

GENERAL NOTES cont.

12. ALL REFERENCES TO COLOR CONCRETE SHALL MEAN AND DEEMED TO MEAN INTEGRAL COLORED STAMPED CONCRETE SIDEWALK. THE STAMP PATTERN SHALL MATCH THE EXISTING. MEASUREMENT AND PAYMENT - NO SEPARATE MEASUREMENT SHALL BE MADE. PRICE FOR COLOR CONCRETE SHALL BE INCLUDED IN THE UNIT PRICE FOR SIDEWALK 4" OR 8" WHERE APPLICABLE.

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

pH 6.1
Resistivity 10001

Project No.: 10363 County: Cobb P.I. No.: 0010363

Pipe Culvert Material Alternates

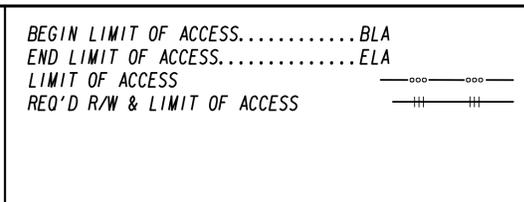
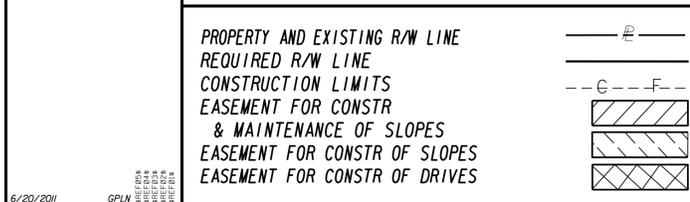
For Piedmont/Blue Ridge Region

TYPE OF PIPE INSTALLATION	CONCRETE	CORRUGATED STEEL AASHTO M-36		CORRU-GATED 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 SMOOTH 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
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
		250 < ADT < 1500	X	X*	X	X	X	X
		1500 < 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 Pavement Inert) 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

Resource Name/Type	Location			Construction Activity	Permitted Activity	Controlling Criteria	Special Provision?	Comments including any Permit Expiration Dates
	Beginning STA	Ending STA	Side					
NONE								



STATE OF GEORGIA
 DEPARTMENT OF TRANSPORTATION
 OFFICE: PROGRAM DELIVERY

GENERAL NOTES

OPERATIONAL IMPROVEMENTS TO SR 280
 WB APPROACH TO I-285 NB ON RAMP

DRAWING NO. 4-002