



16591/FL 2756

June 16, 2020

PUBLIC NOTICE (04-20)

All interested parties are notified that the Commander, Seventh Coast Guard District has received an application from the State of Florida Department of Transportation, (FDOT) requesting approval of the location and plans for the construction of a bridge over a navigable waterway of the United States.

WATERWAY AND LOCATION: Atlantic Intracoastal Waterway (AICW) mile 964.8, (Indian River Lagoon) on State Road A1A at Fort Pierce, St. Lucie County, FL. at Latitude 27°28' 19.14"N, Longitude 80°19' 28.28"W. The bridge is known as the A1A North Causeway Bridge.

CHARACTER OF WORK: The Florida Department of Transportation proposes replacing the existing bascule bridge with a high-level, fixed-span bridge adjacent to the existing bridge on the north side. The typical section of the replacement bridge includes two 12-foot travel lanes, 8 foot shoulders to accommodate bicycle lanes and an 8 foot sidewalk on one side, and 12.167 foot sidewalk on other. The overall length of the proposed bridge will be 4,159.875 feet long and the out-to-out width will be 64.583 feet.

MINIMUM NAVIGATIONAL CLEARANCES:

Existing Clearances

Horizontal:

90.0 ft. between face of fenders

Vertical:

24.9 ft. above Mean High Water (draw closed)

26.28 ft. above Mean Low Water (draw closed)

Proposed Clearance

Horizontal

155.5 ft. between face of piles

Vertical

85.25 ft. above Mean High Water

83.63 ft. above Mean Low Water

ENVIRONMENTAL CONSIDERATIONS:

The FDOT as the lead federal agency through National Environmental Policy Act (NEPA) assignment has made a determination that the proposed project is a Categorical Exclusion (CATEX) for purposes of NEPA. The Coast Guard made a tentative determination the project qualifies as a CATEX because it satisfies criteria for such actions listed in the Coast Guard's NEPA Implementing Instructions.

The bridge is located in the floodplain, however, there will be no encroachment into the floodplain. The South Florida Water Management District (SFWMD) is the certifying agency, as defined in 40 CFR § 121.1 (e), for issuance of Water Quality Certification (WQC) pursuant to Section 401, Public Law 92-500, 33 U.S.C. Section 1341. A General Environmental Resource Permit (ERP) has been applied for.

ANTICIPATED IMPACTS TO NAVIGATION DURING CONSTRUCTION:

Anticipated impacts to navigation during construction include use of construction barges within the waterway. Mariners will be notified of the details of in-water construction activities which may impact navigation at and around the bridge site. Details of any such impacts will be disseminated to mariners via the Coast Guard’s Local Notice to Mariners (LNM). To subscribe to the Coast Guard LNM and other free Coast Guard navigation notification services, please visit <http://www.navcen.uscg.gov/> under “Subscribe / Report (free)” select the notifications you wish to receive; note this project is located in the Seventh Coast Guard District area.

REMOVAL OF EXISTING BRIDGE:

All parts of the existing to be replaced bridge, not utilized for the new bridge, will be removed in their entirety. The foundations will be cut off approximately two feet below the existing natural bottom of the waterway.

SOLICITATION OF COMMENTS:

Mariners are requested to comment on the proposed vertical and horizontal navigational clearances and other navigational safety issues including, but not limited to, the extent of nighttime navigation, need for bridge fendering, and impacts due to construction activities.

Interested parties are requested to express their views, in writing, on the proposed bridge project including its possible impact on minority and/or low income population, if any, giving sufficient detail to establish a clear understanding of reasons for support of, or opposition to, the proposed work. Comments will be received for the record at the office of: Commander (dpb), Seventh Coast Guard District, 909 SE 1st Ave., Ste. 432, Miami, Florida 33131-3028, for a 30-day period from the date of this Public Notice. The Coast Guard project manager for this application is Mr. Gwin Tate, who can be contacted by telephone at (305) 415-6747, by mail at the above address, or e-mail at William.G.Tate@Uscg.Mil Comments received will be made part of the project administrative record.

Map of location and plans attached.

