

DRAFT UTILITY ASSESSMENT PACKAGE

Florida Department of Transportation

District One

S.R. 789 (Longboat Key) PD&E Study

Limits of Project: From North Shore Road to Coquina Park Entrance

Manatee County, Florida

Financial Management Number: 436676-1-22-01

ETDM Number: 14382

Date: February 2026

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

# Utility Assessment Package

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# 1.0 Utility Assessment

## 1.1 Utility Summary

The purpose of the Utility Assessment is to identify the type, location, and ownership of the existing utilities within the limits of the study area and to assess their impacts with the proposed facility. The utility information used in this assessment was obtained from field reviews, as-built plan information from previous projects in the area, as well as information provided by the utility companies. This package documents the results of the Utility Assessment component of the PD&E Study.

As a result of the data collected and a design ticket from Sunshine 811, ten utility companies were identified. (Bright House Networks, Comcast, Florida Power & Light Distribution, Florida Power & Light Transmission, Frontier Communications, Longboat Key Utilities, Manatee County Transportation, Manatee County Utility Operations, MCI, and TECO Peoples Gas). Two of these utility companies, Bright House Networks and Florida Power & Light Transmission, indicated they do not have facilities within the limits of the study. Of the remaining nine, nine have potential for conflict.

## 1.2 Utility Agency/Owner (UAO's) Contacted

### **Bright House Networks**

Mr. James Fleming  
Construction Supervisor  
5413 E S.R. 64  
Bradenton, FL 34208  
(941) 748-3816 x2024051  
[james.fleming1@charter.com](mailto:james.fleming1@charter.com)

### **Comcast**

Mr. Kevin Miller  
Construction Specialist 2  
5205 Fruitville Road  
Sarasota, FL 34232  
(239) 318-1411  
[Kevin\\_miller6@comcast.com](mailto:Kevin_miller6@comcast.com)

### **Florida Power & Light – Distribution**

Mr. Brian Garver  
Relocations Coordinator  
1253 12<sup>th</sup> Avenue East  
Palmetto, FL 34221  
(941) 723-4442  
[greg.coker@fpl.com](mailto:greg.coker@fpl.com)

### **Florida Power & Light – Transmission**

Mr. Ralph Diaz  
UAO Representative  
700 Universal Boulevard Dept TS4/JW  
Juno Beach, FL 33408  
(561) 904-3617  
[ralph.diaz@fpl.com](mailto:ralph.diaz@fpl.com)

### **Frontier Communications**

Ms. Denise Hutton  
OSP Senior Engineer  
1701 Ringling Boulevard  
Sarasota, FL 34236  
(941) 906-6722  
[denise.hutton@ftr.com](mailto:denise.hutton@ftr.com)

## 1.2 Utility Agency/Owner (UAO's) Contacted

### Long Boat Key Utilities

Mr. Juan Florensa  
Utilities Director  
600 Harris Street  
Longboat Key, FL 34228  
(941) 316-1988  
[jflorensa@longboatkey.org](mailto:jflorensa@longboatkey.org)

### Manatee County – Transportation

[mukunda.fopalakrishna@mymanatee.org](mailto:mukunda.fopalakrishna@mymanatee.org)

### Manatee County – Utility Operations

Mr. Scott May  
County Engineer  
1022 26<sup>th</sup> Avenue East  
Bradenton, FL 34208  
(941) 708-7450 x7650  
[Scott.may@mymanatee.org](mailto:Scott.may@mymanatee.org)

### MCI

Mr. Michael Krol  
Engineering  
7701 E Telecom Parkway  
Temple Terrace, FL 33637  
(813) 410-4803  
[michael.krol@verizon.com](mailto:michael.krol@verizon.com)

### TECO Peoples Gas

Mr. Anthony Baublitz  
Project Manager  
8261 Vico Court  
Sarasota, FL 34240  
(941) 342-4025  
[afbaublitz@tecoenergy.com](mailto:afbaublitz@tecoenergy.com)

<i>Table 1-1</i>		
<i>Utility Agency/Owners</i>	<i>Description of Existing Utilities (UAOs contacted 6/30/2020)</i>	<i>Estimated Relocation Cost</i>
Comcast	<ol style="list-style-type: none"> <li>1. Comcast has underground facilities running east along the north side of N. Shore Rd. that turn north along the west side of S.R. 789 and ending approximately 200' north of the N. Shore Rd. and S.R. 789 intersection.</li> <li>2. Comcast has underground facilities that cross from the west side of S.R. 789 to the east side of S.R. 789 approximately 100' north of N. Shore Rd.</li> <li>3. Comcast has underground facilities coming from a pedestal approximately 100' north of N. Shore Rd. that runs north and south along the east side of S.R. 789 for approximately 100' in both directions before ending.</li> </ol>	According to Historical Item Average Cost Polyvinyl Chloride approximately \$100/foot
Frontier	<ol style="list-style-type: none"> <li>1. Frontier has 1 – 4" PVC containing fiber at the southeast corner of the Firehouse Court and S.R. 789 intersection that runs west crossing S.R. 789 to Firehouse Court.</li> <li>2. Frontier has 2 – 4" PVC containing fiber starting 540' south of Firehouse Court running north along the east side of S.R. 789 until reaching a 3'x5' handhole approximately 520' north of N. Shore Rd.</li> <li>3. Frontier has 1 – 4" PVC line containing fiber approximately 520' north of N. Shore Rd. running north on the east side of S.R. 789 that becomes a subaqueous 4" HDPE line after approximately 20'. This subaqueous 4" HDPE line continues north, east of S.R. 789, ending approximately 700' after exiting the water.</li> <li>4. Frontier has 1 – 4" PVC line approximately 700' north of exiting the water that runs north along the east side of S.R. 789 until exiting the project limits.</li> <li>5. Frontier has a buried copper line approximately 580' north of the water that runs north along the east side of S.R. 789 until exiting the project limits.</li> <li>6. Frontier has a buried copper line that crosses from the east side of S.R. 789 to the west side approximately 860' north of the water. This line continues north along the west side of S.R. 789 until exiting the project limits.</li> </ol>	According to Historical Item Average Cost Polyvinyl Chloride approximately \$100/foot
Florida Power & Light – Distribution	<ol style="list-style-type: none"> <li>1. Florida Power &amp; Light has a 13KV overhead electric line on both the north and south side of S.R. 789 that exit the project limits to the north and south.</li> </ol>	Approximately \$10,000 per pole

Florida Power & Light – Distribution	2. Florida Power & Light has a 13KV subaqueous line on the east side of S.R. 789 reaching both ends of the bridge.	
Manatee County Utilities	<ol style="list-style-type: none"> <li>1. Manatee County has a 16” DIP water line that begin approximately 650’ north of the water that runs north along the east side of S.R. 789 until exiting the project limits.</li> <li>2. Manatee County has a 2” unknown water line that crosses from the east side of S.R. 789 to west side approximately 1070’ north of the water.</li> <li>3. Manatee County has a 1.5” Polyvinyl Chloride line approximately 760’ north of the water that crosses from the east side of S.R. 789 to the west side and continues west exiting the project limits.</li> <li>4. Manatee County has a 1.25” Polyvinyl Chloride line approximately 760’ north of the water that runs north along the east side of S.R. 789 for approximately 660’.</li> </ol>	According to Historical Item Average Cost 16” DIP approximately \$500/foot Polyvinyl Chloride approximately \$100/foot
MCI	1. MCI has two existing 2” HDPE conduit running north along the west side of S.R. 789 throughout the entirety of the project limits.	Approximately \$16,500
TECO Peoples Gas	1. TECO Peoples Gas has a 6” coated steel pipe running north and south along the west side of S.R. 789 that exits the project in both directions and is subaqueous for the duration of the bridge.	According to Historical Item Average Cost 6” steel approximately \$250/foot
Town of Longboat Key	<ol style="list-style-type: none"> <li>1. Town of Longboat Key has a water main at N. Shore Rd. crossing from the east side of S.R. 789 to the west and continues west exiting the project limits.</li> <li>2. Town of Longboat Key has a water main south of N. Shore Rd. that runs north along the east side of S.R. 789 that runs north until going subaqueous. The 16” subaqueous flexible joint ductile iron water main continues north ending at the north end of the bridge.</li> <li>3. Town of Longboat Key has a 4” force main crossing from the west side of S.R. 789 to east side at the N. Shore Rd. intersection that then continues north for approximately 200’.</li> <li>4. Town of Longboat Key has an 8” waste water line on the east side of S.R. 789 that runs north for approximately 170’ before ending.</li> </ol>	Unresponsive

### 1.3 Existing Utilities Summary

1. **Comcast** – Comcast has underground facilities within the limits of the study corridor at N. Shore Rd that crosses from the west to the east side of S.R. 789 and run north for approximately 300’ before exiting the project limits
2. **Frontier** – Frontier has underground copper and fiber facilities within the limits of the study corridor primarily running north along the east side of S.R. 789 with one line on the west side of S.R. 789 starting just north of the bridge at Coquina Beach Park.
3. **Florida Power & Light (Distribution)** – Florida Power & Light Distribution has aerial and subaqueous 13KV facilities within the limits of the study corridor with the aerial on both the east and west side of S.R. 789 and the subaqueous line on the east side of the bridge.
4. **Manatee County Utilities** – Manatee County has a 16” DIP WM, a 2” WM and a 1.5” PVC WM running along the east side of S.R. 789. Manatee County owns property for the Manatee County Marine Rescue Facility on the north side of the bridge.
5. **MCI** – MCI has two 2” HDPE lines within the limits of the study running north along the west side of S.R. 789 throughout the entirety of the project limits.
6. **TECO Peoples Gas** – TECO Peoples Gas has a 6” coated steel pipe within the limits of the study corridor running north and south along the west side of S.R. 789 that exits the project in both directions and is subaqueous for the duration of the bridge.
7. **Town of Longboat Key** – Town of Longboat Key has a 16” and 4” water main within the limits of the study corridor with the 16” WM on the east side of S.R. 789 starting at the south end of the project limits and ending just north of the bridge and the 4” WM crossing to the east side of S.R. 789 at N Shore Rd and ending just south of the bridge.

### 1.4 Unresponsive UAO’s

1. Manatee County Transportation has been unresponsive through the duration of the PD&E study with the initial contact notifications sent 6/30/2020 and a second notification on 1/8/2021.

## **1.5 Mitigation Recommendations**

1. Most of the UAOs have the capability to adjust their services without causing major inconvenience to their customers. Mitigation measures should include minimizing service diS.R.ptions, allowing service diS.R.ptions only during periods of minimum usage and installing alternative or new services before disconnecting the existing service.

## **1.6 Discussion of UAO's Likely to Enter into a Utility Work by Highway Contractor Agreement (UWHCA) with Manatee County**

1. There were no responses from the UAO's in regards to entering into a utility work by highway contractor agreement (UWHCA) with Manatee County. All UAO's were requested to provide a response.

## **1.7 UAO's Contacted but Not Affected by Proposed Project**

1. Bright House Networks has no facilities within the project limits.
2. Florida Power & Light Transmission has no facilities within the project limits.

## **APPENDIX A – SUNSHINE 811 DESIGN TICKET**

Ticket : 043605749 Rev:000 Taken: 02/12/26 13:47ET

State: FL Cnty: MANATEE GeoPlace: LONGBOAT KEY  
CallerPlace: LONGBOAT KEY  
Subdivision:

Address :  
Street : SR 789  
Cross 1 : N SHORE RD  
Within 1/4 mile: Y  
Cross 2 : COQUINA BEACH

Locat: DESIGN LOCATE BOTH SIDES OF SR 789 ROW TO ROW FROM N SHORE RD TO COQUINA BEACH ENTRANCE

:  
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.

\*\*\* LOOKUP BY MANUAL \*\*\*

\*\*\* Boundary: n 27.448612 s 27.438599 w -82.690449 e -82.685202

:  
Grids : 2726A8241C 2726B8241C 2726B8241D 2726C8241D

Work date: 02/12/26 Time: 13:47ET Hrs notc: 000 Category: 6 Duration: UNKNOWN  
Due Date : 02/16/26 Time: 23:59ET Exp Date : 03/16/26 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 : ELEMENT ENGINEERING LLC Type: CONT  
Co addr : 8509 E BENJAMIN RD  
Co addr2: SUITE E  
City : TAMPA State: FL Zip: 33605  
Caller : CONNOR GALLAGLY Phone: 813-852-1888  
BestTime: 5-7  
Email : CGALLAGLY@OMNI-COMMUNICATIONS.COM

Design

Submitted: 02/12/26 13:47ET Oper: CON Chan: WEB  
Mbrs : ATTF01 CTV413 FPLMAN FPLSUB GT1722 HC1660 LK2564 LKU342 MCIU01 MCT589  
Mbrs : MCTYPW PGSSAR VW2324

There are 1 attachment(s) which can be viewed at:

[https://exactix.sunshine811.com/viewticket/FL811/SjjQIZw0QwjxEY9\\_mI8xN9YI](https://exactix.sunshine811.com/viewticket/FL811/SjjQIZw0QwjxEY9_mI8xN9YI)

\* Responses are current as of 02/12/2026 01:47 PM

<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	AT T ATTF01	COMMUNICATION LINES, FIBER	KEVIN TALECKI / MIKE GAMBOA (610) 200-3365	THE NATIONAL DISPATCH CENTER (800) 252-1133	THE NATIONAL DISPATCH CENTER (800) 252-1133	
No	COMCAST CTV413	CATV	CHAD EVENER (941) 356-1564		HFC HELP DESK (855) 962-8525	
No	FLORIDA POWER & LIGHT-MANATEE FPLMAN	ELECTRIC	FPL CABLE LOCATIONS- DISTRIBUTION SDD/MPE - EDGAR.AGUILAR@FP JAMIE.PURNELL@FPL		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	FRONTIER COMMUNICATIONS GT1722	CATV, COMMUNICATION LINES	DANIEL DILIELLO (941) 504-9662	KYLE PERKINS (727) 313-6167	AFTER HOURS CRAIG ELLISON, USIC. (800) 575-5594	
No	HOTWIRE COMMUNICATIONS HC1660	CATV, FIBER, TELEPHONE	FERNADO MORALES (954) 296-7765	RALPH HERRERA (954) 628-7023	NOC / OAIS HASSANZADA (CALL IF NO RESPONSE FROM NOC) (561) 288-9188 x6	
No	LONGBOAT KEY UTILITIES LK2564	ELECTRIC, FIBER	GUY MATRICCIANI (941) 316-1988	JOHN MICHAEL	JOHN MICHAEL	
No	LONGBOAT KEY UTILITIES LKU342	WASTEWATER, WATER	JOE SAMBLANET (941) 316-6411 x2216	JOE SAMBLANET (941) 316-6411 x2216	SARASOTA DISPATCH Design 1977	
No	MCI MCIU01	COMMUNICATION LINES, FIBER	MONICA HUTTO	NATIONAL FIBER SECURITY DEPARTMENT (800) 624-9675	NATIONAL FIBER SECURITY DEPARTMENT (800) 624-9675	
No	MANATEE COUNTY TRANSPORTATION DEPARTMENT MCT589	TRAFFIC LIGHTS, TRAFFIC SIGNALS	UTILITY DESIGN REQUESTS (941) 792-8811	JAMES HILL (941) 348-7112	ANTHONY WILLIAMS (941) 792-8811 x5081	
No	MANATEE COUNTY UTILITY OPERATIONS MCTYPW	RECLAIMED WATER, SEWER, WATER	UTILITY DESIGN REQUESTS (941) 792-8811	JAMES HILL (941) 348-7112	ANTHONY WILLIAMS (941) 792-8811 x5081	
No	TECO PEOPLES GAS- SARASOTA PGSSAR	GAS	BRIANA VELEZ (813) 275-3700 x8326	JARED ELY (813) 743-7807	TECO-PEOPLES GAS CUSTOMER SERVICE (877) 832-6747	

No

VERIZON WIRELESS FIBER  
VW2324

NICK WIEKLINSKI

STAKE CENTER  
LOCATING  
DISPATCHER\*\*  
(801) 364-1063

NATIONAL FACILITY  
LOCATE CENTER  
(800) 624-9675

Design

## **APPENDIX B – INFORMATION RECEIVED FROM UAOs**

# Comcast

COMPONENTS OF CONTRACT PLANS SET

ROADWAY PLANS

A DETAILED INDEX APPEARS ON THE  
KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2 - 10	BASE MAP

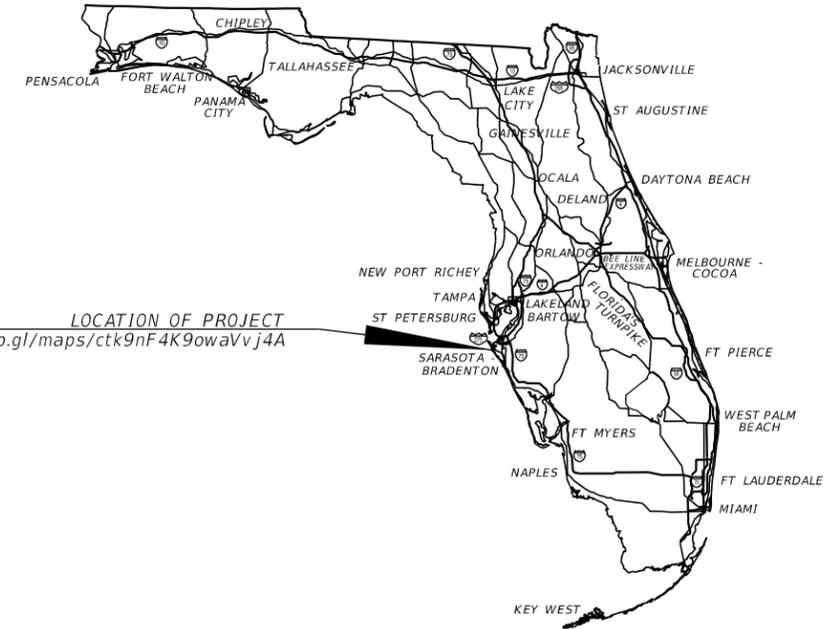
STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

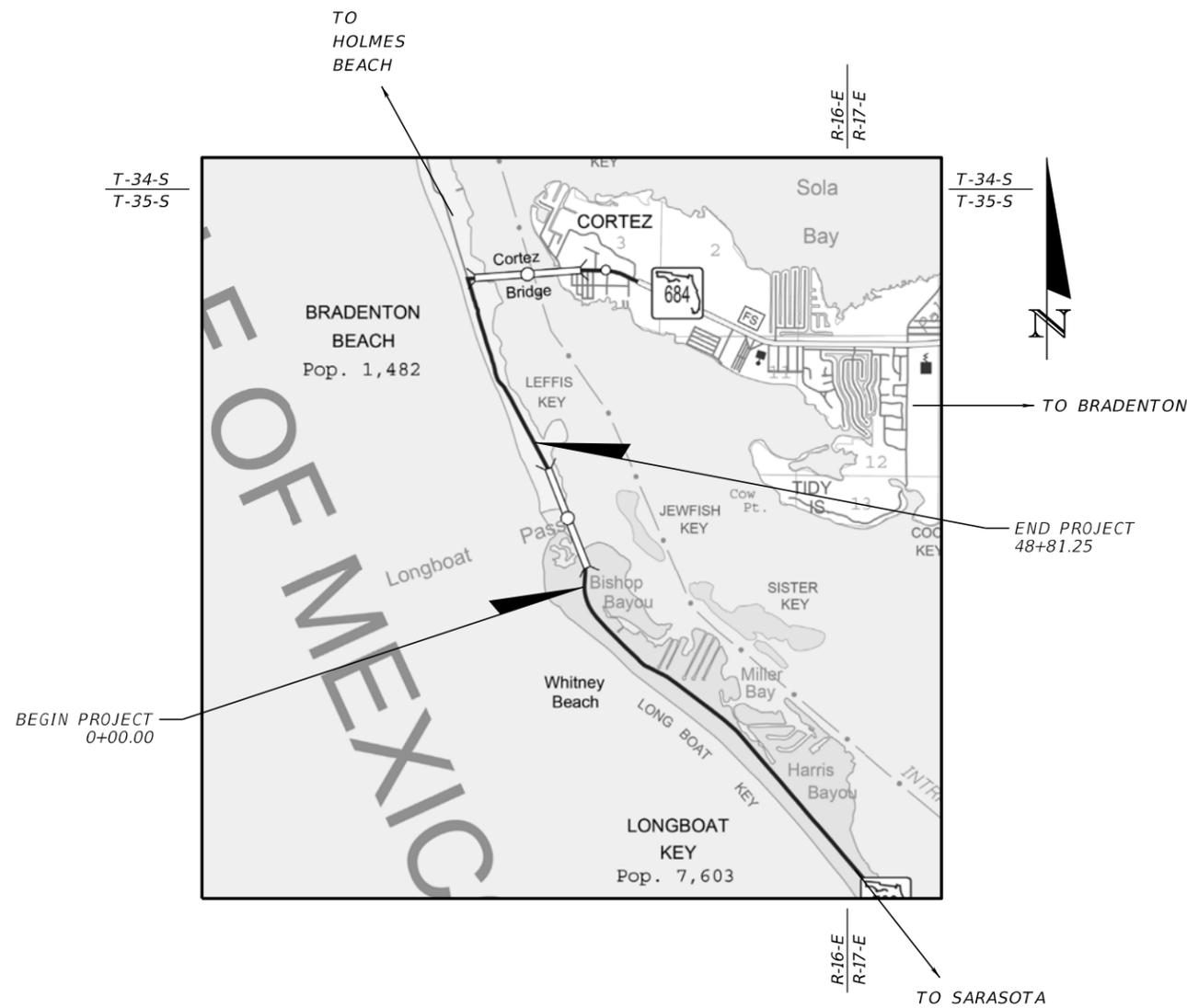
FINANCIAL PROJECT ID 436676-1-22-01

MANATEE COUNTY (13080)

STATE ROAD NO. 789



LOCATION OF PROJECT  
<https://goo.gl/maps/ctk9nF4K9owaVvj4A>



ROADWAY PLANS  
ENGINEER OF RECORD:

BRIAN BRANTLEY, P.E.  
P.E. LICENSE NUMBER 62390  
SCALAR CONSULTING GROUP, INC.  
13337 NORTH 56th STREET  
TAMPA, FL 33617  
CONTRACT NO.: CA793  
VENDOR NO.: 451909667

FDOT PROJECT MANAGER:

PATRICK BATEMAN, P.E.

