

## **Sundown Sanitary Sewer District Supplemental Provisions**

The following Supplemental Provisions modify, change, delete from, or add to the General Provisions. Where any section of the General Provisions is modified or any paragraph, subparagraph or clause modified or deleted by the following Supplemental Provisions, the unaltered provisions of that Section, paragraph, subparagraph or clause shall remain in effect.

1. Scope of Work: Existing sections of 8-inch and 10-inch concrete tile sanitary sewer pipe are leaking groundwater into the treatment system. Replacement with typical excavation procedures is not practical. Therefore, the District is requiring that a smaller diameter HDPE pipe be pulled through the various sections of old sewer pipe, with the ends sealed off to prevent groundwater from leaking into the repaired sections of pipe. Removal and replacement of certain manholes will also be required.

The preparation of the HDPE pipe will require that the sections of pipe to be thermal welded together. Welding will be undertaken by personal trained and certified by the HDPE pipe manufacturers. The inside bead of the joints shall be cut away, leaving a smooth inside surface.

The Contractor will measure and verify the lengths of HDPE pipe required prior to installation.

The sections of sanitary sewerline will be cleaned and then the HDPE pipe will be pulled through the existing pipe. Installation of the long section of new HDPE pipe will require the pipe to lay through and existing manhole(s). After installation of the new HDPE pipe the Contractor will cut off the top of the HDPE pipe in the manholes in order to allow access to the sewer pipe. Contractor to grout seal the space between the new HDPE pipe and the old pipe in order to prevent groundwater from entering the collection system.

2. Restoration of the Work Area: The Contractor shall restore the work area damaged by his construction to a condition equal or better than that existing prior to his construction.

3. Traffic Control: The Contractor shall install and maintain necessary traffic control and warning devices as may be required. Equipment, signage, and flaggers shall be operated and maintained in accordance with the Manual On Uniform Traffic Control.

4. The Contractor shall not track mud or cement onto private property, public street, highway, or into "wetlands".

5. The Contractor shall call of utility locates prior to any excavation work.
6. All stages of construction shall be undertaken in accordance with the current APWA Standard Specifications, unless specifically excluded by these Supplemental Provisions. This shall include the delivery, installation of materials, placement of materials, compacting and finishing of materials, and weather limitations.
7. Various stages of construction will require witnessing and/or inspection by the District's Engineer before the Contractor can proceed from one phase to another. This will include but not limited to the installation of pipe, compaction of trenches and rock materials. The Contractor shall be responsible for coordinating and scheduling with the District's Engineer for all required tests. Adequate prior notice shall be required. Any work undertaken without approval will be removed and replaced at the Contractor's expense.