

**DRAFT**  
**UTILITY ASSESSMENT PACKAGE**

Broad Causeway Bridge Replacement Project Development and Environment Study  
Town of Bay Harbor Islands  
Miami-Dade County  
Financial Management Numbers: 452428-1-21-01  
Federal Aid Project Numbers: N/A  
ETDM Number: 14520  
Town of Bay Harbor Islands Project Number: BC-160

In Cooperation with:

Florida Department of Transportation  
District 6  
1000 N.W. 111 Avenue  
Miami, FL 33172

And

US Coast Guard

The environmental review, consultation, and other actions required by applicable federal environmental laws for this project are being or have been carried out by Florida Department of Transportation (FDOT) pursuant to 23 U.S.C. §327 and a Memorandum of Understanding dated May 26, 2022, and executed by Federal Highway Administration (FHWA) and FDOT.

**May 2024**

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## Acronyms

Acronym	Definition
ADA	Americans with Disabilities Act
AFB	Air Force Base
BFOC	Buried Fiber Optic Cable
BT	Buried Telephone
CIP	Capital Improvements Program
CFR	Code of Federal Regulations
ETDM	Efficient Transportation Decision Making
FDEM	Florida Division of Emergency Management
FDOT	Florida Department of Transportation
FHWA	Federal Highway Administration
FP&L	Florida Power & Light
Ft.	Feet
GIS	Geographic Information System
ICWW	Intracoastal Waterway
In.	Inches
kV	Kilovolt
LOS	Level of Service
L RTP	Long Range Transportation Plan
MDCPWT	Miami Dade-County Public Works and Traffic
MHW	Mean High Water
MPH	Mile per hour
MLW	Mean Low Water
OWTPO	Okaloosa-Walton Transportation Planning Organization
PD&E	Project Development and Environment
PE	Preliminary Engineering
PER	Preliminary Engineering Report
PTAR	Project Traffic Analysis Report
ROW	Right-of-way
SMF	Stormwater Management Facilities
SR	State Road
TIP	Transportation Improvement Plan
TPO	Transportation Planning Organization
UAO	Utility Agency Owner
UAP	Utility Assessment Package
US	United States
USC	United States Code
USCG	United States Coast Guard

## 1.0 Introduction

### 1.1. Project Description

The project involves the potential replacement of the Broad Causeway Bridge connecting the Town of Bay Harbor Islands (Town) with the City of North Miami, within Miami-Dade County. The bridge is part of the Broad Causeway, a roadway classified as “Urban Minor Arterial”. This arterial also begins in Bal Harbour/Surfside and connects those commuters to the mainland. The limits of the project extend from the Broad Causeway Island (25°53'19.41"N, 80° 8'54.52"W) on the west side (25°53'11.30"N, 80° 8'18.93"W) to east of West Broadview Drive. The improvements include the bridge approaches and Broad Causeway Island circulation. The Florida Department of Transportation (FDOT) Bridge Identification (ID) Number (No.) is 875101. A graphic depicting the location of the bridge is provided as **Figure 1-1**. The project is approximately 0.77 miles in length.

The existing bascule bridge consists of four lanes, undivided (two in each direction), the four travel lanes are 10 ft. wide, without a raised median. The outside travel lanes also include shared-use markings to accommodate bicycles. In addition, pedestrians are accommodated with a raised maintenance area on each side of the bridge, with a width that varies from 22 to 36 inches (in.). There are no guardrails separating the raised maintenance area from the travel lane. Crossing over the Intracoastal Waterway (ICWW), the bridge channel has a horizontal clearance of 79.7 ft., a maximum vertical clearance of 18.0 ft. at Mean Low Water (MLW) and a minimum vertical clearance of 15.7 ft. at Mean High Water (MHW) at the Bascule crossing. The ICWW at the bridge crossings is deemed a navigable waterway by the United States Coast Guard (USCG). The bridge bascule is required by the USCG to open twice per hour on the quarter and three-quarter hour but only opens if vessels are waiting.

Figure 1-1 Project Location Map



## 1.2. Project Purpose and Need

### 1.2.1. Project Purpose

The purpose of this project is to address the structural and functional deficiencies of the existing Broad Causeway Bridge. The feasibility of continued rehabilitation and repair versus replacement of the bridge will be evaluated through the PD&E Study.

### 1.2.2. Project Need

#### 1.2.2.1. Bridge Deficiencies

Constructed in 1951, the 73-year-old bridge has been determined to be functionally obsolete with fracture critical components based on a Bridge Inspection Report prepared in January 2023 and determined to be structurally deficient based on a Bridge Inspection Report prepared in January 2024 by the FDOT. According to the Federal Highway Administration (FHWA), functionally obsolete means that the bridge was built to standards that are not used today. The Broad Causeway Bridge does not meet current design standards for lane widths, shoulder widths, or serve current or future traffic demand. The bridge received a Sufficiency Rating of 11.1 (on a scale of 0 percent (poor) to 100 percent (very good)). The Sufficiency Rating is essentially an overall rating of a bridge's fitness to remain in service. A low Sufficiency Rating may qualify a bridge for State or Federal replacement funds.

As part of the inspection process, several components were evaluated and assigned a rank or condition based on the National Bridge Inventory system. The system was established to evaluate existing bridge deficiencies to ensure safety for the traveling public. The ranks/conditions were based on a scale of zero through nine. A rank of zero generally means that the bridge is out of service, beyond corrective action, and in need of replacement; a rank of nine means the bridge is in excellent condition and no deficiencies have been identified. The ranking/conditions for the components examined in the reports are as follows:

#### **Bridge ID Number 875101** (FDOT Inspection Date – January 19, 2024)

- Bridge Railings: 0 (Does not meet currently acceptable standards)
- Transitions: 1 (Meets currently acceptable standards)
- Approach Guardrails: 1 (Meets currently acceptable standards)
- Bridge Guardrails Ends: 0 (Does not meet currently acceptable standards)
- Deck: 4 (Poor)
- Superstructure: 5 (Fair)
- Substructure: 3 (Serious)
- Performance Rating: Poor
- Channel: 7 (Minor Damage)
- Deck Geometry Appraisal: 2 (Intolerable; Replace)
- Approach Alignment Appraisal: 4 (Minimum Tolerable)
- Scour Critical: 5 (Stable within footing)

In 2017, major structural repairs were performed to the bridge at a construction cost of approximately \$17 million. As a result of a 2020 inspection carried out by FDOT, a design to address additional repairs identified by the 2020 inspection was completed. Estimated costs to perform these repairs amount to \$3.0 million. As a result of the 2024 inspection, emergency repairs will be completed. One lane of the bridge is closed until repairs are complete. As the structure continues to age, frequent, costly repairs will be needed to prevent closure or severe damage.

#### **1.2.2.2. Transportation Demand**

The Broad Causeway and Kane Concourse corridor have high traffic volumes since they connect the beach communities and Bay Harbor Islands to the mainland. The a.m. and p.m. peak hours are times of high congestion and future traffic volumes are anticipated to continue to slightly increase based on the suggested annual growth rate of 1.0% detailed in the Project Traffic Analysis Report (PTAR) (February 2024). Since the ICWW at the bridge crossing is deemed a navigable waterway by the USCG, the bridge bascule is required by the USCG to open twice per hour on the quarter and three-quarter hour but only opens if vessels are waiting. Having the bridge open potentially twice per hour further compounds traffic congestion. Having free flow of vehicular traffic or infrequent bridge openings will help relieve congestion and facilitate emergency evacuation.

#### **1.2.2.3. Safety**

Broad Causeway Bridge is a high vehicle crash location with many bicycle crashes. Based on information from Signal4 Analytics database, between 2018 and 2023 there were 47 total vehicle crashes occurring within the project limits of which 26 were on the undivided bridge and approach sections. The highest concentration of crashes was near West Broadview Drive. The study area exhibited a majority of the crashes to be sideswipe crashes (28%) and rear end crashes (26%). The high occurrence of rear-end and sideswipe crashes can be indicative of congestion along the corridor. Of the 47 vehicle crashes, none resulted in a fatality, but two resulted in serious injury and 18 resulted in injuries. While vehicle to vehicle crash rate of 1.90 for the undivided bridge section is below the statewide average (7.30) for this type of urban facility, vehicle to bicycle crashes are exponentially higher as explained below. The outside travel lanes on Broad Causeway Bridge include sharro's markings to accommodate bicycles, but there are conflicting signs on each side of the bridge where one directs bicyclists to get off the bicycle and walk and the other sign says to use the travel lane (make use of full lane). According to the Florida Greenbook, the minimum width of a shared traffic/bicycle lane is 14 ft. The existing lane width on Broad Causeway Bridge is only 10 ft. Therefore, the bicycles are sharing 30 mile per hour (mph) travel lanes with vehicles on lane widths that do not meet current standards. As a result, there have been nine vehicle crashes involving bicycles. All nine crashes resulted in injury and occurred on the undivided bridge and approach sections. Vehicle to bicycle interactions account for 19% of the total crashes occurring within the project limits. This is 17.8% higher than the 1.2% average representing crashes involving a bicycle in 2022 for Miami-Dade County urban, non-interstate facilities (Source: Signal4, 2022).

In addition, pedestrian use a raised maintenance area with a width that varies from 22 to 36 in. on each side of the bridge. There are no guardrails separating the raised maintenance area from the travel lane. The west side of the bridge has a 6 in. curb to enter the maintenance area that does not provide Americans with Disabilities Act (ADA) access. This creates an unsafe condition for pedestrians particularly if two pedestrians are walking across the bridge in opposite directions and need to pass each other. There are currently no sidewalks on the causeway island west of the bridge.

Serving as part of the emergency evacuation route network designated by the Florida Division of Emergency Management (FDEM) and Miami-Dade County, Broad Causeway Bridge plays a critical role in facilitating traffic between the beaches and the mainland of Miami during emergency evacuation periods. The project is needed to maintain emergency evacuation capabilities to approximately 40,000 residents from the municipalities of Bay Harbor Islands, Bal Harbour, Surfside, Miami Beach and Sunny Isles Beach. When winds are higher than 35 mph, the USCG requires the bridge to be closed (down position) to avoid damages to the wings. When there is an emergency evacuation situation, the USCG starts closing (down position) the movable bridges from the south and moving north. Typically, the Broad Causeway Bridge remains closed until the USCG contacts the Town of Bay Harbor Islands to open it for certain hours.

The existing structure and some of the mechanical components are over 70 years old and are failing. The Town of Bay Harbor Islands has completed numerous repairs in the recent years to keep the bridge operational. As time passes repairs are needed more frequently and at a higher cost. In addition, the Broad Causeway Bridge has only one undersized emergency generator. When the generator is needed to run the bascule portion of the bridge, the two wings cannot open at the same time, hence delaying the opening-closing cycle. If the bridge is stuck open because of mechanical failure or is damaged due to a hurricane, a direct emergency evacuation route for these communities will be eliminated. The detour route for those on the east end of the bridge heading north would be 9.40 miles and heading south would be 11.12 miles. The detour route for those on the west end of the bridge heading north to the east end of the bridge would be 9.26 miles and heading south would be 11.29 miles.

### **1.2.3. Project Status**

The project is a priority for the Town of Bay Harbor Islands and is included in their current Capital Improvements Program (CIP) with the following allocations to date for the PD&E phase:

- Fiscal Year (FY) 2021-2022 - \$500,000
- FY 2022-2023 - \$2,300,000
- FY 2023-2024 - \$2,800,000

The project was approved by the Miami-Dade Transportation Planning Organization (TPO) on November 3, 2022, to be added to the 2045 Long Range Transportation Plan (LRTP) and FY 2023 Transportation Improvement Program (TIP) Amendments. Future project phases are currently not funded. The Town has had ongoing coordination with the TPO to keep them apprised of funding. The TIP FY 2025 – 2026 update will include Design phase funds for FY 2025 – FY 2027. Currently the Town is providing the Design funds from toll revenues, but is actively seeking Federal, state, and local funds and applying for all applicable

grants to offset Design phase funding and fund the Construction phase.

## 1.3. Alternatives Description

### 1.3.1. No Build (Repair) Alternative

The No Build (Repair) Alternative consists of keeping the existing movable bridge in place and not constructing a new bridge. The bridge has been determined to be functionally obsolete with fracture critical components based on a Bridge Inspection Report prepared in January 2023 and determined to be structurally deficient based on a Bridge Inspection Report prepared in January 2024 by the FDOT. The Town would continue normal maintenance and make minor repairs of the existing bridge in its current configuration while keeping the bridge operating in a safe condition and maintaining the existing typical sections. Repairs would include repairing the concrete (sealing cracks, patching spalls, etc.) in the piles, pile caps, deck, beams, and traffic railing; repairing the fender system; and repairing the drawbridge operational machinery in order to extend the service life 15 to 25 years.

The No Build (Repair) Alternative requires closure of the bridge for an undetermined amount of time based on repairs needed. At the end of the service life period, an extensive rehabilitation, decommissioning, or replacement of the bridge would be required. An 11.12-mile detour to the south and a 9.4-mile detour to the north would have to be utilized if the bridge is decommissioned or closed for extensive repairs. The No Build (Repair) Alternative does not require stormwater management facilities (SMFs) since it does not alter the existing roadway or add additional capacity; therefore, no treatment of the runoff would occur. The existing bridge would remain in its current configuration and no additional travel lanes are proposed.

Although No Build (Repair) Alternative does not meet the purpose and need for this project, it will remain under consideration and serve as a baseline for comparison against the other alternatives throughout the PD&E Study as required by National Environmental Policy Act (NEPA).

**Figure 1-2** represents four, 12 ft. travel lanes and 6 ft. shoulders/bike lanes in both directions and no sidewalks. There is a grassed median that varies in width and inside curbs of 2 ft. This typical section is the existing roadway on the man-made causeway island from Stationing 105+21.37 to Stationing 123+85.28. Refer to the Preliminary Engineering Report (PER) for more information.

**Figure 1-2 Existing Roadway Typical Section – Causeway Island**

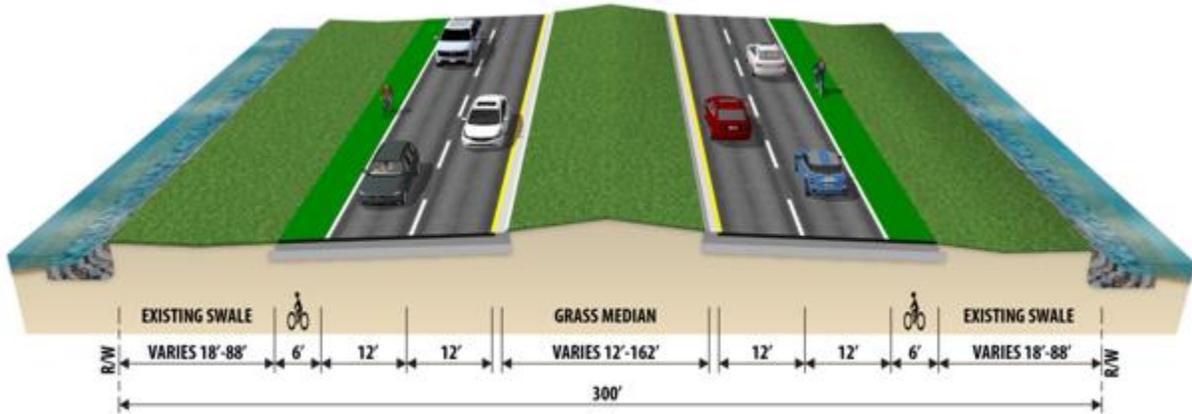


Figure 1-3 represents the second bridge typical section, which is the existing bridge containing four 10-ft. travel lanes, with no shoulders, and a raised maintenance section that is 22 to 36 inches wide with outside bridge railings. Refer to the PER for more information.

**Figure 1-3 Existing Bridge Typical Section**

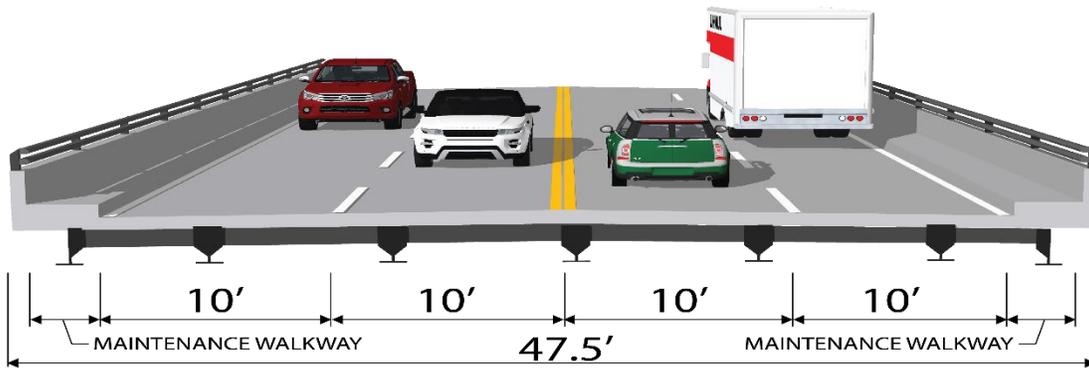
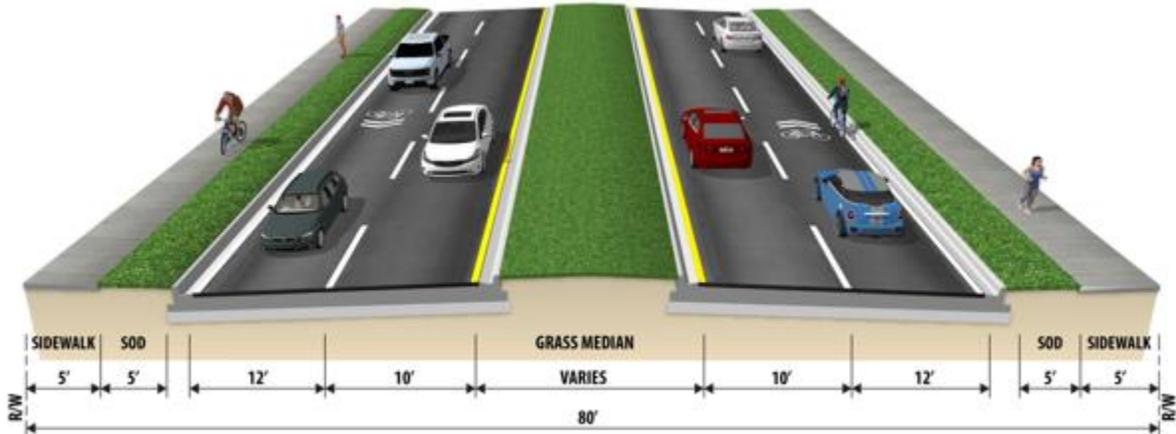


Figure 1-4 represents the existing approach roadway on the eastern end of the bridge on SR 922/Kane Concourse from Stationing 141+41.25 to Stationing 146+25.69 which consists of four travel lanes with widths of 10 ft. (inside) and 12 ft. (outside). The typical also includes a landscaped median varying in width and two 2 ft. curbs on both its sides. On the outside are 2 ft. curbs with 5 ft. sidewalks and 5 ft. of existing sod on each side. Refer to the PER for more information.

**Figure 1-4 Existing Roadway Typical Section – SR 922/Kane Concourse**



### 1.3.2. Build Alternatives

#### 1.3.2.1. Build Alternative 1 (High-Level Fixed Bridge)

The High-Level Fixed Bridge Alternative would replace the existing movable bridge with a fixed structure featuring a vertical navigational clearance of 65 ft. to allow the waterway users safe passage under the bridge. The new fixed bridge structure includes widened lane widths and shoulders, and a shared use path for pedestrians and bicyclists that meet current standards. Alternative 1 has a steeper roadway and shared use path slopes than the existing conditions, and more visual impacts to businesses and residents.

#### 1.3.2.2. Build Alternative 2 (Mid-Level Movable Bridge)

The Mid-Level Movable Bridge Alternative would replace the existing bridge with a mid-level movable bridge with a vertical navigational clearance of 40 ft. Using the 2022 bridge tender logs, which did not record vessel heights but did provide boat type, the PD&E team was able to quantify the types of boats that are generally taller than 40 ft. and create an assumption of vessel height. While higher than the minimum USCG clearance, by using this method of estimation, the 40 ft. mid-level movable alternative bridge would allow approximately 70 to 80 percent of the waterway users that currently require the existing bridge to open, passage without the need to open the bridge. The new movable bridge includes widened lane widths and shoulders, and a shared use path for pedestrians and bicyclists that meet current standards. Alternative 2 has a higher impact on essential fish habitat, seagrasses, and sovereign submerged lands due to the wider bridge footprint. The movable bridge footprint is wider because there are larger bascule piers that enclose the mechanical elements. Also, the bridge requires maintenance walkways to service the movable bridge components.