COMCAST 7-14-2020

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
TBD	20	1



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REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	BASE MAP			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION					
				789	MANATEE	436676-1-22-01		

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 D = 06°59'45"  
 T = 169.23  
 L = 333.77  
 R = 819.00  
 PC STA. = 126+38.06  
 PT STA. = 129+71.84  
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DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				789	MANATEE	436676-1-22-01		



NO COMCAST FACILITIES

NO COMCAST FACILITIES

133

134

135

136

137

138

LONGBOAT KEY (SR 789)



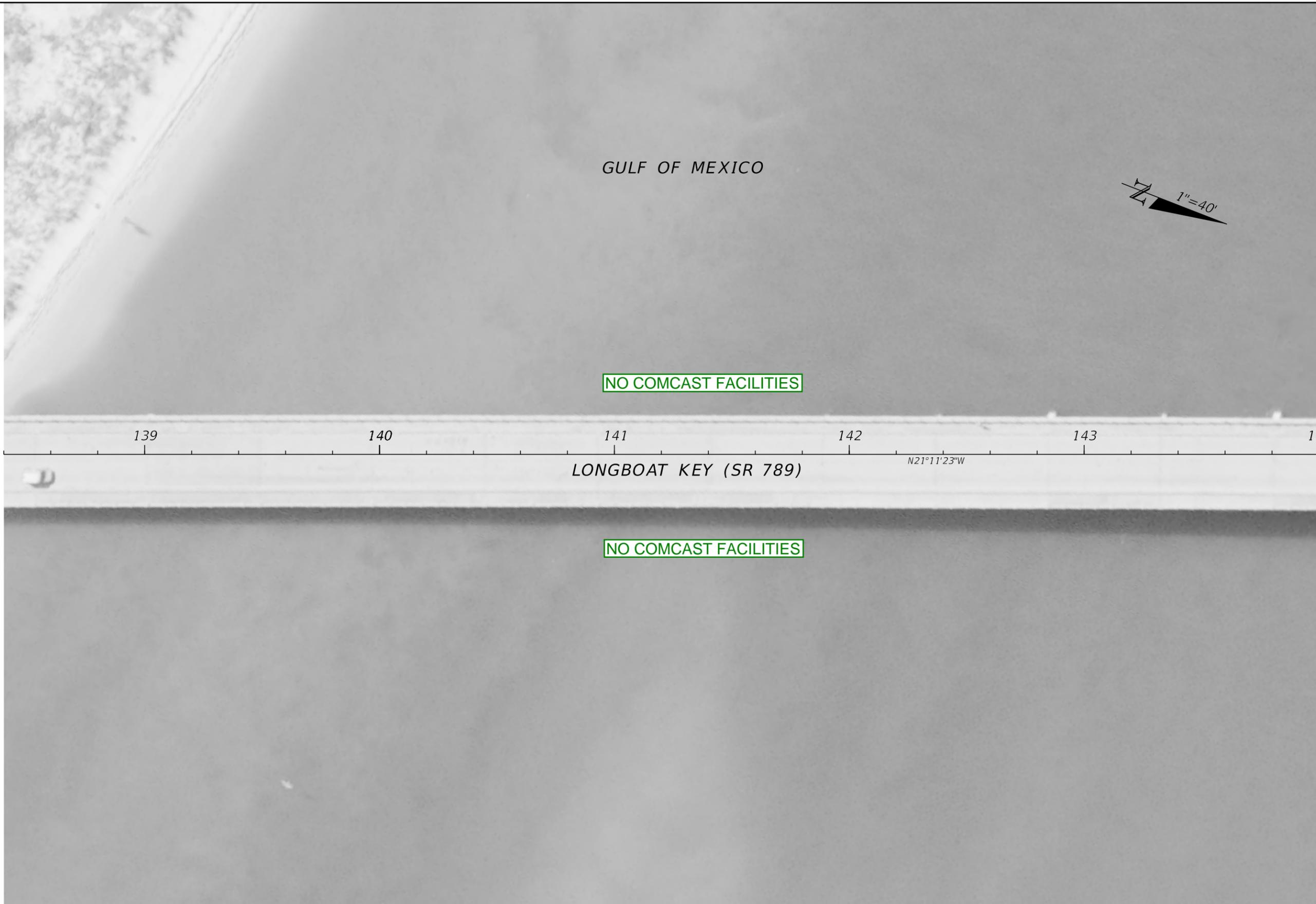
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
789	MANATEE	436676-1-22-01

*BASE MAP*

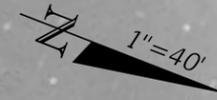
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DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				789	MANATEE	436676-1-22-01		5

GULF OF MEXICO



NO COMCAST FACILITIES

144 145 146 147 148 149

LONGBOAT KEY (SR 789)

NO COMCAST FACILITIES

LONGBOAT PASS

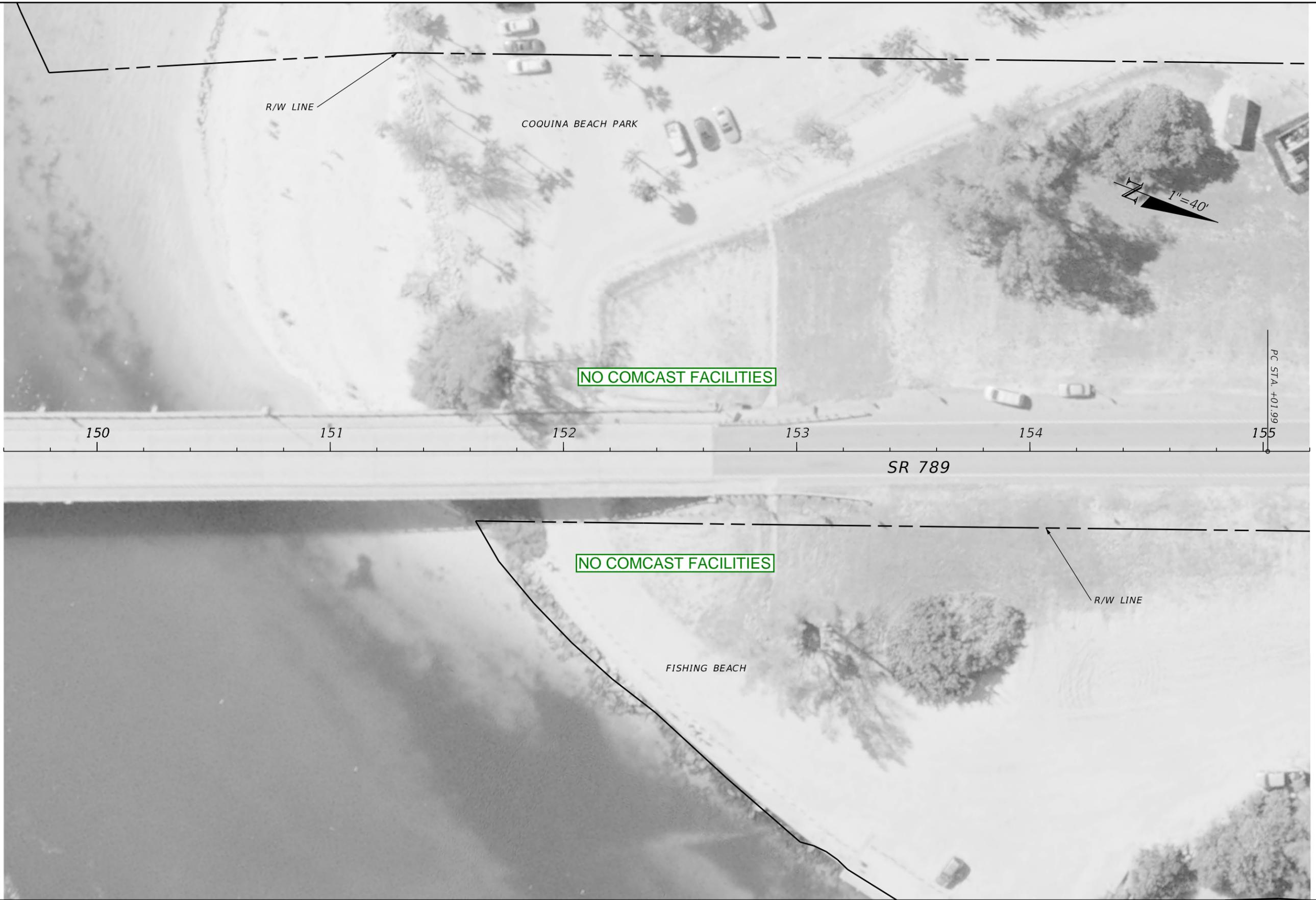
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
789	MANATEE	436676-1-22-01

BASE MAP

SHEET NO.  
6



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
789	MANATEE	436676-1-22-01

BASE MAP

SHEET NO.  
 7



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
789	MANATEE	436676-1-22-01

<p style="font-size: 24pt; font-weight: bold;">BASE MAP</p>
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SHEET NO.
8



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
789	MANATEE	436676-1-22-01

<h2>BASE MAP</h2>
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SHEET NO.
9



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
789	MANATEE	436676-1-22-01

<h2>BASE MAP</h2>
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SHEET NO.
10

# Frontier

COMPONENTS OF CONTRACT PLANS SET  
ROADWAY PLANS

A DETAILED INDEX APPEARS ON THE  
KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2 - 10	BASE MAP

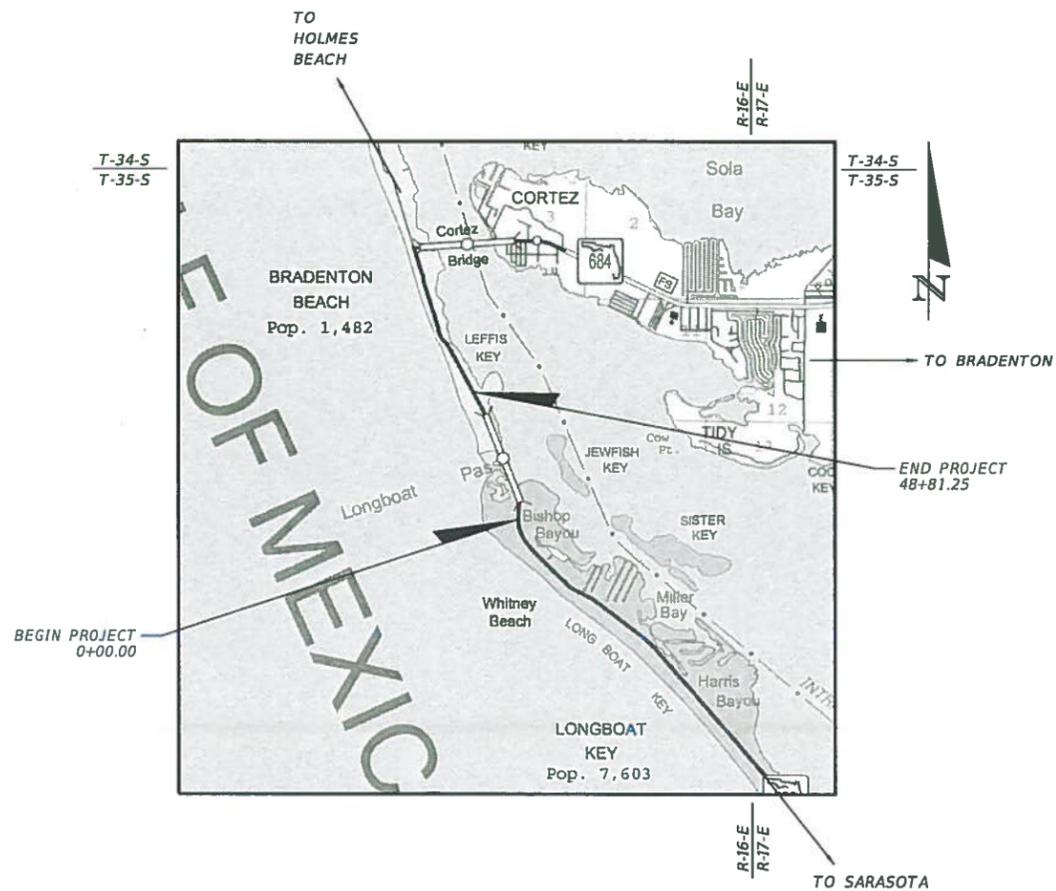
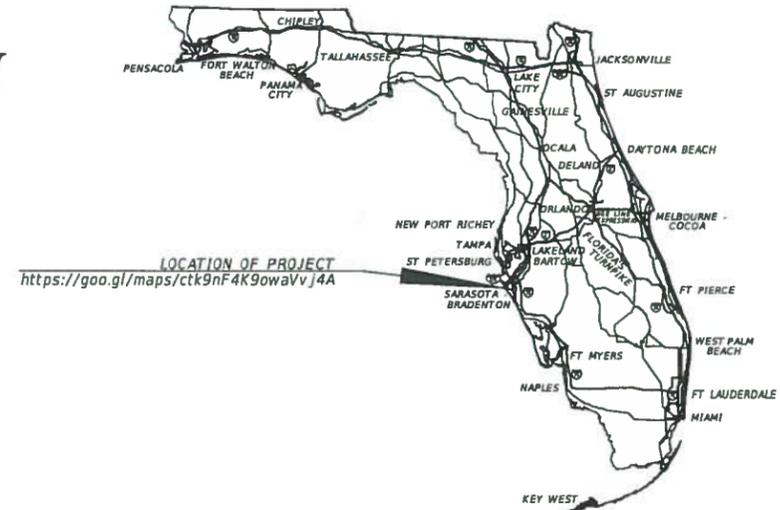
STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID 436676-1-22-01

MANATEE COUNTY (13080)

STATE ROAD NO. 789



FRONTIER  
7-11-20

ROADWAY PLANS  
ENGINEER OF RECORD:

BRIAN BRANTLEY, P.E.  
P.E. LICENSE NUMBER 62390  
SCALAR CONSULTING GROUP, INC.  
1337 NORTH 56th STREET  
TAMPA, FL 33617  
CONTRACT NO.: CA793  
VENDOR NO.: 451909667

FDOT PROJECT MANAGER:  
PATRICK BATEMAN, P.E.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
TBD	20	1

6/17/2020 10:51:50 AM IgnacioAlmagro  
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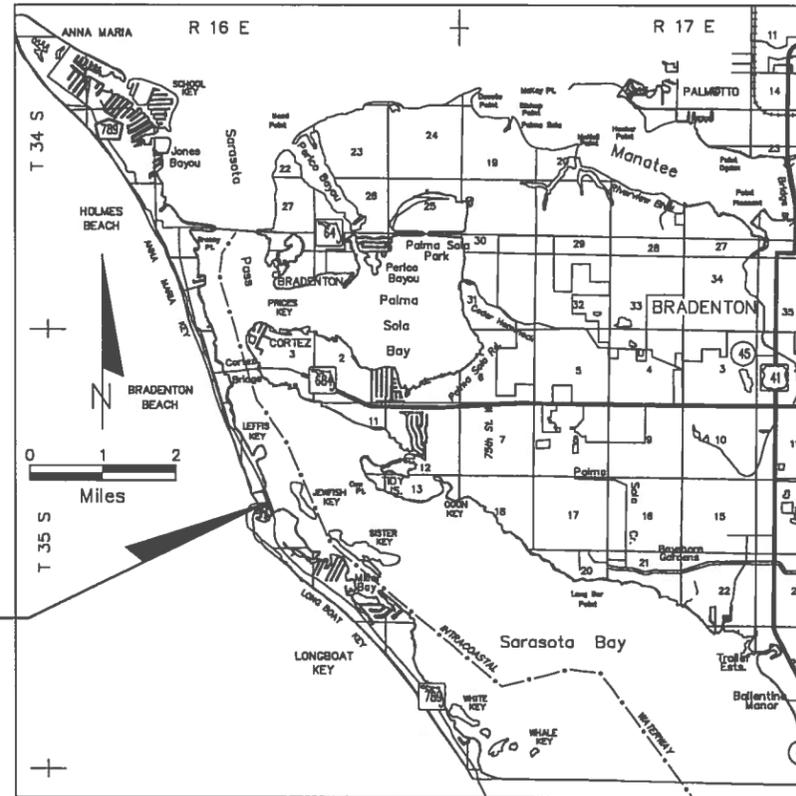
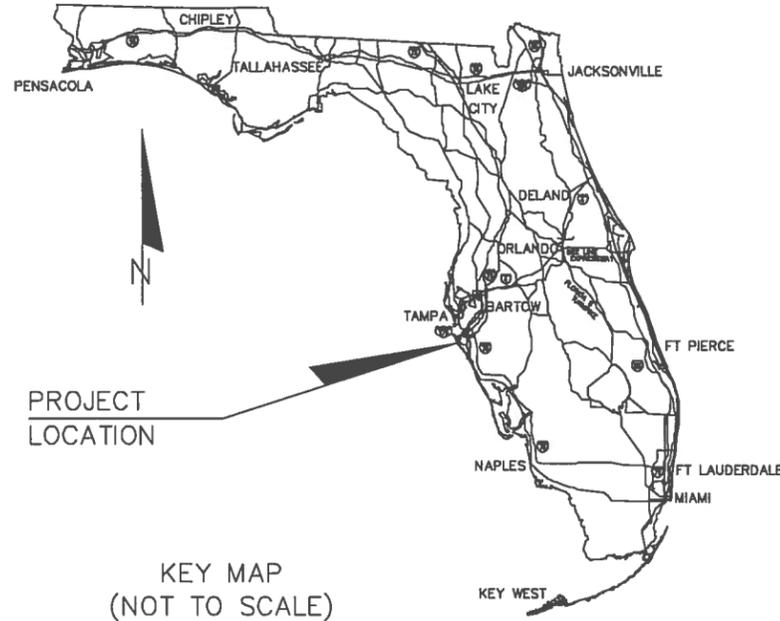
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

# AS-BUILT SURVEY OF

SUBMERGED VERIZON FIBER-OPTIC LINE BENEATH  
LONGBOAT PASS  
LYING IN A PORTION OF FRACTIONAL SECTION 15,  
TOWNSHIP 35 SOUTH, RANGE 16 EAST  
MANATEE COUNTY, FLORIDA

## SURVEYOR'S NOTES:

1. THE SURVEY DATE IS APRIL 27, 2015.
2. THIS IS AN AS-BUILT SURVEY AS DEFINED IN CHAPTER 5J-17.050(10)(a) OF THE FLORIDA ADMINISTRATIVE CODE.
3. THIS SURVEY MAP AND REPORT OR THE COPIES THEREOF ARE NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.
4. ADDITIONS OR DELETIONS TO SURVEY MAPS OR REPORTS BY OTHER THAN THE SIGNING PARTY OR PARTIES IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY OR PARTIES.
5. COPYRIGHT © 2015 BY MACSURVEY, INC.
6. THE BEARINGS SHOWN UPON THIS SURVEY ARE BASED ON THE INVERSE BETWEEN NATIONAL GEODETIC SURVEY (NGS) CONTROL POINT "GIS 106" AND FLORIDA DEPARTMENT OF NATURAL RESOURCES CONTROL POINT "1384 B05" BEING S24°18'56"E. THESE BEARINGS ARE REFERENCED TO THE FLORIDA STATE PLAN COORDINATE SYSTEM (WEST ZONE) GRID.
7. THE COORDINATE SYSTEM UTILIZED HEREON IS RELATIVE TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, WEST ZONE, NORTH AMERICAN DATUM OF 1983, 2011 ADJUSTMENT AS ESTABLISHED USING REAL-TIME KINEMATIC GLOBAL POSITIONING SYSTEM ("RTK GPS") SURVEY METHODS USING THE PUBLIC FLORIDA DEPARTMENT OF TRANSPORTATION'S FLORIDA PERMANENT REFERENCE NETWORK ("FPRN"). ALL DISTANCES SHOWN HEREON ARE IN US SURVEY FEET.
8. AERIAL IMAGERY SHOWN HEREON WAS PROVIDED BY FDEP AND IS SHOWN FOR INFORMATIONAL PURPOSES. THE IMAGERY WAS FLOWN IN 2014.
9. THIS SURVEY WAS PREPARED FOR THE SPECIFIC PURPOSE OF LOCATING AND MAPPING THE BUOYS MARKING AN EXISTING BURIED VERIZON FIBER OPTIC LINE BENEATH LONGBOAT PASS AND TYING IT TO ABOVE GROUND SURVEY CONTROL.
10. BUOYS WERE SET AND THE UTILITY LOCATION WAS DETERMINED UNDERWATER BY DIVE-TECH, INC. THROUGH VISUAL AND MAGNETIC TONE METHODS. BUOYS WERE SURVEYED BY PLUMBING THE BUOY LINE ABOVE ITS ANCHOR, HOWEVER THE SUBAQUEOUS FACILITY WAS NOT DIRECTLY SURVEYED. THESE FACTORS NEED TO BE TAKEN INTO CONSIDERATION AS TO THE ACCURACY OF THE UTILITY'S POSITION AND UTILIZING THIS DATA.



VICINITY MAP

CONTROL POINT TABLE

#	DESCRIPTION	NORTHING	EASTING	NGS PID
1	MANATEE COUNTY GIS DISK IN CONCRETE STAMPED "GIS 106"	1132621.041'	432524.818'	AG9211
2	FLORIDA DEPARTMENT OF NATURAL RESOURCES DISK STAMPED "1384 B05"	1131815.992'	432888.573'	N/A
3	FLORIDA DEPARTMENT OF NATURAL RESOURCES DISK IN CONCRETE STAMPED "13 84 B06"	1129656.303'	433690.009'	N/A
4	USACE DISK ON BRIDGE STAMPED "MCBE 22 JACKSONVILLE FLA 1968"	1129801.451'	433594.461'	DL1838

### LEGEND:

- = CONTROL POINT
- = SURVEY MONUMENTATION (AS DESCRIBED)
- = BUOY MARKER AS LOCATED

CHRISTOPHER P. MCLAUGHLIN  
PROFESSIONAL SURVEYOR AND MAPPER  
FLORIDA CERTIFICATE No. 6614  
FOR THE FIRM MACSURVEY, INC.

