

U.S. Department of
Homeland Security

United States
Coast Guard



Commander
United States Coast Guard
Seventh District

909 SE 1st Avenue
Miami, Florida 33131
Staff Symbol: (dpb)
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Fax: (305) 415-6763
Email: Lisia.j.kowalczyk@uscg.mil

16591/3869
November 8, 2021

PUBLIC NOTICE (09-21)

All interested parties are notified that the Commander, Seventh Coast Guard District has received an application from Metric Engineering, Inc., on behalf of Broward County Board of Commissioners, requesting approval of the location and plans for the construction of a pedestrian bridge over a navigable waterway of the United States.

WATERWAY AND LOCATION: North New River Canal (G-15), mile 6.3, from the confluence with the Intracoastal Waterway at Fort Lauderdale, Broward County, FL. Latitude 26° 5' 17.5122" N, Longitude -80° 13' 12.8244"W (26.088198, -80.2202289)

CHARACTER OF WORK: The project proposes constructing a fixed-span pedestrian bridge crossing the North New River Canal (G-15) at SR-7 SB ramp to WB SR-84 with access walkway on N. side of canal. The bridge will connect pedestrian areas on the north side of the canal to the existing greenway trail system on the south side of the canal. The access walkway will connect to the existing sidewalk system in Riverland Woods Park on the east, and will cross under the existing SR-7 vehicular bridges. The width of the canal is 101 feet at the project location. The overall length of the proposed bridge will be 200.19 ft. and will have a width of 14.25 ft.

MINIMUM NAVIGATIONAL CLEARANCES:

Proposed

Horizontal:

49.85 ft. between face of piles

Vertical:

14 ft. above Mean High Water

15.3 ft. above Mean Low Water

ENVIRONMENTAL CONSIDERATIONS:

The Coast Guard, as the lead federal agency, has made the determination that the proposed project is a categorical exclusion (CE) for the purposes of the National Environmental Policy Act (NEPA) because it satisfies criteria for such actions listed in the Coast Guard's NEPA Implementing Instructions. The documents are available for review at the above address, Monday through Friday, 8:00 a.m. to 4:00 p.m.

The bridge is located in the floodplain. The 100-year flood elevation is 4.6 ft. and the bridge low member elevation at the navigational opening is approximately 14.0 ft.; elevations are referenced to NAVD 88 datum.

In accordance with Florida Administrative Code, issuance of an Environmental Resource Permit (ERP) constitutes certification of compliance with applicable water quality standards. The South

Florida Water Management District issued ERP/WQC #06-103469-P for the project on 29 May 2020.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The pilings of the proposed project would affect approximately 13.5 sq. ft. of silt, sand, rubble, and crushed shell creek bed with a small potential of occurrence of Penaeid shrimp and Snapper/Grouper Complex. The Coast Guard's initial determination is that the proposed action would not have a substantial adverse impact on EFH or federally managed fisheries in North New River Canal. The final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the National Marine Fisheries Service. The project "may affect but is not likely to adversely affect" the West Indian manatee. No other endangered species or correlating habitat were detected in the project area. There are no archaeological sites recorded in the state's master site file in the project area. The proposed project is not expected to impact any historic properties listed or eligible for listing in the National Register of Historic Places. Analysis indicates that the project would not result in adverse effects as described in Section 106 of the National Historic Preservation Act of 1966. Concurrence with this determination was issued on 1 October 2021 by the Florida State Office of Preservation.

ANTICIPATED IMPACTS TO NAVIGATION DURING CONSTRUCTION:

Anticipated impacts to navigation during construction include possible temporary work trestles and construction barges within the waterway. Mariners will be notified of the details of in-water construction activities which will impact the navigation channel at and around the bridge site. Details of any navigational 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.

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.

