

CONSTRUCTION NOTES

I. GENERAL

- I.1. The Builder shall comply with all laws, ordinances, rules and regulations bearing on the conduct of the work. Permits required for construction of facilities within and/or crossing the right-of-way of state highways, railroads and waterways shall be obtained by JEA.
- I.2. No work shall be performed in such areas until said permits have been obtained. Easement for permanent structures and any construction easements required shall be secured by JEA before construction commences.
- I.3. The Builder shall: Perform all work using approved materials and methods in accordance with the project documents, drawings and the Underground Construction Standards Manual and Master Material List.

II. SUB-SURFACE DATA

- II.1. Any borings and sub-surface data including ground water elevations, underground utility and structural locations that may be furnished or indicated on the plans are presented only as information that is available.
- II.2. Borings and sub-surface data are in no way guaranteed to represent materials at points other than those at which the borings were made nor the actual location or the non-existence of underground utilities or structures.

III. SAFETY, PROTECTION AND EMERGENCIES

- III.1. The Builder shall be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the work. He shall take all necessary precautions for the safety of, and provide the necessary protection to prevent damage or injury to all employees and to the public; all the work and all the materials and equipment; and other property at or adjacent to the site, including trees, shrubs, lawns, walks, pavements, roadways, structures and utilities not designated for removal, relocation or replacement in the course of construction.
- III.2. He shall erect and maintain all necessary safeguards for safety and protection, including posting danger signs, barricades and other warnings against hazards. He shall notify owners of adjacent property and utilities when prosecution of the work may affect them.
- III.3. In emergencies affecting the safety of persons or the work or property at the site or adjacent thereto, the Builder, without special authorization from the Engineer or Owner, is obligated to act, at his discretion, to prevent threatened damage, injury or loss.

IV. CLEANING UP

- IV.1. The Builder shall keep the premises, right-of-way and adjacent property free from accumulations of waste materials, rubbish and other debris resulting from the work, as well as all tools, construction equipment and surplus materials, and shall leave the site clean.

V. DRAINAGE

- V.1. The Builder shall so conduct his operations and maintain the work in such condition that adequate drainage shall be in effect at all times.
- V.2. The Builder will not obstruct existing gutters, ditches and other run-off facilities.

VI. TRAFFIC INTERFERENCE

- VI.1. The Builder shall plan and coordinate his work with the City of Jacksonville Traffic Engineer's Office so as to minimize traffic interference. The current "Procedure For Traffic Regulation During Street Excavations, Traffic Lane Closures and Work Within Streets Right-Of-Way" issued by Director of Public Works, City of Jacksonville, applies.

VII. TREE PROTECTION ON PUBLICLY-OWNED OR CONTROLLED PROPERTY

- VII.1. The Builder shall protect all trees, as defined in City Ordinance 73-922-812, for damage by vehicles, equipment and machinery, except those trees designated for removal by the Engineer in accordance with paragraph "5".
- VII.2. Excavated dirt shall not be piled around the base of the tree. The Builder shall not bury or burn refuse around or near trees. The Builder shall proceed with caution when excavating in the vicinity of the root structure of any tree. Excavation shall be by hand if necessary.
- VII.3. Roots up to two inches in diameter when severed do not require any pruning paint. Roots from two inches to four inches in diameter must be severed with a pruning saw and painted. An axe or similar tool is not acceptable for pruning. The wood shall be treated with asphalt-type pruning paint as soon as possible after pruning. Roots over four inches in diameter shall not be severed except as directed by the Engineer.
- VII.4. Any tree whose root system has been disturbed or damaged must be properly fertilized to aid in their recovery. Application of fertilizer shall be made under the direction of JEA Urban Forester.
- VII.5. It shall be the responsibility of the Engineer to make all decisions pertaining to removal of trees. The Engineer shall use as a guide City Ordinance 73-922-812 in making his determinations. The Engineer is granted authority, as a blanket permit, for the necessary removal of trees under the requirements of said ordinance. Each project file is to contain documentation and a brief explanation of the Engineer's decision to remove trees so as to provide the justification for such action for later reference. The final authority in settling any conflict with trees on publicly-owned or controlled property shall remain with the Director of Public Works, City of Jacksonville.