## 2.0 Existing Utilities

### 2.1. Utility Assessment Process

The beginning of the utility impact assessment and coordination process is to contact Sunshine State One Call of Florida by an internet ticket entry (see **Appendix A**). Based on the information received from the ticket, a utility contact list was created of participating members in the project area. Each utility agency owner (UAO) on the list was then contacted and asked to verify ownership or operation of any facilities, existing or proposed, within the Broad Causeway Bridge Replacement project area. These UAOs (see **Table 2-1**) were then provided with aerial photography based on preliminary conceptual design plans. The UAOs were asked to return one set of plans with their facilities marked, or to provide a CADD file with their facilities shown (if available) and include any other pertinent information. The information was collected and is included in **Appendices C-N** of this report.

## 2.2. Known Utility Agency Owners in Project Area

**Table 2-1 Known Utility Agency Owners and Contacts**

Service Area	Utility Type(s)	Contact(s)
Atlantic Broadband/ Breezeline AMTV01	Cable	Javares Hall (305) 213-9908 jhall@breezeline.com
Town of Bay Harbor Islands Water & Sewer Dept BHI815	Sewer, Water	Jason Atkinson jatkinson@bayharborislands-fl.gov Rodney Carrero rcarrosantana@bayharborislands- fl.gov
Comcast Cable CC1279	CATV, Fiber	Thornton Szynkarski (954) 562-5309- thornton_szynkarski@comcast.com
City of North Miami CNM529	Force Main, Sewer, Water	Yadly St Fort ysaintfort@northmiamifl.gov Chuks Okereke cokereke@northmiamifl.gov
Dade County Public Works and Traffic DCPWT	Street lights, Traffic Signals	Gaby Calvo GCalvo@htlocating.com
Florida Power & Light -- Dade FPLDAD	Electric	Gabriel Rodriguez (305) 281-9847 Gabriel.rodriguez2@fpl.com
Florida Power & Light – Subaqueous FPLSUB	Electric	Gabriel Rodriguez (305) 281-9847 Gabriel.rodriguez2@fpl.com
Florida Power & Light – Transmission FPLSUT	Electric	Gretchen Dillman (813) 469-0924 Gretchen.Dillman@fpl.com
Hotwire Communications HC1660	CATV, Fiber, Telephone	Walter Sancho Davila (954) 699-0900 walter.sancho- davila@hotwirecommunication.com
Miami-Dade Water Sewer MDWS	Water & Sewer	Manuel Diaz (786) 552-4424 Manuel.diaz2@miamidade.gov
Crown Castle NG NN1882	Fiber	Danny Haskett (786) 610-7073 Danny.Haskett@crowncastle.com
TECO Peoples Gas South Florida PGSND	Gas	David Rivera (954) 453-0794 DRRivera@tecoenergy.com
AT&T/Distribution	Telephone	Steve Low (305) 341-0968 sl4505@att.com

## 2.3. Disposition of Utilities in Project Area

The existing utilities identified on the project were evaluated and potential utility impacts were identified. The utility location information received from the UAOs were combined and are shown in **Appendix B**. The following subsections identifies the potentially impacted utilities for each UAO. Additional measures will be taken during the design phase to mitigate impacts and to minimize costs to the UAO and disruption to customers.

### 2.3.1. Atlantic Broadband/Breezeline

Atlantic Broadband/Breezeline has an overhead coax cable approximately 30 ft. west of the centerline of West Broadview Drive along the north and south of its intersection with 96th Street (Kane Concourse). Another overhead coax cable is approximately 160 ft. north of the centerline of 96th Street (Kane Concourse). The size of the Atlantic Broadband/Breezeline coax cable is currently unknown. **Appendix C** includes all information provided by Atlantic Broadband/Breezeline, including e-mail coordination and utility mark-ups.

### 2.3.2. Town of Bay Harbor Islands Water & Sewer Dept.

The Town of Bay Harbor Islands Water and Sewer Department currently has an active electrical line encased in a 4 in. PVC line, approximately 25 ft. north of the centerline of Broad Causeway. The extent of the electrical line is on the eastern portion of the Broad Causeway Bridge. The size and type of the Town of Bay Harbor Islands Water and Sewer Department's electrical line is currently unknown. **Appendix D** includes the information provided by the Town of Bay Harbor Islands Water and Sewer Department, including e-mail coordination and utility mark-ups.

### 2.3.3. Comcast Cable

Comcast Cable currently has a CATV and Fiber Optic Cable, also classified as overhead facility, approximately 30 ft. west of the centerline of W Broadview Dr. along the north and south of its intersection with 96th Street (Kane Concourse), and east of the Broad Causeway Bridge. The type and the size of the overhead facility is currently unknown. **Appendix E** includes information provided by Comcast Cable, including e-mail coordination and utility mark-ups.

### 2.3.4. City of North Miami

The City of North Miami does not have any utilities in the area of the Broad Causeway Bridge plans. The City of North Miami's utilities end at the Whitehouse Inn, west of the Broad Causeway Bridge. **Appendix F** includes information provided by the City of North Miami, including e-mail coordination and a letter confirming no utilities, belonging to the City of North Miami, are located within the project's corridor.

### 2.3.5. Miami Dade-County Public Works and Traffic

Miami Dade-County Public Works and Traffic (MDCPWT) does not have utility facilities within the Broad

Causeway Bridge corridor, however, identified utilities currently owned by the Town of Bay Harbor Islands. **Appendix G** includes information provided by the MDCPWT, including e-mails for coordination with MDCPWT's District Utility Administrator.

### **2.3.6. Florida Power &Light -Dade/Subaqueous**

Florida Power and Light (FP&L) Dade/Subaqueous has multiple 13 kilovolt (kV) buried electrical cables. One 13kV buried cable is approximately 40 ft. north of the centerline of western relief bridge on the west end of the causeway island, 50 ft. south of centerline of the causeway island on the west end, and 20 ft. north of centerline of Broad Causeway Bridge. Another 13kV overhead cable is approximately 25 ft. west of the centerline of West Broadview Drive along the north and south of its intersection with 96th Street (Kane Concourse). **Appendix H** includes all the information provided by FP&L-Dade/Subaqueous, including e-mail coordination and utility mark-ups.

### **2.3.7. Florida Power &Light-Transmission**

Florida Power and Light (FP&L) Transmission does not have utility facilities within the project area. **Appendix I** includes all information provided by FP&L-Transmission, including e-mail coordination determining no FP&L-Transmission utilities are within the project area.

### **2.3.8. Hotwire Communications**

Hotwire Communications have no utility facilities in the Broad Causeway Bridge corridor. **Appendix J** includes information provided by Hotwire Communications, including e-mail correspondence confirming no facilities in the project area.

### **2.3.9. Miami-Dade Water & Sewer**

Miami-Dade Water & Sewer currently has a 30 in. water main runs along the north side of the causeway island and approximately 150 ft. north of the existing Broad Causeway Bridge. The 30 in. water main enters a 20 ft. easement at the Tot Lot and is 50 ft. north of the existing Broad Causeway Bridge centerline. Miami-Dade Water & Sewer also has an 8 in. water main approximately 10 ft. west of centerline of 96th Street (Kane Concourse) along the north and south of its intersection with West Broadview Drive. **Appendix K** includes the information provided by Miami-Dade Water & Sewer, including correspondence, and as-builts.

### **2.3.10. Crown Castle Fiber LLC**

Crown Castle Fiber LLC has no utilities within the Broad Causeway Bridge corridor. **Appendix L** includes information provided by Crown Castle Fiber LLC, including e-mail coordination confirming no facilities within the project area.

### 2.3.11. TECO Peoples Gas South Florida

TECO Peoples Gas South Florida currently has two (2) gas lines within the Broad Causeway Bridge corridor. The first is a 2 in. steel gas main approximately 15 ft. west of the centerline of 96th Street (Kane Concourse) along the north and south of its intersection with West Broadview Drive, and a 2 in. polyethylene (PE) gas main approximately 35 ft. south of the centerline of West Broadview Drive. **Appendix M** includes the information provided by TECO Peoples Gas South Florida, including e-mail coordination, and TECO utility mark-ups.

### 2.3.12. AT&T/Distribution

AT&T/Distribution currently has multiple telephone lines within the Broad Causeway corridor. There is a 4 in. Polyvinyl chloride (PVC) COND115 cable approximately 55 ft. south of the centerline of the Broad Causeway Bridge west and 40 feet north of centerline of Broad Causeway west. AT&T/Distribution also has an existing Copper Cable AFTW-50 approximately 35 ft. south of the centerline of Broad Causeway Bridge west and 40 ft. north of the centerline of Broad Causeway west. These cables connect to an AT&T manhole / pull box approximately 50 ft. south of the centerline of Broad Causeway west. **Appendix N** includes the information provided by AT&T/Distribution, including e-mail coordination, and utility mark-ups.

### 3.0 Utility Avoidance and Mitigation Considerations

During development of the Build Alternatives, three horizontal alignment options were considered for the location of the proposed bridge within the existing right of way.

- Existing/Center Alignment
- North Alignment
- South Alignment

The southern alignment was selected for further evaluation with both bridge alternatives based on the following points:

- Does not impact Section 4(f) Resource (Tot Lot).
- Allows for construction of proposed bridge and demolition of existing bridge to occur while minimizing traffic disruptions.
- No significant known utility impacts.
- Falls within, or utilizes the area to the maximum extent possible, the existing 300 ft. Town controlled tidewaters and lands as stated in 1953 Senate Bill No. 865.
- Utilizes existing Town-owned lot for eastern bridge tie down.
- Avoids phased construction.
- Avoids relocation of existing 30 in. water main owned by Miami Date Water and Sewer as it is approximately 93 ft. north of the existing bridge.

For more details regarding the development and evaluation of the build alternatives, refer to the PER developed under separate cover.

### 4.0 Utility Right of Way and Easements Considerations

At this time, there are no known utility-owned rights of way or easements impacted by the build alternatives under consideration.

### 5.0 Utility Relocation Cost Estimate and Right of Way Needs

Depending on the location and depth of the utilities, construction of the proposed project will likely require adjustments or relocation of utility facilities. Cost for utility adjustment is not included in the total estimated project costs since they will be incurred by the UAOs in many cases. Determination of any utility relocation reimbursement costs will be made during the future design phase.

Utility relocation estimates including time frames, right of way needs, and cost will be included in a future submittal, pending further coordination with UAOs.

## **APPENDIX A**

### **Sunshine One Ticket**

Ticket : 098201214 Rev:000 Taken: 04/08/22 09:02ET

State: FL Cnty: DADE GeoPlace: NORTH MIAMI  
CallerPlace: NORTH MIAMI  
Subdivision:

Address :  
Street : BROAD CSWY  
Cross 1 : N BAYSHORE DR  
Within 1/4 mile: Y  
Cross 2 : W BAY HARBOR DR

Locat: LOCATE R/O/W TO R/O/W ON BROAD CSWY AND 96TH ST FROM N BAYSHORE DR E  
TO W BAY HARBOR DR

:  
Remarks : IN RESPONSE TO RECEIPT OF A DESIGN TICKET, SSOCOF PROVIDES THE  
ORIGINATOR OF THE DESIGN TICKET WITH A LIST OF SSOCOF MEMBERS IN THE VICINITY  
OF THE DESIGN PROJECT. SSOCOF DOES NOT NOTIFY SSOCOF MEMBERS OF THE RECEIPT BY  
SSOCOF OF A DESIGN TICKET. IT IS THE SOLE RESPONSIBILITY OF THE DESIGN  
ENGINEER TO CONTACT SSOCOF MEMBERS TO REQUEST INFORMATION ABOUT THE LOCATION OF  
SSOCOF MEMBERS' UNDERGROUND FACILITIES. SUBMISSION OF A DESIGN TICKET WILL NOT  
SATISFY THE REQUIREMENT OF CHAPTER 556, FLORIDA STATUTES, TO NOTIFY SSOCOF OF  
AN INTENT TO EXCAVATE OR DEMOLISH. THAT INTENT MUST BE MADE KNOWN SPECIFICALLY  
TO SSOCOF IN THE MANNER REQUIRED BY LAW. IN AN EFFORT TO SAVE TIME ON FUTURE  
CALLS, SAVE YOUR DESIGN TICKET NUMBER IF YOU INTEND TO BEGIN EXCAVATION WITHIN  
90 DAYS OF YOUR DESIGN REQUEST. THE DESIGN TICKET CAN BE REFERENCED, AND THE  
INFORMATION ON IT CAN BE USED TO SAVE TIME WHEN YOU CALL IN THE EXCAVATION  
REQUEST.

04/08/2022 9:02:13 AM CNM529, MDWS HAS DECLARED EXTRAORDINARY CIRCUMSTANCES  
\*\*\* LOOKUP BY MANUAL \*\*\*

:  
Grids : 2553C8008A 2553C8008B 2553C8008C 2553C8009D 2553D8007A  
Grids : 2553D8008B 2553D8008C 2553D8008D

Work date: 04/08/22 Time: 08:58ET Hrs notc: 000 Category: 6 Duration: UNKNOWN  
Due Date : 04/12/22 Time: 23:59ET Exp Date : 05/09/22 Time: 23:59ET  
Work type: DESIGN Boring: N White-lined: N  
Ug/Oh/Both: U Machinery: N Depth: UNK Permits: N N/A  
Done for : DESIGN

Company : ATKINS NORTH AMERICA Type: CONT  
Co addr : 3250 W COMMERCIAL BLVD  
Co addr2: SUITE 120  
City : FORT LAUDERDALE State: FL Zip: 33309  
Caller : MICHAEL ROSE Phone: 754-228-3771  
Contact : DESIGN Phone:  
BestTime: ANYTIME  
Mobile : 954-471-2941  
Email : MICHAEL.ROSE@ATKINSGLOBAL.COM

Submitted: 04/08/22 09:02ET Oper: LIN  
Mbrs : AMTV01 BHI815 CC1279 CNM529 DCPWT FPLDAD FPLSUB FPLSUT HC1660 MDWS  
Mbrs : NN1882 PGSND SBF23

\* Responses are current as of 04/08/2022 09:16 AM

<u>Ex. Circum</u>	<u>Service Area</u>	<u>Utility Type(s)</u>	<u>Contact</u>	<u>Alternate Contact</u>	<u>Emergency Contact</u>	<u>Positive Response</u>
No	ATLANTIC BROADBAND AMTV01	CABLE	SHERELL MCKAY (786) 218-9248	PETE FREYTAG (305) 861-8069 x5208	PETE FREYTAG (305) 861-8069 x5208	
No	TOWN OF BAY HARBOR ISLANDS WATER & SEWER DEPT BHI815	SEWER, WATER	DOUGLAS ARMSTRONG (305) 866-6241 x111	DOUGLAS ARMSTRONG (305) 866-6241 x111	DOUGLAS ARMSTRONG (305) 866-6241 x111	
No	COMCAST CABLE CC1279	CATV, FIBER	RICARDO DAVIDSON (786) 586-8505		HFC HELP DESK (855) 962-8525	
Yes	CITY OF NORTH MIAMI CNM529	FORCE MAIN, SEWER, WATER	CHUKS OKEREKE (305) 895-9838 x15002	LEE CUMBIE (305) 895-9838 x15000	AUGUSTINE FLEUR-AIME (305) 895-9838 x15001	Extraordinary circumstances per 556.105(8)(a), F.S. exist, call utility owner / operator provider for this location.
No	DADE COUNTY PUBLIC WORKS AND TRAFFIC DCPWT	STREET LIGHTS, TRAFFIC SIGNALS	OCTAVIO VIDAL (305) 412-0891 x201	OCTAVIO VIDAL (305) 412-0891 x201	FRANK AIRA P.E. (305) 592-3580 x233	
No	FLORIDA POWER & LIGHT--DADE FPLDAD	ELECTRIC	FPL ENGINEERING DIRECTORY (386) 586-6403		USIC DISPATCH CENTER (800) 778-9140	
No	FLORIDA POWER & LIGHT - SUBAQUEOUS FPLSUB	ELECTRIC	EDGAR AGUILAR (386) 586-6403		JOSEPH W. HEATHERLY (772) 201-6400	
No	FLORIDA POWER & LIGHT--TRANSMISSION FPLSUT	ELECTRIC	EDDIE FREAY (305) 938-1936	RALPH JORDAN (305) 938-1910	ESTEBAN RODRIGUEZ (305) 938-1909	
No	HOTWIRE COMMUNICATIONS HC1660	CATV, FIBER, TELEPHONE	WALTER DAVILA (954) 699-0900	RALPH HERRERA (954) 628-7023	NOC / OAS HASSANZADA (CALL IF NO RESPONSE FROM NOC) (561) 288-9188 x6	
Yes	MIAMI-DADE WATER & SEWER MDWS	SEWER, WATER	LAZARO GUERRA (786) 268-5273	HENRY CUIK (786) 268-5369	RADIO COMMUNICATION CENTER (305) 274-9272	Extraordinary circumstances per 556.105(8)(a), F.S. exist, call utility owner / operator provider for this location.
No	CROWN CASTLE NG NN1882	FIBER	FIBERDIG TEAM (888) 632-0931 x2		CROWN CASTLE FIBER NOC (855) 933-4237 x1	
No	TECO PEOPLES GAS SOUTH FLORIDA PGSND	GAS	JOAN DOMNING (813) 275-3783	OCTAVIO MEJIA (786) 910-9568	TECO PEOPLES GAS CUSTOMER SERVICE** (877) 832-6747	
No	A T & T / DISTRIBUTION	TELEPHONE	DINO FARRUGGIO (561) 683-2729	USIC DISPATCH OFFICE (CLS)	USIC DISPATCH OFFICE (CLS)	

SBF23

(800) 778-9140

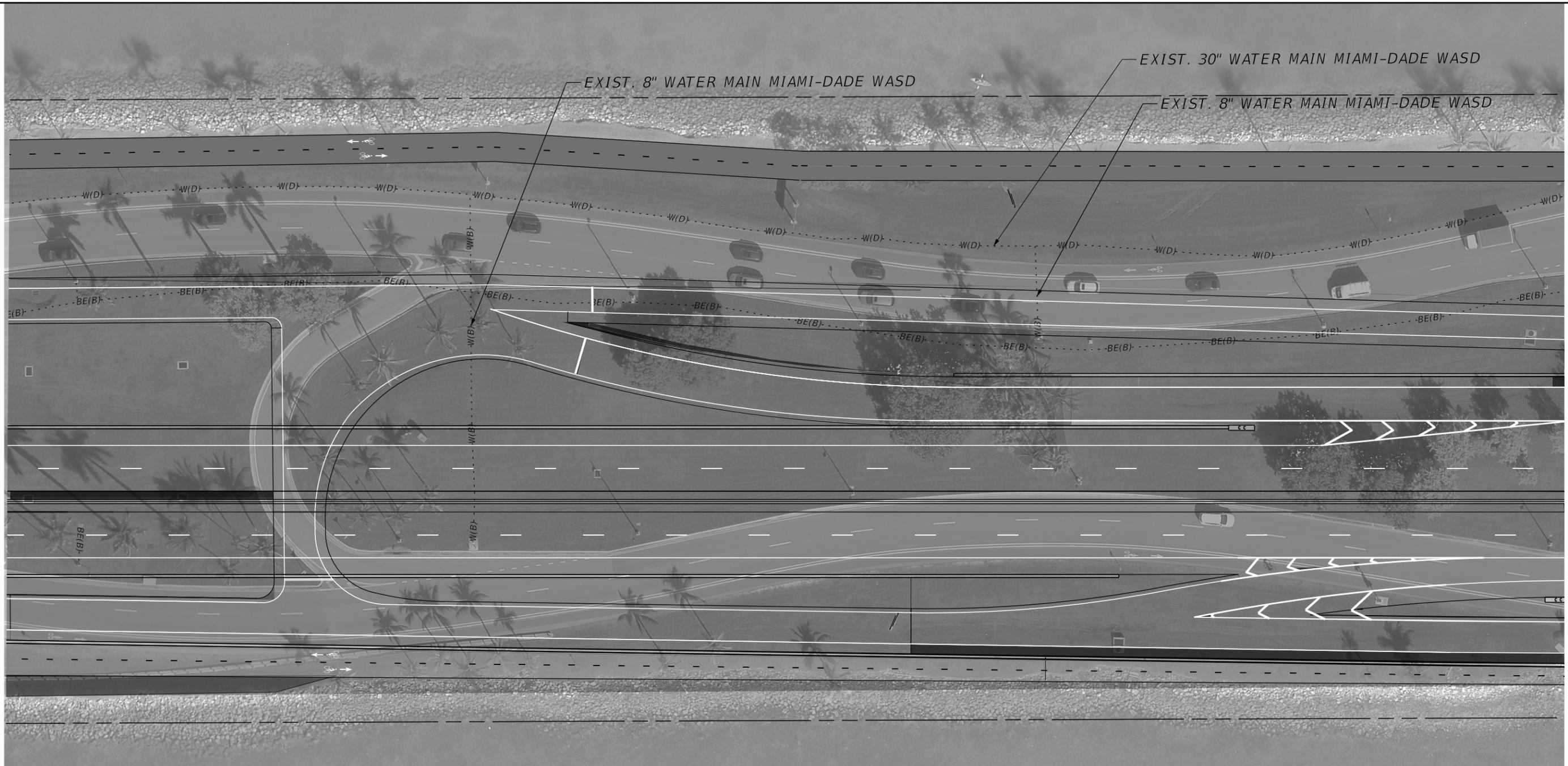
(800) 778-9140

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## **APPENDIX B**

### **Aerial Concept Plans**

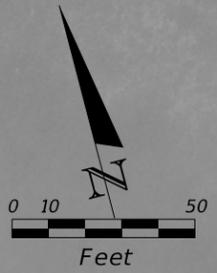




**LEGEND**

- PROPOSED BRIDGE
- PROPOSED LANDSCAPE/SOD
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CONCRETE SIDEWALK
- PROPOSED COLOR CONCRETE SHARED USE PATH
- PROPOSED BARRIER WALL
- PROPOSED CONCRETE MEDIAN
- RIGHT OF WAY
- PARCEL LINES

