

GENERAL NOTES

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	NH000-0006-04(031)	4	321

VOID

1. ALL KNOWN UTILITY FACILITIES ARE SHOWN SCHEMATICALLY ON THE PLANS AND ARE NOT NECESSARILY ACCURATE IN LOCATION AS TO PLAN OR ELEVATION. UTILITY FACILITIES SUCH AS SERVICE LINES OR UNKNOWN FACILITIES NOT SHOWN ON THE PLANS WILL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY UNDER THIS REQUIREMENT, EXCEPT AS NOTED BELOW. "EXISTING UTILITY FACILITIES" MEANS ANY UTILITY THAT EXISTS ON THE HIGHWAY PROJECT IN ITS ORIGINAL, RELOCATED, OR NEWLY INSTALLED POSITION.

THE CONTRACTOR'S ATTENTION IS CALLED TO SUB-SECTION 105.06, "COOPERATION WITH UTILITIES".

THE FOLLOWING UTILITIES HAVE FACILITIES IN THE PROJECT AREA:

TEL COMM	ALLTEL GEORGIA INC.
GAS	ATLANTA GAS LIGHT
TV	CHARTER COMMUNICATIONS
WATER	UPSON COUNTY CITY OF THOMASTON
SEWER	CITY OF THOMASTON
ELECTRIC	CITY OF THOMASTON GEORGIA POWER



Know what's below.
Call before you dig.

Pipe Culvert Material Alternates
For Piedmont/Blue Ridge Region

REV. 9/88/88

TYPE OF PIPE INSTALLATION	CONCRETE	CORRUGATED STEEL AASHTO M-36		CORRUGATED ALUMINUM AASHTO M-19		PLASTIC				
		ALUMINUM COATED TYPE 2 CORR. STEEL	PLAIN ZINC COATED	PLAIN UNCOATED ALUMINUM	CORR. POLY-ETHYLENE AASHTO M-252	CORR. POLY-ETHYLENE SMOOTH LINED AASHTO M-254 TYPE 'S'	POLY VINYL CHLORIDE (PVC) PROFILE "A" ALL AASHTO M-304	POLY VINYL CHLORIDE (PVC) CORRUGATED SMOOTH INTERIOR ASTM F-499		
LONGITUDINAL INTERSTATE AND TRAVEL BEARING	X									
LONGITUDINAL NON-INTERSTATE AND NON-TRAVEL BEARING	X	X		X		X	X	X		
STORM DRAIN	GRADE < 10%	ADT < 250	X	X	X	X	X	X	X	
		250 < ADT < 1,500	X	X*	X				X	
		1,500 < ADT < 15,000	X				X	X	X	
DRAIN	GRADE > 10%	ADT > 15,000	X							
		ADT < 250		X	X	X	X	X	X	
ADT > 250									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	X		

* This type pipe can be used if the addition of Type "B" Coating (AASHTO M-198, Half Bituminous Coated with Paved Inward is utilized.

2. ALL DRIVEWAYS, WHERE ACCESS IS ALLOWED, SHALL BE PLACED AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH THE RULES AND REGULATIONS FOR CONTROL AND PROTECTION OF DEPARTMENT OF TRANSPORTATION RIGHTS-OF-WAY. ALL DRIVEWAYS WILL BE PAVED TO THE TIE-IN POINT OR REQUIRED R/W, WHICHEVER IS GREATER. DIRT DRIVEWAYS WILL BE PAVED WITH ASPHALT TO THE R/W LINE AND CONTINUED WITH AGGREGATE SURFACE COURSE TO THE TIE-IN POINT. THE DRIVEWAY LOCATIONS INDICATED ON THE PLANS ARE FROM THE BEST AVAILABLE DATA. THE CONTRACTOR SHALL CONSTRUCT NEW DRIVEWAYS TO MATCH THE ACTUAL FIELD LOCATION OF EXISTING DRIVEWAYS WHERE THEY ARE NOT IN CONFLICT WITH THE RULES AND REGULATIONS. THE CONTRACTOR SHALL OBTAIN THE APPROVAL OF THE ENGINEER PRIOR TO MAKING ANY REVISIONS REGARDING LOCATION, WIDTH, AND/OR NUMBER OF DRIVES TO BE CONSTRUCTED. WHERE REQUIRED, THE DRIVES SHALL BE PAVED AS FOLLOWS:

ASPHALTIC DRIVES:
RESIDENTIAL - RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME 135 LBS / SY.
6" GR AGGR BASE CRS, INCL MATL.