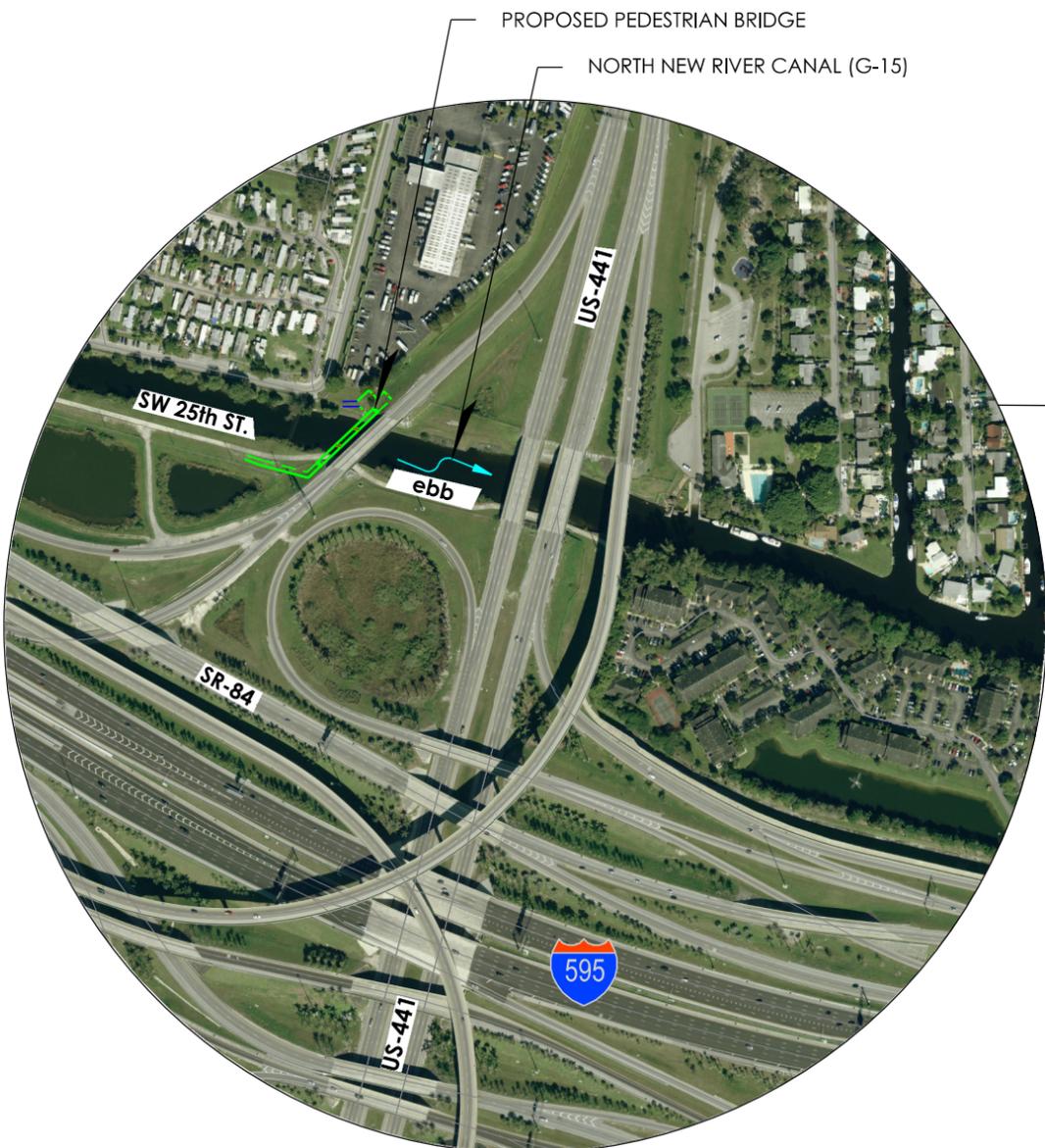
Interested parties are requested to express their views, in writing, on the proposed bridge project including its possible impact on minority and/or low income population, if any, giving sufficient detail to establish a clear understanding of their reasons for support of, or opposition to, the proposed 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. Our project manager for this application is Ms. Lisia Kowalczyk. She can be contacted by telephone at (305) 415-6932, by mail at the above address, or e-mail at lisia.j.kowalczyk@uscg.mil. Comments received will be made part of the case record. Map of location and plans attached.



