STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	BR000-0001-00(366)	4	301

1. A N.O.I. IS REQUIRED FOR THIS PROJECT.
2. ALL DRIVEWAYS THAT ARE TO BE RECONSTRUCTED SHALL BE PLACED IN KIND I.E. ASPHALT FOR ASPHALT, CONCRETE FOR CONCRETE, AND ASPHALT FOR DIRT DRIVES. (NOTE: ASPHALT APRONS WILL BE PROVIDED FOR DIRT DRIVES WHICH ARE REPLACED WITH ASPHALT.) DRIVEWAY RELOCATIONS ARE SHOWN FROM THE BEST AVAILABLE DATA. THE CONTRACTOR SHALL CONSTRUCT NEW DRIVEWAYS TO MATCH THE ACTUAL FIELD LOCATION OF EXISTING DRIVEWAYS OR AS LOCATED IN THE PLANS. RESIDENTIAL DRIVES SHALL BE 14 FEET WIDE AT THE THROAT UNLESS NOTED OTHERWISE IN THE PLANS. COMMERCIAL DRIVES SHALL BE 24 FEET WIDE UNLESS NOTED OTHERWISE IN THE PLANS. THE CONTRACTOR SHALL OBTAIN THE APPROVAL FROM THE ENGINEER PRIOR TO MAKING ANY REVISIONS TO LOCATION, WIDTH, AND/OR NUMBER OF DRIVES TO BE CONSTRUCTED. REQUIRED DRIVEWAY EASEMENTS NOTSHOWN ON THE PLANS SHALL BE ACQUIRED. DRIVES SHALL BE CONSTRUCTED USING:

   ASPHALT - ASPH CONC 9.5mm SUPERPAVE (135 LBS/SY)
   GRADED AGGREGATE BASE, 8"
   CONCRETE - RESIDENTIAL - DRIVEWAY CONCRETE, 6" THICK
   COMMERCIAL - DRIVEWAY CONCRETE, 8" THICK
3. ALL BORROW AND WASTE SITES FOR THIS PROJECT SHALL BE ENVIRONMENTALLY APPROVED PRIOR TO CONSTRUCTION ACTIVITIES. ALL COMMON FILL OR EXCESS MATERIAL DISPOSED OUTSIDE THE PROJECT RIGHT OF WAY SHALL BE PLACED IN EITHER A PERMITTED SOLID WASTE FACILITY, A PERMITTED INERT WASTE LANDFILL OR IN AN ENGINEERED FILL.
4. CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE THROUGHOUT THE DURATION OF THE PROJECT.
5. ANY TEMPORARY SHORING WILL NOT BE MEASURED FOR PAYMENT, BUT SHALL BE INCLUDED IN THE OVERALL BID SUBMITTED.
6. EXISTING DRAINAGE STRUCTURES TO BE REMOVED UNLESS OTHERWISE NOTED ON THE PLANS.
7. THERE IS NO SUITABLE PLACE TO BURY THE EXISTING BRIDGE/CONSTRUCTION DEBRIS WITHIN THE PROJECT'S LIMITS. THE CONTRACTOR SHALL PROVICE AND ENVIRONMENTALLY APPROVED SITE TO DISPOSE OF THE EXISTING BRIDGE/CONSTRUCTION DEBRIS AT NO ADDITIONAL COST TO THE DEPARTMENT.
8. THE EXISTING BRIDGE CANNOT BE USED AS A WORK BRIDGE.
9. METHOD OF UTILITY LOCATION: NO SUE INVESTIGATION.
10. REMOVAL OF EXISTING BRIDGES: PILES SHALL BE REMOVED TO MUD LINE, AS COVERED BY SPEC, DUE TO EXIST GAS LINE CONFLICT.
11. 8 - 50' EXISTING STEEL BEAMS FROM BRIDGE 1 SHALL BE SALVAGED, DELIVERED AND UNLOADED AT THE JESUP GDOT DISTRICT SIGN SHOP: 204 NORTH HWY 301 JESUP, GA 31546; CONTACT REGGIE VARNADORE @ (912) 427-4047.

