

GENERAL NOTES

- (1) NOTE: A N. O. I. IS REQUIRED FOR THIS PROJECT.
 (2)

PIPE CULVERT MATERIAL ALTERNATES FOR COASTAL PLAIN REGION								
TYPE OF PIPE INSTALLATION	C O N C R E T E	CORRUGATED STEEL AASHTO M-36		CORRU- GATED ALUMINUM AASHTO M-96	PLASTIC			
		ALUMINUM COATED (TYPE 2) CORR. STEEL	PLAIN ZINC COATED	PLAIN UNCOATED ALUMINUM	CORR. POLY- ETHYLENE AASHTO M-252	CORR. POLY- ETHYLENE SMOOTHED UNED AASHTO M-294 TYPE "S"	POLY VINYL CHLORIDE (PVC) PROFILE WALL AASHTO M-304	POLY VINYL CHLORIDE (PVC) CORRUGATED SMOOTH INTERIOR AASHTO F-949
LONGITUDINAL INTERSTATE AND TRAVEL BEARING	X							
LONGITUDINAL NON- INTERSTATE AND NON- TRAVEL BEARING	X	X		X	X	X	X	X
C R O S S D R A I N	GRADE ≤ 10%	ADT < 250	X		X	X	X	X
		250 < ADT < 1500	X		X	X	X	X
		1500 < ADT < 15,000	X			X	X	X
		ADT > 15,000	X					
D R A I N	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	X
PERFORATED UNDERDRAIN		X	X	X	X	X		X



NOTES:

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.

- (3) METHOD OF UTILITY LOCATION: NO SUE INVESTIGATION
 (4) THE FOLLOWING UTILITY OWNERS HAVE FACILITIES WHICH MAY VE FOUND WITHIN THE PROJECT LIMITS.

UTILITY OWNER	SERVICE
KINGSLAND CABLE TV	CABLE TV
GEORGIA POWER DIST.	ELECTRIC
GEORGIA POWER TRAN.	ELECTRIC
ATLANTA GAS LIGHT	GAS
TDS/CAMDEN TELEPHONE	TELEPHONE
CITY OF KINGSLAND	WATER
CITY OF KINGSLAND	SEWAGE

PROJECT SPECIFIC NOTES

- (1) THE REMOVAL OF THE SECTION OF THE EXISTING ROADWAY AND ANY PIPE REMOVAL SHALL BE INCLUDED IN THE OVERALL BID PRICE FOR GRADING COMPLETE.
- (2) 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 ADDITIONAL COST TO THE DEPARTMENT.
- (3) ALL BORROW AND WASTE SITES FOR THIS PROJECT SHALL BE ENVIRONMENTALLY APPROVED PRIOR TO CONSTRUCTION ACTIVITIES OCCURING IN THEM. 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.
- (4) ALL EXISTING DRAINAGE TO BE REMOVED UNLESS OTHERWISE NOTED.
- (5) ALL DRIVEWAYS THAT ARE TO BE RECONSTRUCTED SHALL BE PLACED IN KIND 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. DRIVES SHALL BE CONSTRUCTED USING:
 - ASPHALT - RESIDENTIAL & COMMERCIAL - ASPH CONC 12.5mm SUPERPAVE (165 LB/SY) GRADED AGGREGATE BASE, 6"
 - CONCRETE - RESIDENTIAL - DRIVEWAY CONCRETE, 6" THICK
 - COMMERCIAL - DRIVEWAY CONCRETE, 8" THICK
- (6) THE LOCATION OF THE UST SYSTEMS COULD NOT BE DETERMINED AT PARCEL NOS. 8 AND 13. IF USTs ARE ENCOUNTERED BY THE DEPARTMENT'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 EXISTING DRAINAGE PIPES THAT ARE SHOWN ON THE PLANS TO BE RETAINED SHALL BE CLEANED OUT.
- (8) THE LANDSCAPING PLANTS AND TREES ON THE EXISTING RIGHT OF WAY FROM APPROXIMATE STA 72+29 TO STA 81+56 LT S.R. 40 SHALL REMAIN IN PLACE AND NOT BE DISTURBED DURING CONSTRUCTION. ALSO, THE TWO OAK TREES ON PARCEL 15 AT STA 31+24.24, 72.82' LT AND STA 31+27.50, 71.03' LT SHALL REMAIN.
- (9) THE EXISTING SIDEWALK SHALL BE REMOVED FROM APPROX. STA 14+36.40 TO STA 25+86.80 RT S.R. 40, AND FROM APPROX. STA 1+04.00 TO STA 3+75.41 LT S. GROVE BLVD.