**AS-BUILT SURVEY OF**  
SUBMERGED VERIZON FIBER OPTIC LINE BENEATH  
LONGBOAT PASS  
MANATEE COUNTY, FLORIDA

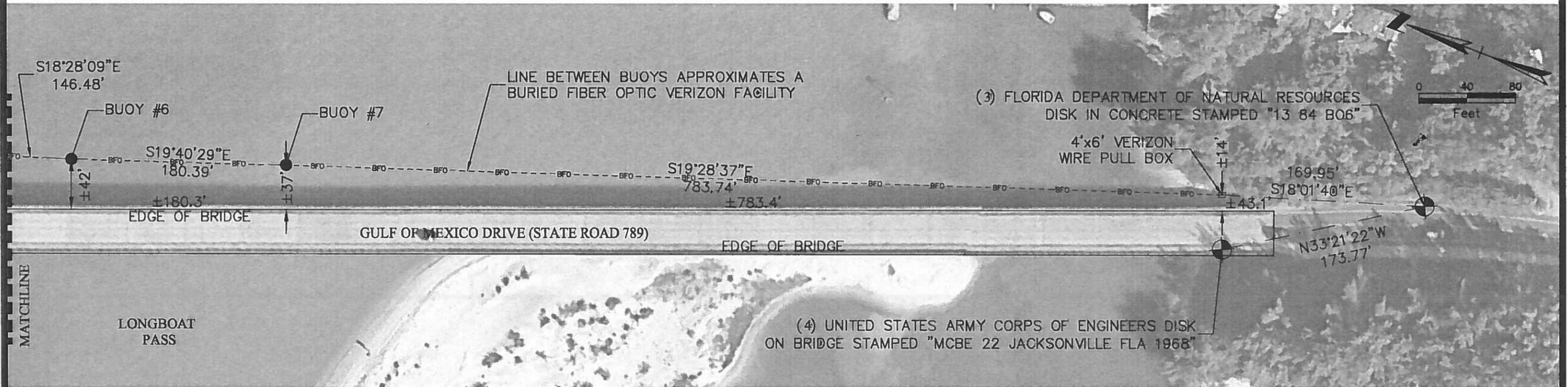
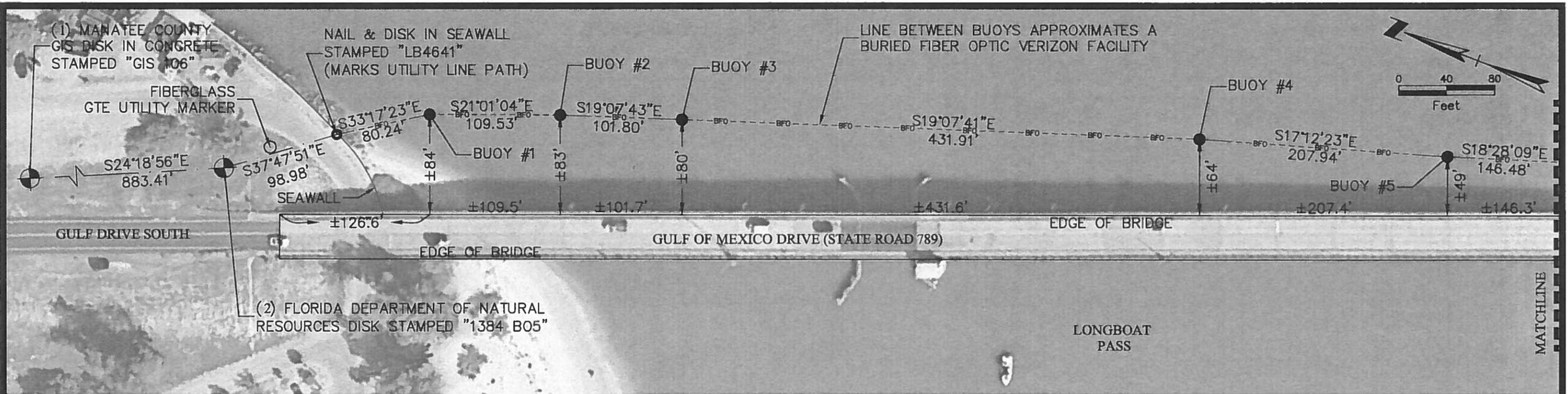
**MacSurvey, Inc.**

22091 US HWY 19 N, CLEARWATER, FL 33765  
FLORIDA LICENSED SURVEYING & MAPPING  
BUSINESS (LB) No. 7929  
(727) 725-3269 phone  
info@macsurvey.com email

CAD E:\Projects\2015\2015-009 VZN Longboat Key Pass\dwg

REF E:\Projects\2015\2015-009 VZN Longboat Key Pass

FLD	CM/MS	FB. 3	PG. 4	JOB	2015-009
OFF	MS			DATE	05/06/2015
CKD	CM	SHEET	1 OF 2	DWG	2015-009AB01

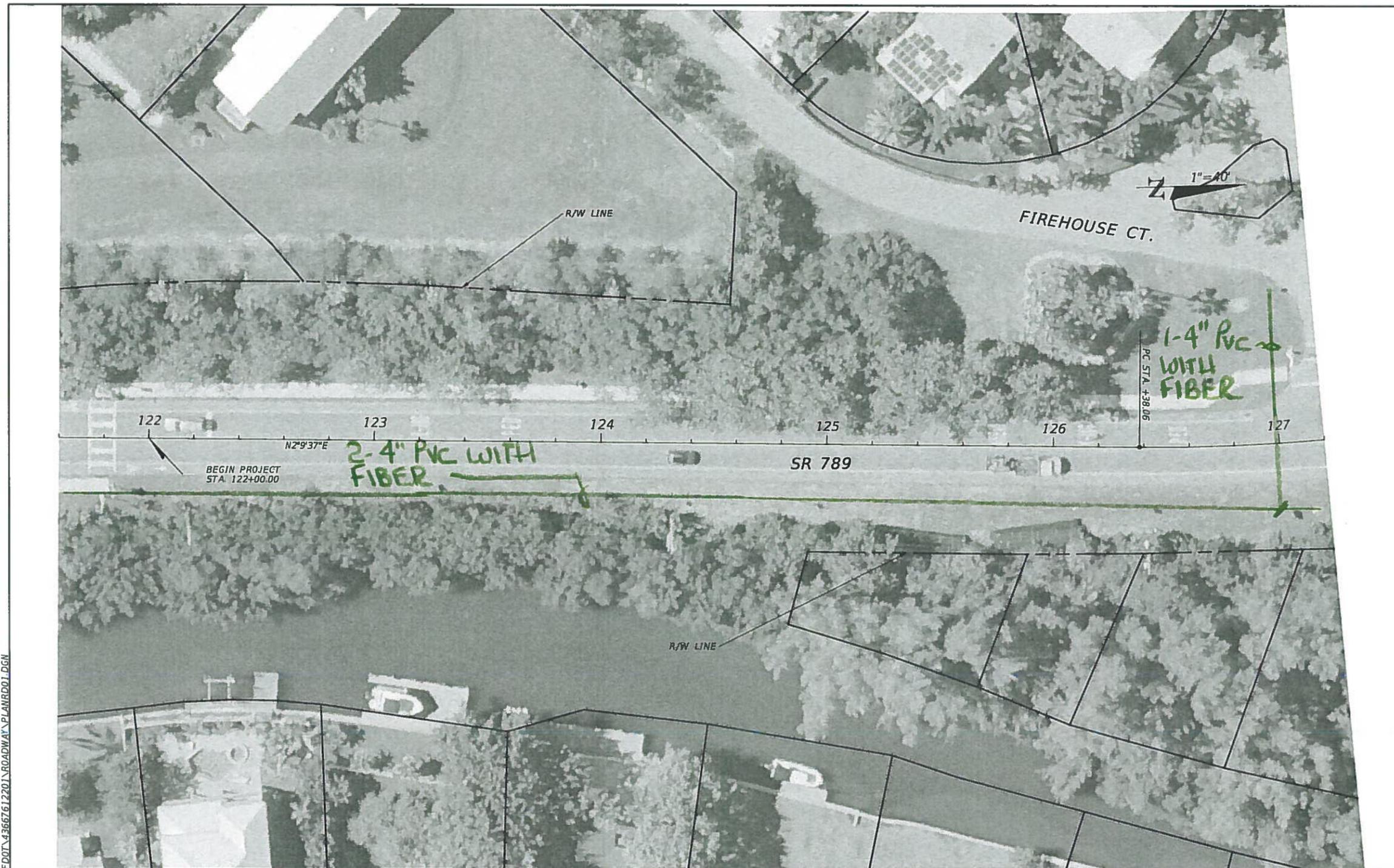


CHRISTOPHER P. MCLAUGHLIN  
 PROFESSIONAL SURVEYOR AND MAPPER  
 FLORIDA CERTIFICATE No. 6614  
 FOR THE FIRM MACSURVEY, INC.

**AS-BUILT SURVEY OF**  
 SUBMERGED VERIZON FIBER OPTIC LINE BENEATH  
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CAD		E:\Projects\2015\2015-009 VZN Longboat Key Pass\dwg	
REF		E:\Projects\2015\2015-009 VZN Longboat Key Pass	
FLD	CM/MS	FB. 3	PG. 4
OFF	MS	JOB 2015-009	
CKD	CM	DATE 05/06/2015	
		SHEET 2 OF 2	DWG 2015-009AB01



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
789	MANATEE	436676-1-22-01

**BASE MAP**

SHEET NO.
2



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REVISIONS	
DATE	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
789	MANATEE	436676-1-22-01

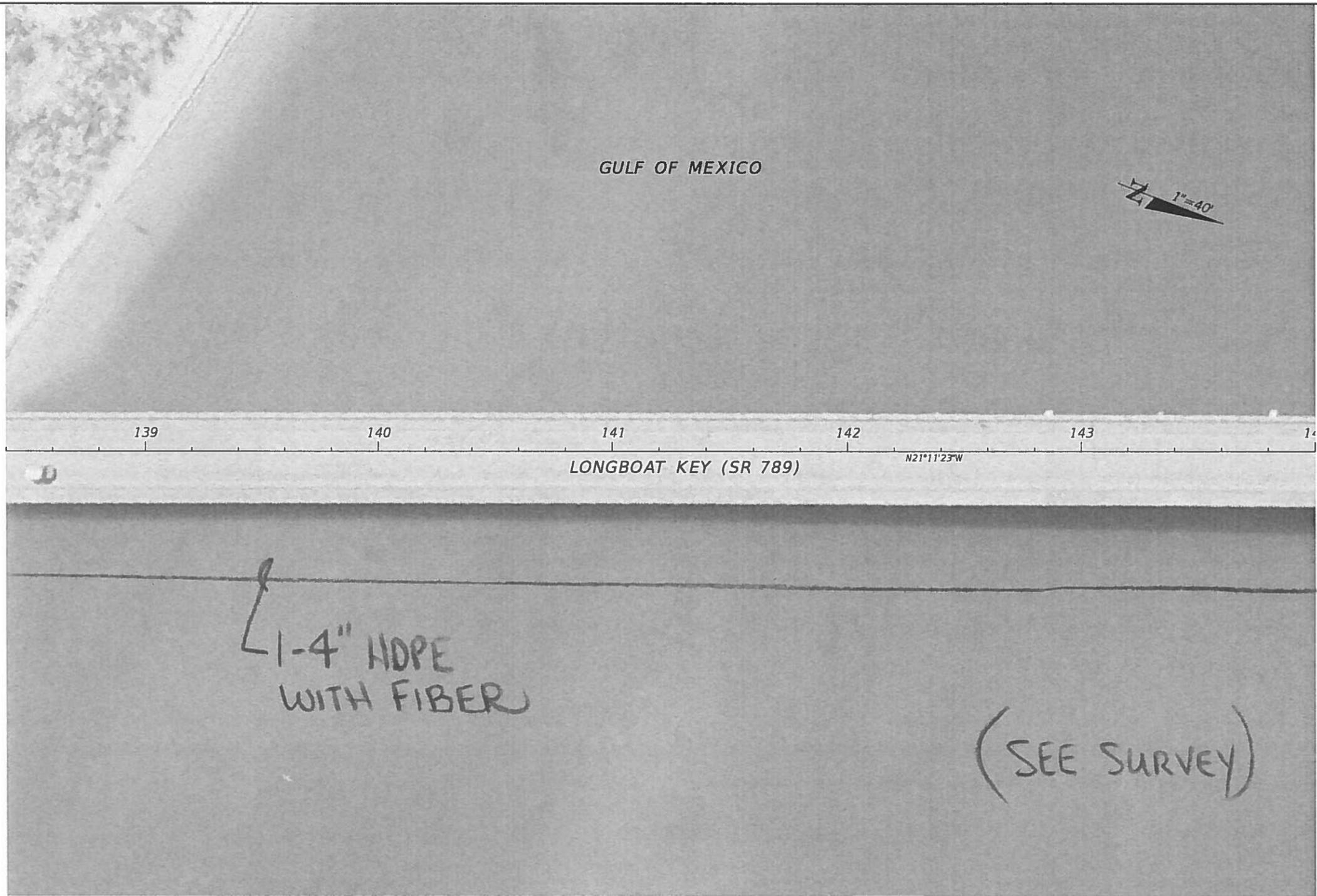
**BASE MAP**

SHEET  
NO.  
  
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REVISIONS		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BASE MAP	SHEET NO.  4
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.		
				789	MANATEE	436676-1-22-01



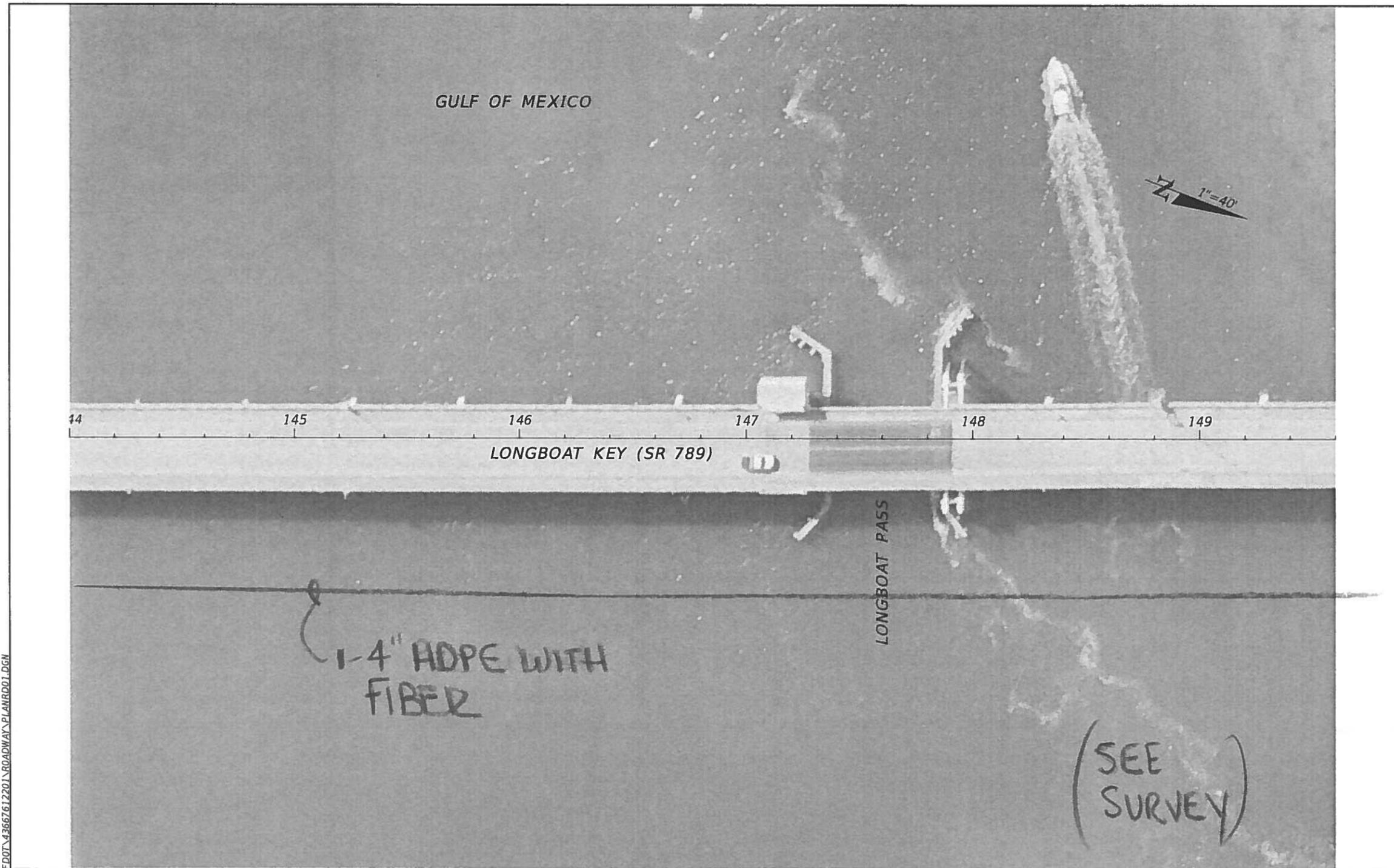
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
789	MANATEE	436676-1-22-01

BASE MAP

SHEET NO.  
5



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
789	MANATEE	436676-1-22-01

**BASE MAP**

SHEET NO.  
**6**



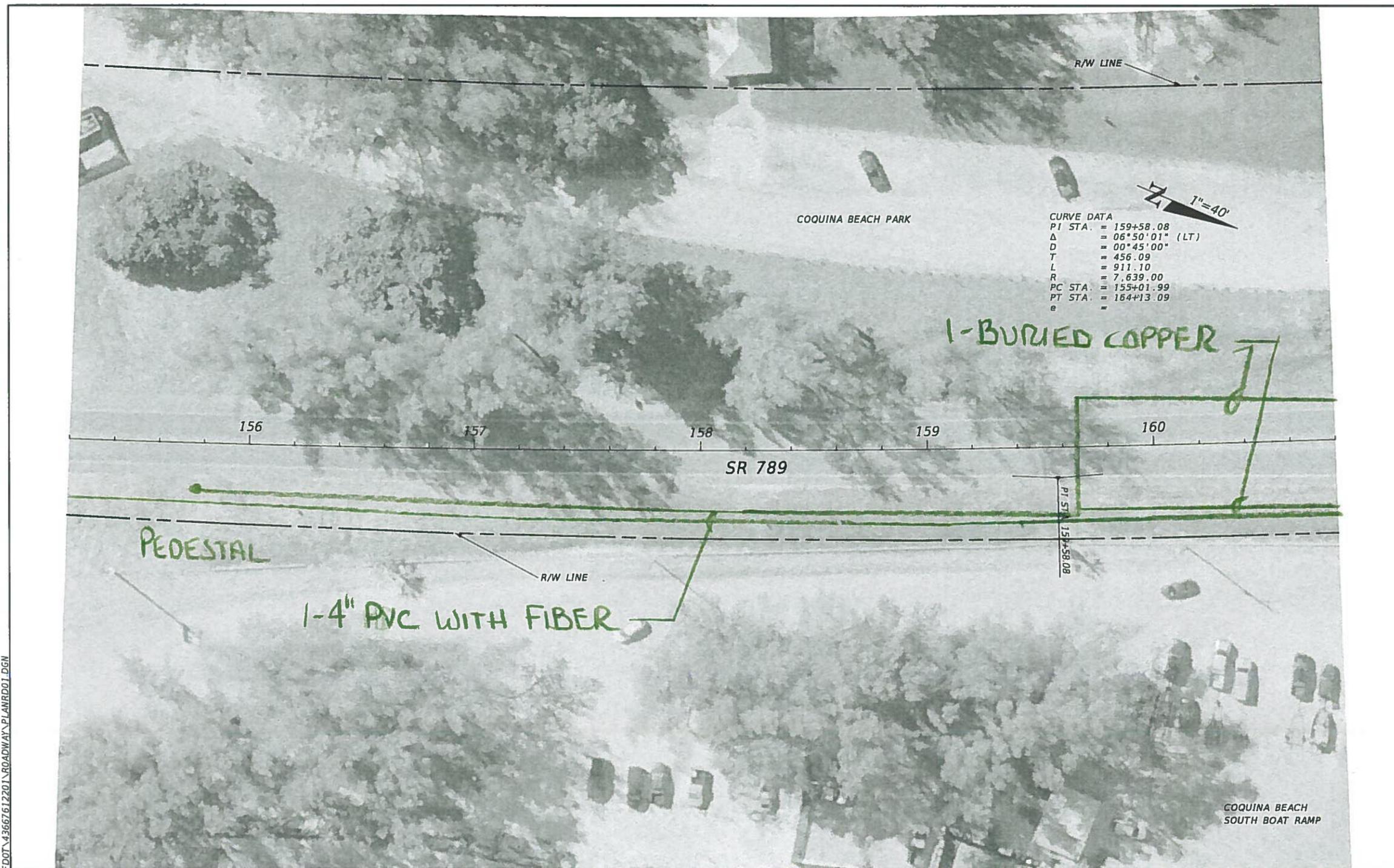
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
789	MANATEE	436676-1-22-01

BASE MAP

SHEET NO.  
7



CURVE DATA  
 PI STA. = 159+58.08  
 Δ = 06°50'01" (LT)  
 D = 00°45'00"  
 T = 456.09  
 L = 911.10  
 R = 7,639.00  
 PC STA. = 155+01.99  
 PT STA. = 164+13.09  
 e =



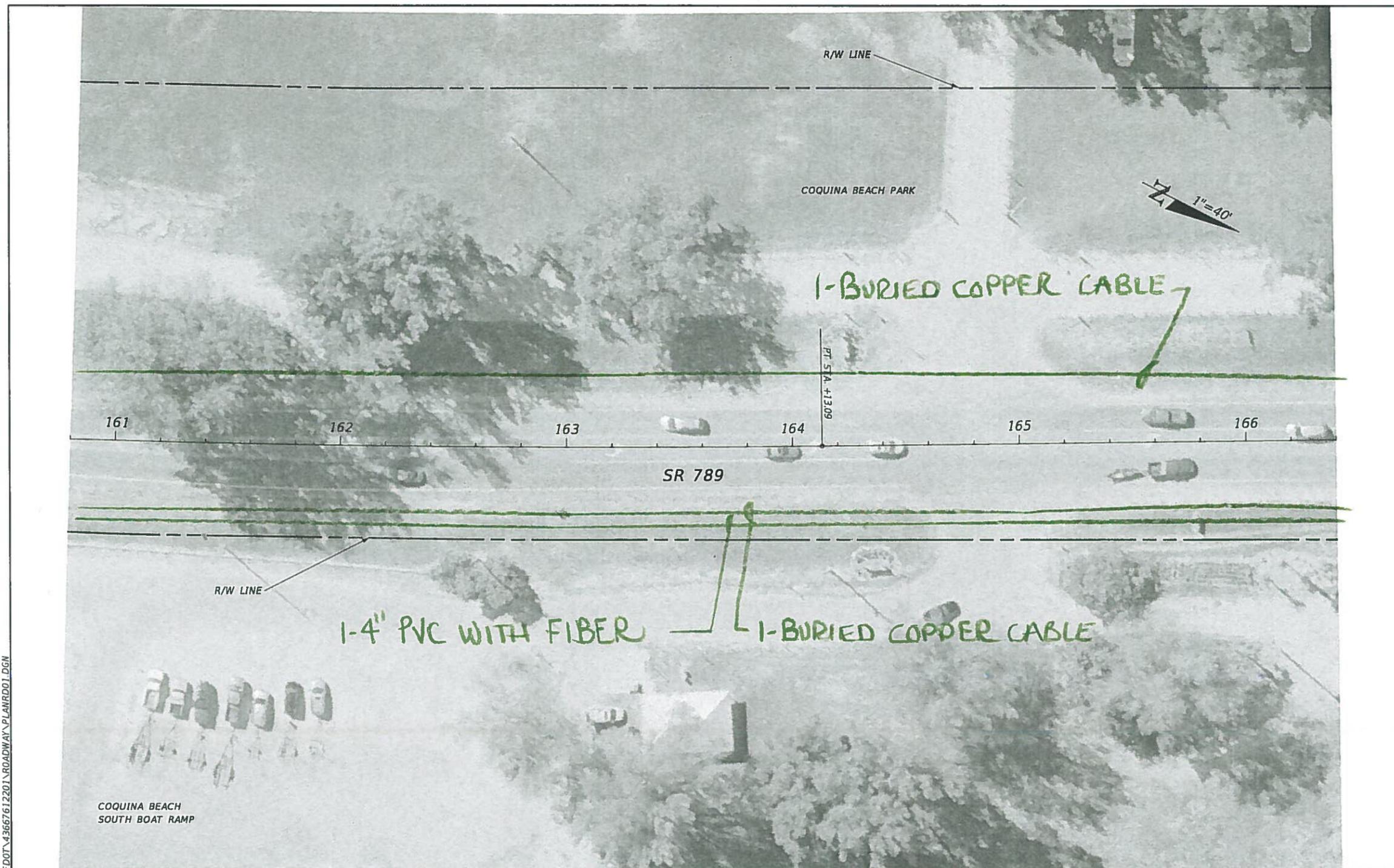
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
789	MANATEE	436676-1-22-01

BASE MAP

SHEET  
NO.  
  
