

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	NH000-0111-01(024)	518	785

LEFT BRIDGE WIDENING CONSISTS OF

BARRIER REPLACEMENT ----- SPECIAL DESIGN  
 BAR BENDING DETAILS ----- GA. STD. 3901 (8-69)  
 CONCRETE BARRIERS - TEMPORARY ----- GA. STD. 4960 (5-10-07)  
 DETAILS OF PRECAST TEMPORARY BARRIERS ----- GA. STD. 4961 (9-8-06)  
 CHAIN LINK WIRE FENCE ----- GA. STD. 9031N (8-13-85)

RIGHT BRIDGE WIDENING CONSISTS OF

BARRIER REPLACEMENT ----- SPECIAL DESIGN  
 BAR BENDING DETAILS ----- GA. STD. 3901 (8-69)  
 CONCRETE BARRIERS - TEMPORARY ----- GA. STD. 4960 (5-10-07)  
 DETAILS OF PRECAST TEMPORARY BARRIERS ----- GA. STD. 4961 (9-8-06)  
 CHAIN LINK WIRE FENCE ----- GA. STD. 9031N (8-13-85)

TRAFFIC DATA

TRAFFIC ----- ADT = 60,160 (2018)  
 ----- ADT = 79,020 (2038)  
 DESIGN SPEED ----- 60 MPH  
 TRUCKS ----- 19 %  
 24 HR TRUCKS ----- 16 %  
 DIRECTIONAL ----- 65 %

EXISTING UTILITIES

TELEPHONE LINES ----- AT&T

GENERAL NOTES

SPECIFICATIONS - GEORGIA STANDARD SPECIFICATIONS, 2001 EDITION, AND 2008 SUPPLEMENTAL SPECIFICATIONS AS MODIFIED BY CONTRACT DOCUMENTS.  
 REINFORCING STEEL - PLACE AND TIE ALL REINFORCING STEEL IN ACCORDANCE WITH THE GEORGIA DOT SPECIFICATIONS. DO NOT WELD REINFORCING STEEL.  
 CHAMFER - CHAMFER ALL EXPOSED CONCRETE EDGES 3/4" UNLESS OTHERWISE NOTED.  
 PROTECTIVE PLATFORMS - PROVIDE PROTECTIVE PLATFORMS AT THIS SITE, SEE SECTION 510 OF THE GEORGIA DOT SPECIFICATIONS. MAINTAIN A MINIMUM VERTICAL CLEARANCE OF 22'-0" ABOVE CSX TRANSPORTATION.  
 TEMPORARY BARRIERS, METHOD I - PLACE TEMPORARY BARRIERS AS SHOWN ON THE PLANS AND GEORGIA STANDARD NOS. 4960 AND 4961 TO PROVIDE FOR 2- 12'-0" TRAFFIC LANES. SUPPLY AND USE THE BARRIER IN ACCORDANCE WITH SECTION 620 OF THE GEORGIA DOT SPECIFICATIONS. SEE ROADWAY PLANS FOR PAYMENT.  
 TRAFFIC CONTROLS - SEE ROADWAY PLANS FOR TRAFFIC CONTROLS AND TRAFFIC CONTROL PAYMENT.  
 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 BRIDGE WAS BUILT UNDER PROJECT NUMBER FU-111-1 (6) CT.2.  
 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.  
 EPOXY RESIN ADHESIVE - APPLY EPOXY RESIN ADHESIVE TYPE II TO ALL HARDENED CONCRETE SURFACES JUST PRIOR TO POURING THE CONCRETE FOR THE NEXT STAGE OF CONSTRUCTION, SEE SECTION 886 OF THE GEORGIA DOT SPECIFICATIONS. INCLUDE THE COST OF EPOXY ADHESIVE AND ITS APPLICATION IN THE OVERALL BID SUBMITTED.  
 EXISTING REINFORCEMENT - BEND EXISTING REINFORCEMENT TO BE UTILIZED IN NEW CONSTRUCTION IN A MANNER TO PROVIDE THE MAXIMUM LAP POSSIBLE OR AS SHOWN ON THE PLANS. THOROUGHLY CLEAN EXISTING REINFORCEMENT OF CONCRETE SCALE AND RUST BEFORE BONDING INTO NEW CONSTRUCTION.  
 EXISTING SLOPE PAVING - TAKE CARE TO PREVENT DAMAGING THE EXISTING SLOPE PAVING. REPAIR ANY DAMAGE THAT OCCURS TO THE SLOPE PAVING.  
 GROOVED CONCRETE - GROOVE THE ENTIRE LENGTH OF THE BRIDGE TRANSVERSELY AS PER SUB-SECTION 500.3.05.T.9.C OF THE GEORGIA DOT SPECIFICATIONS.  
 CHAIN LINK FENCE - CHAIN LINK FENCE SHALL BE PAID FOR AS "LF CH LK FENCE, ZC COAT, 6 FT, 9 GA"  
 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.  
 EXISTING BRIDGE JOINTS - CLEAN EXISTING BRIDGE EXPANSION JOINTS OF ALL DIRT, REFUSE, AND EXISTING SEALANT AS PER SUB-SECTION 461.3.05.A OF THE GEORGIA DOT SPECIFICATIONS. SEAL JOINTS AT BENTS 1 AND 4 USING SILICONE SEALANT (TYPE D) AS PER SUB-SECTIONS 461.3.05.C AND 833.2.06 OF THE GEORGIA DOT SPECIFICATIONS AND SEAL JOINTS AT BENTS 2 AND 3 USING PREFORMED SILICONE JOINT SEAL AS PER SUB-SECTION 449 OF THE SPECIAL PROVISION.  
 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, SAWCUTS, JOINT FILLERS, AND OTHER INCIDENTAL ITEMS NECESSARY TO COMPLETE THE WORK.

