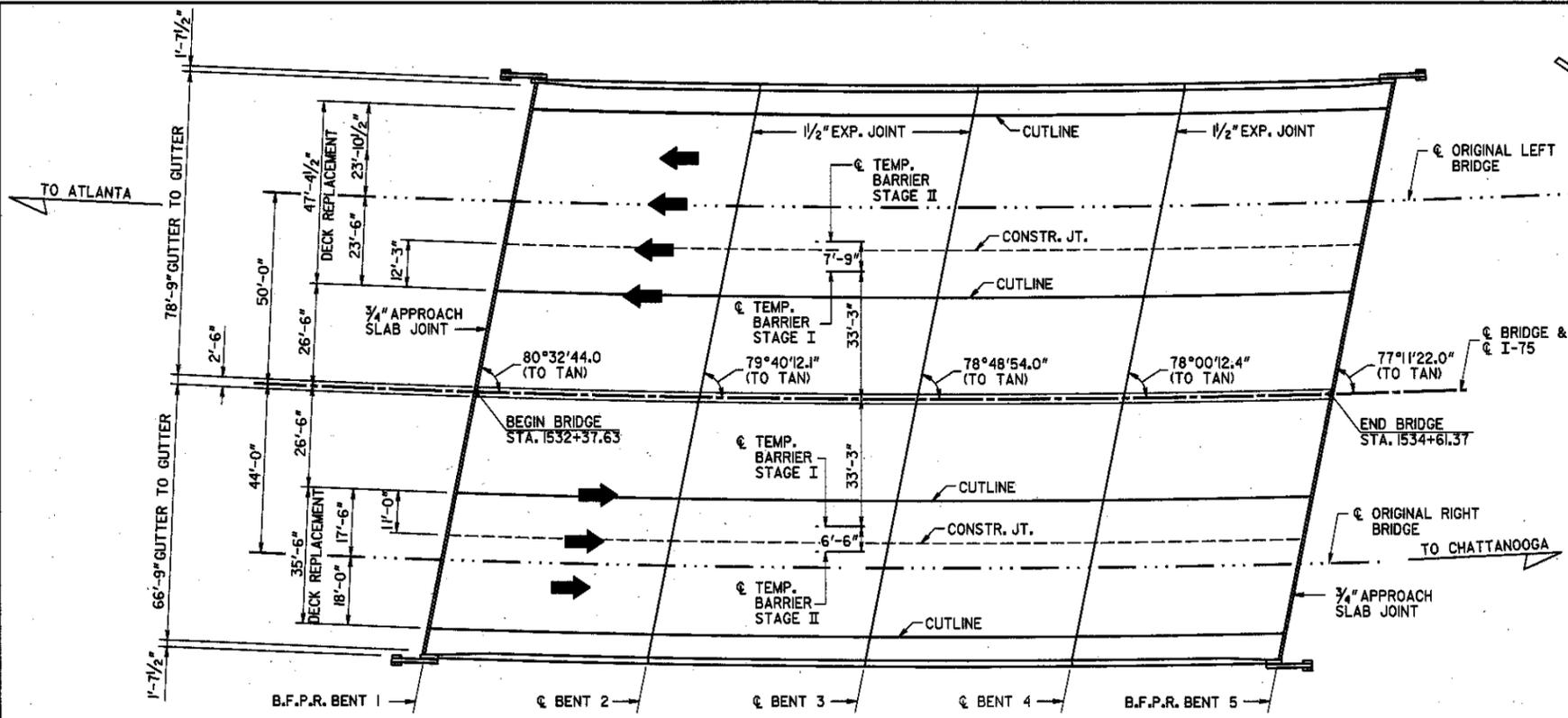


STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	NHS-M000-00 (436)	30	50

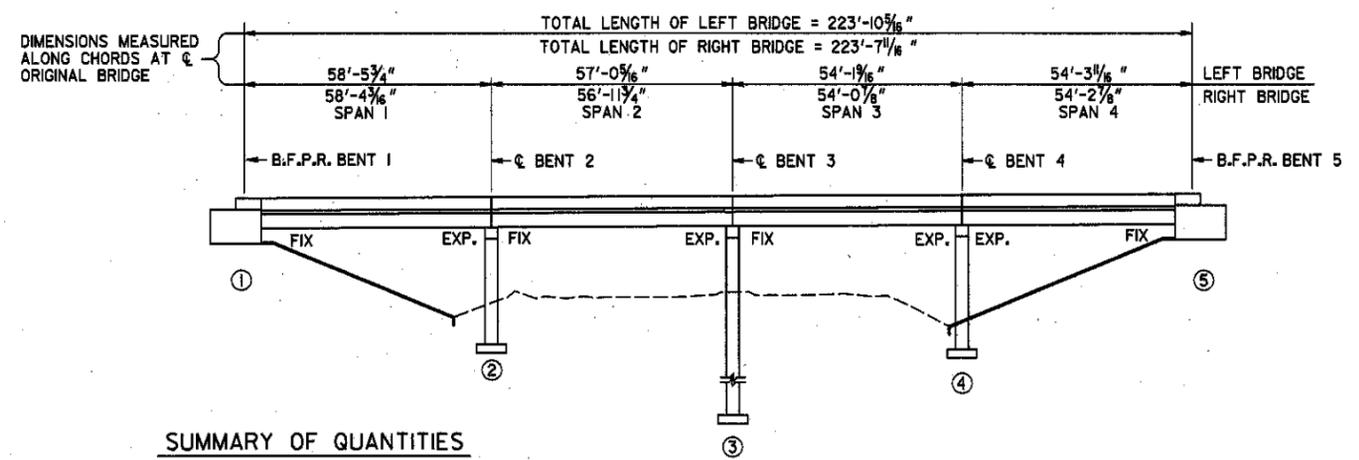
**GENERAL NOTES**

- 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.
- CONCRETE REMOVAL - SEE SPECIAL PROVISIONS.
- CONCRETE OVERLAY - SEE SPECIAL PROVISION - SECTION 519 - "FAST TRACK BRIDGE DECK CONVENTIONAL CONCRETE OVERLAY".
- 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'-0" ABOVE S.R. 3.
- 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 ORIGINAL BRIDGE WAS BUILT UNDER PROJECT NUMBER 1-75-3 (10) 341 AND WAS WIDENED UNDER PROJECT NUMBER 10-75-3 (102) AND 1R-75-3 (155).
- 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 PLACED 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 SECTION 500.11.C.6.C.(2) OF THE DOT SPECIFICATIONS.
- 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, JOINT FILLERS, AND OTHER INCIDENTAL ITEMS NECESSARY TO COMPLETE THE WORK.
- 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. COST SHALL BE INCLUDED IN THE OVERALL BID SUBMITTED.
- REMOVAL OF PARTS OF EXISTING BRIDGE - COST FOR REMOVAL OF PORTIONS OF EXISTING DECK SLAB, EDGE BEAMS, AND ENDWALLS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 540 REMOVAL OF PARTS OF EXISTING BRIDGE.



NOTE: ALL DIMENSIONS ARE RADIAL.

**PLAN**



**SUMMARY OF QUANTITIES**

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM	ELEVATION
449-1620	152	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO-1, BENT NO-1	
449-1620	152	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO-1, BENT NO-2	
449-1620	152	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO-1, BENT NO-3	
