

**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 3/4" UNLESS OTHERWISE NOTED.

CONCRETE REMOVAL - SEE SPECIAL PROVISIONS.

CONCRETE OVERLAY - SEE SPECIAL PROVISION - SECTION 519 - "FAST TRACK PORTLAND CEMENT CONCRETE OVERLAY WITH HYDRODEMOLITION".

PROTECTIVE PLATFORMS - PROVIDE PROTECTIVE PLATFORMS AT THIS SITE, SEE SECTION 510 OF THE GEORGIA DOT SPECIFICATIONS. MAINTAIN A MINIMUM VERTICAL CLEARANCE OF 16'-8" ON THE LEFT BRIDGE AND 16'-6" ON THE RIGHT BRIDGE ABOVE S.R. 87 (U.S. 23).

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 I-75-2 (27) 170.

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

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.

EXISTING BRIDGE JOINTS - CLEAN EXISTING BRIDGE CONSTRUCTION AND DUMMY JOINTS OF ALL DIRT, REFUSE, AND EXISTING SEALANT AS PER SUB-SECTIONS 461.3.05.A OF THE GEORGIA DOT SPECIFICATIONS. SEAL JOINTS USING SILICONE SEALANT (TYPE B, C OR D) AS PER SUB-SECTIONS 461.3.05.C AND 833.2.06 OF THE GEORGIA DOT SPECIFICATIONS. INCLUDE THE COST OF MATERIALS AND INSTALLATION IN THE OVERALL BID SUBMITTED.

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

PAINTING - CLEAN AND PAINT ANY AREAS WHERE THE PAINT SYSTEM OF THE EXISTING STRUCTURAL STEEL IS DAMAGED DURING CONSTRUCTION AS PER SECTION 535 OF THE GEORGIA DOT SPECIFICATIONS. PERFORM THIS WORK AT NO ADDITIONAL COST TO THE DEPARTMENT.

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

EXISTING UTILITIES - MAINTAIN AND PROTECT EXISTING UTILITIES AT ALL TIMES DURING CONSTRUCTION. INCLUDE THE COST FOR THIS WORK IN THE OVERALL BID SUBMITTED.

CONCRETE CRACKS - SEAL CRACKS IN THE CONCRETE OVERLAY SURFACE IN ACCORDANCE WITH THE SPECIAL PROVISIONS, AS DIRECTED BY THE ENGINEER, PRIOR TO GROOVING. INCLUDE THE COST IN THE PRICE BID FOR PAY ITEM 528 - EPOXY SEALING OF CONCRETE CRACKS.

EROSION CONTROL - FURNISH, INSTALL, MAINTAIN AND REMOVE THE EROSION CONTROL ITEMS REQUIRED BY THE ENGINEER TO FILTER RUN-OFF FROM HYDRO-DEMOLITION OPERATIONS. SUBMIT AN EROSION CONTROL PLAN TO THE ENGINEER FOR APPROVAL PRIOR TO BEGINNING CONSTRUCTION. INCLUDE THE COST FOR THIS WORK IN THE OVERALL BID SUBMITTED.

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.

**DESIGN DATA**

SPECIFICATIONS ----- AASHTO 2002  
 TYPICAL HS20-44 AND/OR MILITARY LOADING ----- IMPACT ALLOWED  
 FUTURE PAVING ALLOWANCE ----- NONE  
 CONCRETE: DECK OVERLAY... 24 HOUR ACCELERATED STRENGTH f'c = 3,500 PSI  
 BACKWALLS..... 24 HOUR ACCELERATED STRENGTH f'c = 3,500 PSI  
 REINFORCEMENT STEEL: ----- GRADE 60, fy = 60,000 PSI

**SUMMARY OF QUANTITIES**

PAY ITEM NUMBER	QUANTITIES		UNIT	PAY ITEM
	LEFT	RIGHT		
449-1620	50	100	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO-2, BENT NO-1
449-1620	50	--	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO-2, BENT NO-2
449-1620	50	--	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO-2, BENT NO-4
449-1620	50	100	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO-2, BENT NO-5
500-0100	727	747	SY	GROOVED CONCRETE
504-0600	--	4	CY	TWENTY-FOUR HOUR ACCELERATED STRENGTH CONC
511-3000	--	LUMP	LS	SUPERSTR REINF STEEL, BR NO-2 ( 500 )
519-0400	783	805	SY	CONCRETE OVERLAY, PORTLAND CEMENT, VARB THK
528-0750	870	900	LF	EPOXY SEALING OF CONCRETE CRACKS
540-1202	LUMP	LUMP		REMOVAL OF PARTS OF EXISTING BRIDGE, BR NO-2

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	CSNHS-M002-00(784)	38	71

BRIDGE NO. 2 LT. & RT.

**JBT J.B. TRIMBLE, INC.**  
 6445 Powers Ferry Rd.  
 Atlanta GA 30339  
 (770) 952-1022

GEORGIA  
**DEPARTMENT OF TRANSPORTATION**  
 OPERATIONS DIVISION-OFFICE OF MAINTENANCE

DISTRICT 3 BRIDGE REPAIR  
 I-75 OVER SR 87 (RIVERSIDE DRIVE)  
 GENERAL NOTES

BIBB COUNTY CSNHS-M002-00(784)

SCALE: AS SHOWN

DECEMBER 2005

BRIDGE SHEET  
 2 OF 3

DATE	
REVISIONS	
BY	

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