WIDENING DESIGN DATA

SPECIFICATIONS ----- AASHTO 17TH EDITION, 2002  
 (DESIGNED FOR SEISMIC PERFORMANCE CATEGORY A)  
 TYPICAL HS20-44 AND/OR MILITARY LOADING ----- IMPACT ALLOWED  
 FUTURE PAVING ALLOWANCE ----- 30 LBS PER SQ FT  
 CONCRETE: SUPERSTRUCTURE ----- CLASS AA, f'c = 3,500 PSI  
 BARRIER ----- CLASS AA, f'c = 3,500 PSI  
 REINFORCEMENT STEEL: ----- GRADE 60, fy = 60,000 PSI

SUMMARY OF QUANTITIES

PAY ITEM NUMBER	QUANTITIES		UNIT	PAY ITEM
	LEFT BRIDGE	RIGHT BRIDGE		
449-1350	98	---	LF	PREFORMED SILICONE JOINT SEAL, BR NO - I LT, BENTS 2-3
449-1350	---	102	LF	PREFORMED SILICONE JOINT SEAL, BR NO - I RT, BENTS 2-3
461-2000	98	---	LF	RESEALING BRIDGE JOINTS, TP-D, BR NO - I LT, BENTS 1&4
461-2000	---	102	LF	RESEALING BRIDGE JOINTS, TP-D, BR NO - I RT, BENTS 1&4
500-0100	50	50	SY	GROOVED CONCRETE
500-1006	LUMP	---	LS	SUPERSTR CONCRETE, CL AA, BR NO - I LT (25)
500-1006	---	LUMP	LS	SUPERSTR CONCRETE, CL AA, BR NO - I RT (25)
500-2100	179	179	LF	CONCRETE BARRIER
511-3000	LUMP	---	LS	SUPERSTR REINF STEEL, BR NO - I LT (7839)
511-3000	---	LUMP	LS	SUPERSTR REINF STEEL, BR NO - I RT (7839)
540-1202	LUMP	---	LS	REMOVAL OF PARTS OF EXISTING BR, BR NO - I LT
540-1202	---	LUMP	LS	REMOVAL OF PARTS OF EXISTING BR, BR NO - I RT
643-1152	177	177	LF	CH LK FENCE, ZC COAT, 6 FT, 9 GA

BRIDGE NO. I LT. & RT.

<b>McGee Partners, Inc.</b> www.mcgeepartners.com		
 <b>Heath &amp; Lineback Engineers</b> INCORPORATED 2390 CANTON ROAD, BUILDING 200 MARIETTA, GEORGIA 30066-5393 (770)424-1668		
STATE OF GEORGIA <b>DEPARTMENT OF TRANSPORTATION</b> ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES		
GENERAL NOTES SR 204 OVER CSX TRANSPORTATION CHATHAM COUNTY NH000-0111-01(024)		
SCALE: NO SCALE		JULY 2013
DESIGNED: BCB	CHECKED: KAK/MS	REVIEWED: WMD/DLC
DRAWN: BCB	DESIGN GROUP: YSK	APPROVED: BFR

DRAWING NO.  
35 - 002  
BRIDGE SHEET  
2 OF 5

DATE	REVISIONS