8



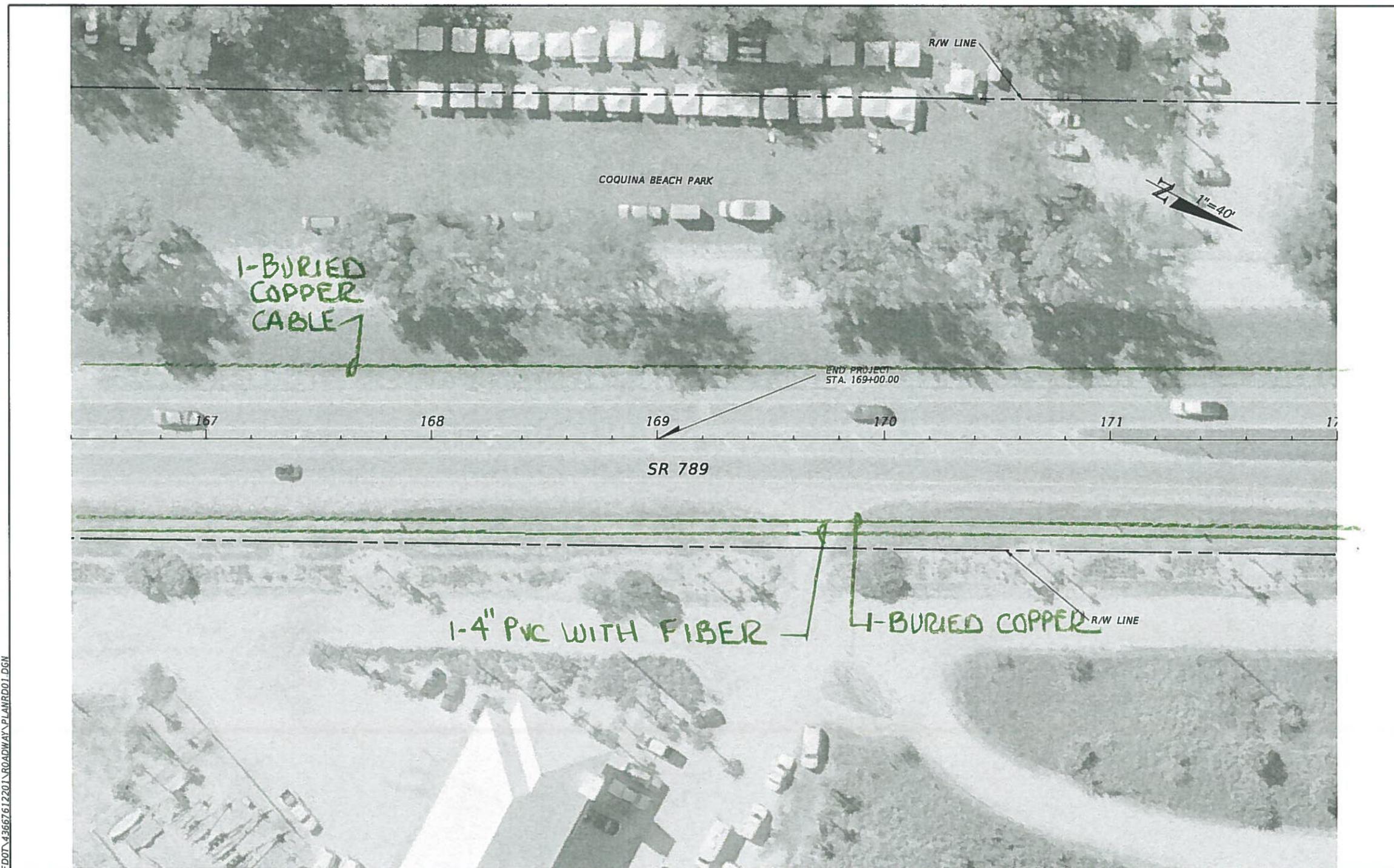
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
789	MANATEE	436676-1-22-01

**BASE MAP**

SHEET  
NO.  
  
9



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
789	MANATEE	436676-1-22-01

BASE MAP

SHEET NO.  
10

# **Manatee County**

# GULF DRIVE SOUTH (LEFFIS KEY TO LONGBOAT KEY)



1:2,400  
1 inch = 200 feet  
0 3060 120

This map was developed by the Manatee County Utilities Department. It is provided for general reference and is not warranted in any way. Errors from non-coincidence of features from different sources may exist. The Manatee County BOCC shall be held harmless for inappropriate or unintended uses of the information.

User: kmcrMahon  
Date: 7/17/2020  
Name: Kathy - GIS

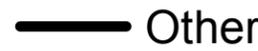
# LEGEND

-  Hydrants
-  System Valves
-  AirRelease
-  BlowOff
-  MH - Air Release
-  Reduced Pressure Backflow
-  Meter
-  Well
-  PumpStation
-  BoosterStation
-  ElevTank
-  EnclosedStorageFacility
-  TreatmentPlant
-  Lift Station
-  Master Lift Station
-  Sewer Manhole
-  Sewer clean-out/service connection

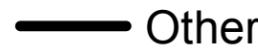
## Water Line

-  Other
-  Manatee County
-  Privately Owned

## Reclaim Line

-  Other
-  Reclaimed Water, Manatee County
-  Reclaimed Water, Privately Owned
-  Irrigation Water, Privately Owned

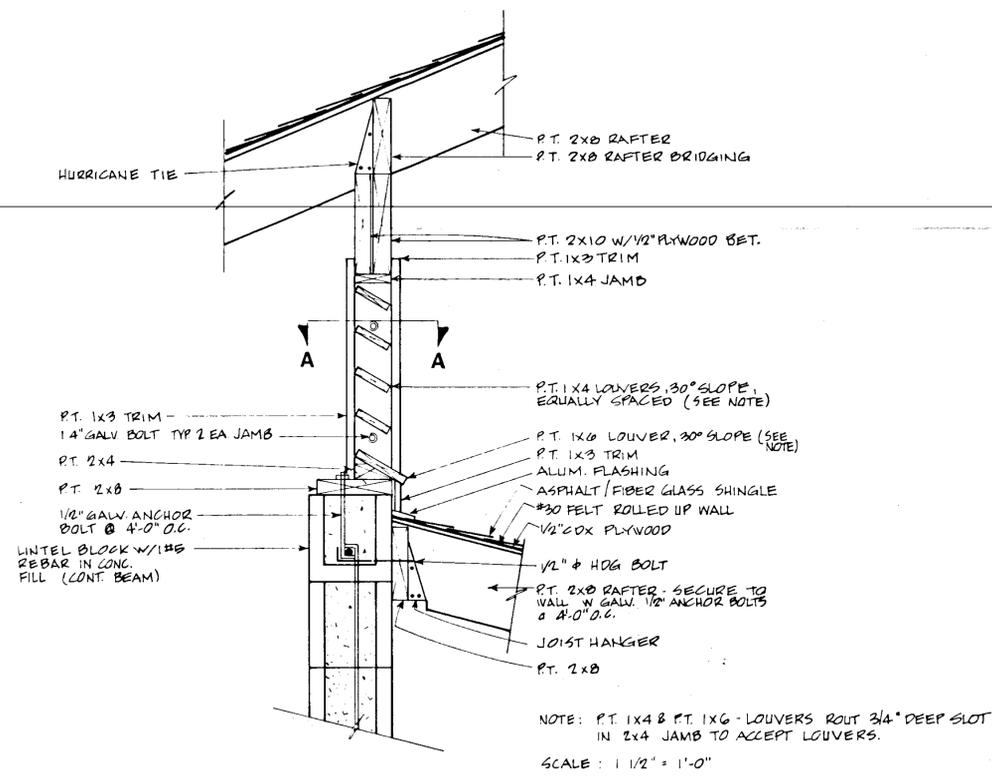
## Sewer Gravity Main

-  Other
-  Manatee County
-  Privately Owned

## Sewer Force Main

-  Other
-  Manatee County
-  Privately Owned

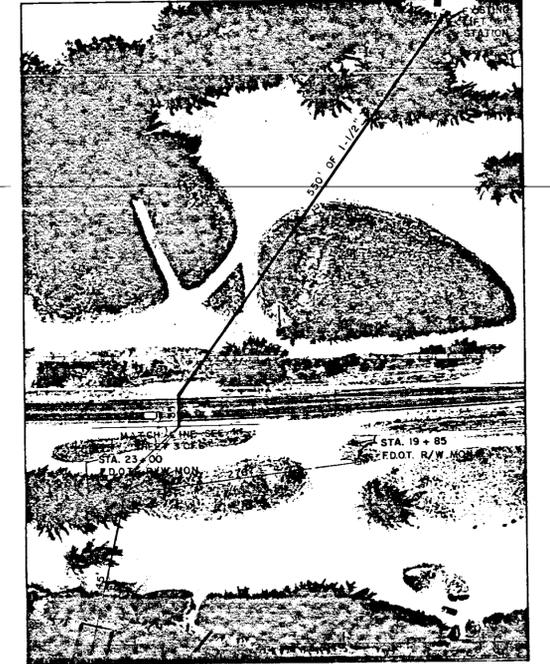
-  Traffic Intersection
-  SCHOOL FLASHER
-  WARNING FLASHER
-  Traffic Cabinet
-  Traffic Count Stations
-  Other
-  GENERATOR CABINET
-  POWER DISCONNECT
-  POWER SOURCE
-  Street Lights
-  Load Centers
-  <all other values>
-  HAND HOLE
-  JUNCTION BOX
-  PULL BOX
-  POWER DISCONNECT
-  POWER SOURCE
-  Traffic Power Conduit
-  Data Mangement System
-  DMS Conduit
-  Closed Circuit TV
-  CCTV Conduit
-  Video Detection System
-  VDS Conduit
-  Traffic Preemption Line
-  Interconnect Conduit
-  ATMS Conduit - YES
-  ATMS Conduit - NO
-  Data Conduit - YES
-  Data Conduit - NO
-  Lighting Power Conduit



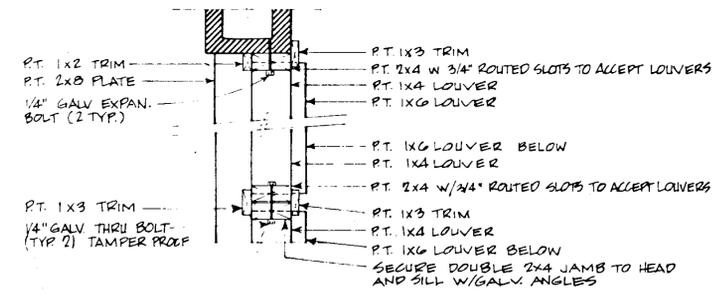
**LOUVER DETAIL**

NOTE: PT. 1x4 & PT. 1x6 LOUVERS ROUT 3/4\"/>

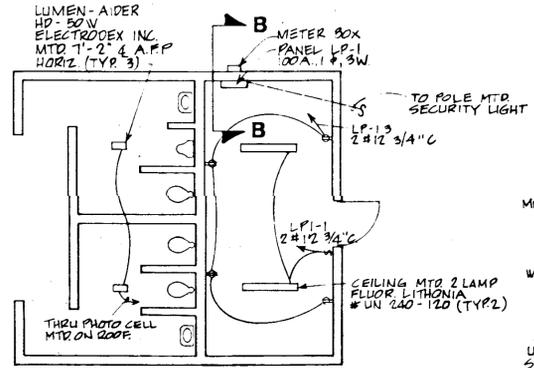
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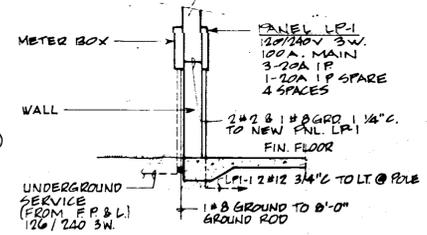
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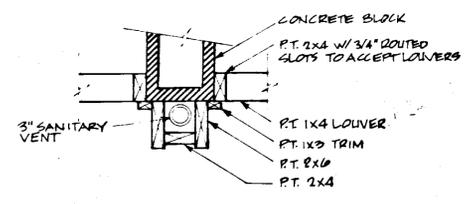
**SECTION A-A**



**ELECTRICAL PLAN**



**SECTION B-B**



**SANITARY VENT DETAIL**

**PUBLIC RESTROOM DETAILS**  
"PART C"

**COQUINA BOAT RAMP AND DOCKING FACILITY**

IN  
SEC. 10 & 15, TWP. 35 S., RGE. 16 E.  
MANATEE COUNTY, FLORIDA

REVISIONS

1.	REVISED TITLE 12-10-85 A.M.M.
2.	
3.	
4.	
5.	



**Larson Engineering, Inc.**  
Consulting Engineers

LARSON ENGINEERS, INC.  
6404 Manatee Ave. W., Suite N  
Bradenton, Florida 33529  
(813) 794-5450

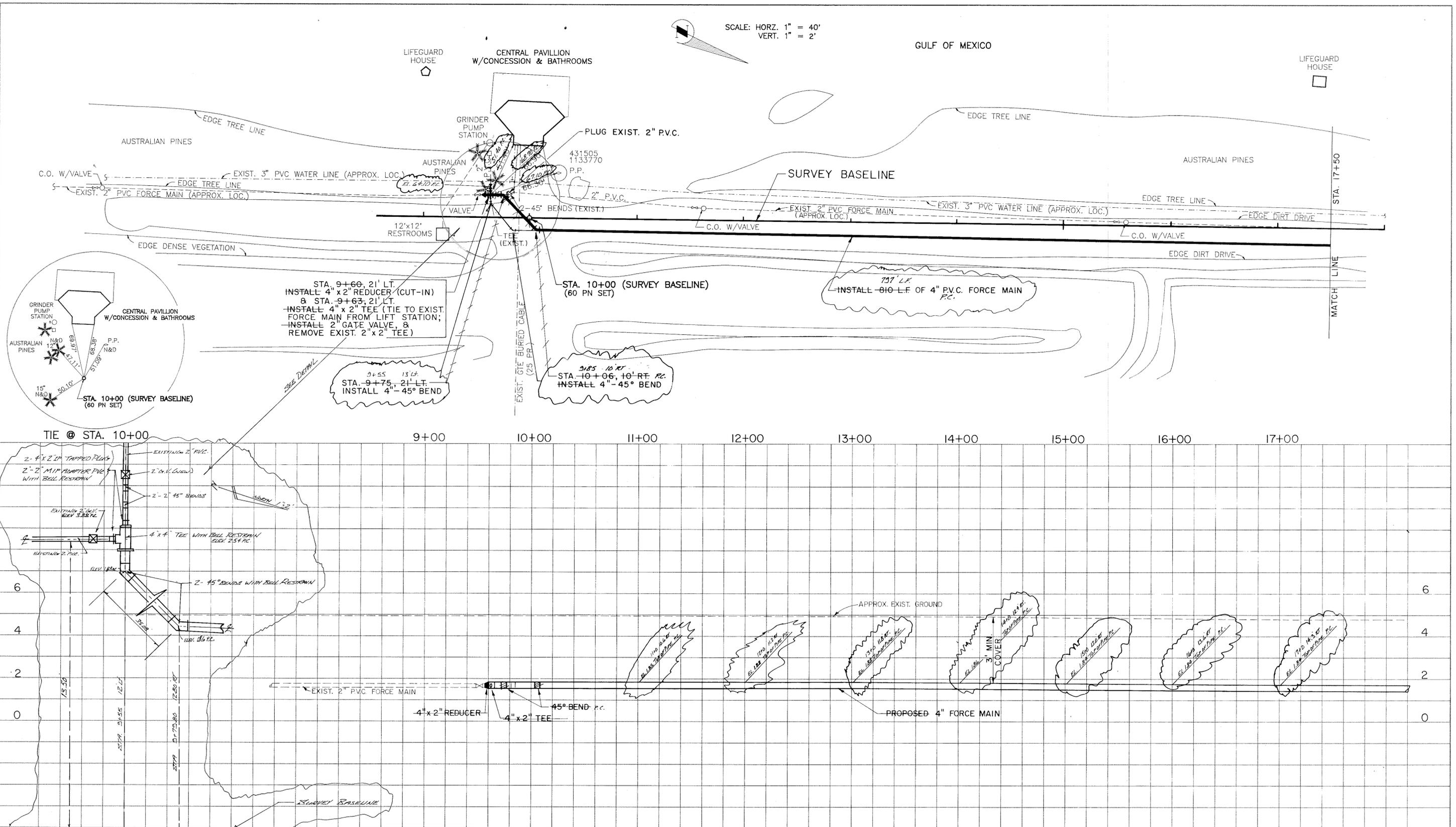
DESIGNED D.J.H. CHECKED [Signature] DATE 9/9/85 SCALE AS SHOWN  
DRAWN [Signature] FILE NO. 031-004-83 SHEET 6 OF 7

PRINTED  
**T-10**  
JUL 25 1988

**02-02** ISSUED FOR CONSTRUCTION 11-12-85

SCALE: HORZ. 1" = 40'  
VERT. 1" = 2'

GULF OF MEXICO



PLAN/PROFILE		BOOK NOS.	
By	Checked	Date	
Surveyed	AT&T	1991	
Plotted			
Alignment			
Right of Way			
Scale Horz.	1" = 40'	Scale Vert.	1" = 2'

BY	CHECKED	DATE	
Designed	L.L.P.	P.C.	9/94
Drawn	J.E.L.	P.C.	7/94
Quantities	L.L.P.	P.C.	1/95

ENGINEER PUBLIC SERVICES DEPT.



**FORCE MAIN — RELOCATION  
@ COQUINA PUBLIC BEACH  
PLAN & PROFILE**

REVISION DESCRIPTION & DATE	BY	NO.

