
Palm Beach Isles Bridges
Pre-Construction Meeting
October 15, 2020. 11:00 am

ATTENDEES:

	Name	Company
1	Terrence Bailey	City of Riviera Beach
2	Dana Gillette	Erdman Anthony
3	Phoebe Cuevas Molina	Erdman Anthony
4	Dane Dussie	Erdman Anthony
5	Simon Coleman	Alan Gerwig & Associates
6	Frank Subjinski	Brothers' Construction
7	Jason Graham	Brothers' Construction
8	David Smith	Brothers' Construction
9	Wendy Cyriacks	CECOS
10	Amber Houston	CECOS
11	John Gentile	Universal Engineering Sciences

DISCUSSION:

1. Contacts

1. Owner: City of Riviera Beach (The City)
 - i. Terrance Bailey, P.E., Office Phone (561) 845-4080
mobile (561) 889-4345 (text preferred)
2. Contractor: Brothers Construction (BCI)
 - i. Frank Subjinski, Vice President, Cell Phone (904) 222-1147
 - ii. Jason Graham, Superintendent, Cell Phone (912) 218-4441
3. Construction Mgmt./Engineer: Erdman Anthony (EA)
 - i. Dana Gillette, P.E., PSM, Office Phone (561) 753-9723 ext. 6015
 - ii. Phoebe Cuevas Molina, P.E., Office Phone (561) 753-9723 ext. 6036
 - iii. Dane Dussie, Office Phone (561) 753-9723 ext 6014
4. Structural Engineer: Alan Gerwig & Associates, Inc. (AGA)
 - i. Alan Gerwig, P.E., Office Phone (561) 792-9000
 - ii. Simon Coleman, Ph.D., P.E., Office Phone (561) 792-9000, ext. 215

2. Proposed Starting Dates

1. NTP – October 26, 2020 (tentative)
 - Terrence to submit contract to City Council
 - BCI may postpone NTP until 11/2 or 11/9 pending resolution of several key items discussed during the preconstruction conference
2. Begin Mobilization – week of October 26

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3. Anticipated Completion – February 2022
- USACE Permit expires March 18, 2022.

3. Work Area and Site

1. Small staging area between Island Drive Bridges, west end. See Staging Plan (Submittal #001)
 - a. Fenced area, office trailer, small equipment, materials
 - BCI has completed pre-construction video.
 - Terrence recommended that the granite benches be photographed and stored.
 - BCI to engage a landscape company to help identify all trees and significant landscaping in and around work areas that may be impacted, and items will be replaced in kind or better at completion of the Project.
2. Verify information for Project Sign – detail Sheet U-06
 - EA to send updated information and a proof from a recent sign to BCI.

4. Permits

1. City Building Permit
 - a. Signed and Sealed drawings from Engineers
 - b. Mobilize and stage project during City review and issue time period
 - Terrence investigated if his office had already submitted Plans to the Building Department for initial Permit proceedings. Determined that his office did not.
 - Terrence provided 4 sets of full size S & S plans and the City Permit Application to BCI. BCI to submit 2 sets of plans and the application to the City for Permit review. BCI will submit early next week
 - There is no issue with BCI mobilizing and starting Work prior to the City issuing the Permit.
 - Terrence will call for any City required inspections.
2. NOI Permit
 - Determined to be not required since impacted area is less than 1 Acre
3. No other Permits by Contractor required
4. FDOT
5. USACE
 - New USACE Permit received by Cyriacks Environmental Consulting Services (CECOS)/EA approximately 4-5 weeks ago.
 - EA to provide a copy of the new USACE Permit to BCI.
 - CECOS discussed the following key items of the Permit:

- Provide 10 days prior notice of commencement to USACE.
- Item #6 – Debris Containment Plan for Grand Bahama to be submitted 30 days prior to work
- Item #7 – Turbidity barriers shall be staked within 2 ft of proposed wetface of King piling.
- Erosion controls to be installed before work starts.
- Standard manatee conditions are included.
- Item #12 – Discusses sea turtle and sawfish conditions
- Item #13 – Work to be performed during daylight hours only
- Item #14 -Piling installation using jetting only. To be discussed further.
- Item #15 – addresses cultural resources
- Items 16-21 – Seagrass Mitigation.
 - Seagrass is present at both sites including Johnson seagrass, federally listed
- Permit expiration – March 18, 2022
- CECOS and EA to coordinate a side by side comparison of the USACE Permit vs the SFWMD Permit vs The Plan Notes to determine if the USACE Permit presents new or more stringent requirements. EA to establish a meeting early next week between BCI, CECOS, EA, and any other determined parties to discuss USACE language and comparison, and path forward.
- Investigation and understanding of the Permit may take some time and BCI will postpone NTP and mobilization a week or so to allow for the investigation and discussions, and the resulting requirements may impact the means and methods of the Work.
- BCI will monitor turbidity levels at the work areas and take readings – frequency and locations TBD. Readings will be submitted at scheduled intervals to EA. Efforts will be made to limit turbidity in the work area to no more than 29 NTU’s above background.

