VOID

1. ALL DRIVEWAYS THAT ARE TO BE RECONSTRUCTED SHALL BE PLACED IN KIND I.E. ASPHALT FOR ASPHALT, CONCRETE FOR CONCRETE, AND AGGREGATE SURFACE COURSE FOR DIRT DRIVES. DRIVEWAY RELOCATIONS ARE SHOWN FROM THE BEST AVAILABLE DATA. THE CONTRACTOR SHALL CONSTRUCT NEW DRIVEWAYS TO MATCH THE ACTUAL FIELD LOCATION OF EXISTING DRIVEWAYS OR AS LOCATED IN THE PLANS. COMMERCIAL DRIVES SHALL BE 24 FEET WIDE UNLESS NOTED OTHERWISE IN THE PLANS. THE CONTRACTOR SHALL OBTAIN THE APPROVAL FROM THE ENGINEER PRIOR TO MAKING ANY REVISIONS TO LOCATION, WIDTH, AND/OR NUMBER OF DRIVES TO BE CONSTRUCTED. DRIVES SHALL BE CONSTRUCTED USING:

   ASPHALT - ASPH CONC 12.5 mm SUPERPAVE (165 LB/SY)
   ASPH CONC 19 mm SUPERPAVE (330 LB/SY)
   GRADED AGGREGATE BASE, 6"

2. All borrow and waste 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. See section 201 of the Standard Specification and Supplements thereto for additional information.

3. There is no suitable place to bury existing construction debris within the project's limits. The Contractor shall provide an environmentally approved site to dispose of existing construction debris at no addtional cost to the Department.

4. Cost for temporary shoring as necessary for wall construction shall be included in overall bid submitted.

5. Existing drainage pipes located beneath the existing pavement shall be retained unless otherwise indicated on the plans. For pipes to be removed, all costs for the removal of pipes are to be included in the price bid for grading complete.

6. Existing catch basins or inlets are to be retained unless otherwise indicated on the plans. For structures to be removed, all costs for the removal of these structures are to be included in the price bid for grading complete.

7. All sidewalks and WCRs located within radii shall be 8 inch Depth.

8. Removed existing signal equipment shall be maintained and accounted for until delivery by the contractor to the Department of Transportation Office of Operations. Contact the District Traffic Operations Manager 48 HRS in advance at (770) 718-5038

A NOTICE OF INTENT (N.O.I.) IS REQUIRED FOR THIS PROJECT.

UTILITY OWNER	SERVICE	
ATLANTA GAS LIGHT (AGL)	GAS	
GEORGIA POWER DISTRIBUTION	POWER	
NORTH GEORGIA NETWORK	FIBER OPTIC	
ETOWAH WATER & SEWER AUTHORITY	WATER & SEWER	
WINDSTREAM COMMUNICATIONS	TELEPHONE	
WINDSTREAM COMMUNICATIONS	CABLE TV	
SAWNEE EMC	POWER	

GEORGIA811 Utilities Protection Center, Inc
Know what's below. Call before you dig.

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) CORRUGATED SMOOTH INTERIOR AASHTO F-949
STORM DRAIN	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
		GRADE ≤ 10% 250 < ADT < 1500	X	X *		X		X	X	X
		GRADE ≤ 10% 1500 < ADT < 15,000	X					X	X	X
		GRADE ≤ 10% ADT > 15,000	X							
		GRADE > 10% ADT < 250		X	X	X		X	X	X
		GRADE > 10% 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
	pH		6J							
	RESISTIVITY		10001							

* This type pipe can be used if the addition of Type "B" Coating (AASHTO M-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).
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

1/5/2009 GPLN

GEORGIA
DEPARTMENT OF TRANSPORTATION

REVISION DATES		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: ROADWAY DESIGN

GENERAL NOTES

SR400 @ SR53 CONTINUOUS FLOW INTERSECTION (CFI)

DRAWING No. 04 -001