NOTE: ALL EXISTING PAVEMENT WITHIN THE PROJECT LIMITS IS TO BE REMOVED



5/7/2024 10:42:02 AM 0REL3652  
c:\pw\_work\atknaf\01\wstakins\_orel3652\010104945\PLANR002.dgn

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<i>PLAN SHEET (2)</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR-922	MIAMI-DADE	425428-1-21-01		
RYAN M. JENSEN LICENSE NUMBER: 86609 ATKINS NORTH AMERICA, INC 800 WATERFORD WAY SUITE 700 MIAMI, FL 33126								



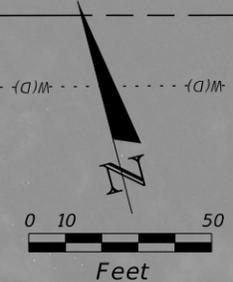
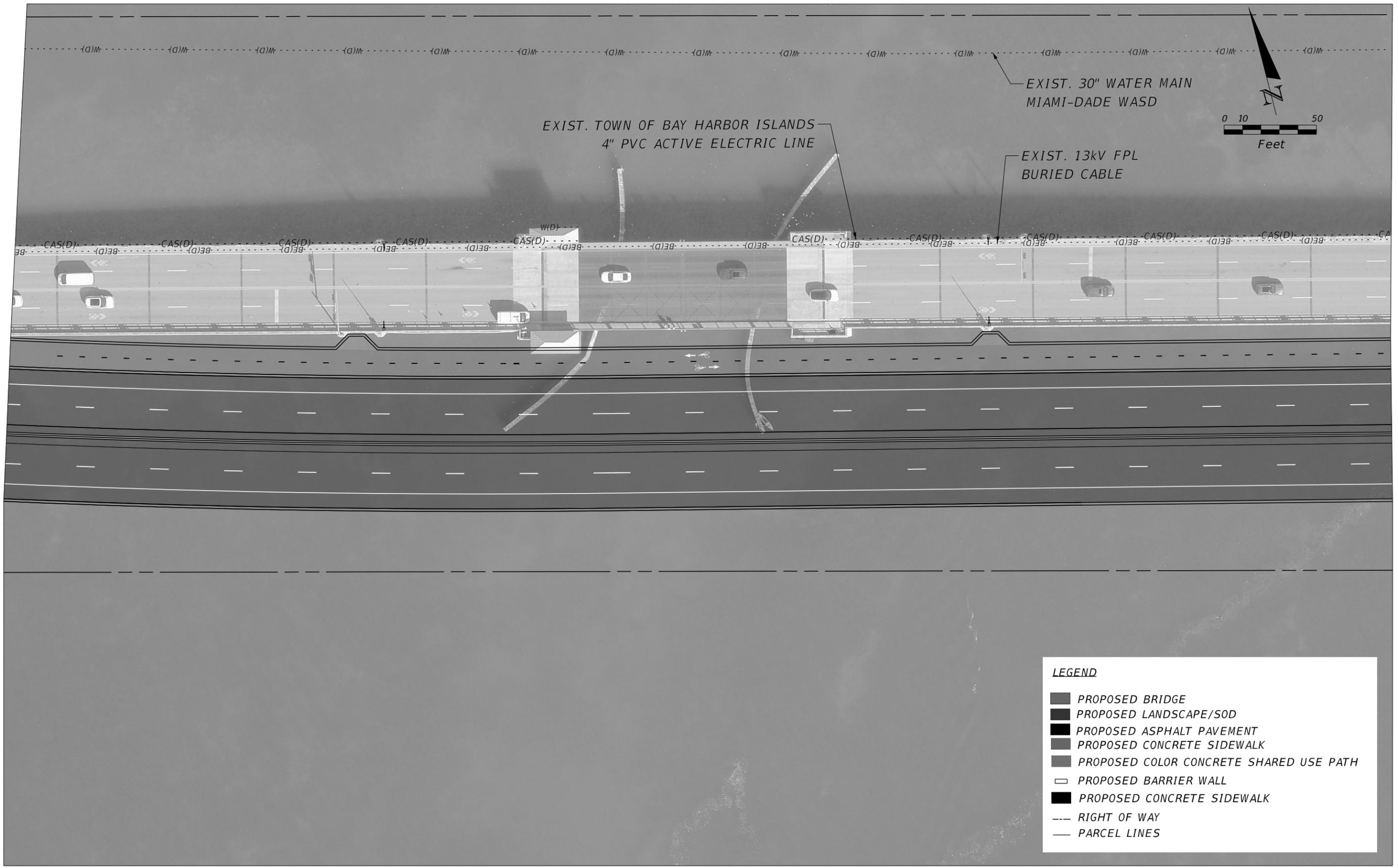
**LEGEND**

- PROPOSED BRIDGE
- PROPOSED LANDSCAPE/SOD
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CONCRETE SIDEWALK
- PROPOSED COLOR CONCRETE SHARED USE PATH
- PROPOSED BARRIER WALL
- PROPOSED CONCRETE MEDIAN
- RIGHT OF WAY
- PARCEL LINES

NOTE: ALL EXISTING PAVEMENT WITHIN THE PROJECT LIMITS IS TO BE REMOVED

5/7/2024 10:50:28 AM OREL3652  
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REVISIONS				RYAN M. JENSEN LICENSE NUMBER: 86609 ATKINS NORTH AMERICA, INC 800 WATERFORD WAY SUITE 700 MIAMI, FL 33126	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>PLAN SHEET (3)</b>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR-922	MIAMI-DADE	425428-1-21-01		



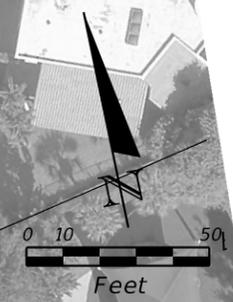
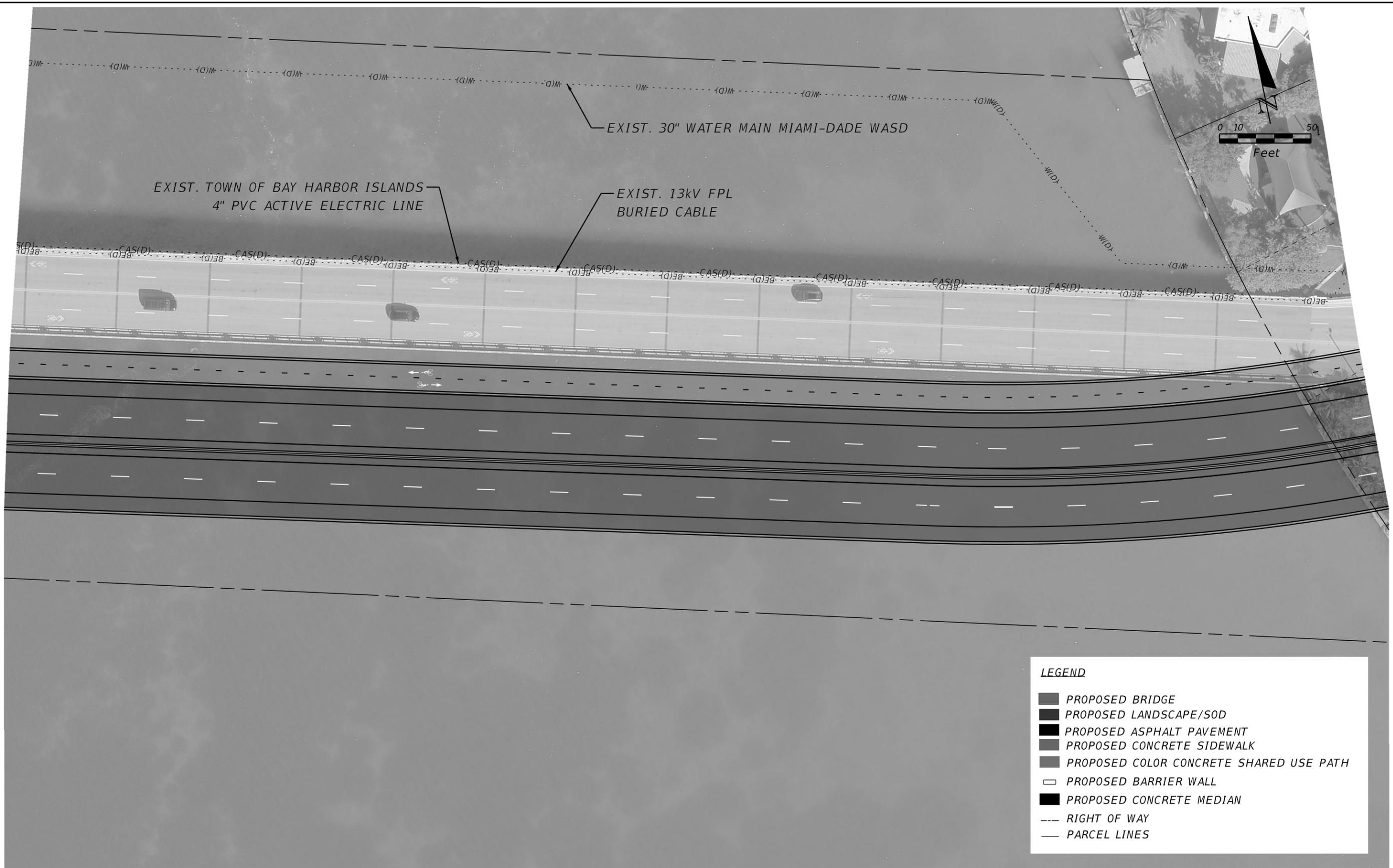
**LEGEND**

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- PROPOSED LANDSCAPE/SOD
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CONCRETE SIDEWALK
- PROPOSED COLOR CONCRETE SHARED USE PATH
- PROPOSED BARRIER WALL
- PROPOSED CONCRETE SIDEWALK
- RIGHT OF WAY
- PARCEL LINES

5/7/2024 10:06:50 AM OREL3652  
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REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET (4)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR-922	MIAMI-DADE	425428-1-21-01		

RYAN M. JENSEN  
 LICENSE NUMBER: 86609  
 ATKINS NORTH AMERICA, INC  
 800 WATERFORD WAY SUITE 700  
 MIAMI, FL 33126

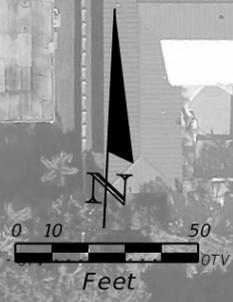


**LEGEND**

- PROPOSED BRIDGE
- PROPOSED LANDSCAPE/SOD
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CONCRETE SIDEWALK
- PROPOSED COLOR CONCRETE SHARED USE PATH
- PROPOSED BARRIER WALL
- PROPOSED CONCRETE MEDIAN
- RIGHT OF WAY
- PARCEL LINES

5/7/2024 10:08:00 AM OREL3652  
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REVISIONS				RYAN M. JENSEN LICENSE NUMBER: 86609 ATKINS NORTH AMERICA, INC 800 WATERFORD WAY SUITE 700 MIAMI, FL 33126	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<h2 style="margin: 0;">PLAN SHEET (5)</h2>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR-922	MIAMI-DADE	425428-1-21-01		



**LEGEND**

- PROPOSED BRIDGE
- PROPOSED LANDSCAPE/SOD
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CONCRETE SIDEWALK
- PROPOSED COLOR CONCRETE SHARED USE PATH
- PROPOSED BARRIER WALL
- PROPOSED CONCRETE MEDIAN
- RIGHT OF WAY
- PARCEL LINES

NOTE: ALL EXISTING PAVEMENT WITHIN THE PROJECT LIMITS IS TO BE REMOVED

5/7/2024 10:39:40 AM OREL3652  
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

RYAN M. JENSEN  
 LICENSE NUMBER: 86609  
 ATKINS NORTH AMERICA, INC  
 800 WATERFORD WAY SUITE 700  
 MIAMI, FL 33126

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR-922	MIAMI-DADE	425428-1-21-01

**PLAN SHEET (6)**

SHEET NO.

## **APPENDIX C**

### **Atlantic Broadband/Breezeline**

**Orellana, Jose**

---

**From:** Javares Hall <jhall@breezeline.com >  
**Sent:** Friday, June 9, 2023 4:04 PM  
**To:** Orellana, Jose  
**Cc:** Jensen, Ryan M; Mark Tenore; Pete Freytag  
**Subject:** Re: Broad Causeway Bridge Replacement PD&E Utility Plans (098201214)  
**Attachments:** FL1295-1809BRAT.dwg; FL1295-1810BRAT.dwg; Screenshot 2023-06-09 160354.JPG

Good afternoon Jose,

Please see all attachments!

After reviewing the description of your work boundary, Breezeline, has Facilities within your work boundary.

There's aerial Coax cable that runs north and south along the west side of "W Broadveiw Dr" through the intersection of "96th St"

Please contact me with any questions or concerns!

Thank you!

**Javares Hall**

C: 305.213.9908

E: [JHall@breezeline.com](mailto:JHall@breezeline.com)

**Breezeline.com**

3541 Enterprise Way, • Miramar, FL 33025



On Fri, Jun 9, 2023 at 8:43 AM Orellana, Jose <[Jose.Orellana@atkinsglobal.com](mailto:Jose.Orellana@atkinsglobal.com)> wrote:

Hello Javares,

The Town of Bay Harbor Islands is conducting a PD&E study for the replacement of the Broad Causeway Drawbridge connecting the Town of Bay Harbor Islands with the City of North Miami, within Miami-Dade County. The bridge is part of State Road 922 (SR 922) (Broad Causeway), a roadway classified as "Urban Minor Arterial". This arterial also begins in Bal Harbour/Surfside and connects those commuters to the mainland. The specific limits of the project extend from the Broad Causeway Island (25°53'19.41"N, 80° 8'54.52"W) on the West side and (25°53'11.30"N, 80° 8'18.93"W) to the East at the



## **APPENDIX D**

### **Town of Bay Harbor Islands Water & Sewer Dept.**

**Orellana, Jose**

---

**From:** Konz, David W  
**Sent:** Thursday, September 21, 2023 1:12 PM  
**To:** Orellana, Jose  
**Cc:** Jensen, Ryan M; Scheinman, Dylan M; Rodney Carrero-Santana (rcarrerosantana@bayharborislands-fl.gov); Jason Atkinson (jatkinson@bayharborislands-fl.gov)  
**Subject:** FW: Broad Causeway Bridge Replacement PD&E Utility Plans (098201214)  
**Attachments:** Broad Causeway Utility Markup Sheets (S).pdf  
  
**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Jose

Based on the progress today, Rodney indicated that there are NO TOWN-OWNED UTILITIES THAT HAVE BEEN DOCUMENTED.

- There is a plan for a large (18" or larger) submerged waterline to the north side of the island (north of service station and parallel to the centerline of roadway that connects North Miami (no plans yet, just a future plan). At the east end, this new waterline would

Please rely on the DTM provided by survey ([on ProjectWise here](#)), your Utility Matrix, and your other research.

**David Konz** F.SEI, PE, SE

Sr. Technical Manager - Structures  
**AtkinsRéalis**  
Direct: 813.281.5458, Mobile: 317.371.9669,  
4030 W. Boy Scout Blvd., Ste 700  
Tampa, FL, 33607, USA

---

**From:** Orellana, Jose <Jose.Orellana@atkinglobal.com>  
**Sent:** Wednesday, July 26, 2023 9:28 AM  
**To:** rcarrerosantana@bayharborislands-fl.gov  
**Cc:** Jensen, Ryan M <Ryan.Jensen@atkinglobal.com>; jatkinson@bayharborislands-fl.gov; Konz, David W <David.Konz@atkinglobal.com>  
**Subject:** FW: Broad Causeway Bridge Replacement PD&E Utility Plans (098201214)

Good Morning Rodney,

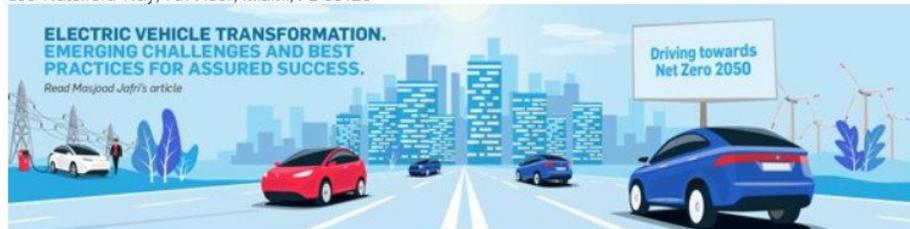
I am emailing you to see if the Town of Bay Harbor Islands has any utilities present within the project described in the email forwarded below (Broad Causeway, FM No. 425428-1-21-01). The link for the markup sheets in the forwarded email is updated, and I have also attached a pdf of the sheets to this email as well. Please let me know if you have any questions.

Thank you,

**Jose Orellana**  
Engineer I  
United States  
Engineering, Design and Project Management

 (305)-514-3263  (772)-342-4515

Atkins, member of the SNC-Lavalin Group  
800 Waterford Way, 7th Floor, Miami, FL 33126



**ATKINS**

Member of the SNC-Lavalin Group

Company    

---

**From:** Orellana, Jose  
**Sent:** Friday, June 9, 2023 11:34 AM  
**To:** [jatkinson@bayharborislands-fl.gov](mailto:jatkinson@bayharborislands-fl.gov)  
**Cc:** Jensen, Ryan M <[Ryan.Jensen@atkinglobal.com](mailto:Ryan.Jensen@atkinglobal.com)>  
**Subject:** Broad Causeway Bridge Replacement PD&E Utility Plans (098201214)

Hello Jason,

The Town of Bay Harbor Islands is conducting a PD&E study for the replacement of the Broad Causeway Drawbridge connecting the Town of Bay Harbor Islands with the City of North Miami, within Miami-Dade County. The bridge is part of State Road 922 (SR 922) (Broad Causeway), a roadway classified as "Urban Minor Arterial". This arterial also begins in Bal Harbour/Surfside and connects those commuters to the mainland. The specific limits of the project extend from the Broad Causeway Island (25°53'19.41"N, 80° 8'54.52"W) on the West side and (25°53'11.30"N, 80° 8'18.93"W) to the East at the intersection with West Broadview Drive. The Bridge Identification (ID) Number is 875101. Additional project information is below:

State Road No.:	922
FM No.:	425428-1-21-01
County(s):	Miami-Dade County
Bridge ID:	875101
Sunshine 811:	098201214

Utilities owned by you may require relocation or adjustment as required by this project.

Please mark the set of plans linked to designate the type and location of your existing facilities and the approximate boundaries of easement or other compensable interest in lands that you now hold along or across the proposed highway right-of-way. It is important that this set of marked prints be returned to our office by July 13th, 2023. Marked plans should be returned to me at [Ryan.Jensen@atkinglobal.com](mailto:Ryan.Jensen@atkinglobal.com) .

UTILITY PLANS-<https://filetransfer.na.atkinglobal.com/link/YRTS7R5Vo4KevRH2Oc37X4>

If any of your utility relocation work qualifies for reimbursement, you will receive specific authorization to proceed with preliminary engineering at a later date. Any expense incurred by your agency will not be eligible for reimbursement unless

and until a formal contract is executed. Payment for this work is contingent upon legislative appropriation and where applicable, federal authorization has been received.

Please also advise us if you do not have any existing or planned utility installations within the limits of this project.

If you have questions regarding the information in this transmittal please do not hesitate to contact me by phone at 954-903-3614, or via email.

Please let me know if you have any questions.

Thank you,

**Jose Orellana**

Engineer I  
United States  
Engineering, Design and Project Management

 (305)-514-3263  (772)-342-4515

Atkins, member of the SNC-Lavalin Group  
800 Waterford Way, 7th Floor, Miami, FL 33126



**ATKINS**

Member of the SNC-Lavalin Group

Company



**Orellana, Jose**

---

**From:** Konz, David W  
**Sent:** Monday, December 11, 2023 8:54 AM  
**To:** Orellana, Jose  
**Cc:** Lasher, Wendy G; Wooley, Eric  
**Subject:** RE: BCB - PER Bridge Utility Question

Correct. Active electricity line owned by the Town of Bay Harbor Islands. I believe it feeds the tender house.