Proj. No.	415-5828-537
Dwg. Date	JULY 1994
Dwg. No.	BEACH1
Sht.	2 of 6

DRAWER #7, FILE #38  
**07-38** T-213

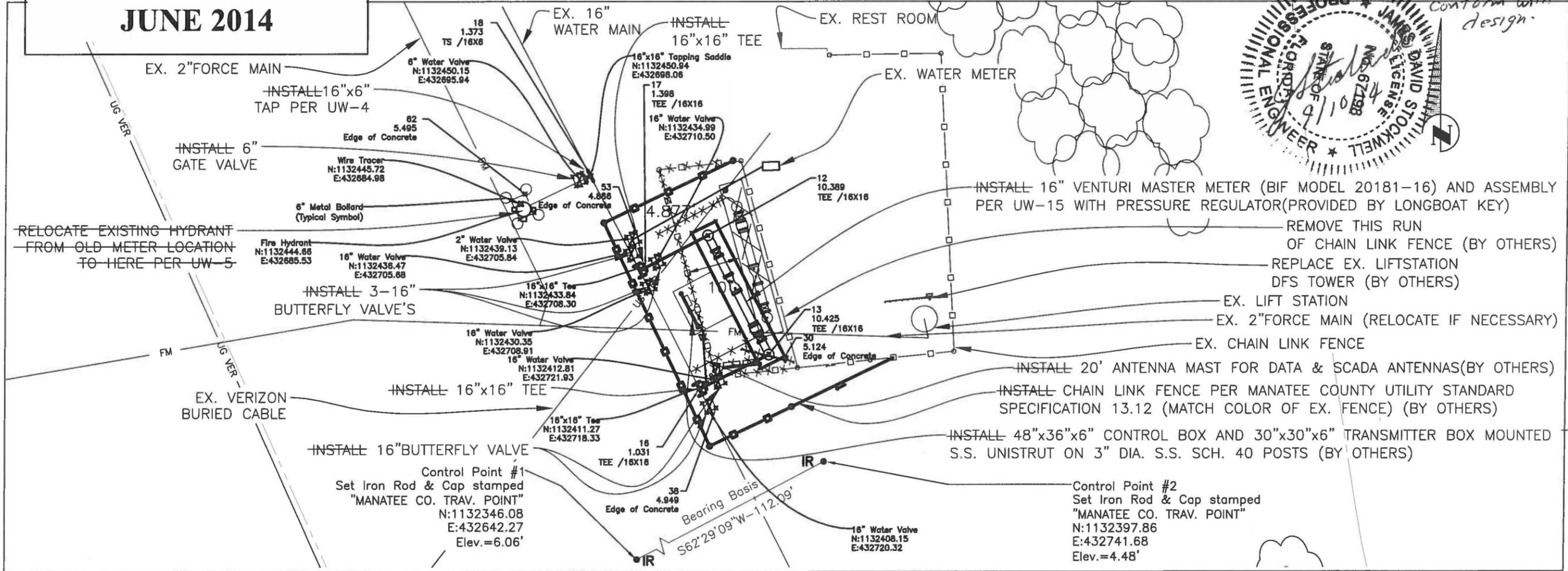
**RECORD DRAWING  
JUNE 2014**

**PROPOSED METER SITE**

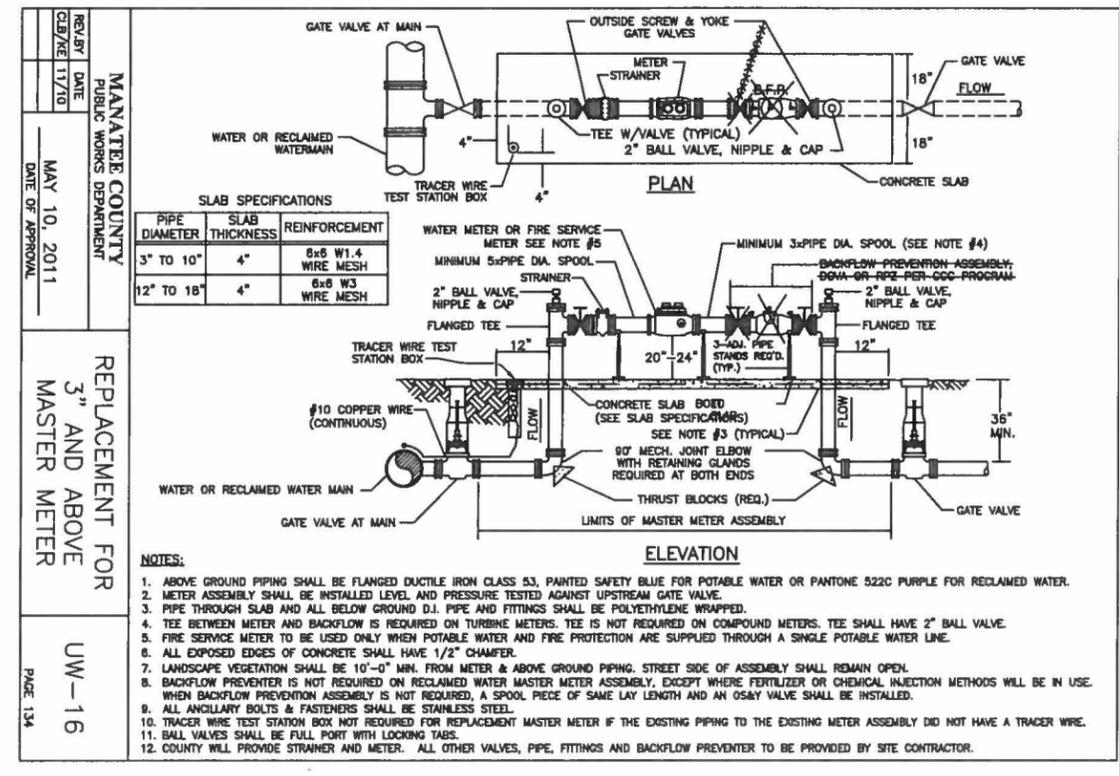
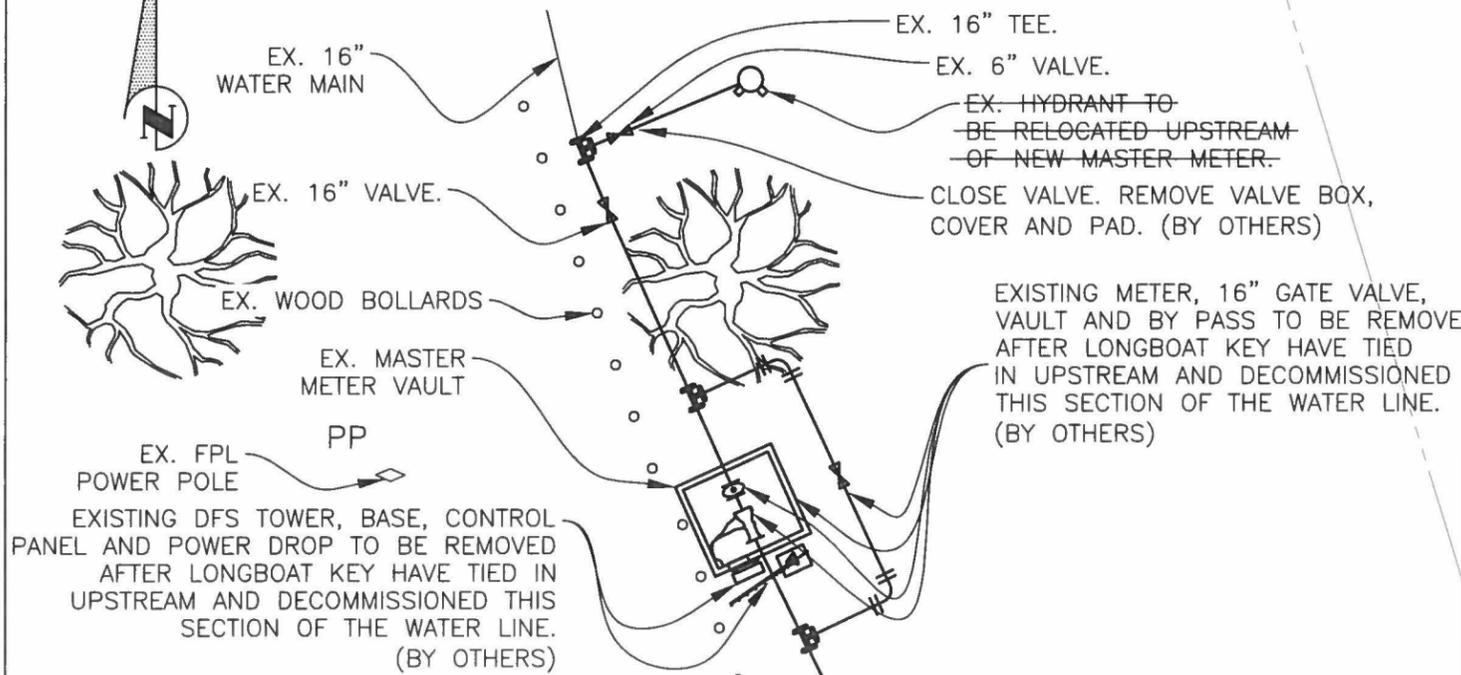


1022 26th Avenue East  
Bradenton, FL 34208

**LONGBOAT KEY MASTER METER  
2651 GULF DR, BRADENTON BEACH  
PLAN**



**EXISTING METER SITE**



REVISION	DESCRIPTION	DATE	BY	DO/M
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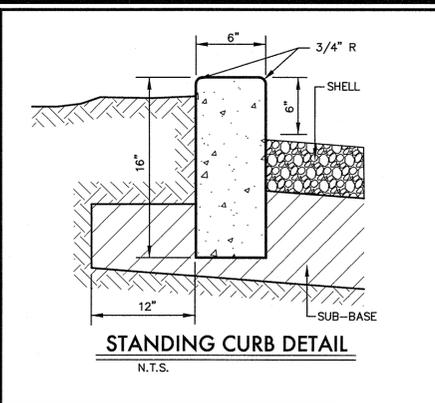
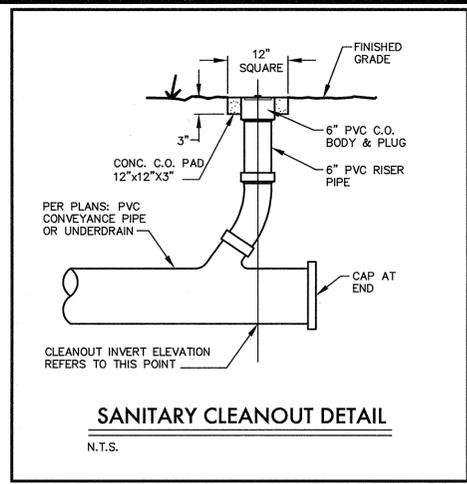
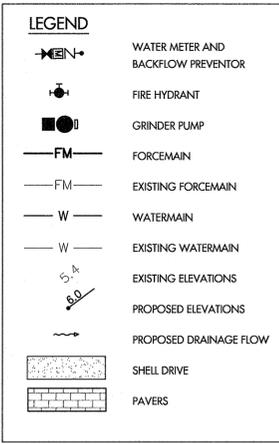
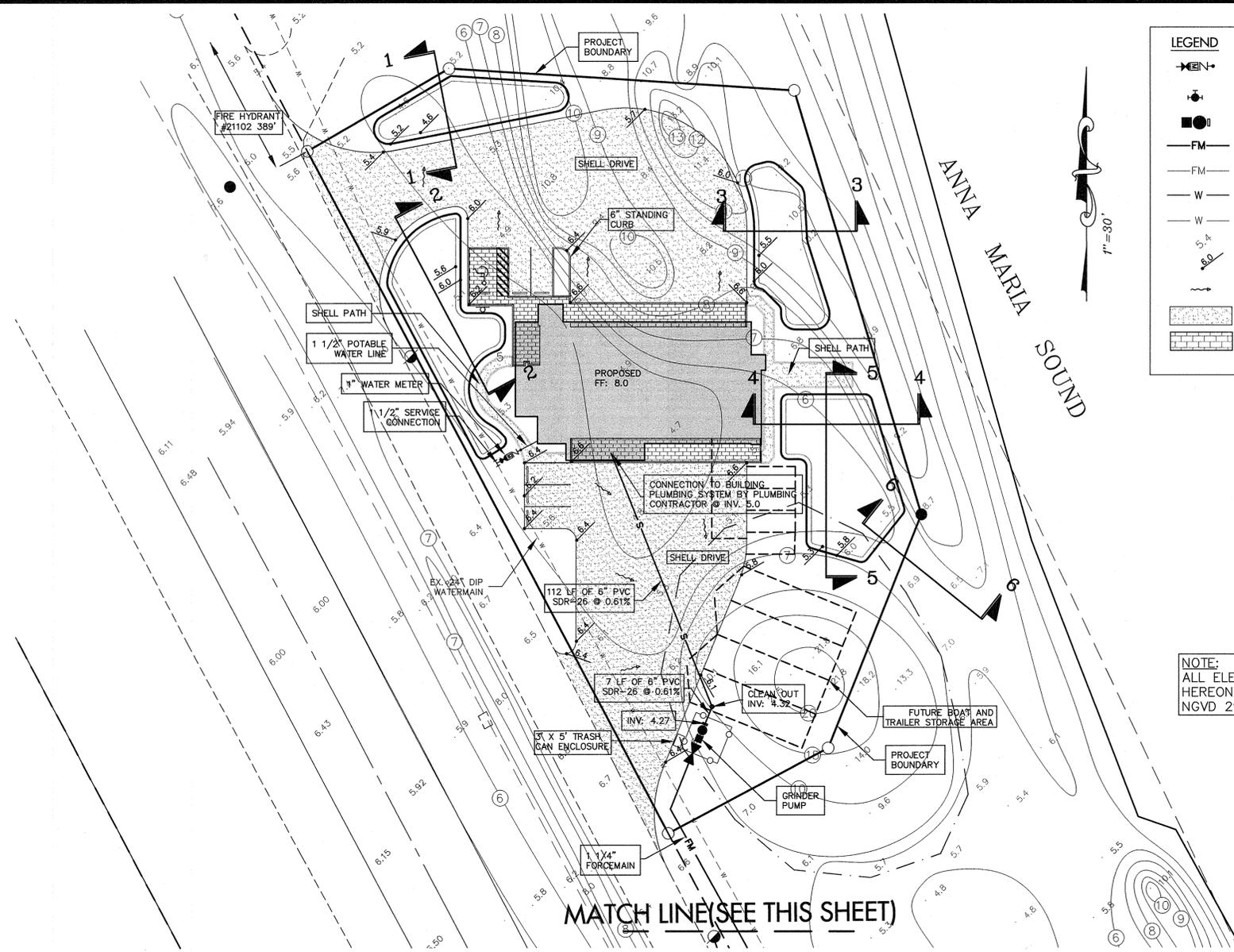
PROJECT #	402-0019608
SURVEY #	0-0
SEC./TWN./RGE	10,15,9/35S/18E
VERT. SCALE	----
HORIZ. SCALE	1"=20'

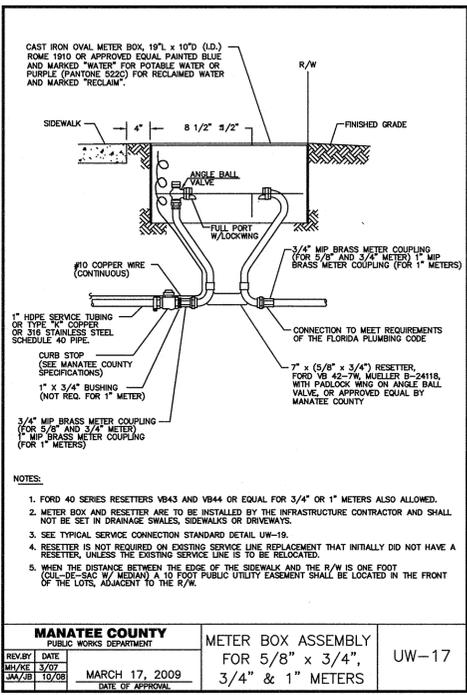
	BY	DATE
SURVEYED	N/A	00/00/00
DESIGNED	----	04/15/13
DRAWN	DO"MM	04/15/13
CHECKED	----	00/00/00

**WAYNE R. TROXLER, P.E.**  
**FLORIDA P.E. # 62204**

Signature & Date



**NOTE:**  
ALL ELEVATIONS DEPICTED HEREON ARE BASED ON NGVD 29 DATUM.



**AREA**

TOTAL SITE: 45,231 SF

IMPERVIOUS AREA: 5,231 SF

BUILDING: 5,231 SF

SHELL DRIVE: 18,306 SF

SIDEWALK: 395 SF

PATH: 951 SF

CONCRETE APRON: 935 SF

TOTAL IMPERVIOUS: 25,818 SF

PERVIOUS AREA: 13,714.91 SF

**STORMWATER FACILITY/DRY RETENTION**

SWF 1: 1,681.57 SF

SWF 2: 981.55 SF

SWF 3: 1,147.20 SF

SWF 4: 2,096.87 SF

TOTAL RETENTION: 5,907.19 SF

**WATER QUALITY**

**TREATMENT REQUIRED**

PER B.O.R. 5.2C. ON-LINE TREATMENT SYSTEM (1/2% OF RUNOFF FROM SITE)

[45,231 SF x (1/2% OF RAINFALL)] / 12 = 1,884.63 CFT

PER B.O.R. 5.2C. PROJECTS DIRECTLY DISCHARGING INTO OSW. ADD 50%

1,884.63 CFT \* 1.50 = 2,826.94 CFT

**TREATMENT REQUIRED**

SWF 1: 1,681.57 SF \* 0.5 FT = 840.79 CFT

SWF 2: 981.55 SF \* 0.5 FT = 490.78 CFT

SWF 3: 1,147.20 SF \* 0.5 FT = 573.60 CFT

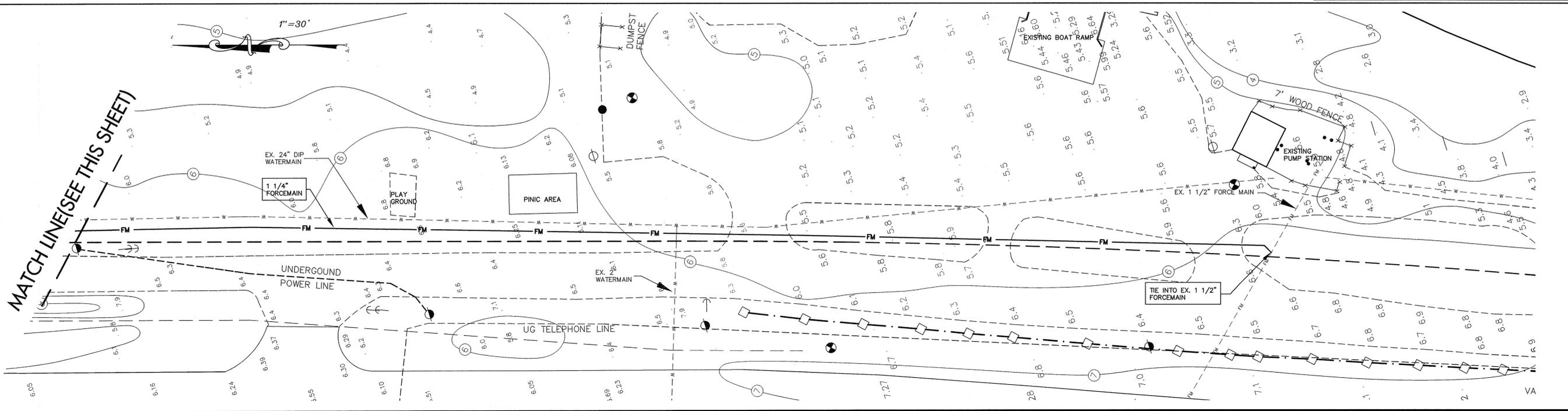
SWF 4: 2,096.87 SF \* 0.5 FT = 1,048.44 CFT

TOTAL VOLUME PROVIDED: 2,953.61 CFT

TREATMENT PROVIDED: 2,953.61 CFT

TREATMENT REQUIRED: 2,826.94 CFT

TREATMENT PROVIDED > TREATMENT REQUIRED



**ZNS ENGINEERING**

ENGINEERS | PLANNERS | SURVEYORS

LANDSCAPE ARCHITECTS | ENVIRONMENTAL CONSULTANTS

JEREMY L. ERELINE  
PROFESSIONAL ENGINEER #83987

DESIGNED: J. ERELINE  
DRAWN: JAW  
DATE: 11.2009  
JOB NO.: 08-01922  
SCALE: 1"=30'

SECTION 10, TOWNSHIP 55 SOUTH, RANGE 16 EAST  
MANATEE COUNTY, FLORIDA

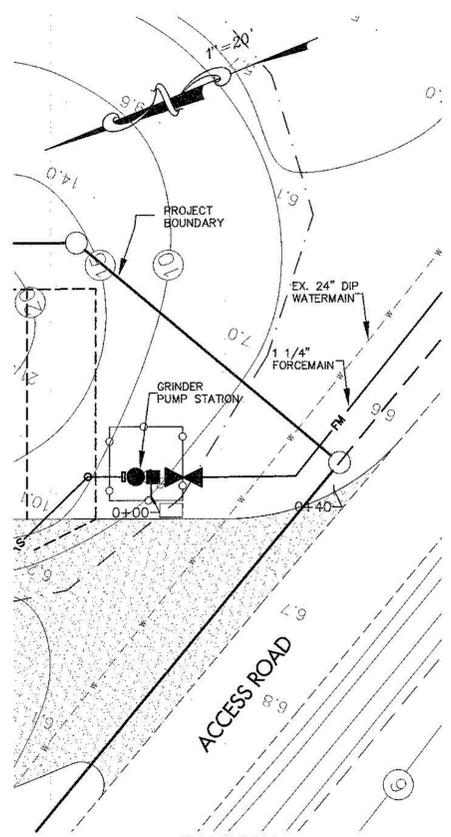
MANATEE COUNTY MARINE RESCUE FACILITY

FOR

ENGINEERING PLAN

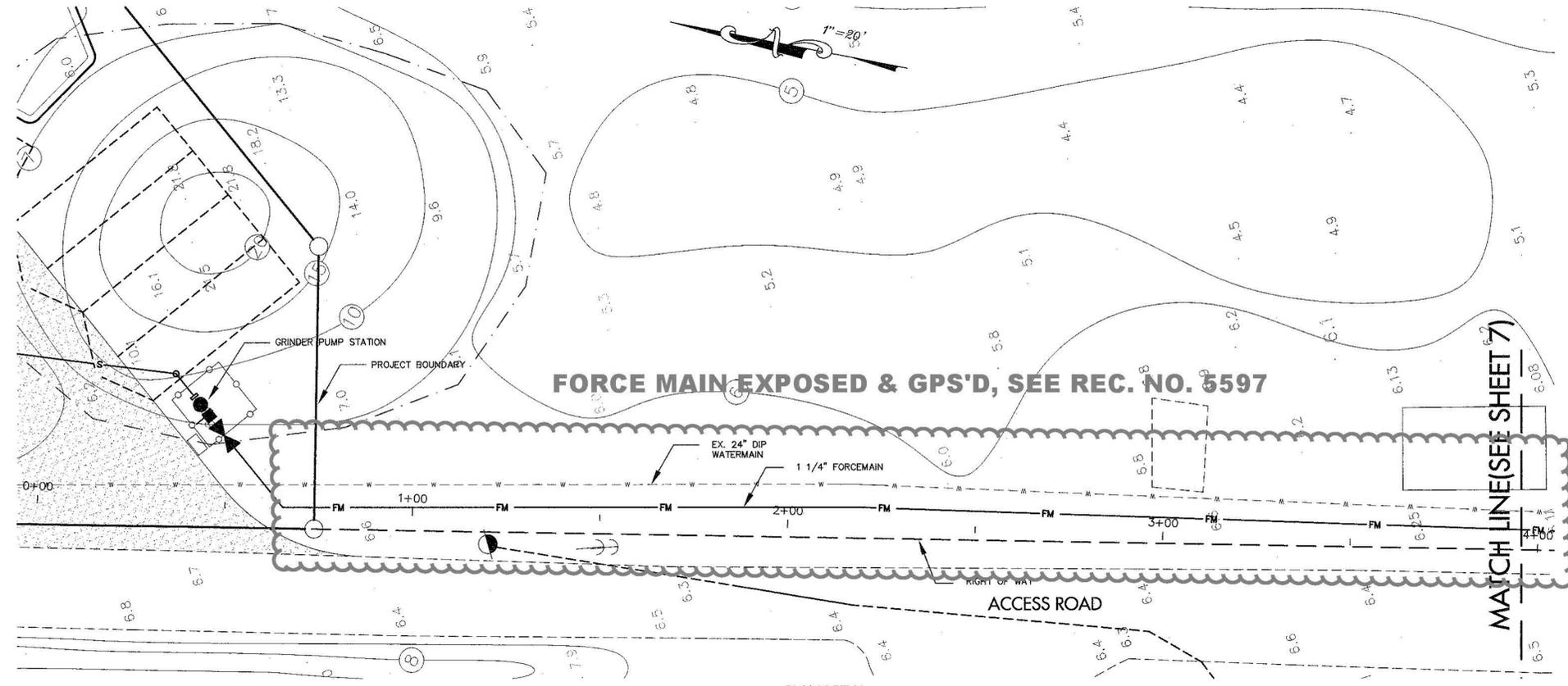
SHEET 4

Tue, 05 Jan 2010 - 1:37pm W:\Acad\WC Marine Rescue Facility\ENG\MRF-PP.dwg



PLAN VIEW  
STA 0+00 TO STA 0+40

H: 1"=20'  
V: 1"=2'

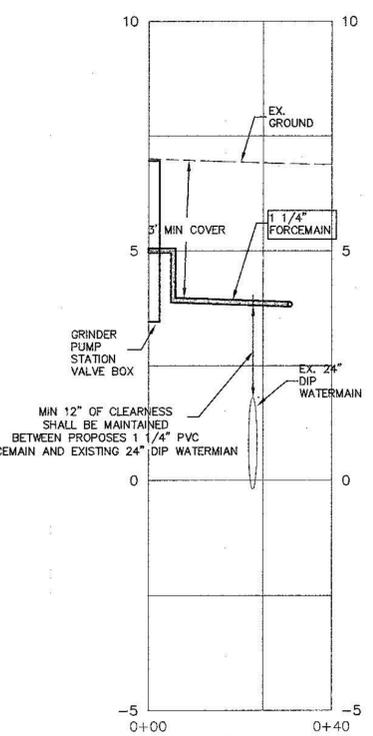


PLAN VIEW  
STA 0+00 TO STA 4+00

H: 1"=20'  
V: 1"=2'