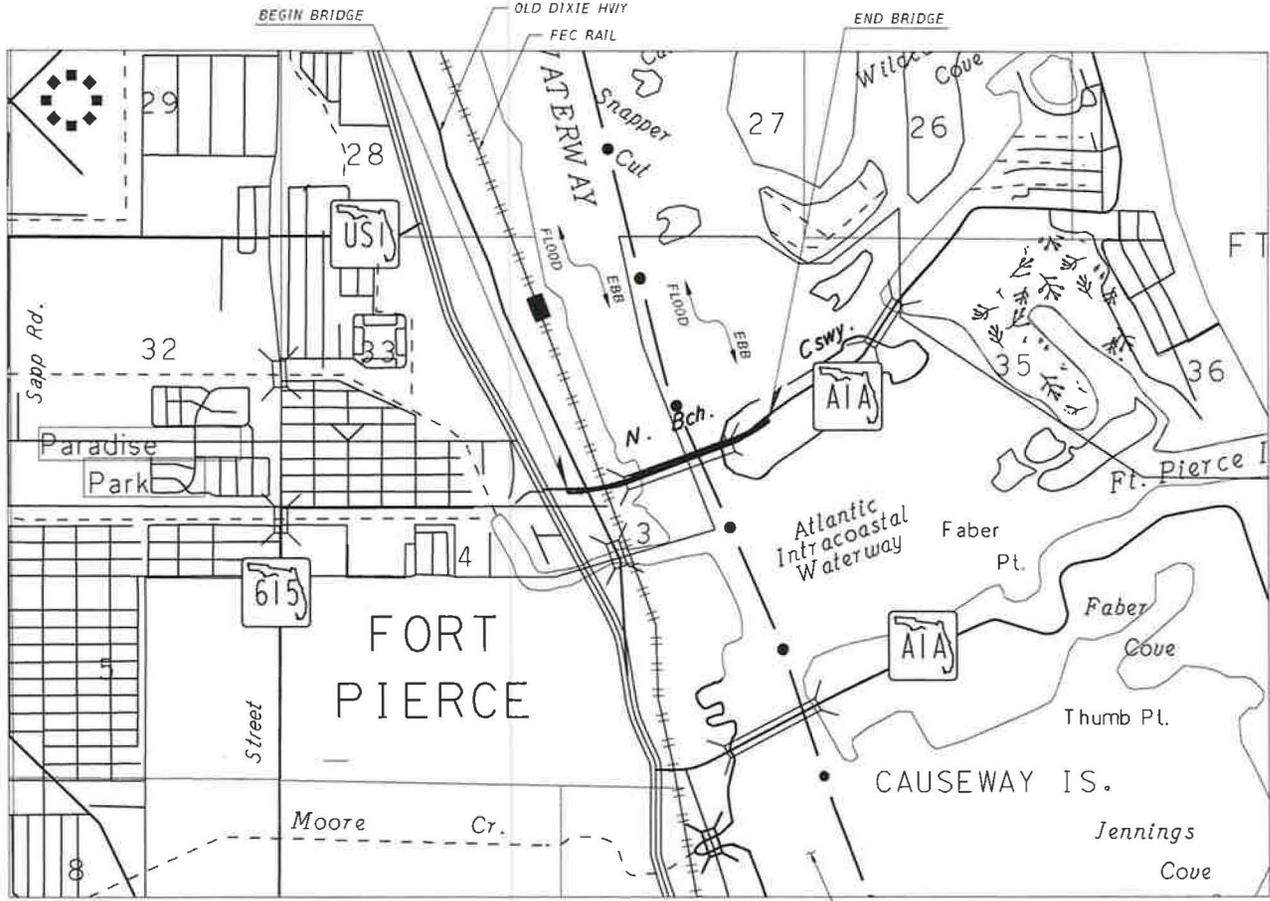
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- 9 OF 9 FENDER DETAIL

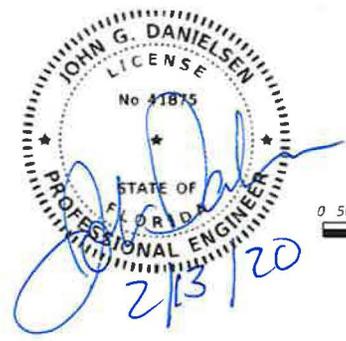


NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.

NOTE: CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT.



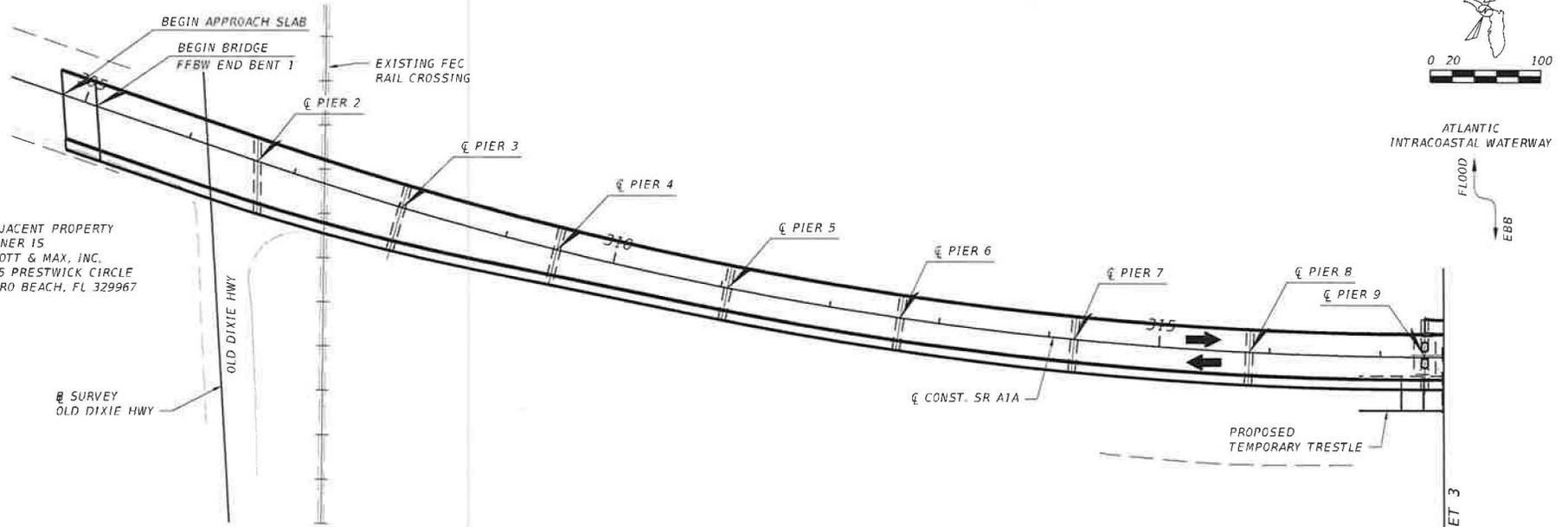
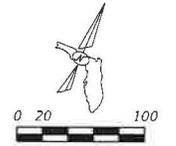
VICINITY MAP