**David Konz** F.SEI, PE, SE  
Sr. Technical Manager - Structures  
AtkinsRéalis  
813.281.5458, 317.371.9669  
4030 W. Boy Scout Blvd., Ste. 700  
Tampa, FL, 33607

---

**From:** Orellana, Jose <Jose.Orellana@atkinsrealis.com>  
**Sent:** Monday, December 11, 2023 8:22 AM  
**To:** Konz, David W <David.Konz@atkinsrealis.com>  
**Cc:** Lasher, Wendy G <Wendy.Lasher@atkinsrealis.com>; Wooley, Eric <Eric.Wooley@atkinsrealis.com>  
**Subject:** RE: BCB - PER Bridge Utility Question

Good Morning,

I will update the utility contact matrix and utilities sheets with this information right now. But just to clarify, is this an electrical line and is it owned by the Town? Please let me know, and I will then go back and update everything accordingly.

Thank you,

**Jose Orellana** EI  
Engineer I  
AtkinsRéalis  
(305)-514-3263, (772)-342-4515,  
800 Waterford Way, 7th Floor  
Miami, FL, 33126, United States

---

**From:** Konz, David W <David.Konz@atkinsrealis.com>  
**Sent:** Friday, December 8, 2023 5:30 PM  
**To:** Orellana, Jose <Jose.Orellana@atkinsrealis.com>  
**Cc:** Lasher, Wendy G <Wendy.Lasher@atkinsrealis.com>; Wooley, Eric <Eric.Wooley@atkinsrealis.com>  
**Subject:** RE: BCB - PER Bridge Utility Question

Jose  
For the yellow below, here is the response from the Town (attached and below)

"Yes, the line is live, as part of the rehabilitation project we will be replacing the conduit and line."  
~Rodney TBH

**David Konz** F.SEI, PE, SE

Sr. Technical Manager - Structures  
**AtkinsRéalis**  
813.281.5458, 317.371.9669  
4030 W. Boy Scout Blvd., Ste. 700  
Tampa, FL, 33607

---

**From:** Konz, David W  
**Sent:** Wednesday, December 6, 2023 11:54 AM  
**To:** Jensen, Ryan M <[Ryan.Jensen@atkinsrealis.com](mailto:Ryan.Jensen@atkinsrealis.com)>; Wooley, Eric <[Eric.Wooley@atkinsrealis.com](mailto:Eric.Wooley@atkinsrealis.com)>; Orellana, Jose <[Jose.Orellana@atkinsrealis.com](mailto:Jose.Orellana@atkinsrealis.com)>  
**Cc:** Lasher, Wendy G <[Wendy.Lasher@atkinsrealis.com](mailto:Wendy.Lasher@atkinsrealis.com)>  
**Subject:** RE: BCB - PER Bridge Utility Question

I'll ask.

**David Konz** F.SEI, PE, SE  
Sr. Technical Manager - Structures  
**AtkinsRéalis**  
813.281.5458, 317.371.9669  
4030 W. Boy Scout Blvd., Ste. 700  
Tampa, FL, 33607

---

**From:** Jensen, Ryan M <[Ryan.Jensen@atkinsrealis.com](mailto:Ryan.Jensen@atkinsrealis.com)>  
**Sent:** Wednesday, December 6, 2023 9:33 AM  
**To:** Konz, David W <[David.Konz@atkinsrealis.com](mailto:David.Konz@atkinsrealis.com)>; Wooley, Eric <[Eric.Wooley@atkinsrealis.com](mailto:Eric.Wooley@atkinsrealis.com)>; Orellana, Jose <[Jose.Orellana@atkinsrealis.com](mailto:Jose.Orellana@atkinsrealis.com)>  
**Cc:** Lasher, Wendy G <[Wendy.Lasher@atkinsrealis.com](mailto:Wendy.Lasher@atkinsrealis.com)>  
**Subject:** RE: BCB - PER Bridge Utility Question

Morning,

What kind of line is it? Is the owner Town of Bay Harbor?

Jose,

We will need to update the utility plans with this line once we know the owner and type. We will also have to update the table on utility relocations and update this table in the PER.

---

**From:** Konz, David W <[David.Konz@atkinsrealis.com](mailto:David.Konz@atkinsrealis.com)>  
**Sent:** Tuesday, December 5, 2023 5:04 PM  
**To:** Wooley, Eric <[Eric.Wooley@atkinsrealis.com](mailto:Eric.Wooley@atkinsrealis.com)>; Orellana, Jose <[Jose.Orellana@atkinsrealis.com](mailto:Jose.Orellana@atkinsrealis.com)>  
**Cc:** Jensen, Ryan M <[Ryan.Jensen@atkinsrealis.com](mailto:Ryan.Jensen@atkinsrealis.com)>; Lasher, Wendy G <[Wendy.Lasher@atkinsrealis.com](mailto:Wendy.Lasher@atkinsrealis.com)>  
**Subject:** FW: BCB - PER Bridge Utility Question

Eric  
Please add the disposition below to the Utility Matrix and store the email on the network. Jose is most familiar, so maybe he can help make sure we pick this up.

Utility files:  [Utility Contact](#)

Latest Utility Sheets form received markups:  [Broad Causeway Utilities Sheets Latest.pdf](#)

**David Konz** F.SEI, PE, SE  
Sr. Technical Manager - Structures

**AtkinsRéalis**

813.281.5458, 317.371.9669  
4030 W. Boy Scout Blvd., Ste. 700  
Tampa, FL, 33607

---

**From:** Konz, David W  
**Sent:** Tuesday, December 5, 2023 5:02 PM  
**To:** 'Rodney CarreroSantana' <[rcarrerosantana@bayharborislands-fl.gov](mailto:rcarrerosantana@bayharborislands-fl.gov)>  
**Cc:** Wooley, Eric <[Eric.Wooley@atkinsrealis.com](mailto:Eric.Wooley@atkinsrealis.com)>; Lasher, Wendy G <[Wendy.Lasher@atkinsrealis.com](mailto:Wendy.Lasher@atkinsrealis.com)>; Jensen, Ryan M <[Ryan.Jensen@atkinsrealis.com](mailto:Ryan.Jensen@atkinsrealis.com)>  
**Subject:** RE: BCB - PER Bridge Utility Question

Thank you.

**David Konz** F.SEI, PE, SE

Sr. Technical Manager - Structures  
**AtkinsRéalis**  
813.281.5458, 317.371.9669  
4030 W. Boy Scout Blvd., Ste. 700  
Tampa, FL, 33607

---

**From:** Rodney CarreroSantana <[rcarrerosantana@bayharborislands-fl.gov](mailto:rcarrerosantana@bayharborislands-fl.gov)>  
**Sent:** Tuesday, December 5, 2023 4:24 PM  
**To:** Konz, David W <[David.Konz@atkinsrealis.com](mailto:David.Konz@atkinsrealis.com)>  
**Cc:** Wooley, Eric <[Eric.Wooley@atkinsrealis.com](mailto:Eric.Wooley@atkinsrealis.com)>; Lasher, Wendy G <[Wendy.Lasher@atkinsrealis.com](mailto:Wendy.Lasher@atkinsrealis.com)>; Jensen, Ryan M <[Ryan.Jensen@atkinsrealis.com](mailto:Ryan.Jensen@atkinsrealis.com)>  
**Subject:** RE: BCB - PER Bridge Utility Question

David:

Yes, the line is live, as part of the rehabilitation project we will be replacing the conduit and line.

Kind Regards,



**Rodney Carrero-Santana, PE, CFM ,LEED AP**

Town Engineer  
Town of Bay Harbor Islands  
Phone: (305) 866-6241  
Email: [rcarrerosantana@bayharborislands-fl.gov](mailto:rcarrerosantana@bayharborislands-fl.gov)

9665 Bay Harbor Terrace  
Bay Harbor Islands, FL, 33154  
[www.bayharborislands-fl.gov](http://www.bayharborislands-fl.gov)



---

**From:** Konz, David W <[David.Konz@atkinsrealis.com](mailto:David.Konz@atkinsrealis.com)>  
**Sent:** Wednesday, November 22, 2023 3:32 PM  
**To:** Rodney CarreroSantana <[rcarrerosantana@bayharborislands-fl.gov](mailto:rcarrerosantana@bayharborislands-fl.gov)>

**Cc:** Wooley, Eric <[Eric.Wooley@atkinsrealis.com](mailto:Eric.Wooley@atkinsrealis.com)>; Lasher, Wendy G <[Wendy.Lasher@atkinsrealis.com](mailto:Wendy.Lasher@atkinsrealis.com)>; Jensen, Ryan M <[Ryan.Jensen@atkinsrealis.com](mailto:Ryan.Jensen@atkinsrealis.com)>

**Subject:** RE: BCB - PER Bridge Utility Question

Rodney

Are you aware if the PVC (4" I believe) mounted to the bridge is active? IF so, what utility is it?

Ryan and Eric have reviewed all the utility files we have, and there is nothing shown attached to the bridge. The PVC pipe looks derelict and I would bet there is nothing active in there.

**David Konz** F.SEI, PE, SE

Sr. Technical Manager - Structures

AtkinsRéalis

Direct: [813.281.5458](tel:813.281.5458), Mobile: [317.371.9669](tel:317.371.9669),

---

**From:** Lasher, Wendy G <[Wendy.Lasher@atkinsrealis.com](mailto:Wendy.Lasher@atkinsrealis.com)>

**Sent:** Tuesday, November 21, 2023 7:06:14 PM

**To:** Konz, David W <[David.Konz@atkinsrealis.com](mailto:David.Konz@atkinsrealis.com)>

**Cc:** Jensen, Ryan M <[Ryan.Jensen@atkinsrealis.com](mailto:Ryan.Jensen@atkinsrealis.com)>

**Subject:** BCB - PER Bridge Utility Question

Do you know what this is or know how to find out?

**Figure 2-182-18** Approach Spans



Thank you,

**Wendy Lasher** AICP

Senior Transportation Planner IV

**AtkinsRéalis**  
813-281-8309, 813-404-4979



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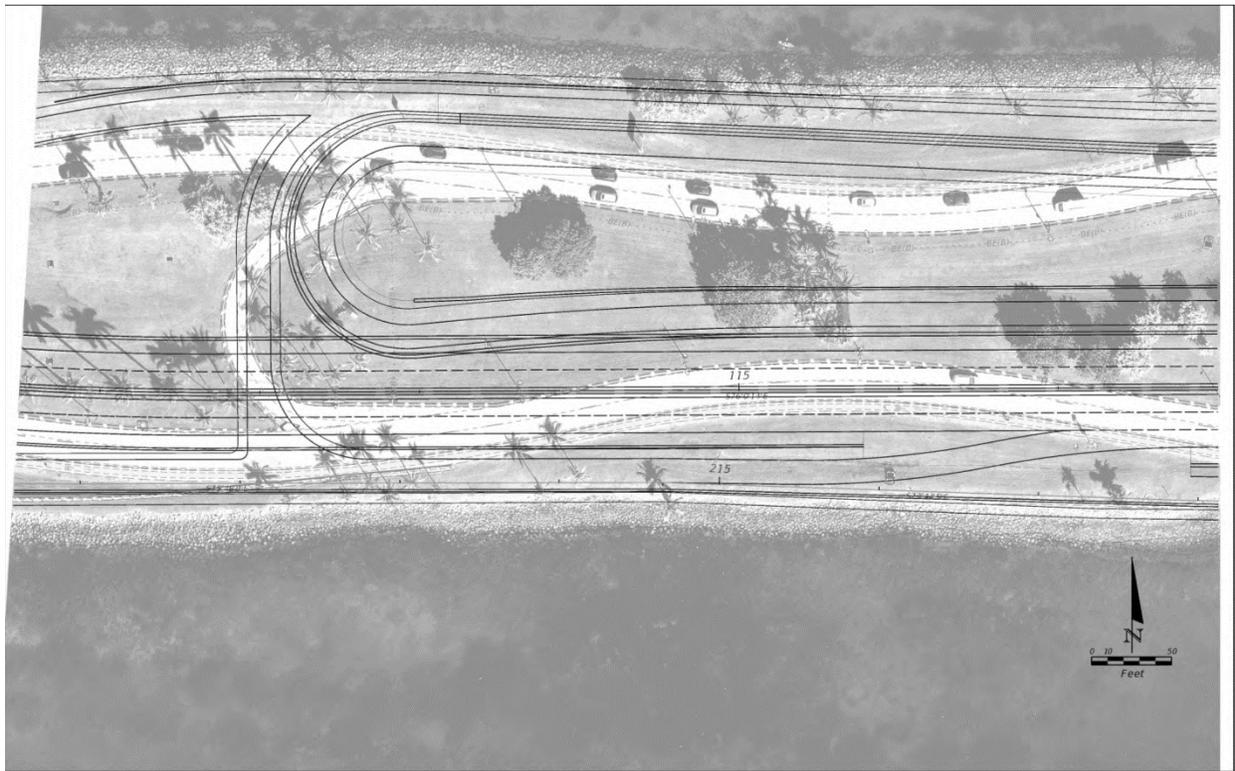
*At AtkinsRéalis, we work flexible hours around the world. Although I have sent this email at a time convenient for me, I don't expect you to respond until it works for you.*

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REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA			UTILITY SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				RYAN M. JENSEN, PE	BCB	MIAMI-DADE	452428-3-21-01	Plan 1
				LICENSE NUMBER: 38600				
				ATKINS NORTH AMERICA				
				900 WATERFORD WAY SUITE 700				
				MIAMI, FL 33126				

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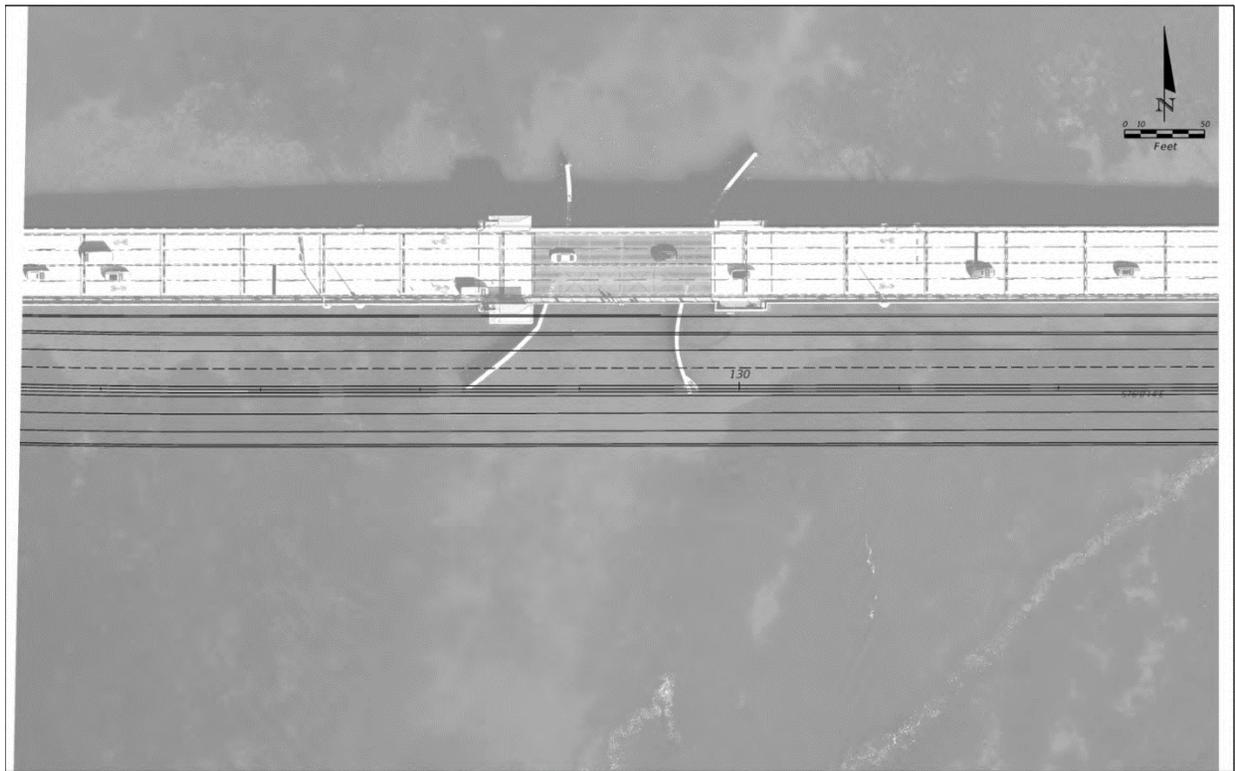
REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA			UTILITY SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DEPARTMENT OF TRANSPORTATION				
				RYAN W. JENSEN, PE	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	Plan 2
				LICENSE NUMBER: 36600 ATKINS NORTH AMERICA 900 WATERFORD WAY SUITE 700 MIAMI, FL 33126	BCB	MIAMI-DADE	452428-3-21-01	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61015-23.004, F.A.C.



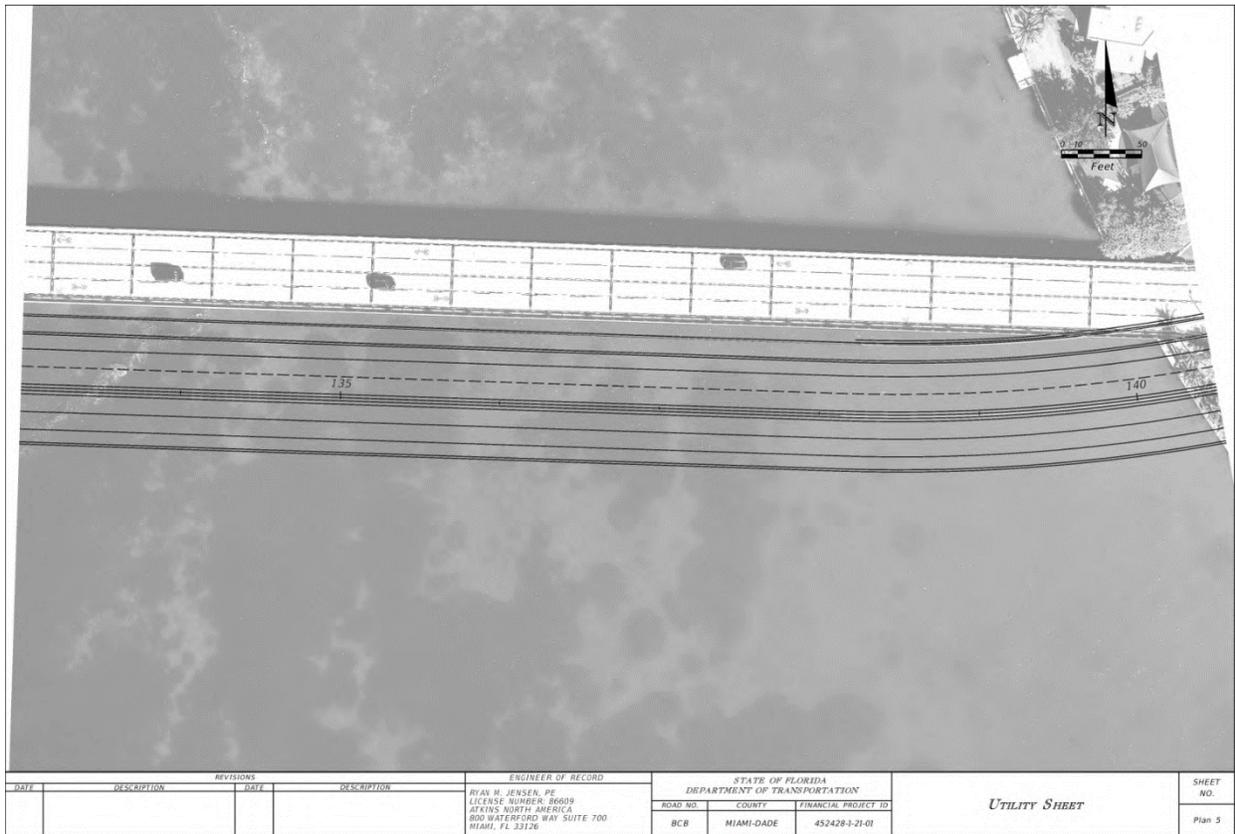
REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA			UTILITY SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DEPARTMENT OF TRANSPORTATION				Plan 3
				ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				BCB	MIAMI-DADE	452428-1-21		

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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA			UTILITY SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DEPARTMENT OF TRANSPORTATION				
				RYAN M. JENSEN, PE LICENSE NUMBER: 96609 ATKINS NORTH AMERICA 900 WATERFORD WAY SUITE 700 MIAMI, FL 33126			Plan 4	
				ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				BCB	MIAMI-DADE	452428-1-21		



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REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA			UTILITY SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				RYAN M. JENSEN, PE LICENSE NUMBER: 86000 ATKINS NORTH AMERICA 900 WATERFORD WAY SUITE 700 MIAMI, FL 33126	BCB	MIAMI-DADE	452428-1-21-01	Plan 5



REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DEPARTMENT OF TRANSPORTATION			
				RYAN W. JENSEN, PE	ROAD NO.	COUNTY	FINANCIAL PROJECT ID
				LICENSE NUMBER: 96499	BC8	MIAMI-DADE	452428-3-21-01
				ATKINS NORTH AMERICA			
				800 WATERFORD WAY SUITE 700			
				MIAMI, FL 33126			
<i>UTILITY SHEET</i>							Plan 6

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**APPENDIX E**  
**Comcast Cable**

## Orellana, Jose

---

**From:** Szynkarski, Thornton <thornton\_szynkarski@comcast.com>  
**Sent:** Friday, August 11, 2023 8:33 AM  
**To:** Orellana, Jose  
**Subject:** RE: Part 2 of sheets  
**Attachments:** Part 2 Broad Causeway Utility Markup Sheets (002) - Comcast.pdf

Morning Jose,

I have attached part 2 of the Broad Causeway markups for Comcast.