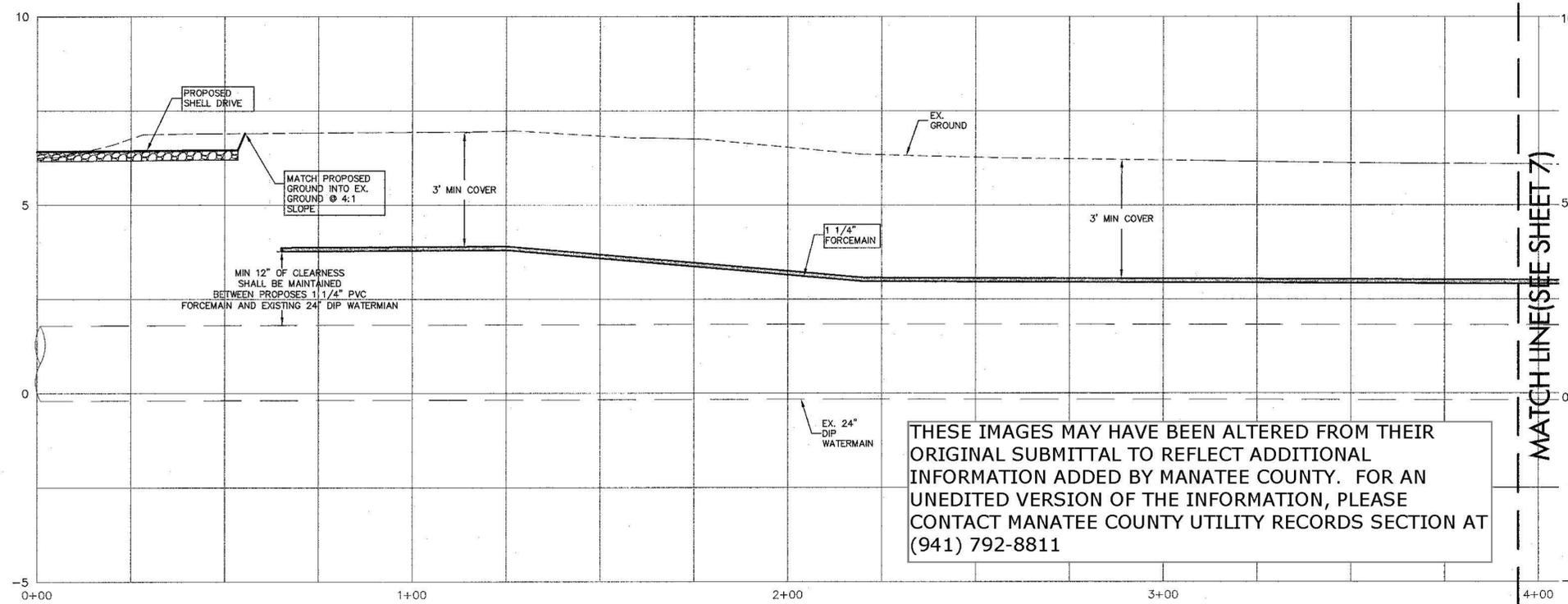
**LEGEND:**

- PROPERTY BOUNDARY
- PROPOSED PARKING AREA
- PROPOSED GRINDER PUMP STATION
- EX. MOUND TOE OF SLOPE
- PROPOSED FORCEMAIN
- EX. WATERMAIN



PROFILE  
STA 0+00 TO STA 0+40

H: 1"=20'  
V: 1"=2'



PROFILE  
STA 0+00 TO STA 4+00

H: 1"=20'  
V: 1"=2'

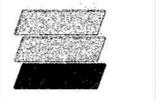
**LEGEND:**

- PROPOSED FORCEMAIN
- EX. WATERMAIN
- EXISTING GROUND

THESE IMAGES MAY HAVE BEEN ALTERED FROM THEIR ORIGINAL SUBMITTAL TO REFLECT ADDITIONAL INFORMATION ADDED BY MANATEE COUNTY. FOR AN UNEDITED VERSION OF THE INFORMATION, PLEASE CONTACT MANATEE COUNTY UTILITY RECORDS SECTION AT (941) 792-8811

JEREMY L. BRELINE  
PROFESSIONAL ENGINEER #60887  
DATE: 12/28/09  
JOB NO.: 00-41923  
SCALE: AS SHOWN  
SIGNATURE: [Signature]  
DATE: 2/5/2010

**ZNS ENGINEERING**  
ENGINEERS | PLANNERS | SURVEYORS  
LANDSCAPE ARCHITECTS | ENVIRONMENTAL CONSULTANTS  
POST OFFICE BOX 948 BRADYTON, FL 34208 | 201 94 AVENUE DRIVE EAST BRADYTON, FL 34208  
EMAIL: ZNS@ZNS.COM | TELEPHONE: 941.798.8990 | FAX: 941.798.3318



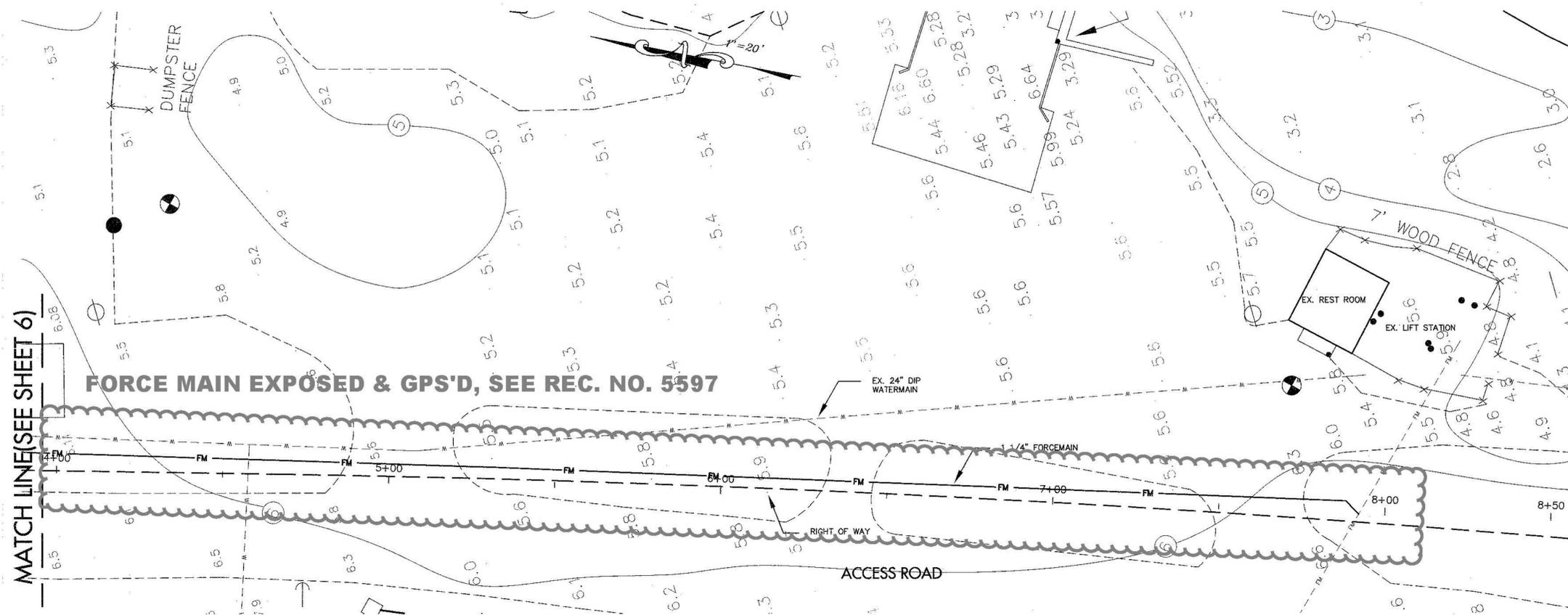
REVISIONS

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PLAN AND PROFILE  
FOR  
**MANATEE COUNTY MARINE RESCUE FACILITY**  
LOCATED IN  
SECTION 10, TOWNSHIP 35 SOUTH, RANGE 16 EAST  
MANATEE COUNTY, FLORIDA

DESIGNED: J. BRELINE  
DRAWN: [Name]  
DATE: 12/28/09  
JOB NO.: 00-41923  
SCALE: AS SHOWN  
SHEET: 6



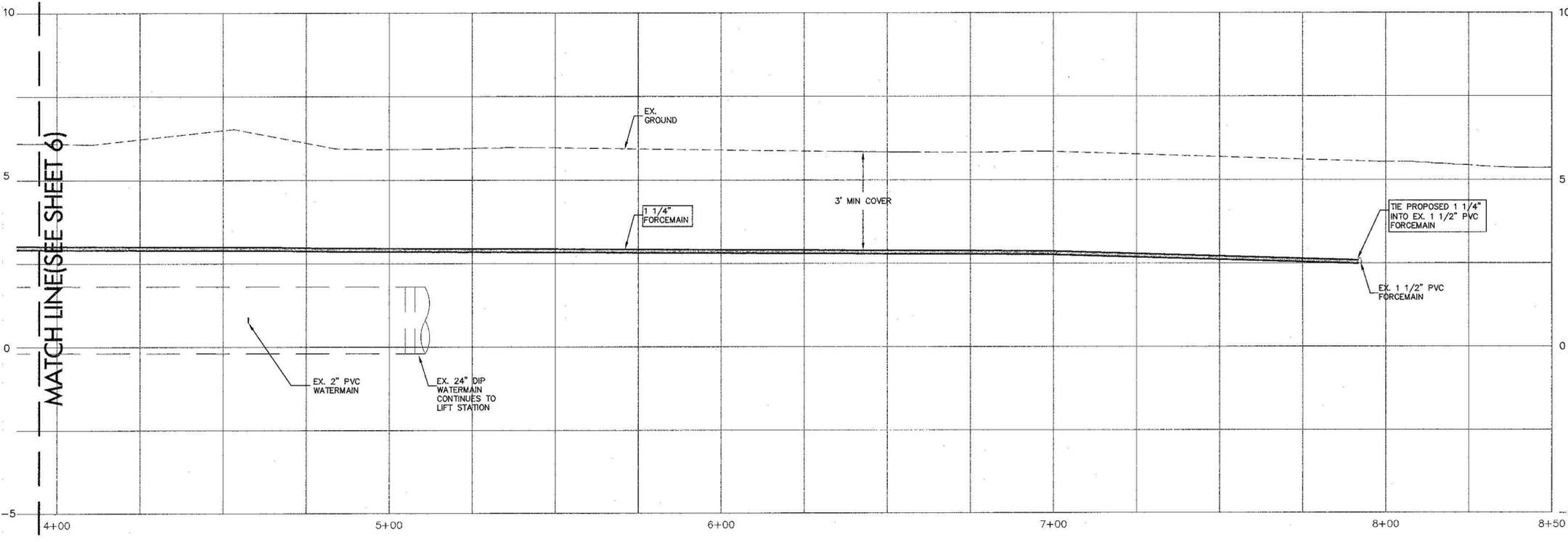
**FORCE MAIN EXPOSED & GPS'D, SEE REC. NO. 5597**

MATCH LINE(SEE SHEET 6)

PLAN VIEW  
STA 4+00 TO STA 8+50  
H: 1"=20'  
V: 1"=2'

**LEGEND:**

- PROPOSED FORCEMAIN
- - - EX. WATERMAIN
- - - RIGHT OF WAY



MATCH LINE(SEE SHEET 6)

PROFILE  
STA 4+00 TO STA 8+50  
H: 1"=20'  
V: 1"=2'

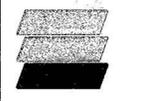
**LEGEND:**

- PROPOSED FORCEMAIN
- - - EX. WATERMAIN
- - - EXISTING GROUND

THESE IMAGES MAY HAVE BEEN ALTERED FROM THEIR ORIGINAL SUBMITTAL TO REFLECT ADDITIONAL INFORMATION ADDED BY MANATEE COUNTY. FOR AN UNEDITED VERSION OF THE INFORMATION, PLEASE CONTACT MANATEE COUNTY UTILITY RECORDS SECTION AT (941) 792-8811

JEREMY L. LEBLANC  
PROFESSIONAL ENGINEER #60887  
2/5/2010

**ZNS ENGINEERING**  
ENGINEERS | PLANNERS | SURVEYORS  
LANDSCAPE ARCHITECTS | ENVIRONMENTAL CONSULTANTS  
POST OFFICE BOX 948 BRADSTON, FL 34008 | 301 96 AVENUE DRIVE EAST BRADSTON, FL 34008  
EMAIL: ZNS@ZNSENG.COM | TELEPHONE 941.788.8390 | FAX 941.788.3516



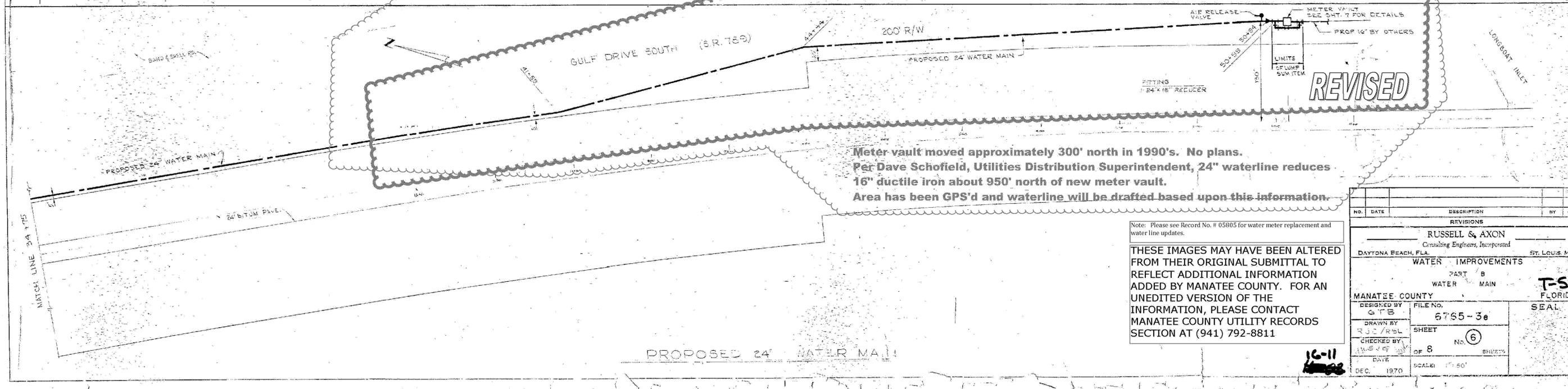
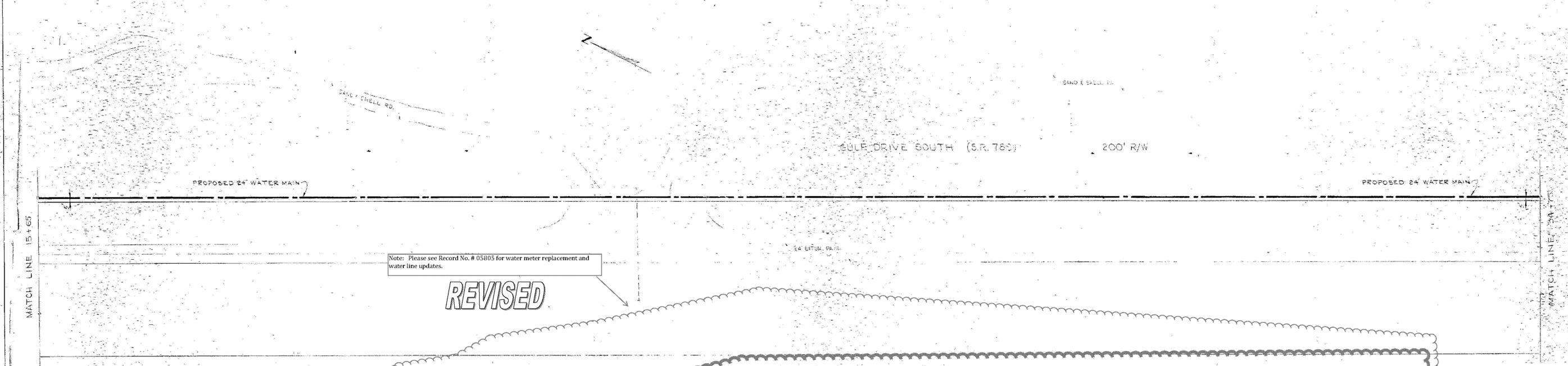
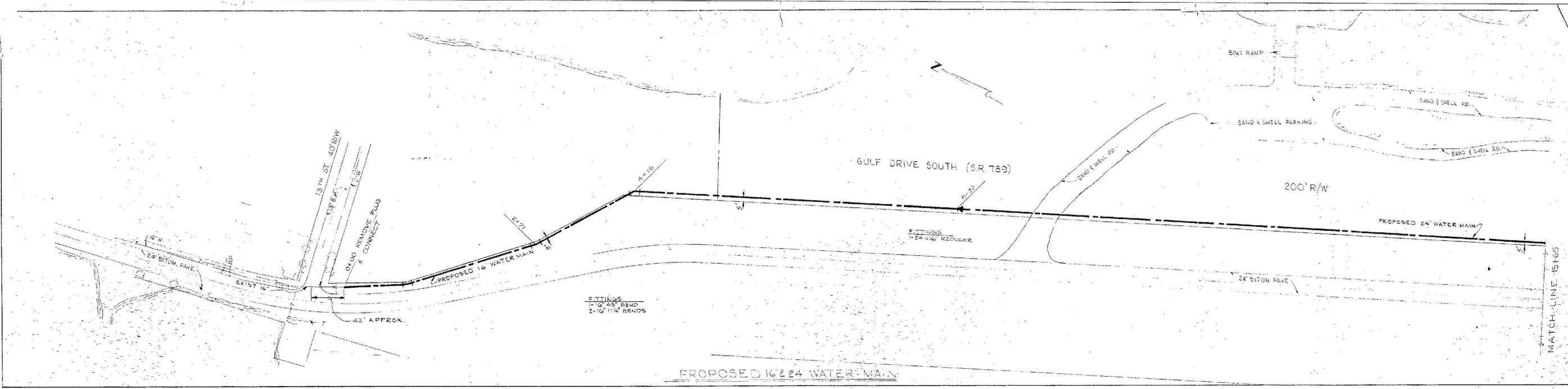
REVISIONS

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**PLAN AND PROFILE**  
FOR  
**MANATEE COUNTY MARINE RESCUE FACILITY**  
LOCATED IN  
SECTION 10, TOWNSHIP 35 SOUTH, RANGE 16 EAST  
MANATEE COUNTY, FLORIDA

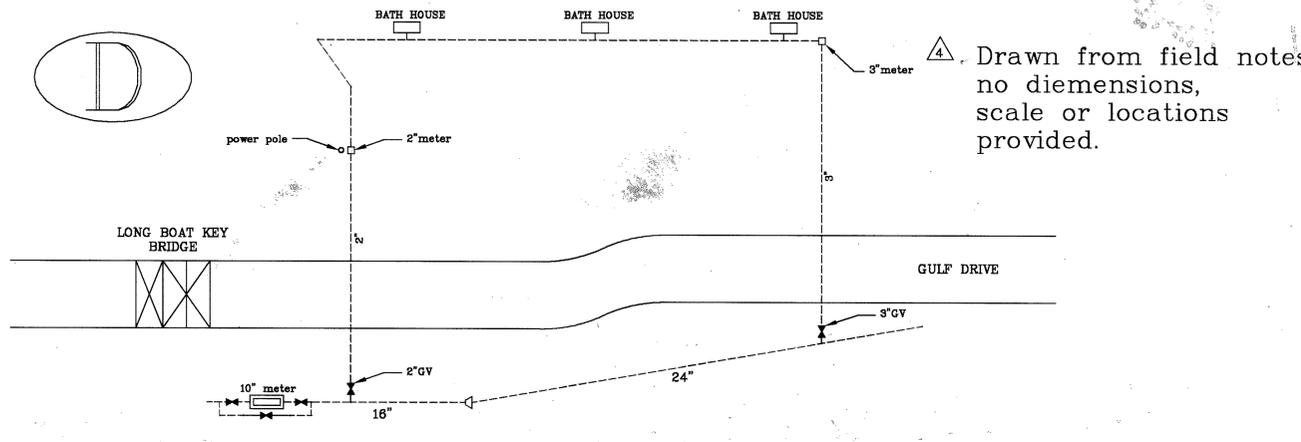
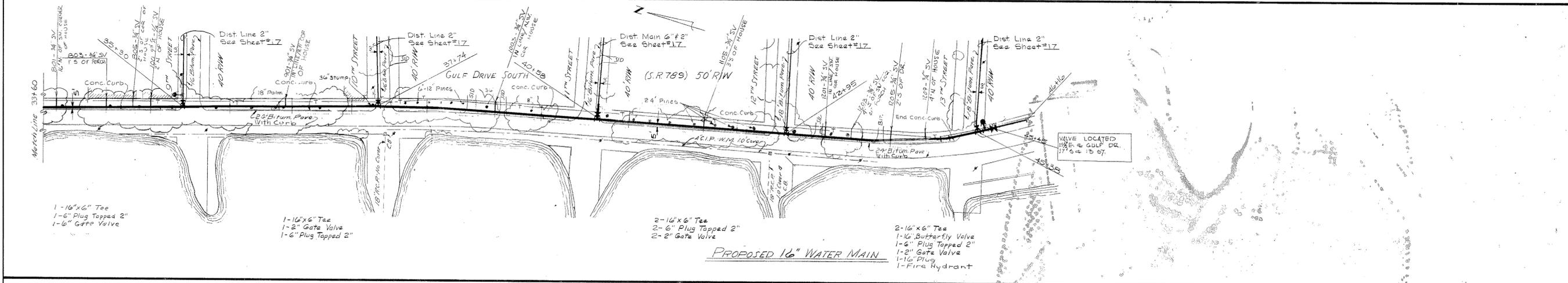
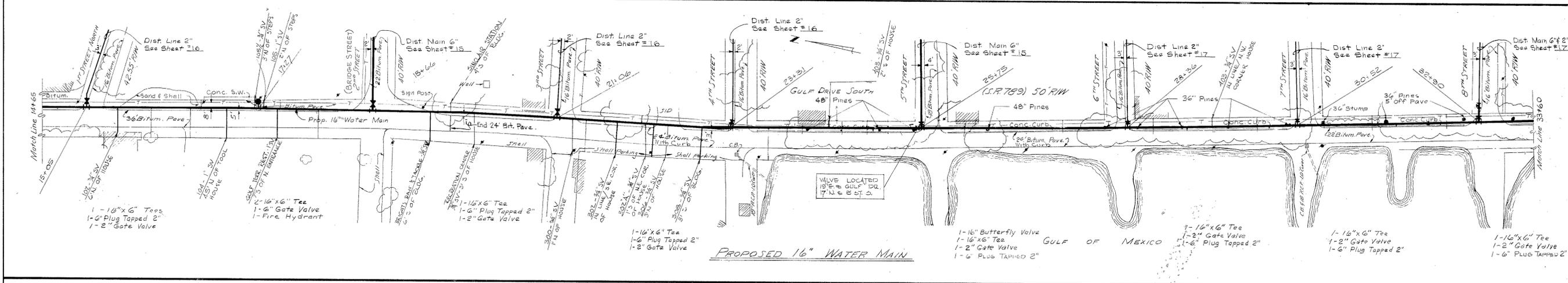
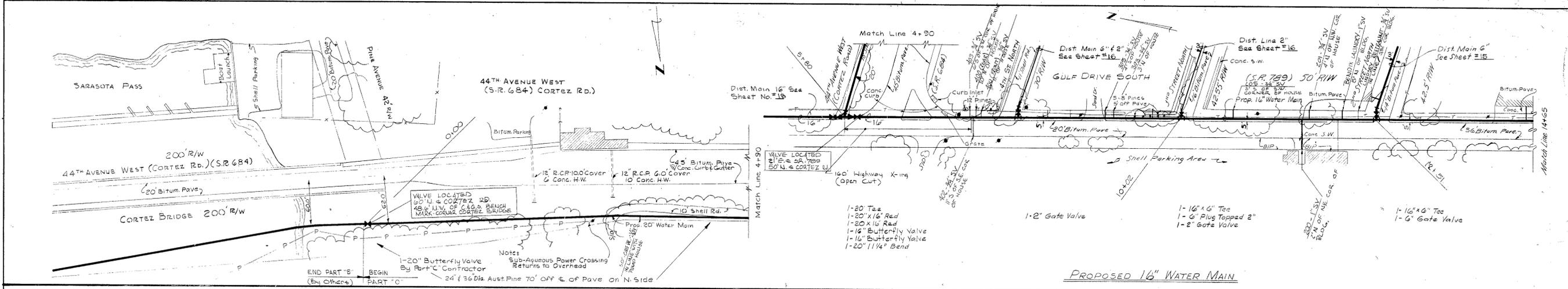
DESIGNED: J. LEBLANC  
DRAWN: JLF  
DATE: 12/2009  
JOB NO.: 0041923  
SCALE: AS SHOWN  
SHEET 7