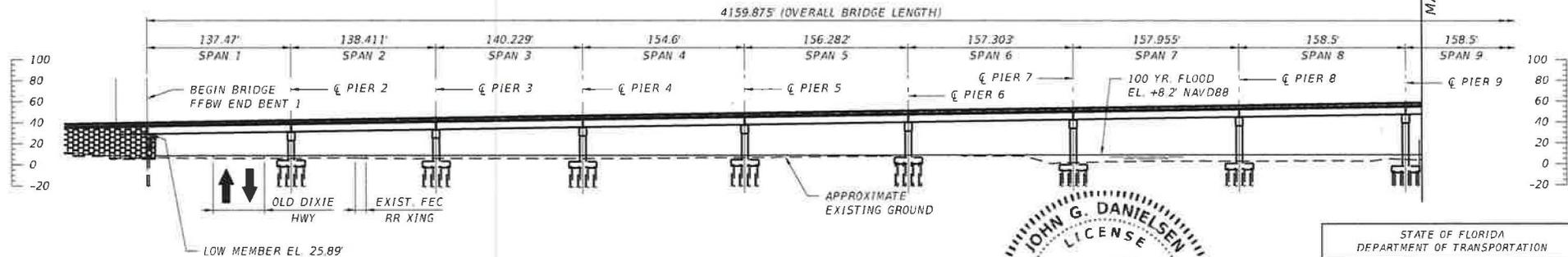
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	
HDR ENGINEERING, INC. CONSULTING ENGINEERS FT. LAUDERDALE, FLORIDA	
AIA NORTH CAUSEWAY BRIDGE OVER ATLANTIC INTRACOASTAL WATERWAY M.P. 964.8 CITY OF FT. PIERCE ST. LUCIE COUNTY, FLORIDA	