Thank you,



Thornton Szynkarski

**SFL Construction Coordinator**

Comcast Cable Communications, Inc.

Email: [Thornton\\_Szynkarski@comcast.com](mailto:Thornton_Szynkarski@comcast.com)

Work: (754)-221-2298

Cell: (954)-562-5309

---

**From:** Orellana, Jose <Jose.Orellana@atkinsglobal.com>  
**Sent:** Monday, August 7, 2023 8:53 AM  
**To:** Szynkarski, Thornton <thornton\_szynkarski@comcast.com>  
**Subject:** [EXTERNAL] RE: Part 2 of sheets

Thank you. Please send the other half of the sheets when you can.

Thanks,

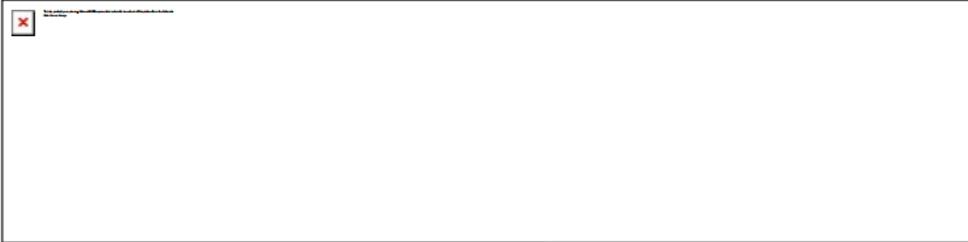
**Jose Orellana**

Engineer I  
United States  
Engineering, Design and Project Management

 (305)-514-3263  (772)-342-4515



800 Waterford Way, 7th Floor, Miami, FL 33126



Company

**From:** Szykarski, Thornton <[thornton\\_szykarski@comcast.com](mailto:thornton_szykarski@comcast.com)>  
**Sent:** Monday, August 7, 2023 8:36 AM  
**To:** Orellana, Jose <[Jose.Orellana@atkinsglobal.com](mailto:Jose.Orellana@atkinsglobal.com)>  
**Subject:** RE: Part 2 of sheets

Morning Jose,  
  
See attached.

**Thank you,**



Thornton Szykarski

**SFL Construction Coordinator**

Comcast Cable Communications, Inc.

Email: [Thornton\\_Szykarski@comcast.com](mailto:Thornton_Szykarski@comcast.com)

Work: (754)-221-2298

Cell: (954)-562-5309

---

**From:** Orellana, Jose <[Jose.Orellana@atkinsglobal.com](mailto:Jose.Orellana@atkinsglobal.com)>  
**Sent:** Monday, August 7, 2023 8:30 AM

**To:** Szynkarski, Thornton <[thornton\\_szynkarski@comcast.com](mailto:thornton_szynkarski@comcast.com)>  
**Subject:** [EXTERNAL] RE: Part 2 of sheets

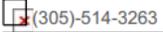
Good Morning Thornton,

Any word from your surveyor partner about Broad Causeway utility locations? Please let me know.

Thank you,

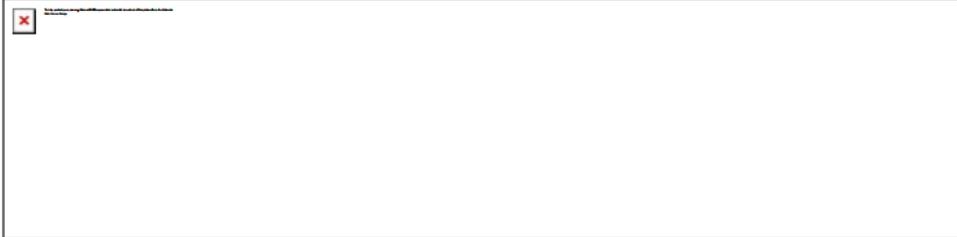
**Jose Orellana**

Engineer I  
United States  
Engineering, Design and Project Management

 (305)-514-3263  (772)-342-4515



800 Waterford Way, 7th Floor, Miami, FL 33126





Company



---

**From:** Szynkarski, Thornton <[thornton\\_szynkarski@comcast.com](mailto:thornton_szynkarski@comcast.com)>  
**Sent:** Monday, July 31, 2023 8:51 AM  
**To:** Orellana, Jose <[Jose.Orellana@atkinsglobal.com](mailto:Jose.Orellana@atkinsglobal.com)>  
**Subject:** RE: Part 2 of sheets

Morning Jose,

I have reached out to our surveyors for an update. I will keep you posted.

Though, I can tell you where our fiber is, but I know your team prefers a formal markup.

Thank you,



Thornton Szynkarski

**SFL Construction Coordinator**

Comcast Cable Communications, Inc.

Email: [Thornton\\_Szynkarski@comcast.com](mailto:Thornton_Szynkarski@comcast.com)

Work: (754)-221-2298

Cell: (954)-562-5309

---

**From:** Orellana, Jose <[Jose.Orellana@atkinsglobal.com](mailto:Jose.Orellana@atkinsglobal.com)>  
**Sent:** Monday, July 31, 2023 8:26 AM  
**To:** Szynkarski, Thornton <[thornton\\_szynkarski@comcast.com](mailto:thornton_szynkarski@comcast.com)>  
**Subject:** [EXTERNAL] RE: Part 2 of sheets

Good Morning Thornton,

I am emailing you to see what the status is on the Broad Causeway (FM No. 425428-1-21-01) markups. I believe you sent them to your surveyor partner a week and a half ago. Please let me know where we are on this.

Thank you,

**Jose Orellana**

Engineer I  
United States  
Engineering, Design and Project Management

 (305)-514-3263  (772)-342-4515



800 Waterford Way, 7th Floor, Miami, FL 33126





Company 

---

**From:** Szynkarski, Thornton <[thornton\\_szynkarski@comcast.com](mailto:thornton_szynkarski@comcast.com)>  
**Sent:** Wednesday, July 19, 2023 4:15 PM  
**To:** Orellana, Jose <[Jose.Orellana@atkinsglobal.com](mailto:Jose.Orellana@atkinsglobal.com)>  
**Subject:** RE: Part 2 of sheets

Jose,

I wish I had a set right next to your computer, but I will make do with this.

I am sending the plans over to our Surveyor Partner. Should know by next week.

I doo apologize for the delay.

**Thank you,**



Thornton Szynkarski

**SFL Construction Coordinator**

Comcast Cable Communications, Inc.

Email: [Thornton\\_Szynkarski@comcast.com](mailto:Thornton_Szynkarski@comcast.com)

Work: (754)-221-2298

Cell: (954)-562-5309

---

**From:** Orellana, Jose <[Jose.Orellana@atkinsglobal.com](mailto:Jose.Orellana@atkinsglobal.com)>  
**Sent:** Wednesday, July 19, 2023 3:31 PM  
**To:** Szynkarski, Thornton <[thornton\\_szynkarski@comcast.com](mailto:thornton_szynkarski@comcast.com)>  
**Subject:** [EXTERNAL] Part 2 of sheets

Here is the second half of the markup sheets. Please have a look and feel free to reach out if any issue arises.

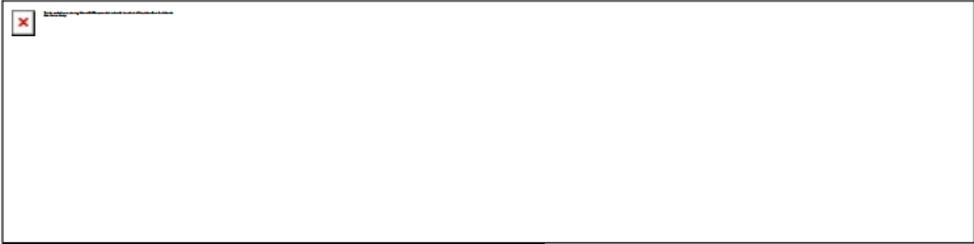
Thanks,

**Jose Orellana**  
Engineer I  
United States  
Engineering, Design and Project Management

 (305)-514-3263  (772)-342-4515



800 Waterford Way, 7th Floor, Miami, FL 33126



Company

**From:** Orellana, Jose  
**Sent:** Wednesday, July 19, 2023 3:28 PM  
**To:** 'Szynkarski, Thornton' <[thornton\\_szynkarski@comcast.com](mailto:thornton_szynkarski@comcast.com)>  
**Subject:** RE: Broad Causeway Bridge Replacement PD&E Utility Plans (098201214)

Hey Thornton,

I remember you requested a zipped file, but not sure if it reached you due to its size. Attached to this email is the first half of the markup sheets, and what I am going to do is send you the second half immediately after this email. Please have a look at both the files and let me know if there is still any issues.

Thank you,

**Jose Orellana**  
Engineer I  
United States  
Engineering, Design and Project Management

(305)-514-3263 (772)-342-4515



800 Waterford Way, 7th Floor, Miami, FL 33126



Company

---

**From:** Szynkarski, Thornton <[thornton\\_szynkarski@comcast.com](mailto:thornton_szynkarski@comcast.com)>  
**Sent:** Wednesday, July 19, 2023 2:44 PM  
**To:** Orellana, Jose <[Jose.Orellana@atkinsglobal.com](mailto:Jose.Orellana@atkinsglobal.com)>  
**Subject:** RE: Broad Causeway Bridge Replacement PD&E Utility Plans (098201214)

Jose,

This is the error I am getting:



---

**From:** Orellana, Jose <[Jose.Orellana@atkinsglobal.com](mailto:Jose.Orellana@atkinsglobal.com)>  
**Sent:** Wednesday, July 19, 2023 8:27 AM  
**To:** Szynkarski, Thornton <[thornton\\_szynkarski@comcast.com](mailto:thornton_szynkarski@comcast.com)>  
**Subject:** [EXTERNAL] FW: Broad Causeway Bridge Replacement PD&E Utility Plans (098201214)

Good Morning Thornton,

Last week we had emailed each other about providing markups for the project forwarded below (Broad Causeway, FM No. 425428-1-21-01), and the link for the plans should be available now. Just wanted to know what the status is on that. Please let me know.

Thank you,

**Jose Orellana**  
Engineer I  
United States  
Engineering, Design and Project Management

 (305)-514-3263  (772)-342-4515

800 Waterford Way, 7th Floor, Miami, FL 33126





Company    

---

**From:** Orellana, Jose  
**Sent:** Friday, June 9, 2023 11:36 AM  
**To:** [thornton\\_szynkarski@comcast.com](mailto:thornton_szynkarski@comcast.com)  
**Cc:** Jensen, Ryan M <[Ryan.Jensen@atkinsglobal.com](mailto:Ryan.Jensen@atkinsglobal.com)>  
**Subject:** Broad Causeway Bridge Replacement PD&E Utility Plans (098201214)

Hello Thornton,

The Town of Bay Harbor Islands is conducting a PD&E study for the replacement of the Broad Causeway Drawbridge connecting the Town of Bay Harbor Islands with the City of North Miami, within Miami-Dade County. The bridge is part of State Road 922 (SR 922) (Broad Causeway), a roadway classified as "Urban Minor Arterial". This arterial also begins in Bal Harbour/Surfside and connects those commuters to the mainland. The specific limits of the project extend from the Broad Causeway Island (25°53'19.41"N, 80° 8'54.52"W) on the West side and (25°53'11.30"N, 80° 8'18.93"W) to the East at the

intersection with West Broadview Drive. The Bridge Identification (ID) Number is 875101. Additional project information is below:

State Road No.: 922  
FM No.: 425428-1-21-01  
County(s): Miami-Dade County  
Bridge ID: 875101  
Sunshine 811: 098201214

Utilities owned by you may require relocation or adjustment as required by this project.

Please mark the set of plans linked to designate the type and location of your existing facilities and the approximate boundaries of easement or other compensable interest in lands that you now hold along or across the proposed highway right-of-way. It is important that this set of marked prints be returned to our office by July 13th, 2023. Marked plans should be returned to me at [Ryan.Jensen@atkinsglobal.com](mailto:Ryan.Jensen@atkinsglobal.com).

UTILITY PLANS-<https://filetransfer.atkinsglobal.com/link/YRTS7R5Vo4KevRH2Oc37X4>

If any of your utility relocation work qualifies for reimbursement, you will receive specific authorization to proceed with preliminary engineering at a later date. Any expense incurred by your agency will not be eligible for reimbursement unless and until a formal contract is executed. Payment for this work is contingent upon legislative appropriation and where applicable, federal authorization has been received.

Please also advise us if you do not have any existing or planned utility installations within the limits of this project.

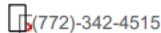
If you have questions regarding the information in this transmittal please do not hesitate to contact me by phone at 954-903-3614, or via email.

Please let me know if you have any questions.

Thank you,

**Jose Orellana**

Engineer I  
United States  
Engineering, Design and Project Management

 (305)-514-3263  (772)-342-4515



800 Waterford Way, 7th Floor, Miami, FL 33126







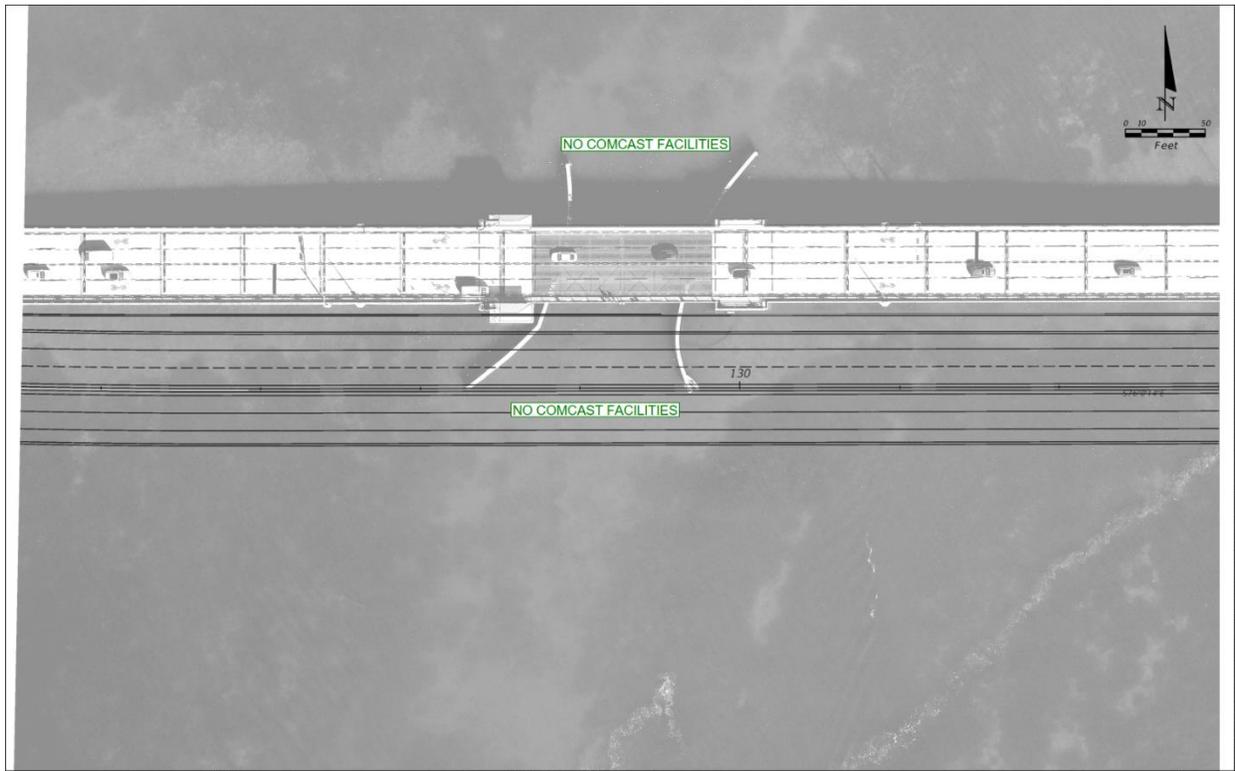
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REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		Plan 2
				RYAN M. JENSEN, PE LICENSE NUMBER: 38609 ATKINS NORTH AMERICA 800 WATERFORD WAY SUITE 700 MIAMI, FL 33126	BCB	MIAMI-DADE	452428-1-21-01	



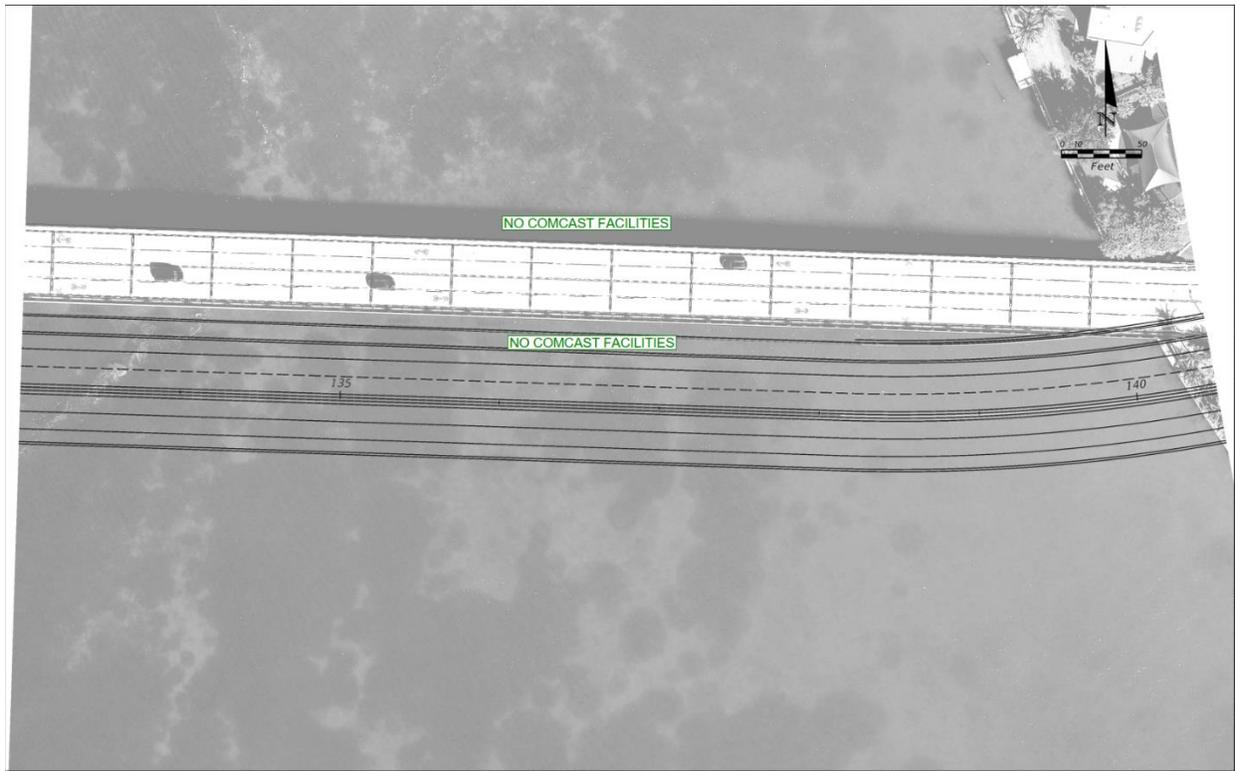
REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA			UTILITY SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DEPARTMENT OF TRANSPORTATION				
				ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				BCB	MIAMI-DADE	452428-1-21		Plan 3

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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA			UTILITY SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				RYAN M. JENSEN, PE LICENSE NUMBER: 86609 ATKINS NORTH AMERICA 800 WATERFORD WAY SUITE 700 MIAMI, FL 33126	BCB	MIAMI-DADE	452426-1-21	Plan 4



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REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA			UTILITY SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		Plan 5
				RYAN M. JENSEN, PE LICENSE NUMBER: 86609 ATKINS NORTH AMERICA 900 WATERFORD WAY SUITE 700 MIAMI, FL 33126	BCB	MIAMI DADE	452428-1-21-01	



REVISIONS		DESCRIPTION		ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN M. JENSEN, PE LICENSE NUMBER: 96499 ATKINS NORTH AMERICA 800 WATERLOO WAY SUITE 700 MIAMI, FL 33126	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	Plan 6
					BCB	MIAMI-DADE	452426-1-21-01	

UTILITY SHEET

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## **APPENDIX F**

### **City of North Miami**

**Orellana, Jose**

---

**From:** O'Brien, John <jobrien@northmiamifl.gov>  
**Sent:** Monday, July 17, 2023 2:48 PM  
**To:** Okereke, Chuks  
**Cc:** Orellana, Jose  
**Subject:** Re: Broad Causeway Bridge Replacement PD&E Utility Plans (098201214)

Good afternoon Chuks,

We do not have any utilities in the area of the plans. Our utilities end at the Whitehouse Inn, west of the bridge.

