

GENERAL NOTES

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	PRP-8531-9(051)	3	—
REVISION DATES			
11-18-93			

A. GUARDRAIL

- (1) No guardrail is to be installed until site inspection is made by the Engineer.
- (2) Any existing guardrail removed and not relocated on the project will be stockpiled at a location designated by the Engineer for pickup by DOT maintenance. The Contractor shall be responsible for stockpiled guardrail as denoted by Standard Specification Section 610. The District Maintenance Engineer shall be notified to reclaim guardrail.
- (3) All guardrail shall have type "D" steel posts with 4" X 6" steel offset blocks.
- (4) In areas where guardrail will be required in front of a fixed hazard with less than 5' of offset distance, post spacing will be as required in GA Std. 405I. Cost for additional posts shall be included in the over-all-price bid for linear foot of guardrail.

B. REMOVALS

- (1) All items to be removed that do not have a specific pay item shall be removed under Grading Complete unless shown otherwise in the plans. Miscellaneous removal shall include, but is not limited to, existing pavement, drainage structures, curbs, concrete slabs, sign footings, etc. Incombustible materials that cannot be placed in embankments shall be disposed of in accordance with Standard Specifications, except that waste areas shall be provided off the Right of Way at the Contractor's expense as a part of the pay item.
- (2) Where partial pavement removal is required and remaining pavement is not to be overlaid, the pavement shall be sawed to neat lines. Only those joints sawed in concrete will be paid for under the pay item - Sawed Joints - per linear foot.
- (3) Any existing pavement not required for the proposed roadway or detour shall be removed as directed by the Engineer and the cost of the removal shall be included in price bid for Grading Complete, unless otherwise shown on the plans.
- (4) The roadway contractor will remove sections of pipes & culverts as indicated on the plans. No separate payment will be made. Costs will be included in price bid for Grading Complete. The Engineer shall determine if the removal items can be utilized during construction.

C. UTILITIES

- (1) The Contractor's attention is called to Article 105.06 "Cooperation With Utilities". Utility work coordination will be a part of this contract.
- (2) The following utility owners have facilities which may conflict with construction on this project:

NAME OF UTILITY	SERVICE	O'hd. & U'gnd. Power Lines & U'gnd. Power Lines
Savannah Electric and Power Co.	O'hd & U'gnd Power Lines	
City of Savannah Sewer and Water	Sewer/Water	
Savannah Cable TV	Cable Television	
Atlanta Gas and Light Corporation	Gas Mains	
Southern Bell	O'hd. & U'gnd Telephone	
Whitel Underground Fiber optic		
MCC Underground Fiber optic		

- (3) The Contractor will not be paid for any delays or extra expense caused by utility facilities, obstructions, or any other items not being removed or relocated to clear construction in advance of his work.
- (4) The Standard Specifications, Current Edition, Section 107.21-Contractors Responsibility for Utility Property and Services, is modified by adding the following:

All known utility facilities are shown schematically on highway 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 highway plans will not relieve the Contractor of his responsibility under this requirement except as noted below. "Existing utility facility" means any utility facility that exists on the highway project in its original, relocated, or newly installed position.

The Contractor will not be held responsible for the cost of repairs to damaged underground utility facilities other than service lines from street mains to abutting property when such facilities are not shown on the highway plans and their existence is unknown to the Contractor prior to damages occurring, providing the Engineer determines that the Contractor has otherwise fully complied with the specifications.

D. DRAINAGE

- (1) The Contractor will observe all applicable local, state, and federal safety regulations regarding pipe installation in trenches. No separate payment will be made for any cost incurred to comply with this requirement.
- (2) The Contractor will insure that positive and adequate drainage is maintained at all times within the project limits. This may include, but is not 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 pay items in the detailed estimate, no separate payment will be made for any costs incurred to comply with this requirement.
- (3) The following items shall be considered incidental to the cost of the project and their cost shall be included in other items bid on this project: Cleaning of drop inlets, culverts, and pipes (existing and proposed).
- (4) The locations and elevations of drainage structures will be verified by the Contractor for best fit of field conditions. Elevations not shown on the plans are to be set in the field. Payment is to be included in other drainage items.
- (5) All existing drainage pipe located beneath the existing pavement, not to be used in final drainage and determined by the Engineer to be sound condition, may be left in place and shall be plugged with Class "B" Concrete unless otherwise indicated in the plans. The cost of pipe plugs shall be included in the total price bid for new pipe, unless otherwise indicated on the plans. All existing drainage pipe not to remain for drainage purposes and not located beneath the existing pavement are to be removed. All cost for the removal of these pipes are to be included in the price bid for Clearing and Grubbing.
- (6) All catch basins or drop inlets to be stage constructed shall be paid for one time only, regardless of intermediate activities of construction.