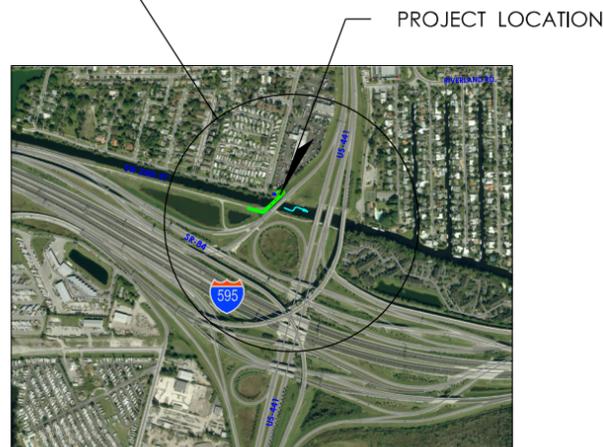
BOARD OF COUNTY COMMISSION
 HIGHWAY CONSTRUCTION & ENGINEERING DIVISION
BROWARD COUNTY NEW RIVER GREENWAY BRIDGE CROSSING
 BROWARD COUNTY, FLORIDA

STRUCTURE PLANS

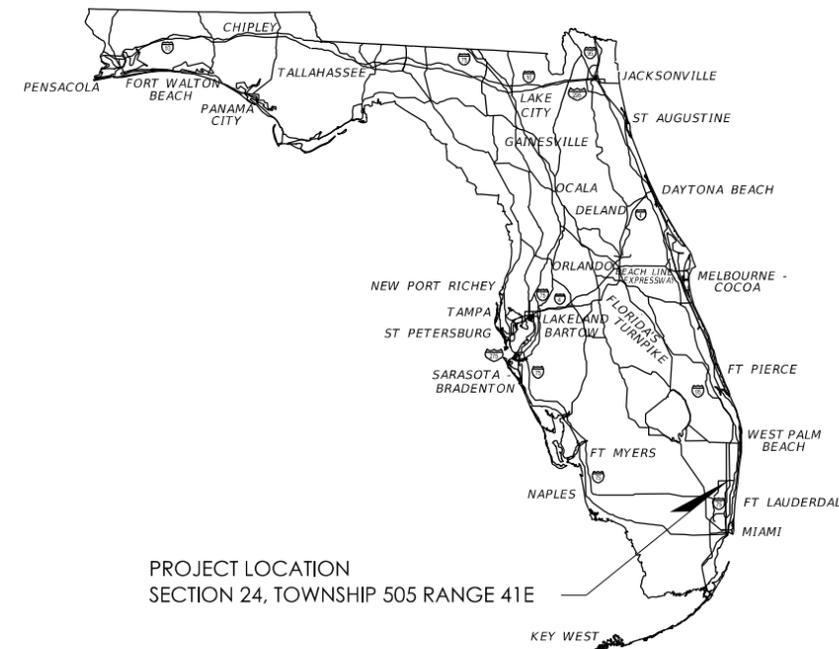
NEW RIVER GREENWAY BRIDGE
 COUNTY PROJECT No. 5414



FINAL PLANS



LOCATION MAP



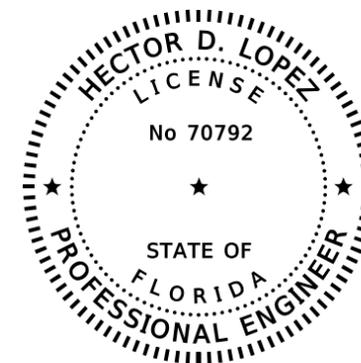
PROJECT LOCATION
 SECTION 24, TOWNSHIP 505 RANGE 41E

PLANS PREPARED BY:

ATKINS

800 WATERFORD WAY, 7TH FLOOR
 MIAMI, FLORIDA 33126
 CERTIFICATE OF AUTHORIZATION NO. 24

THIS ITEM HAS BEEN DIGITALLY
 SIGNED AND SEALED BY



ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE
 NOT CONSIDERED SIGNED AND SEALED
 AND THE SIGNATURE MUST BE VERIFIED
 ON ANY ELECTRONIC COPIES.

