

PLAN

GENERAL NOTES

SPECIFICATIONS - GEORGIA STANDARD SPECIFICATIONS, 1993 EDITION AND 1997 SUPPLEMENTAL SPECIFICATIONS, AS MODIFIED BY CONTRACT DOCUMENTS.

REINFORCING STEEL - ALL REINFORCING STEEL SHALL BE PLACED AND TIED IN ACCORDANCE WITH THE GEORGIA DOT SPECIFICATIONS. WELDING OF REINFORCING STEEL WILL NOT BE PERMITTED.

CHAMFER - ALL EXPOSED CONCRETE EDGES SHALL BE CHAMFERED 3/8 INCH UNLESS OTHERWISE NOTED.

TRAFFIC CONTROLS - SEE SPECIAL PROVISIONS FOR TRAFFIC CONTROLS AND TRAFFIC CONTROL PAYMENT.

EXISTING BRIDGE PLANS - PLANS FOR THE EXISTING BRIDGE MAY BE PURCHASED BY CONTACTING THE PLANS REPRODUCTION OFFICE AT (404) 656-5401. THE EXISTING BRIDGE WAS BUILT UNDER PROJECT NUMBER BRF-009-2 (61).

DIMENSIONS AND ELEVATIONS - ALL DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ORDERING MATERIALS OR BUILDING FORMS.

EXISTING REINFORCEMENT - EXISTING REINFORCEMENT TO BE UTILIZED IN NEW CONSTRUCTION SHALL BE BENT IN A MANNER TO PROVIDE THE MAXIMUM LAP POSSIBLE OR AS SHOWN ON THE PLANS. EXISTING REINFORCEMENT SHALL BE THOROUGHLY CLEANED OF CONCRETE SCALE AND RUST BEFORE BONDING INTO NEW CONSTRUCTION.

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

EXISTING FINGER JOINT - EXISTING FINGER JOINTS ADJACENT TO BENTS 3 SOUTH AND 3 NORTH SHALL BE REMOVED AND REPLACED WITH FINGER PLATE JOINTS.

EXISTING STRIP SEAL JOINTS - EXISTING STRIP SEAL JOINTS AT BENT 2 SOUTH AND 19 SOUTH SHALL BE REMOVED AND REPLACED WITH LOW-DENSITY, CLOSED-CELL POLYETHYLENE SEALS. COST OF MATERIALS AND INSTALLATION SHALL BE INCLUDED IN BID ITEM 449-1600 - LOW-DENSITY, CLOSED CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN - BLOWN SEAL WITH EPOXY CONCRETE HEADERS.

EXISTING UNSEALED JOINT - EXISTING UNSEALED JOINT AT BENT 2 NORTH SHALL BE SEALED WITH LOW-DENSITY, CLOSED-CELL POLYETHYLENE SEALS. COST OF MATERIALS AND INSTALLATION SHALL BE INCLUDED IN THE PRICE BID ITEM 449-1620 LOW-DENSITY, CLOSED CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN - BLOWN SEAL.

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

INCIDENTAL ITEMS - COST INCIDENTAL TO THE WORK THAT IS NOT SPECIFICALLY COVERED BY THE GEORGIA STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, AND/OR SPECIAL PROVISIONS SHALL BE INCLUDED IN THE OVERALL BID SUBMITTED. THIS INCLUDES THE COST OF CLEANING AND BENDING OF EXISTING REINFORCEMENT, EPOXY RESIN ADHESIVE, DRAIN PVC DOWNSPOUTS, JOINT FILLERS, AND OTHER INCIDENTAL ITEMS NECESSARY TO COMPLETE THE WORK.

REMOVAL OF PARTS OF EXISTING BRIDGE - COST OF REMOVAL, RECONSTRUCTION, AND MODIFICATION OF EDGE BEAMS, SLAB, AND BARRIER SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 540 - REMOVAL OF PARTS OF EXISTING BRIDGE.

STRUCTURAL STEEL - REMOVAL OF EXISTING AND INSTALLATION OF NEW FINGER PLATE JOINT SHALL BE INCLUDED UNDER PAY ITEM 501-3000 LUMP STR STEEL.

DESIGN DATA FOR JOINT REPLACEMENT

SPECIFICATIONS AASHTO 1996 WITH 1997, 1998 AND 1999 INTERIMS (DESIGNED FOR SEISMIC PERFORMANCE CATEGORY A)

TYPICAL HS20-44 AND/OR MILITARY LOADING IMPACT ALLOWED

FUTURE PAVING ALLOWANCE 30 LBS PER SQ FT

REINFORCEMENT STEEL GRADE 60, FY = 60,000 PSI

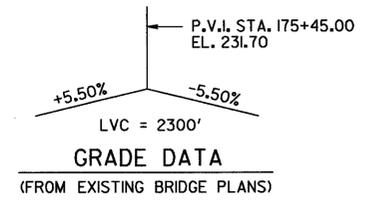
CONCRETE: 24 HOUR ACCELERATED STRENGTH F' = 3,500 PSI

WORK CONSISTS OF

1. REMOVAL OF EXISTING FINGER PLATE JOINTS; MODIFICATION OF THE DECK SLAB, EDGE BEAMS, AND BARRIERS; AND INSTALLATION OF NEW FINGER PLATE JOINTS IN SPAN 3S AND 3N.
2. REMOVAL OF EXISTING STRIP SEAL AND INSTALLATION OF NEW LOW-DENSITY, CLOSED-CELL POLYETHYLENE SEALS WITH EPOXY CONCRETE HEADERS AT BENT 2S AND 19S.
3. INSTALLATION OF NEW LOW-DENSITY, CLOSED-CELL POLYETHYLENE SEAL AT BENT 2N.

SUMMARY OF QUANTITIES

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
449-1600	1	EA	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL WITH EPOXY CONCRETE HEADERS, BR NO - 1, BENT NO -2S
449-1600	1	EA	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL WITH EPOXY CONCRETE HEADERS, BR NO - 1, BENT NO -19S
449-1620	72	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO -1, BENT NO -2N
501-3000	LUMP	LS	STR STEEL, BR NO - 1 (51300)
504-0600	75	CY	TWENTY FOUR HOUR ACCELERATED STRENGTH CONCRETE, BR, NO - 1
511-3000	LUMP	LS	SUPERSTR REINF STEEL, BR NO - 1 (6116)
540-1202	LUMP		REMOVAL OF PARTS OF EXISTING BR, BR NO - 1



EXISTING BRIDGE SERIAL NO. 051-0169-0
 EXISTING BRIDGE ID NO. 051-00404P-000.84N
 PROJECT PI NO. M000332

BRIDGE NO. 1

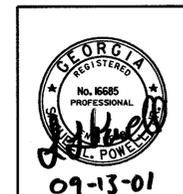
JBT J.B. Trimble, Inc.
 6445 Powers Ferry Road
 Atlanta GA 30339-2933
 (770) 952-1022

GEORGIA
 DEPARTMENT OF TRANSPORTATION
 OPERATIONS DIVISION-OFFICE OF MAINTENANCE

TALMADGE BRIDGE
 (REHABILITATION PLANS)
 PLAN

CHATHAM COUNTY NHS-M000-00 (332)

SCALE: AS SHOWN MAY 2001



09-13-01
 BRIDGE SHEET
 1 OF 5

DATE	REVISIONS	BY

DESIGNED MDT	CHECKED GLE	REVIEWED EHG
DRAWN ITD	DESIGN GROUP MAINTENANCE	APPROVED STH