Regards,

John O'Brien  
GIS Specialist  
City of North Miami Public Works Department

---

**From:** Okereke, Chuks <cokereke@northmiamifl.gov>  
**Sent:** Monday, July 17, 2023 11:37 AM  
**To:** O'Brien, John <jobrien@northmiamifl.gov>  
**Cc:** Orellana, Jose <Jose.Orellana@atkinsglobal.com>  
**Subject:** RE: Broad Causeway Bridge Replacement PD&E Utility Plans (098201214)

Hi John,

GM.

Could you please provide Jose with the linked drawings with our utilities (if any) superimposed on it. If you have any question or require additional information, please do not hesitate to contact me. Thanks.

Regards,



**Chuks Okereke, P.E., MSCE**  
City Engineer

Public Works Department  
1815 NE 150 Street  
North Miami, FL 33181  
305-893-6511, Ext. 15002  
DIRECT: 305-895-9834

[www.northmiamifl.gov](http://www.northmiamifl.gov)

Please print only if necessary.

---

**From:** Orellana, Jose <Jose.Orellana@atkinglobal.com>  
**Sent:** Monday, July 17, 2023 11:28 AM  
**To:** Okereke, Chuks <cokereke@northmiamifl.gov>  
**Subject:** FW: Broad Causeway Bridge Replacement PD&E Utility Plans (098201214)

You don't often get email from jose.orellana@atkinglobal.com. [Learn why this is important](#)

**This message has originated from an External Source. Please use proper judgment and caution when opening attachments, clicking links, or responding to this email.**  
*-City Of North Miami IT Department.*

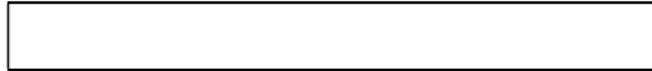
Good Afternoon Chuks,

Below is the email about the PD&E study of Broad Causeway Drawbridge, and it has a link for the utility plans. Please let me know if you have utilities in this area and let me know if you have any questions.

Thank you!

**Jose Orellana**  
Engineer I  
United States  
Engineering, Design and Project Management

(305)-514-3263  (772)-342-4515



800 Waterford Way, 7th Floor, Miami, FL 33126



Company

---

**From:** Orellana, Jose  
**Sent:** Friday, June 9, 2023 11:39 AM  
**To:** ysaintfort@northmiamifl.gov  
**Cc:** Jensen, Ryan M <Ryan.Jensen@atkinglobal.com>  
**Subject:** Broad Causeway Bridge Replacement PD&E Utility Plans (098201214)

Hello Yadly,

The Town of Bay Harbor Islands is conducting a PD&E study for the replacement of the Broad Causeway Drawbridge connecting the Town of Bay Harbor Islands with the City of North Miami, within Miami-Dade County. The bridge is part of State Road 922 (SR 922) (Broad Causeway), a roadway classified as "Urban Minor Arterial". This arterial also begins in Bal Harbour/Surfside and connects those commuters to the mainland. The specific limits of the project extend from the Broad Causeway Island (25°53'19.41"N, 80° 8'54.52"W) on the West side and (25°53'11.30"N, 80° 8'18.93"W) to the East at the intersection with West Broadview Drive. The Bridge Identification (ID) Number is 875101. Additional project information is below:

State Road No.: 922  
FM No.: 425428-1-21-01  
County(s): Miami-Dade County  
Bridge ID: 875101  
Sunshine 811: 098201214

Utilities owned by you may require relocation or adjustment as required by this project.

Please mark the set of plans linked to designate the type and location of your existing facilities and the approximate boundaries of easement or other compensable interest in lands that you now hold along or across the proposed highway right-of-way. It is important that this set of marked prints be returned to our office by July 13th, 2023. Marked plans should be returned to me at [Ryan.Jensen@atkinsglobal.com](mailto:Ryan.Jensen@atkinsglobal.com).

UTILITY PLANS-<https://filetransfer.atkinsglobal.com/link/YRTS7R5Vo4KevRH2Oc37X4>

If any of your utility relocation work qualifies for reimbursement, you will receive specific authorization to proceed with preliminary engineering at a later date. Any expense incurred by your agency will not be eligible for reimbursement unless and until a formal contract is executed. Payment for this work is contingent upon legislative appropriation and where applicable, federal authorization has been received.

Please also advise us if you do not have any existing or planned utility installations within the limits of this project.

If you have questions regarding the information in this transmittal please do not hesitate to contact me by phone at 954-903-3614, or via email.

Please let me know if you have any questions.

Thank you,

**Jose Orellana**

Engineer I  
United States  
Engineering, Design and Project Management

(305)-514-3263  (772)-342-4515



Public Works Division  
Water & Sewer Department  
Utility Operations Center

1815 N.E. 150 Street · North Miami, FL 33181 · T: (305) 895-9838 · F: (305) 787-1008

---

July 17, 2023

Ryan Jensen  
Utility Coordinator  
FDOT District 6 Utilities Office  
1000 NW 111 Ave., #6102B  
Miami, Florida 33172

**RE: Project: Broad Causeway Bridge Replacement PD&E Utility Plans  
(098201214)**

Dear Mr. Jensen:

The City of North Miami has no water or sanitary sewer utilities located in the area of your interest.

If you need further information please contact me at 305.895.9838 ext.15002 or e-mail: [cokereke@northmiamifl.gov](mailto:cokereke@northmiamifl.gov).

Sincerely,

Chuks U. Okereke, P.E.  
City Engineer  
City of North Miami  
Public Works Department

## **APPENDIX G**

### **Dade County Public Works and Traffic**

**Orellana, Jose**

---

**From:** Rodriguez, Xenia <Xenia.Rodriguez@dot.state.fl.us>  
**Sent:** Tuesday, June 20, 2023 1:22 PM  
**To:** Jensen, Ryan M  
**Cc:** Orellana, Jose; McMullen, Robert  
**Subject:** RE: 452428-1-21-01 Broad causeway Bridge replacement PD&E

**Sensitivity:** Confidential

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Hi Ryan, We do not pay utility owners to provide mark ups/records for FDOT projects. On another note, MDCPWs is not considered a Utility. We do coordinate with them for our signals and lighting but are not part of the utility coordination.

*Xenia Rodriguez*

District Utility Administrator  
Florida Department of Transportation-D6  
1000 NW 111 Ave  
Miami, FL. 33172  
305-470-5234

---

**From:** Jensen, Ryan M <Ryan.Jensen@atkinsglobal.com>  
**Sent:** Tuesday, June 20, 2023 11:57 AM  
**To:** Rodriguez, Xenia <Xenia.Rodriguez@dot.state.fl.us>  
**Cc:** Orellana, Jose <Jose.Orellana@atkinsglobal.com>; McMullen, Robert <Robert.McMullen@dot.state.fl.us>  
**Subject:** 452428-1-21-01 Broad causeway Bridge replacement PD&E  
**Sensitivity:** Confidential

**EXTERNAL SENDER: Use caution with links and attachments.**

Hey Xenia,

I got your contact from a co-worker at D6 Mike Rose and was hoping you could answer a utility coordination question.

Currently we are making our first contacts with the utility companies listed on our Sunshine 811 ticket and have sent plans for them to mark up. We received the attached letter from High Tech Locating which is a sub for Miami-Dade County Public Works, requesting we send them a check for \$75 to complete the initial markups. My question is: Since this project has an FM# and an FDOT project manager is there any way around this fee? If we have to pay it so be it but wanted to check because no other company requested a fee.

Thanks

**Ryan M. Jensen** P.E.  
Project Manager  
South Florida  
Transportation Design

 (954) 903-3614  (305) 989-5230

## Orellana, Jose

---

**From:** McMullen, Robert <Robert.McMullen@dot.state.fl.us>  
**Sent:** Tuesday, June 20, 2023 3:00 PM  
**To:** Rodriguez, Xenia; Jensen, Ryan M  
**Cc:** Orellana, Jose  
**Subject:** RE: 452428-1-21-01 Broad causeway Bridge replacement PD&E

**Sensitivity:** Confidential

Thank you Xenia for responding to Ryan's request.

Ryan and Xenia I think we need to be clear where these locates will take place since there are portions of SR 922 that are within FDOT jurisdiction but the portion between the mainland Miami Section and the Bay Harbor Island is owned by the 1953 State Bill giving ownership to the Town of Bay Harbor Islands. It may make a difference to the County and the relevance of Xenia's reply.

Also to clarify, there is indeed an FM number for the project 452428-1-21-01 but it is not open for in-house charges yet until Work Program clears something.

That said, I have been identified in the Project Manager role (Ken Jeffries was originally in that role) since after the MOA was signed by the Town and District 6 I was confirmed as the sole Point of Contact for the Bascule Bridge PD&E Study by [the Town of Bay Harbor Islands](#) with District technical assistance and support.

Thank you,

**Robert T. McMullen (Rob)**  
Environmental Scientist III  
District Noise Specialist  
ISA Certified Arborist

Planning & Environmental Management Office  
**Florida Department of Transportation - District 6**  
Adam Leigh Cann Building  
1000 NW 111 Avenue, Room 6109  
Miami, Florida 33172

Phone: (305) 470-5149; Fax: (305) 470-5205  
E-Mail: [Robert.McMullen@dot.state.fl.us](mailto:Robert.McMullen@dot.state.fl.us)

---

**From:** Rodriguez, Xenia <Xenia.Rodriguez@dot.state.fl.us>  
**Sent:** Tuesday, June 20, 2023 1:22 PM  
**To:** Jensen, Ryan <ryan.jensen@atkinsglobal.com>  
**Cc:** Orellana, Jose <Jose.Orellana@atkinsglobal.com>; McMullen, Robert <Robert.McMullen@dot.state.fl.us>  
**Subject:** RE: 452428-1-21-01 Broad causeway Bridge replacement PD&E  
**Sensitivity:** Confidential

Hi Ryan, We do not pay utility owners to provide mark ups/records for FDOT projects. On another note, MDCPWs is not considered a Utility. We do coordinate with them for our signals and lighting but are not part of the utility coordination.

## **APPENDIX H**

### **FPL-Dade/Subaqueous**

**Orellana, Jose**

---

**From:** Rodriguez, Gabriel <Gabriel.Rodriguez2@fpl.com>  
**Sent:** Monday, July 17, 2023 3:16 PM  
**To:** Orellana, Jose  
**Subject:** RE: Broad Causeway Bridge Replacement PD&E Utility Plans (098201214)

Good afternoon Jose,

Primary maps show primary distribution facilities. The primary system voltage is 13 kV for this area. The lines with hatch marks represent buried electric.

Kind regards,

**Gabriel Rodriguez**  
Distribution Engineering  
ETS – Power Delivery, Florida Power & Light  
[Gabriel.Rodriguez2@fpl.com](mailto:Gabriel.Rodriguez2@fpl.com) | Mobile: (305) 281-9847  
4200 W Flagler St – EPM/LFO | Miami, FL 33134



---

**From:** Orellana, Jose <Jose.Orellana@atkinsglobal.com>  
**Sent:** Friday, July 14, 2023 9:15 AM  
**To:** Rodriguez, Gabriel <Gabriel.Rodriguez2@fpl.com>  
**Subject:** RE: Broad Causeway Bridge Replacement PD&E Utility Plans (098201214)

Good Morning Gabriel,

Is there any chance that a legend could be provided? I am unsure about a few lines so if you can clarify, it would be appreciated. Also, I am available for a call if that works better for you. Please let me know.

Thank you,

**Jose Orellana**  
Engineer I  
United States  
Engineering, Design and Project Management

 (305)-514-3263  (772)-342-4515



800 Waterford Way, 7th Floor, Miami, FL 33126

**Orellana, Jose**

---

**From:** Rodriguez, Gabriel <Gabriel.Rodriguez2@fpl.com>  
**Sent:** Thursday, July 13, 2023 3:40 PM  
**To:** Orellana, Jose  
**Cc:** Jensen, Ryan M  
**Subject:** RE: Broad Causeway Bridge Replacement PD&E Utility Plans (098201214)  
**Attachments:** x-0271.pdf

Good afternoon Jose,

Please see attached primary map. Keep in mind that these drawings are an approximation and are not to be used for cable location.

Please do not hesitate to contact me if you have any questions.

Thank you!

**Gabriel Rodriguez**  
Distribution Engineering  
ETS – Power Delivery, Florida Power & Light  
[Gabriel.Rodriguez2@fpl.com](mailto:Gabriel.Rodriguez2@fpl.com) | Mobile: (305) 281-9847  
4200 W Flagler St – EPM/LFO | Miami, FL 33134



---

**From:** Orellana, Jose <Jose.Orellana@atkinsglobal.com>  
**Sent:** Monday, July 10, 2023 8:49 AM  
**To:** Rodriguez, Gabriel <Gabriel.Rodriguez2@fpl.com>  
**Subject:** FW: Broad Causeway Bridge Replacement PD&E Utility Plans (098201214)

Good Morning Gabriel,

We previously sent you plan sheets for Utility Markups on 06/09/23 and requested them be returned by 07/13/23. This is a one-week reminder to submit utility locations for the Broad Causeway Bridge Replacement PD&E. Below is the original email that was sent with the information about this project. Please let me know if you have utilities in this area whenever you can.

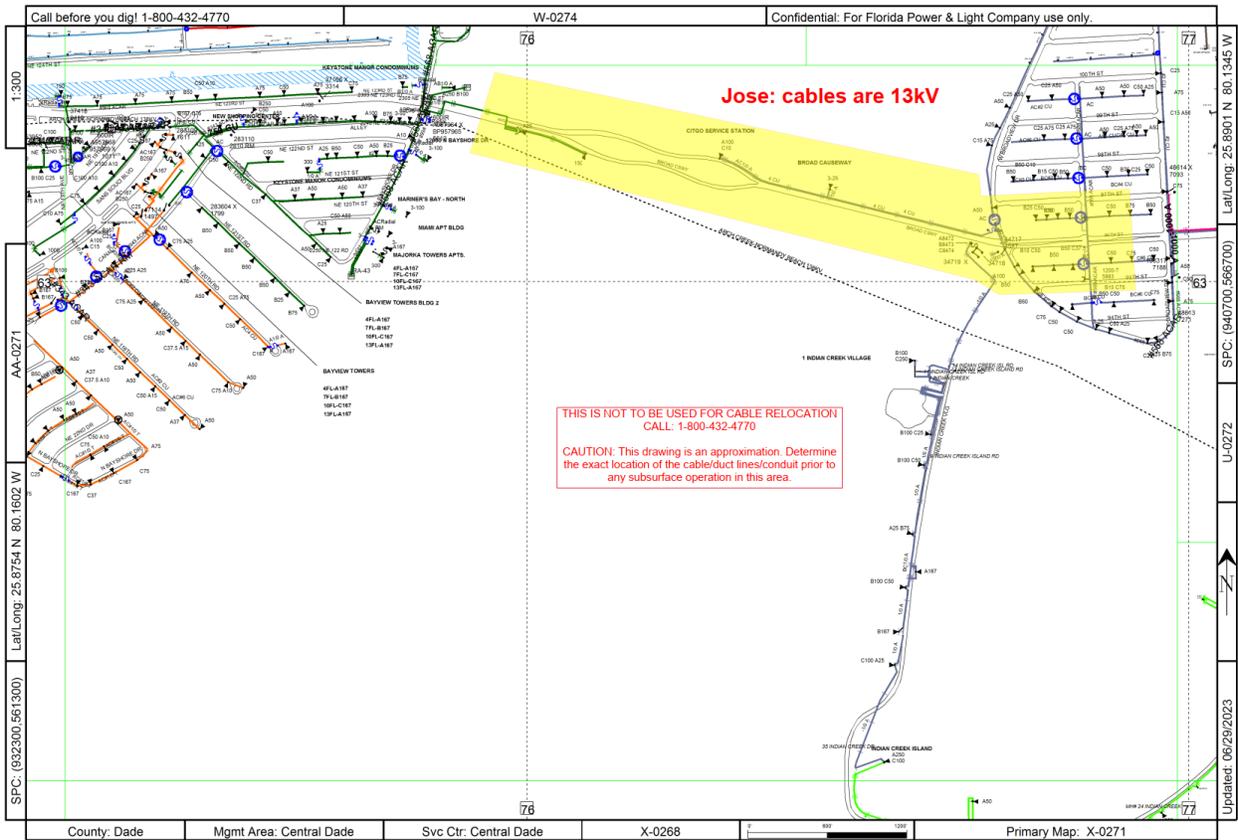
Thank You,

**Jose Orellana**  
Engineer I  
United States  
Engineering, Design and Project Management

 (305)-514-3263  (772)-342-4515



800 Waterford Way, 7th Floor, Miami, FL 33126



**APPENDIX I**  
**FPL-Transmission**

**Orellana, Jose**

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**From:** Dillman, Gretchen <Gretchen.Dillman@fpl.com>  
**Sent:** Wednesday, July 5, 2023 5:08 PM  
**To:** Orellana, Jose  
**Cc:** Jensen, Ryan M; Joseph, James  
**Subject:** RE: Broad Causeway Bridge Replacement PD&E Utility Plans (098201214)

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Good afternoon Jose,

I hope you are having a good week. Thank you for informing us of this proposed project. FPL Transmission has reviewed your plans and has determined that we have **no facilities** within the project limits. Should the design or scope of the work change, please send the updated plans for further review.

Thank you,

*Gretchen Dillman*

Transmission Relocation Coordinator  
working on behalf of Florida Power and Light  
[Gretchen.Dillman@fpl.com](mailto:Gretchen.Dillman@fpl.com)  
(813) 469-0924 (mobile)

---

**From:** Orellana, Jose <Jose.Orellana@atkinglobal.com>  
**Sent:** Friday, June 9, 2023 8:56 AM  
**To:** Dillman, Gretchen <Gretchen.Dillman@fpl.com>  
**Cc:** Jensen, Ryan M <Ryan.Jensen@atkinglobal.com>  
**Subject:** Broad Causeway Bridge Replacement PD&E Utility Plans (098201214)

Hello Gretchen,

The Town of Bay Harbor Islands is conducting a PD&E study for the replacement of the Broad Causeway Drawbridge connecting the Town of Bay Harbor Islands with the City of North Miami, within Miami-Dade County. The bridge is part of State Road 922 (SR 922) (Broad Causeway), a roadway classified as "Urban Minor Arterial". This arterial also begins in Bal Harbour/Surfside and connects those commuters to the mainland. The specific limits of the project extend from the Broad Causeway Island (25°53'19.41"N, 80° 8'54.52"W) on the West side and (25°53'11.30"N, 80° 8'18.93"W) to the East at the intersection with West Broadview Drive. The Bridge Identification (ID) Number is 875101. Additional project information is below:

State Road No.: 922  
FM No.: 425428-1-21-01  
County(s): Miami-Dade County  
Bridge ID: 875101  
Sunshine 811: 098201214

Utilities owned by you may require relocation or adjustment as required by this project.

## **APPENDIX J**

### **Hotwire Communications**

## Orellana, Jose

---

**From:** Walter Sancho-Davila <walter.sancho-davila@hotwirecommunication.com>  
**Sent:** Friday, June 9, 2023 11:45 AM  
**To:** Orellana, Jose  
**Cc:** Jensen, Ryan M  
**Subject:** RE: [External]Broad Causeway Bridge Replacement PD&E Utility Plans (098201214)

Good morning Jose,

We have no facilities in this area, therefore, there are no conflicts with this. Please, accept this email as our official response to your request.

Please, keep my contact information for future projects.