449-1620	153	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO-1, BENT NO-4	
449-1620	153	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO-1, BENT NO-5	
500-0100	3565	SY	GROOVED CONCRETE	
504-0006	523	CY	TWENTY-FOUR HOUR ACCELERATED STRENGTH CONC, BR NO-1	
511-3000	LUMP	LS	SUPERSTR REINF STEEL, BR NO-1 (116063)	
519-0401	1605	SY	CONCRETE OVERLAY, VARIABLE THK-FAST TRACK	
540-1202	LUMP		REMOVAL OF PARTS OF EXISTING BR, BR NO-1	

**HORIZONTAL CURVE DATA**

PI = STA. 1544+97.2  
 Δ = 53°-27' LT.  
 D = 01°-30'  
 T = 1923.2'  
 L = 3563.3'  
 SE = 0.04 FT/FT  
 R = 3819.70'

STA. 1527+00  
 EL. 744.2  
 +0.4565%

**GRADE DATA**

(FROM EXISTING BRIDGE PLANS)

**WORK CONSISTS OF**

- REPLACEMENT OF THE ORIGINAL DECK SLAB AND EDGE BEAMS.
- OVERLAY OF REMAINING PORTION OF BRIDGE.
- MODIFICATION OF THE ORIGINAL ENDWALLS.
- RESEALING OF DECK AND APPROACH SLAB JOINTS.

**DESIGN DATA**

SPECIFICATIONS ..... AASHTO 1996 WITH 1997, 1998 AND 1999 INTERIMS (DESIGNED FOR SEISMIC PERFORMANCE CATEGORY A)  
 TYPICAL HS20-44 AND/OR MILITARY LOADING ..... IMPACT ALLOWED  
 24-HOUR ACCELERATED STRENGTH CONCRETE ..... f<sub>c</sub> = 3,500 PSI  
 REINFORCEMENT STEEL ..... GRADE 60, F<sub>y</sub> = 60,000 PSI

EXISTING BRIDGE SERIAL NO. 313-0043-0  
 EXISTING BRIDGE ID NO. 313-00401D-336.89N  
 PROJECT PI NO. M000436

BRIDGE NO. 1 LT. & RT.

**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

DISTRICT 6 BRIDGE REPAIRS (DECK REHABILITATION)  
 I-75 OVER S.R. 3

WHITFIELD COUNTY NHS-M000-00 (436)

SCALE: AS SHOWN AUGUST 2001

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

10-07-D  
 BRIDGE SHEET  
 1 OF 6