

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	CSSTP-M003-00(736)	11	23

STEEL BEAM REPAIR CONSISTS OF

HEAT STRAIGHTENING AND REPAIR TO STRUCTURAL MEMBERS ----- SPECIAL DESIGN
 TRAFFIC CONTROL DETAIL ----- GA. STD. 9102 (7-99)

GENERAL NOTES

SPECIFICATIONS - GEORGIA STANDARD SPECIFICATIONS, 2001 EDITION, AND 2008 SUPPLEMENTAL SPECIFICATIONS AS MODIFIED BY CONTRACT DOCUMENTS.

CHAMFER - CHAMFER ALL EXPOSED CONCRETE EDGES $\frac{3}{4}$ " UNLESS OTHERWISE NOTED.

EXISTING BRIDGE PLANS - ORIGINAL BRIDGE PLANS MAY BE PURCHASED BY CONTACTING THE PLANS REPRODUCTION OFFICE AT (404) 347-0530. THE ORIGINAL BRIDGE WAS BUILT UNDER PROJECT NUMBER F.I.484(3).

DIMENSIONS AND ELEVATIONS - VERIFY ALL DIMENSIONS AND ELEVATIONS IN THE FIELD PRIOR TO ORDERING MATERIALS OR BUILDING FORMS.

WELDING - ALL WELDING ON GEORGIA DOT PROJECTS SHALL BE PERFORMED BY CERTIFIED WELDERS THAT HAVE IN THEIR POSSESSION A CURRENT WELDING CERTIFICATION CARD ISSUED BY THE OFFICE OF MATERIALS AND RESEARCH. USE ONLY E70XX (EXCLUDING E7014 AND E7024) LOW HYDROGEN ELECTRODES FOR MANUAL SHIELDED METAL ARC WELDING.

SALVAGE MATERIAL - NO MATERIAL REMOVED FROM THE EXISTING STRUCTURE SHALL BE SALVAGED FOR USE BY THE GEORGIA DOT.

INCIDENTAL ITEMS - INCLUDE THE COST INCIDENTAL TO THE WORK THAT IS NOT SPECIFICALLY COVERED BY THE GEORGIA STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS AND/OR SPECIAL PROVISIONS IN THE OVERALL BID SUBMITTED. THIS INCLUDES THE COST OF CLEANING AND BENDING OF EXISTING REINFORCEMENT, WATERPROOFING, JOINT FILLERS, AND OTHER INCIDENTAL ITEMS NECESSARY TO COMPLETE THE WORK.

TRAFFIC CONTROL - GA. STD. 9102 SHALL BE USED TO DIVERT TRAFFIC UNDER THE BRIDGE.

RESTRICTED TRAFFIC - THE OFFICE OF PERMITS AND ENFORCEMENT (404-651-9146) SHALL BE CONTACTED 14 DAYS PRIOR TO LANE CLOSURE SO THAT MOBILE HOMES OR OTHER LARGE LOADS MAY BE REDIRECTED.

PRICE BID FOR TRAFFIC CONTROL - LUMP SUMP SHALL INCLUDE, BUT IS NOT LIMITED TO CONSTRUCTION, MAINTENANCE, AND REMOVAL OF TEMPORARY SIGNING AND PAVEMENT MARKINGS, BARRICADES, PRECAST CONCRETE MEDIAN BARRIERS, CHANNELIZING DEVICES, ETC. REQUIRED FOR MAINTENANCE OF TRAFFIC DURING CONSTRUCTION. ALL TEMPORARY SIGNING AND MARKING SHALL BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" CURRENT EDITION AND/OR AS DIRECTED BY THE DESIGNER.

SEQUENCE OF OPERATION - STAGE CONSTRUCTION WILL BE REQUIRED IN ORDER TO MAINTAIN TRAFFIC THROUGHOUT THE PROJECT. SEE "SPECIAL PROVISION SECTION 150 - TRAFFIC CONTROL".

UTILITIES - ANY DAMAGE THAT OCCURS TO EXISTING UTILITIES AS A RESULT OF BEAM REPAIR SHALL BE REPAIRED AT NO EXPENSE TO THE STATE. SEE GEORGIA SPECIFICATION SUB-SECTION 107.21.

