

INDIVIDUAL PROJECT ORDER NUMBER 30

Describing a specific agreement between Kimley-Horn and Associates, Inc. (“Kimley-Horn”), and Board of Sumter County Commissioners (“the County”) in accordance with the terms of the Master Agreement for Continuing Professional Services dated September 22, 2020, which is incorporated herein by reference.

Identification of Project:

Project: LSSA LS Rehabilitation and Forcemain Design

Client: Board of Sumter County Commissioners

Project Manager: James Clayton, P.E.

Project Understanding:

Under this IPO, the County has requested Kimley-Horn to design a new forcemain to reroute the existing forcemain from Little Sumter Service Area (LSSA) Lift Station (LS) No.13 and the required lift station modifications to rehabilitate LSSA LS No. 2 and No. 13 as identified in the final recommendations of the technical memorandum “Little Sumter Service Area – Lift Station No.2 and LS No.13 Sewershed Analysis” dated July 15th, 2022, prepared by Kimley-Horn under a separate Project Order.

Specifically, the County has requested Kimley-Horn to prepare the construction documents and assist the County with bidding and construction phase services for the following project elements that were recommended in the July 15th Technical Memorandum:

1. Design and permitting of approximately 4,900 linear feet of new 6-inch forcemain from its existing outfall location from LS No.13 to discharge directly to LS No.2.
2. Design and permitting of lift station modification plans and pump upgrades for LS No.2 and LS No.13 as recommended in the July 2022 Technical Memorandum, including electrical plans and details.
3. The general location and route of the proposed improvements is shown on attached Exhibit A.

Specific Scope of Basic Services:

Task 1 – Data Collection, Coordination, Project Management

- A. Kimley-Horn will prepare for and attend a project design kick off meeting with County Staff, District Staff, and any other stakeholders identified by the County for attendance. Project objectives, schedule, communication protocols, and base information will be discussed.
- B. Kimley-Horn will utilize relevant data collected previously for the development of the Little Sumter Service Area – Lift Station No.2 and Lift Station No. 13 Sewershed Analysis to facilitate the design of this project.
- C. Kimley-Horn will schedule and conduct up to 3 regular progress meetings with the attendees of the kickoff meeting. Meeting agendas and minutes will be prepared for all kickoff and progress meetings.
- D. Kimley-Horn will coordinate with the survey and geotechnical subconsultants throughout the project to facilitate the collection and review of the appropriate information associated with their scope of services.

Task 2 – Subconsultant and Design Support Services

Kimley-Horn will utilize qualified local subconsultants to perform the required survey and geotechnical services. Kimley-Horn will utilize in house electrical engineers for the electrical design.

- A. Kimley-Horn will retain a professional survey subconsultant to provide the following services:
- 1) Topographic information to include full right-of-way (ROW) plus 10 ft beyond the ROW for the Sumter County public roads along the proposed 4,900 linear foot forcemain route as shown in Exhibit A. Topographic information within the FDOT ROW for US HWY 441 will be obtained from the edge of pavement to the SW ROW line plus 10 feet beyond the ROW line. ROW will be determined based on found monumentation. Topographic information will be collected on 100-foot intervals.
 - 2) The location of improvements within the ROW and extending 10 feet beyond the ROW. These improvements generally consist of hydrants, manholes, trees larger than 6 inches, driveways, power poles, utility boxes, and mailboxes.
 - 3) Designate the underground utilities located within the project topographic limits to APWA Quality Level “B” standards. The utility markings will be surveyed as part of the depicted project survey.
 - 4) Vertical Datum will be NAVD 1988 with contours shown on 1-foot intervals.
- B. The geotechnical subconsultant will provide the following services:
- 1) Three soil borings at areas determined by Kimley-Horn to depths of 10 to 20 feet below existing grade along the proposed forcemain route.
 - 2) Borings will be tested per ASTM Standards and classified per the Unified Soil Classification Group System.

