

1. ALL DRIVEWAYS THAT ARE TO BE RECONSTRUCTED SHALL BE PLACED IN KIND EXCEPT FOR DIRT DRIVES I.E. ASPHALT FOR ASPHALT, CONCRETE FOR CONCRETE, AND ASPHALT 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. RESIDENTIAL DRIVES SHALL BE 14 FEET WIDE AT THE THROAT UNLESS NOTED OTHERWISE 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. REQUIRED DRIVEWAY EASEMENTS NOT SHOWN ON THE PLANS SHALL BE ACQUIRED. ALL DRIVEWAYS WILL BE PAVED BACK TO THE TIE-IN POINT OR REQUIRED RIGHT OF WAY WHICHEVER IS GREATER. DIRT DRIVEWAYS WILL BE PAVED WITH ASPHALT TO THE RIGHT OF WAY LINE AND CONTINUED WITH AGGREGATE SURFACE COURSE TO THE TIE-IN POINT. DRIVES SHALL BE CONSTRUCTED USING:

- ASPHALT - RESIDENTIAL - ASPH CONC 12.5mm SUPERPAVE (165 LB/SY) GRADED AGGREGATE BASE, 6"
- ASPHALT - COMMERCIAL - ASPH CONC 12.5mm SUPERPAVE (165 LB/SY), ASPH CONC 19mm SUPERPAVE (220 LB/SY), GRADED AGGREGATE BASE, 6"
- CONCRETE - RESIDENTIAL - DRIVEWAY CONCRETE, 6" THICK
- CONCRETE - COMMERCIAL - DRIVEWAY CONCRETE, 8" THICK

- 2. A N. O. I. IS REQUIRED FOR THIS PROJECT.
- 3. THERE IS NO SUITABLE PLACE WITHIN THE PROJECT LIMITS TO BURY DEBRIS. THE CONTRACTOR SHOULD FIND A SUITABLE PLACE TO DISPOSE OF DEBRIS, AT NO ADDITIONAL COST TO THE DEPARTMENT.
- 4. ALL ITEMS TO BE REMOVED THAT DO NOT HAVE A SPECIFIC PAY ITEM SHALL BE REMOVED UNDER CLEARING AND GRUBBING UNLESS SHOWN OTHERWISE IN THE PLANS. MISCELLANEOUS REMOVAL SHALL INCLUDE, BUT IS NOT LIMITED TO, EXISTING PAVEMENT, DRAINAGE STRUCTURES, TEMPORARY DRAINAGE PIPE, TEMPORARY DRAINAGE STRUCTURES, TEMPORARY AND DETOUR PAVEMENT, REMOVAL OR PLUGGING DRAIN PIPE, GUARDRAIL, CURBS, CONCRETE SLABS, SIGN FOOTINGS, ETC. INCOMBUSTIBLE MATERIALS THAT CANNOT BE PLACED IN EMBANKMENTS SHALL BE DISPOSED OF IN ACCORDANCE WITH SPECIFICATIONS. EXCEPT THAT WASTE AREAS SHALL BE PROVIDED OFF THE RIGHT OF WAY AT THE CONTRACTOR'S EXPENSE AS A PART OF THE PAY ITEM.
- 5. THE COST OF POND DEWATERING AND MUCK REMOVAL SHALL BE INCLUDED IN LUMP SUM CLEARING AND GRUBBING. PRIOR TO DEWATERING THE CONTRACTOR MUST SUBMIT A PLAN FOR DEWATERING AND MUCK REMOVAL TO THE DEPARTMENT FOR APPROVAL.
- 6. IF UNDERGROUND STORAGE TANKS ARE ENCOUNTERED BY GDOT'S CONSTRUCTION PERSONNEL DURING PROJECT IMPLEMENTATION, THEY SHALL BE HANDLED IN ACCORDANCE WITH GDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION SECTION 217-REMOVAL OF UNDERGROUND STORAGE TANKS.
- 7. ANY CONTAMINATED SOIL EXCAVATED DURING CONSTRUCTION ACTIVITIES AT PARCELS 44, 46, 47 AND 68 MUST BE DISPOSED OF AT A PERMITTED LINED MUNICIPAL SOLID WASTE LANDFILL.



VOID

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		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 SMOOTHED LINED AASHTO M-294 TYPE "S"	POLY VINYL CHLORIDE (PVC) PROFILE WALL AASHTO M-304	POLY VINYL CHLORIDE (PVC) CORRUGATED SMOOTH INTERIOR ASTM F-959
LONGITUDINAL INTERSTATE AND TRAVEL BEARING	X							
LONGITUDINAL NON-INTERSTATE AND NON-TRAVEL BEARING	X	X		X	X	X	X	X
STORM DRAINS	GRADE	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	
	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.

- 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 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).
 - THE CONTRACTOR SHALL PROVIDE ADDITIONAL STORM SEWER CAPACITY CALCULATIONS IF A PIPE MATERIAL OTHER THAN CONCRETE IS SELECTED.
 - 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 pH AND RESISTIVITY VALUES ARE ENTERED INTO THE RESPECTIVE BOXES ABOVE TO DETERMINE ALLOWABLE PIPE MATERIALS.

UTILITY OWNER	SERVICE
AT&T (BELLSOUTH)	TELEPHONE
CHARTER COMMUNICATIONS	CABLE TV
CITY OF LAWRENCEVILLE	GAS
COLONIAL PIPELINE	GAS
GEORGIA POWER DISTRIBUTION	ELECTRIC DISTRIBUTION
JACKSON EMC	ELECTRIC DISTRIBUTION
GEORGIA POWER TRANSMISSION	ELECTRIC TRANSMISSION
GWINNETT COUNTY	WATER AND SEWER
GWINNETT COUNTY	TRAFFIC CONTROL



REVISION DATES	STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION OFFICE: PROGRAM DELIVERY
	GENERAL NOTES
	DRAWING No. 4-01
	SR 316