

RESOLUTION NO. 22-194

A RESOLUTION OF THE CITY OF PANAMA CITY BEACH, FLORIDA, APPROVING A TASK ORDER WITH MCKIM & CREED, INC. FOR THE ENGINEERING SERVICES FOR UTILITIES RELOCATION ON SR 30A (US 98) FROM MANDY LANE TO EAST OF NAUTILUS STREET, IN THE AMOUNT NOT TO EXCEED \$138,550.

BE IT RESOLVED that the appropriate officers of the City are authorized to accept and deliver on behalf of the City that certain Task Order 2022-01 to its Master Services Agreement with McKim & Creed for Professional Engineering Services for Major Waste Water and Reclaimed Water Facilities, relating to the engineering services for utilities relocation on SR 30A (US 98) from Mandy Lane to East of Nautilus Street, in the amount of One Hundred Twenty Thousand, Five Hundred Fifty Dollars (\$120,550.00), together with an allowance not to exceed \$18,000 for field data collection, in substantially the form **attached** and presented to the Council today, draft dated July 8, 2022, with such changes, insertions or omissions as may be approved by the City Manager and whose execution shall be conclusive evidence of such approval.

THIS RESOLUTION shall be effective immediately upon passage.

PASSED in regular session this 28th day of July, 2022.

CITY OF PANAMA CITY BEACH

By: 
Mark Sheldon, Mayor

ATTEST:


Lynne Fasone, City Clerk

July 8, 2022

Mark Shaeffer, PE
 Utilities Director
 City of Panama City Beach
 17007 Panama City Beach Parkway
 Panama City Beach, FL 32413

RE: FDOT PCB Pkwy Utilities Relocation: Mandy Lane to Nautilus

Dear Mr. Shaeffer,

Based upon the scope of work as discussed in our meetings on the referenced project, we offer the following proposal for providing professional engineering services. The project route along Panama City Parkway basically follows the same project limits as FDOT Project ID No. 217838-3-52-01. The utility relocation/design will include potable water, sanitary sewer, and reclaimed water systems along this FDOT project length. Below is a summary description of tasks and associated fee:

TASK NO. and DESCRIPTION	FEE
1. <u>Data Collection and Preliminary Design:</u> Obtain and review available data on existing conditions with FDOT plans in hand, inspect existing conditions, identify other utility conflicts, coordination with PCB Utility Department, FDOT and other utility owners and private utility owners. Main effort is along all side streets along the project area for the private utility's identification. This effort includes a "zero" percent first month opinion of probable cost.	\$38,100
2. <u>Final Design/Construction Documents:</u> Finalize design based on input from PCB Utilities Department, FDOT and other utility owners from preliminary design; prepare final construction plans, specifications, and contract documents; coordinate with PCB Utilities Department, FDOT and other utilities at sequence of construction, etc.;	\$79,240
3. <u>Bidding:</u> Assist with questions regarding bidding for PCB utility relocation plans and specifications, review PCB utility bids.	\$3,210
4. <u>SUE Investigation Allowance</u> To be determined during preliminary design phase and only utilized as needed.	\$18,000
TOTAL	\$138,550

1206 N. Palafox St.
 Pensacola, FL 32501
 Work: 850-994-9503

Attached is the detail of hours projected for Task Items 1. thru 3.. Task 4, if determined to be needed, will be performed by McKim & Creed or sub-consultants and billed accordingly. Construction plan sets will be produced for review at the 90% level and again at the 100%/Final Bid set. Interim plan sets will be available for PCB monthly meetings to discuss options for design. This proposal does not include right-of-way acquisition or permitting. As indicated above, limited bidding services are included as FDOT will handle the majority of tasks for this item. FDOT plans with ACAD/DWG electronic files will be made available and used as our base drawings for this project.

If acceptable, please sign and return one copy for our file. Thank you for the opportunity to provide this proposal and we look forward to working with the PCB Utility Department.