Thank you

**Walter Sancho-Davila** | Project Manager | OSP Engineering

Office: 954.699.0900

Cell: 954.248.7396

[walter.sancho-davila@hotwirecommunication.com](mailto:walter.sancho-davila@hotwirecommunication.com)



2100 W Cypress Creek Rd  
Fort Lauderdale, FL 33309

**CORPORATE SITE:** [www.hotwirecommunications.com](http://www.hotwirecommunications.com)

**CUSTOMER SITE:** [www.gethotwired.com](http://www.gethotwired.com)

[Hotwire's BBB Rating](#)

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**From:** Orellana, Jose <Jose.Orellana@atkinsglobal.com>  
**Sent:** Friday, June 9, 2023 8:58 AM  
**To:** Walter Sancho-Davila <walter.sancho-davila@hotwirecommunication.com>  
**Cc:** Jensen, Ryan M <Ryan.Jensen@atkinsglobal.com>  
**Subject:** [External]Broad Causeway Bridge Replacement PD&E Utility Plans (098201214)

You don't often get email from [jose.orellana@atkinsglobal.com](mailto:jose.orellana@atkinsglobal.com). [Learn why this is important](#)

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Hello Walter,

The Town of Bay Harbor Islands is conducting a PD&E study for the replacement of the Broad Causeway Drawbridge connecting the Town of Bay Harbor Islands with the City of North Miami, within Miami-Dade County. The bridge is part of State Road 922 (SR 922) (Broad Causeway), a roadway classified as "Urban Minor Arterial". This arterial also begins in Bal Harbour/Surfside and connects those commuters to the mainland. The specific limits of the project extend from the Broad Causeway Island (25°53'19.41"N, 80° 8'54.52"W) on the West side and (25°53'11.30"N, 80° 8'18.93"W) to the East at the intersection with West Broadview Drive. The Bridge Identification (ID) Number is 875101. Additional project information is below:

State Road No.: 922  
FM No.: 425428-1-21-01  
County(s): Miami-Dade County  
Bridge ID: 875101  
Sunshine 811: 098201214

Utilities owned by you may require relocation or adjustment as required by this project.

Please mark the set of plans linked to designate the type and location of your existing facilities and the approximate boundaries of easement or other compensable interest in lands that you now hold along or across the proposed highway right-of-way. It is important that this set of marked prints be returned to our office by July 13th, 2023. Marked plans should be returned to me at [Ryan.Jensen@atkinglobal.com](mailto:Ryan.Jensen@atkinglobal.com).

UTILITY PLANS-<https://filetransferna.atkinglobal.com/link/YRTS7R5Vo4KevRH2Oc37X4>

If any of your utility relocation work qualifies for reimbursement, you will receive specific authorization to proceed with preliminary engineering at a later date. Any expense incurred by your agency will not be eligible for reimbursement unless and until a formal contract is executed. Payment for this work is contingent upon legislative appropriation and where applicable, federal authorization has been received.

Please also advise us if you do not have any existing or planned utility installations within the limits of this project.

If you have questions regarding the information in this transmittal please do not hesitate to contact me by phone at 954-903-3614, or via email.

Please let me know if you have any questions.

Thank you,

**Jose Orellana**

Engineer I  
United States  
Engineering, Design and Project Management

## **APPENDIX K**

### **Miami Dade Water & Sewer**

# Memorandum



**Date:** June 2, 2023

**To:** Jerry Bell, AICP, Assistant Director for Planning Division  
Miami-Dade County Department of Regulatory and Economic Resources

**From:** Maria A. Valdes, CSM, LEED® Green Associate  
Chief, Planning & Water Certification Section  
Water and Sewer Department (WASD)

A handwritten signature in blue ink that reads "Maria Valdes".

**Subject:** Comments - Advance Notification Review - ETDM # 14520  
The project is located along the Broad Causeway Bridge. The project limits extend from Broad Causeway Island to east of West Broadview Drive, within the Town of Bay Harbor Islands and the City of North Miami, in Miami-Dade County.

---

The Miami-Dade Water and Sewer Department has reviewed the area for the subject Florida Department of Transportation (FDOT) project. The project information provided by FDOT is to address the structural and functional deficiencies of the existing 0.782-mile Broad Causeway Bridge that connects the Town of Bay Harbor Islands with the City of North Miami. The feasibility of continued rehabilitation and repair versus bridge replacement will be evaluated through the Project Development and Environment (PD&E) study. The project limits extend from Broad Causeway Island to east of West Broadview Drive, within the Town of Bay Harbor Islands and the City of North Miami, in Miami-Dade County.

Based on its January 2022 Bridge Inspection Report, FDOT has determined the existing 1951 bridge is functionally obsolete, meaning the bridge was built to standards not currently in use and does not meet current design standards such as adequate lane widths, shoulder widths, or serve current or future traffic demand. The PD&E Study will evaluate bridge replacement alternatives including a new alignment adjacent to the existing bridge, or a No-Build (rehabilitation/repair) alternative. Adjustments to the width and height of the bridge will be required to bring the structure to current design standards and United States Coast Guard requirements. Future bridge concepts may also include potential provisions for new dedicated bicycle lanes, sidewalks, and guardrails for the safety of the pedestrians. Additional right-of way is not anticipated to accommodate the replacement bridge; however, specific right-of-way requirements for the project will be determined during the PD&E Study. Below, please find WASD's comments for the subject project.

**Water:** This EDTM has a section that goes through North Miami's water service area and through the Town of Bay Harbor Island water service area. WASD has a 30-inch water main along the subject corridor study area (along the Broad Causeway) that extends easterly through the Town of Bal Harbor Islands, along 96<sup>th</sup> Street. The water mains along 96<sup>th</sup> Street range between 8 to 30 inches in diameter. For information on the infrastructure located within the subject corridor study area that falls within the Town of Bay Harbor Island and the City of North Miami water service area, please consult with their respective Utility Department.

**Sewer:** This EDTM study area goes through the City of North Miami's and the Town of Bay Harbor Island's sewer service area. WASD has no sewer infrastructure along the subject corridor study area. For information on the infrastructure located within the City of North Miami's and the Town of Bay Harbor Island's sewer service area, please consult with their respective Utility Department.

Please note that the information provided herein is intended for planning use only and can change at a future time. We recommend that the FDOT contact WASD's Utility Coordination Supervisor, Patrick Chong at (786)-268-5255 or at [Patrick.Chong@miamidade.gov](mailto:Patrick.Chong@miamidade.gov) for additional coordination of the subject project.

If you have any questions, please contact me at (786) 552-8198 or Alfredo Sanchez at (786) 552-8237.

# Memorandum



**Date:** June 2, 2023

**To:** Jerry Bell, AICP, Assistant Director for Planning Division  
Miami-Dade County Department of Regulatory and Economic Resources

**From:** Maria A. Valdes, CSM, LEED® Green Associate  
Chief, Planning & Water Certification Section  
Water and Sewer Department (WASD) 

**Subject:** Comments - Advance Notification Review - ETDM # 14520  
The project is located along the Broad Causeway Bridge. The project limits extend from Broad Causeway Island to east of West Broadview Drive, within the Town of Bay Harbor Islands and the City of North Miami, in Miami-Dade County.

---

The Miami-Dade Water and Sewer Department has reviewed the area for the subject Florida Department of Transportation (FDOT) project. The project information provided by FDOT is to address the structural and functional deficiencies of the existing 0.782-mile Broad Causeway Bridge that connects the Town of Bay Harbor Islands with the City of North Miami. The feasibility of continued rehabilitation and repair versus bridge replacement will be evaluated through the Project Development and Environment (PD&E) study. The project limits extend from Broad Causeway Island to east of West Broadview Drive, within the Town of Bay Harbor Islands and the City of North Miami, in Miami-Dade County.

Based on its January 2022 Bridge Inspection Report, FDOT has determined the existing 1951 bridge is functionally obsolete, meaning the bridge was built to standards not currently in use and does not meet current design standards such as adequate lane widths, shoulder widths, or serve current or future traffic demand. The PD&E Study will evaluate bridge replacement alternatives including a new alignment adjacent to the existing bridge, or a No-Build (rehabilitation/repair) alternative. Adjustments to the width and height of the bridge will be required to bring the structure to current design standards and United States Coast Guard requirements. Future bridge concepts may also include potential provisions for new dedicated bicycle lanes, sidewalks, and guardrails for the safety of the pedestrians. Additional right-of way is not anticipated to accommodate the replacement bridge; however, specific right-of-way requirements for the project will be determined during the PD&E Study. Below, please find WASD's comments for the subject project.

**Water:** This EDTM has a section that goes through North Miami's water service area and through the Town of Bay Harbor Island water service area. WASD has a 30-inch water main along the subject corridor study area (along the Broad Causeway) that extends easterly through the Town of Bay Harbor Islands, along 96<sup>th</sup> Street. The water mains along 96<sup>th</sup> Street range between 8 to 30 inches in diameter. For information on the infrastructure located within the subject corridor study area that falls within the Town of Bay Harbor Island and the City of North Miami water service area, please consult with their respective Utility Department.

**Sewer:** This EDTM study area goes through the City of North Miami's and the Town of Bay Harbor Island's sewer service area. WASD has no sewer infrastructure along the subject corridor study area. For information on the infrastructure located within the City of North Miami's and the Town of Bay Harbor Island's sewer service area, please consult with their respective Utility Department.

Please note that the information provided herein is intended for planning use only and can change at a future time. We recommend that the FDOT contact WASD's Utility Coordination Supervisor, Patrick Chong at (786)-268-5255 or at [Patrick.Chong@miamidadegov](mailto:Patrick.Chong@miamidadegov) for additional coordination of the subject project.

If you have any questions, please contact me at (786) 552-8198 or Alfredo Sanchez at (786) 552-8237.











**APPENDIX L**  
**Crown Castle NG**

**Orellana, Jose**

---

**From:** Haskett, Danny <Danny.Haskett@crowncastle.com>  
**Sent:** Monday, July 10, 2023 4:02 PM  
**To:** Orellana, Jose  
**Subject:** RE: Broad Causeway Bridge Replacement PD&E Utility Plans (098201214)  
**Attachments:** Broad Causeway Utility Markup Sheets.pdf

Jose,

Crown Castle Fiber LLC has no facilities within the limits of the above-referenced project.

With this response, Crown Castle Fiber LLC has satisfied your request for the location of our facilities. Should you need anything more, please feel free to contact me.

Regards, Danny



Regards, Danny

**DANNY HASKETT**

## **APPENDIX M**

### **TECO Peoples Gas South Florida**

**Orellana, Jose**

---

**From:** Rivera, David <DRRivera@tecoenergy.com>  
**Sent:** Friday, June 9, 2023 4:26 PM  
**To:** Orellana, Jose  
**Cc:** Jensen, Ryan M  
**Subject:** RE: Broad Causeway Bridge Replacement PD&E Utility Plans (098201214)  
**Attachments:** TECO Mark Ups (6-9-23).pdf

Good afternoon,

Hope this e-mail finds you well.

Attached you will find the marked TECO plans.

Should you have any further questions please feel free to contact me

Thank you,

*David Rivera*

*Gas Design Project Manager*



O. 954.453.0794

F. 954.453.0804

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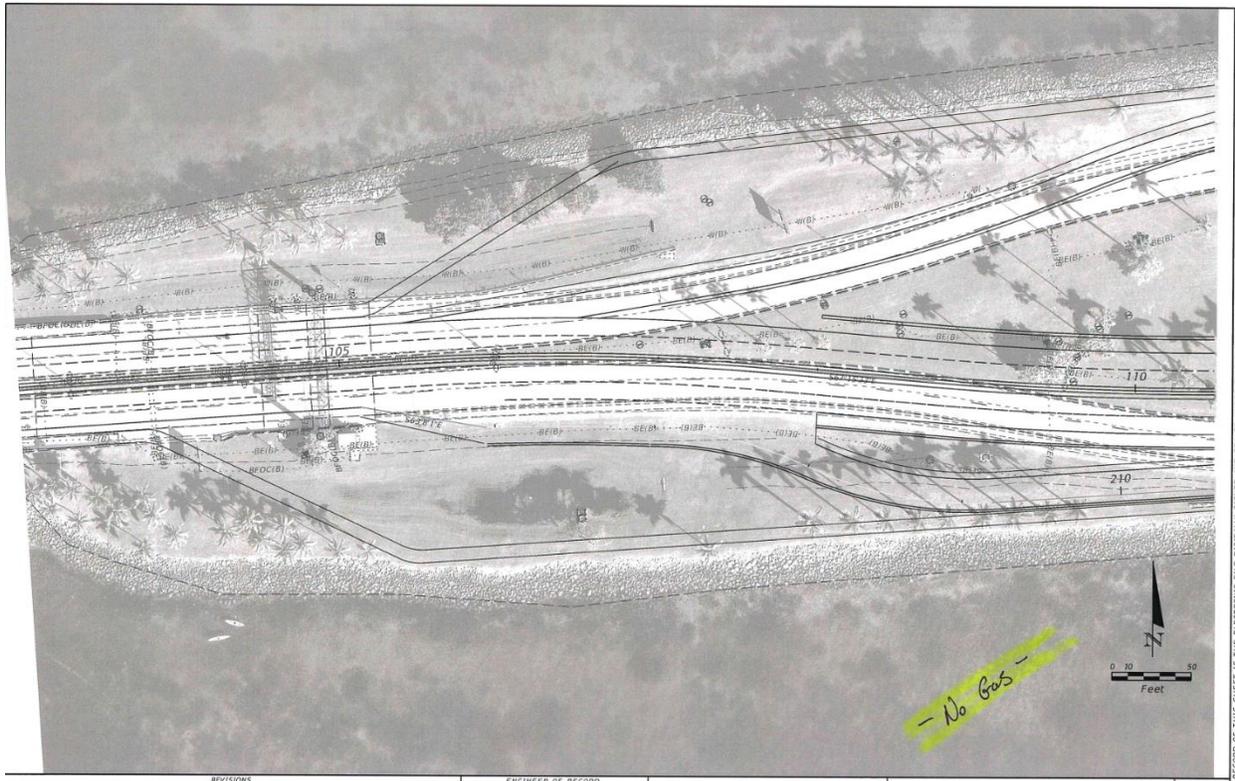
---

**From:** Orellana, Jose <Jose.Orellana@atkinsglobal.com>  
**Sent:** Friday, June 9, 2023 9:03 AM  
**To:** Rivera, David <DRRivera@tecoenergy.com>  
**Cc:** Jensen, Ryan M <Ryan.Jensen@atkinsglobal.com>  
**Subject:** Broad Causeway Bridge Replacement PD&E Utility Plans (098201214)

**CAUTION - External Email**

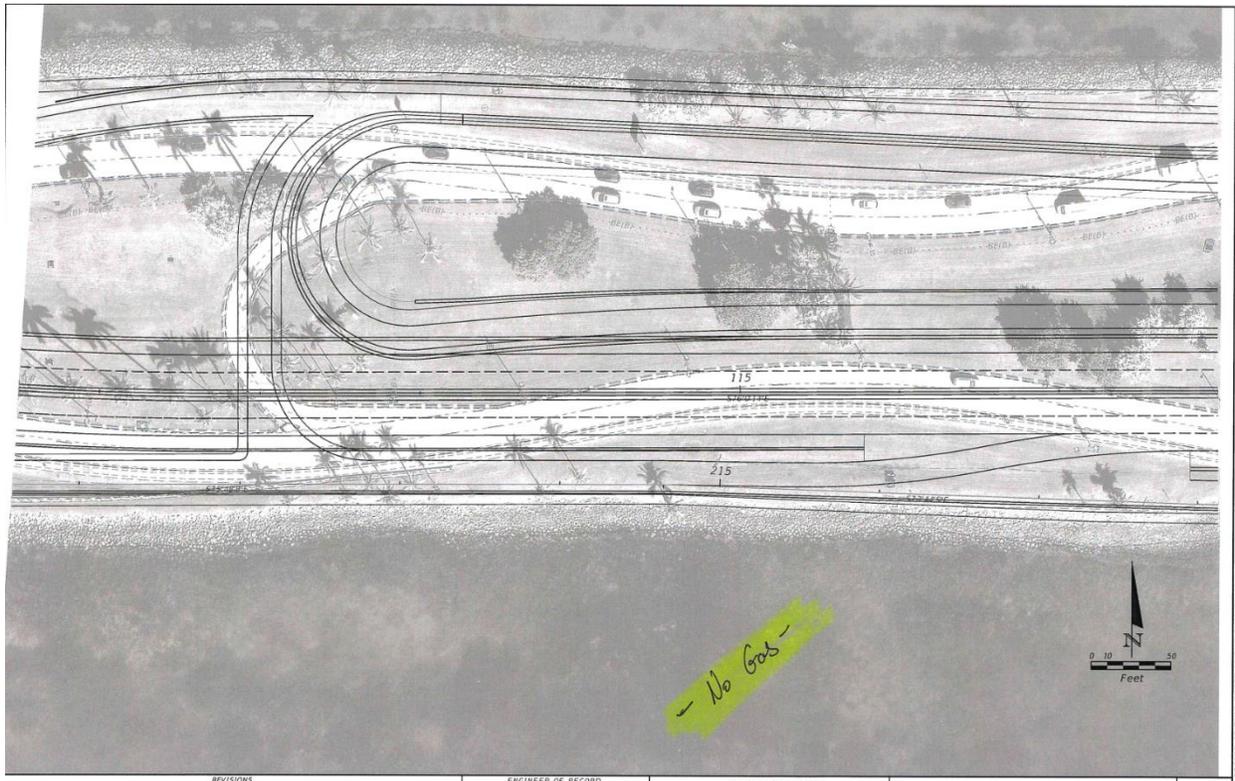
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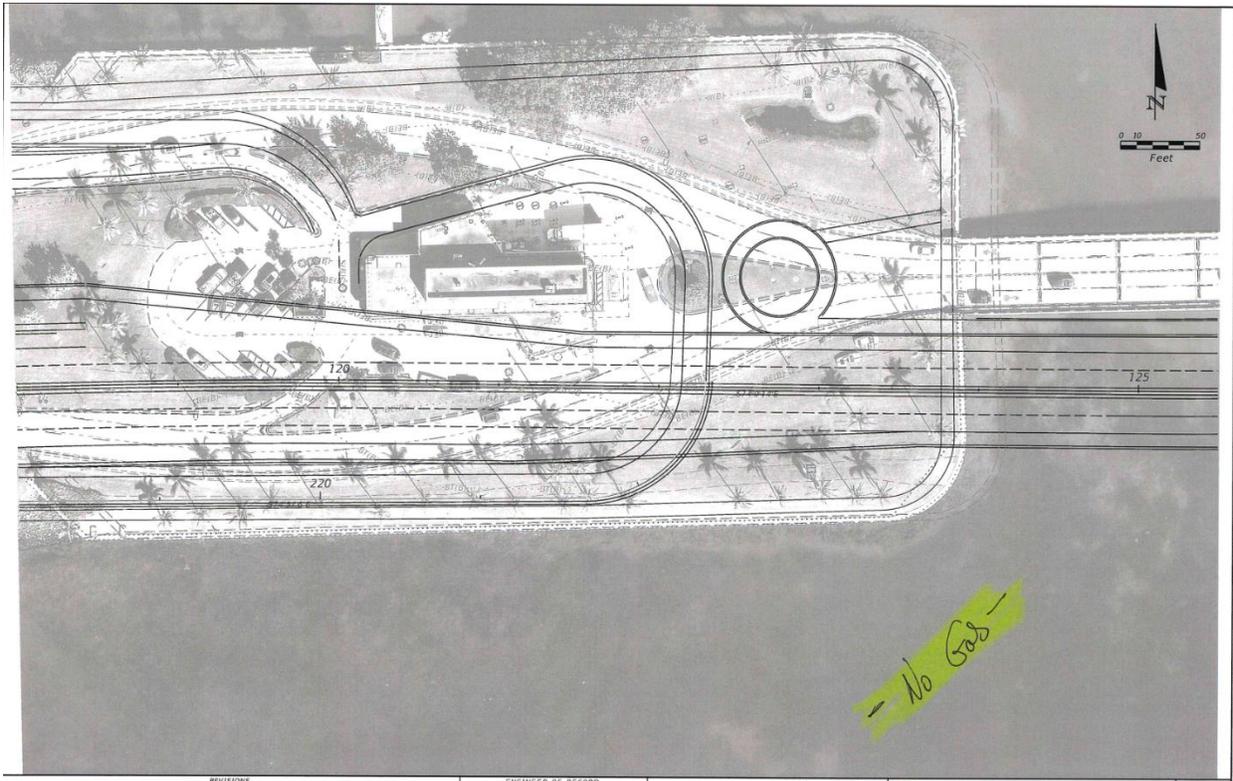
REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA			UTILITY SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DEPARTMENT OF TRANSPORTATION	ROAD NO.	COUNTY		
				RYAN H. JENSEN, PE	BCB	MIAMI-DADE	452428-1-21-01	Plan 1
				LICENSE NUMBER: 86609 ALTIUS NORTH AMERICA 200 WATERBURY WAY SUITE 700 MIAMI, FL 33126				

