_Sign_037.dgn



Designed by:

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

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**THE GOLD STAR
MEMORIAL HIGHWAY**

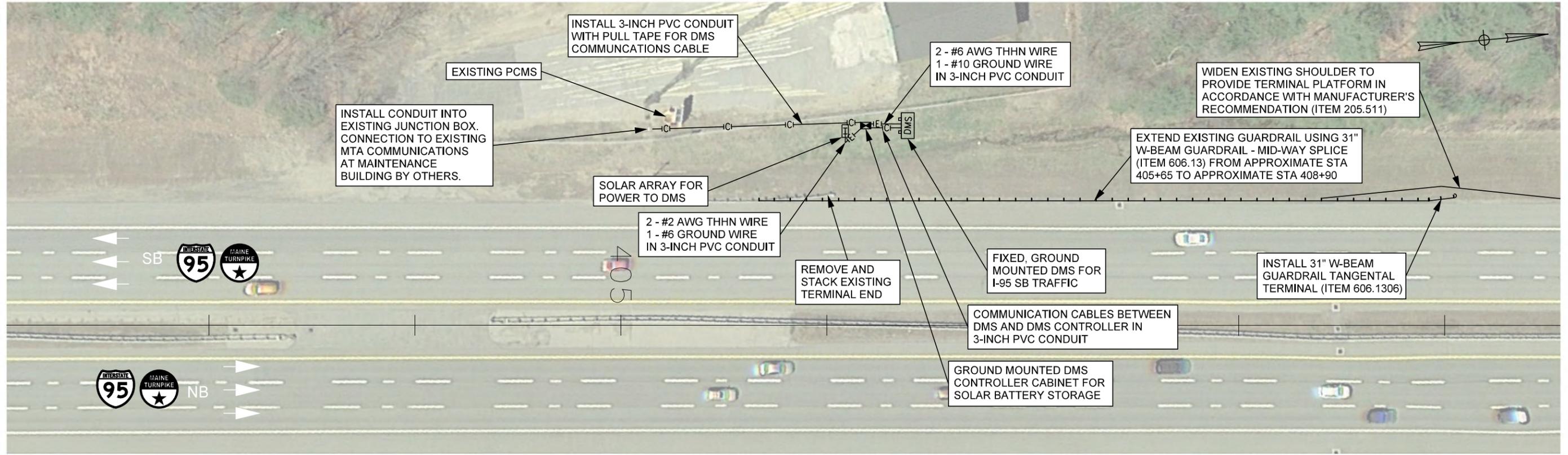
MTA PROJECT MANAGER: R. NORWOOD, IV

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

GM I-95 MM 7.92_N

SHEET NUMBER: 61
CONTRACT: 2019.03
61 OF 80

Date: 2/26/2019

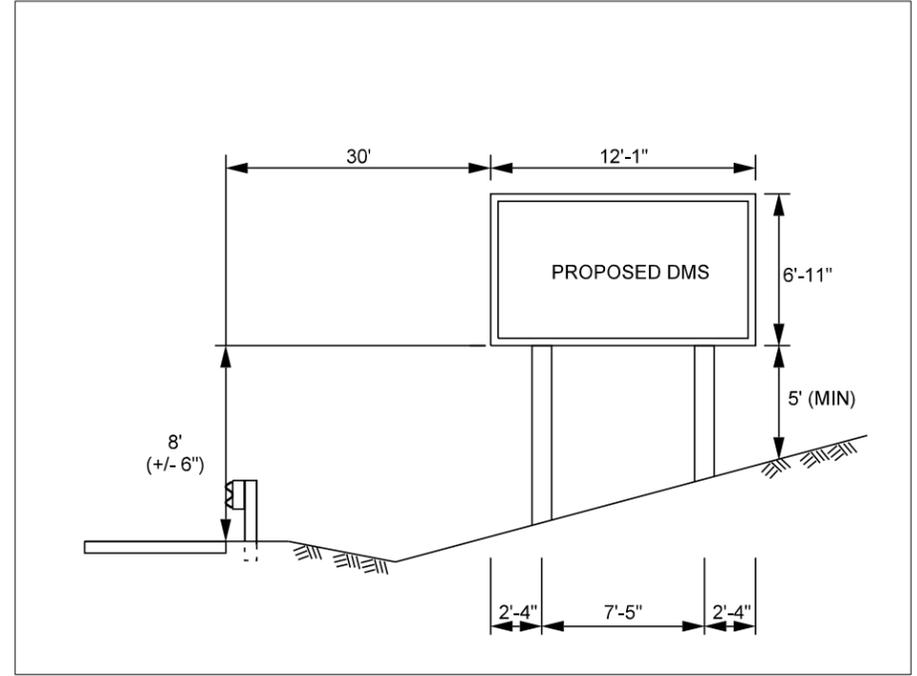


EXISTING PCMS I-95 MM 10.01_S



EXISTING PORTABLE MESSAGE BOARD

PROPOSED DMS I-95 MM 10.01_S



ITS DEVICE LEGEND	
	- DYNAMIC MESSAGE SIGN (SEE ITS DETAILS)
	- DMS CONTROLLER CABINET (SEE ITS DETAILS)
	- SOLAR ARRAY
	- ELECTRICAL CONDUIT
	- DMS COMMUNICATIONS CONDUIT



No.	Revision	By	Date

Designed by:

CONSULTANT PROJECT MANAGER: MDS

By	Date	By	Date
Designed MLG	01-2019	Checked MDS	01-2019
Drawn JAR	01-2019	In Charge of MDS	01-2019

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THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD, IV

MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE IV
 ITS DEVICE PLAN 1
 DMS I-95 MM 10.01_S

SHEET NUMBER: 62
 CONTRACT: 2019.03
 62 OF 80

Filename: ...058_55086_04_Sign_039a.dgn

Date: 2/8/2019



PROPOSED GM I-95 MM 10.50_S (MTA SGN 6316) SIGN FACE



Filename: ... \05800_55086_04_Sign_040c.dwg



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THE GOLD STAR
 MEMORIAL HIGHWAY

MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE IV

GM I-95 MM 10.50_S

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS			
	By	Date	
Designed	MLG	01-2019	Checked MDS 01-2019
Drawn	JAR	01-2019	In Charge of MDS 01-2019

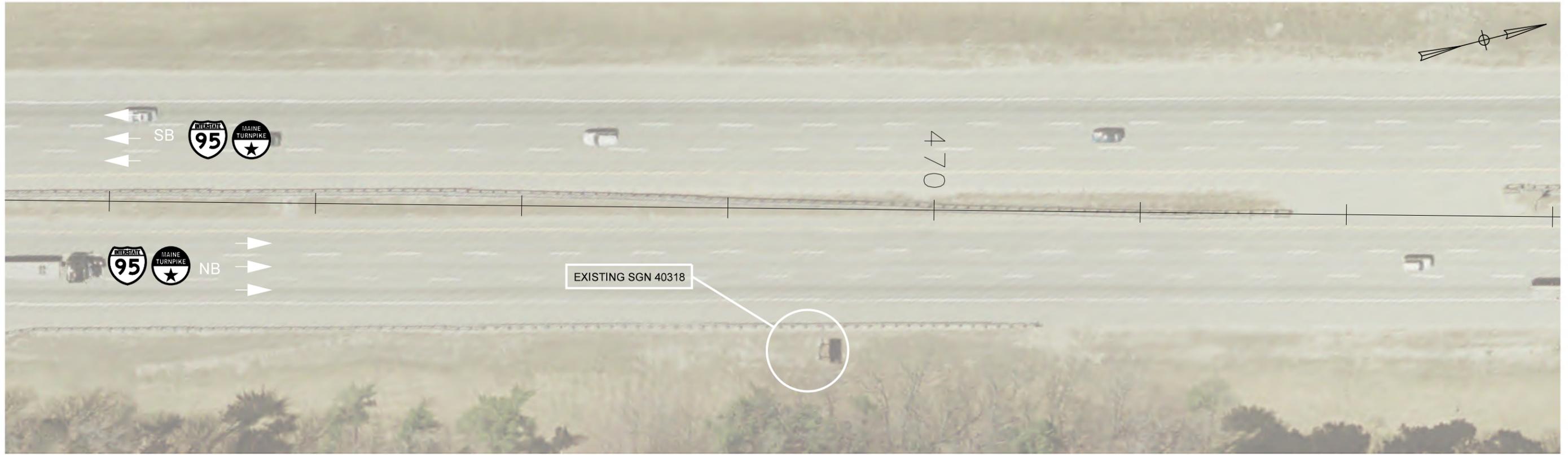
MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2019.03