Task 3 – Engineering Design and Permitting

- A. Kimley-Horn will provide the following electrical design components:
- 1) Sizing and design of the control panels and variable frequency drives (VFDs) required for the Lift Station upgrades.
 - 2) Coordination with the power company for any transformer upgrades corresponding to the Lift Station upgrades.
 - 3) Confirmation that the existing generator is sufficiently sized for proposed Lift Station No.2 pumps. If generator upgrades are necessary, Kimley-Horn will specify those details as part of the electrical design.
- B. Kimley-Horn will prepare engineering design plans, prepared to industry standards and the level of detail required by the utility provider and permitting agencies, of the proposed lift station and sewer transmission system improvements for the project. These plans will generally consist of the following elements:
- 1) Cover Sheet, Key Map, and General Notes

- 2) Plan and Profile Sheets for the Forcemain Extension
 - 3) Lift Station Rehabilitation Design Sheets for LS No. 2 and LS No. 13
 - 4) Utility Details
 - 5) Electrical Details
 - 6) General Construction Details
- C. Kimley-Horn will prepare and submit 60% and 90% engineering design plans for review by the County, the District, and any other stakeholders desired by the County prior to completion and submission of the final engineering plans. Kimley-Horn will respond to requests for additional information associated with each submittal.
- D. Kimley-Horn will utilize Sunshine One Call to verify the name, contact person and telephone number for all utility companies located within the project area. These utility contacts will be shown on the cover sheet of the plans.
- E. Following County standard procedures, Kimley-Horn will coordinate with the identified utility owners for potential conflicts along the proposed forcemain route.
- F. Kimley-Horn will conduct the required permitting activities with the Florida Department of Environmental Protection for a Sewer Collection System Permit.
- 1) Kimley-Horn will coordinate and attend a preapplication meeting with the FDEP.
 - 2) Kimley-Horn will submit form 62-604.300(8)(a) to notify/apply for the construction of a domestic wastewater collection/transition system under the general permit associated with Rule FAC 62-604.
 - 3) Kimley-Horn will respond to normal and typical requests for additional information from FDEP.
- G. Kimley-Horn will conduct the recommended permit exemption activities with the Southwest Florida Water Management District (SWFWMD) for an ERP Exemption Verification.
- 1) Kimley-Horn will coordinate and attend a preapplication meeting with the SWFWMD.
 - 2) Kimley-Horn will submit form 62-330.050(1) to request verification of permit exemption under Rule 62-330.051 (4)(d) to SWFWMD.
- H. Kimley-Horn will conduct the required permitting activities with FDOT for a FDOT Utility Permit Application.
- 1) Kimley-Horn will prepare a FDOT Utility Permit application in compliance with the latest version of the FDOT Utility Accommodation Manual.
 - 2) Kimley-Horn will coordinate and attend a preapplication meeting with FDOT District 5.
 - 3) Kimley-Horn will submit a utility permit application to FDOT via the electronic permit submittal portal.

- 4) Kimley-Horn will respond to normal and typical requests for additional information from FDOT.

Task 4 – Bid Administration Assistance and Construction Phase Services

- A. Kimley-Horn will prepare bid packages consisting of plans and technical specifications. The County will provide the contractual documents for the front end of the specifications.
- B. Kimley-Horn will prepare a bid form and opinion of probable cost.
- C. Kimley-Horn will assist the County in preparing the bid advertisement.
- D. Kimley-Horn will review requests for additional information submitted by the bidding contractors and assist the County in preparing bid addenda.
- E. Kimley-Horn will review the bid responses and tabulate the results. Kimley-Horn will provide the County with a written bid tabulation record along with a selection recommendation.
- F. Kimley-Horn will attend a Pre-Construction Conference prior to commencement of Work at the Site. Kimley-Horn will provide the selected contractor with three complete sets of project documents along with copies of the appropriate permits, notices, and documents.
- G. Kimley-Horn will make up to nine site visits as directed by County in order to observe the progress of the work. Such observations will not be exhaustive or extend to every aspect of Contractor's work. Observations will be limited to spot checking, selective measurement, and similar methods of general observation. Based on information obtained during site visits, Kimley-Horn will evaluate whether Contractor's work is generally proceeding in accordance with the Contract Documents, and Kimley-Horn will keep the County informed of the general progress of the work. The County will perform daily construction observation and inspection and provide.