COMMERCIAL - RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME 135 LBS / SY.
RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME 220 LBS / SY.
6" GR AGGR BASE CRS, INCL MATL.

CONCRETE DRIVES:
RESIDENTIAL - 8" CONCRETE VALLEY GUTTER
8" CONCRETE DRIVEWAY

COMMERCIAL - 8" CONCRETE VALLEY GUTTER
8" CONCRETE DRIVEWAY
EARTH DRIVES: - 4" GR AGGR BASE CRS, INCL MATL.
ALL DRIVEWAYS WILL BE 14 FT. WIDE IN WIDTH UNLESS STATED OTHERWISE.

3. ALL EXISTING PIPE AND DRAINAGE STRUCTURES SHALL BE REMOVED UNLESS OTHERWISE NOTED ON PLANS OR AS DIRECTED BY THE ENGINEER. REMOVAL SHALL BE INCLUDED IN THE PRICE BID FOR GRADING COMPLETE. ABANDONED CONCRETE PIPES AND DRAINAGE STRUCTURES UNDER THE RETAINED EXISTING ROADWAY WILL BE FILLED WITH FLOWABLE FILL.

4. THE CONTRACTOR SHALL ENSURE THAT POSITIVE AND ADEQUATE DRAINAGE IS MAINTAINED AT ALL TIMES WITHIN THE PROJECT LIMITS. THIS MAY INCLUDE, BUT NOT BE LIMITED TO, REPLACEMENT OR RECONSTRUCTION OF EXISTING DRAINAGE STRUCTURES THAT HAVE BEEN DAMAGED OR REMOVED, OR REGRADING AS REQUIRED BY THE ENGINEER, EXCEPT FOR THOSE DRAINAGE ITEMS SHOWN AT SPECIFIC LOCATIONS IN THE PLANS AND HAVING SPECIFIC PAY ITEMS. NO SEPARATE PAYMENT WILL BE MADE FOR ANY COSTS INCURRED TO COMPLY WITH THIS REQUIREMENT.

5. A NOTICE OF INTENT (NOI) FOR STORMWATER DISCHARGE IS REQUIRED FOR THIS PROJECT.

6. UNLESS NOTED OTHERWISE, ALL WHEELCHAIR RAMPS ARE TYPE A.

7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING AND ACQUIRING ALL BORROW/WASTE PITS ON THIS PROJECT AT NO ADDITIONAL COST TO THE DEPARTMENT. FURTHERMORE THE CONTRACTOR WILL NOTIFY THE DISTRICT MATERIALS ENGINEER A MINIMUM OF SIX WEEKS PRIOR TO ANY LAND DISTURBING ACTIVITIES WITHIN THE BORROW/WASTE PIT SITES TO ALLOW AMPLE TIME FOR A MATERIALS INVESTIGATION AND ENVIRONMENTAL EVALUATION.

8. COMMERCIAL SIGNS: THE CONTRACTOR SHALL PROTECT THE COMMERCIAL SIGNS WITHIN THE ROAD RIGHT OF WAY AND EASEMENT ON PARCELS 36 & 51 DURING THE CONSTRUCTION.

ANY COMMERCIAL SIGN DAMAGED DURING CONSTRUCTION (THAT IS SHOWN TO REMAIN) WILL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE DEPARTMENT.

COMMERCIAL SIGNS NOT SHOWN TO REMAIN AND ARE WITHIN THE ROAD RIGHT OF WAY AND EASEMENT WILL BE REMOVED BY THE OTHERS.

9. BUILDING AND STRUCTURE: THE BUILDING AND STRUCTURE WITHIN THE ROAD RIGHT OF WAY AND EASEMENT ON PARCEL * 19, 20, 21, 22, 28, 37 AND 39 WILL BE REMOVED BY OTHERS.

