

GENERAL NOTES

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

SHOP DRAWINGS - WHEN SUBMITTING SHOP DRAWINGS FOR THIS PROJECT TO THE DOT, SUBMIT THEM TO THE OFFICE OF MAINTENANCE - BRIDGES.

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 3/8" UNLESS OTHERWISE NOTED.

TEMPORARY SHORING - INCLUDE THE COST OF TEMPORARY SHORING AS NECESSARY FOR BEAM REPAIR IN THE OVERALL BID SUBMITTED.

TEMPORARY BARRIERS, METHOD I - PLACE TEMPORARY BARRIERS IN STAGE I AND II AS SHOWN ON THE ROADWAY PLANS AND GEORGIA STANDARD NO. 4960. SUPPLY AND USE THE BARRIER IN ACCORDANCE WITH SECTION 622 OF THE GEORGIA DOT SPECIFICATIONS.

TRAFFIC CONTROLS - SEE ROADWAY PLANS FOR TRAFFIC CONTROLS AND TRAFFIC CONTROL PAYMENT.

EXISTING BRIDGE PLANS - ORIGINAL BRIDGE PLANS MAY BE PURCHASED BY CONTACTING THE PLANS REPRODUCTION OFFICE AT (404) 656-5401. THE ORIGINAL BRIDGE WAS BUILT UNDER PROJECT NUMBER 1-75-2 (33) 200 AND WAS WIDENED UNDER PROJECT NUMBER IR-75-2 (139).

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

PILE ENCASEMENT - PILES AT BENTS 2 AND 5 SHALL BE ENCASED IN CONCRETE UP TO ELEVATION 612.00. EXISTING PILE ENCASEMENTS AT BENTS 3 AND 4 SHALL BE EXTENDED TO 2'-0" MINIMUM BELOW EXISTING STREAM BED ELEVATION. ENCASEMENT SHALL BE IN ACCORDANCE WITH SECTION 547 OF THE GEORGIA DOT SPECIFICATIONS.

EXISTING INTERMEDIATE PILE BENT - CLEAN AND PAINT ALL EXISTING PILES AND SWAYBRACING IN ACCORDANCE WITH SECTIONS 520 AND 535 OF THE GEORGIA DOT SPECIFICATIONS. PAINT SHALL BE SYSTEM XI EXCEPT THE TOP COAT SHALL BE BLACK, FEDERAL STANDARD NO. 595 COLOR 27040.

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. WHERE EXISTING REINFORCEMENT TO BE RETAINED IN THE NEW CONSTRUCTION IS DAMAGED OR REMOVED, REPLACE WITH REINFORCEMENT OF THE SAME SIZE AND SPACING. WHERE APPLICABLE, ANCHOR BARS INTO EXISTING CONCRETE USING HILTI HY150 ADHESIVE ANCHOR SYSTEM OR EQUAL. PERFORM THIS WORK AT NO COST TO THE DEPARTMENT.

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.

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.

EXISTING BRIDGE JOINTS - CLEAN EXISTING BRIDGE EXPANSION JOINTS OF ALL DIRT, REFUSE, AND EXISTING SEALANT AND SEAL JOINTS USING LOW DENSITY POLYETHYLENE SEAL AS PER SECTION 449.2.D OF THE GEORGIA DOT SPECIFICATIONS. INCLUDE THE COST OF MATERIALS AND INSTALLATION IN THE PRICE BID FOR PAY ITEM 449.

SALVAGE MATERIAL - NO MATERIAL REMOVED FROM THE EXISTING STRUCTURE IS TO BE SALVAGED FOR USE BY THE GEORGIA DEPARTMENT OF TRANSPORTATION.

REMOVAL OF PARTS OF EXISTING BRIDGE - INCLUDE THE COST FOR REMOVAL OF PORTIONS OF EXISTING DECK SLAB, EDGE BEAMS AND ENDWALLS IN THE PRICE BID FOR ITEM 540 REMOVAL OF PARTS OF EXISTING BRIDGE.

CONCRETE CRACKS - SEAL CRACKS IN CONCRETE DECK AND APPROACH SLAB SURFACE IN ACCORDANCE WITH THE SPECIAL PROVISIONS, AS DIRECTED BY THE ENGINEER. INCLUDE THE COST IN THE PRICE BID FOR PAY ITEM 528 - EPOXY SEALING OF CONCRETE CRACKS.

BACKFILL OF APPROACH SLAB - BACKFILL ANY VOIDS UNDER THE APPROACH SLABS IN ORDER TO MEET SUBGRADE REQUIREMENTS AND ELEVATIONS PRIOR TO PLACING THE APPROACH SLAB SUBBASE. INCLUDE THE COST FOR THIS WORK IN THE OVERALL BID SUBMITTED.

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.

EXISTING RIP RAP - INCLUDE THE COST OF REMOVING, RELAYING, AND/OR REPLACING RIP RAP IN THE OVERALL BID SUBMITTED.

BEAM REPAIR - INCLUDE COST FOR ALL WORK ASSOCIATED WITH BEAM REPAIR IN THE PRICE BID FOR TWENTY-FOUR HOUR ACCELERATED STRENGTH CONCRETE.

DESIGN DATA

SPECIFICATIONS AASHTO 17TH EDITION 2002

TYPICAL HS20-44 AND/OR MILITARY LOADING IMPACT ALLOWED

CONCRETE: EDGE BEAMS..... 24 HOUR ACCELERATED STRENGTH $f'_c = 3,500$ PSI
 DECK OVERLAY... 24 HOUR ACCELERATED STRENGTH $f'_c = 3,500$ PSI

REINFORCEMENT STEEL GRADE 60, $f_y = 60,000$ PSI

SUMMARY OF QUANTITIES

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
449-1620	138	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO-1, BENT NO-1
449-1620	138	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO-1, BENT NO-2
449-1620	138	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO-1, BENT NO-3
449-1620	138	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO-1, BENT NO-4
449-1620	138	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO-1, BENT NO-5
449-1620	138	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO-1, BENT NO-6
500-0100	2100	SY	GROOVED CONCRETE
△ 501-2100	1800	LB	STR STEEL, SWAYBRACING
△ 504-0600	59	CY	TWENTY-FOUR HOUR ACCELERATED STRENGTH CONC
511-3000	LUMP	LS	SUPERSTR REINF STEEL, BR NO-1 (12,300)
519-0400	2160	SY	CONCRETE OVERLAY, PORTLAND CEMENT, VARB THK
528-0750	2500	LF	EPOXY SEALING OF CONCRETE CRACKS
540-1202	LUMP		REMOVAL OF PARTS OF EXISTING BR, BR NO-1
△ 547-2012	360	LF	PILE ENCASEMENT, 12 IN PILE

BRIDGE NO. 1LT. & RT.

JBT **J.B. Trimble, Inc.**
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GEORGIA
DEPARTMENT OF TRANSPORTATION
 OPERATIONS DIVISION-OFFICE OF MAINTENANCE

DISTRICT 3 BRIDGE REPAIR
 I-75 OVER CABIN CREEK
 GENERAL NOTES

BUTTS COUNTY CSNHS-M002-00(785)

SCALE: NO SCALE U.N.O. MAY 2006

REVISIONS	DATE
BY	DATE
GLE	06-26-06
PAY ITEMS	

BRIDGE SHEET
 2 OF 6

DESIGNED	MDT	CHECKED	GLE	REVIEWED	BFR
DRAWN	ITD	DESIGN GROUP	MAINTENANCE	APPROVED	BFR