

PROJECT SPECIFIC NOTES

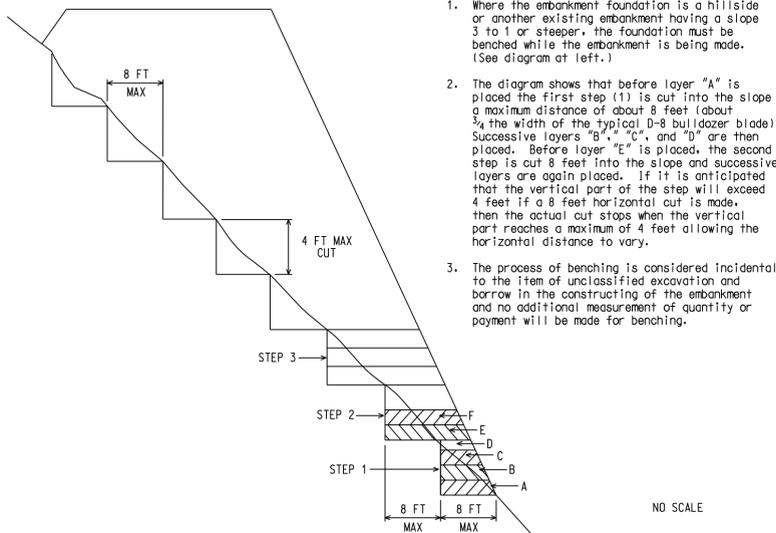
- PRIOR TO CLEARING AND CONSTRUCTION ACTIVITIES COMMENCING, THE CONTRACTOR SHALL PLACE THE ORANGE CONSTRUCTION/SAFETY BARRIER FENCE IN AREAS NOTED IN THE PLANS AS ENVIRONMENTALLY SENSITIVE AREAS (ESA) TO ENSURE THAT THE ESA IS NOT ADVERSELY IMPACTED DURING PROJECT CONSTRUCTION.
- THIS PROJECT REQUIRES A NOTICE OF INTENT (NOI).
- THE CONTRACTOR SHALL FIND, AT NO ADDITIONAL COST TO THE DEPARTMENT, ENVIRONMENTALLY APPROVED BORROW AND DISPOSAL SITES TO DISPOSE OF THE EXISTING BRIDGE AND CONSTRUCTION DEBRIS.
- ALL WHEELCHAIR RAMPS/CURB RADII SHALL BE CONCRETE 8 INCHES IN DEPTH.
- ALL EXISTING MARTA BUS STOP SIGNS SHALL BE REMOVED AND RESET.

ALL DRIVEWAYS THAT ARE TO BE RECONSTRUCTED SHALL BE PAVED BACK TO THE R/W, BEYOND THE R/W, ALL RECONSTRUCTED DRIVES SHALL BE REPLACED IN KIND, I.E. ASPHALT FOR ASPHALT, CONCRETE FOR CONCRETE, AND G.A.B. FOR GRAVEL OR EARTH, EXCEPT AS NOTED ON THE PLANS. THE DEPTH OF MATERIALS SHALL BE AS FOLLOWS:

ASPHALT DRIVEWAYS:	RESIDENTIAL:	12.5 MM SUPERPAVE, 165 LBS/SY 19MM SUPERPAVE, 220LBS/SY G.A.B., 6 IN. DEPTH
	COMMERCIAL:	12.5 MM SUPERPAVE, 165 LBS/SY 19 MM SUPERPAVE, 220 LBS/SY G.A.B., 8 IN. DEPTH
CONCRETE DRIVEWAYS:	RESIDENTIAL:	6" CONCRETE VALLEY GUTTER
	COMMERCIAL:	8" CONCRETE VALLEY GUTTER
GRAVEL OR EARTH DRIVEWAYS:	ALL TYPES:	12.5 MM SUPERPAVE, 165 LBS/SY G.A.B., 6 IN. DEPTH

ALL EXISTING PIPES WITHIN PROJECT LIMITS TO BE REMOVED UNLESS OTHERWISE NOTED.

BENCHING DETAIL



- Where the embankment foundation is a hillside or another existing embankment having a slope 3 to 1 or steeper, the foundation must be benched while the embankment is being made. (See diagram at left.)
- The diagram shows that before layer "A" is placed the first step (1) is cut into the slope a maximum distance of about 8 feet (about 1/4 the width of the typical D-8 bulldozer blade). Successive layers "B", "C", and "D" are then placed. Before layer "E" is placed, the second step is cut 8 feet into the slope and successive layers are again placed. If it is anticipated that the vertical part of the step will exceed 4 feet if a 8 feet horizontal cut is made, then the actual cut stops when the vertical part reaches a maximum of 4 feet allowing the horizontal distance to vary.
- The process of benching is considered incidental to the item of unclassified excavation and borrow in the constructing of the embankment and no additional measurement of quantity or payment will be made for benching.

UTILITY OWNERS

AGL NETWORKS L.P. JOSH NELSON 404 584 4268	AGL RESOURCES, INC WAYNE JACAS 404 584 4318	AT&T BELLSOUTH DAVID WAGONER 770 493 3722
CITY OF ATLANTA DOUG SMITH 404 982 1446	COMCAST DAN DOBRINSKA 770 559 6884	FIBERLIGHT, LLC DELL MILLER 678 347 9271
FULTON COUNTY DEPARTMENT OF PUBLIC WORKS ABUL HOWLADER 404 612 7537	GEORGIA POWER COMPANY DISTRIBUTION MIKE WATKINS 770 216 1433	GEORGIA POWER COMPANY NETWORK UNDERGROUND CARLOS DE BONET 404 506 4426
LEVEL 3 COMMUNICATION TOM DROLET 678 534 2478	TIME WARNET TELECOM INC JIM PARSONS 678 526 3767	CITY OF SANDY SPRINGS CHRIS WATERS 770 206 2534
VERIZON BUSINESS DENNIS RAINEY 478 471 1042	XO COMMUNICATIONS BARRY LONG 673 431 5358	

PROJECT NO.: CSNHS-0008-00(415)		COUNTY: FULTON				P.I. NO.: 0008415		
Pipe Culvert Material Alternates For Piedmont/Blue Ridge Region								
TYPE OF PIPE INSTALLATION	C O N C R E T E	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 "5"	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	
S T O R M D R A I N	C R O S S D R A I N	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%		X	X	X	X	
		GRADE > 10%		X	X	X	X	
SIDE DRAIN		X	X	X	X	X	X	
PERMANENT SLOPE DRAIN			X	X	X	X	X	
PERFORATED UNDERDRAIN			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:

- Allowable materials are indicated by an "X".
- 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.
- Graded aggregate backfill shall be used in cross drain applications for all plastic pipes (AASHTO M-294, HDPE pipe, AASHTO M-304, ASTM F-949, PVC pipe). See attached approved pipe chart.
- Contractor shall provide additional storm water capacity calculations if a pipe material other than concrete is selected for use on this project.



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

RELEASED FOR CONSTRUCTION 11/04/09



REVISION DATES

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