

# **E PELICAN STREET STORMWATER IMPROVEMENTS**

## **PROJECT DESCRIPTION**

The project consists of the following components:

- Installation of 12" HDPE pipe
- Installation of type "C" catch basins
- Connection of new 12" HDPE to existing inlet box.
- Connection of existing 12" RCP to new type "C" catch basin
- Removal and restoration of existing driveways
- Sodding
- Contractor shall visit the site to become familiar with existing conditions prior to submitting a bid.

## **SCHEDULE**

Time is of the essence for this project and expediting the commencement is critical. Contractor needs to provide to the County a project schedule before commencing the project. The project will commence upon Notice to Proceed (NTP) from the County and have a duration of forty (40) days. Substantial and final completion must be achieved as follows:

- Substantial completion must be reached for all aspects of the project no later than thirty (30) days from the issued NTP.
- Final completion must be reached for all aspects of the project no later than forty (40) days from the issued Notice to Proceed.
- Liquidated damages shall be applicable if substantial completion is not achieved by the 30<sup>th</sup> day from the issued NTP. Liquidated damage amount shall be based on the schedule from the FDOT Standard Specifications for Road and Bridge Construction, July 2021.

Purchase order will be opened quickly after lowest bidder is identified and NTP will be issued shortly after that.

## **GENERAL NOTES**

1. All elevations refer to North America Vertical Datum (NAVD88)
2. The Contractor shall perform the work in accordance with FDOT "Standard Specifications for Road and Bridge Construction", 2021.
3. Clearing and grubbing shall be limited to work areas only at the Contractor's expense. Contractor shall be responsible for restoring all areas disturbed by its work. All disturbed areas shall be restored to pre-construction conditions. Contractor shall be required to water vegetation replaced until established/rooted.
4. Contractor is responsible to restore any existing landscaping or infrastructure that may be removed or damaged during construction.
5. Contractor is responsible for removing and re-establishing any existing traffic/road sign within the right-of-way.

6. It is the contractor responsibility to field locate and verify any existing utilities before commencing any work.
7. Contractor shall use proper control and follow FDOT's "Best Management Practices" for sediment and erosion control. Appropriate turbidity and erosion control devices, as deemed necessary, shall be installed and maintained at all times, through all phases of construction.
8. The contractor shall notify the County of any encroachments onto private property.
9. Access to existing streets and driveways shall be maintained to local traffic and property owners. Contactor shall coordinate all roadway closures with the County and property owner.
10. Contractor is responsible for clearing and cleaning the affected roadways on a daily basis.
11. Work hours and work hour restrictions: Work shall be limited to 7:00 AM to 7:00 PM Monday through Saturday. No work shall be permitted on Sundays or County Holidays without prior County approval.

## **MEASUREMENT AND PAYMENT (M&P)**

1. Mobilization/Demobilization. Payment for this item will be made at 50% after the first month and payment for the remainder 50% will be made after project is completed.
2. Maintenance of Traffic (MOT). Payment for this item will be made at 50% after the first month and payment for the remainder 50% will be made after project is completed.
3. Survey Layout and Record Drawing. Payment for this item will be made at 50% after the first month and payment for the remainder 50% will be made after project is completed.
4. Paver Driveway. Payment for this item will made at the appropriate Contract Unit price per square yard of paver driveway actually removed and replaced for construction. Limits of driveway restoration shall be confirmed and approved by the County's project manager prior restoration. Driveway shall be constructed per Collier County Right of Way Standards and per the contract documents. See attached driveway detail. Contractor is responsible for storing and secure existing brick pavers. Brick pavers shall be placed on a pallet and wrapped to prevent damages. If additional brick pavers are needed for restoration, Contractor shall coordinate with the County and property owner to assure acceptable matching brick paver is order by the Contractor. All driveways must have a constant slope from the right-of-way limit to the edge of pavement.
5. Concrete Driveway. Payment for this item will made at the appropriate Contract Unit price per square yard of concrete driveway actually removed and replaced for construction. Limits of driveway restoration shall be confirmed and approved by the County's project manager prior restoration. All driveways shall be constructed per Collier County Right of Way Standards and per the contract documents. See attached driveway detail. All driveways must have a constant slope from the right-of-way limit to the edge of pavement.
6. Type "C" Structures. Payment for this item will be made at the contract bid unit price and shall be based on the number of catch basins actually installed and accepted by the County. Installation includes disposal of excess material, inlet bottom, field adjustments, cutting, concrete reinforcement work, riser (if required), frame, adjustments, grate or cover, sod and grading from the structure to the nearest driveway, edge of pavement, right-of-way limit and/or to the midpoint between two

structures, any incidental regrading, clearing and grubbing, and all transportation, labor equipment and all other incidentals required to construct the new inlet complete in place.

7. 12" HDPE. Payment for this item will be made at the contract unit price and shall be based on the horizontal laying length of the pipe in linear feet as measured from inside wall to inside wall of inlets, and accepted in accordance with the Drawings and Specifications, as measured along the center line of the completed pipe. Installation includes disposal of excess material, removal and disposal of existing storm culvert pipe, installation of pipe and fittings, silt socks, gaskets, sod and grading between driveways, from the right-of-way limit to edge of pavement and/or to the midpoint between two structures, clearing and grubbing, all equipment and all other incidentals necessary to complete the installation as specified.
8. Connection to existing inlet box. Payment for this item will be made at the contract unit price and shall be based on the number of connections installed and accepted by the County. Installation of the new connection to the existing inlet box includes all required structure dewatering, structure modifications, sawing, installation of pipe, fittings, restoration, and all other items necessary to make the connection to the existing catch basin.