

PROJECT NOTES

1. THERE IS NO SUITABLE AREA WITHIN THE EXISTING RIGHT OF WAY OF THIS PROJECT FOR THE DISPOSAL OF ANY PARTS OF THE EXISTING BRIDGES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AT NO ADDITIONAL COST TO THE DEPARTMENT TO PROVIDE FOR THE PROPER DISPOSAL, INCLUDING DISPOSAL SITE, OF ALL UNSALVAGED COMPONENTS OF THESE BRIDGES.
2. DRIVES SHALL BE CONSTRUCTED USING:
 ASPHALT - ASPH CONC 9.5mm SUPERPAVE (135 LB/SY)
 GRADED AGGREGATE BASE, 6"
 CONCRETE - RESIDENTIAL - DRIVEWAY CONCRETE, 4" THICK
3. A NOTICE OF INTENT (NOI) FOR STORMWATER DISCHARGE IS REQUIRED FOR THIS PROJECT
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ANY BORROW/WASTE PITS AT NO ADDITIONAL COST TO THE DEPARTMENT. THE CONTRACTOR SHALL ALSO NOTIFY THE DISTRICT MATERIALS ENGINEER AT LEAST SIX WEEKS PRIOR TO ANY LAND DISTURBING ACTIVITIES IN THE PIT AREAS TO ALLOW ADEQUATE TIME FOR MATERIAL INVESTIGATION AND ENVIRONMENTAL INVESTIGATION
5. THE CONTRACTOR SHALL COORDINATE WITH OWNER OF MONITORING EQUIPMENT ON THE NEW RIVER BRIDGE FOR SUCCESSFUL REMOVAL AND POTENTIAL REATTACHMENT.
6. PLUG ALL PIPES THAT ARE TO BE ABANDONED AND FILL WITH FLOWABLE FILL. COST TO BE INCLUDED WITH GRADING COMPLETE, UNLESS NOTES ON THE PLANS TO DO OTHERWISE
7. DRIVEWAYS WILL BE PAVED BACK TO THE TIE-IN POINT OR REQUIRED RIGHT OF WAY WHICHEVER IS GREATER. DIRT DRIVEWAYS WILL PAVED WITH ASPHALT TO THE R/W LINE AND CONTINUED WITH AGGREGATE SURFACE COURSE TO THE TIE-IN POINT. ALL DRIVEWAYS SHALL BE CONSTRUCTED AT A WIDTH OF 14' UNLESS OTHERWISE NOTED IN THE PLANS.
8. ROCK EMBANKMENT TO BE PLACED IN WET, MUDDY AREAS INUNDATED WITH GROUND WATER AS DIRECTED BY THE ENGINEER IN ORDER TO FACILITATE THE CONSTRUCTION OF THE FILLS IN LOW LYING AREAS.

SERVICE	UTILITY OWNER
ELECTRICAL	DIVERSE POWER
GAS	NONE
SEWER	NONE
WATER	HEARD COUNTY WATER AUTHORITY
TELEPHONE	AT&T (F. K. A. BELL SOUTH)
RAILROAD	NONE
CABLE TV	CHARTER COMMUNICATIONS
OTHER	PLANTATION PIPELINE COMPANY

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) CORR. SMOOTH INTERIOR ASTM F-949	
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 < 1500	X	X*		X	X	X	X
CROSS DRAIN	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	X	X
PERMANENT SLOPE DRAIN		X	X	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-190, HALF BITUMINOUS COATED WITH PAVED INVERT) IS UTILIZED.

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).

