

GENERAL NOTES

(1) NOTE: THERE IS NOT A SUITABLE LOCATION WITHIN THE R/W LIMITS OF THIS PROJECT TO DISPOSE OF ANY CONSTRUCTION MATERIAL. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE AND PROVIDE AN ENVIRONMENTALLY APPROVED BORROW AND DISPOSAL SITE 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 | | 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 CORRUGATED SMOOTH INTERIOR ASTM F-949 | |
| | | | | | | | | | |
| LONGITUDINAL INTERSTATE AND TRAVEL BEARING | X | | | | | | | | |
| LONGITUDINAL NON-INTERSTATE AND NON-TRAVEL BEARING | X | X | | X | | X | X | X | |
| S T R U C T U R E L I N E D R A I N S | GRADE < 10% | ADT < 250 | X | X | | X | X | X | |
| | | 250 < ADT < 1500 | X | | X | | X | X | X |
| | | 1500 < ADT < 15000 | X | | | | X | X | X |
| | | ADT > 15000 | X | | | | | | |
| GRADE > 10% | ADT < 250 | | X | X | | X | X | X | |
| | ADT > 250 | | | X | | X | X | X | |
| SIDE DRAIN | X | X | | X | | X | X | X | |
| PERMANENT SLOPE DRAIN | | X | X | X | | X | X | X | |
| PERFORATED UNDERDRAIN | | X | X | X | X | X | | X | |



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 BAKFILL 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. USE THE ALLOWABLE MATERIALS CHART UNLESS NOTED OTHERWISE IN THE PLANS.
6. TEMPORARY PIPE MAY BE PLASTIC, CMP, OR CONCRETE.

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

| UTILITY OWNER | SERVICE |
|-----------------------|-------------------|
| ATLANTA GAS LIGHT | GAS |
| CENTURY LINK | TELECOMMUNICATION |
| CITY OF RICHMOND HILL | WATER & SEWAGE |
| COASTAL EMC | ELECTRIC |
| COMCAST | CABLE TV |
| GEORGIA POWER DIST. | ELECTRIC |

(6) NOTE: A N. O. I. IS NOT REQUIRED FOR THIS PROJECT.

(7) 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.

(8) THERE IS NO SUITABLE PLACE TO BURY THE CONSTRUCTION DEBRIS WITHIN THE PROJECT'S LIMITS. THE CONTRACTOR SHALL PROVIDE AN ENVIRONMENTALLY APPROVED SITE TO DISPOSE OF THE CONSTRUCTION DEBRIS AT NO ADDITIONAL COST TO THE DEPARTMENT.

PROJECT SPECIFIC NOTES

(1) THE CONTRACTOR IS NOT TO DISTURB MORE THAN 1 ACRE FOR THIS PROJECT.

(2) ALL DRIVEWAYS THAT ARE TO BE RECONSTRUCTED SHALL BE PLACED IN KIND I. E. ASPHALT FOR ASPHALT, CONCRETE FOR CONCRETE. 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 STANDARD 9031-H.

DRIVEWAYS - COMMERCIAL

ASPHALT DRIVES ----- ASPH CONC 9.5mm SUPERPAVE (135 LBS/SY)
 ----- GRADED AGGREGATE BASE, 8"
 CONCRETE DRIVES ----- DRIVEWAY CONCRETE, 6" THICK

(3) ANY SAW CUTTING WILL BE COVERED IN THE COST BID FOR GRADING COMPLETE.

ENVIRONMENTAL RESOURCES IMPACT TABLE

| Resource Name/ Type | Location | | Side | Construction Activity | Permitted Activity | Controlling Criteria | Special Provision? | Comments Including any Permit Expiration Dates |
|--------------------------|-----------|----------|------|--|-----------------------|-------------------------|-----------------------|---|
| | Beg. Sta. | End Sta. | | | | | | |
| Buffered State Waters | N/A | N/A | Both | Roadway and ROW construction None (outside of project limits) | N/A | N/A | N/A | N/A |

**GEORGIA
DEPARTMENT
OF
TRANSPORTATION**

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: DISTRICT 5 DESIGN

GENERAL NOTES

PROJECT NO. CSSTP-0008-00(442)
 US 17/ SR 25 @ SOMMERS BLVD.
 BRYAN COUNTY

DRAWING No.
04-001