



Kenneth Horne & Associates, Inc.
CIVIL ENGINEERS

Monthly Status Report
Dated: February 15, 2019

To: Keith Fell, P.E. ECUA, Colby Brown, Escambia County, Jim Hagon, Escambia County,

1. Innerarity Island Sewer System Upgrades

Survey: The survey used for the water system upgrade project has been upgraded using limited field reconnaissance to add driveways and infrastructure to lots that have been developed subsequent to the existing survey. The field work also provided an opportunity to add missing driveway and other information along the proposed construction route.

Design: Review from the 60% design review of the Low Pressure Sewer System and the Russell Bayou gravity sewer system and lift station has been received. The Low Pressure Sewer System 90% civil plans ready for review. The Russell Bayou Lift Station 90% design plans are ready for review. The electrical design is being revised to address 60% review comments. The 90% design package will be issued after receipt of the electrical 90% plans. The 90% cost estimate is attached for your review and comment.

Permitting: To be completed after review and approval of the design.

Bidding Services: To be completed after final reviews and permit approvals.

Construction Administration: To be conducted after award of the construction contract.

Construction Completion: To be completed after completion of the project.

As-Built Drawings: To be completed after completion of the project.

2. Deliverables.

The survey used for the water system upgrade project has been upgraded by limited field reconnaissance to add driveways and infrastructure to lots that have been developed subsequent to the existing survey. (Completed 8/15/2018) Monthly progress reports will be issued for information and review. The 30%, 60% and 90% submittals will include 3 sets of full size design drawings, 3 sets of 11x17 drawings, pdf files on CD, design calculations, lift station design worksheets and updated cost estimates based on the design. The final submittal will include pdf files uploaded to the ECUA ShareFile system and permit documentation.

Coordination of the preparation of the Invitation to Bid and project manual will complete the design phase of the project.

Construction administration will include field inspection of the project progress and monthly progress reports. At completion, As-Built construction documents will be prepared utilizing the utility location information provided by the Contractor and ECUA staff as outlined in ECUA Engineering Manual Section 4000. Preparation of substantial and final completion certifications as well as project close-out documents consisting of final change order and final pay requests will complete the project.

3. Anticipated Time Frame/s.

Survey Update: 30 days from Notice to Proceed. (7/16/2018)

30% design Submittal: 75 days from Notice to Proceed. (9/29/2018)

30% design review: 14 days (10/12/2018) Review Comments received 10/29.

60% design submittal: (12/17/2018)

60% design review: 28 days (1/14/2019)

90% design submittal: 30 days from receipt of 60% design comments
(2/13/2019)

90% design Review: 21 days (3/06/2019)

Final design completion/issued for bid: 30 days from receipt of 90% design
comments (4/5/2019)

Bid Opening: 30 days from issued for bid (5/5/2019)

Award of contract/notice to proceed to Contractor: 30 days from bid opening
(6/30/2018)

Construction time length: Contract duration of 300 days for final completion
(270 days for substantial completion) from Notice to Proceed. (3/30/2020)

Edward E. Bowles, P.E.

Kenneth Horne & Associates, Inc.

Innerarity Island Waste Water System Upgrade Cost Estimate

90% 2/15/2019 KH-A

Item	Description	Quantity	Unit	Unit Price	Amount
1	Mobilization (Max 2% of Bid)	1	EA	\$62,000	\$62,000
2	Manianence of Traffic	1	EA	\$5,000	\$5,000
Main Island					
3	MH Removal & Street Patch	96	EA	\$1,500.00	\$144,000
4	Grout Existing Sanitary Sewer	20500	LF	\$10.00	\$205,000
5	1.5" PVC Force Main	1799	LF	\$11.00	\$19,789
6	2" PVC Force Main	9799	LF	\$13.00	\$127,387
7	3" PVC Force Main	5409	LF	\$15.00	\$81,135
8	4" PVC Force Main	3157	LF	\$18.00	\$56,826
9	6" PVC Force Main	3314	LF	\$20.00	\$66,280
10	2" Gate Valve	7	EA	\$350.00	\$2,450
11	3" Gate Valve	20	EA	\$650.00	\$13,000
12	4" Gate Valve	4	EA	\$660.00	\$2,640
13	Air/Vacuum Release Valves	8	EA	\$450.00	\$3,600
14	Cleanouts	45	EA	\$150.00	\$6,750
15	6" Gate Valve	4	EA	\$820.00	\$3,280
16	Street Cut & Patch for FM	3600	SY	\$55.00	\$198,000
17	Driveway Cut and Patch	2400	SY	\$75.00	\$180,000
18	Service Connections	321	EA	\$650.00	\$208,650
19	Grinder Station Purchase & Installation	150	EA	\$6,500.00	\$975,000
20	Landscape Repair	150	EA	\$500.00	\$75,000
North Shore Drive Area					
21	Service Conn N. Lakeshore Dr	46	EA	\$650.00	\$29,900
22	Grinder P&I - N. Lakeshore Dr	46	EA	\$6,500.00	\$299,000
23	Landscape Repair	26	EA	\$500.00	\$13,000
24	Abandon Septic Tk - N. Lakeshore Dr	46	EA	\$1,250.00	\$57,500
Russell Bayou Area					
25	Russell Bayou LS Replacement	1	LS	\$750,000.00	\$750,000
26	Instal 2" Water Service W/ Meter, Hose, Rack, etc.	1	EA	\$10,000.00	\$10,000
27	4' Dia Lift Station Manhole (16' deep)	1	EA	\$10,500.00	\$10,500
28	8" PVC Sewer Pipe	60	LF	\$155.00	\$9,300
29	Russell Bayou LS Force Main Replacement	1500	LF	\$50.00	\$75,000
30	Street Cut & Patch for FM	500	SY	\$55.00	\$27,500
31	Driveway Cut and Patch	400	SY	\$75.00	\$30,000
32	By-Pass Pumping (2 weeks)	2	WK	\$8,000.00	\$16,000
33	Existing Lift Station Demolition	1	LS	\$16,000.00	\$16,000
34	Inserts for Russell Bayou M/Hs	26	EA	\$175.00	\$4,550
35	Tennis Court Chain Link Fence (10')	310	LF	\$60.00	\$18,600
36	Paint Tennis Court Fence Posts and Rails	1	LS	\$3,500.00	\$3,500
37	Tennis Court Gates	2	EA	\$500.00	\$1,000
38	Tennis Court Parking (Graded Agregate)	100	SY	\$25.00	\$2,500
39	Tennis Court HC parking & Sidewalk(Conc)	100	SY	\$300.00	\$30,000
40	Table, Bench, Bike Rack & Trash Can	1	LS	\$4,000.00	\$4,000
41	Lift Station Landscaping	1	LS	\$4,000.00	\$4,000
42	Lift Station Area Sod	720	SY	\$7.50	\$5,400
43	Lift Station Area Irrigation	1	LS	\$2,500.00	\$2,500
44	Lift Station Fence (8') w/Slats	110	LF	\$100.00	\$11,000
45	Lift Station Access Drive (Asphalt)	75	SY	\$30.00	\$2,250
46	Lift Station Gate	1	EA	\$5,000.00	\$5,000
47	Lift Station Graded Aggregate	140	SY	\$40.00	\$5,600
48	Demobilization	1	EA	\$5,000.00	\$5,000
	Subtotal				\$3,884,387
	Contingency (10%)				\$388,439
	Construction Total				\$4,272,826