10. PARKING AREA RESTORATION: FOR THE PARKING AREAS DISTURBED DURING THE INSTALLATION OF UNDERGROUND UTILITIES BY OTHERS; THE CONTRACTOR SHALL MILL A MINIMUM 3.5 INCH OF PARKING LOT SURFACE AND INLAY WITH A MINIMUM 1.5 INCH OF RECYCLED ASPHALTIC CONCRETE 12.5 MM SUPERPAVE, GP2 ONLY INCLUDING BITUMINOUS MATERIAL AND HYDRATED LIME, OVER 2 INCHES OF RECYCLED ASPHALTIC CONCRETE 19 MM SUPERPAVE, GROUP 1 OR 2 INCLUDING BITUMINOUS MATERIAL AND HYDRATED LIME AND FURTHER RESTRIPE THE PARKING STALL WITH 5 INCH SOLID WHITE TRAFFIC STRIPE AS DIRECTED BY THE ENGINEER. THE COMPLETED WORK ITEMS THAT WILL BE MEASURED FOR PAYMENT ARE:

RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME, UNIT TN
RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME, UNIT TN
MILL ASPH CONC PVMT, VARIABLE DEPTH, UNIT SY
SOLID TRAF STRIPE, 5 IN, WHITE, UNIT LF
BITU TACK COAT, UNIT GL

ROADWAY CONSTRUCTION LEGEND

	PROPOSED EDGE/PAVEMENT		PROPOSED SINGLE WING CATCH BASIN
	EXISTING EDGE/PAVEMENT		EXISTING SINGLE WING CATCH BASIN
	EXISTING FENCE LINE		PROPOSED DOUBLE WING CATCH BASIN
	PROPOSED FENCE LINE		EXISTING DOUBLE WING CATCH BASIN
	PROPOSED WALL		PROPOSED GEORGIA D. O. T. DRAINAGE INLET
	PROPOSED CHANNEL RELOCATION		EXISTING GEORGIA D. O. T. DRAINAGE INLET
	EXISTING CREEK		PROPOSED GEORGIA D. O. T. MANHOLE
	TOP OF CUT SLOPE		EXISTING GEORGIA D. O. T. MANHOLE
	TOE OF FILL SLOPE		DRAINAGE STRUCTURE NUMBER DESIGNATION
	FLOW LINE		GUARDRAIL
	PROPOSED BOX CULVERT		PAVEMENT
	EXISTING BOX CULVERT		PAVEMENT
	PROPOSED STORM DRAIN PIPE		PAVEMENT
	EXISTING STORM DRAIN PIPE		PAVEMENT
	FLARED END SECTION		PAVEMENT
	HEADWALL		PAVEMENT
	CONCRETE V-GUTTER		PAVEMENT

THE FOLLOWING CONSULTANTS PREPARED THESE CONSTRUCTION PLANS:

R. K. SHAH & ASSOCIATES, INC.	ROADWAY
CARTER & SLOOPE, INC.	WATER & SEWER
PBS&J / ACE	LIGHTING
CALVIN S. HOPKINS, III	LANDSCAPING
IRRIGATION CONSULTANT SERVICES	IRRIGATION

ENVIRONMENTAL RESOURCE IMPACT TABLE

Location								Comments including any permit expiration dates
Resource Name/Type	Begin STA	End STA	Side	Construction Activity	Permitted Activity	Controlling Criteria	Special Provision?	
Stream 1	13+35	13+68	Right	rip rap placement	45 linear ft/0.01 ac	USACE Nationwide Permit 23	No	Need Permit (as of 17Mar11)
Stream 1 Buffer	13+63	13+93	Right	pipe extension	actively exempt under drainage structure exemption	Georgia EBS Act	No	n/a

R.K. SHAH & ASSOCIATES, INC.
ENGINEERS
TRANSPORTATION / SITE / CIVIL
1280 WINCHESTER PARKWAY
BUILDING 1280, SUITE 240
ATLANTA, GEORGIA 30080
TELEPHONE 770/436-5070

DATE	REVISIONS	DATE	REVISIONS
04-11-2011	NOTE *10 REVISED; REV ENVIRONMENTAL RESOURCE IMPACT TABLE		

LAND LOT NO. 229, 230, 231
LAND DISTRICT 101b GMD 555

GEORGIA
DEPARTMENT OF TRANSPORTATION
GENERAL NOTES
PROJECT NH000-0006-04(031)
COUNTY UPSON

DRAWING NO. 4-01