

THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

McCrary, Donald Date: 2025.09.04

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GRESHAM SMITH 222 2ND AVE SOUTH NASHVILLE, TN 37201 DONALD MCCRARY, P.E. NO. 110730

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE OF TENN. CODE ANN. §62-2-306.

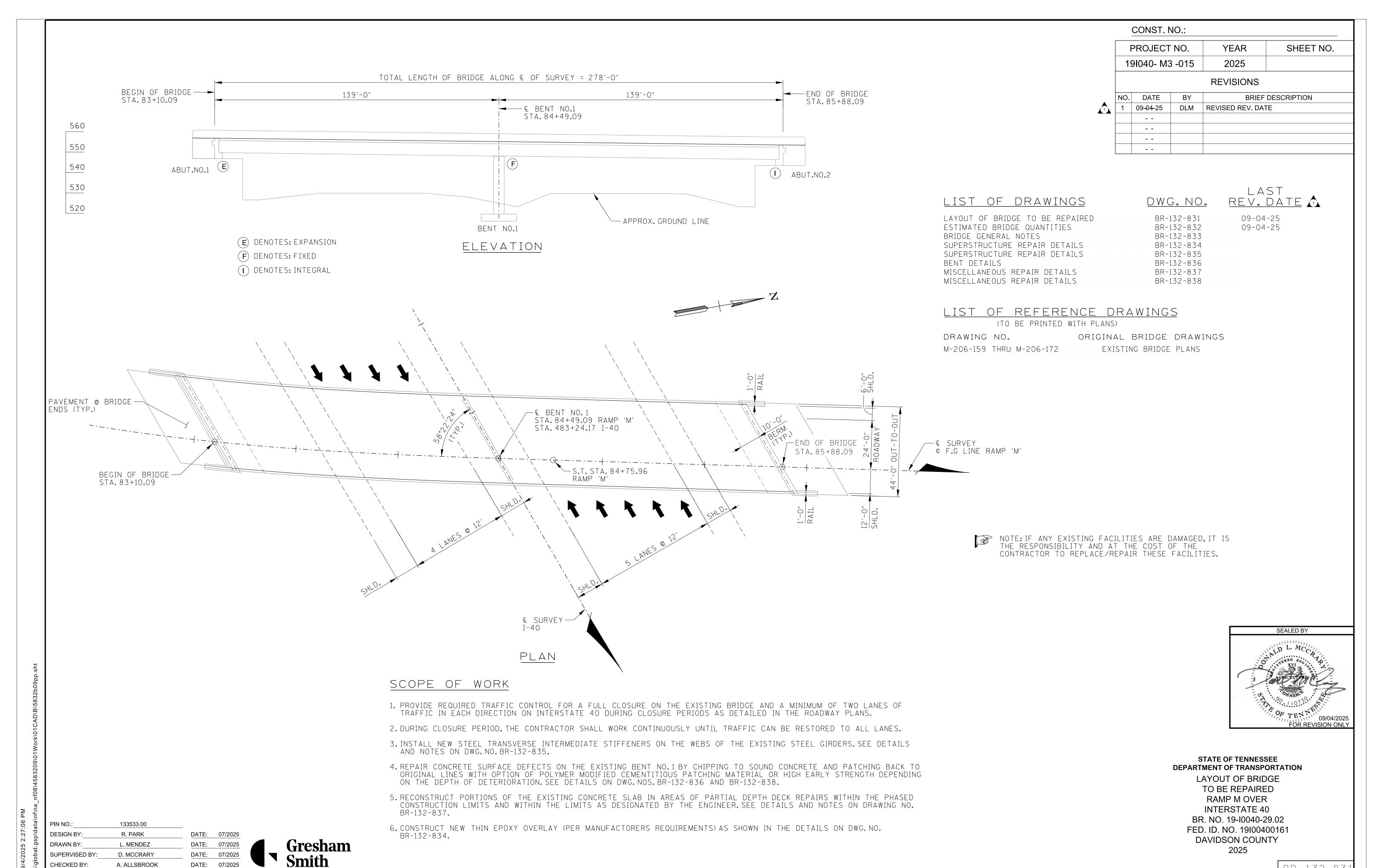
SHEET NAME	SHEET NO.
SIGNATURE SHEET	BRIDGE-SIGN2
LAYOUT OF BRIDGE TO BE REPAIRED	BR-132-831
ESTIMATED BRIDGE QUANTITIES	BR-132-832