Sincerely,

Glenn P. Halstead, P.E.
Technical Director

Attachments

Approved: _____

Date: _____

Attachment A
Scope of Services, Task Order 2022-01
CITY OF PANAMA CITY BEACH

SR 30A (US 98) from Mandy Lane to East of Nautilus Street Utilities Relocation

This task order is for the purpose of McKim & Creed, Inc., as the ENGINEER, to provide engineering services task order for providing the engineering services required in conjunction with the relocation of segments of existing City of Panama City Beach utilities, including potable water, force main and reclaimed water mains of various pipe diameter sizes that will be impacted by the proposed FDOT S.R. 30A resurfacing and drainage improvements from Mandy Lane to east of Nautilus Street. As we understand and is provided by FDOT consultant in a utility conflict matrix, there has been approximately fifty-five (55) along SR 30A (US 98) and Six (6) along Pier Park Drive utility conflicts with proposed FDOT improvements. The relocation of the impacted utilities will be for the City of Panama City Beach (City) acting by and through its Council under the **MASTER SERVICES AGREEMENT BETWEEN CITY OF PANAMA CITY BEACH AND MCKIM & CREED, INC. (PROFESSIONAL ENGINEERING SERVICES FOR WASTEWATER TREATMENT FACILITIES, RECLAIMED WATER STORAGE AND PUMPING FACILITIES, RECEIVING WETLAND FACILITIES, REGIONAL WASTEWATER PUMPING STATIONS (>300,000 GPD ADF), WASTEWATER AND RECLAIMED WATER TRANSMISSION MAINS OVER 12" IN DIAMETER) dated _____, 2022.**

DESCRIPTION OF ENGINEER'S SERVICES

The services to be performed by McKim & Creed, Inc during the design of the SR 30A Utilities Improvements from Mandy Lane to East of Nautilus Street will consist of two (2) phases as described below.

Phase 1- Design Services

The scope of work for this phase of the project will include the basic services outlined below. The detailed design will culminate in the preparation of plans, specifications and bid documents that depict the character and scope of the project in sufficient detail to enable the City to receive competitive bids from construction contractors.

As we understand and is provided by FDOT consultant in a utility conflict matrix, there has been approximately fifty-five (55) along SR 30A (US 98) and Six (6) along Pier Park Drive utility conflicts with proposed FDOT and are as follow:

A. Conflicts along SR 30AA (US 98):

1. Conflict No. 57, relocation of approximately 60 feet of 12-inch water main that will be in conflict with FDOT proposed structure S-120 at STA 1464+60, 52' LT. Line stops with a bypass feature will be used in the design to allow for that segment of 12-inch water main to be relocated while the line is kept in operation.
2. Conflict No. 58, relocation of approximately 60 feet of 16-inch force main that will be in conflict with FDOT proposed structure S-119 at STA 1464+37, 53' RT. Line stops with a bypass feature will be used in the design to allow for that segment of 16-inch force main to be relocated while the line is kept in operation.
3. Conflict No. 60, relocation of approximately 60 feet of 16-inch force main that will be in conflict with FDOT proposed storm pipe at STA 1464+50, 71' RT. Line stops with a bypass feature will be used in the design to allow for that segment of 16-inch force main to be relocated while the line is kept in operation.
4. Conflict No. 65, relocation of approximately 60 feet of 16-inch force main that will be in conflict with FDOT proposed structure S-124 at STA 1471+65, 70' RT. Line stops with a bypass feature will be used in the design to allow for that segment of 16-inch force main to be relocated while the line is kept in operation.

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5. Conflict No. 67, relocation of approximately 60 feet of 16-inch force main that will be in conflict with FDOT proposed structure S-127 at STA 1472+80, 70' RT. Line stops with a bypass feature will be used in the design to allow for that segment of 16-inch force main to be relocated while the line is kept in operation.
6. Conflict No.70, relocation of approximately 60 feet of 16-inch force main that will be in conflict with FDOT proposed structure S-128 at STA 1473+90, 70' RT. Line stops with a bypass feature will be used in the design to allow for that segment of 16-inch force main to be relocated while the line is kept in operation.
7. Conflict No.71, relocation of approximately 60 feet of 16-inch force main that will be in conflict with FDOT proposed structure S-132 at STA 1475+47, 69' RT. Line stops with a bypass feature will be used in the design to allow for that segment of 16-inch force main to be relocated while the line is kept in operation.
8. Conflict No. 73, relocation of approximately 60 feet of 12-inch reclaim water that will be in conflict with FDOT proposed storm pipe at STA 1475+84, 121' LT. Cut in tees and isolation valves will be used in the design to allow for that segment of 12-inch reclaim water to be relocated.
9. Conflict No. 74, existing 16" water valve box adjustment that will be in the roadway proposed by FDOT at STA 1475+85, 104' LT.
10. Conflict No. 75, existing 8" force main valve box adjustment that will be in the roadway proposed by FDOT at STA 1475+89, 89' LT.
11. Conflict No. 76, existing water valve box adjustment that will be in the roadway proposed by FDOT at STA 1475+96, 99' LT.
12. Conflict No. 78, existing 8" reclaim water valve box adjustment that will be in the roadway proposed by FDOT at STA 1476+00, 66' RT.
13. Conflict No. 79, existing 8" reclaim water valve box adjustment that will be in the roadway proposed by FDOT at STA 1476+02, 94' RT.
14. Conflict No. 80, existing 1" reclaim water valve box adjustment that will be in the roadway proposed by FDOT at STA 1476+05, 86' LT.
15. Conflict No. 81, existing 1" reclaim water valve box adjustment that will be in the roadway proposed by FDOT at STA 1476+08, 94' LT.
16. Conflict No. 82, existing 12" water valve box adjustment that will be in the roadway proposed by FDOT at STA 1476+97, 95' LT.
17. Conflict No. 83, existing 12" water valve box adjustment that will be in the roadway proposed by FDOT at STA 1477+16, 74' RT.
18. Conflict No.87, relocation of approximately 60 feet of 16-inch force main that will be in conflict with FDOT proposed structure S-144 at STA 1480+74, 89' LT. Line stops with a bypass feature will be used in the design to allow for that segment of 16-inch force main to be relocated while the line is kept in operation.
19. Conflict No.93, relocation of approximately 60 feet of 16-inch force main that will be in conflict with FDOT proposed structure S-157 at STA 1490+87, 74' RT. Line stops with a bypass feature

