

**GENERAL NOTES**

1. A NOTICE OF INTENT WILL NOT BE REQUIRED FOR THIS PROJECT.
2. ALL EXISTING DRAINAGE PIPES AND CULVERTS SHALL BE CLEANED OUT BEFORE STARTING CONSTRUCTION. PAYMENT WILL BE INCLUDED IN THE OVERALL BID.



**Know what's below.  
Call before you dig.**

4. 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. 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. DRIVES SHALL BE CONSTRUCTED USING:
  - ASPHALT - RESIDENTIAL: RECYCLED ASPH. CONC. 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME, (165 LBS./SQ. YD. ASPH. CONC.) 6" GRADED AGGREGATE BASE COURSE
  - CONCRETE - RESIDENTIAL: DRIVEWAY CONCRETE, 6" THICK
5. ALL BORROW AND WASTE SITES FOR THIS PROJECT SHALL BE ENVIRONMENTALLY APPROVED PRIOR TO CONSTRUCTION ACTIVITIES OCCURRING 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.
6. THERE IS NO SUITABLE PLACE TO BURY CONSTRUCTION DEBRIS WITHIN THE PROJECT'S LIMITS. THE CONTRACTOR SHALL PROVIDE AN ENVIRONMENTALLY APPROVED SITE TO DISPOSE OF CONSTRUCTION DEBRIS AT NO ADDITIONAL COST TO THE DEPARTMENT.
7. ALL WHEELCHAIR RAMPS AND SIDEWALK CONCRETE WITHIN RADI1 SHALL BE 8 INCH THICK.
8. THE WORK ASSOCIATED WITH KINCAID ELEMENTARY WILL BE CONSTRUCTED SEPARATELY FROM THE CHEATHAM HILL ELEMENTARY WORK. THUS, THE PLANS WILL BE SUBMITTED SEPARATELY UNTIL BOTH LOCATIONS ARE APPROVED FOR CONSTRUCTION. AT THAT TIME, THE PLANS WILL BE COMBINED INTO ONE SET OF PLANS.
9. THE CONTRACTOR SHALL ENSURE THAT NO LAND DISTURBING ACTIVITIES, INCLUDING STAGING, CONSTRUCTION, VEHICULAR USE, BORROW OR WASTE ACTIVITIES SHALL TAKE PLACE WITHIN THE BOUNDARIES OF W/L 1 OR THE BOUNDARIES OF PS 2 OR ITS ASSOCIATED BUFFER.
10. THE CONTRACTOR SHALL PUT INTO PLACE MEASURES TO ENSURE THAT CONCRETE DEBRIS, PAVING MATERIAL, LITTER, BRIDGE FALSEWORK, DEMOLITION DEBRIS, OR ANY OTHER MATERIALS ARE NOT ALLOWED TO BALL OR BE PLACED INTO STREAMS.

| UTILITY OWNER | SERVICE            |
|---------------|--------------------|
| AGL           | GAS                |
| ATT           | TELECOMMUNICATIONS |
| COMCAST       | CABLE TV           |
| COBB COUNTY   | WATER AND SEWER    |
| COBB EMC      | ELECTRIC           |
| COBB DOT      | TRAFFIC CONTROL    |
| SUNESYS       | FIBER              |

**Pipe Culvert Material Alternates  
For Piedmont/Blue Ridge Region**

| TYPE OF PIPE INSTALLATION                          | C<br>O<br>N<br>C<br>R<br>E<br>T<br>E | CORRUGATED STEEL<br>AASHTO M-36         |                   | CORRUGATED ALUMINUM<br>AASHTO M-196 | PLASTIC                          |  |   |   |
|--|--------------------------------------|---|-------------------|-------------------------------------|----------------------------------|--|---|---|
|  |                                      | ALUMINUM COATED (TYPE 2)<br>CORR. STEEL | PLAIN ZINC COATED | PLAIN UNCOATED ALUMINUM             | CORR. POLY-ETHYLENE AASHTO M-252 | CORR. POLY-ETHYLENE SMOOTH LINED AASHTO M-294 TYPE "S" | POLY VINYL CHLORIDE (PVC) PROFILE WALL AASHTO M-304 | POLY VINYL CHLORIDE (PVC) 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   | X   |
| S<br>T<br>O<br>R<br>M<br>D<br>R<br>A<br>I<br>N     | GRADE ≤ 10%                          | 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   |   |
| PERMANENT SLOPE DRAIN                              |                                      | X                                       | X                 | X                                   | X                                | X  | X   |   |
| PERFORATED UNDERDRAIN                              |                                      | 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.

- 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.
  6. Project specific pH and Resistivity values are entered into the respective boxes above to determine allowable pipe materials.
- Rev. 03-22-10

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|--|--|----------------|---|
|  | <p><b>GEORGIA</b><br/>DEPARTMENT<br/>OF<br/>TRANSPORTATION</p> | REVISION DATES | STATE OF GEORGIA<br>DEPARTMENT OF TRANSPORTATION    |
|  |  |                | OFFICE: INNOVATIVE DELIVERY<br><b>GENERAL NOTES</b> |
|  |  |                | SRTS - COBB   |
|  |  |                | DRAWING No. 04-001                                  |