Note: Please see Record No. # 05805 for water meter replacement and water line updates.  
 THESE IMAGES MAY HAVE BEEN ALTERED FROM THEIR ORIGINAL SUBMITTAL TO REFLECT ADDITIONAL INFORMATION ADDED BY MANATEE COUNTY. FOR AN UNEDITED VERSION OF THE INFORMATION, PLEASE CONTACT MANATEE COUNTY UTILITY RECORDS SECTION AT (941) 792-8811

NO.	DATE	DESCRIPTION	BY	CHK.
REVISIONS				
<b>RUSSELL &amp; AXON</b> Consulting Engineers, Incorporated DAYTONA BEACH, FLA. ST. LOUIS, MO.				
<b>WATER IMPROVEMENTS</b> PART B WATER MAIN				
<b>MANATEE COUNTY</b>				
DESIGNED BY	GFB	FILE NO.	6765-3e	<b>T-59</b> FLORIDA SEAL
DRAWN BY	RJC/REL	SHEET	No. 6	
CHECKED BY	AWB/JEF	OF 8	SUBS	
DATE	DEC. 1970	SCALE:	1" = 50'	

16-11



10/8/01	sketch beach house water line	BLR		
APR 68	AS BUILT	ZWR		
JULY 01	AS BUILT	F.J.L.		
FEB 67	REVISED FIRE HYDRANT LOCATION	F.J.L.		
NOV 66	REVISED PAVE SIZE	D.W.S.		
NO.	DATE	DESCRIPTION	BY	CHKD.
REVISIONS				
380, 387, 374				
<b>RUSSELL &amp; AXON • INC. •</b>				
CONSULTING ENGINEERS				
DAYTONA BEACH, FLA.		ST. LOUIS, MO.		
WATER WORKS PROJECT				
ANNA MARIA ISLAND WATER SYSTEM				
SECTION IX PART 'C'				
MANATEE COUNTY, FLORIDA		DESIGNED BY		
FILE NO.		6353-3e-14-IX		
DRAWN BY		R.H.S.		
SHEET		14 IX		
CHECKED BY		M.H. SIK		
OF 44		SHEETS		
DATE		SEPT. 1966		
SCALE:		1" = 50'-0"		
SEAL		No. 3748		

# **Florida Power & Light Distribution**

**From:** [Coker, Greg](#)  
**To:** [Lloyd Norris](#)  
**Subject:** RE: 436676-1-22-01 SR 789 from North Shore Road to Coquina Beach Entrance; Longboat Key, Florida; Manatee County  
**Date:** Wednesday, June 26, 2019 2:16:14 PM  
**Attachments:** [image002.png](#)

---

Lloyd,

FPL has 13KV OE distribution on the easterly side of Gulf Dr on both sides of the bridge (north and south), and also a BE / underwater 13KV feeder cable system that is east of the bridge along the light-blue alignment shown.

Many thanks for any feedback!



IR

TS

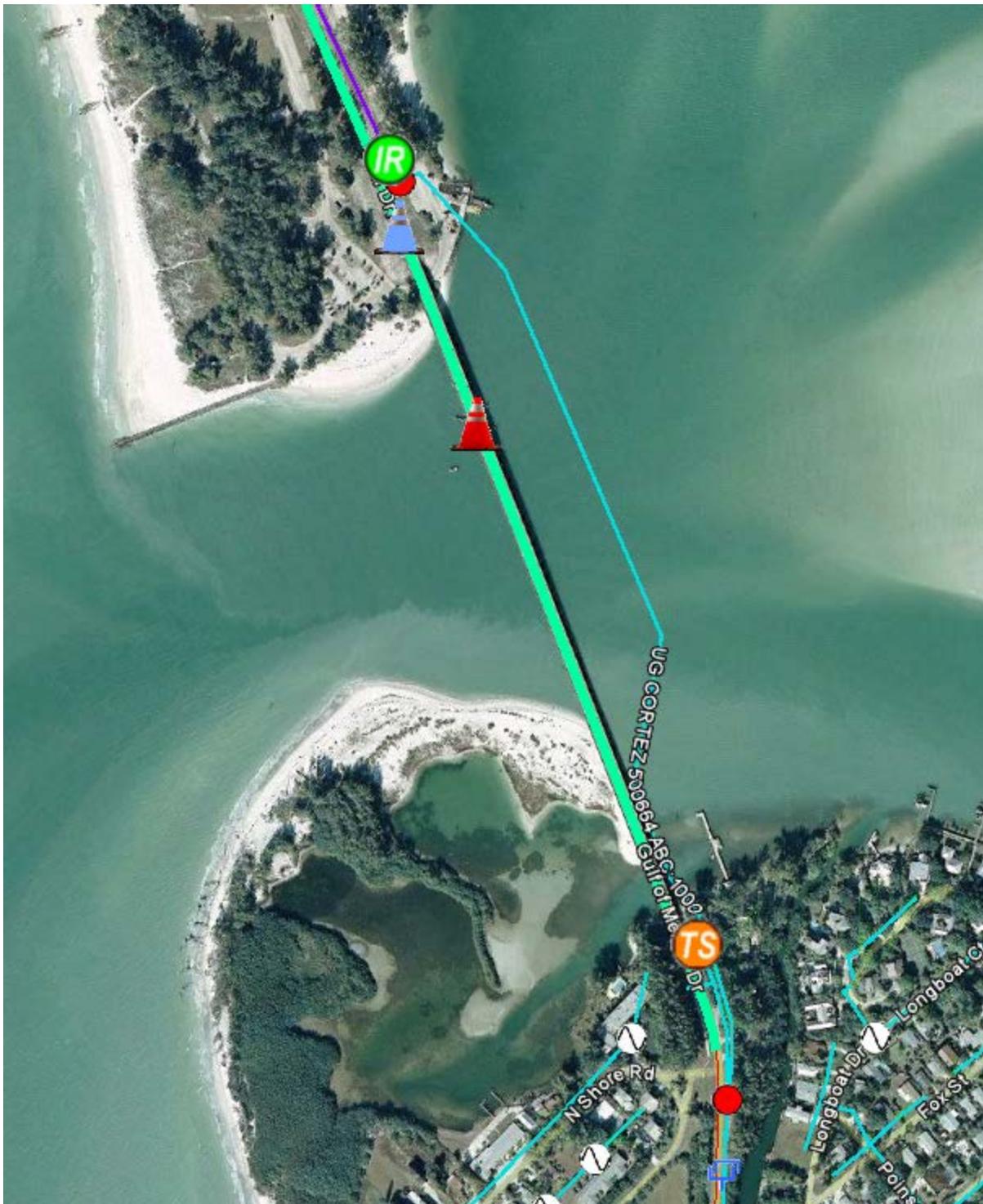
UG CORTIZ 500694 ABC 1002  
Gulf of Mexico

N Shore Rd

Longboat Dr

Fox St

Point



## Greg Coker

FLORIDA POWER & LIGHT - Distribution

West Area Relocations Coordinator

1253 12th Avenue East

Palmetto, FL 34221

941-723-4430 (w)

941-704-9087 (c)

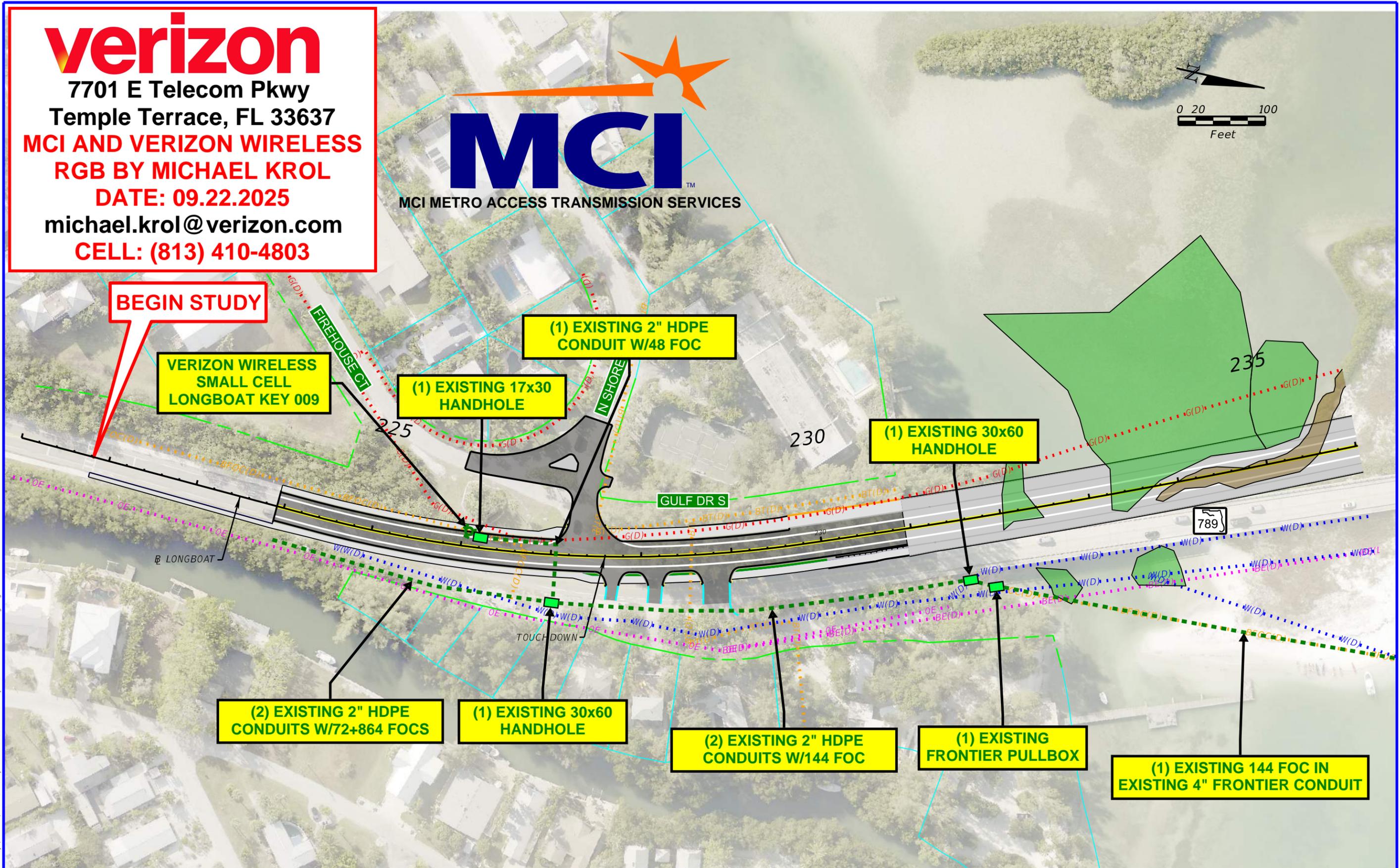
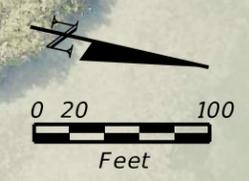
**MCI**

# verizon

7701 E Telecom Pkwy  
 Temple Terrace, FL 33637  
**MCI AND VERIZON WIRELESS**  
**RGB BY MICHAEL KROL**  
**DATE: 09.22.2025**  
 michael.krol@verizon.com  
 CELL: (813) 410-4803



MCI METRO ACCESS TRANSMISSION SERVICES



11:58:52 AM tswain P:\FL2005\00 Longboat Key (SR 789) PD&E Study\436676\2201\Roadway\PLANRD01 - Fixed Highway.dgn

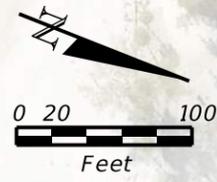
	EXISTING ROW		EXISTING SEAGRASS
	PROPOSED ROW		EXISTING MANGROVES
	PARCEL LINE		PROPOSED RETAINING WALL
	PROPOSED ROADWAY WITH BIKE LANES AND SIDEWALKS		PROPOSED BRIDGE WITH FLUSH SHOULDERS AND SIDEWALKS

SCALAR CONSULTING GROUP, INC.  
 5713 CORPORATE WAY  
 SUITE 200  
 WEST PALM BEACH, FL 33407

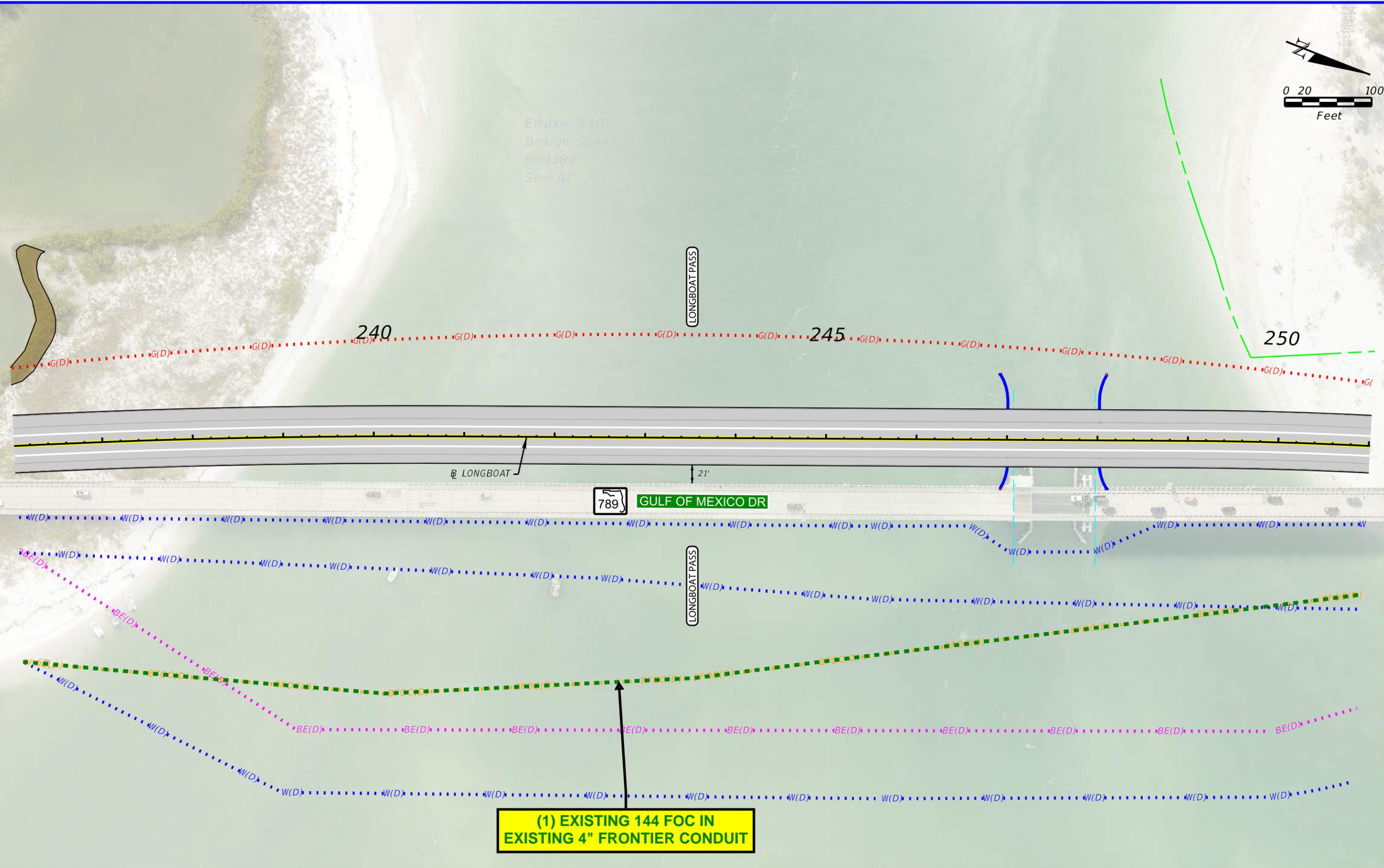
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 789	MANATEE	436676-1-22-01

**PREFERRED ALTERNATIVE**  
**HIGH-LEVEL FIXED**

SHEET NO.



Emax= %10  
 Design Speed =  
 R=4384'  
 Se= NC



**(1) EXISTING 144 FOC IN EXISTING 4" FRONTIER CONDUIT**

11:58:58 AM tswain P:\FL2005\00 Longboat Key (SR 789) PD&E Study\43667612201\Roadway\PLANRD01 - Fixed High.dgn

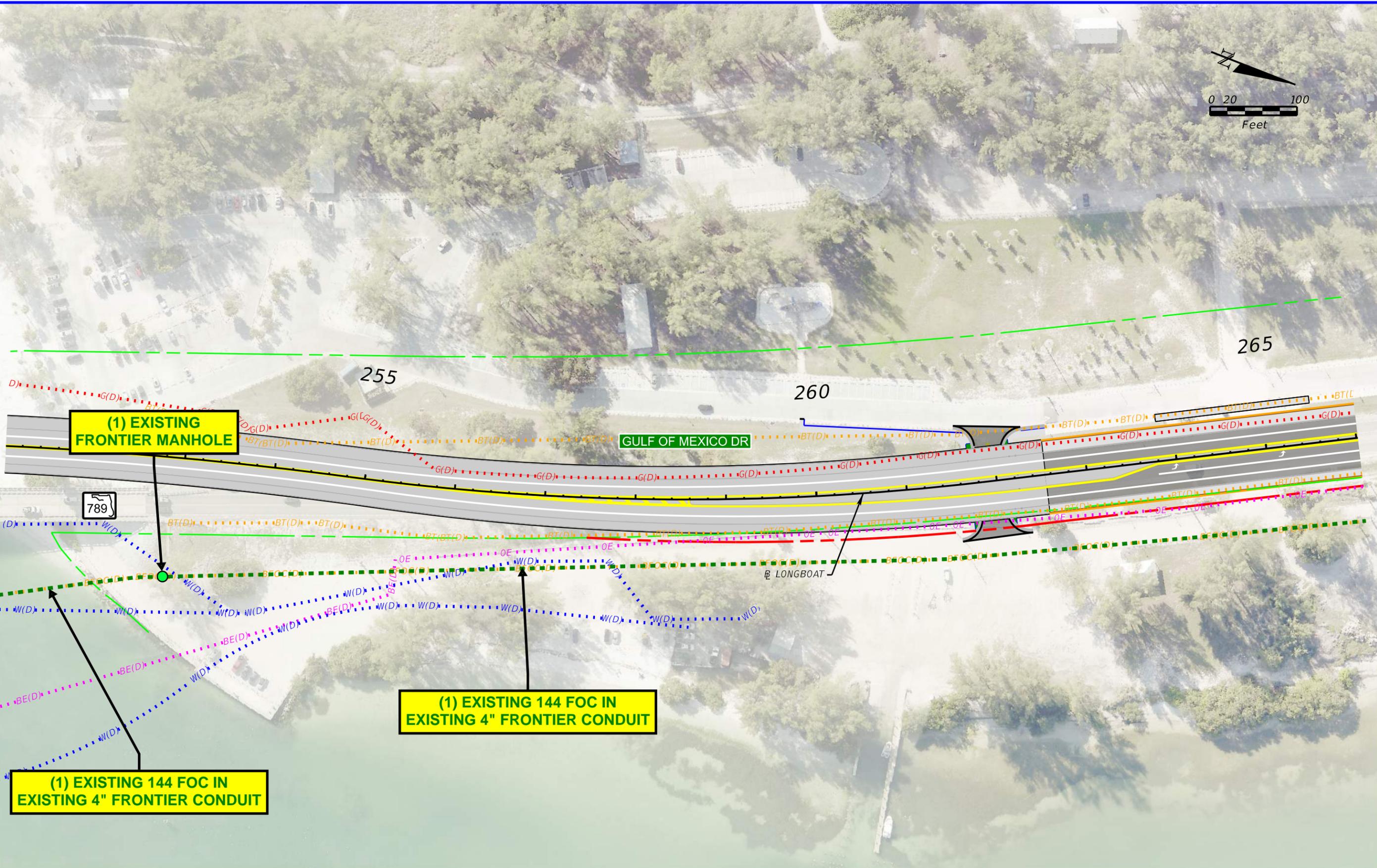
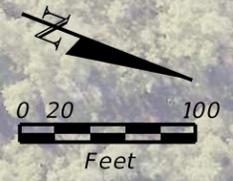
	EXISTING ROW		EXISTING SEAGRASS		PROPOSED ROADWAY WITH BIKE LANES AND SIDEWALKS
	PROPOSED ROW		EXISTING MANGROVES		PROPOSED BRIDGE WITH FLUSH SHOULDERS AND SIDEWALKS
	PARCEL LINE		PROPOSED RETAINING WALL		

SCALAR CONSULTING GROUP, INC.  
 5713 CORPORATE WAY  
 SUITE 200  
 WEST PALM BEACH, FL 33407

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 789	MANATEE	436676-1-22-01

**PREFERRED ALTERNATIVE  
 HIGH-LEVEL FIXED**

SHEET NO.