6. Review permits issued for Project:

- a. South Florida Water Management District (6/15/2018)
- b. US Army Corps of Engineers

5. Environmental

1. Seagrass

- a. Drawing G-07, note #10. Contractor to mark and designate seagrass areas prior to starting work
- CECOS to conduct an investigation and delineate the locations and limits of the seagrass beds prior to BCI starting any water work or turbidity barrier installation. CECOS is tentatively scheduled to be on site approximately October 28th.

2. Other

6. QC Testing and Pile Driving Test Pile Program

1. By Contractor (01000-1.12)
 - a. Concrete testing
 - b. Compaction testing
 - c. Asphalt testing
 - d. Pile Installation
 1. PDA testing
 - BCI is responsible for all scheduling and costs associated with the Engineering firm to perform the PDA testing.
 - AGA's effort and presence on site will be closely coordinated.
 2. Pile logs by BCI
 - AGA will have a pile driving inspector (Terracon) on site and will maintain the official pile logs for pile driving acceptance based on driving criteria determined from Test Piles and PDA.

7. Pre-Activity Meetings

1. Pile installation
2. Concrete placement
3. Utility installations
4. Asphalt

8. Construction Administration

1. All communication
2. Submittal and RFI process
3. Change Order
4. Pay App process

9. Submittals

1. To: Phoebe Cuevas Molina
CC:
2. Early submittals:
 - a. MOT Plan – Island Drive
 - Discussions related to contacting the FDOT prior to the installation of the temporary asphalt for the Island Drive Traffic Control Plan – east side approaching A1A. BCI to investigate.
 - b. Precast Concrete Piles and Sheet Panels

- Changing panel thickness from 9" (design) to 10" would likely require modifications to the concrete cap and reinforcement. BCI to investigate.
 - c. Rebar Shop Drawings
 - d. Pile Installation Equipment
 - e. Schedule
 - Acknowledged – no discussion
 - f. Sign
 - g. Preconstruction videos
 - BCI took videos morning of 10/15 and will transmit to EA
 - h. Permits
3. Discuss submittal log

10. Safety/Maintenance of Traffic

1. Traffic Control Plans for both Island Drive and Grand Bahama Lane
 - a. Drawn by ACME Barricades, not PE signed and sealed
2. BCI will have a Certified Work Zone Traffic Supervisor (David Smith)
3. Security of site and make-safe approach
4. Housekeeping approach

11. Erosion Control

1. Will be installed per plan sheets G-07 and G-08 and the Plan Notes

12. Community Involvement

1. Periodic open meetings
2. Flyers for important activities
3. "Mailbox" for comment cards on site

13. Typical Work Hours

1. Monday thru Thursday 7am – 6pm
2. Friday 7am – 3:30pm

14. Startup Activities

1. Week of 10/26 – 10/30
 - a. Initial mobilization (minor)
 - b. Setup VMB at Island Drive for traffic switch and project start
 - c. Staging – office trailer, temporary fencing

- d. Setup traffic control and temporary asphalt at Island Drive
 - e. Install erosion control features Island Drive
2. Week of 11/2 – 11/6
- a. Traffic switch to one lane – Island Drive
 - b. Continue mobilization (heavy, pile installation equipment)
 - c. Prepare for demolition and pile installation

