

1. THERE WILL BE NO STAGING OF EQUIPMENT WITHIN THE HISTORIC/ARCHEOLOGICAL SITE BOUNDARIES.
2. ANY CONTAMINATED SOIL FOUND WITHIN THE PROJECT'S LIMITS SHALL BE DISPOSED OF AT AN APPROVED SITE. THE WORK WILL BE DONE AT NO ADDITIONAL COST TO THE DEPARTMENT.
- 3.



Know what's below.  
 Call before you dig.

4. INGRESS AND EGRESS SHALL BE MAINTAINED AT ALL TIMES TO ADJACENT PROPERTIES DURING CONSTRUCTION UNLESS OTHERWISE INDICATED IN THE PLANS.
5. NO SEPARATE PAYMENT WILL BE MADE FOR THE EARTHWORK OPERATIONS REQUIRED FOR DETOUR CONSTRUCTION. THE COST OF DETOUR GRADING AND EARTHWORK OPERATIONS REQUIRED SOLELY FOR DETOURS SHALL BE INCLUDED IN THE PRICE FOR UNCLASSIFIED EXCAVATION.
6. ALL THE FOLLOWING UTILITY OWNERS WERE REPORTED TO HAVE FACILITIES WITHIN THE VICINITY OF THIS PROJECT. UTILITIES FOUND WITHIN THE PROJECTS LIMITS ARE INDICATED BELOW. THESE FACILITIES ARE ALSO SHOWN ON THE PLANS HEREON.

UTILITY OWNERS	TYPE OF FACILITY
SAWNEE EMC	ELECTRIC
FORSYTH COUNTY WATER	
CITY OF CUMMING	WATER
CITY OF CUMMING	SEWER
ATLANTA GAS LIGHT	GAS
AT&T(BELLSOUTH)	TELEPHONE
AT&T (FIBER)	TELEPHONE (FIBER)
COMCAST	CATV

7. ALL BORROW 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.
8. A NOTICE OF INTENT (NOI) IS REQUIRED FOR THIS PROJECT.
9. THE CONTRACTOR WILL INSURE THAT POSITIVE AND ADEQUATE DRAINAGE IS MAINTAINED AT ALL TIMES WITHIN THE PROJECT LIMITS. THIS MAY INCLUDE, BUT NOT BE LIMITED TO REPLACEMENT OR RECONSTRUCTION OF EXISTING DRAINAGE STRUCTURES THAT HAVE BEEN DAMAGED OR REMOVED, OR REGRADING AS REQUIRED BY THE ENGINEER. EXCEPT FOR THOSE DRAINAGE ITEMS SHOWN AT SPECIFIC LOCATIONS IN THE PLANS AND HAVING PAY ITEMS IN THE DETAIL ESTIMATE, NO SEPARATE PAYMENT WILL BE MADE FOR ANY COST INCURRED TO COMPLY WITH THIS REQUIREMENT.
10. UTILITY IS RESPONSIBLE FOR CLEARING ANY EASEMENT OBTAINED OUTSIDE OF DOT EASEMENT OR R/W.
11. ALL ADA RAMPS WITHIN THE RADII SHALL BE 8 INCH CONCRETE.
12. IF BEING REPLACED, ALL EXISTING SIDE DRAIN PIPES ARE TO BE REMOVED. ALL OTHER EXISTING PIPES TO REMAIN UNLESS OTHERWISE NOTED ON PLANS.
13. THERE IS NO SUITABLE PLACE TO BURY CONSTRUCTION DEBRIS WITHIN THE PROJECT'S LIMITS. THE CONTRACTOR SHALL PROVIDE AN ENVIRONMENTALLY APPROVED SITE TO DISPOSE OF EXISTING CONSTRUCTION DEBRIS AT NO ADDITIONAL COST TO THE DEPARTMENT.

## PROJECT NOTES

### DRIVEWAY REPLACEMENT TABLE

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 DOT RIGHTS OF WAY. ALL DRIVEWAYS THAT ARE TO BE RECONSTRUCTED SHALL BE REPLACED IN KIND, I.E., ASPHALT FOR ASPHALT, CONCRETE FOR CONCRETE. FOR EARTH DRIVES, ASPHALT PAVING WILL BE REQUIRED UP TO THE R/W LINE. AGGREGATE SURFACE COURSE WILL BE USED OTHERWISE. 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 DRIVES**

- RESIDENTIAL - 6" CONCRETE VALLEY GUTTER (WHERE REQ'D)
- RECYCLED ASPHALTIC CONCRETE 12.5 mm SUPERPAVE (165 lb/sy)
- 6" GRADED AGGREGATE BASE

**COMMERCIAL**

- RECYCLED ASPHALTIC CONCRETE 12.5 mm SUPERPAVE (165 lb/sy)
- 8" CONCRETE VALLEY GUTTER
- RECYCLED ASPHALTIC CONCRETE 19 mm SUPERPAVE (220 lb/sy)
- 6" GRADED AGGREGATE BASE