SHEET NUMBER: 63

63 OF 80

Date: 2/8/2019



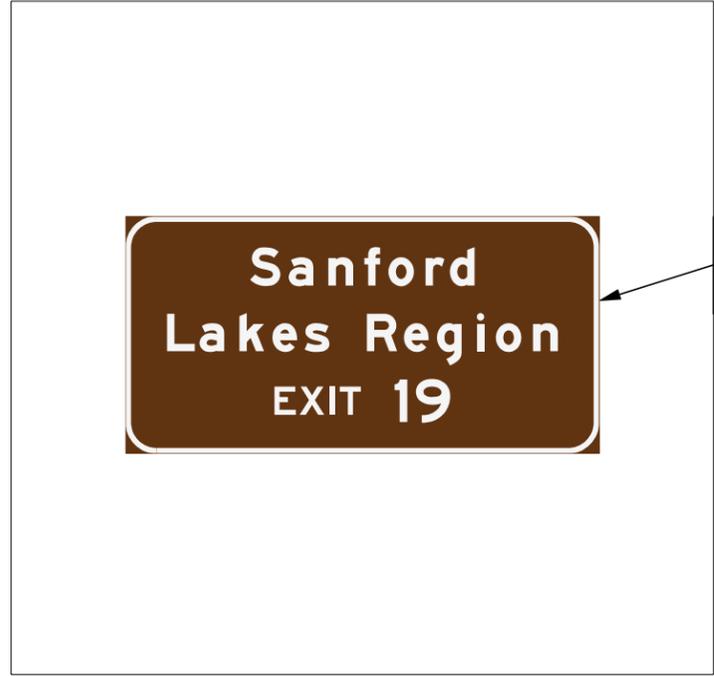
EXISTING GM I-95 MM 11.25_N (MTA SGN 40318) SIGN FACE



REMOVE AND STACK EXISTING SIGN

RETAIN EXISTING SIGN SUPPORTS AND FOUNDATIONS

PROPOSED GM I-95 MM 11.25_N (MTA SGN6315) SIGN FACE



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

Filename: ...059_55086_04_Sign_041.dgn



Designed by:



CONSULTANT PROJECT MANAGER: MDS

No.	Revision	By	Date

By	Date	By	Date
Designed MLG	01-2019	Checked MDS	01-2019
Drawn JAR	01-2019	In Charge of MDS	01-2019

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THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD, IV

MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE IV

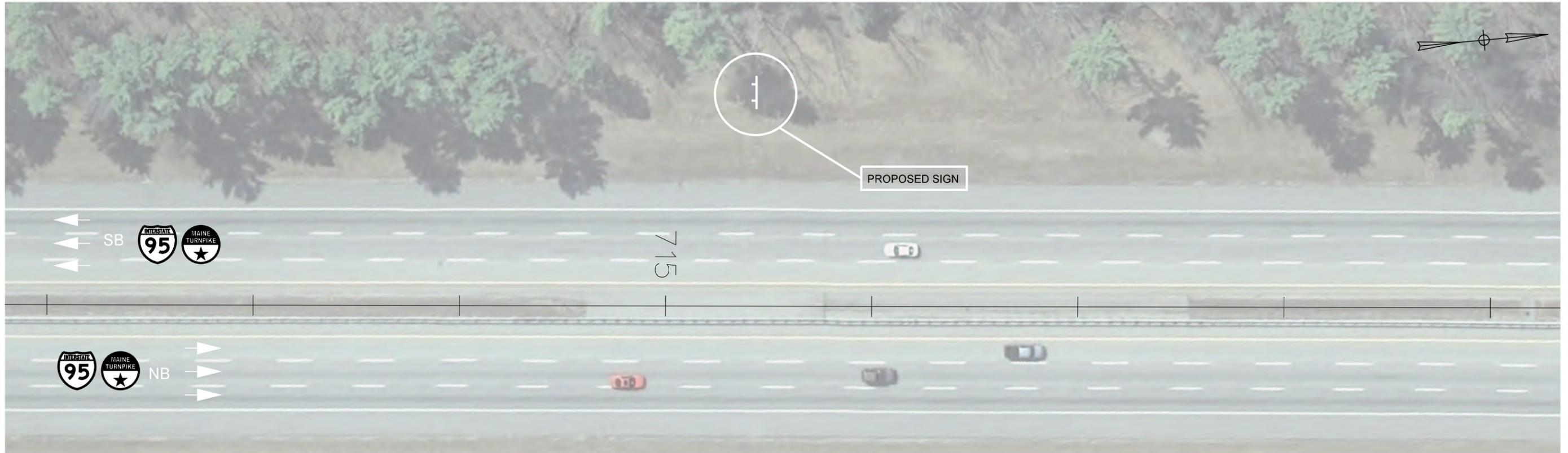
GM I-95 MM 11.25_N

CONTRACT: 2019.03

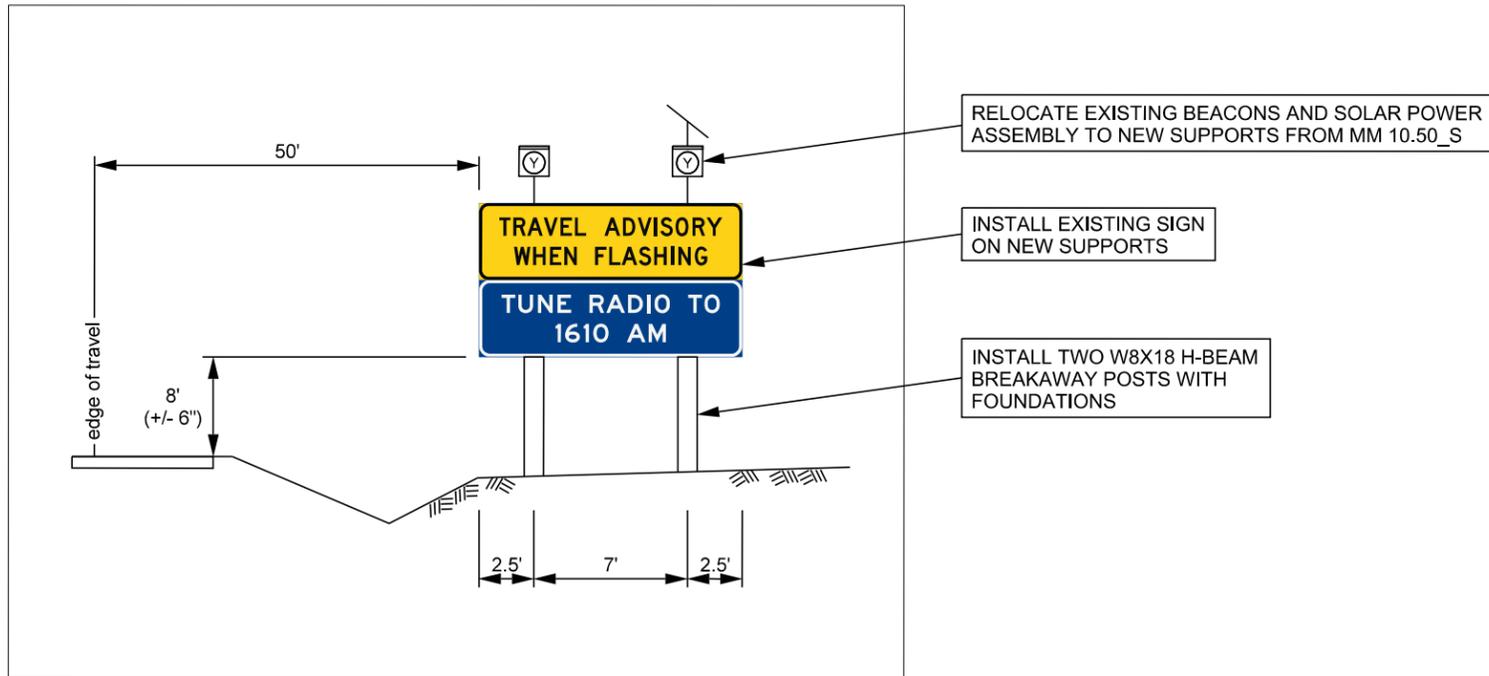
SHEET NUMBER: 64

64 OF 80

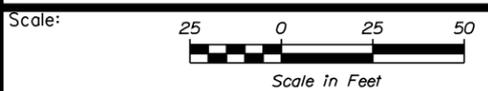
Date: 2/8/2019



PROPOSED GM I-95 MM 16.01_S (MTA SGN 6316) SIGN FACE



Filename: ... \060_55086_04_Sign_042.dgn



Designed by:



No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS

By	Date	By	Date
Designed MLG	01-2019	Checked MDS	01-2019
Drawn JAR	01-2019	In Charge of MDS	01-2019

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MTA PROJECT MANAGER: R. NORWOOD, IV

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

GM I-95 MM 16.01_S

SHEET NUMBER: 65
 CONTRACT: 2019.03
 65 OF 80

Date: 2/8/2019



EXISTING GM I-95 MM 17.46_N (MTA SGN 40334) SIGN FACE



REMOVE AND STACK EXISTING SIGN

RETAIN EXISTING SIGN SUPPORTS

PROPOSED GM I-95 MM 17.46_N (MTA SGN6310) SIGN FACE



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



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MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE IV

GM I-95 MM 17.46_N

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS			
	By	Date	
Designed	MLG	01-2019	Checked MDS 01-2019
Drawn	JAR	01-2019	In Charge of MDS 01-2019