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will be used in the design to allow for that segment of 16-inch force main to be relocated while the line is kept in operation.

20. Conflict No.94, relocation of approximately 60 feet of 16-inch force main that will be in conflict with FDOT proposed structure S-160 at STA 1491+46, 75' RT. Line stops with a bypass feature will be used in the design to allow for that segment of 16-inch force main to be relocated while the line is kept in operation.
21. Conflict No. 95, relocation of approximately 60 feet of 12-inch reclaim water that will be in conflict with FDOT proposed storm pipe at STA 1496+67, 62' RT. Cut in tees and isolation valves will be used in the design to allow for that segment of 12-inch reclaim water to be relocated.
22. Conflict No.104, relocation of approximately 60 feet of 16-inch force main that will be in conflict with FDOT proposed structure S-179 at STA 1504+00, 70' RT. Line stops with a bypass feature will be used in the design to allow for that segment of 16-inch force main to be relocated while the line is kept in operation.
23. Conflict No.105, relocation of approximately 60 feet of 16-inch force main that will be in conflict with FDOT proposed structure S-182 at STA 1504+98, 69' RT. Line stops with a bypass feature will be used in the design to allow for that segment of 16-inch force main to be relocated while the line is kept in operation.
24. Conflict No. 107, relocation of approximately 60 feet of 16-inch force main that will be in conflict with crossing FDOT ditch at STA 1510+59, 86' LT. Line stops with a bypass feature will be used in the design to allow for that segment of 16-inch force main to be relocated while the line is kept in operation.
25. Conflict No. 108, relocation of approximately 60 feet of 16-inch force main that will be in conflict with crossing FDOT ditch at STA 1514+80, 75' RT. Line stops with a bypass feature will be used in the design to allow for that segment of 16-inch force main to be relocated while the line is kept in operation.
26. Conflict No.109, relocation of approximately 60 feet of 16-inch water main that will be in conflict with FDOT proposed structure S-202 at STA 1514+80, 78' RT. Line stops with a bypass feature will be used in the design to allow for that segment of 16-inch water main to be relocated while the line is kept in operation.
27. Conflict No. 112, existing 4" force main valve box adjustment that will be in the roadway proposed by FDOT at STA 1515+01, 89' LT.
28. Conflict No. 113, relocation of approximately 60 feet of 16-inch HDPE reclaim water that will be in conflict with FDOT proposed storm pipe at STA 1515+30, 90' RT. Cut in tees and isolation valves will be used in the design to allow for that segment of 16-inch reclaim water to be relocated.
29. Conflict No.117, relocation of approximately 60 feet of 16-inch DIP water main that will be in conflict with FDOT proposed structure S-207 at STA 1517+00, 74' RT. Line stops with a bypass feature will be used in the design to allow for that segment of 16-inch water main to be relocated while the line is kept in operation.
30. Conflict No. 118, relocation of approximately 60 feet of 16-inch force main that will be in conflict with crossing FDOT proposed storm pipe at STA 1516+42, 74' RT. Line stops with a bypass feature will be used in the design to allow for that segment of 16-inch force main to be relocated while the line is kept in operation.