Kimley-Horn will not supervise, direct, or have control over Contractor's work, nor shall Kimley-Horn have authority to stop the Work or have responsibility for the means, methods, techniques, equipment choice and usage, schedules, or procedures of construction selected by Contractor, for safety programs incident to Contractor's work, or for any failure of Contractor to comply with any laws. Kimley-Horn does not guarantee the performance of any Contractor and has no responsibility for Contractor's failure to perform its work in accordance with the Contract Documents.
- H. Kimley-Horn will recommend to County that Contractor's work be disapproved and rejected while it is in progress if, on the basis of its observations, Kimley-Horn believes that such work will not produce a completed Project that generally conforms to the Contract Documents.
- I. Kimley-Horn will respond to reasonable and appropriate Contractor requests for information and issue necessary clarifications and interpretations of the Contract Documents. Any orders authorizing variations from the Contract Documents will be made by County.
- J. Kimley-Horn will review and approve or take other appropriate action in respect to Shop Drawings and Samples and other data which Contractor is required to submit, but only for conformance with the information given in the Contract Documents. Such review and approvals or other action will not extend to means, methods, techniques, equipment choice and usage, schedules, or procedures of construction or to related safety programs.

- K. Kimley-Horn will evaluate and determine the acceptability of substitute/"or-equal" materials and equipment proposed by Contractor in accordance with the Contract Documents.
- L. Kimley-Horn will participate in a final site visit and walk through with the County. Kimley-Horn will prepare the close out documents including as-built certifications. As-builts to be provided by the Contractor.

Task 5 –Permit Application Fee Allowance

- A. At the request of the County, Kimley-Horn has included an amount to be utilized as a governmental permit fee expense reimbursement. Up to the amount noted in Table A, Kimley-Horn will provide application fee checks to the permit agencies noted in the above Scope of Services. Because this task is an estimate only, if for any reason any fees beyond the amount noted are required for the Project, the County will execute a contract amendment for those additional amounts prior to Kimley-Horn expending the funds.
- B. At this time, we expect the following permit application fees to be needed for this Project:
 - 1) FDEP Sewer Collection System Permit Application
 - 2) SWFWMD ERP Exemption Verification Application
 - 3) FDOT Utility Permit Application

Deliverables:

Kimley-Horn will provide the following deliverables associated with this project:

1. Agendas and Minutes for all progress meetings
2. One PDF copy of the Draft Engineering Design Plans and specifications.
3. One PDF and hard copy of the Final Engineering Design Plans and specifications.
4. Hard copies of all utility coordination efforts and work schedules.
5. Copies of all permits issued under this Project Order.
6. All items noted under Task 4.
7. All project close-out documentation.

Schedule:

Kimley-Horn will provide the services described in the Scope of Services in an expeditious manner based on an agreed upon schedule. The design and permit application submittals will be completed as expeditiously as possible.

Additional Services if Required:

Services not specifically stated in the scope of services above are not included. Compensation for additional services will be agreed to prior to their performance.

Method of Compensation:


Kimley-Horn will provide the Scope of Services for the lump sum fee of \$187,775.00. Please refer to Table A for a breakdown by task of the lump sum fee.

Services provided under this IPO will be invoiced monthly. All invoices will include a description of services provided.

Attachments: EXHIBIT A, TABLE A

BOARD OF SUMTER COUNTY COMMISSIONERS KIMLEY-HORN AND ASSOCIATES, INC.

BY: _____

BY:  _____

Richard V. Busche, P.E.

