



DUCK KEY PUBLIC MEETING AGENDA

BIMINI DRIVE BRIDGE #904603 REPLACEMENT PROJECT

Date: January 21, 2020

Time: 10:00 am

1. Introductions/Contact Information- Monroe County

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|------------------------|---------------------------------|--|
| David Rice | Commissioner District 4 | Ph: <u>305-289-6000</u> Email: Rice-David@monroecounty-fl.gov |
| Judith S. Clarke, P.E. | Dir. Of Engineering Services | Ph: <u>305-295-4329</u> Email: Clarke-Judith@monroecounty-fl.gov |
| Clark Briggs | Project Administrator | Ph: <u>305-295-4306</u> Email: Briggs-Clark@monroecounty-fl.gov |
| Kristen Livengood | Public Information Officer | Ph: <u>305-680-8226</u> Email: Livengood-Kristen@monroecounty-fl.gov |
| Olympia Newton | Sr. Engineering Tech | Ph: <u>305-453-8808</u> Email: Newton-Olympia@monroecounty-fl.gov |

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| Design Consultants: | Kisinger Campo & Associates |
| Jason LaBarbera, P.E. | Project Manager Ph: <u>813-871-5331</u> Email: Jason.LaBarbera@kisingercampo.com |
| Austin Black, P.E. | Structures EOR |
| Deborah Hernández, P.E. | Roadway EOR |

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| CEI: | WSP |
| Pom Chakkaphak, P.E. | Senior Project Engineer Ph: <u>305-481-0583</u> Email: pbpomc@gmail.com |
| Keith Duke | Project Administrator Ph: <u>850-567-0668</u> Email: Keith.Duke@wsp.com |
| Bill Siedlecki | Senior Inspector Ph: <u>386-566-3107</u> Email: bsiedlecki@hotmail.com |

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| Contractor: | American Empire Builders, Inc |
| Tony Gonzalez | President Ph: <u>305-345-5484</u> Email: tgonzalez@americanempirebuilders.com |

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| FKA: | |
| David Hackworth | Principal Engineer Ph: <u>305-295-2152</u> Email: dhackworth@fka.com |



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2. Description of Project

Project Timeline:

- 2016 - Preliminary Design, Permitting and State Historic Preservation Office Coordination
- January 2019 - Final Design with unique consideration for:
 - Bridge Aesthetics
 - Existing Geometry
 - Confined right of way limits
 - Maintaining utilities
- June of 2020 -FDOT Completed a Routine Bridge Inspection
- October 2020 - Triggered an updated load rating and reduced posting signs
- October 2020 - Monroe County then accelerated the design schedule to get the bridge replacement advertised for bid
- November 2020 - Evaluating a modification to the project to restore higher load capacity to the bridge in the interim construction phase
- December 2020 - American Empire Builders was the selected contractor and Monroe County, WSP and KCA have been working with the contractor to determine methods to accelerate the schedule

Construction Process:

The scope of work consists of replacing the Bimini Drive Bridge No. 904603. This includes phased construction of a single span custom concrete arched beam bridge supported by end bents with wrap around retaining walls and other construction as shown on the Drawings and included in the Technical Specifications.

- **Bridge Strengthening**
- **Two phases of construction**
- **Vibration Monitoring**
- **Settlement Monitoring**

3. Discussion of Contractors Schedule of Activities

Important Dates:

Contractors Notice to Proceed: January 6th 2021

Contract Calendar Days: 540 Days

Scheduled End Date: June 30th, 2022

Important Milestones

Staging Areas

4. Discussion of Utility Work and Potential Service Interruptions.



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5. MOT Configuration and Expectations

- Three main phases of construction
 - Phase 1: Consist on strengthening the north side of the bridge. Traffic is shifted to the south side of the bridge with a one lane two-way configuration while traffic is maintained with temporary signals.
 - Phase 2: Consist of constructing the south side of proposed bridge. Traffic is shifted to the north side of the bridge with a one lane two-way configuration while traffic is maintained with temporary signals. This phase includes a detour for traffic traveling northbound on Schooner Lane, wanting to travel east along Bimini Dr. This detour will only take place when construction activities are taking place on the northbound lane of Schooner Ln. and it needs to be closed to traffic. Traffic turns left on Schooner Lane (street between Consair Rd and W Seaview Dr.), then right on Barque St., and right on Consair Rd.
 - Phase 3: Traffic is shifted to the newly constructed portion of the bridge with a one lane two-way configuration while traffic is maintained with temporary signals. This phase will construct the remainder portion of the bridge on the north side.
 - Phase 4: Traffic will be shifted to the final configuration with one lane each way. This phase consist of construction other miscellaneous roadway and drainage items.
- Flaggers will be used when needed to direct traffic, and when construction activities are happening at driveway locations.

6. CEI (WSP) Oversight of Project

- Monitor efforts to minimize landscape removal during construction.
- Vibration Monitoring
- Worksite cleaning and Maintenance
- Safeguards to avoid debris entering the canal
- Closure of waterway