MTA PROJECT MANAGER: R. NORWOOD, IV

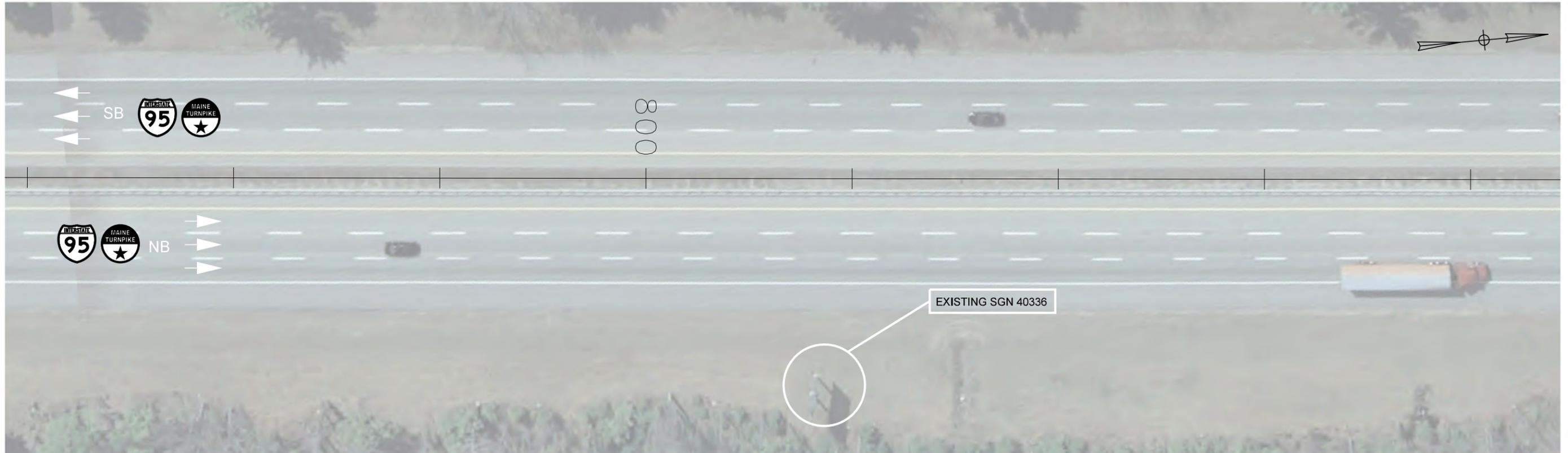
CONTRACT: 2019.03

SHEET NUMBER: 66

66 OF 80

Filename: ...062_55086_04_Sign_04.5.dgn

Date: 2/8/2019



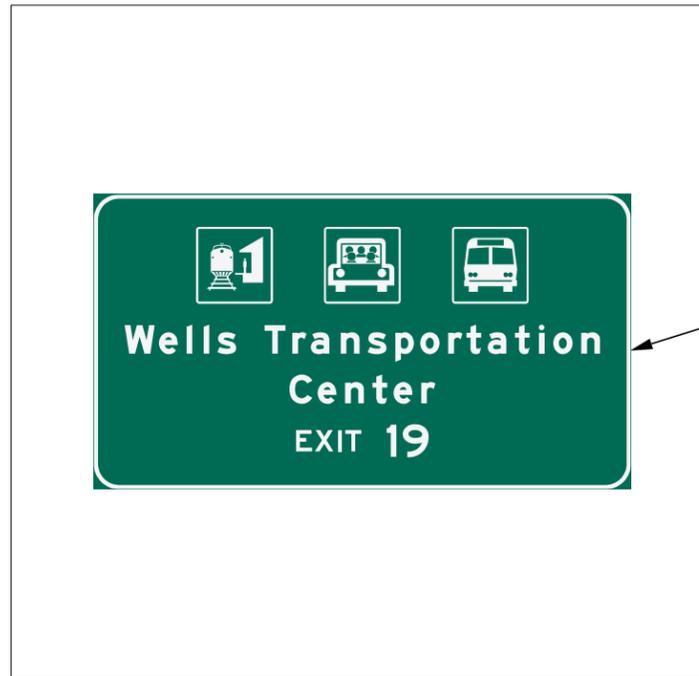
EXISTING GM I-95 MM 17.63_N (MTA SGN 40336) SIGN FACE



REMOVE AND STACK EXISTING SIGNS

RETAIN EXISTING SIGN SUPPORTS

PROPOSED GM I-95 MM 17.63_N (MTA SGN6309) SIGN FACE



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

Filename: ... \063_55086_04_Sign_046.dgn



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MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE IV

GM I-95 MM 17.63_N

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2019.03

SHEET NUMBER: 67

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Date: 2/8/2019



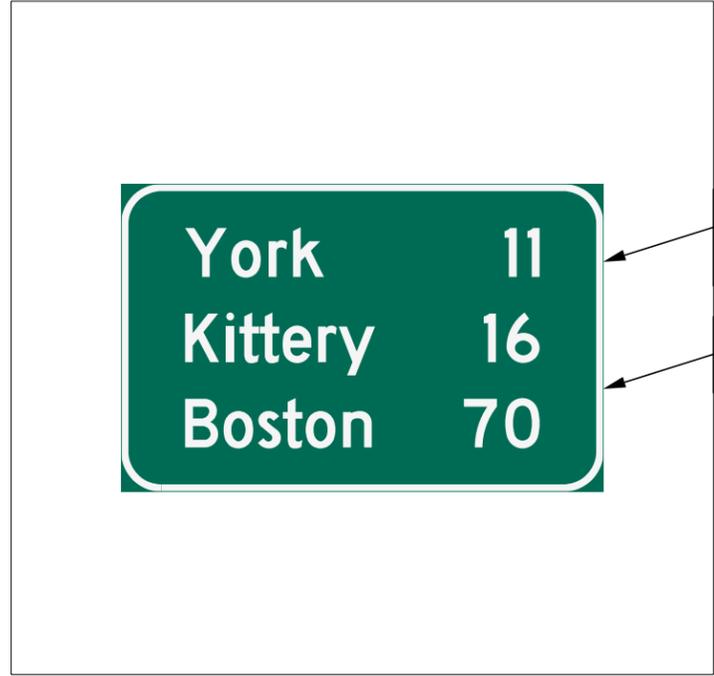
EXISTING GM I-95 MM 18.31_S (MTA SGN 50898) SIGN FACE



REMOVE AND STACK EXISTING SIGN

RETAIN EXISTING SUPPORTS AND FOUNDATIONS

PROPOSED GM I-95 MM 18.31_S (MTA SGN6306) SIGN FACE



INSTALL 4-3' 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 THE HINGE PLATE

Filename: ...064_55086_04_Sign_049.dgn



No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

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MTA PROJECT MANAGER: R. NORWOOD, IV

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

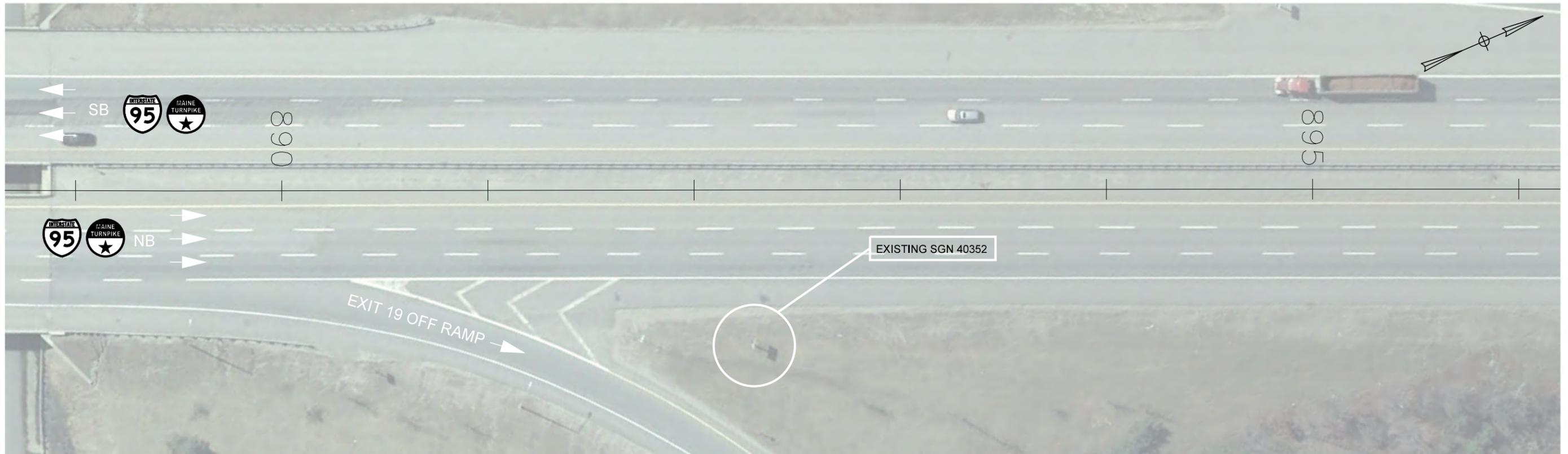
GM I-95 MM 18.31_S

SHEET NUMBER: 68

CONTRACT: 2019.03

68 OF 80

Date: 2/8/2019



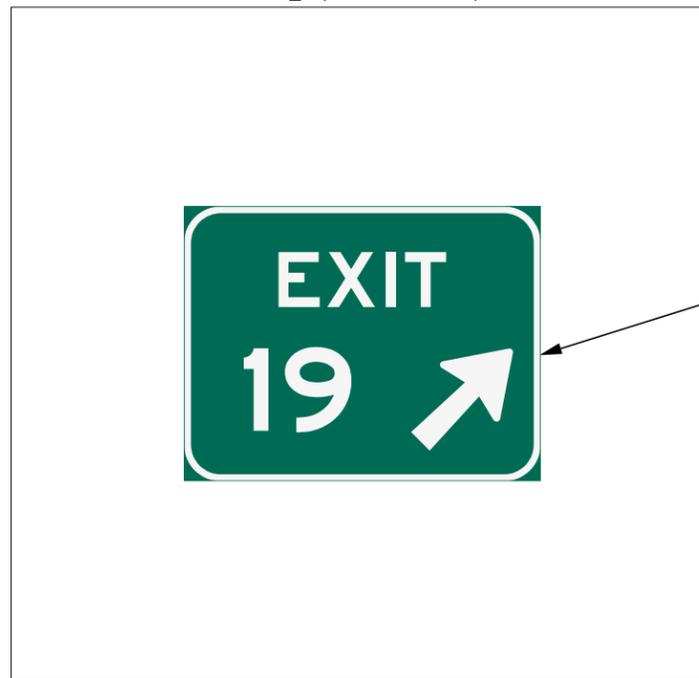
EXISTING GM I-95 MM 19.39_N (MTA SGN 40352) SIGN FACE