**CONCRETE DRIVES**

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

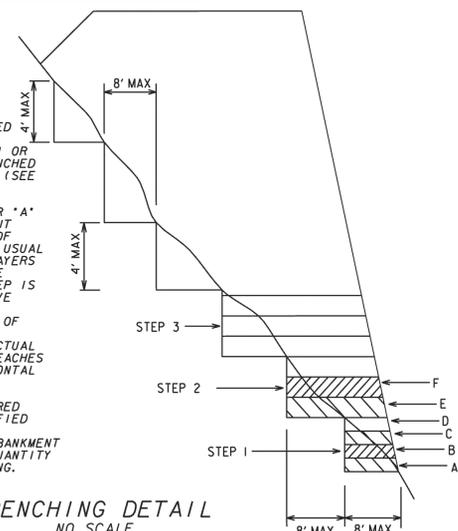
**COMMERCIAL**

- 8" CONCRETE VALLEY GUTTER
- 6" DRIVEWAY CONCRETE

REVISED 9/29/2008

1. WHERE THE EMBANKMENT IS TO BE PLACED ON A HILLSIDE OR ANOTHER EXISTING EMBANKMENT HAVING A SLOPE OF 3 TO 1 OR STEEPER, THE FOUNDATION MUST BE BENCHING WHILE THE EMBANKMENT IS BEING MADE (SEE DIAGRAM AT LEFT)
2. THE DIAGRAM SHOWS THAT BEFORE LAYER "A" IS PLACED THE FIRST STEP (1) IS CUT INTO THE SLOPE A MAXIMUM DISTANCE OF ABOUT 8" (ABOUT 1/4 THE WIDTH OF THE USUAL D-8 BULLDOZER BLADE). SUCCESSIVE LAYERS B, C, AND D ARE THEN PLACED. BEFORE LAYER "E" IS PLACED, THE SECOND STEP IS CUT 8" INTO THE SLOPE AND SUCCESSIVE LAYERS ARE AGAIN PLACED. IF IT IS ANTICIPATED THAT THE VERTICAL PART OF THE STEP WILL EXCEED 4" IF AN 8" HORIZONTAL CUT IS MADE, THEN THE ACTUAL CUT STOPS WHEN THE VERTICAL PART REACHES A MAXIMUM OF 4" ALLOWING THE HORIZONTAL DISTANCE TO VARY.
3. THE PROCESS OF BENCHING IS CONSIDERED INCIDENTAL TO THE ITEM OF UNCLASSIFIED EXCAVATION AND BORROW OR GRADING COMPLETE IN CONSTRUCTION OF THE EMBANKMENT AND NO ADDITIONAL MEASUREMENT OF QUANTITY OR PAYMENT WILL BE MADE FOR BENCHING.

BENCHING DETAIL  
 NO SCALE



# VOID

REV: 3-22-10

PH 6.1 RESISTANCE 10000	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 SMOOTHED AASHTO M-252	HDPE PIPE SMOOTHED AASHTO M-294 TYPE "S"	POLY VINYL CHLORIDE (PVC) PROFILE WALL AASHTO M-304	POLY VINYL CHLORIDE (PVC) CORRUGATED SMOOTH INTERIOR ASTM F-949
TYPE OF PIPE INSTALLATION								
LONGITUDINAL INTERSTATE AND TRAVEL BEARING	X							
LONGITUDINAL NON-INTERSTATE AND NON-TRAVEL BEARING	X	X		X		X	X	X
STORM DRAINS GRADE ≤ 10%	ADT < 250	X	X	X	X	X	X	X
	ADT 250-1500	X	X*	X		X	X	X
	ADT 1500-15000	X				X	X	X
RAINFALL 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. Standard 1030-D or 1030-P, whichever is applicable, and the Standard Specifications.

NOTE:

- 1.) All materials are indicated by an "X".
- 2.) Structural requirements of storm drain pipe will be in accordance with Georgia
- 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.) All facilities to be abandoned with an inside diameter larger than 6 inches shall be grout filled 100%.

NOTES FOR RIGHT OF WAY PLANS

- a. GDOT agrees to accept a Temporary Construction Easement rather than a Permanent Easement along River Club Drive for the Project. For Parcel 68, the permanent easements will be changed to temporary easements for the area outlined by the following points on the State of Georgia Department of Transportation, Right of Way Map, dated March 3, 2010 (the "Map"): KC25041, KC35197, KC35008, KC35009, KC35010, SVP5353, SVP5354, SVP5355, SVP5356, KC25042, and KC25041. For Parcel 70, the permanent easements will be changed to temporary easements for the area outlined by the Map: KC35006, KC35007, SVP5340, KC25043, KC25044, and KC35006. A copy of the Map is attached hereto as Exhibit "B."
- b. GDOT agrees and will include on the final plans that the center island constructed on River Club Drive between the entrance and exit lanes is to be filled with dirt and not concrete.
- c. GDOT agrees and will include on the final plans that the guard house island and the pavers on each side of it will not be disturbed before, during or after construction.
- d. GDOT will be responsible for replacing and properly grading all asphalt up to the pavers. This term will also be noted on the final plans.
- e. GDOT agrees and will include on the final plans that the beds north of curb cuts onto Parcel 68 and Parcel 70 will be left undisturbed. These beds contain \$52,000 of stone walls which are not included in the GDOT offer.



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REVISION DATES

STATE OF GEORGIA  
 DEPARTMENT OF TRANSPORTATION  
 OFFICE: PROGRAM DELIVERY

GENERAL NOTES  
 S. R. 20 BUFORD HIGHWAY

DRAWING No.  
 4-01