ATKINS NORTH AMERICA
 800 WATERFORD WAY, 7TH FLOOR
 MIAMI, FL 33126

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

NOTES:

- ELEVATIONS ARE IN FEET, AND ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM (NAVD) OF 1988
- DATUM CONVERSION EQUATION : NAVD 88 MINUS NGVD 29 = -1.56'

"DISCLAIMER: THIS SET HAS BEEN MODIFIED FROM ITS ORIGINAL VERSION FOR PRESENTATION PURPOSES. DO NOT USE FOR CONSTRUCTION"

GOVERNING DESIGN STANDARDS:

Florida Department of Transportation, Fiscal Year 2016 Design Standards eBook (DSeB) and applicable Design Standards Revisions (DSRs) at the following website:
<http://www.fdot.gov/design/standardplans/DS.shtm>

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, 2016 Standard Specifications for Road and Bridge Construction at the following website:
<http://www.dot.state.fl.us/programmanagement/Implemented/SpecBooks>

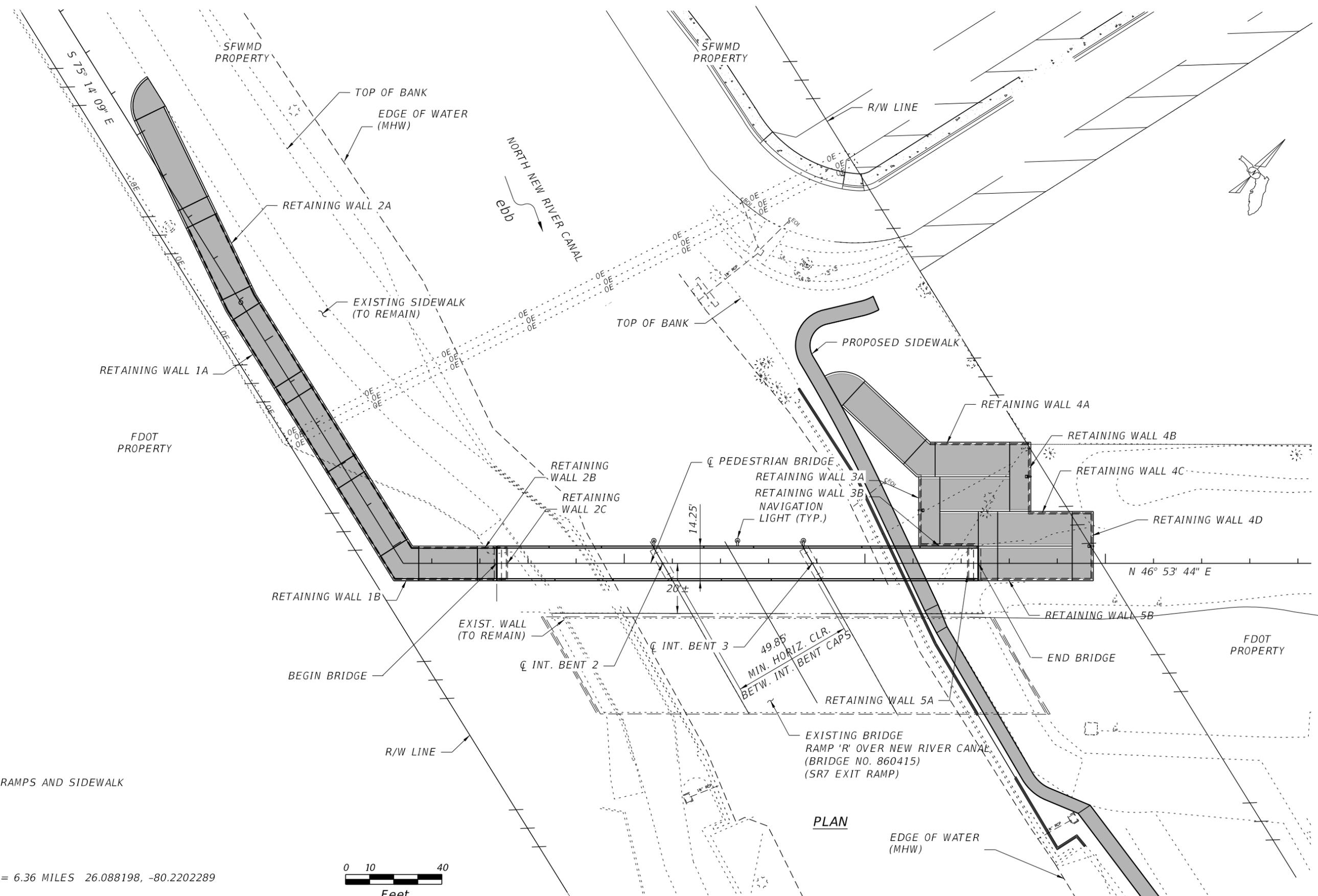
KEY SHEET REVISIONS	
DATE	DESCRIPTION

BROWARD COUNTY PROJECT MANAGER: NIRMAL DATTA, P.E.

STRUCTURES PLANS
 ENGINEER OF RECORD: HECTOR LOPEZ, P.E.
 P.E. NO.: 70792

FISCAL YEAR	SHEET NO.
16	1 OF 4

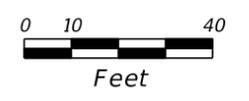
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LEGEND

█ PROPOSED RAMPS AND SIDEWALK

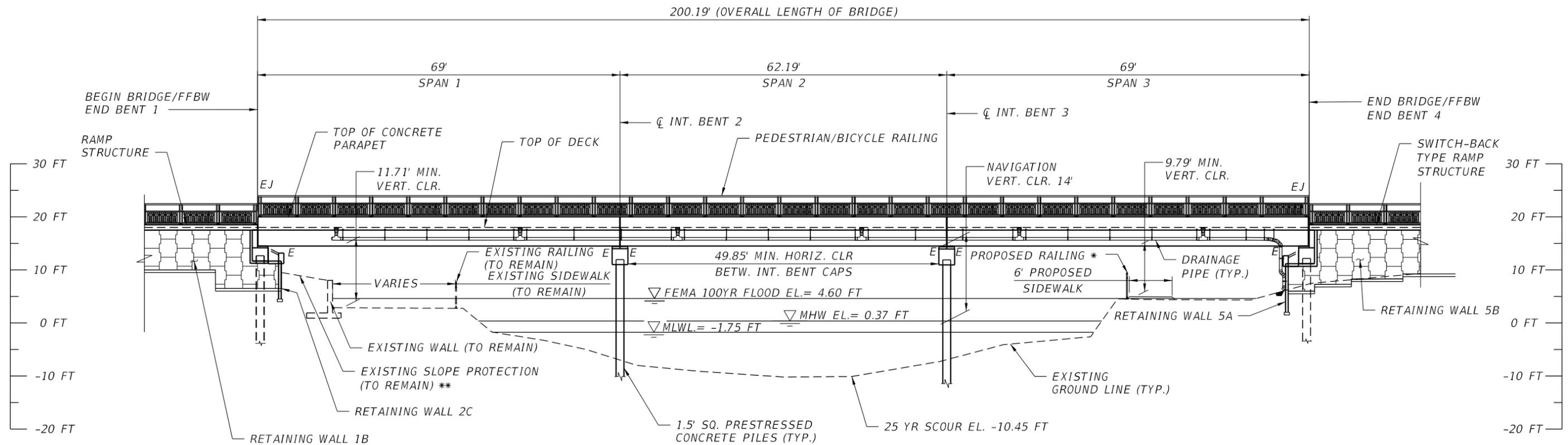
BRIDGE MILE POINT = 6.36 MILES 26.088198, -80.2202289



