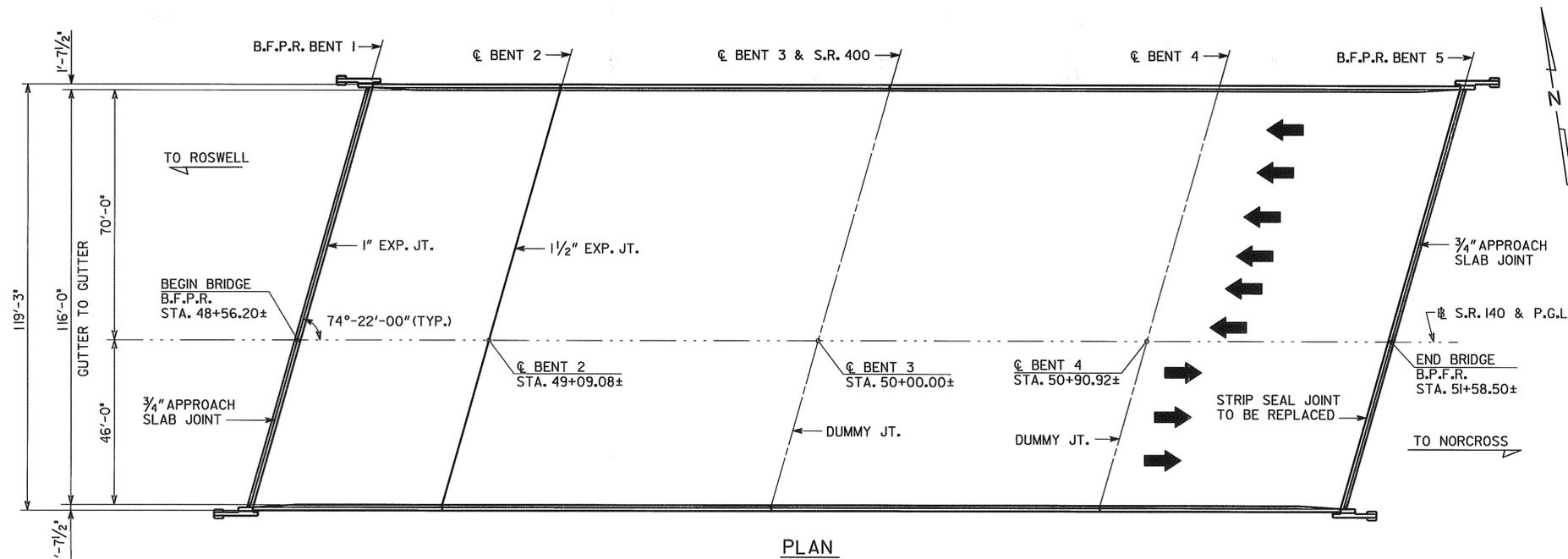
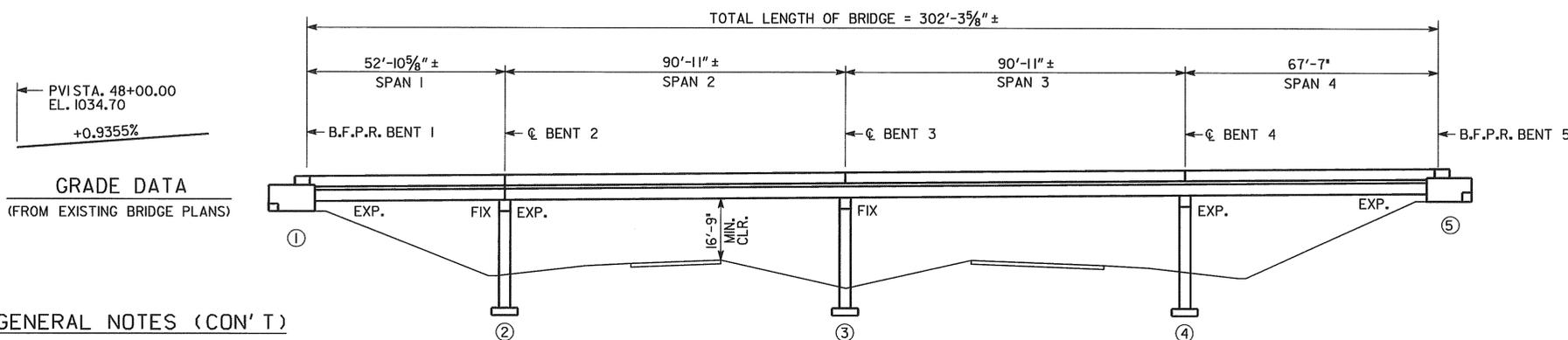


STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	NHS-M002-00 (136) CT 2	11	24



PLAN



ELEVATION

**GRADE DATA**  
(FROM EXISTING BRIDGE PLANS)

**GENERAL NOTES (CON'T)**

- REMOVAL OF PARTS OF EXISTING BRIDGE - COST FOR REMOVAL OF PORTIONS OF EXISTING DECK SLAB, EDGE BEAMS AND BACKWALLS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 540 REMOVAL OF PARTS OF EXISTING BRIDGE.
- UTILITY HANGERS - EXISTING UTILITY HANGERS CONNECTED TO PORTIONS OF THE DECK TO BE REMOVED SHALL BE RETAINED AND RE-INSTALLED WITH THE NEW DECK. INSERTS SHALL BE FURNISHED AND INSTALLED BY CONTRACTOR. COST FOR THIS WORK SHALL BE INCLUDED IN THE OVERALL BID SUBMITTED.
- EXISTING UTILITIES - EXISTING UTILITIES SHALL BE MAINTAINED AND PROTECTED AT ALL TIMES DURING CONSTRUCTION. COST FOR THIS WORK SHALL BE INCLUDED IN THE OVERALL BID SUBMITTED.
- CONCRETE CRACKS - CRACKS IN THE CONCRETE OVERLAY SURFACE SHALL BE SEALED IN ACCORDANCE WITH THE SPECIAL PROVISIONS, AS DIRECTED BY THE ENGINEER, PRIOR TO GROOVING. COST SHALL BE INCLUDED IN THE PRICE BID FOR PAY ITEM 528 - EPOXY SEALING OF CONCRETE CRACKS.
- EROSION CONTROL - EROSION CONTROL ITEMS REQUIRED BY THE ENGINEER TO FILTER RUN-OFF FROM HYDRO-DEMOLITION OPERATIONS SHALL BE FURNISHED, INSTALLED, MAINTAINED AND REMOVED BY THE CONTRACTOR. CONTRACTOR SHALL SUBMIT AN EROSION CONTROL PLAN TO THE ENGINEER FOR APPROVAL, PRIOR TO BEGINNING CONSTRUCTION. COST SHALL BE INCLUDED IN THE OVER-ALL BID SUBMITTED.
- EXISTING BRIDGE JOINTS - EXISTING BRIDGE TRANSVERSE DUMMY JOINTS SHALL BE CLEANED OF ALL DIRT, REFUSE, AND EXISTING SEALANT AND SEALED USING BOND BREAKER AND SILICONE SEALANT (TYPE D) AS PER SUB-SECTION 461.3.05 OF THE GEORGIA DOT SPECIFICATIONS. COST OF MATERIAL AND INSTALLATION SHALL BE INCLUDED IN THE OVER-ALL BID SUBMITTED.
- PAINTING - ANY DAMAGE TO THE PAINT OF THE EXISTING STRUCTURAL STEEL SHALL BE REPAIRED USING SYSTEM VI PAINT SYSTEM. ALL PAINTING SHALL BE IN ACCORDANCE WITH SECTION 535 OF THE GEORGIA DOT SPECIFICATIONS. THE COST OF PAINTING SHALL BE INCLUDED IN THE OVERALL BID SUBMITTED.
- APPROACH SLABS - ALL SPALLS IN THE APPROACH SLABS SHALL BE REPAIRED IN ACCORDANCE WITH THE SPECIAL PROVISIONS, AS DIRECTED BY THE ENGINEER, PRIOR TO PLACING ASPHALT OVERLAY. COST SHALL BE INCLUDED IN THE PRICE BID FOR PAY ITEM 521 - PATCHING CONCRETE BRIDGE DECK.

**WORK CONSISTS OF**

- REMOVAL OF EXISTING EDGE BEAMS, MODIFICATION OF THE BACKWALL AND INSTALLATION OF NEW EXPANSION JOINT AT BENT 5.
- REMOVAL OF THE EXISTING CONCRETE DECK TO 1/2" BELOW THE BOTTOM OF THE TOP MAT OF REINFORCING STEEL AND REPLACEMENT WITH A NEW CONCRETE OVERLAY. ALL EXISTING REINFORCING STEEL EXPOSED DURING DECK REMOVAL SHALL REMAIN IN PLACE.