YEAR	PROJECT NO.	SHEET NO.
2025	19I040-M3-015	BRIDGE - SIGN 2

REV. 09/04/25: SHEET ADDED

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET



BR-132-831

-	ESTIMATED BRIDGE QUANTITIES			
-	ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
(1)	602-10.32	STRUCTURAL STEEL (REPAIRS)	LB.	7473
(2)	604-10.05*	CONCRETE	S.F.	6
<b>(3)</b>	604-10.50*	BRIDGE DECK REPAIRS (PARTIAL DEPTH OF SLAB)	S.Y.	15
(4)	604-10.54*	CONCRETE REPAIRS	S.F.	6
(5)	617-04.01	TYPE 1 THIN EPOXY OVERLAY (EPOXY-URETHANE)	S.Y.	417

<sup>\*</sup> DENOTES: ITEM CAN BE INCREASED, DECREASED, OR ELIMINATED AS DIRECTED BY THE ENGINEER.

## FOOTNOTES:

- (1) INCLUDES ALL LABOR AND MATERIALS FOR INSTALLATION AND PAINTING OF NEW STRUCTURAL STEEL STIFFENERS AS SHOWN ON THE PLANS. PREPARATION OF EXISTING STEEL SURFACE REPAIR LOCATIONS TO BE INCLUDED IN ITEM NO. 602-10.32. REPAIR AREAS SHALL BE MARKED AND QUANTIFIED FOR APPROVAL BY THE ENGINEER PRIOR TO BEGINNING OF THE WORK. SEE DWG. NO. BR-132-835
- (2) INCLUDES ALL LABOR AND MATERIALS TO PLACE HIGH EARLY STRENGTH CONCRETE FOR REPAIR AREAS AS NOTED IN THE PLANS. SEE DWG. NOS. BR-132-836 AND BR-132-838 FOR DETAILS.
- (3) INCLUDES ALL COSTS FOR PARTIAL DEPTH CONCRETE DECK REPAIRS AT LOCATIONS DESIGNATED BY THE ENGINEER. FOR DETAILS, SEE DWG. NO. BR-132-837.
- (4) INCLUDES ALL LABOR AND MATERIALS TO PLACE A POLYMER MODIFIED CEMENTITIOUS STRUCTURAL PATCHING MATERIAL FOR REPAIR AREAS AS NOTED IN THE PLANS. SEE DWG. NOS. BR-132-836 AND BR-132-838 FOR DETAILS.
- (5) INCLUDES COST OF ALL LABOR AND MATERIALS NECESSARY TO PLACE A TYPE I THIN OVERLAY (EPOXY-URETHANE) TO THE BRIDGE DECK FOR THE FULL LENGTH OF THE BRIDGE. FOR DETAILS, SEE DWG. NO. BR-132-834 AND THE TDOT QUALIFIED PRODUCTS LIST 23 SECTION 02.

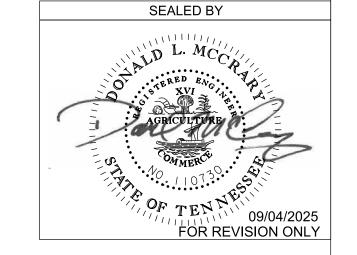
040- M3 -015		2025			
REVISIONS					
DATE	BY	BRIEF DESCRIPTION			
09-04-25	DLM	REVISED QUANTITY			

YEAR

SHEET NO.

CONST. NO.:

PROJECT NO.



STATE OF TENNESSEE **DEPARTMENT OF TRANSPORTATION ESTIMATED BRIDGE** 

QUANTITIES RAMP M OVER **INTERSTATE 40** BR. NO. 19-I0040-29.02 FED. ID. NO. 19100400161 DAVIDSON COUNTY

2025