

GENERAL NOTES

1. 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 FIELD.
2. A NOTICE OF INTENT IS REQUIRED FOR THIS PROJECT.
3. ALL EXISTING PIPE AND DRAINAGE STRUCTURES SHALL BE REMOVED OR FILLED WITH FLOWABLE FILL UNLESS OTHERWISE INDICATED ON THE PLANS WITH COST OF THIS REMOVAL INCLUDED IN THE BID PRICE FOR GRADING COMPLETE. VENT HOLES SHALL BE DRILLED EVERY FIFTY FEET AND INSPECTED UPON APPLICATION OF FLOWABLE FILL TO ENSURE NO VOIDS ARE LEFT IN PIPES.
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 IN THE DETAILED ESTIMATE. NO SEPARATE PAYMENT WILL BE MADE FOR ANY COSTS INCURRED TO COMPLY WITH THIS REQUIREMENT.
5. ALL DRIVEWAYS, WHERE ACCESS IS ALLOWED, SHALL BE PLACED AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH RULES AND REGULATIONS FOR CONTROL AND PROTECTION OF DEPARTMENT OF TRANSPORTATION RIGHTS-OF-WAY. 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 SUCH AS TO LOCATION, WIDTH AND/OR NUMBER OF DRIVES TO BE CONSTRUCTED.
 DRIVEWAY WILL BE PAVED TO THE TIE-IN POINT
 ALL DRIVEWAY WIDTHS SHALL BE 24' UNLESS OTHERWISE NOTED.
 REQUIRED DRIVEWAY PAVEMENT (CONCRETE DRIVES) - DRIVEWAY CONCRETE, 8 IN TK; CONC VALLEY GUTTER, 8 IN TK
 REQUIRED DRIVEWAY PAVEMENT (ASPHALT DRIVES) - 165*/SY RECYCLED ASPH CONC 12.5MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME; GR A6GR BASE CRS, 6 INCH, INCL MATL

PROJECT SPECIFIC NOTES

1. PURSUANT TO THE AGREEMENT BETWEEN GDOT, NORFOLK SOUTHERN RAILROAD AND QWEST COMMUNICATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FOLLOWING TASKS RELATING TO THE JACK OR BORE OF THE 36" PIPE IN THIS LOCATION:
 1. VERBAL NOTIFICATION TO QWEST (SCOTT SIMCOX, TEL. NO. 770-777-5670) OF THE JACK OR BORE SCHEDULE NO LESS THAN 5-DAYS PRIOR TO BEGINNING THE BORE OPERATION.
 2. MAINTAIN PHYSICAL EXPOSURE OF THE QWEST FACILITY DURING THE BORE OPERATION FOR THE BENEFIT OF QWEST INSPECTORS.
 3. PROPER BACKFILL AND COMPACTION OF THE EXPOSED QWEST FACILITY WITHIN 1-DAY OF THE COMPLETION OF THE BORE OPERATION.
2. EXISTING STORM SEWERS TO BE GROUT FILLED FROM STA. 30+30 TO 43+20.
3. SEE DRAWING 22-04 FOR LENGTH OF JACK OR BORE SECTION.
4. MATCH EXISTING PAVEMENT LIMITS FROM STA. 10+00 TO 25+00.
5. *ONE CALL* SERVICES DO NOT LOCATE BURIED RAILROAD SIGNAL AND COMMUNICATION LINES. THE CONTRACTOR SHALL CONTACT THE RAILROAD'S REPRESENTATIVE TWO (2) DAYS IN ADVANCED OF WORK AT THOSE PLACES WHERE EXCAVATION, PILE DRIVING, OR HEAVY LOADS MAY DAMAGE RAILROAD UNDERGROUND LINES ON RAILROAD PROPERTY. UPON REQUEST FROM THE CONTRACTOR OR AGENCY, RAILROAD SIGNAL FORCES WILL LOCATE AND PAINT MARK OR FLAG RAILROAD UNDERGROUND SIGNAL, COMMUNICATION, AND POWER LINES IN THE AREA TO BE DISTURBED FOR THE CONTRACTOR. THE CONTRACTOR SHALL AVOID EXCAVATION OR OTHER DISTURBANCE OF THESE LINES WHICH ARE CRITICAL TO THE SAFETY OF THE RAILROAD AND THE PUBLIC. IF DISTURBANCE OR EXCAVATION IS REQUIRED NEAR A BURIED RAILROAD SIGNAL, COMMUNICATION, OR POWER LINE, THE LINE SHALL BE POTHOLED MANUALLY WITH CAREFUL HAND EXCAVATION BY THE CONTRACTOR AND PROTECTED BY THE CONTRACTOR DURING THE COURSE OF THE DISTURBANCE UNDER THE SUPERVISION AND DIRECTION OF A RAILROAD SIGNAL REPRESENTATIVE. THE CONTRACTOR MAY REQUEST THE NAME AND PHONE NUMBER OF THE AFORMENTIONED RAILROAD CONTACT FROM MR. E. L. JACKSON.
6. FOR BRICK PAVERS INSTALLATION FOLLOW THE MANUFACTURER'S DETAILS.
7. 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.
8. ALL EXISTING SIGNS TO BE REMOVED SHALL BE PAID FOR UNDER GRADING COMPLETE AND SHALL INCLUDE REMOVAL IN ENTIRETY INCLUDING BUT NOT LIMITED TO BASE, FOUNDATION, CONDUIT, AND PULL BOXES.
9. ALL EXISTING LIGHTING WILL BE REMOVED AND PICK UP WILL BE COORDINATED WITH THE FORT VALLEY DIRECTOR OF PUBLIC WORKS, LARRY BROWN AT (478) 825-2615 OR (478) 825-1508.
10. ANY EXCAVATED SOIL FROM UST CONTAMINATED SITES WILL REMAIN ON SITE OR BE DISPOSED OF AT A PERMITTED LINED MUNICIPAL SOLID WASTE LANDFILL.
11. ANY MONITORING WELLS FOUND ON SITE SHALL NOT BE DISTURBED AND REMAIN UNCOVERED.

PIPE CULVERT MATERIAL ALTERNATES FOR COASTAL PLAIN REGION

TYPE OF PIPE INSTALLATION	CONCRETE	CORRUGATED STEEL AASHTO M-36		CORRUGATED ALUMINUM AASHTO M-196	PLASTIC			
		ALUMINUM COATED (TYPE 2) CORR. STEEL	PLAIN ZINC COATED	PLAIN UNCOATED ALUMINUM	CORR. POLYETHYLENE AASHTO M-252	CORR. POLYETHYLENE SMOOTHED LINED AASHTO M-294 TYPE "S"	POLYVINYLCHLORIDE (PVC) PROFILE WALL AASHTO M-304	POLYVINYLCHLORIDE (PVC) CORRUGATED SMOOTH INTERIOR ASTM F-949
LONGITUDINAL INTERSTATE AND TRAVEL BEARING	X							
LONGITUDINAL NON-INTERSTATE AND NON-TRAVEL BEARING	X					X	X	X
CROSS DRAIN	GRADE ≤ 10%	ADT < 250	X			X	X	X
		250 < ADT < 1500	X			X	X	X
		1500 < ADT < 15,000	X			X	X	X
		ADT > 15,000	X					
GRADE > 10%	ADT < 250				X	X	X	
	ADT > 250				X	X	X	
SIDE DRAIN	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:
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.

	REVISION DATES	STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION OFFICE: DISTRICT 3 DESIGN
		GENERAL NOTES
		SR 49 DRAINAGE IMPROVEMENTS COUNTY: PEACH
		DRAWING No. 04-001



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