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31. Conflict No.119, relocation of approximately 60 feet of 16-inch force main that will be in conflict with FDOT proposed structure S-301 at STA 1523+98, 71' RT. Line stops with a bypass feature will be used in the design to allow for that segment of 16-inch force main to be relocated while the line is kept in operation.
32. Conflict No.122, relocation of approximately 60 feet of 16-inch water main that will be in conflict with FDOT proposed structure S-303 at STA 1525+48, 81' RT. Line stops with a bypass feature will be used in the design to allow for that segment of 16-inch water main to be relocated while the line is kept in operation.
33. Conflict No.136, relocation of approximately 60 feet of 16-inch force main that will be in conflict with FDOT proposed structure S-445 at STA 1542+98, 79' RT. Line stops with a bypass feature will be used in the design to allow for that segment of 16-inch force main to be relocated while the line is kept in operation.
34. Conflict No. 143 existing 6" water valve box adjustment that will be in the roadway proposed by FDOT at STA 1543+85, 75' RT.
35. Conflict No. 144, existing 6" water valve box adjustment that will be in the roadway proposed by FDOT at STA 1543+85, 79' RT.
36. Conflict No. 146, relocation of approximately 60 feet of 12-inch reclaim water that will be in conflict with FDOT proposed storm pipe at STA 1544+15, 80' RT. Cut in tees and isolation valves will be used in the design to allow for that segment of 12-inch reclaim water to be relocated.
37. Conflict No. 149, relocation of approximately 60 feet of 12-inch reclaim water that will be in conflict with FDOT proposed storm pipe at STA 1544+48, 80' RT. Cut in tees and isolation valves will be used in the design to allow for that segment of 12-inch reclaim water to be relocated.
38. Conflict No. 151, existing 16" water valve box adjustment that will be in the roadway proposed by FDOT at STA 1544+92, 76' RT.
39. Conflict No.158, relocation of approximately 60 feet of 16-inch water main that will be in conflict with FDOT proposed storm pipe at STA 1546+98, 80' RT. Line stops with a bypass feature will be used in the design to allow for that segment of 16-inch water main to be relocated while the line is kept in operation.
40. Conflict No.162, relocation of approximately 60 feet of 16-inch water main that will be in conflict with FDOT proposed structure S-458 at STA 1549+48, 82' RT. Line stops with a bypass feature will be used in the design to allow for that segment of 16-inch water main to be relocated while the line is kept in operation.
41. Conflict No.166, relocation of approximately 60 feet of 16-inch water main that will be in conflict with FDOT proposed structure S-461 at STA 1550+98, 82' RT. Line stops with a bypass feature will be used in the design to allow for that segment of 16-inch water main to be relocated while the line is kept in operation.
42. Conflict No.167, relocation of approximately 60 feet of 16-inch water main that will be in conflict with FDOT proposed storm pipe at STA 1555+00, 75' RT. Line stops with a bypass feature will be used in the design to allow for that segment of 16-inch water main to be relocated while the line is kept in operation.

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43. Conflict No. 175 existing 12" water valve box adjustment that will be in the sidewalk proposed by FDOT at STA 1561+37, 107' LT.
44. Conflict No. 176 existing 12" water valve box adjustment that will be in the sidewalk proposed by FDOT at STA 1561+38, 111' LT.
45. Conflict No. 177 existing 30" water valve box adjustment that will be in the sidewalk proposed by FDOT at STA 1561+50, 86' RT.
46. Conflict No. 180 existing 30" water valve box adjustment that will be in the curb proposed by FDOT at STA 1562+03, 116' LT.
47. Conflict No.182, relocation of approximately 60 feet of 12-inch water main that will be in conflict with FDOT proposed storm pipe at STA 1562+63, 80' LT. Line stops with a bypass feature will be used in the design to allow for that segment of 12-inch water main to be relocated while the line is kept in operation.
48. Conflict No.183, relocation of approximately 60 feet of 16-inch water main that will be in conflict with FDOT proposed structure S-350 at STA 1563+00, 79' RT. Line stops with a bypass feature will be used in the design to allow for that segment of 16-inch water main to be relocated while the line is kept in operation.
49. Conflict No. 190, relocation of approximately 60 feet of 12-inch reclaim water that will be in conflict with FDOT proposed storm pipe at STA 1567+51, 84' LT. Cut in tees and isolation valves will be used in the design to allow for that segment of 12-inch reclaim water to be relocated.
50. Conflict No.239, relocation of approximately 240 feet of 16-inch force main that will be in conflict with FDOT proposed ditch to get proper cover from STA 1512+90 to STA 1515+00, RT. Line stops with a bypass feature will be used in the design to allow for that segment of 16-inch force main to be relocated while the line is kept in operation.
51. Conflict No. 279, possible relocation of approximately 60 feet of 30-inch reclaim water that will be in conflict with FDOT proposed storm pipe at STA 1454+70.41, 87.3' LT. Cut in tees and isolation valves will be used in the design to allow for that segment of 30-inch reclaim water to be relocated. **Highly recommend to FDOT adjust proposed storm drainpipe to avoid conflict as original suggested in their January 2022 conflict matrix.**
52. Conflict No.281, possible relocation of approximately 60 feet of 16-inch force main that will be in conflict with FDOT proposed storm drainpipe at STA 1454+70.36, 87.8' LT. Line stops with a bypass feature will be used in the design to allow for that segment of 16-inch force main to be relocated while the line is kept in operation. **Highly recommend to FDOT adjust proposed storm drainpipe to avoid conflict as original suggested in their January 2022 conflict matrix.**
53. Conflict No.282, possible relocation of approximately 60 feet of 6-inch water main that will be in conflict with FDOT proposed storm pipe at STA 1454+70.25, 88.8' LT. Line stops with a bypass feature will be used in the design to allow for that segment of 12-inch water main to be relocated while the line is kept in operation. **Highly recommend to FDOT adjust proposed storm drainpipe to avoid conflict as original suggested in their January 2022 conflict matrix.**
54. Conflict No.283, possible relocation of approximately 60 feet of 18-inch and 24-inch water mains that will be in conflict with FDOT proposed storm pipe at STA 1550+95.92, 81.3' LT. Line stops with a bypass feature will be used in the design to allow for that segments of 18-inch and 24-inch