**DESIGN DATA**

SPECIFICATIONS ----- AASHTO 1996 INCLUDING 1997 THROUGH 2002 INTERIMS  
 TYPICAL HS20-44 AND/OR MILITARY LOADING ----- IMPACT INCLUDED  
 FUTURE PAVING ALLOWANCE ----- 30 LBS PER SQ FT  
 CONCRETE: 24 HOUR ACCELERATED STRENGTH -----  $f_c = 3,500$  PSI  
 REINFORCEMENT STEEL ----- GRADE 60,  $f_y = 60,000$  PSI

**EXISTING UTILITIES**

GAS MAIN ----- ATLANTA GAS LIGHT COMPANY  
 TELEPHONE CONDUITS ----- BELL SOUTH  
 WATER MAIN ----- FULTON COUNTY  
 ELECTRICAL CONDUITS ----- GDOT

**GENERAL NOTES**

- SPECIFICATIONS - GEORGIA STANDARD SPECIFICATIONS, 2001 EDITION, 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 3/4 INCH UNLESS OTHERWISE NOTED.
- CONCRETE REMOVAL - SEE SPECIAL PROVISIONS
- CONCRETE OVERLAY - SEE SPECIAL PROVISION - SECTION 519 - "PORTLAND CEMENT CONCRETE OVERLAYS"
- PROTECTIVE PLATFORMS - PROTECTIVE PLATFORMS WILL BE REQUIRED AT THIS SITE, SEE SECTION 510 OF THE GEORGIA DOT SPECIFICATIONS. CONTRACTOR SHALL MAINTAIN A MINIMUM VERTICAL CLEARANCE OF 16'-9" ABOVE S.R. 400 (U.S. 19).
- TRAFFIC CONTROLS - SEE SPECIAL PROVISIONS FOR TRAFFIC CONTROLS AND TRAFFIC CONTROL PAYMENT.
- EXISTING BRIDGE PLANS - PLANS FOR EXISTING BRIDGE MAY BE PURCHASED BY CONTACTING THE PLANS REPRODUCTION OFFICE AT (404) 656-5401. THE ORIGINAL BRIDGE WAS BUILT UNDER PROJECT NUMBER F-056-1(38) CT. 2 AND WAS WIDENED UNDER PROJECT NUMBER TSAP-FR-165-1(46).
- DIMENSIONS AND ELEVATIONS - ALL DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ORDERING MATERIALS OR BUILDING FORMS.
- EPOXY RESIN ADHESIVE - EPOXY RESIN ADHESIVE TYPE II SHALL BE APPLIED 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. COST OF EPOXY ADHESIVE AND ITS APPLICATION SHALL BE INCLUDED IN THE OVERALL BID SUBMITTED.
- 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.
- GROOVED CONCRETE - THE ENTIRE LENGTH OF THE BRIDGE SHALL BE GROOVED 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 GEORGIA DOT OFFICE OF MATERIALS AND RESEARCH. ONLY E70XX (EXCLUDING E7014 AND E7024) LOW HYDROGEN ELECTRODES SHALL BE USED FOR MANUAL SHIELDED METAL ARC WELDING.
- 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, WATERPROOFING, JOINT FILLERS, AND OTHER INCIDENTAL ITEMS NECESSARY TO COMPLETE THE WORK.
- EDGE BEAMS - EXISTING EDGE BEAMS AT BENT 5 SHALL BE REPLACED.
- EXISTING STRIP SEAL JOINT - EXISTING STRIP SEAL JOINT AT BENT 5 SHALL BE REMOVED AND REPLACED WITH AN EXPANSION JOINT.

EXISTING BRIDGE SERIAL NO. 121-0086-0  
 EXISTING BRIDGE ID NO. 121-00140D-008.03E  
 PROJECT PI NO. M002136

BRIDGE NO. 3

**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 7 BRIDGE REPAIR (DECK REHABILITATION)  
 S.R. 140 (HOLCOMB BRIDGE ROAD)  
 OVER S.R. 400 (U.S. 19)  
 PLAN AND ELEVATION

FULTON COUNTY NHS-M002-00 (136)

SCALE: NO SCALE U.N.O. APRIL 2004

	DATE	
	REVISIONS	
BRIDGE SHEET	BY	
1 OF 3		

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