

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	M004576	5	7

FENDER CONSISTS OF

- 1 - FENDER SYSTEM REPAIR (MACKAY RIVER) ----- SPECIAL DESIGN
- 34 - FENDER PANEL ----- SPECIAL DESIGN
- 8 - 2-PILE CLUSTERS, 14" PSC PILES ----- SPECIAL DESIGN
- 6 - 3-PILE CLUSTERS, 14" PSC PILES ----- SPECIAL DESIGN
- NAVIGATIONAL LIGHTING SYSTEM REPAIR ----- SPECIAL DESIGN
- COMPOSITE MARINE TIMBER ----- SPECIAL DESIGN
- SQUARE PRESTRESSED CONCRETE PILES ----- GA STD 3215 (2-22-84)

WORK CONSISTS OF

MACKAY RIVER

1. REPLACE EXISTING FENDER SYSTEM PILES ACCORDING TO PLANS.
2. REPLACE TIMBER WALES, DECKING, AND CABLE WRAPS ACCORDING TO PLANS.
3. NAVIGATIONAL LIGHTING SYSTEM REPAIR
4. REPAIR CONCRETE PILE SPALL

UTILITIES

- 1 - TELEPHONE CONDUIT ----- AT&T
- 1 - ELECTRICAL CONDUIT ----- GLYNN COUNTY

GENERAL NOTES

SPECIFICATIONS - GEORGIA STANDARD SPECIFICATIONS, 2013 EDITION

EXISTING BRIDGE PLANS - ORIGINAL BRIDGE PLANS MAY BE PURCHASED BY SUBMITTING A REQUEST ON THE GEORGIA DOT WEBSITE AT:

HTTP://WWW.DOT.GA.GOV/DOINGBUSINESS/RESEARCH/PAGES/ROADDESIGNSEARCH.ASPX

THE ORIGINAL FENDER SYSTEM WAS BUILT UNDER PROJECT NUMBER BRFD-F-041-1(1) AND WAS REPAIRED UNDER PROJECT NUMBERS TCC-001(502), TCC-0000-00(504), TC-505-0-1, AND STP-0045(218).

DIMENSIONS AND ELEVATIONS - VERIFY ALL DIMENSIONS AND ELEVATIONS IN THE FIELD PRIOR TO ORDERING MATERIALS OR BUILDING FORMS. LIGHT LINES INDICATE THE EXISTING STRUCTURE AND HEAVY LINES INDICATE THE NEW STRUCTURE.

NAVIGATIONAL LIGHTING - DAMAGED PORTIONS OF THE NAVIGATIONAL LIGHTING SYSTEM SHALL BE REMOVED AND REPLACED AS PER THE 2001 GEORGIA STANDARD SPECIFICATIONS SECTION 529. ALL WORK INVOLVED IN REMOVING THE DAMAGED LIGHTING SYSTEM PARTS, FURNISHING AND INSTALLING THE NECESSARY ITEMS REQUIRED TO MAKE THE LIGHTING SYSTEM OPERATE SATISFACTORILY SHALL BE INCLUDED IN THE PRICE BID "LUMP NAVIGATIONAL LIGHTING, BRIDGE NO.1."

PLAN DRIVING OBJECTIVE - SEE FENDER SYSTEM DETAILS.

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. USE ONLY E70XX (EXCLUDING E7014 AND E7024) LOW HYDROGEN ELECTRODES FOR MANUAL SHIELDED METAL ARC WELDING.

INCIDENTAL ITEMS - INCLUDE THE COST INCIDENTAL TO THE WORK THAT IS NOT SPECIFICALLY COVERED BY THE GEORGIA STANDARD SPECIFICATIONS AND/OR SPECIAL PROVISIONS IN THE OVERALL BID SUBMITTED. THIS INCLUDES THE COST OF REPLACING CABLE WRAPS, BOLTS, NUTS, WASHERS, AND OTHER INCIDENTAL ITEMS NECESSARY TO COMPLETE THE WORK.

HIGH PERFORMANCE CONCRETE (HPC) - PRESTRESSED CONCRETE PILES FOR THE FENDER SYSTEM UTILIZE HIGH PERFORMANCE CONCRETE. SPECIAL REQUIREMENTS ARE REQUIRED AS DETAILED IN SPECIAL PROVISIONS SECTIONS 500 AND 865. HPC PILES WILL BE PAID FOR AS "PILING, PSC."

PATCHING OF PILING - THE PATCHING OF CONCRETE PILING ABOVE THE HIGH WATERLINE CAN BE COMPLETED WITH PORTLAND CEMENT CONCRETE. PATCHING OF CONCRETE PILING BELOW HIGH WATERLINE WILL REQUIRE THE USE OF RAPID SETTING EXPOXY ADHESIVES.

SUMMARY OF QUANTITIES

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
△ 151-1000		LUMP LS	MOBILIZATION
170-1000	300	LF	FLOATING SILT RETENTION BARRIER
502-1300	5264	LF	BRIDGE TIMBER, COMPOSITE MARINE, 10 IN X 10 IN
502-1400	7	MBM	PLASTIC BRIDGE TIMBER
520-2214	1980	LF	PILING, PSC, 14 IN SQ
521-3000	5	SF	PATCHING CONCRETE BRIDGE
529-1000		LUMP LS	NAVIGATIONAL LIGHTING, BR NO - 1

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BRIDGE NO. 1									
GEORGIA DEPARTMENT OF TRANSPORTATION ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES									
GENERAL NOTES SR 25 SPUR EAST (TORRAS CAUSEWAY) OVER MACKAY RIVER FENDER SYSTEM REPAIRS GLYNN COUNTY M004576									
NO SCALE AUGUST 2013									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">DRAWING NO. 35-002</td> </tr> <tr> <td style="text-align: center;">BRIDGE SHEET 2 OF 4</td> </tr> </table>	DRAWING NO. 35-002	BRIDGE SHEET 2 OF 4	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">DESIGNED DLW</td> <td style="width: 33%;">CHECKED SWW</td> <td style="width: 33%;">REVIEWED WMD/DLC</td> </tr> <tr> <td>DRAWN DLW</td> <td>DESIGN GROUP SWW</td> <td>APPROVED BFR</td> </tr> </table>	DESIGNED DLW	CHECKED SWW	REVIEWED WMD/DLC	DRAWN DLW	DESIGN GROUP SWW	APPROVED BFR
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