PLAN

REVISIONS						ATKINS NORTH AMERICA, INC. 800 WATERFORD WAY, 7TH FLOOR MIAMI, FL 33126 FBPE CERTIFICATE OF AUTHORIZATION NO. 24 HECTOR LOPEZ, P.E. 70792	DRAWN BY: KA/GG CHECKED BY: AER DESIGNED BY: KA/HL CHECKED BY: AER/KD	BROWARD COUNTY BOARD OF COUNTY COMMISSION			SHEET TITLE: PEDESTRIAN BRIDGE PLAN	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	WATERWAY		
								BROWARD	NORTH NEW RIVER CANAL (G-15)	BROWARD COUNTY NEW RIVER BRIDGE GREENWAY CROSSING	2 OF 4	

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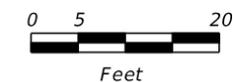
ELEVATION

NOTES:

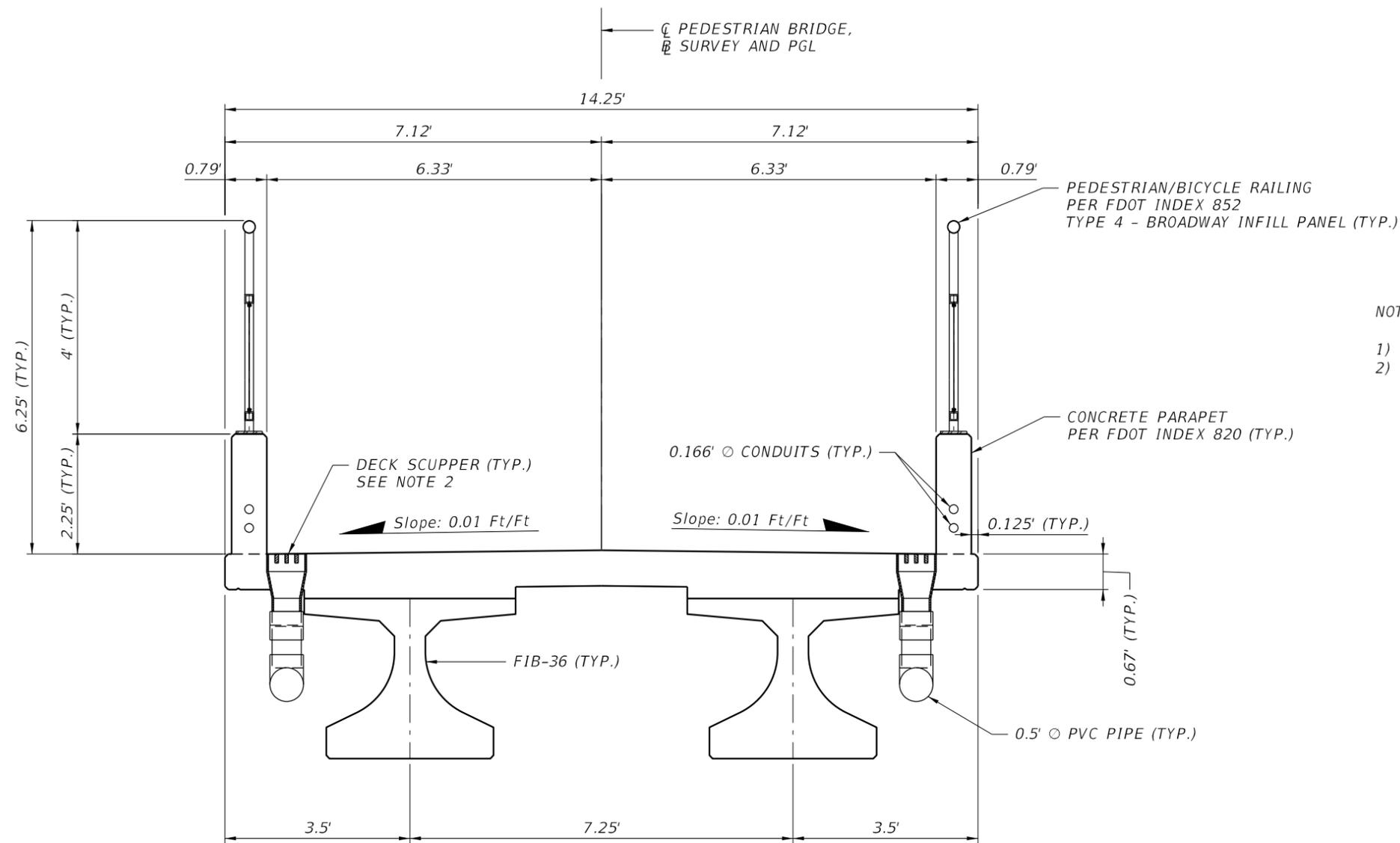
- ELEVATIONS ARE IN FEET, AND ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM (NAVD) OF 1988
- DATUM CONVERSION EQUATION : NAVD 88 MINUS NGVD 29 = -1.56'