E. EXCAVATION, EMBANKMENT, EROSION CONTROL

- (1) All excavation shall be paid for as Grading Complete.
- (2) Soil erosion measures will be required. The Contractor shall either plant temporary grass, mulch, or permanent grass as soon as possible to prevent the erosion of slopes.
- (3) The Department of Transportation will not approve of any Contractor-optional borrow pit until that site has received a Cultural-Resources Site Clearance.
- (4) All outfall ditches, inlets, berms, etc. shall be excavated as directed by the Engineer and paid for as Grading Complete.
- (5) Excavated unstable material may be used to flush and flatten slopes as directed by the Engineer. Unstable material will be paid for as Grading Complete. No separate pay item is provided. Locations and depth of removal to be as directed by Engineer.
- (6) If borrow exceeds the quantity available in the pits supplied by Chatham County, the Contractor shall be responsible for locating and furnishing the additional material.
- (7) Borrow pits that are being provided by Chatham County shall be certified by the Department's "Office of Materials and Research"

F. MISCELLANEOUS

- (1) Where existing pavement markings and lines are in conflict with the traffic pattern being used on construction, the Contractor shall remove or overlay the markings and lines to the satisfaction of the Engineer such that they do not confuse the travelling public. All remaining lines or markings shall be in conformance with the "Manual of Uniform Traffic Control Devices" or as directed by the Engineer. Traffic shall not be allowed on any pavement not properly striped.
- (2) The total acres shown on the plans for Clearing and Grubbing are for information only. The Department of Transportation assumes no responsibility for its accuracy. The cost for Clearing and Grubbing shall be included in the unit price bid for Grading Complete and it shall be the contractor's responsibility to determine the actual acres to be cleared and grubbed. No claims will be considered for extra compensation if the contractor relies on the acres shown on the plans.
- (3) The total acres shown on the plans for grassing is for information only. The Department of Transportation assumes no responsibility for its accuracy. The Contractor shall bid on Grassing-Complete, and it shall be his responsibility to determine the actual area to be grassed. No claims will be considered for extra compensation if the contractor relies on the area shown on the plans.
- (4) Price bid per linear foot for storm or sanitary sewers shall include all costs of pipe connections and cut-ins to existing manholes or existing lines.
- (5) When new or modified sign structures are called for, the necessary work shall be constructed as soon as possible to minimize the time temporary signs are in place or to eliminate the need for temporary signs.
- (6) All temporary fence shall be field fence woven wire, or as called for in the plans. Temporary fence shall be removed when no longer required.
- (7) The cost of detour grading and earthwork operations required solely for detours shall be included in the price bid for Grading Complete.
- (8) The Contractor shall be responsible for all temporary striping and signing which shall be included in the unit price bid for "Traffic Control".
- (9) This entire project is to be considered to be within the limits of an insect-infested area. The Contractor's attention is called to the following sections or Special Provisions to the Standard Specifications:
 - A: Section 155 Insect Control
 - B: Section 893 Miscellaneous Planting Materials
 - C: Section 107.3D Insect Control Regulations
- (10) If the project requires the removal of historical markers before construction begins, the Contractor shall notify the Georgia Department of Natural Resources (DNR) representative, at 656-2770 or 389-7810, a minimum of two (2) weeks prior to construction in order to arrange for removal and storage of the markers.
- (11) Any Mile Post Marker that may be disturbed or removed during construction or that becomes too close to the new edge of pavement shall be reset or replaced as per Georgia Standard No. 9033 (Milepost), as directed by the Engineer. No separate payment will be made. Costs are to be included in the overall bid.
- (12) This project has a total of 9.5 acres and the expected disturbed area is 9.5 acres.
- (13) All drives that are to be reconstructed shall be replaced in kind i.e. asphalt for asphalt, concrete for concrete, and aggregate surface course for earth. Where required, drives shall be constructed as follows, unless otherwise noted on the driveway summary:

ASPHALT DRIVES	Residential : 1 1/2"	Asphaltic Concrete "E"
	6"	Graded Aggregate Base Crs.
Commercial : 1 1/2"	2"	Asphaltic Concrete "E"
	6"	Graded Aggregate Base Crs.
CONCRETE DRIVES	Residential : 6"	Driveway Concrete or 6" Concrete Valley Gutter
	Commercial : 8"	Driveway Concrete or 8" Concrete Valley Gutter
EARTH DRIVES	All Types : 4"	Aggregate Surface Course

- (14) All work shall be in accord with the Georgia Department of Transportation's "Standard Specifications for the Construction of Roads and Bridges" Current Edition and Supplements. Hereinafter called the Standard Specifications.
- (15) No Class III material will be permitted in the embankment. The top 12" of embankment shall be Class II B 2 or better material.
- (16) The Contractor shall comply with all noise restriction codes, in place, that may apply to this project.
- (17) The work area along Staley Ave. will be closed to traffic during construction. The contractor will be required to install a series of advance warning signs as directed by the Engineer. Detour signage will also be required by the Engineer. Detour route is shown in the location map on sheet one.
- (18) The relocation of the C.S.X. access road, realignment of Ewell Street and work on frontage roads must be complete before placement of embankment begins.
- (19) All references in these plans to Staley Avenue shall be deemed to mean Deane Frazier Overpass.