7/10/2025 11:59:04 AM tswain  
 P:\FL2005\00 Longboat Key (SR 789) PD&E Study\43667612201\Roadway\PLANRD01 - Fixed High.dgn

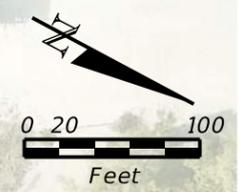
	EXISTING ROW		EXISTING SEAGRASS		PROPOSED ROADWAY WITH BIKE LANES AND SIDEWALKS
	PROPOSED ROW		EXISTING MANGROVES		PROPOSED BRIDGE WITH FLUSH SHOULDERS AND SIDEWALKS
	PARCEL LINE		PROPOSED RETAINING WALL		

SCALAR CONSULTING GROUP, INC.  
 5713 CORPORATE WAY  
 SUITE 200  
 WEST PALM BEACH, FL 33407

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 789	MANATEE	436676-1-22-01

**PREFERRED ALTERNATIVE  
HIGH-LEVEL FIXED**

SHEET NO.  
 \_\_\_\_\_



Coquina Beach Cafe

(1) EXISTING 30x60 HANDHOLE

(2) EXISTING 2" HDPE CONDUITS W/864 FOC

END STUDY

270



275

GULF OF MEXICO DR

LONGBOAT

Manatee County Beach Patrol

(1) EXISTING FRONTIER PULL BOX

Leffis Key Pavilion

(1) EXISTING 144 FOC IN EXISTING 4" FRONTIER CONDUIT

(1) EXISTING 2" HDPE CONDUIT W/144 FOC

P:\FL2005.00 Longboat Key (SR 789) PD&E Study\43667612201\Roadway\PLANRD01 - Fixed High.dgn

	EXISTING ROW		EXISTING SEAGRASS		PROPOSED ROADWAY WITH BIKE LANES AND SIDEWALKS
	PROPOSED ROW		EXISTING MANGROVES		PROPOSED BRIDGE WITH FLUSH SHOULDERS AND SIDEWALKS
	PARCEL LINE		PROPOSED RETAINING WALL		

SCALAR CONSULTING GROUP, INC.  
5713 CORPORATE WAY  
SUITE 200  
WEST PALM BEACH, FL 33407

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 789	MANATEE	436676-1-22-01

**PREFERRED ALTERNATIVE  
HIGH-LEVEL FIXED**

SHEET NO.

# **TECO Peoples Gas**

**From:** [Baublitz, Anthony F.](#)  
**To:** [Lloyd Norris](#)  
**Cc:** [Shanahan, Daniel J.](#)  
**Subject:** Longboat  
**Date:** Wednesday, June 26, 2019 12:11:09 PM  
**Attachments:** [image001.png](#)

---

Lloyd,

Attached is an aerial showing our 6" coated steel pipe. Please let me know if you have any questions.

Thanks

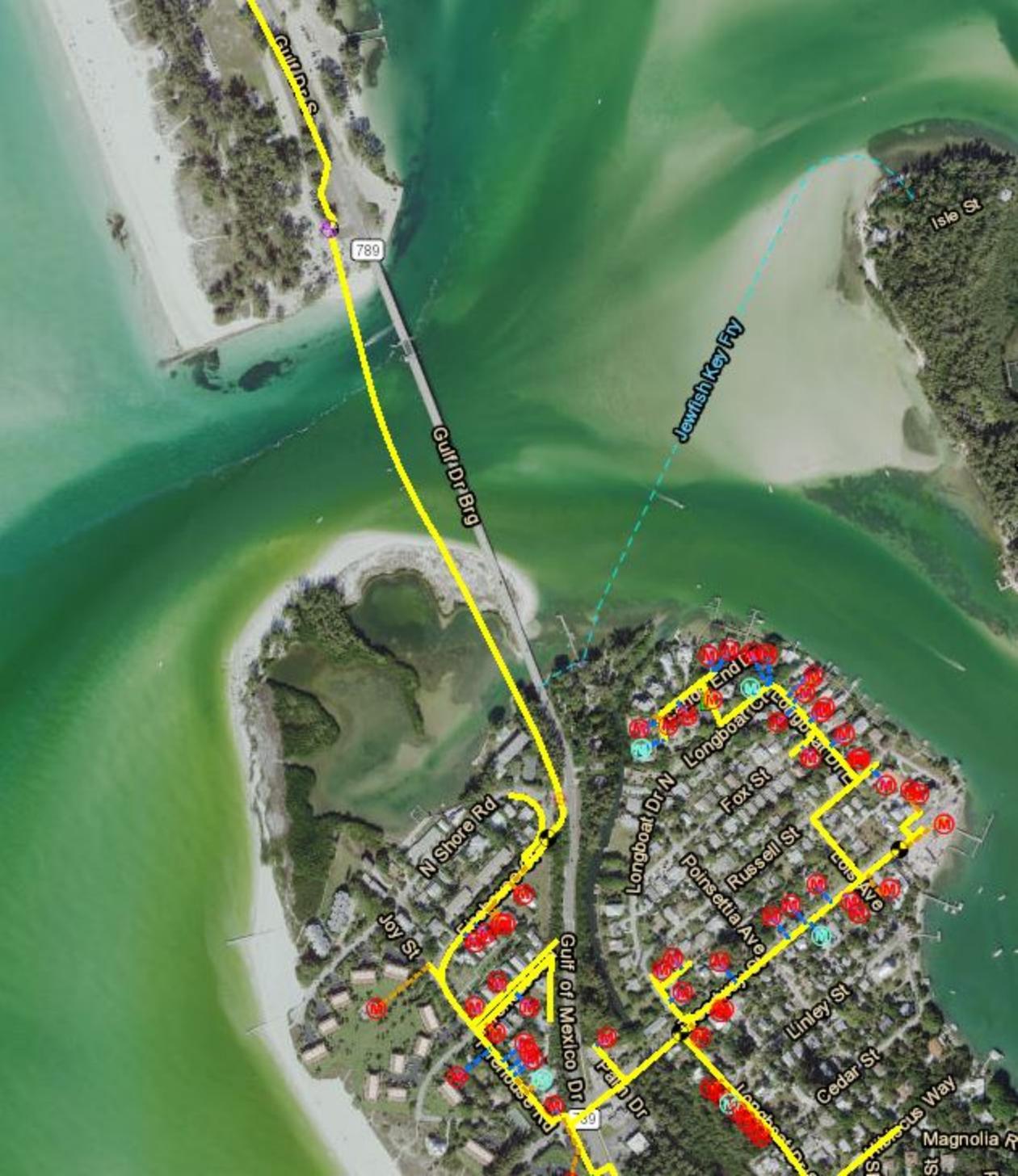
*Anthony F. Baublitz Sr.*

Gas Design Project Manager  
8261 Vico Ct Sarasota, FL 34240  
Office: 941-342-4025  
Cell: 941-313-6761  
[AFBaublitz@tecoenergy.com](mailto:AFBaublitz@tecoenergy.com)



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Gulf Dr

789

Gulf Dr Bldg

Jewfish Key Fry

Isle St

N Shore Rd

Joy St

Longboat Dr N

Fox St

Poinsettia Ave

Russell St

Cole Ave

Linley St

Cedar St

Gulf of Mexico Dr

Palp Dr

Magnolia R

# Town of Longboat Key

COMPONENTS OF CONTRACT PLANS SET

ROADWAY PLANS

A DETAILED INDEX APPEARS ON THE  
KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2 - 10	BASE MAP

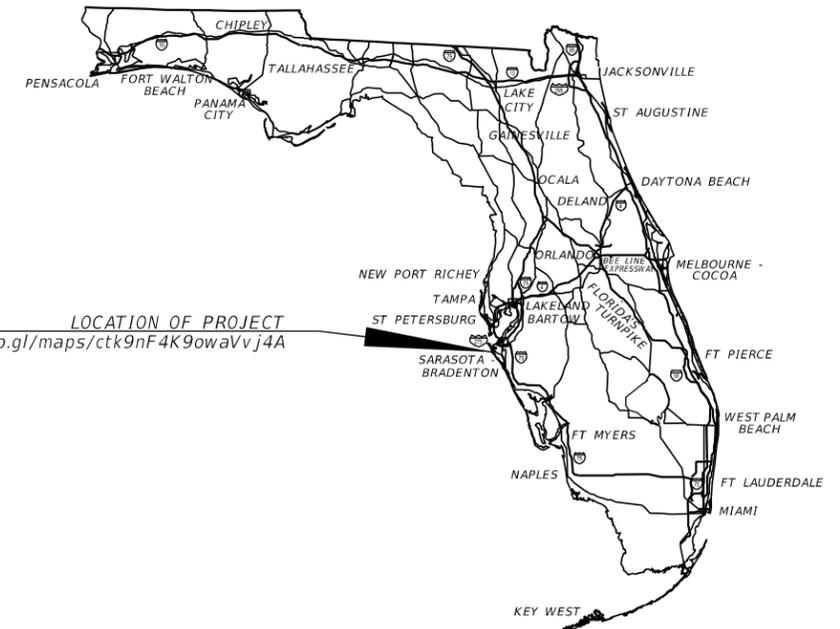
STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

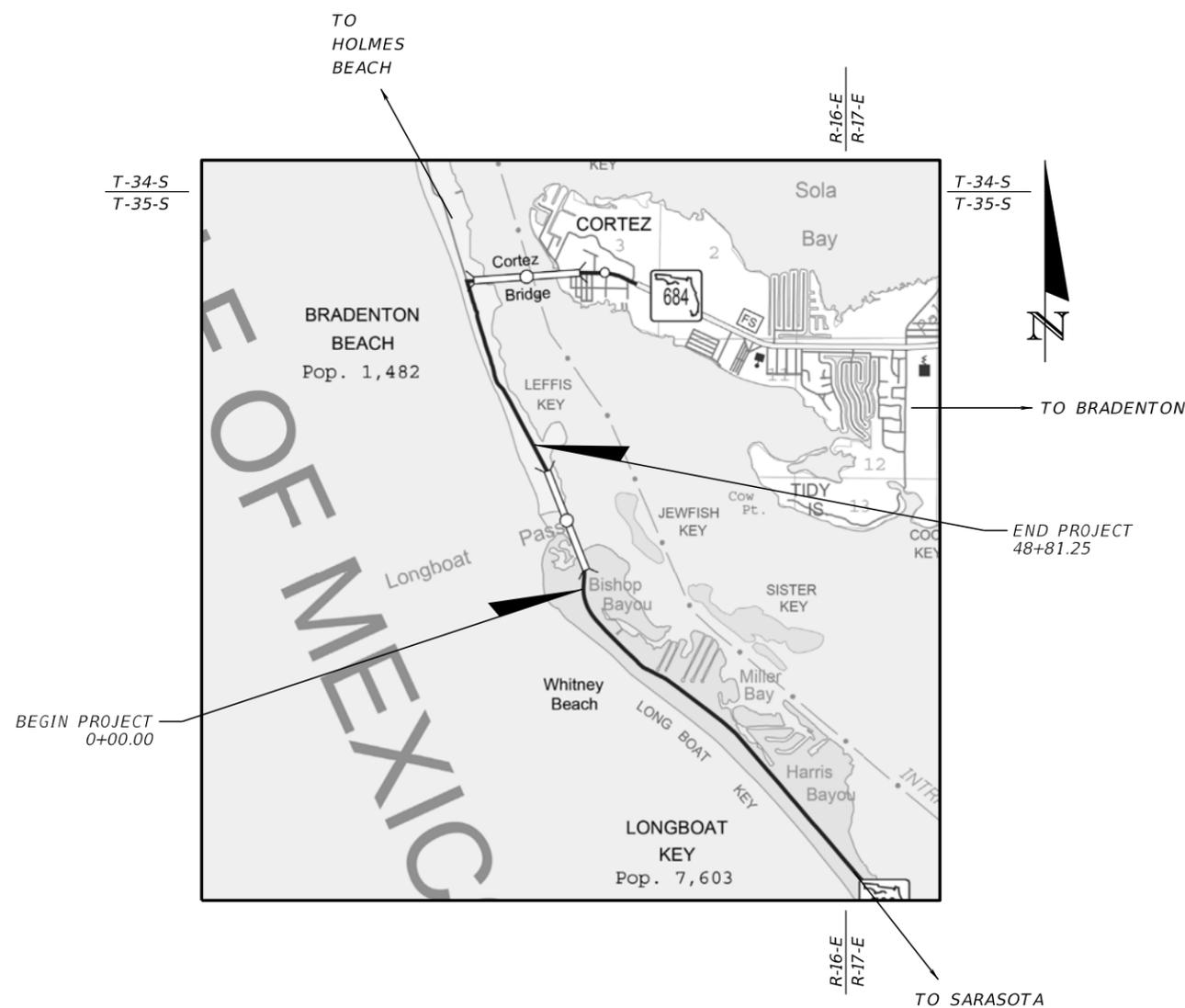
FINANCIAL PROJECT ID 436676-1-22-01

MANATEE COUNTY (13080)

STATE ROAD NO. 789



LOCATION OF PROJECT  
<https://goo.gl/maps/ctk9nF4K9owaVvj4A>



ROADWAY PLANS  
ENGINEER OF RECORD:

BRIAN BRANTLEY, P.E.  
P.E. LICENSE NUMBER 62390  
SCALAR CONSULTING GROUP, INC.  
13337 NORTH 56th STREET  
TAMPA, FL 33617  
CONTRACT NO.: CA793  
VENDOR NO.: 451909667

FDOT PROJECT MANAGER:

PATRICK BATEMAN, P.E.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
TBD	20	1



6/17/2020 10:51:52 AM IgnacioAlmagro  
 J:\WORKSETS\FDOT\43667612201\ROADWAY\PLANRD01.DGN

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BASE MAP	SHEET NO.  2
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				789	MANATEE	436676-1-22-01		

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 D = 06°59'45"  
 T = 169.23  
 L = 333.77  
 R = 819.00  
 PC STA. = 126+38.06  
 PT STA. = 129+71.84  
 e =



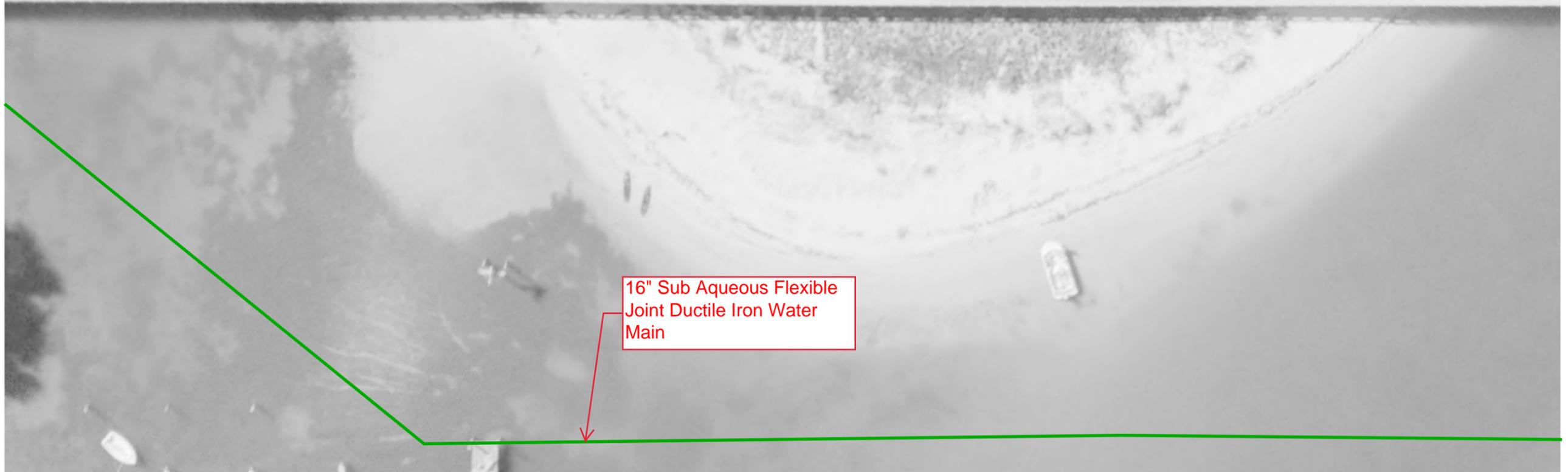
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REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BASE MAP	SHEET NO. 3
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				789	MANATEE	436676-1-22-01		



133 134 135 136 137 138

LONGBOAT KEY (SR 789)

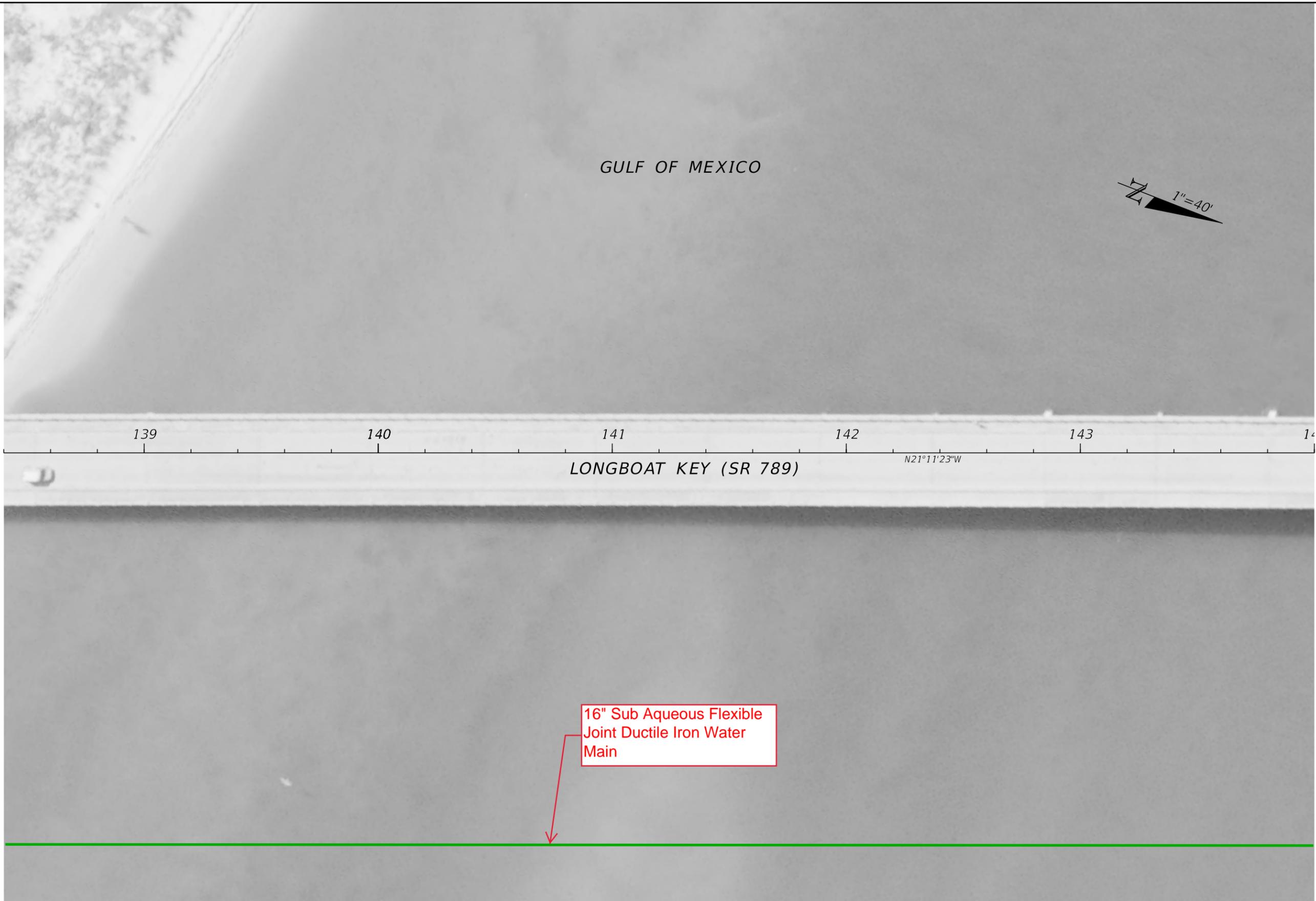


16" Sub Aqueous Flexible  
Joint Ductile Iron Water  
Main

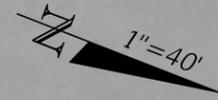
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REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				789	MANATEE	436676-1-22-01	4

BASE MAP



GULF OF MEXICO



139

140

141

142

143

144

LONGBOAT KEY (SR 789)

N21°11'23\"/>

16" Sub Aqueous Flexible  
Joint Ductile Iron Water  
Main

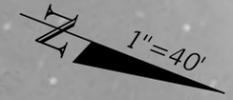
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
789	MANATEE	436676-1-22-01

BASE MAP
SHEET NO. 5

GULF OF MEXICO



144

145

146

147

148

149

LONGBOAT KEY (SR 789)

LONGBOAT PASS

16" Sub Aqueous Flexible  
Joint Ductile Iron Water  
Main

6/17/2020 10:52:11 AM I:\WORKSETS\FDOT\43667612201\ROADWAY\PLANRD01.DGN

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BASE MAP	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				789	MANATEE	436676-1-22-01		6



16" Sub Aqueous Flexible  
Joint Ductile Iron Water  
Main

6/17/2020 10:52:16 AM I:\WORKSETS\FDOT\43667612201\ROADWAY\PLANRD01.DGN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

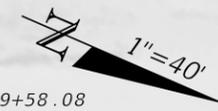
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
789	MANATEE	436676-1-22-01

**BASE MAP**

SHEET  
NO.  
  
7



CURVE DATA  
 PI STA. = 159+58.08  
 $\Delta$  = 06°50'01" (LT)  
 D = 00°45'00"  
 T = 456.09  
 L = 911.10  
 R = 7,639.00  
 PC STA. = 155+01.99  
 PT STA. = 164+13.09  
 e =



6/17/2020 10:52:21 AM I:\WORKSETS\FDOT\43667612201\ROADWAY\PLAN\RD01.DGN

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BASE MAP	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				789	MANATEE	436676-1-22-01		8



6/17/2020 10:52:26 AM  
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
789	MANATEE	436676-1-22-01

BASE MAP

SHEET  
 NO.  
 9



6/17/2020 10:52:31 AM IgnacioAlmagro  
 J:\WORKSETS\FDOT\43667612201\ROADWAY\PLANRD01.DGN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
789	MANATEE	436676-1-22-01

<h2>BASE MAP</h2>
SHEET NO. 10