ADJACENT PROPERTY
OWNER IS UNITED
PARTNERS LII, INC.
2101 OLD DIXIE HWY.
FT. PIERCE, FL 34946

ADJACENT PROPERTY
OWNER IS
SCOTT & MAX, INC.
105 PRESTWICK CIRCLE
VERO BEACH, FL 32967



PARTIAL PLAN



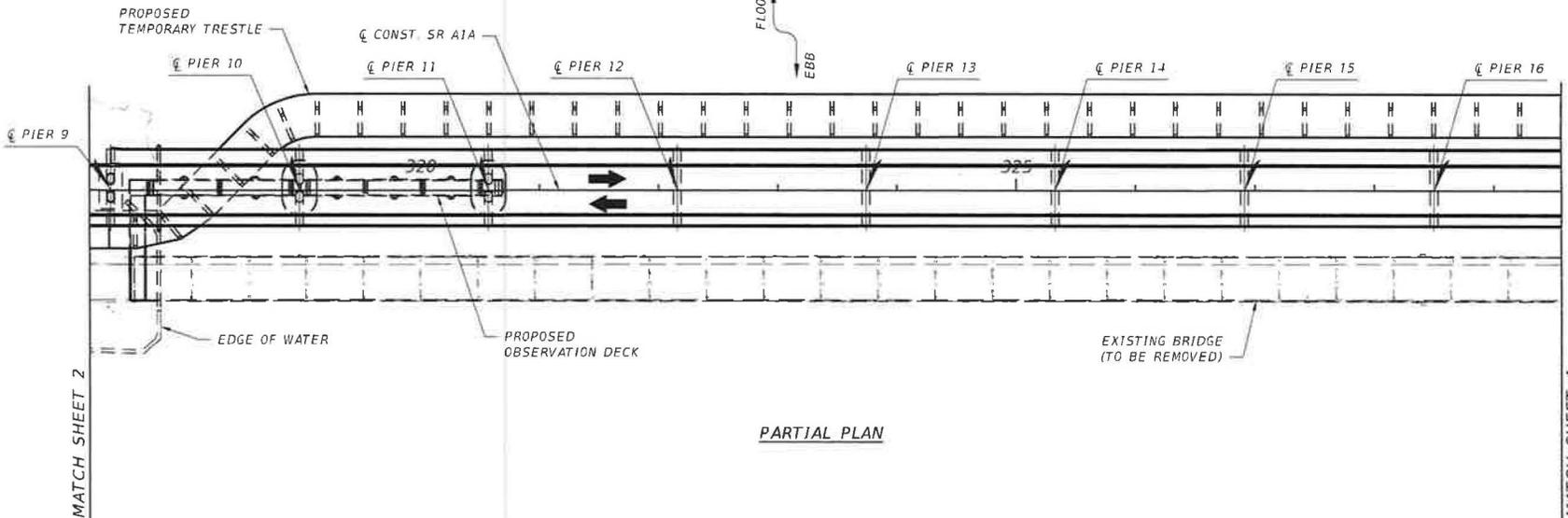
PARTIAL ELEVATION



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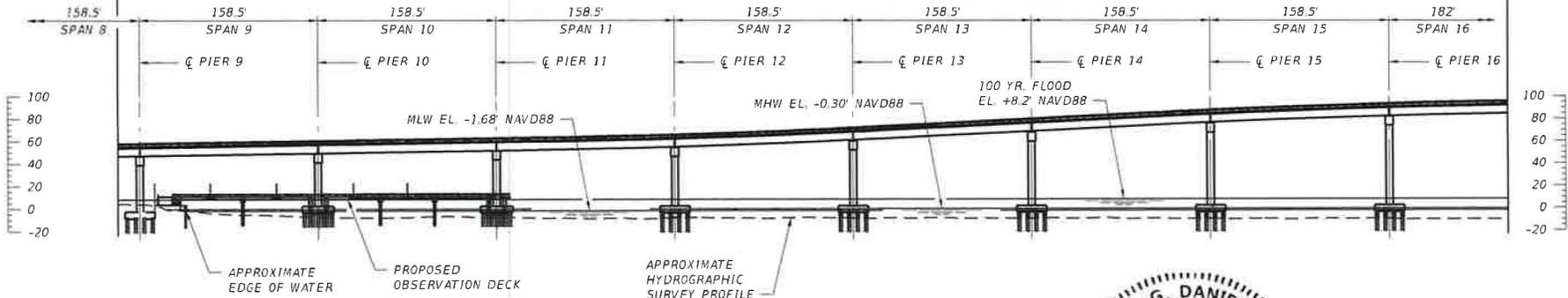
ATLANTIC
INTRACOASTAL WATERWAY

FLOOD
EBB



PARTIAL PLAN

4159.875' (OVERALL BRIDGE LENGTH)

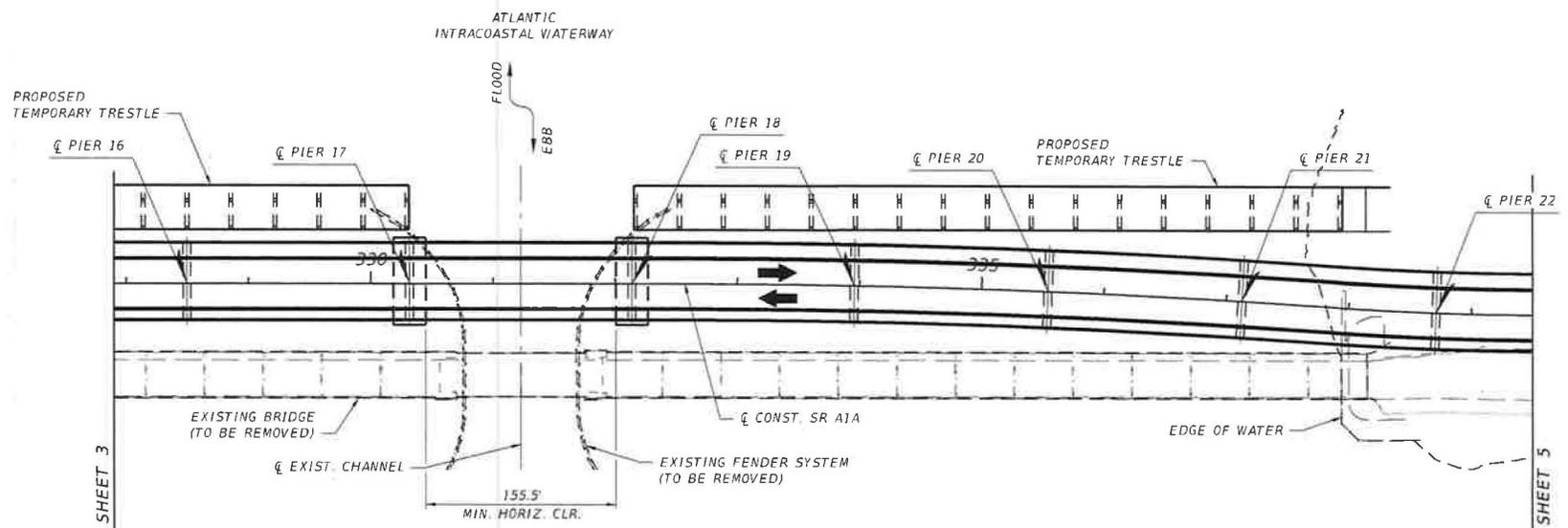
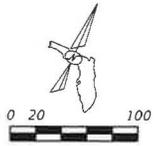


PARTIAL ELEVATION

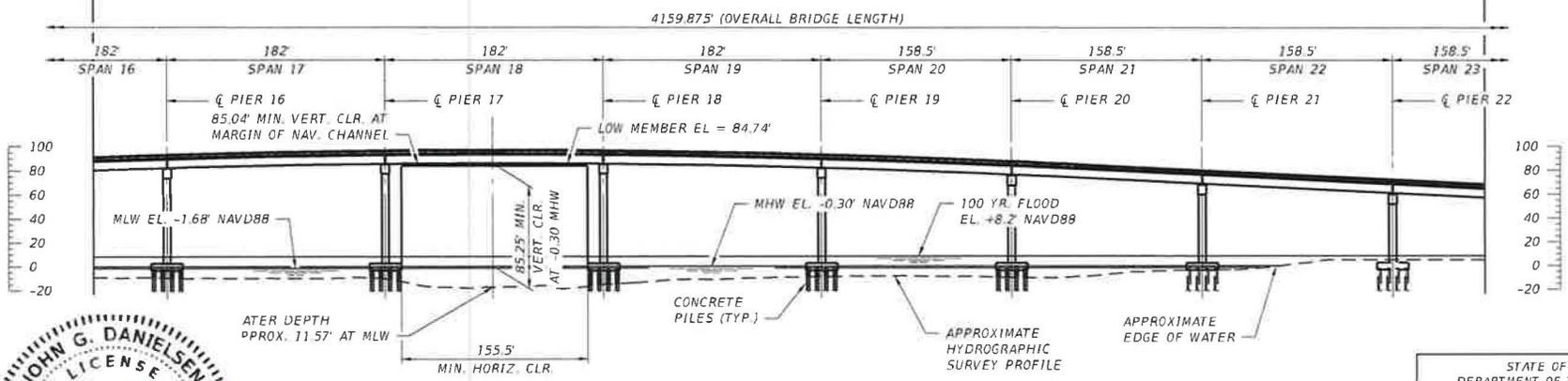


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01/13/2020	PLAN AND ELEVATION	SHEET 3 OF 9
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PARTIAL PLAN