- * REFER TO CHEN-MOORE PLANS FOR PROPOSED RAILING DETAILS.
- ** CONTRACTOR SHALL RESTORE EXISTING SLOPE PROTECTION IN THIS AREA, AFFECTED BY CONSTRUCTION ACTIVITIES.

BRIDGE MILE POINT = 6.36 MILES 26.088198, -80.2202289



REVISIONS						ATKINS NORTH AMERICA, INC. 800 WATERFORD WAY, 7TH FLOOR MIAMI, FL 33126	DRAWN BY: KA/GG CHECKED BY: AER	BROWARD COUNTY BOARD OF COUNTY COMMISSION			SHEET TITLE: PEDESTRIAN BRIDGE ELEVATION	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	WATERWAY		
						FBPE CERTIFICATE OF AUTHORIZATION NO. 24	DESIGNED BY: KA/HL CHECKED BY: AER/KD	BROWARD	NORTH NEW RIVER CANAL (G-15)	BROWARD COUNTY NEW RIVER BRIDGE GREENWAY CROSSING	3 OF 4	
						HECTOR LOPEZ, P.E. 70792	GARA6692					

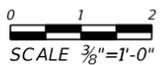


NOTE:

- 1) TOP DECK FINSH: SEE GENERAL NOTE J.2
- 2) DECK SCUPPER TYPE NEENAH R-4006 OR SIMILAR WITH ADA COMPLAINT GRATE.

TYPICAL SECTION

BRIDGE MILE POINT = 6.36 MILES 26.088198, -80.2202289



REVISIONS						ATKINS NORTH AMERICA, INC. 800 WATERFORD WAY, 7TH FLOOR MIAMI, FL 33126 FBPE CERTIFICATE OF AUTHORIZATION NO. 24 HECTOR LOPEZ, P.E. 70792	DRAWN BY: KA/GG CHECKED BY: AER DESIGNED BY: KA/HL CHECKED BY: AER/KD	BROWARD COUNTY BOARD OF COUNTY COMMISSION			SHEET TITLE: PEDESTRIAN BRIDGE TYPICAL SECTION	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	WATERWAY		
							BROWARD	NORTH NEW RIVER CANAL (G-15)	BROWARD COUNTY NEW RIVER BRIDGE GREENWAY CROSSING	4 OF 4		

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