GEORGIA811 Utilities Protection Center, Inc. Know what's below. Call before you dig.

UTILITY OWNER	SERVICE
GA. POWER CO.	Transmission
GLENWOOD TELEPHONE CO.	Telephone
LITTLE OCMULGEE EMC	Power
COMCAST	Cable TV
ATLANTA GAS LIGHT	Gas
USGS	River Gauge

ENVIRONMENTAL RESOURCES IMPACT TABLE

Resource Name/ Type	Location Beg.Sta.	Location End Sta.	Side	Construction Activity	Permitted Activity	Controlling Criteria	Special Provision?	Comments Including any Permit Expiration Dates
Non-Buffered State Water 1	STA 156+17	STA 157+70	RT	NONE	N/A	N/A	N/A	Determined to be non-jurisdictional water by USACE and non-buffered State Water by EPD. Resource is located outside project limits; no proposed impacts.
Wetland 2	STA 158+15	STA 159+37	RT	ROADWAY CON-STRUCTION	0.03 AC PERM IMPACT & 0.01 TEMP. IMPACT	Section 404 Clean Water Act	N/A	The current nationwide permits (NWPs), which were published in the March 12, 2007, Issue of the Federal Register (72 FR 11092) expire on March 18, 2012.
Wetland 2a	STA 160+73	STA 162+55	RT	NONE	N/A	N/A	N/A	
Wetland 3	STA 178+29	STA 219+94	BOTH	BRIDGE CONSTRUCTION AND REMOVAL	1.1 AC TEMP IMPACTS, 0.05 AC PERM. IMPACTS	Section 404 Clean Water Act	N/A	The current nationwide permits (NWPs), which were published in the March 12, 2007, Issue of the Federal Register (72 FR 11092) expire on March 18, 2012.
Wetland 6	STA 210+71	STA 212+01	RT	NONE	N/A	Section 404 Clean Water Act	N/A	
Non-Buffered State Water 7	STA 220+05	STA 221+15	BOTH	ROADWAY AND CULVERT CONSTRUCTION	N/A	N/A	N/A	USACE and GA EPD determinded resource to be non-jurisdictional ephemeral drainage and non-buffered state water, respectively. Impacts to the resource do not require a Section 404 permit, stream buffer variance, or compensatory mitigation.
Wetland 8	STA 220+43	STA 222+07	RT	ROADWAY CONSTRUCTION	0.11AC PERMANENT IMPACT	Section 404 Clean Water Act	N/A	The current nationwide permits (NWPs), which were published in the March 12, 2007, Issue of the Federal Register (72 FR 11092) expire on March 18, 2012.
Stream 8A	N/A Off Limits	N/A Off Limits	BOTH	NONE	N/A	N/A	N/A	
Stream 8A Buffer	N/A Off Limits	N/A Off Limits	BOTH	NONE	N/A	N/A	N/A	
Stream 9 Flat Creek	STA 167+88	STA 172+07	BOTH	Bridge Replace-ment/Removal & Roadway Construction	N/A	N/A	N/A	
Stream 9 Buffer	STA 167+63	STA 172+32	BOTH	Bridge Replace-ment/Removal & Roadway Construction	Work w/in 100' of new bridge is exempt from buffer variance requirements	Memo from EPD dated 9/20/10 re: buffer variance issues	N/A	Roadway work beyond 100' of the proposed bridge will require a buffer variance or written permission from EPD prior to commencement of the activity
Stream 10 Oconee River	STA 167+63.5	STA 176+92	BOTH	Bridge Replace-ment/Removal & Roadway Construction	0.04 AC PERMANANT IMPACT	Section 404 Clean Water Act	N/A	The current nationwide permits (NWPs), which were published in the March 12, 2007, Issue of the Federal Register (72 FR 11092) expire on March 18, 2012.
Stream 10 Buffer	STA 175+99	STA 177+17	BOTH	Bridge Replace-ment/Removal & Roadway Construction	Work w/in 100' of new bridge is exempt from buffer variance requirements	Memo from EPD dated 9/20/10 re: buffer variance issues	N/A	Roadway work beyond 100' of the proposed bridge will require a buffer variance or written permission from EPD prior to commencement of the activity
Wetland 10B	STA 163+12	STA 164+70	LT	Roadway Construction	0.02 AC Temp. Impact 0.08 AC Perm. Impact	Section 404 Clean Water Act	N/A	The current nationwide permits (NWPs), which were published in the March 12, 2007, Issue of the Federal Register (72 FR 11092) expire on March 18, 2012.
State Water 10A	STA 165+27	STA 166+58	RT	Roadway Construction	0.0005 AC Perm. Impact	Georgia Erosion and Sedimentation Act (amended 2003)	N/A	
State Water 10A Buffer	STA 165+02	STA 166+87	RT	Roadway Construction	0.08 AC Perm. Impact	Georgia Erosion and Sedimentation Act (amended 2003)	N/A	A buffer variance will be required from GA EPD for proposed buffer impacts and will be applied for under criterion (1)
Protected Endangered Species	Oconee River/Stream 10 STA 167+88 TO STA 172+07 Flat Creek/Stream 9 STA 176+24 TO STA 176+92			Bridge Replace-ment/Removal & Roadway Construction	Refer to Special Provision 107.23g	Migratory Bird Treaty Act of 1918 Endangered Species Act of 1973 GDNR	107.23 g	