PARTIAL ELEVATION

JOHN G. DANIELSEN

 LICENSE

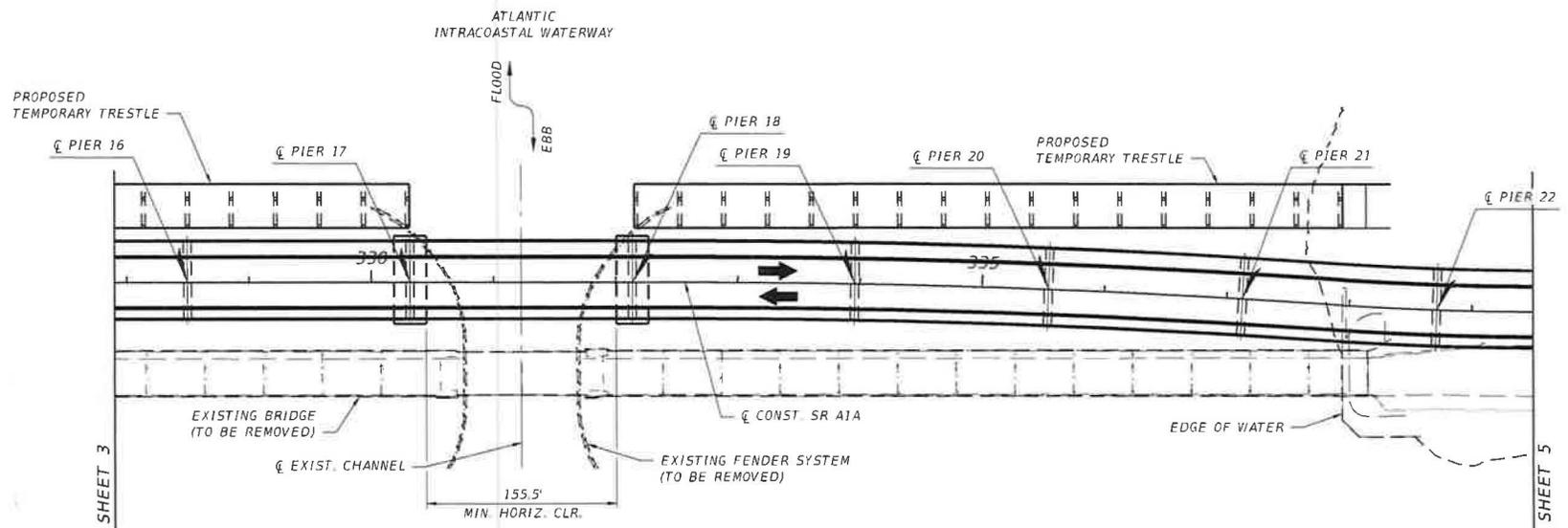
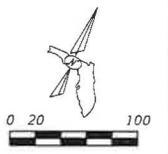
 No 41875

 STATE OF FLORIDA

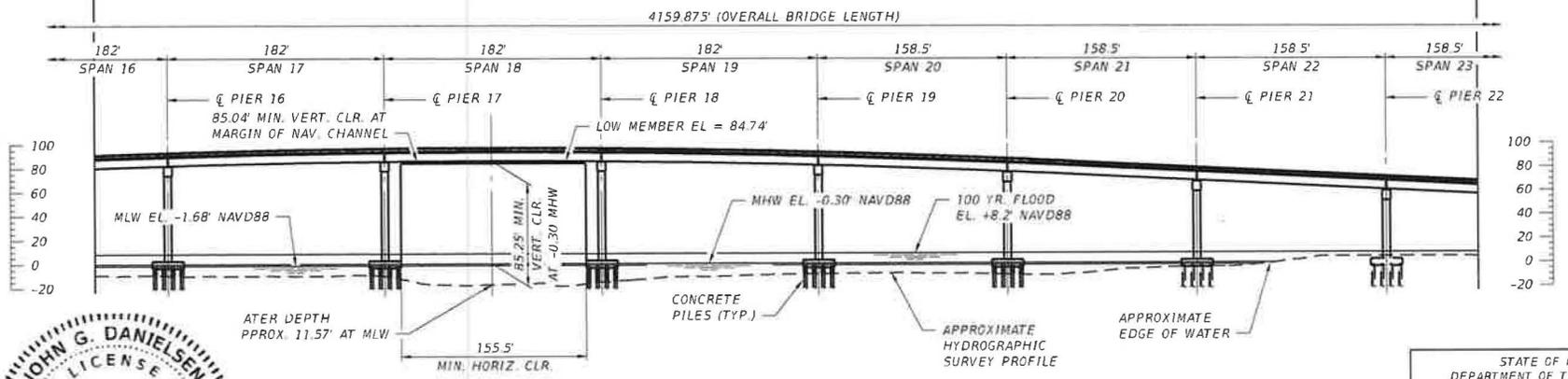
 PROFESSIONAL ENGINEER

 2/13/20

STATE OF FLORIDA
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 HDR ENGINEERING, INC.
 CONSULTING ENGINEERS
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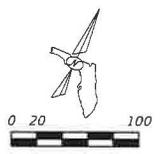
PARTIAL PLAN



