

# GENERAL NOTES

1. 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 GEORGIA DEPARTMENT OF TRANSPORTATION RIGHTS-OF-WAY. ALL DRIVEWAYS THAT ARE TO BE RECONSTRUCTED SHALL BE REPLACED, IN KIND, I.E., ASPHALT FOR ASPHALT, CONCRETE FOR CONCRETE, AND ASPHALTIC CONCRETE DRIVEWAY FOR EARTH. 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 - RECYCLED ASPHALTIC CONCRETE 12.5mm SUPERPAVE GP. 2 ONLY, INCL. BITUM MATL. AND H. LIME - 165 IBS/SY  
8" GRADED AGGREGATE BASE
  - COMMERCIAL - RECYCLED ASPHALTIC CONCRETE 12.5mm SUPERPAVE, GP. 2 ONLY, INCL. BITUM MATL. AND H. LIME - 165 IBS/SY  
- RECYCLED ASPHALTIC CONCRETE 19mm SUPERPAVE, GP 1 OR 2, INCL. BITUM MATL. AND H. LIME - 220 IBS/SY  
8" GRADED AGGREGATE BASE
- CONCRETE DRIVES
  - RESIDENTIAL - 6" CONCRETE VALLEY GUTTER  
6" CONCRETE DRIVEWAY
  - COMMERCIAL - 8" CONCRETE VALLEY GUTTER  
8" CONCRETE DRIVEWAY

2. EXISTING UTILITIES PROVIDED BY SUE CONSULTANT

PIPE CULVERT MATERIAL ALTERNATES FOR PIEDMONT/BLUE RIDGE REGION							
TYPE OF PIPE INSTALLATION	CONCRETE	CORRUGATED STEEL AASHTO M-36		CORRUGATED ALUMINUM AASHTO M-95	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
LONGITUDINAL INTERSTATE AND TRAVEL BEARING	X						
LONGITUDINAL NON-INTERSTATE AND NON-TRAVEL BEARING	X				X	X	X
CROSS GRADE < 10%	ADT < 250	X			X	X	X
	250 < ADT < 1500	X			X	X	X
CROSS GRADE > 10%	1500 < ADT < 15000	X			X	X	X
	ADT > 15000	X					
SIDE DRAIN	ADT < 250				X	X	X
	ADT > 250				X	X	X
PERMANENT SLOPE DRAIN		X	X	X	X	X	X
PERFORATED UNDERDRAIN		X	X	X	X	X	X

- NOTE:
- 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 BACK FILL SHALL BE USED IN CROSS DRAIN FOR ALL PLASTIC PIPES (AASHTO M-294, HDPE PIPE, AASHTO M-304, PVC PIPE, ASTM F-949, PVC PIPE)
  - THE CONTRACTOR SHALL PROVIDE ADDITIONAL STORM SEWER CAPACITY CALCULATIONS IF A PIPE MATERIAL OTHER THAN CONCRETE IS USED.
  - 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.
  - PROJECT SPECIFIC OH AND RESISTIVITY VALUES ARE ENTERED INTO THE RESPECTIVE BOXES ABOVE TO DETERMINE ALLOWABLE PIPE MATERIALS.

# PROJECT NOTES

- A NOTICE OF INTENT (NOI) IS REQUIRED FOR THIS PROJECT.
- STRUCTURES, TREES, SHRUBS, AND OTHER PLANT MATERIAL THAT FALL WITHIN THE RIGHT-OF-WAY AND EASEMENT LIMITS, BUT OUTSIDE THE LIMITS OF CONSTRUCTION, SHALL NOT BE DISTURBED UNLESS OTHERWISE NOTED ON THE PLANS.
- ANY SAW CUTTING OF EXISTING ASPHALTIC CONCRETE PAVEMENT TO BE INCLUDED IN PRICE FOR GRADING COMPLETE.
- THE FOLLOWING UTILITIES HAVE FACILITIES IN THE PROJECT AREA:
  - ELECTRICAL: CITY OF CALHOUN, GEORGIA POWER CO. (DISTRIBUTION)
  - GAS: ATLANTA GAS LIGHT COMPANY
  - SEWER: CITY OF CALHOUN
  - WATER: CITY OF CALHOUN
  - TELEPHONE: AT&T (BELLSOUTH), CITY OF CALHOUN
  - CABLE TV: COMCAST COMMUNICATIONS
- THE SOILS NEAR THE PROPOSED GRADE AT STATIONS: 114+80 TO 120+00, LT AND 121+50 TO 122+00, LT WERE FOUND TO HAVE IN-PLACE MOISTURE CONTENTS FAR ABOVE THE OPTIMUM MOISTURE CONTENTS. THIS CONDITION HAS THE POTENTIAL TO CAUSE SEVERE PUMPING PROBLEMS DURING SUBGRADE AND BASE CONSTRUCTION. AFTER EXCAVATION IN THESE AREAS IS COMPLETE, IT IS RECOMMENDED THAT 24 INCHES OF SUBGRADE SOILS BENEATH THE PAVEMENT AND SHOULDERS BE REMOVED AND EITHER DRIED OUT AND REPLACED, OR REPLACED WITH DRIER SOILS. THIS WORK SHOULD BE DONE AT THE DIRECTION OF THE ENGINEER, AND MAY BE ELIMINATED IF THE SUBGRADE SOILS ARE DRY AND STABLE AT THE TIME OF CONSTRUCTION. THE COST FOR THIS SHALL BE INCLUDED IN GRADING COMPLETE.
- IN ACCORDANCE WITH SOIL SURVEY REPORT, DITCHING WILL BE REQUIRED PRIOR TO CONSTRUCTION OF THE EMBANKMENT IN AREA STA. 115+00 TO 116+00 LT. IF INUNDATED AND NOT FEASIBLE TO DRAIN DURING CONSTRUCTION, A MAT OF ROCK EMBANKMENT SHOULD BE PLACED TO A HEIGHT OF 18 INCHES ABOVE THE WATER LEVEL PRIOR TO PLACING NORMAL FILLS. THE COST FOR THIS SHALL BE INCLUDED IN GRADING COMPLETE.
- ANY UNKNOWN UST SYSTEMS THAT MAY BE DISCOVERED DURING PROJECT CONSTRUCTION WILL BE REMOVED IN ACCORDANCE WITH GDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION, SECTION 217-REMOVAL OF UNDERGROUND STORAGE TANKS.
- THE COST FOR INSTALLATION AND REMOVAL OF ALL SIGNS AND BARRICADES INDICATED ON THE CONSTRUCTION DETOUR PLAN SHALL BE INCLUDED IN THE OVERALL BID PRICE FOR TRAFFIC CONTROL.



REVISION DATES			STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION	
			OFFICE: GDOT DISTRICT 6	
			<b>GENERAL NOTES</b>	
			RED BUD ROAD (SR 156) AT COLLEGE STREET (CS 782)	
			DRAWING No. <b>4-01</b>	