TITLE: _____

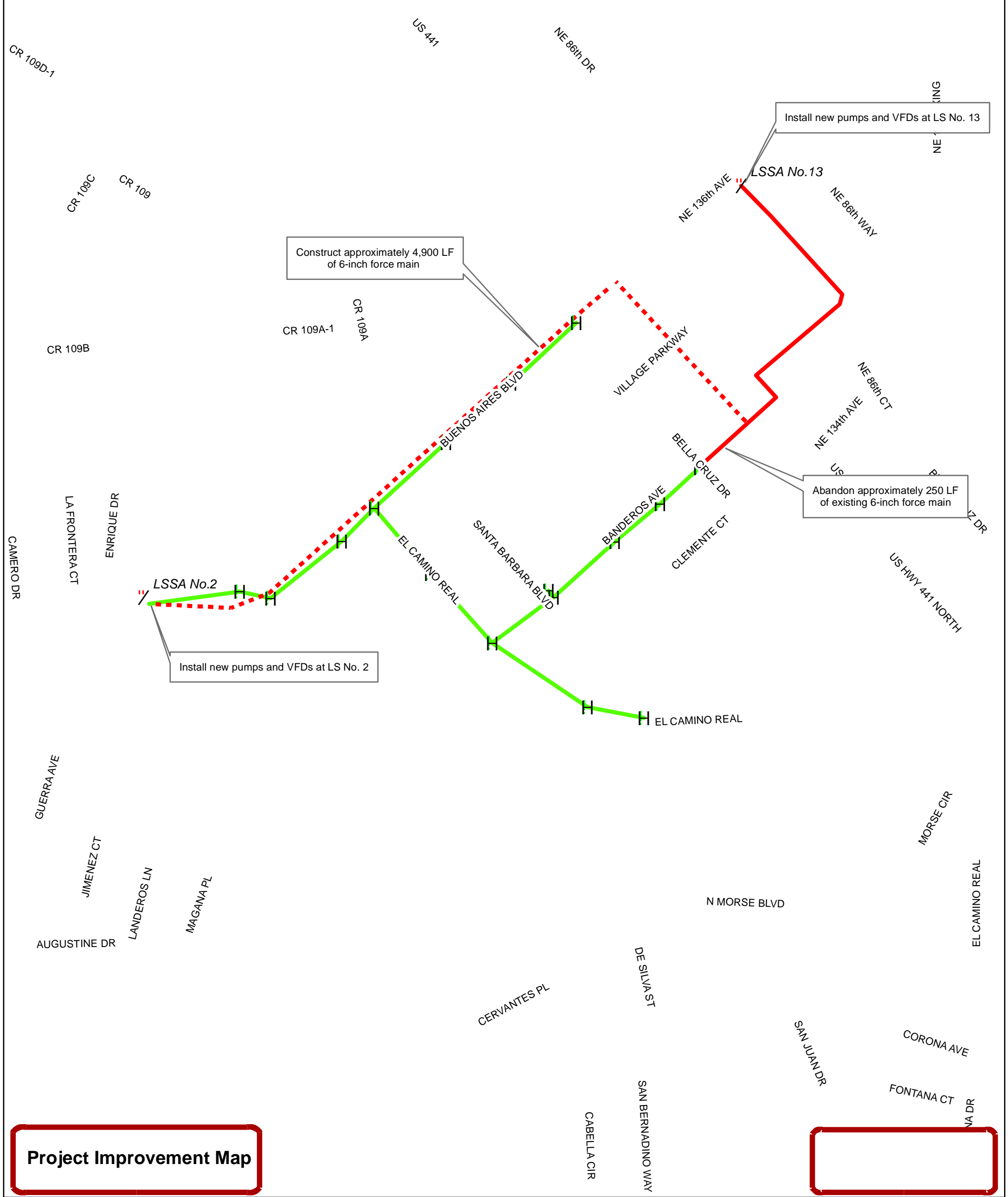
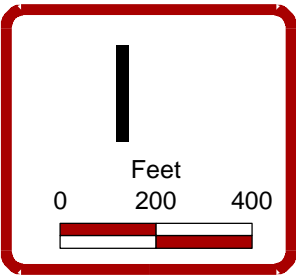
TITLE: Senior Vice President

DATE: _____

DATE: July 19, 2022

Legend

- Existing Manholes
- LSSA Lift Station
- Existing Gravity Mains
- Existing 6-inch Force Main
- Proposed 6-inch Force Main



Project Improvement Map