PARTIAL ELEVATION

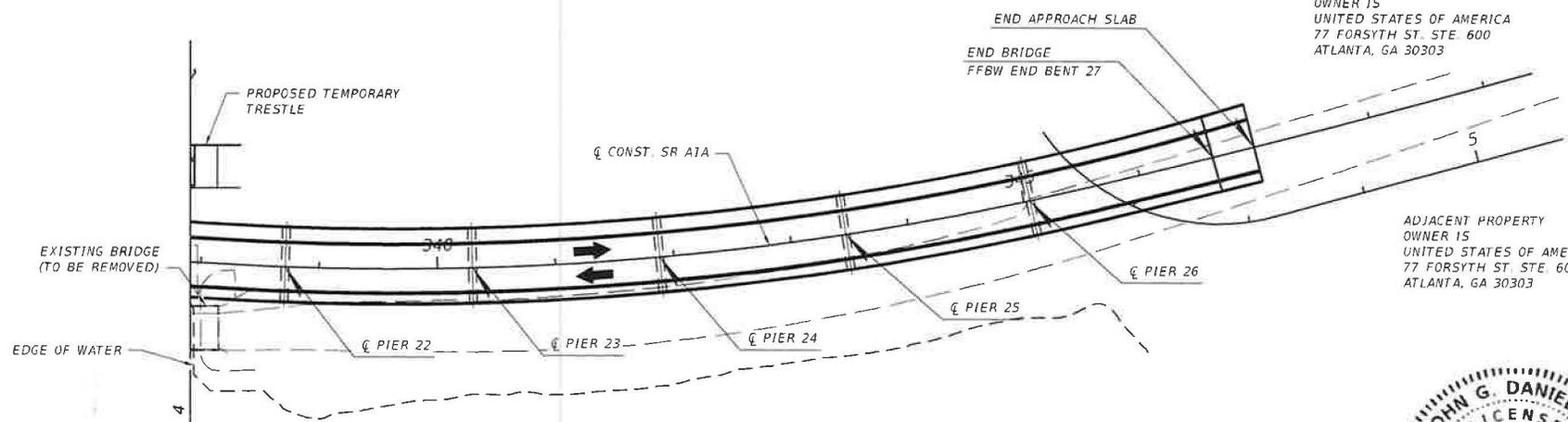
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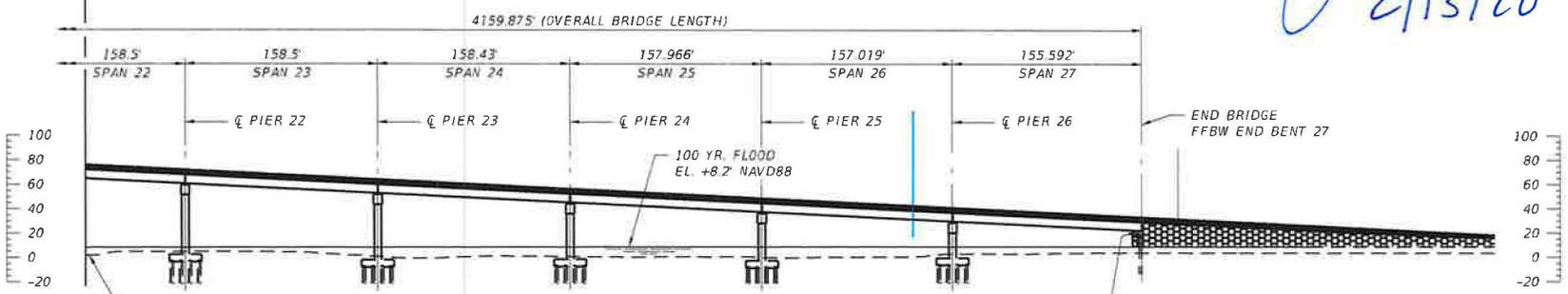