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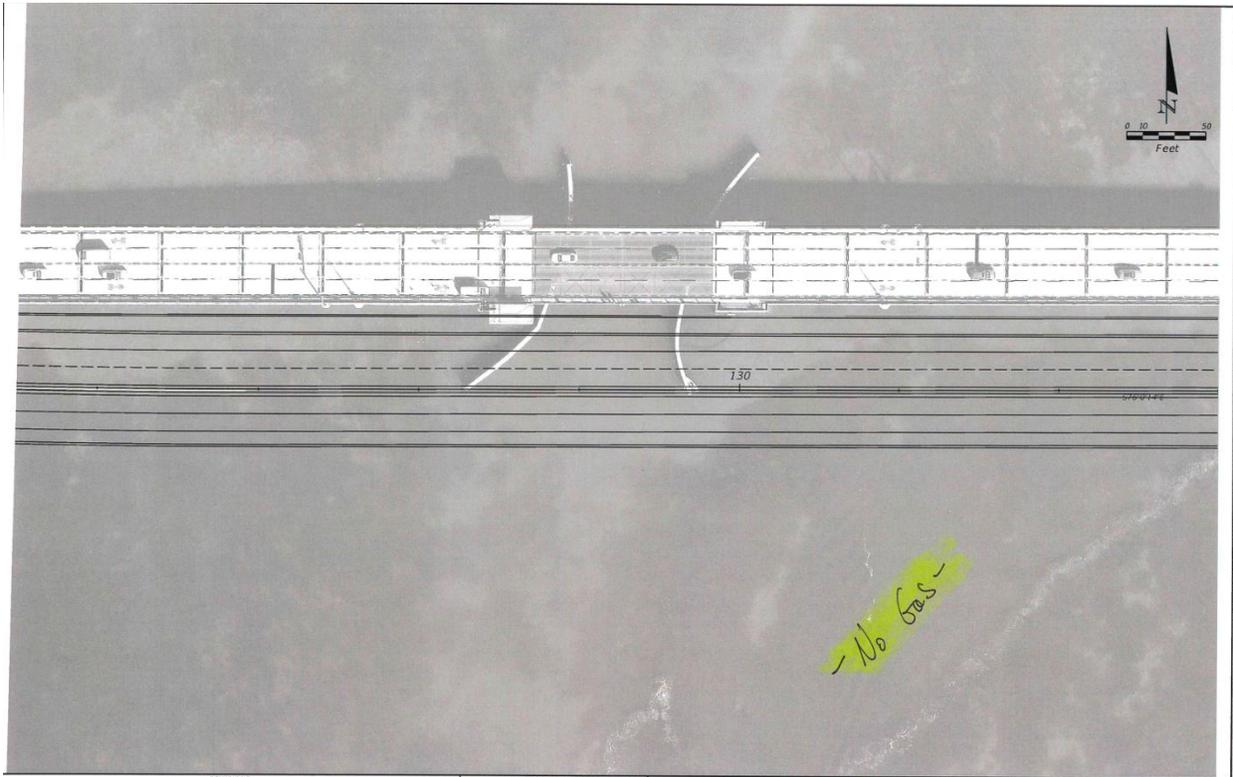
REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA			UTILITY SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				BCB	MIAMI-DADE	452428-21-01	Plan 2	

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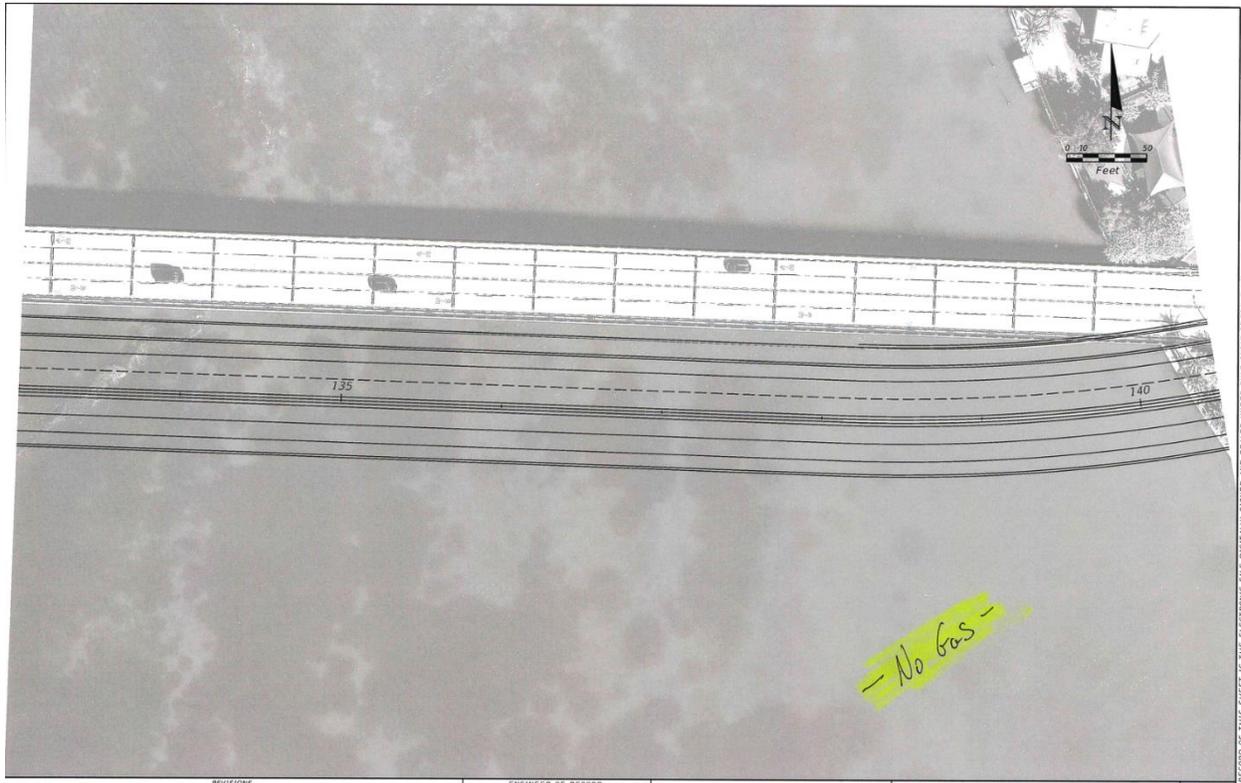
REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		Plan 3
				BCB	MIAMI-DADE	452428-1-21		

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REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA			UTILITY SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				BCB	MIAMI-DADE	452428-1-21	Plan 4	

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REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA			UTILITY SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DEPARTMENT OF TRANSPORTATION				
				ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				BCB	MIAMI-DADE	452428-1-21-01	Plan 5	

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REVISIONS		DESCRIPTION		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY SHEET		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN H. JENSEN, P.E. LICENSE NUMBER: 86609 ATKINS NORTH AMERICA 800 WATERFORD WAY, SUITE 700 MIAMI, FL 33126		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			Plan 6
						BCB	MIAMI-DADE	452428-1-21-01			

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**APPENDIX N**  
**AT&T/Distribution**

**Orellana, Jose**

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**From:** FONT, IBRAIN <if452r@att.com>  
**Sent:** Tuesday, August 1, 2023 11:52 AM  
**To:** Orellana, Jose  
**Cc:** LOW, STEVE  
**Subject:** RE: Broad Causeway Bridge Replacement PD&E Utility Plans (098201214)  
**Attachments:** Mark-Ups Broad Causeway Utility Markup Sheets (S).pdf; cond115.tif

Good Morning Jose,

Attached please find our Mark-Ups & Records for the Area, Please let us know in case you need anything else.

Thank You very much.

Ibrain A Font  
Right of Way Engineer  
Miami Dade & Monroe County  
Mgr. OSP PIng & Eng Design  
ACE – East Region, Florida Construction & Engineering  
305-990-6499

---

**From:** Orellana, Jose <Jose.Orellana@atkinsglobal.com>  
**Sent:** Tuesday, July 25, 2023 4:36 PM  
**To:** FONT, IBRAIN <if452r@att.com>  
**Subject:** RE: Broad Causeway Bridge Replacement PD&E Utility Plans (098201214)

Good Afternoon Ibrain,

I have actually attached the markup sheets to this email. Please do the markups in this file and email it back to this email.

Thank you,

Jose Orellana  
Engineer I  
United States  
Engineering, Design and Project Management

 (305)-514-3263  (772)-342-4515



800 Waterford Way, 7th Floor, Miami, FL 33126

---

**From:** FONT, IBRAIN <[if452r@att.com](mailto:if452r@att.com)>  
**Sent:** Tuesday, July 25, 2023 3:15 PM  
**To:** Orellana, Jose <[Jose.Orellana@atkinglobal.com](mailto:Jose.Orellana@atkinglobal.com)>  
**Subject:** RE: Broad Causeway Bridge Replacement PD&E Utility Plans (098201214)  
**Importance:** High

Good afternoon Jose,

If is not too much to ask can you re-send us the link? *Please make sure that we can re-upload the Mark-ups.*

Thank You very much.

Ibrain A Font  
Right of Way Engineer  
Miami Dade & Monroe County  
Mgr. OSP Plng & Eng Design  
ACE – East Region, Florida Construction & Engineering  
305-990-6499

---

**From:** LOW, STEVE <[sl4504@att.com](mailto:sl4504@att.com)>  
**Sent:** Friday, July 21, 2023 10:15 AM  
**To:** FONT, IBRAIN <[if452r@att.com](mailto:if452r@att.com)>; URENA, HENRY <[hu083j@att.com](mailto:hu083j@att.com)>  
**Subject:** RE: Broad Causeway Bridge Replacement PD&E Utility Plans (098201214)

Ibrain,

Morning. Did you do the markup on this one? If so I need it ASAP, if not I need it ASAP.

Yours Truly,

Steve Low  
Mgr. OSP Plng & Eng Design, , ACE, South Florida Engineering and Construction  
SR Government Projects Coordinator Miami Dade & Monroe County

AT&T

600 NW 79th Ave, Room 356, 3B063  
O: 305-341-0968  
M :305-607-8201 E: [sl4504@att.com](mailto:sl4504@att.com)

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**From:** URENA, HENRY <[hu083j@att.com](mailto:hu083j@att.com)>  
**Sent:** Friday, June 9, 2023 11:02 AM  
**To:** LOW, STEVE <[sl4504@att.com](mailto:sl4504@att.com)>  
**Subject:** RE: Broad Causeway Bridge Replacement PD&E Utility Plans (098201214)

Ok thanks I sent it to terra

**Henry Urena**

Manager Outside Planning & Engineering Design  
ACE – East Region, Florida Construction & Engineering  
**AT&T**  
600 NW 79<sup>th</sup> Ave, Room 360  
Miami, FL 33126  
O: 305.913.1408  
M: 954.260.0615 | [hu083j@att.com](mailto:hu083j@att.com)

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**From:** LOW, STEVE <[sl4504@att.com](mailto:sl4504@att.com)>  
**Sent:** Friday, June 9, 2023 11:02 AM  
**To:** URENA, HENRY <[hu083j@att.com](mailto:hu083j@att.com)>  
**Subject:** RE: Broad Causeway Bridge Replacement PD&E Utility Plans (098201214)

I checked with Dist VI, they don't have this project at all.

**Steve Low**

Mgr. OSP Plng & Eng Design, AT&T, South Florida Engineering and Construction

AT&T

600 NW 79th Ave, Room 356, 3B063  
O: 305-341-0968

M :305-607-8201 E: [sl4504@att.com](mailto:sl4504@att.com)

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**From:** URENA, HENRY <[hu083j@att.com](mailto:hu083j@att.com)>  
**Sent:** Friday, June 9, 2023 10:37 AM  
**To:** LOW, STEVE <[sl4504@att.com](mailto:sl4504@att.com)>  
**Subject:** RE: Broad Causeway Bridge Replacement PD&E Utility Plans (098201214)

I think this one is a FDOT project not pinecrest



ECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTIL.
	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
TE 700	BCB	MIAMI-DADE	452428-1-21-01	

---

**Henry Urena**  
Manager Outside Planning & Engineering Design  
ACE – East Region, Florida Construction & Engineering  
**AT&T**  
600 NW 79<sup>th</sup> Ave, Room 360  
Miami, FL 33126  
O: 305.913.1408  
M: 954.260.0615 | [hu083j@att.com](mailto:hu083j@att.com)

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**From:** LOW, STEVE <[sl4504@att.com](mailto:sl4504@att.com)>  
**Sent:** Friday, June 9, 2023 9:29 AM  
**To:** Orellana, Jose <[Jose.Orellana@atkinglobal.com](mailto:Jose.Orellana@atkinglobal.com)>; URENA, HENRY <[hu083j@att.com](mailto:hu083j@att.com)>

Cc: Jensen, Ryan M <[Ryan.Jensen@atkinglobal.com](mailto:Ryan.Jensen@atkinglobal.com)>  
Subject: RE: Broad Causeway Bridge Replacement PD&E Utility Plans (098201214)

Regreably I do not handle this area. I am forwarding your request to Mr. Henry Urena ([hu083j@att.com](mailto:hu083j@att.com)) for processing. For faster processing in the future, please forward all inquires for Miami Dade County Government Initiated Projects and all Municipalities within Miami Dade County to Mr. Urean and he will be happy to assist you. For non Government Initiated Projects please send your inquires to AT&T Florida 811 Engineering Group mailbox at [g27896@att.com](mailto:g27896@att.com).

Henry,

Please see attached for a Municipality markup request. Thanks.

[Steve Low](#)

Mgr. OSP Plng & Eng Design, AT&T, South Florida Engineering and Construction

[AT&T](#)

600 NW 79th Ave, Room 356, 3B063

O: 305-341-0968

M :305-607-8201 E: [sl4504@att.com](mailto:sl4504@att.com)

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---

**From:** Orellana, Jose <[Jose.Orellana@atkinglobal.com](mailto:Jose.Orellana@atkinglobal.com)>

**Sent:** Friday, June 9, 2023 9:04 AM

**To:** LOW, STEVE <[sl4504@att.com](mailto:sl4504@att.com)>

**Cc:** Jensen, Ryan M <[Ryan.Jensen@atkinglobal.com](mailto:Ryan.Jensen@atkinglobal.com)>

**Subject:** Broad Causeway Bridge Replacement PD&E Utility Plans (098201214)

Hello Steve,

The Town of Bay Harbor Islands is conducting a PD&E study for the replacement of the Broad Causeway Drawbridge connecting the Town of Bay Harbor Islands with the City of North Miami, within Miami-Dade County. The bridge is part of State Road 922 (SR 922) (Broad Causeway), a roadway classified as "Urban Minor Arterial". This arterial also begins in Bal Harbour/Surfside and connects those commuters to the mainland. The specific limits of the project extend from the Broad Causeway Island (25°53'19.41"N, 80° 8'54.52"W) on the West side and (25°53'11.30"N, 80° 8'18.93"W) to the East at the intersection with West Broadview Drive. The Bridge Identification (ID) Number is 875101. Additional project information is below:

State Road No.: 922  
FM No.: 425428-1-21-01  
County(s): Miami-Dade County  
Bridge ID: 875101  
Sunshine 811: 098201214

Utilities owned by you may require relocation or adjustment as required by this project.

Please mark the set of plans linked to designate the type and location of your existing facilities and the approximate boundaries of easement or other compensable interest in lands that you now hold along or across the proposed highway right-of-way. It is important that this set of marked prints be returned to our office by July 13th, 2023. Marked plans should be returned to me at [Ryan.Jensen@atkinglobal.com](mailto:Ryan.Jensen@atkinglobal.com).

UTILITY PLANS-<https://filetransferma.atkinglobal.com/link/YRTS7R5Vo4KevRH2Oc37X4>

If any of your utility relocation work qualifies for reimbursement, you will receive specific authorization to proceed with preliminary engineering at a later date. Any expense incurred by your agency will not be eligible for reimbursement unless and until a formal contract is executed. Payment for this work is contingent upon legislative appropriation and where applicable, federal authorization has been received.

Please also advise us if you do not have any existing or planned utility installations within the limits of this project.

If you have questions regarding the information in this transmittal please do not hesitate to contact me by phone at 954-903-3614, or via email.

Please let me know if you have any questions.

Thank you,

**Jose Orellana**

Engineer I  
United States  
Engineering, Design and Project Management

(305)-514-3263  (772)-342-4515

800 Waterford Way, 7th Floor, Miami, FL 33126



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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY SHEET	SHEET NO.	
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN M. JENSEN, PE LICENSE NUMBER: 88609 ATKINS NORTH AMERICA 800 WATERFORD WAY SUITE 700 MIAMI, FL 33126		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		Plan 1	
						BCB	MIAMI-DADE	452426-1-21-01			



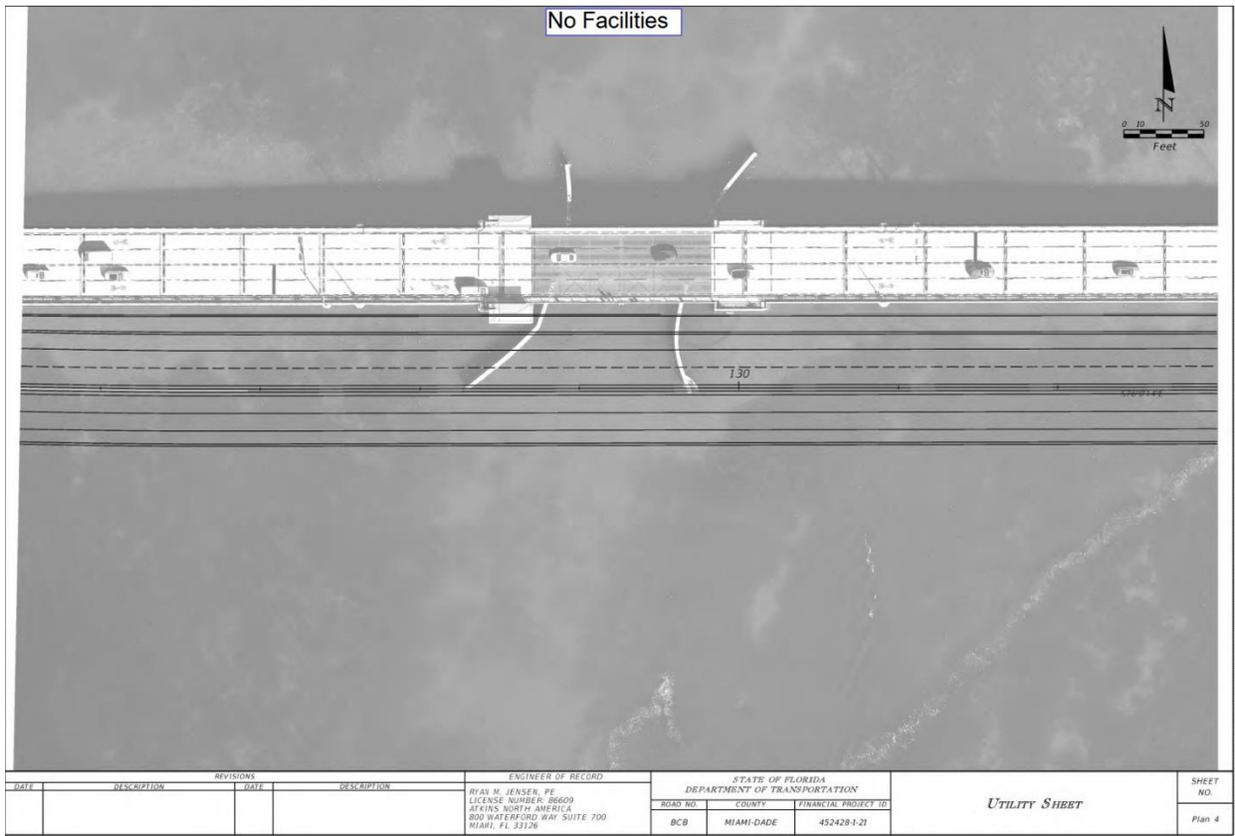
REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		Plan 2
				RYAN W. JENSEN, PE LICENSE NUMBER: 86609 ATKINS NORTH AMERICA 800 WATERFORD WAY SUITE 700 MIAMI, FL 33126	BCB	MIAMI-DADE	452428-1-21-01	

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DATE		REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY SHEET		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	RYAN W. JENSEN, PE LICENSE NUMBER: 86609 ATKINS NORTH AMERICA 800 WATERFORD WAY SUITE 700 MIAMI, FL 33126		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			Plan 3
						BCB	MIAMI-DADE	452428-1-21			

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REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		Plan 4
				RYAN W. JENSEN, PE LICENSE NUMBER: 86609 ATKINS NORTH AMERICA 800 WATERFORD WAY SUITE 700 MIAMI, FL 33126	BCB	MIAMI-DADE	452428-1-21	



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REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		Plan 5
				RYAN M. JENSEN, PE LICENSE NUMBER: 96609 ATKINS NORTH AMERICA 800 WATERFORD WAY SUITE 700 MIAMI, FL 33126	BCB	MIAMI-DADE	452428-1-21-01	



REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA			UTILITY SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DEPARTMENT OF TRANSPORTATION	ROAD NO.	COUNTY		
				RYAN W. JENSEN, PE LICENSE NUMBER: 86609 ATKINS NORTH AMERICA 800 WATERFORD WAY SUITE 700 MIAMI, FL 33176	BCB	MIAMI DADE	452428-1-21-01	Plan 6

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