PIPE CULVERT MATERIAL ALTERNATES
FOR COASTAL PLAIN REGION

TYPE OF PIPE INSTALLATION				CONCRETE	CORRUGATED STEEL AASHTO M-36: ALUMINUM COATED (TYPE 2) CORR. STEEL	CORRUGATED STEEL AASHTO M-36: PLAIN ZINC COATED	CORRUGATED ALUMINUM AASHTO M-196: PLAIN UNCOATED ALUMINUM	PLASTIC: CORR. POLY-ETHYLENE AASHTO M-252	PLASTIC: CORR.POLY-ETHYLENE SMOOTHED LINED AASHTO M-294 TYPE "S"	PLASTIC: POLY VINYL CHLORIDE (PVC) PROFILE WALL AASHTO M-304	PLASTIC: POLY VINYL CHLORIDE (PVC) CORRUGATED SMOOTH INTERIOR ASTM F-949
STORM DRAIN	LONGITUDINAL INTERSTATE AND TRAVEL BEARING			X							
STORM DRAIN	LONGITUDINAL NON-INTERSTATE AND NON-TRAVEL BEARING			X	X		X		X	X	X
STORM DRAIN	CROSS DRAIN	GRADE ≤ 10%	ADT < 250	X	X		X		X	X	X
STORM DRAIN	CROSS DRAIN	GRADE ≤ 10%	250 < ADT < 1500	X			X				X
STORM DRAIN	CROSS DRAIN	GRADE ≤ 10%	ADT > 15000	X							
STORM DRAIN	CROSS DRAIN	GRADE > 10%	ADT < 250		X		X		X	X	X
STORM DRAIN	CROSS DRAIN	GRADE > 10%	ADT > 250				X				X
SIDE DRAIN				X	X		X		X	X	X
PERMANENT SLOPE DRAIN					X	X	X		X	X	X
PERFORATED UNDERDRAIN					X	X	X	X	X		X

NOTE:

1. ALLOWABLE MATERIALS ARE INDICATED BY AN "X".
2. STRUCTURAL REQUIREMENTS OF STORM DRAIN PIPE WILL BE IN ACCORDANCE WITH GEORGIA STANDARD 1030-D OR 1030-P, WHICHEVER IS APPLICABLE, AND THE STANDARD SPECIFICATIONS.
3. GRADED AGGREGATE BACKFILL SHALL BE USED IN CROSS DRAIN APPLICATIONS FOR ALL PLASTIC PIPES(AASHTO M-294, HDPE PIPE; AASHTO M-304, PVC PIPE; ASTM F-949, PVC PIPE).

GEORGIA
DEPARTMENT OF TRANSPORTATION

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: JESUP ROAD DESIGN

GENERAL NOTES

SR 30/ US 280 @
OCONEE RIVER & OVERFLOWS

DRAWING NO. 04-001

3/1/2007 GPLN