15. Discussion Points

1. Survey – monuments, baselines, or stationing on site
 - a. EA provided additional information related to coordinates and stationing.
 - b. EA to provide coordinates for “BASELINE/CENTERLINE R/W” for Island Drive.
2. Drawing G-03, General Note #7 – Work within City Right of Way requires a permit
 - a. Covered by City Building Permit
3. Drawing G-03, General Note #23 – 10 days for RFI review
 - a. Hot items will be expedited
4. FPL schedule to relocate power lines at Island Drive and Grand Bahama – contact, notice, work duration
 - a. EA to provide the utility contacts to BCI – and BCI to setup a meeting in the near future to discuss utility transfers from aerial to planters.
5. Drawing G-03, GENERAL Note #21, UTILITIES Note #6 – Light Pole Relocation
 - a. Note is related to decorative lighting and similar features.
 - b. All utilities, poles, supports, and similar are the responsibility of The City or provider.
6. Drawing L-03 – do all lines on Island Drive WB get routed to EB Planter after construction?
 - a. Yes, and FPL requested and has been engaged in Project.
 - b. FPL will re-route aerial lines to PVC conduits in planters
7. Landscape Walls – Section K-K, sheet D-02
 - a. EA to investigate depth of stemwall (6’-6” max)
 - b. Keep as shallow as possible to avoid potential conflicts with adjacent seawall tie-backs and deadmen. No as-builts available for existing structures and conflicts are unknown.
8. Bid Item Allowance of \$35,000 for Landscaping Allowance – used when?
 - a. Used at City’s discretion for new items (not Contractor restoration).
9. Drawing B1-17 - Need for temporary asphalt on Grand Bahama Bridge (Phase 3)
 - Transition is needed due to dropoff from roadway to bridge until topping slab is poured.
 - May be able to incorporate road plates or similar.
10. Bulkhead 18” piles, sheet B2-19 – FDOT Index 22614 (14” CFRP and SS Strand Piles).
 - a. All piles in the project are the same – 18” square per FDOT index 20618
11. Parking for crew members – Ocean Reef Park (request)
 - a. County parking lot. No restrictions for general public parking.
12. Additional Material Storage – Ocean Reef Park, fenced area (request)
13. Specification section 01015-1.05.C. – Daily Reports. City format, or Contractor log?

- a. BCI will use a contractor generated format. Submitted periodically to EA.
14. Grand Bahama changes: change anticipated to remove planters, hang utilities, use a temporary bridge deck to reduce final footprint to within 30' r/w only
- a. BCI was made aware that Grand Bahama Bridges will likely require a complete redesign due to ROW issues and constraints.
 - b. Recently submitted preliminary CPM schedule illustrates work at Grand Bahama bridge starting after work at Island Drives bridges is complete, however it was discussed this sequence is one of several options still being developed and considered, and BCI will likely need to start Grand Bahama at the completion of pile driving/crane work at Island Drive South – approximately March 1st, 2021.
 - c. Mandatory completion date of March 18, 2022 stated in the new USACE Permit has the potential to influence and impact the work efforts and scheduling of the Project, and will be better determined once the Grand Bahama re-design effort is completed.
 - d. BCI to assist project Team in investigating solutions for redesign, construction, and scheduling of Grand Bahama bridges.
 - e. Submit entire plan set for Building Permit review even though Grand Bahama bridges will likely change.
15. Any contract/insurance/bond issues to resolve?
- a. BCI received executed contract from City on 10/15.
 - b. BCI will procure bonds and insurances and will forward to EA/The City in a week or so.
16. Additional discussions related to (1) pile installation (performed pile holes per plan notes) and (2) configuration of end bent corner piles (see pile 27, Island Drive SW Bridge – typical). BCI will formulate RFI's for both items

16. Project Coordination

- 1. Progress Meetings
 - a. Bi-weekly or as needed
 - i. Meetings will be held every 2 weeks. First meeting TBD.
- 2. Utility coordination
 - a. EA to provide utility contacts

17. Open Discussions

Per 01039-1.04

- 1. Execution of Owner-Contractor Agreement
- 2. Submission of executed bonds and insurance certificates
- 3. Distribution of Contract Documents – Notice to Proceed
- 4. Submission of list of Subcontractors, list of Products, schedule of values, and progress schedule
- 5. Designation of personnel representing the parties in Contract, Utilities, and the Engineer

6. Procedures and processing of field decisions, submittals, substitutions, applications for payments, proposal request, Change Orders, and Contract closeout procedures.
7. Scheduling, sequence of work
8. Use of premises by Owner and Contractor
9. Owner's requirements and partial occupancy
10. Construction facilities and controls provided by Owner.
11. Temporary utilities provided by Owner.
12. Security and housekeeping procedures
13. Application for payment procedures
14. Procedures for testing
15. Requirements for start-up of equipment
16. Inspection and acceptance of equipment put into service during construction period.