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water mains to be relocated while the line is kept in operation. Highly recommend to FDOT adjust proposed storm drainpipe to avoid conflict as original suggested in their January 2022 conflict matrix.

55. Conflict No.284, relocation of approximately 40 feet of 24-inch force main that will be in conflict with FDOT proposed storm drainpipe at STA 1543+35.15, 60' RT. Line stops with a bypass feature will be used in the design to allow for that segment of 24-inch force main to be relocated while the line is kept in operation.

B. Conflicts along Pier Park Drive:

56. Conflict No.258, relocation of approximately 60 feet of 6-inch water main that will be in conflict with FDOT proposed storm drainpipe at STA 32+95, 62' LT. Line stops with a bypass feature will be used in the design to allow for that segment of 6-inch water main to be relocated while the line is kept in operation.
57. Conflict No.259, water MH adjustment inside walk proposed by FDOT at STA 32+95, 62' LT.
58. Conflict No. 260, relocation of approximately 60 feet of 12-inch reclaim water that will be in conflict with FDOT proposed storm pipe at STA 33+53, 60' LT. Cut in tees and isolation valves will be used in the design to allow for that segment of 12-inch reclaim water to be relocated.
59. Conflict No. 261, relocation of approximately 60 feet of 12-inch reclaim water that will be in conflict with FDOT proposed storm pipe at STA 34+24, 60' LT. Cut in tees and isolation valves will be used in the design to allow for that segment of 12-inch reclaim water to be relocated.
60. Conflict No.262, relocation of approximately 60 feet of 12-inch reclaim water that will be in conflict with FDOT proposed structure S-135B at 34+71, 55' LT. Cut in tees and isolation valves will be required.
61. Conflict No.285, relocation of approximately 60 feet of 6-inch force main that will be in conflict with FDOT proposed storm drainpipe at STA 34+80, 57' LT. Line stops with a bypass feature will be used in the design to allow for that segment of 6-inch force main to be relocated while the line is kept in operation.

An allowance of \$18,000.00 for additional subsurface investigation (SUE) is also included if it is found additional location efforts are required and will not be performed without prior approval by the City.

Phase 2 – Bidding Services

The scope of work for this phase of the project will include the following basic services:

1. Assist with questions regarding bidding for PCB utility relocation plans and specifications, review PCB utility bids.

PROJECT SCHEDULE

We anticipate performing Phase 1 design services outlined above within One Hundred and fifty Three (150) days following the City authorization to proceed with the project.

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COMPENSATION

1. Phase 1, Design Services:	\$117,340.00
2. Phase 2, Bidding Services:	\$ 3,210.00
3. Subsurface (SUE) Investigation (allowance)	<u>\$ 18,000.00</u>
Total Lump Sum Fee:	\$138,550.00

IN WITNESS WHEREOF, the parties hereto have caused this Task Order to be executed by their undersigned officials as duly authorized.

MCKIM & CREED, INC.

CITY OF PANAMA CITY BEACH, FLORIDA

By: _____

By: _____

Name and Title: _____
Senior Associate

Name and Title: Drew R. Whitman
City Manager

Witnessed: _____

ATTEST: _____
Lynne Fasone, City Clerk

Date: _____

Date: _____