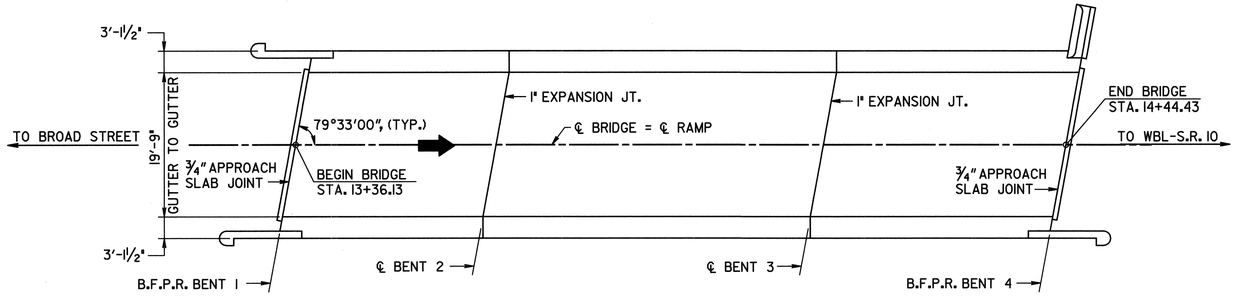
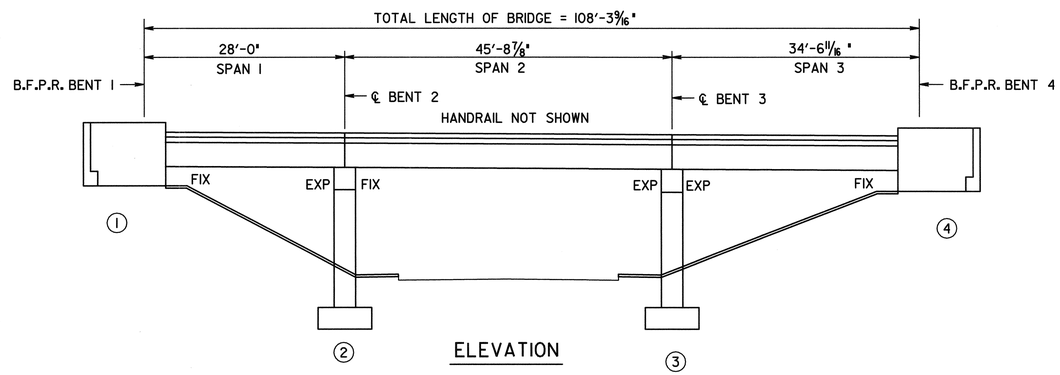
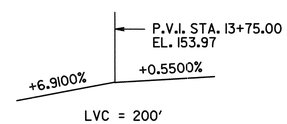
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	STP-M000-00 (864)	23	26



PLAN



ELEVATION



GRADE DATA
(FROM EXISTING BRIDGE PLANS)

WORK CONSISTS OF

1. REMOVAL OF THE EXISTING CONCRETE DECK TO ½" BELOW THE BOTTOM OF THE TOP MAT OF REINFORCING STEEL AND REPLACEMENT WITH A NEW CONCRETE OVERLAY. ALL EXISTING DECK REINFORCING STEEL EXPOSED DURING DECK REMOVAL SHALL REMAIN IN PLACE.
2. MODIFICATION OF EXISTING ENDWALLS.

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 ¾ 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 ELLIS STREET.

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 U.015-1 (7).

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.

GROOVED CONCRETE -THE ENTIRE LENGTH OF THE BRIDGE SHALL BE GROOVED TRANSVERSELY AS PER SECTION 500.11.C.6.C.(2) OF THE GEORGIA DOT SPECIFICATIONS.

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 461.03 OF THE GEORGIA DOT SPECIFICATIONS. COST OF MATERIAL AND INSTALLATION SHALL BE INCLUDED IN THE OVERALL BID SUBMITTED.

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 AND ENDWALLS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 540 REMOVAL OF PARTS OF EXISTING BRIDGE.

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

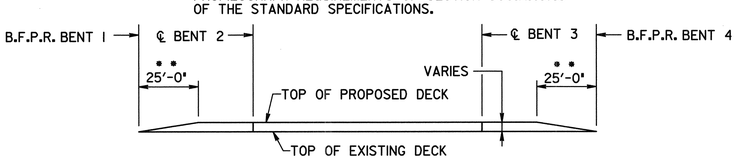
24 HOUR ACCELERATED STRENGTH CONCRETE..... f'_c = 3,500 PSI

REINFORCEMENT STEEL ..... GRADE 60, FY = 60,000 PSI

EXISTING BRIDGE SERIAL NO.	245-0023-0
EXISTING BRIDGE ID NO.	245-00010D-018.26E
PROJECT PI NO.	M000864

BRIDGE NO. 7

• • THESE TRANSITION ZONES SHALL BE EXEMPT FROM THE PROFILOGRAPH REQUIREMENTS OF SECTION 500.11.C.6.e OF THE STANDARD SPECIFICATIONS.



LONGITUDINAL SECTION
(END BRIDGE TRANSITION DETAILS)
(NO SCALE)

NOTE :
REINFORCING STEEL MINIMUM CLEARANCE DOES NOT APPLY IN TRANSITION ZONES.

SUMMARY OF QUANTITIES

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
449-1620	22	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO-7, BENT NO-1
449-1620	22	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO-7, BENT NO-2
449-1620	22	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO-7, BENT NO-3
449-1620	22	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO-7, BENT NO-4
500-0100	214	SY	GROOVED CONCRETE
504-0600	4	CY	TWENTY-FOUR HOUR ACCELERATED STRENGTH CONC, BR NO-7
511-5000	LUMP	LS	SUPERSTR REINF STEEL, BR NO-7 (200)
519-0401	214	SY	CONCRETE OVERLAY, VARIABLE THK - FAST TRACK
540-1202	LUMP	LS	REMOVAL OF PARTS OF EXISTING BR, BR NO - 7
653-1501	108	LF	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE
653-1502	108	LF	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW

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 2 BRIDGE REPAIRS (DECK OVERLAY)

S.R. 10 RAMP TO WBL OVER ELLIS STREET

RICHMOND COUNTY STP-M000-00 (864)

GEORGIA REGISTERED No. 18865 PROFESSIONAL ENGINEER SAMUEL C. POWELL, JR.
05-24-02

DATE	REVISIONS	BY

SCALE: AS SHOWN APRIL 2002

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

BRIDGE SHEET 1 OF 2

C:\DGN\ 2019\CT10\BOL10-7P.DGN 5-21-02 ITD