PAINTING - ALL STRUCTURAL MEMBERS REQUIRING STRAIGHTENING AND/OR REPAIRS SHALL BE PAINTED USING SYSTEM II PAINT SYSTEM, ALL PAINTING WILL BE IN ACCORDANCE WITH SECTION 535 OF THE SUPPLEMENTAL SPECIFICATIONS. THE COST OF PAINTING SHALL BE INCLUDED IN THE OVER ALL BID.

SUMMARY OF QUANTITIES

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
999-0030	LUMP	LS	HEAT STRAIGHTENING AND REPAIR OF STRUCTURAL MEMBERS BM NO 1, SPAN NO 1, BR NO 2

EXISTING UTILITIES

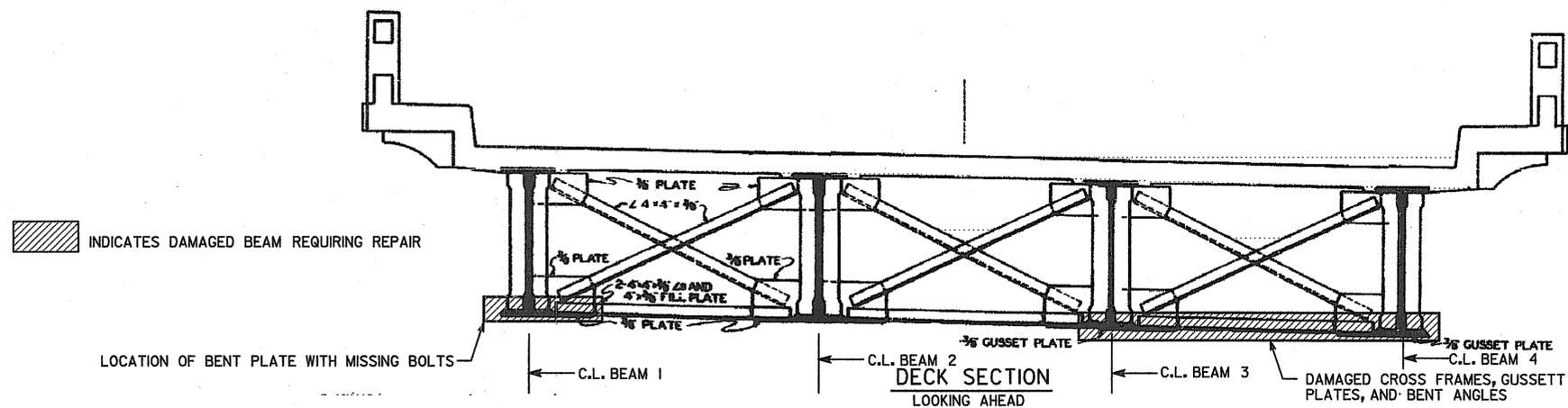
NONE

DAMAGE DESCRIPTION (FIELD VERIFIED)

- BETWEEN BEAMS. 3-4 - LOCALIZED DAMAGE, DAMAGED BOTTOM CROSS FRAME, BENT ANGLES AND GUSSET PLATES.
- BM. 1 - LOCALIZED DAMAGE, BENT PLATE WITH MISSING BOLTS.

NOTES:

- TYPICAL SECTION SHOWN IS FROM EXISTING DRAWING.
- BID ITEM 999-0030 INCLUDES HEAT STRAIGHTENING AND REPAIR OF DAMAGED BM.1, BENT PLATE AND REPLACEMENT OF MISSING $\frac{3}{8}$ " ASTM A307 BOLTS. THE COST OF REPAIRING AFFECTED CROSS FRAMES, BENT ANGLES AND CONNECTION PLATES NEAR BM. 4 TO BE INCLUDED IN THE BID ITEM 999-0030.



BRIDGE NO. 2

S&A **SASTRY & ASSOCIATES, INC.**
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GEORGIA
DEPARTMENT OF TRANSPORTATION
 OPERATIONS DIVISION-OFFICE OF MAINTENANCE

GENERAL NOTES
 STEEL BEAM REPAIR ON
 SR 3 (US 41 NBL) OVER SR 293 & CSX RR
 BARTOW COUNTY CSSTP-M003-00(736)

SCALE: NO SCALE
 DECEMBER 2008

DESIGNED DWV	CHECKED AS	REVIEWED CBB
DRAWN PS	DESIGN GROUP MAINTENANCE	APPROVED MLC

BRIDGE SHEET
2 OF 2