ADJACENT PROPERTY
OWNER 15
UNITED STATES OF AMERICA
77 FORSYTH ST. STE. 600
ATLANTA, GA 30303

ADJACENT PROPERTY
OWNER 15
UNITED STATES OF AMERICA
77 FORSYTH ST. STE. 600
ATLANTA, GA 30303

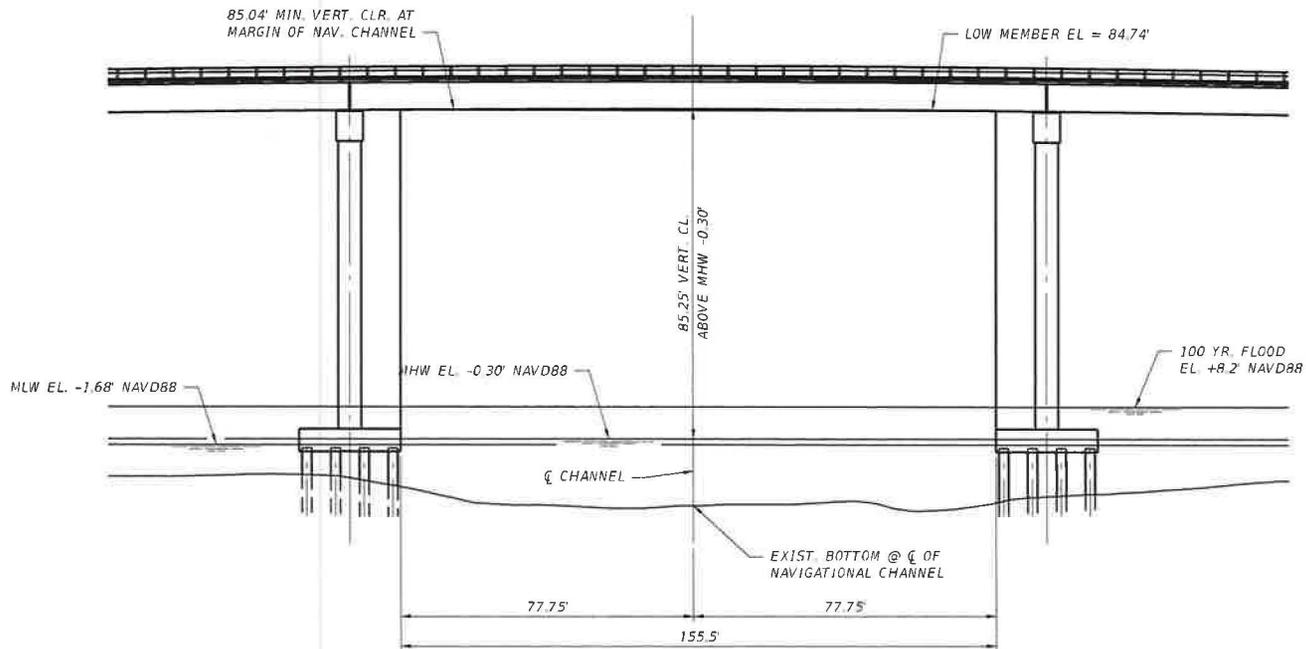


PARTIAL PLAN



PARTIAL ELEVATION

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HDR ENGINEERING, INC. CONSULTING ENGINEERS FT. LAUDERDALE, FLORIDA		
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01/13/2020	PLAN AND ELEVATION	SHEET 5 OF 9

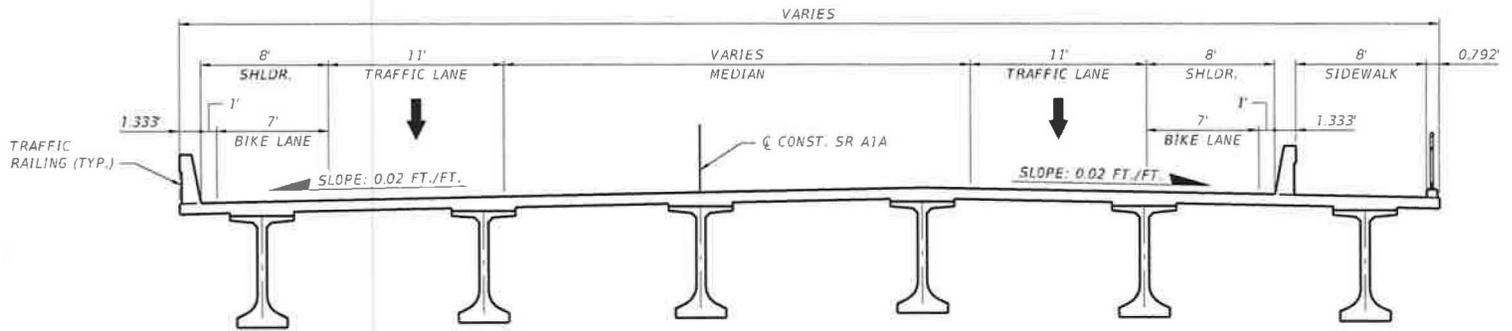


NAVIGATIONAL CLEARANCES

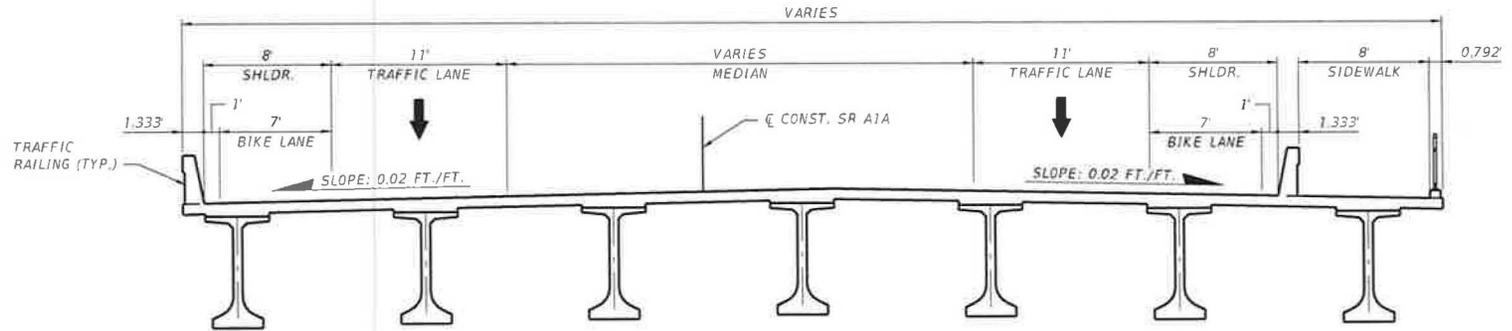


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01/13/2020	NAVIGATION CLEARANCE DETAIL	SHEET 6 OF 9
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TYPICAL SECTION
(SPANS 1 AND 2)