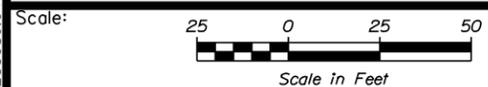
REMOVE AND STACK EXISTING SIGN

RETAIN EXISTING SIGN SUPPORTS

PROPOSED GM I-95 MM 19.39_N (MTA SGN6303) SIGN FACE



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



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GM I-95 MM 19.39_N

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS			
	By	Date	
Designed	MLG	01-2019	Checked MDS 01-2019
Drawn	JAR	01-2019	In Charge of MDS 01-2019

MTA PROJECT MANAGER: R. NORWOOD, IV

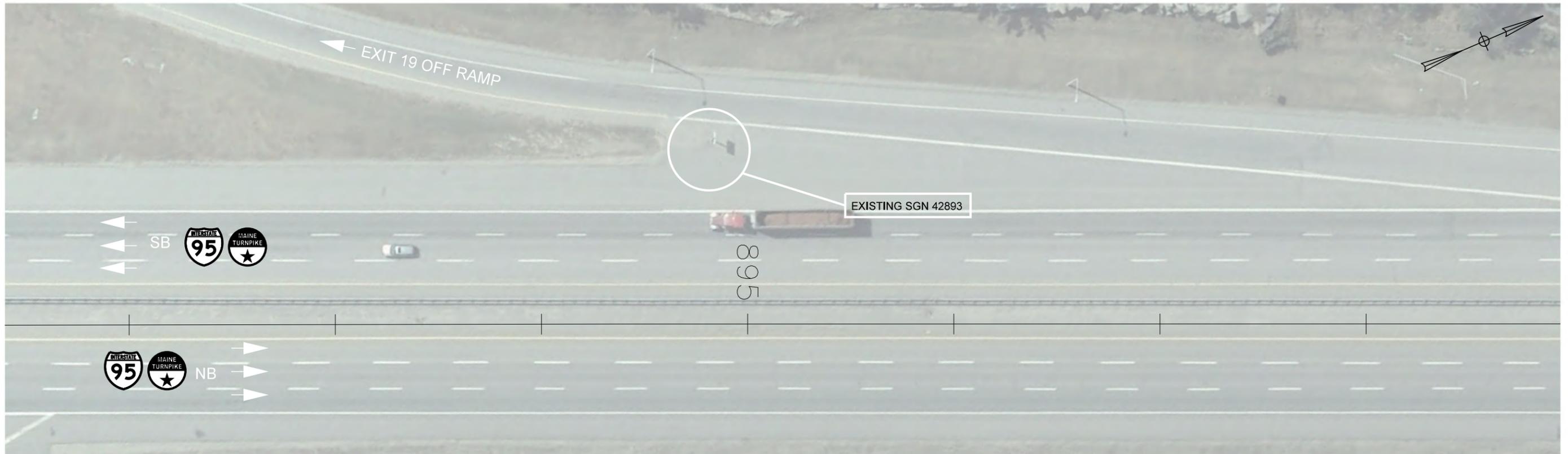
CONTRACT: 2019.03

SHEET NUMBER: 69

69 OF 80

Filename: ...067_55086_04_Sign_052.dgn

Date: 2/8/2019



EXISTING GM I-95 MM 19.43_S (MTA SGN 42893) SIGN FACE

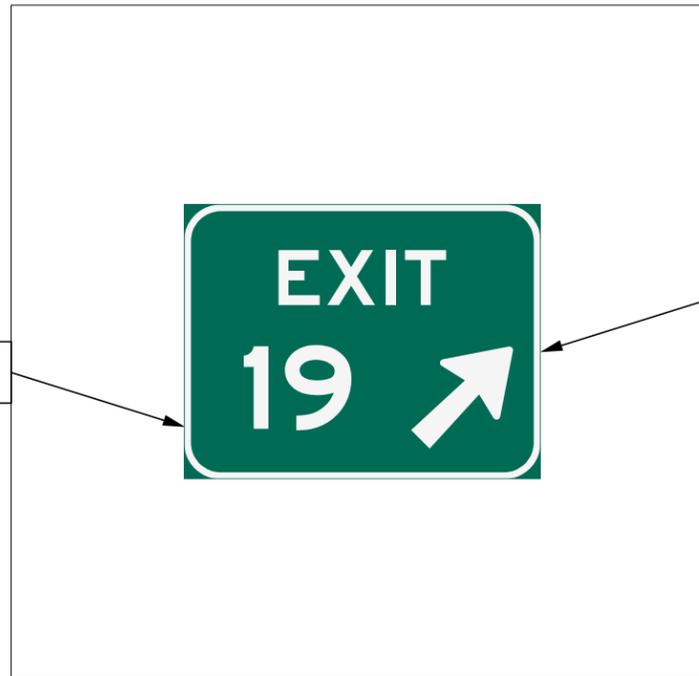


REMOVE AND STACK EXISTING SIGN

RESET EXISTING WRONG WAY SIGN ON BACK OF NEW GORE SIGN

RETAIN EXISTING SIGN SUPPORTS

PROPOSED GM I-95 MM 19.43_S (MTA SGN6302) SIGN FACE



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

Filename: ...068_55086_04_Sign_053.dgn



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MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE IV

GM I-95 MM 19.43_S

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2019.03

SHEET NUMBER: 70

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Date: 2/8/2019



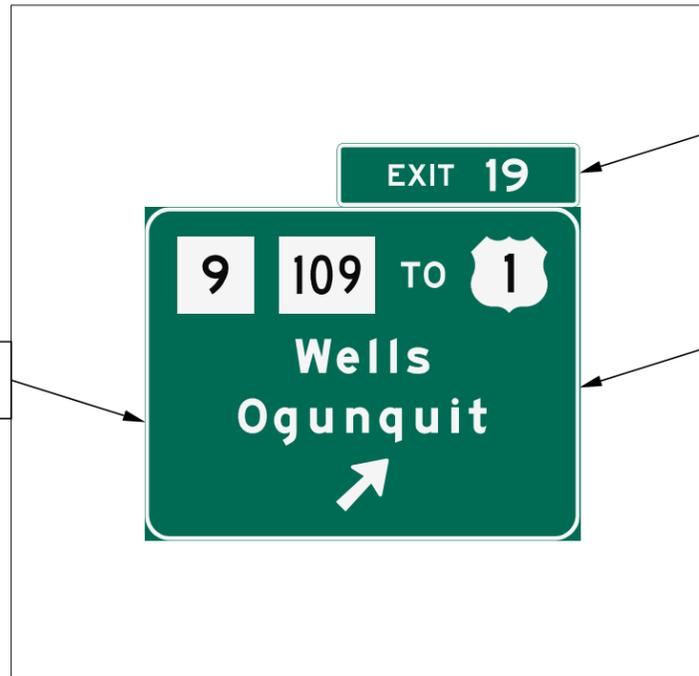
EXISTING GM I-95 MM 19.58_S (MTA SGN 50888) SIGN FACE



REMOVE AND STACK EXISTING SIGNS
RETAIN EXISTING SIGN SUPPORTS

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

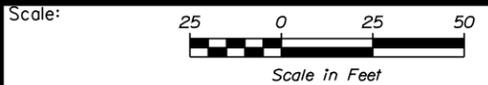
PROPOSED GM I-95 MM 19.58_S (MTA SGN6301) SIGN FACE



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

Filename: ...069_55086.04_Sign_054.dgn



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GM I-95 MM 19.58_S

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS			
By	Date	By	Date
Designed	MLG 01-2019	Checked	MDS 01-2019
Drawn	JAR 01-2019	In Charge of	MDS 01-2019

MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2019.03

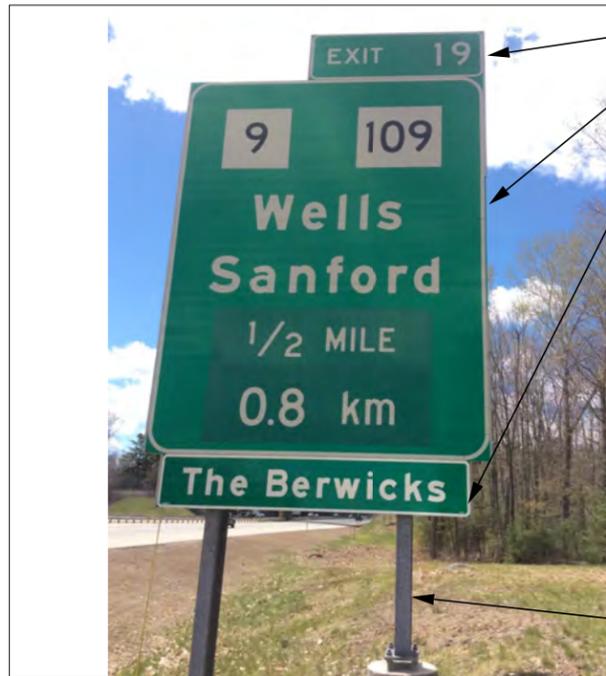
SHEET NUMBER: 71

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Date: 2/8/2019



EXISTING GM I-95 MM 20.06_S (MTA SGN 50885) SIGN FACE

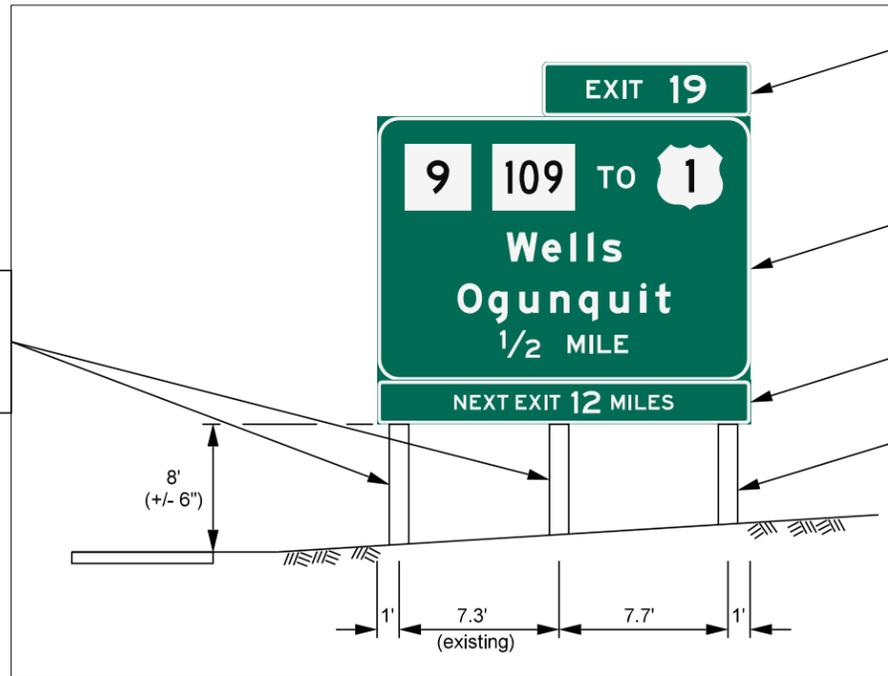


REMOVE AND STACK EXISTING SIGNS

TWO EXISTING POSTS SHALL BE FIELD CUT TO ONE INCH BELOW TOP OF NEW SIGN (APPROXIMATELY FOUR FEET). CONTRACTOR SHALL APPLY SPRAY GALVANIZING TO THE CUT AND/OR DAMAGED AREAS OF EXISTING TWO POSTS.

RETAIN EXISTING SIGN SUPPORTS AND FOUNDATIONS

PROPOSED GM I-95 MM 20.06_S (MTA SGN6298) SIGN FACE

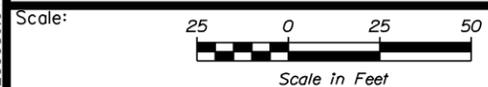


INSTALL EXIT PANEL ON THE TOP OF THE GUIDE SIGN WITH THE RIGHT EDGES ALIGNED

INSTALL NEW SIGN ON NEW AND EXISTING SUPPORTS

INSTALL SUPPLEMENTAL PLAQUE BELOW PRIMARY SIGN

INSTALL ONE W14X30 H-BEAM POST WITH FOUNDATION



No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

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MTA PROJECT MANAGER: R. NORWOOD, IV

MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE IV

GM I-95 MM 20.06_S

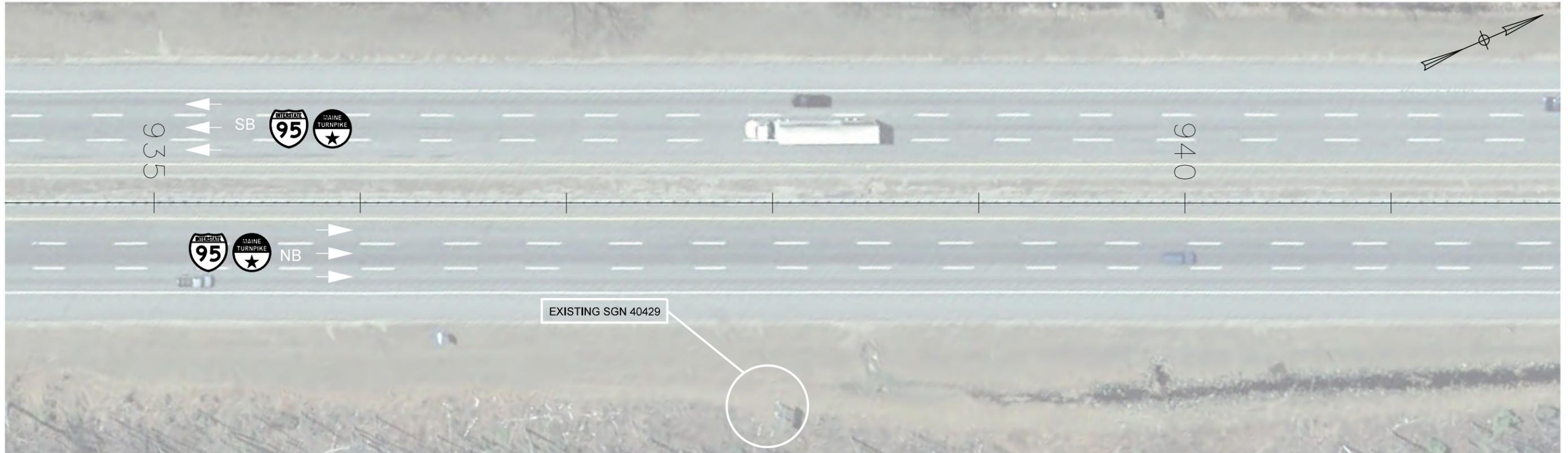
CONTRACT: 2019.03

SHEET NUMBER: 72

72 OF 80

Filename: ... \070_55086_04_Sign_055.dgn

Date: 2/8/2019



EXISTING GM I-95 MM 20.26_N (MTA SGN 40429) SIGN FACE

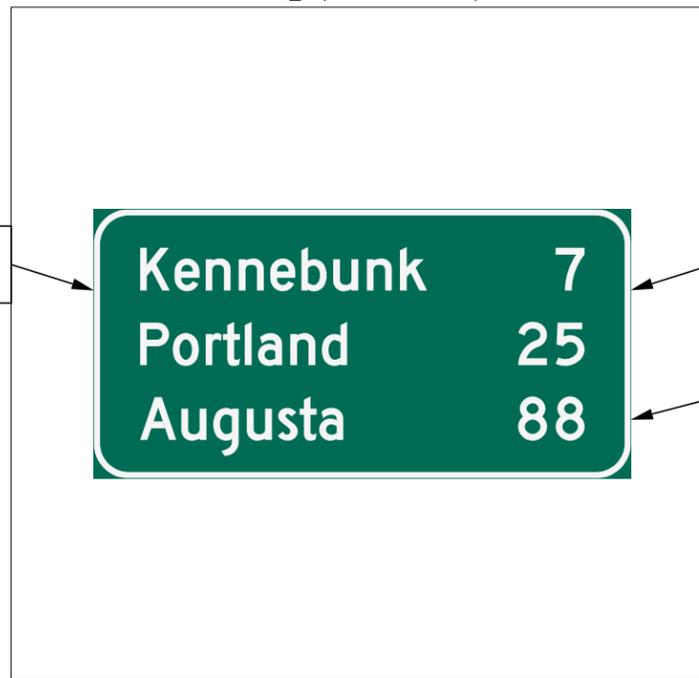


REMOVE AND STACK EXISTING SIGN

RETAIN EXISTING SIGN SUPPORTS AND FOUNDATIONS

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

PROPOSED GM I-95 MM 20.26_N (MTA SGN6297) SIGN FACE



INSTALL 4-3' PANEL SUPPORTS TO PROVIDE SUPPORT FOR THE LENGTH OF THE SIGN THAT EXTENDS BEYOND THE EXISTING POSTS

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



No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS

	By	Date	By	Date	
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

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

MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE IV

GM I-95 MM 20.26_N

CONTRACT: 2019.03

SHEET NUMBER: 73

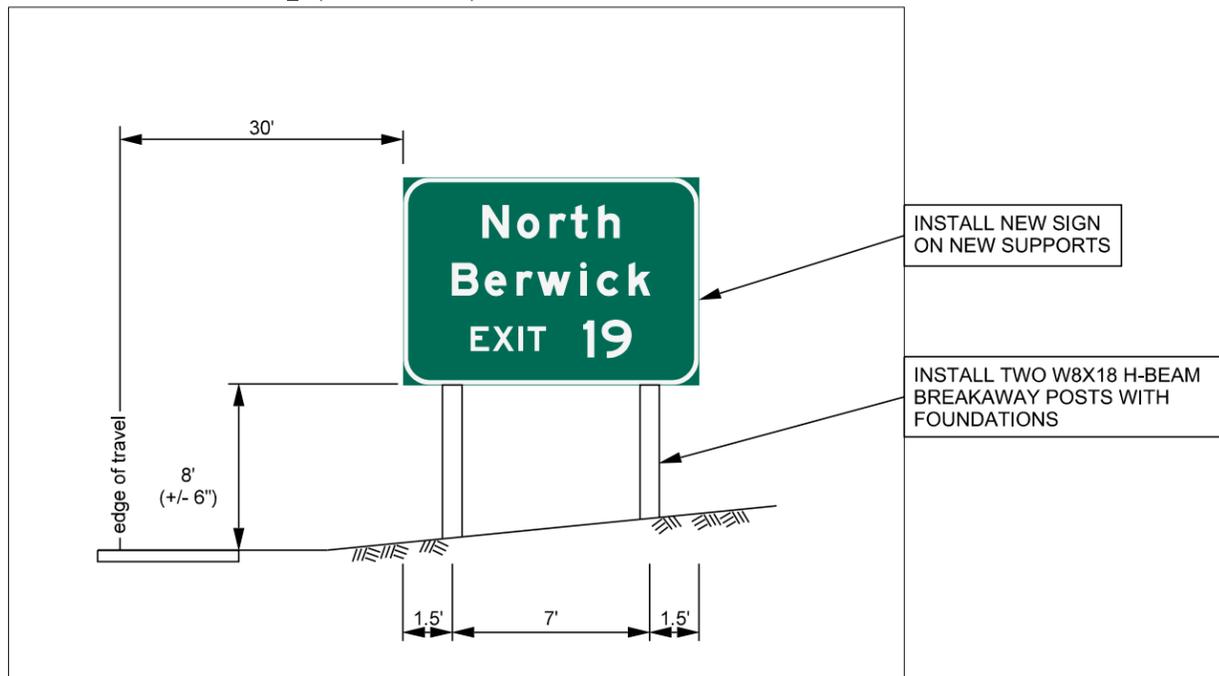
73 OF 80

Filename: ... \071_55086_04_Sign_056.dwg

Date: 2/8/2019



PROPOSED GM I-95 MM 20.44_S (MTA SGN 6295) SIGN FACE



Filename: ...072_55086_04_Sign_058.dgn



No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: MDS					
Designed	By	Date	Checked	By	Date
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

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

MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE IV

GM I-95 MM 20.44_S

CONTRACT: 2019.03

SHEET NUMBER: 74

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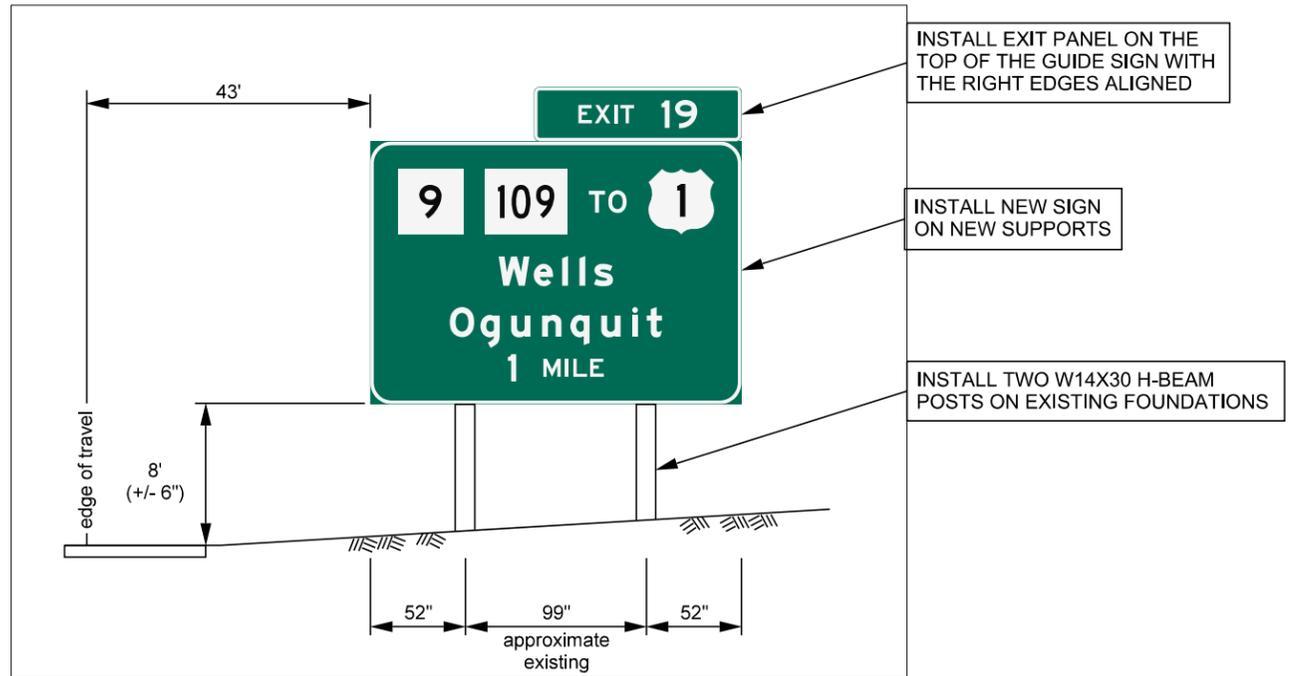
Date: 2/8/2019



EXISTING GM I-95 MM 20.61_S (MTA SGN 50882) SIGN FACE



PROPOSED GM I-95 MM 20.61_S (MTA SGN6294) SIGN FACE



Filename: ... \073_55086_04_Sign_059.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	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

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MTA PROJECT MANAGER: R. NORWOOD, IV

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

GM I-95 MM 20.61_S

SHEET NUMBER: 75
CONTRACT: 2019.03
75 OF 80

Date: 2/8/2019



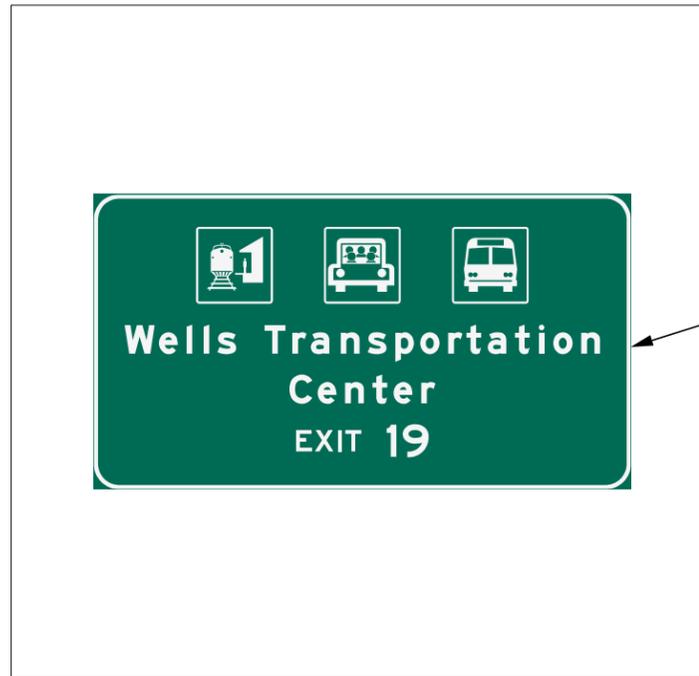
EXISTING GM I-95 MM 21.01_S (MTA SGN 50879) SIGN FACE



REMOVE AND STACK EXISTING SIGNS

RETAIN EXISTING SIGN SUPPORTS

PROPOSED GM I-95 MM 21.01_S (MTA SGN6293) SIGN FACE



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

Filename: ... \073a_55086.04_Sign_060.dgn



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MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE IV

GM I-95 MM 21.01_S

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2019.03

SHEET NUMBER: 76

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Date: 2/8/2019



EXISTING GM I-95 MM 21.21_S (MTA SGN 50877) SIGN FACE



REMOVE AND STACK EXISTING SIGN

RETAIN EXISTING SUPPORTS AND FOUNDATIONS

PROPOSED GM I-95 MM 21.21_S (MTA SGN6292) SIGN FACE



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



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GUIDE SIGN MODIFICATIONS, PHASE IV