ENVIRONMENTAL RESOURCES IMPACT TABLE

RESOURCE NAME/TYPE	LOCATION		SIDE	CONSTRUCTION ACTIVITY	PERMITTED ACTIVITY	CONTROLLING CRITERIA	SPECIAL PROVISION	COMMENTS INCLUDING ANY PERMIT EXPIRATION DATES
	BEGINNING STA	ENDING STA						
STREAM *1A	STA 108+90	STA 111+40	LEFT	CONSTRUCTION OF DITCH	CLEAR & GRUB, CUT & FILL, AND GRADING	STREAM BUFFER VARIANCE	NONE	CONTRACTOR SHALL DIRECT QUESTIONS TO THE ENGINEER, AND THE ENGINEER SHALL CONTACT ENVIRONMENTAL SERVICES IF NECESSARY FOR RESOLUTION.
STREAM *1	STA 117+05	STA 117+90	RIGHT & LEFT	CONSTRUCTION OF BRIDGE OVER CLEAR CREEK	CLEAR & GRUB, CUT & FILL, AND BRIDGE CONSTRUCTION	NONE	NONE	CONTRACTOR SHALL DIRECT QUESTIONS TO THE ENGINEER, AND THE ENGINEER SHALL CONTACT ENVIRONMENTAL SERVICES IF NECESSARY FOR RESOLUTION.
ESA	STA 180+00	STA 186+90	RIGHT	NONE	CONTRACTOR SHALL NOT ENCR OACH ON ESA	NONE	NONE	CONTRACTOR SHALL DIRECT QUESTIONS TO THE ENGINEER, AND THE ENGINEER SHALL CONTACT ENVIRONMENTAL SERVICES IF NECESSARY FOR RESOLUTION.
STREAM *2A	STA 184+15	STA 187+70	RIGHT	NONE	CONTRACTOR SHALL NOT ENCR OACH ON STREAM *2A OR BUFFERS	NONE	NONE	CONTRACTOR SHALL DIRECT QUESTIONS TO THE ENGINEER, AND THE ENGINEER SHALL CONTACT ENVIRONMENTAL SERVICES IF NECESSARY FOR RESOLUTION. NO CONSTRUCTION ACTIVITY NECESSARY IN THE VICINITY OF STREAM *2.
STREAM *2	STA 187+60	STA 189+20	RIGHT & LEFT	CONSTRUCTION OF BRIDGE OVER NEW RIVER	CLEAR & GRUB, CUT & FILL, AND BRIDGE CONSTRUCTION	NONE	NONE	CONTRACTOR SHALL DIRECT QUESTIONS TO THE ENGINEER, AND THE ENGINEER SHALL CONTACT ENVIRONMENTAL SERVICES IF NECESSARY FOR RESOLUTION.
STREAM *3	STA 176+70	STA 178+55	LEFT	CONSTRUCTION OF WALL AND ROADWAY	CLEAR & GRUB, CUT & FILL, FOR ROADWAY & WALL CONSTRUCTION	STREAM BUFFER VARIANCE	NONE	CONTRACTOR SHALL DIRECT QUESTIONS TO THE ENGINEER, AND THE ENGINEER SHALL CONTACT ENVIRONMENTAL SERVICES IF NECESSARY FOR RESOLUTION.
WETLAND *4	STA 173+45	STA 180+50	LEFT	CONSTRUCTION OF WALL AND ROADWAY	CLEAR & GRUB, CUT & FILL, FOR ROADWAY & WALL CONSTRUCTION	NONE	NONE	CONTRACTOR SHALL DIRECT QUESTIONS TO THE ENGINEER, AND THE ENGINEER SHALL CONTACT ENVIRONMENTAL SERVICES IF NECESSARY FOR RESOLUTION.
WETLAND *5	STA 183+90	STA 185+40	LEFT	CONSTRUCTION OF FILL SLOPE	CLEAR & GRUB, AND CUT & FILL	NONE	NONE	CONTRACTOR SHALL DIRECT QUESTIONS TO THE ENGINEER, AND THE ENGINEER SHALL CONTACT ENVIRONMENTAL SERVICES IF NECESSARY FOR RESOLUTION.
WETLAND *6	STA 187+65	STA 194+50	LEFT	CONSTRUCTION OF ROADWAY	CLEAR & GRUB, CUT & FILL, AND ROADWAY & BRIDGE CONSTRUCTION	NONE	NONE	CONTRACTOR SHALL DIRECT QUESTIONS TO THE ENGINEER, AND THE ENGINEER SHALL CONTACT ENVIRONMENTAL SERVICES IF NECESSARY FOR RESOLUTION.
STREAM *7	STA 195+40	STA 205+85	RIGHT & LEFT	CONSTRUCTION OF FILL SLOPE, DITCH AND DRAINAGE	CLEAR & GRUB, CUT & FILL, AND CONSTRUCT 60" PIPE	STREAM BUFFER VARIANCE	NONE	CONTRACTOR SHALL DIRECT QUESTIONS TO THE ENGINEER, AND THE ENGINEER SHALL CONTACT ENVIRONMENTAL SERVICES IF NECESSARY FOR RESOLUTION.
EPHEMERAL STREAM *8	STA 201+80	STA 202+55	RIGHT	NONE	CONTRACTOR SHALL NOT ENCR OACH ON EPHEMERAL STREAM *8	NONE	NONE	CONTRACTOR SHALL DIRECT QUESTIONS TO THE ENGINEER, AND THE ENGINEER SHALL CONTACT ENVIRONMENTAL SERVICES IF NECESSARY FOR RESOLUTION. NO CONSTRUCTION ACTIVITY IS NECESSARY IN THE VICINITY OF EPHEMERAL STREAM *8.
STREAM	STA 189+40	STA 190+19	LEFT	CONSTRUCTION OF BRIDGE OVER NEW RIVER	CLEAR & GRUB, CUT & FILL, AND BRIDGE CONSTRUCTION	NONE	NONE	CONTRACTOR SHALL DIRECT QUESTIONS TO THE ENGINEER, AND THE ENGINEER SHALL CONTACT ENVIRONMENTAL SERVICES IF NECESSARY FOR RESOLUTION.



**Know what's below.
Call before you dig.**



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**GEORGIA
DEPARTMENT
OF
TRANSPORTATION**

REVISION DATES

2-14-12		
4-10-12		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE OF PROGRAM DELIVERY
GENERAL NOTES

**SR 100 OVER CLEAR CREEK
& NEW RIVER**

DRAWING No.
4-001

PROJECT NO. 15281275

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