

December 16, 2024

Harbor and Holiday Lane Drainage Improvements Outfall Replacements: Phase 1

Procurement Method: 20-7800 UNDERGROUND CONTRACTOR SERVICES

Location: Harbor Lane, Harbor Place and Holiday Lane, Naples FL 34104

Background



This project is located on Harbor Lane, Harbor Place and Holiday Lane, Naples FL off Brookside Drive north of Davis Blvd. Drainage issues have started to occur and the existing 12", 16" and 18" reinforced concrete pipes (RCP) need to be upsized to account for it. Drainage pipes run across the Right-of-Way (ROW) and through single-family residential houses that discharge into the surrounding canals through outfalls embedded in the seawall.

Scope of Work

The proposed project entails the replacement of 12", 16" and 18" RCP that is currently situated beneath the ROW and between the single-family residential houses. The replacement will involve the installation of the ERCP pipes underneath the roadways, HDPE pipes between the single-family residential houses and installing type "V" FDOT Valley Gutter Inlet with WAPRO inline check valves, at each side of the crossing as shown in the approved plans.

Prior to construction, the contractor shall be responsible for having a licensed surveyor field locate the property lines, existing drainage easements, and stakeout the line and grade. Upon completion of the work, the licensed surveyor shall replace any damaged or missing property pins and/or monuments. Contractor is responsible to take two (2) detailed videos, one prior and one post construction showing the entire project areas. The first videos shall be after the utility locate has been marked out and the second should be taken at the time of the final walk through. The videos should include but not limited to showing utility markings, above ground utilities, driveways, walkway conditions, structures, pavers, sea wall, fences, landscaping etc. The videos submitted in a digital format to the Collier County Project manager prior to start of actual construction and after the final walk through.



Contractor is responsible to excavate the and remove existing drainage pipes. Refer to plans for quantities and sizes. Clearing and grubbing will be performed within the construction limits. The contractor is also responsible to restoring all disturbed areas back to its original conditions. That includes but not limited to, driveways, pavers, sidewalks, landscaping, trees, fences etc.

The contractor is responsible to for the milling, resurfacing and replacing any asphalt or pavement that may have been disturbed or removed during the removal of the old pipe and installation of the new pipe.

The contractor shall perform all work necessary to complete the excavation, removal and replacement of the pipes and structures, final grading and full restoration of the project area. The work is comprised of furnishing all equipment, labor, material, plants, tools to perform all work incidental to completer the job. Work consist of site digital video recording, maintenance of traffic, surveying, clearing/grubbing, demolition, construction staking, layout, SUE, excavation, loading/hauling and disposal of materials to the Landfill, or an approved receiving site, dewatering (if necessary), bedding, pipe and pipe fittings removal and replacement, seawall installation, connection of pipes to structures, grout/mason work, gravel, backfill and compaction, protection of all utilities, protection of existing A/C units, irrigation systems, pavement restoration, concrete sidewalk removal and replacement, paver removal and replacement, fence removal and replacement, site restoration and cleanup. Sod, landscaping, irrigation, fence, gate and utilitarian accessories shall be restored to good conditions.