GM I-95 MM 21.21_S

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

MTA PROJECT MANAGER: R. NORWOOD, IV

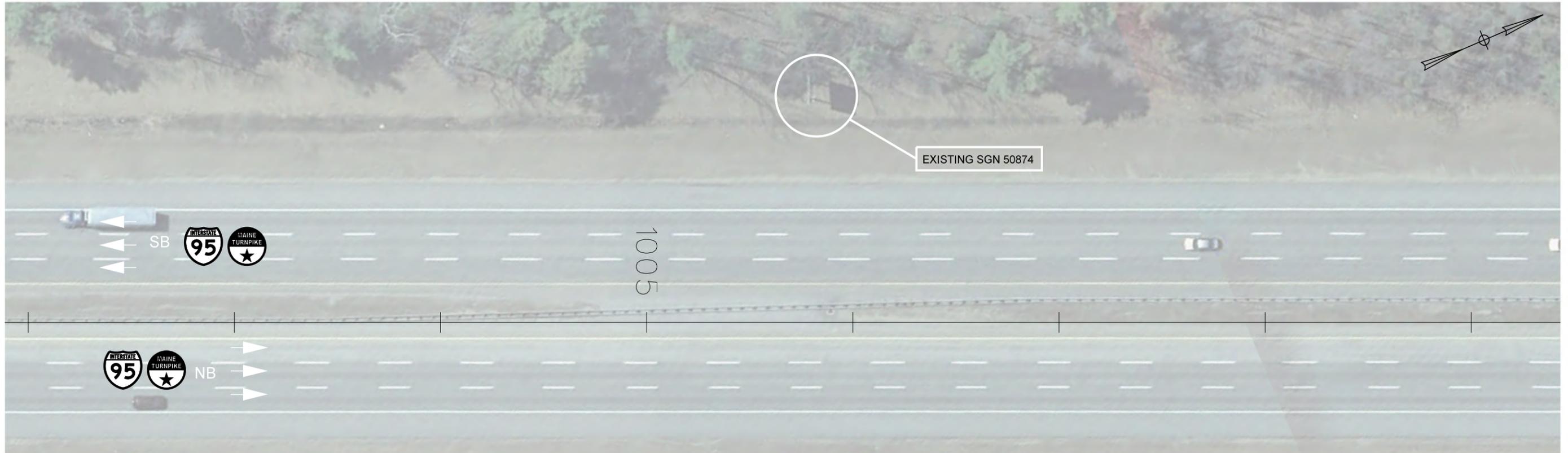
CONTRACT: 2019.03

SHEET NUMBER: 77

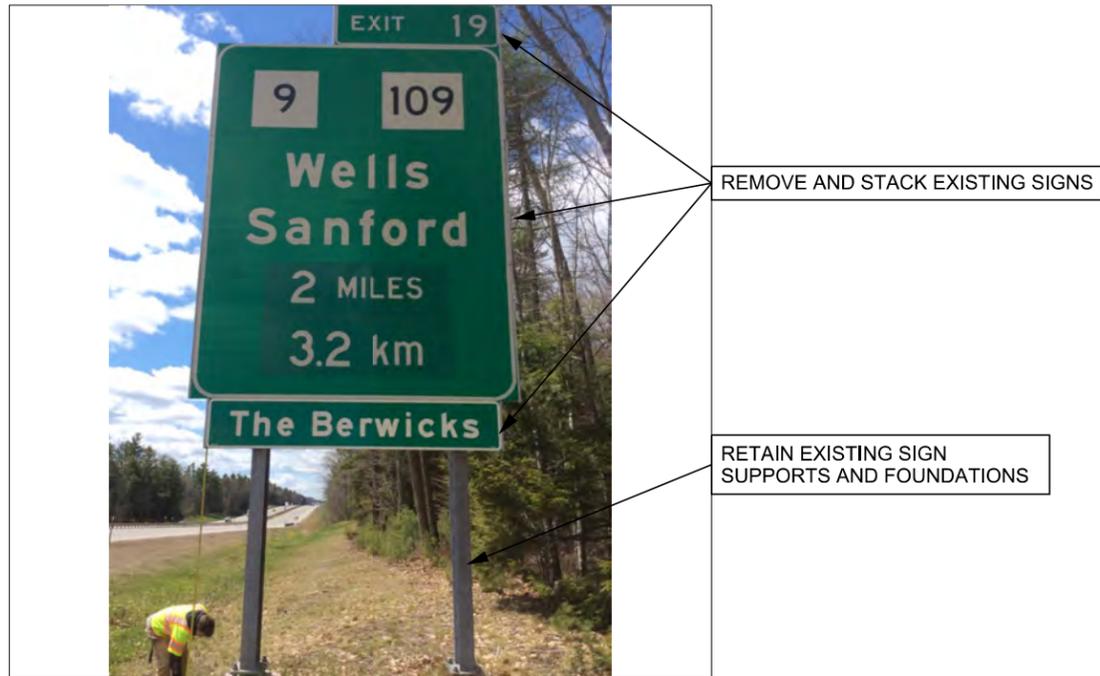
77 OF 80

Filename: ...074_55086.04_Sign_061.dgn

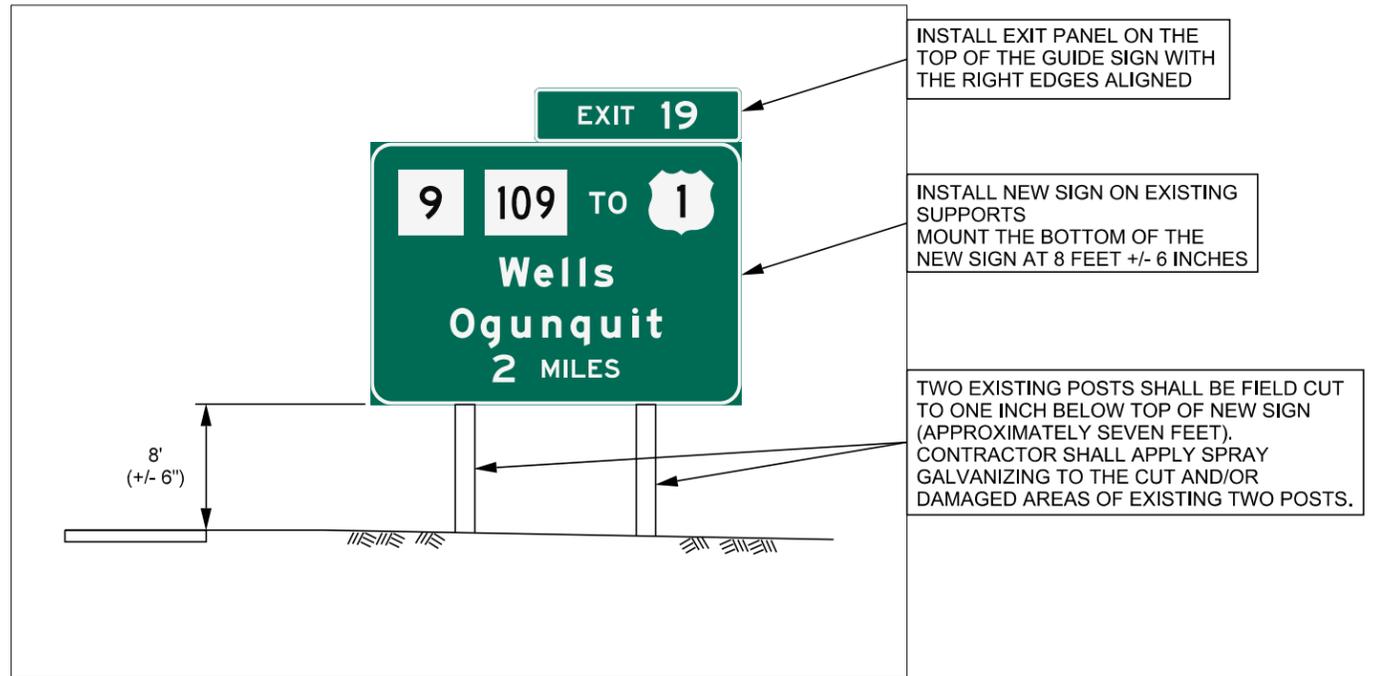
Date: 2/8/2019



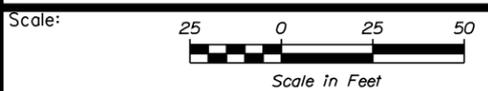
EXISTING GM I-95 MM 21.54_S (MTA SGN 50874) SIGN FACE



PROPOSED GM I-95 MM 21.54_S (MTA SGN6291) SIGN FACE



Filename: ... \075_55086_04_Sign_062.dgn



Designed by:

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS

By	Date	By	Date
Designed MLG	01-2019	Checked MDS	01-2019
Drawn JAR	01-2019	In Charge of MDS	01-2019

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THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD, IV

