STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	BHSLB-0656-00(002)	4	169

REVISION	DATES

GENERAL NOTES

GEORGIA 811
Utilities Protection Center, Inc.
Know what's below.
Call before you dig.

1. NO UTILITIES HAVE FACILITIES IN THE PROJECT AREA.

2. ALL DRIVEWAYS, WHERE ACCESS IS ALLOWED, SHALL BE PLACED AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH RULES AND REGULATIONS FOR CONTROL AND PROTECTION OF DEPT. OF TRANSPORTATION RIGHTS-OF-WAY. ALL DRIVEWAYS THAT ARE TO BE RECONSTUCTED SHALL BE REPLACED, ASPHALT FOR ASPHALT AND CONCRETE FOR CONCRETE.
EARTH DRIVES SHALL BE PAVED WITH ASPHALT WITHIN RIGHT-OF-WAY LIMITS AND AGGREGATE SURFACE COURSE FOR TIE-INS WITHIN EASEMENTS OUTSIDE OF RIGHT-OF-WAY.
THE DRIVEWAY LOCATIONS INDICATED ON THE PLANS ARE FROM THE BEST AVAILABLE DATA. THE CONTRACTOR SHALL CONSTRUCT NEW DRIVEWAYS TO MATCH THE ACTUAL FIELD LOCATION OF EXISTING DRIVEWAYS WHERE THEY ARE NOT IN CONFLICT WITH THE RULES AND REGULATIONS. THE CONTRACTOR SHALL OBTAIN THE APPROVAL OF THE ENGINEER PRIOR TO MAKING ANY REVISIONS SUCH AS TO LOCATION, WIDTH AND/OR NUMBER OF DRIVES TO BE CONSTRUCTED. WHERE REQUIRED, THE DRIVES SHALL BE PAVED AS FOLLOWS:

ASPHALTIC AND EARTH DRIVES TO RIGHTS-OF-WAY
RESIDENTIAL - 135 LBS/SY 9.5 mm SUPERPAVE
- 6" GRADED AGGREGATE BASE

COMMERCIAL - 135 LBS/SY 9.5 mm SUPERPAVE
- 220 LBS/SY 19 mm SUPERPAVE
- 6" GRADED AGGREGATE BASE

CONCRETE DRIVES
RESIDENTIAL - 6" CONCRETE VALLEY GUTTER
- 4" CONCRETE DRIVEWAY

COMMERCIAL - 8" CONCRETE VALLEY GUTTER
- 6" CONCRETE DRIVEWAY

EARTH DRIVES OUTSIDE OF RIGHT OF WAY
- 6" AGGREGATE SURFACE COURSE

3. A NOTICE OF INTENT (NOI) IS REQUIRED.

4. 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.

5. THERE IS NO SUITABLE PLACE TO BURY THE EXISTING BRIDGE/CONSTRUCTION DEBRIS WITHIN THE PROJECT'S LIMITS. THE CONTRACTOR SHALL PROVIDE AN ENVIRONMENTALLY APPROVED SITE TO DISPOSE OF THE EXISTING BRIDGE/CONSTRUCTION DEBRIS AT NO ADDITIONAL COST TO THE DEPARTMENT.

6. "CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING AND FURNISHING HIS OWN BORROW/WASTE PITS FOR THIS PROJECT AT NO ADDITIONAL COST TO THE DEPARTMENT. FURTHERMORE, THE CONTRACTOR SHALL NOTIFY THE DISTRICT MATERIALS ENGINEER A MINIMUM OF 6 WEEKS PRIOR TO ANY LAND DISTURBING ACTIVITIES ON THE BORROW/WASTE PIT TO ALLOW AMPLE TIME FOR A MATERIALS INVESTIGATION AND AN ENVIRONMENTAL EVALUATION."

7. THE CONTRACTOR SHALL REMOVE, STORE AND REPLACE THE MEMORIAL PLAQUE (CHRIS CALLIER BRIDGE) AT THE NORTH END OF THE BRIDGE.

8. BOAT RAMP SHALL REMAIN OPEN AT ALL TIMES DURING CONSTRUCTION.

9. STREAM I SHALL BE PLACED INTO A NATURAL CHANNEL DURING RELOCATION.

10. THE PM AND/OR CONSTRUCTION/AREA ENGINEER WILL NOTIFY THE PROJECT ECOLOGIST AT THE OFFICE OF ENVIRONMENTAL SERVICES WHEN PROJECT TIME HAS BEEN STOPPED AND SUBSTANTIAL COMPLETION HAS BEEN OBTAINED.

11. CONTRACTOR'S OVERALL BID PRICE FOR THE PROJECT SHALL INCLUDE THE PRICE OF FLOWABLE FILL TO PLUG AND FILL EXISTING CROSS DRAINS THAT ARE TO REMAIN.

12. CONTRACTORS OVERALL BID PRICE FOR THE PROJECT SHALL INCLUDE THE PRICE OF REMOVAL OF EXISTING PIPES AS NOTED ON PLANS.

pH 6.5
Resistivity 11000

Project No.: BHSLB-0656-00(002) **County:** TALBOT/UPSON **P.I. No.:** 0343110

Pipe Culvert Material Alternates
For Piedmont/Blue Ridge Region

TYPE OF PIPE INSTALLATION				CONCRETE	CORRUGATED STEEL AASHTO M-36		CORRUGATED ALUMINUM AASHTO M-196	PLASTIC			
					ALUMINUM COATED (TYPE 2) CORR. STEEL	PLAIN ZINC COATED	PLAIN UNCOATED ALUMINUM	CORR. POLY-ETHYLENE AASHTO M-252	CORR. POLY-ETHYLENE SMOOTHED LINED AASHTO M-294 TYPE "S"	POLY VINYL CHLORIDE (PVC) PROFILE WALL AASHTO M-304	POLY VINYL CHLORIDE (PVC) CORRUGATED SMOOTH INTERIOR ASTM F-949
STORM DRAIN	LONGITUDINAL INTERSTATE AND TRAVEL BEARING			X							
	LONGITUDINAL NON-INTERSTATE AND NON-TRAVEL BEARING			X	X		X		X	X	X
	CROSS DRAIN	GRADE ≤ 10%	ADT < 250	X	X	X	X		X	X	X
			250 < ADT < 1,500	X	X*		X		X	X	X
			1,500 < ADT < 15,000	X					X	X	X
			ADT > 15,000	X							
		GRADE > 10%	ADT < 250		X	X	X		X	X	X
			ADT > 250				X		X	X	X
SIDE DRAIN				X	X	X	X		X	X	X
PERMANENT SLOPE DRAIN					X	X	X		X	X	X
PERFORATED UNDERDRAIN					X	X	X	X	X		X

* This type pipe can be used if the addition of Type "B" Coating (AASHTO M-190, Half Bituminous Coated with Paved Invert) is utilized.

NOTES:

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).

4 The Contractor shall provide additional storm sewer capacity calculations if a pipe material other than concrete is selected.

5 Pipe used under mechanically stabilized earth (MSE) walls, within MSE wall backfill, or within five feet of an MSE wall face shall be Class V Concrete Pipe.

6 Project specific pH and Resistivity values are entered into the respective boxes above to determine allowable pipe materials.

Rev. 03-22-10