

U.S. 17/92 Community Redevelopment Agency (CRA) Stormwater Contract
DRAFT Scope of Services

Purpose:

The US 17/92 Corridor Redevelopment Agency Master Plan (CRA Master Plan) made recommendations about stormwater treatment needs for the corridor. The purpose of the Regional Stormwater Program is to increase redevelopment potential, density and/or intensity while meeting stormwater design standards.

This contract will allow the CRA to move forward with the selection of potential regional stormwater retention areas. Contract activities include, but are not limited to, data collection, preliminary engineering, rights-of-way needs analysis, property acquisition assistance, final design, permitting and construction support.

The overall goal is to attract development to this corridor with a benefit that the traditional amount of land area per project for stormwater treatment and attenuation to meet St. Johns River Water Management District (SJRWMD) permit requirements is reduced or eliminated by having shared treatment facilities along the CRA corridor.

As part of this contract, a Stormwater Plan will be created that will identify basins where stormwater project options are feasible to meet regulatory quality and quantity criteria.

Various tasks will be included, but not be limited to:

Data Collection

- Conduct an analysis of the natural environment, contamination conditions, and historical/archaeological resources and available County and Cities Geographic Information System (GIS) resources.
- Perform field reconnaissance, surveying, and computer modeling to verify data and to ensure that the recommendations are feasible.
- Research FDOT Straight-line Diagrams related to US 17/92 Corridor Pipe Systems.
- Review SJRWMD Permit inventory, Seminole County & City GIS Inventory
- Include as needed services by Sub Consultants, but not limited to:
 - Real Estate
 - Historical/Cultural
 - Geotechnical Contamination
 - Survey and Mapping
- A Partial List of available information may include:
 - US 17-92 Corridor Master Plan (VHB)
 - Fern Park Redevelopment Framework – April 2004
 - Final Report and Abstract finding of Necessity for a CRA, May 1997

- Various FDOT US 17/92 Roadway Plans
- Stormwater Management Plan for the Fern Park Redevelopment Framework Study, April 2004
- Perform other data collection duties as needed.

Preliminary Engineering and Master Planning

- Develop a list of parcels for potential Regional Stormwater Facilities (RSF).
- Analyze basic pollutant loading estimates for Jesup, Monroe/Harney TMDL Basins and others as identified.
- Perform the needed engineering analysis to determine if the proposed RSF facilities are feasible.
- Perform cost estimates for each RSF area.
- Develop potential funding strategies for RSF construction and operation.
- Perform benefit/cost analysis for each proposed RSF.
- Meet with FDEP/SJRWMD staff to review RSF concepts.
- Analyze alternative methods to fund the RSF facilities such as Stormwater site grants, etc.
- Develop a Pilot Project(s) for design and construction.
- Create a US 17-92 CRA Stormwater Plan summarizing the recommendations.
- Attend US 17/92 CRA Meetings as needed to assist in the analysis and selection of the final RSF facilities.
- Perform other preliminary engineering duties as needed.

Final Engineering

- As requested, prepare complete sets of construction contract documents, plans, specifications and special provisions as needed for the proposed RSF.
- Provide Survey and Mapping services as needed to complete the required design services.
- Provide Geotechnical Engineering support as needed.
- Attend meetings as necessary and provide any related Public Information support.
- Provide assistance for property acquisitions related to appraisals, hearings, condemnations proceedings, and other litigation including the preparation of trial exhibits.
- Provide environmental research and support, including, but not limited to, contamination analysis, wetland research and analysis, threatened and endangered species and archeological and historical research.
- Provide any post design services and/or plan update services as needed.
- Provide other final design duties as needed.