GENERAL NOTES

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 MAY BE PURCHASED BY CONTACTING THE PLANS REPRODUCTION OFFICE AT (404) 347-0600. THE ORIGINAL BRIDGE WAS BUILT UNDER PROJECT NUMBER I-575-1(6)7.

DIMENSIONS AND ELEVATIONS - VERIFY ALL DIMENSIONS AND ELEVATIONS IN THE FIELD PRIOR TO ORDERING MATERIALS OR BUILDING FORMS. LIGHT LINES INDICATE THE EXISTING STRUCTURE AND HEAVY LINES INDICATE THE NEW STRUCTURE.

EPOXY RESIN ADHESIVE - APPLY EPOXY RESIN ADHESIVE TYPE II 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. INCLUDE THE COST OF EPOXY ADHESIVE AND ITS APPLICATION IN THE OVERALL BID SUBMITTED.

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

EXISTING SLOPE PAVING - TAKE CARE TO PREVENT DAMAGING THE EXISTING SLOPE PAVING. REPAIR ANY DAMAGE THAT OCCURS TO THE SLOPE PAVING, OTHER THAN THAT REQUIRED TO BE REMOVED FOR SUBSTRUCTURE EXCAVATION AND TO TIE NEW SLOPE PAVING INTO EXISTING SLOPE PAVING. MATCH THE NEW SLOPE PAVING TO EXISTING SLOPE PAVING. INCLUDE THE COST FOR REMOVAL OF SLOPE PAVING IN PRICE BID FOR "LUMP REMOVAL OF PARTS OF EXISTING BR".

WAITING PERIOD - NONE REQUIRED.

INTERMEDIATE BENT EXCAVATION - WHEN EXCAVATING, TAKE CARE NOT TO DISTURB THE EXISTING FOOTINGS. BLASTING WILL NOT BE ALLOWED.

FOUNDATION BACKFILL MATERIAL - PLACE 1'-0" OF TYPE II FOUNDATION BACKFILL MATERIAL UNDER EACH FOOTING AT BENT 2. THE QUANTITY IS BASED ON THE PLAN FOOTING DIMENSIONS PLUS 2'-0".

PLAN DRIVING OBJECTIVE - SEE SUBSTRUCTURE DETAILS.

△1 PILOT HOLES - DRILL A 14" DIAMETER PILOT HOLE TO A MINIMUM ELEVATION OF 977.00 AT BENT 1 FOR EACH PILE.

DRIVING DATA PILES - ONE DRIVING DATA PILE SHALL BE REQUIRED AT EACH OF BENTS 1 AND 2.

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 1/4" AT END BENTS. SEE ROADWAY PLANS FOR APPROACH SLAB PAYMENT.

STANDARD PLAN MODIFICATION - MODIFY THE ENDPOST STANDARD TO INCREASE THE NUMBER OF P401 AND P701 BARS TO PROVIDE 8 OF EACH BAR IN THE 5'-3" ENDPOSTS AND MAINTAIN 7 OF EACH BAR IN THE 4'-6" ENDPOSTS. ENDPOST REINFORCING SHALL BE EPOXY COATED.

GENERAL NOTES

HIGH PERFORMANCE CONCRETE (HPC) - PRESTRESSED CONCRETE BEAMS FOR THIS BRIDGE UTILIZE HIGH PERFORMANCE CONCRETE. SPECIAL REQUIREMENTS ARE REQUIRED AS DETAILED IN SPECIAL PROVISION SECTIONS 500 AND 865.

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.

RIDING QUALITY - THE FINISHED BRIDGE DECK AND APPROACH SLABS SHALL MEET THE RIDE QUALITY REQUIREMENTS AS SPECIFIED IN SUB-SECTION 500.3.06.E OF THE GEORGIA DOT SPECIFICATIONS FOR STATE ROUTES WITH FOUR LANES OR MORE.

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.

EXISTING BRIDGE JOINTS - CLEAN EXISTING BRIDGE EXPANSION JOINTS OF ALL DIRT, REFUSE, AND EXISTING SEALANT AND SEAL JOINTS USING LOW DENSITY POLYETHYLENE SEAL AS PER SECTION 449.2.D OF THE GEORGIA DOT SPECIFICATIONS. INCLUDE THE COST OF MATERIALS AND INSTALLATION IN THE OVERALL BID SUBMITTED.

EXISTING BRIDGE JOINTS - CLEAN EXISTING BRIDGE CONSTRUCTION AND DUMMY JOINTS OF ALL DIRT, REFUSE, AND EXISTING SEALANT AS PER SUB-SECTIONS 461.3.05.A OF THE GEORGIA DOT SPECIFICATIONS. SEAL JOINTS USING SILICONE SEALANT (TYPE B, C OR D) AS PER SUB-SECTIONS 461.3.05.C AND 833.2.06 OF THE GEORGIA DOT SPECIFICATIONS. INCLUDE THE COST OF MATERIALS AND INSTALLATION IN THE OVERALL BID SUBMITTED.

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

ELECTRICAL CONDUIT - ELECTRICAL CONDUIT FOR THE PARAPETS SHALL BE PLACED UNDERGROUND FROM THE GEORGIA POWER SERVICE POINT TO THE EXISTING BRIDGE BERM AND BE DIRECTIONAL BORED UNDER THE BERM OF THE EXISTING BRIDGE AND CONTINUE ACROSS THE BERM OF THE NEW BRIDGE. THE BORING SHALL BE DONE BEFORE THE NEW BRIDGE SLOPE PAVING IS PORED SUCH THAT NO BORING SHALL BE REQUIRED FOR THE NEW BRIDGE. EXTREME CARE IS TO BE TAKEN TO AVOID DAMAGE TO THE EXISTING CAP AND PILING. FOR ADDITIONAL DETAILS NOT SHOWN IN THE BRIDGE PLANS, REFER TO "ARCHITECTURAL AND LIGHTING DETAILS" SHEETS.

ARCHITECTURAL DETAILS - FOR ARCHITECTURAL DETAILS, (FENCE, TEXT, PILASTERS, ETC.) NOT SHOWN, SEE "ARCHITECTURAL AND LIGHTING DETAILS" SHEETS.

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 CLEANING AND BENDING OF EXISTING REINFORCEMENT, SEALING EXISTING JOINTS, WATERPROOFING, JOINT FILLERS, AND OTHER INCIDENTAL ITEMS NECESSARY TO COMPLETE THE WORK.

USE ON CONSTRUCTION

BRIDGE NO. 1

REVISIONS		BY	DATE
REVISED NOTE		JH-D	10-06-2011

GEORGIA
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES

GENERAL NOTES - SHEET 2
C. R. 779 (SIXES RD) OVER I-575
CHEROKEE COUNTY CSSTP-0006-00(041)

DRAWING NO. 35-03
BRIDGE SHEET 3 OF 25

NO SCALE — SEPTEMBER 2010

DESIGNED J.H.-D. | CHECKED W.E.I. | REVIEWED W.E.I./W.M.D.
DRAWN E.M.M. | DESIGN GROUP P.S.R. | APPROVED P.V.L.