

GENERAL NOTES

GENERAL NOTES (CONT.)

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	BR000-0001-00(366)	154	301

SPECIFICATIONS - GEORGIA STANDARD SPECIFICATIONS, 2001 EDITION, AND 2008 SUPPLEMENTAL SPECIFICATIONS AS MODIFIED BY CONTRACT DOCUMENTS.

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.

TRAFFIC CONTROLS - SEE ROADWAY PLANS FOR TRAFFIC CONTROLS AND TRAFFIC CONTROL PAYMENT.

EXISTING BRIDGE PLANS - ORIGINAL BRIDGE PLANS ARE NOT AVAILABLE. WIDENED BRIDGE PLANS MAY BE PURCHASED BY CONTACTING THE PLANS REPRODUCTION OFFICE AT (404) 347-0600. THE WIDENED BRIDGE WAS BUILT UNDER PROJECT NUMBER BA(3)1049(8).

WAITING PERIOD - NONE REQUIRED.

COFFERDAMS - PROVIDE COFFERDAMS AT BENTS 4,5,6 AND 10.

SEAL CONCRETE - PROVIDE SEAL CONCRETE AT BENT 4. CONCRETE, REINFORCING STEEL (NUMBER OF COLUMN TIE BARS AND LENGTH OF VERTICAL COLUMN BARS), AND SEAL CONCRETE QUANTITIES ARE BASED ON AN ASSUMED WATER SURFACE ELEVATION OF 104.0 AND SHALL BE ADJUSTED BY THE ENGINEER IF NECESSARY AT TIME OF CONSTRUCTION.

PLAN DRIVING OBJECTIVE - SEE SUBSTRUCTURE DETAILS.

PDA TESTING - PILE DATA ANALYZER WILL BE UTILIZED BY THE GEORGIA DOT DURING THE PILE DRIVING OPERATION. NOTIFY THE GEOTECHNICAL BUREAU OF THE GEORGIA DOT OFFICE OF MATERIALS AND RESEARCH AT 404-363-7546 TWO WEEKS PRIOR TO DRIVING PILES.

PILE DRIVING - SHOULD PILES FAIL TO OBTAIN DRIVING RESISTANCE AFTER ACHIEVING THE PILE TIP ELEVATIONS SHOWN, ALLOW PILES TO FREEZE A MINIMUM OF 24 HOURS AND RESTRIKE WITH A WARM HAMMER.

BENT	PILE TIP ELEVATION
1-3,5,7-10,13-27	42
4	55
6	54
11-12	46
28	52

DRIVING DATA PILES - ONE DRIVING DATA PILE SHALL BE REQUIRED AT EACH OF BENTS 1,5,9,13,17,21 AND 25.

FOUNDATION BACKFILL MATERIAL -PLACE 12" OF TYPE II FOUNDATION BACKFILL MATERIAL UNDER EACH FOOTING AT BENTS 3, 5 - 11. THE QUANTITY IS BASED ON THE PLAN FOOTING DIMENSION PLUS 2' - 0".

PILE ENCASEMENT - ENCASE PILES AT BENTS 2 AND 12-27 IN CONCRETE 2'-0" ABOVE GROUND. ENCASEMENT SHALL BE IN ACCORDANCE WITH SECTION 547 OF THE GEORGIA DOT SPECIFICATIONS.

SPECIAL PROTECTIVE COATING - CLEAN AND PAINT PILES WITH SPECIAL PROTECTIVE COATING NO. 2P IN ACCORDANCE WITH SECTIONS 520 AND 535 OF THE GEORGIA DOT SPECIFICATIONS.

SMOOTH DOWEL BARS - PLACE SMOOTH DOWEL BARS IN FORMED 3" DIAMETER X 12" DEEP HOLES AND GROUT IN PLACE SIMILAR TO ANCHOR BOLTS, SEE SUB-SECTION 501.3.05.B.3 OF THE GEORGIA DOT SPECIFICATIONS. STIRRUPS MAY BE SHIFTED SLIGHTLY TO CLEAR FORMED HOLES.

STANDARD PLAN MODIFICATION - MODIFY THE APPROACH SLAB STANDARD TO INCREASE THE 3/4" EXPANSION JOINT SHOWN BETWEEN THE APPROACH SLAB AND THE BACK FACE PAVING REST AND END POST TO 1/4" AT BENT 1 AND 1/4" AT BENT 28. SEE ROADWAY PLANS FOR APPROACH SLAB AND PAYMENT.

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.

USGS MONITORING STATION - AT LEAST FOUR WEEKS PRIOR TO SWITCHING TRAFFIC TO THE NEW BRIDGE, CONTACT BRIAN MCCALLUM OF THE USGS REGIONAL OFFICE IN ATLANTA AT 770-903-9127 FOR THE REMOVAL AND RESETTING OF THE STREAM GAUGE ATTACHED TO THE DOWNSTREAM FACE OF THE EXISTING BRIDGE. THE GAGE SHALL BE ATTACHED TO THE NEW BRIDGE SIMILAR TO THE EXISTING BRIDGE ATTACHMENT. INCLUDE THE COST OF REMOVAL AND RESETTING OF THE GAUGE 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 WATERPROOFING, JOINT FILLERS, AND OTHER INCIDENTAL ITEMS NECESSARY TO COMPLETE THE WORK.

△ SALVAGE MATERIAL - NO MATERIAL REMOVED FROM THE EXISTING STRUCTURE SHALL BE SALVAGED FOR USE BY THE GEORGIA DOT.

TRAFFIC DATA

TRAFFIC -----	ADT = 6500 (2012)
	ADT = 10000 (2032)
DESIGN SPEED -----	65 MPH
TRUCKS -----	8 %
24 HR TRUCKS -----	10 %
DIRECTIONAL -----	60 %

BRIDGE CONSISTS OF

- 19 - 70'-0" TYPE III PSC BEAM SPANS ----- SPECIAL DESIGN
- 4 - 125'-0" BULB TEE, 72 IN, PSC BEAM SPANS ----- SPECIAL DESIGN
- 4 - 120'-0" BULB TEE, 72 IN, PSC BEAM SPANS ----- SPECIAL DESIGN
- 2 - STEEL H PILE END BENTS ----- SPECIAL DESIGN
- 15 - STEEL H PILE INTERMEDIATE BENTS ----- SPECIAL DESIGN
- 2 - STEEL H PILE INTERMEDIATE TOWER BENT ----- SPECIAL DESIGN
- 9 - CONCRETE INTERMEDIATE BENTS ----- SPECIAL DESIGN
- 4 - END POST AND GUARDRAIL ATTACHMENT DETAIL ----- GA. STD. 3054 (9-30-02)
(L = 4'-0"; W = 1'-1"; H = 2'-8")
- BAR BENDING DETAILS ----- GA. STD. 3901 (8-69)
- TYPICAL FILL DETAIL AT END OF BRIDGE ----- GA. STD. 9037 (9-99)

BRIDGE NO. 1

DATE 09-19-11		GEORGIA DEPARTMENT OF TRANSPORTATION PRECONSTRUCTION DIVISION-OFFICE OF BRIDGE DESIGN	
REVISIONS REVISED NOTE		GENERAL NOTES SHEET S.R. 30 (U.S. 280) OVER OCONEE RIVER WHEELER-MONTGOMERY COUNTIES BR000-0001-00(366)	
DRAWING NO. 35-04		NO SCALE	
BRIDGE SHEET 4 OF 29		DESIGNED SWW	CHECKED DLC
BY SWW		DESIGN GROUP SWW	REVIEWED WMD/WEI
			APPROVED PVL

FILENAME: W0001366BLDGN