MAINE TURNPIKE
 GUIDE SIGN MODIFICATIONS, PHASE IV

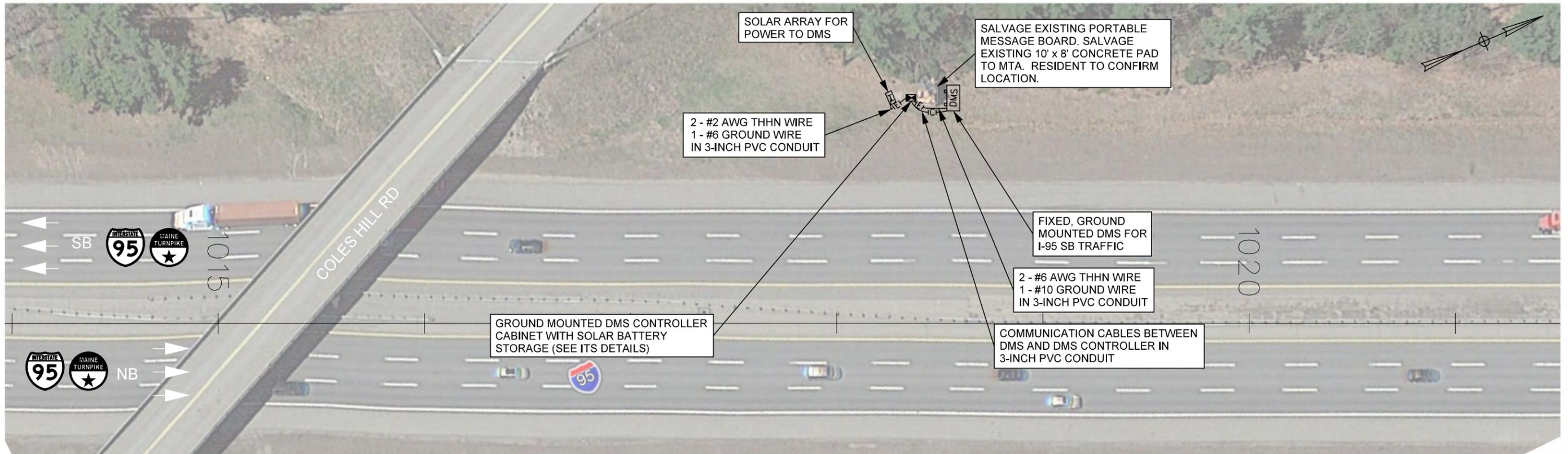
GM I-95 MM 21.54_S

SHEET NUMBER: 78

CONTRACT: 2019.03

78 OF 80

Date: 2/8/2019

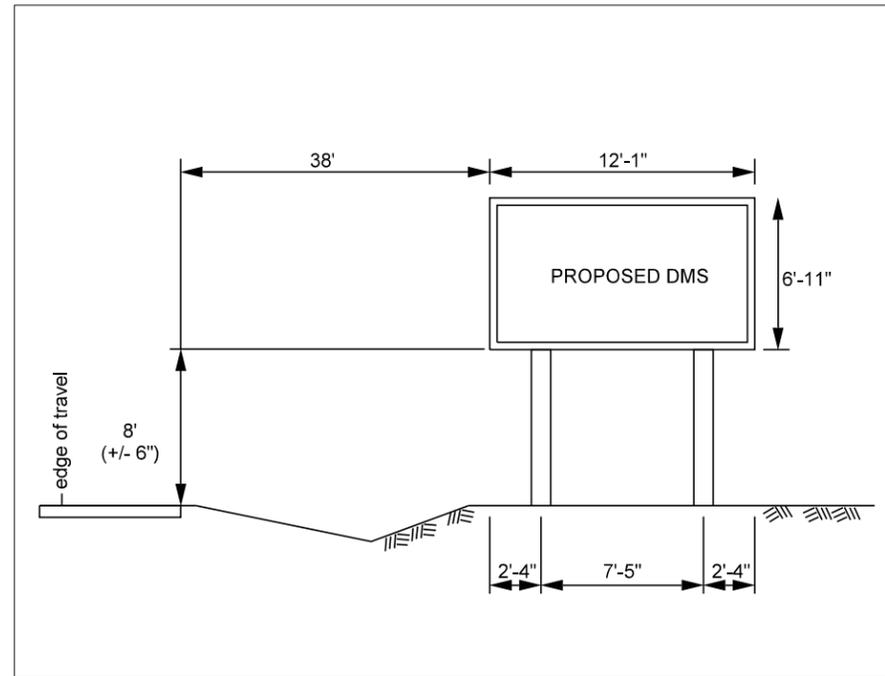


EXISTING PCMS I-95 MM 21.78_S



SALVAGE EXISTING PORTABLE MESSAGE BOARD (BY OTHERS)

PROPOSED DMS I-95 MM 21.78_S



ITS DEVICE LEGEND	
	- DYNAMIC MESSAGE SIGN (SEE ITS DETAILS)
	- DMS CONTROLLER CABINET (SEE ITS DETAILS)
	- SOLAR ARRAY
	- ELECTRICAL CONDUIT
	- DMS COMMUNICATIONS CONDUIT



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THE GOLD STAR
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MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE IV

ITS DEVICE PLAN 2
DMS I-95 MM 21.78_S

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2019.03

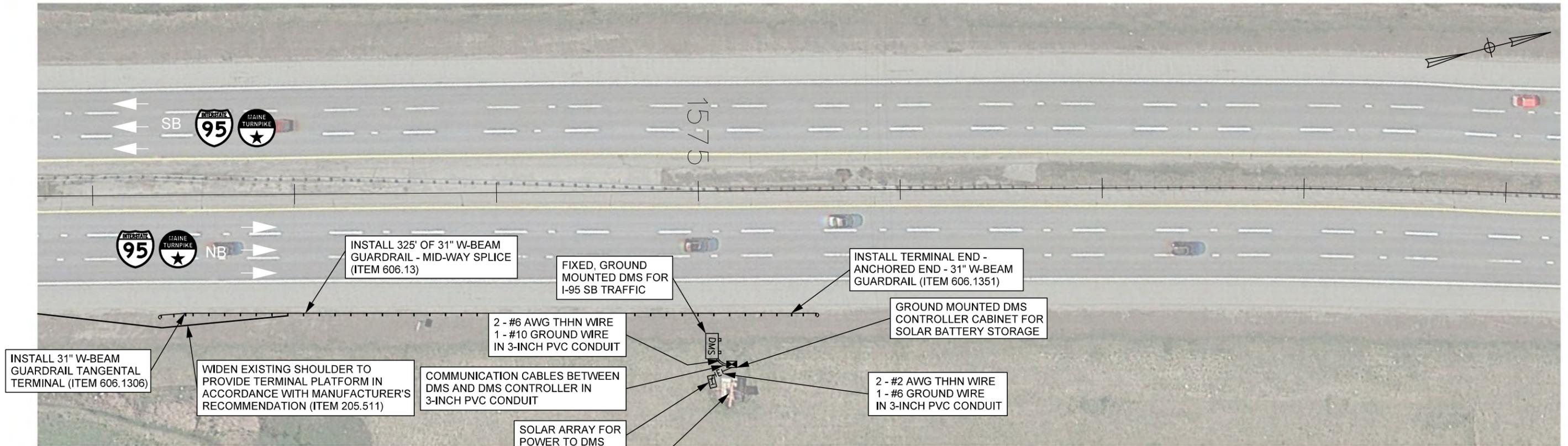
SHEET NUMBER: 79

79 OF 80

Filename: \\076_55086_04_Sign_062a.dgn

Date: 2/13/2019

Filename: ...094_55086_04_Sign_084b.dgn

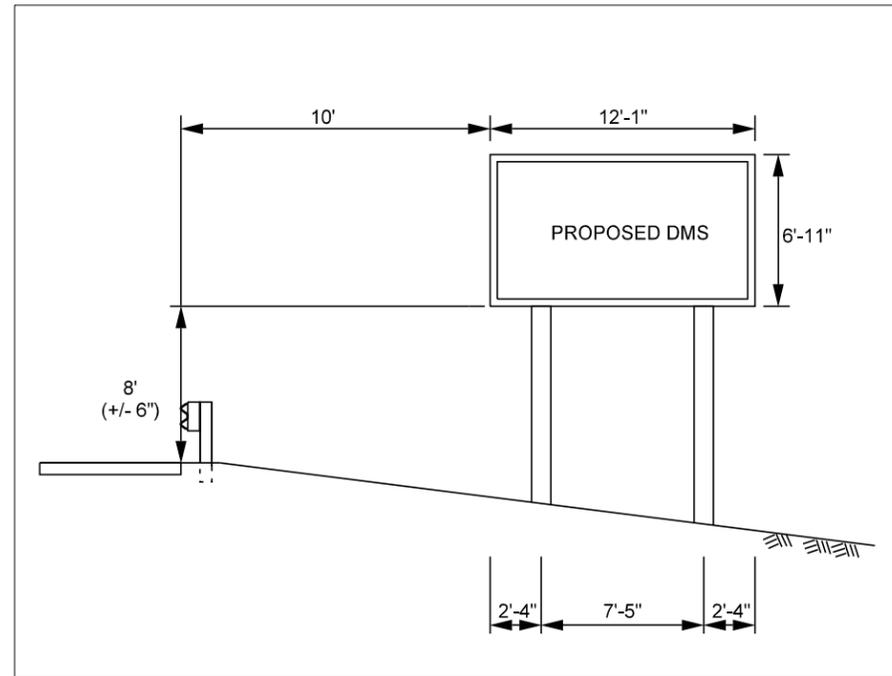


EXISTING PCMS I-95 MM 32.52_N



SALVAGE EXISTING PORTABLE MESSAGE BOARD (BY OTHERS)

PROPOSED DMS I-95 MM 32.52_N



ITS DEVICE LEGEND	
	- DYNAMIC MESSAGE SIGN (SEE ITS DETAILS)
	- DMS CONTROLLER CABINET (SEE ITS DETAILS)
	- SOLAR ARRAY
	- ELECTRICAL CONDUIT
	- DMS COMMUNICATIONS CONDUIT



Designed by:



Vanasse Hangen Brustlin, Inc.
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Suite 105B
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FAX (207) 253-5596



THE GOLD STAR
MEMORIAL HIGHWAY

MAINE TURNPIKE
GUIDE SIGN MODIFICATIONS, PHASE IV

ITS DEVICE PLAN 3
DMS I-95 MM 32.52_N

SHEET NUMBER: 80

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: MDS					
	By	Date		By	Date
Designed	MLG	01-2019	Checked	MDS	01-2019
Drawn	JAR	01-2019	In Charge of	MDS	01-2019

MTA PROJECT MANAGER: R. NORWOOD, IV

CONTRACT: 2019.03

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