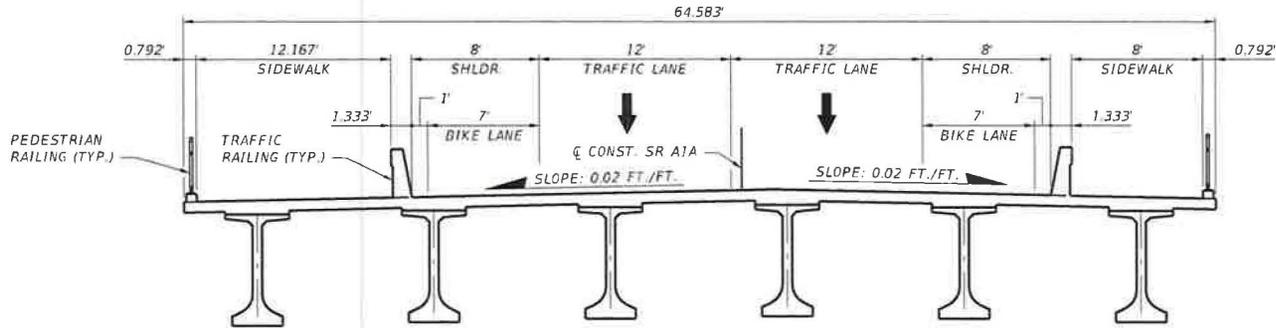


TYPICAL SECTION
(SPANS 3 THRU 8)

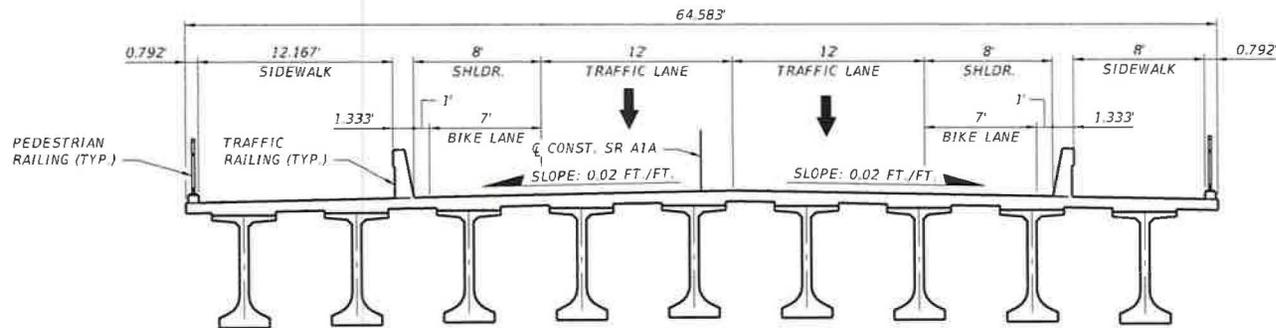


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STATE OF FLORIDA
PROFESSIONAL ENGINEER
2/13/20

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01/13/2020	TYPICAL SECTION	SHEET 7 OF 9



TYPICAL SECTION
(SPANS 9 THRU 15 AND 19 THRU 26)



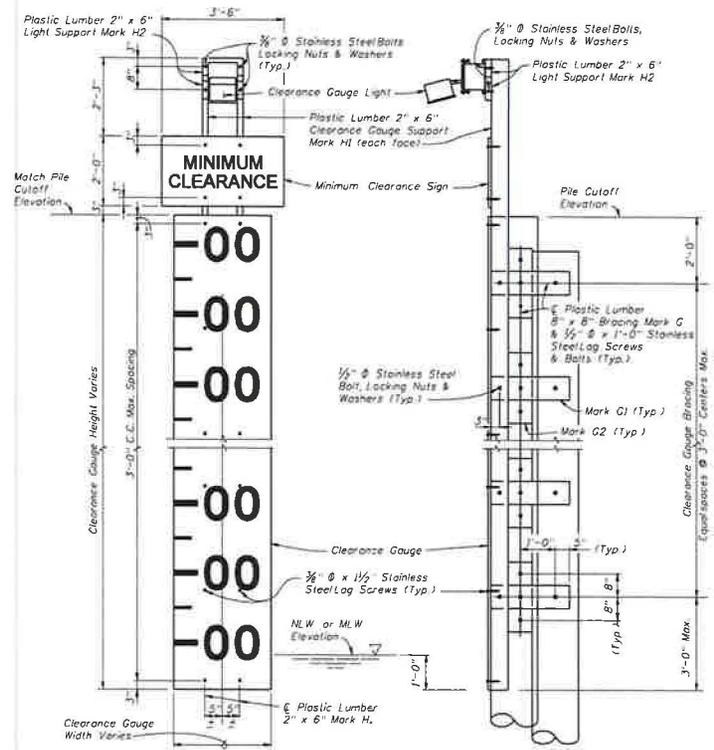
TYPICAL SECTION
(SPANS 16 THRU 18)
(MAIN SPANS)



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ATLANTIC INTRACOASTAL WATERWAY
M.P. 964 B
CITY OF FT. PIERCE
ST. LUCIE COUNTY, FLORIDA

01/13/2020	TYPICAL SECTION	SHEET 8 OF 9
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CLEARANCE GAUGE DETAILS

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