



RRR Scoping Report

FM# 446239-1



**SR 826 Frontage Road
At NW 77th Court
(87260524 | MP 0.153 – 0.746)
Miami-Dade County, Florida**



Prepared for
Florida Department of Transportation District 6
Planning and Environmental Management Office
1000 NW 111th Avenue
Miami, Florida 33172



FDOT Project Manager: Nicolas Danu, P.E.
Contract C-AD92, Task Work Order 01
FPID: 446239-1-52-01

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A. Project Correspondence

Godfrey Lamptey

From: Rivera, Elisabet <Elisabet.Rivera@dot.state.fl.us>
Sent: Wednesday, April 27, 2022 7:20 AM
To: Godfrey Lamptey; Sara Hernandez
Cc: Salazar, Leonard
Subject: FW: 3R Scoping Reports - Maintenance Logs or Issues Request

Good Morning:

This is an update only for the following area within Asset Maintenance limits of responsibilities and the response from our Contractor is below:

446239-1: SR 826 FRONTAGE ROAD AT NW 77TH COURT (Roadway ID: 87260524, MP 0.153 – MP 0.746)

Thank you,

Elisabet Rivera, P.E.
Phone: (305) 470-5204
Email: Elisabet.Rivera@dot.state.fl.us

From: Guevara, Jessica <Jessica.Guevara@wsp.com>
Sent: Tuesday, April 26, 2022 1:44 PM
To: Blue, Shuan <Shuan.Blue@dot.state.fl.us>; Carmenate, Arlhey <acarmenate@louisberger.com>
Cc: Rivera, Elisabet <Elisabet.Rivera@dot.state.fl.us>; Berger, Louis WSP <D6MDCAM@wsp.com>
Subject: RE: 3R Scoping Reports - Maintenance Logs or Issues Request

Good afternoon,

Thank you for the clarification. That area is under an MOA with the Town of Miami Lakes and we have not been notified of any issues nor concerns in that area.

Thank you,



Jessica Guevara
Community Outreach Specialist | Infrastructure Asset Maintenance

T+ 1 888-711-2154 ext. 0
M+ 1 561-669-4991

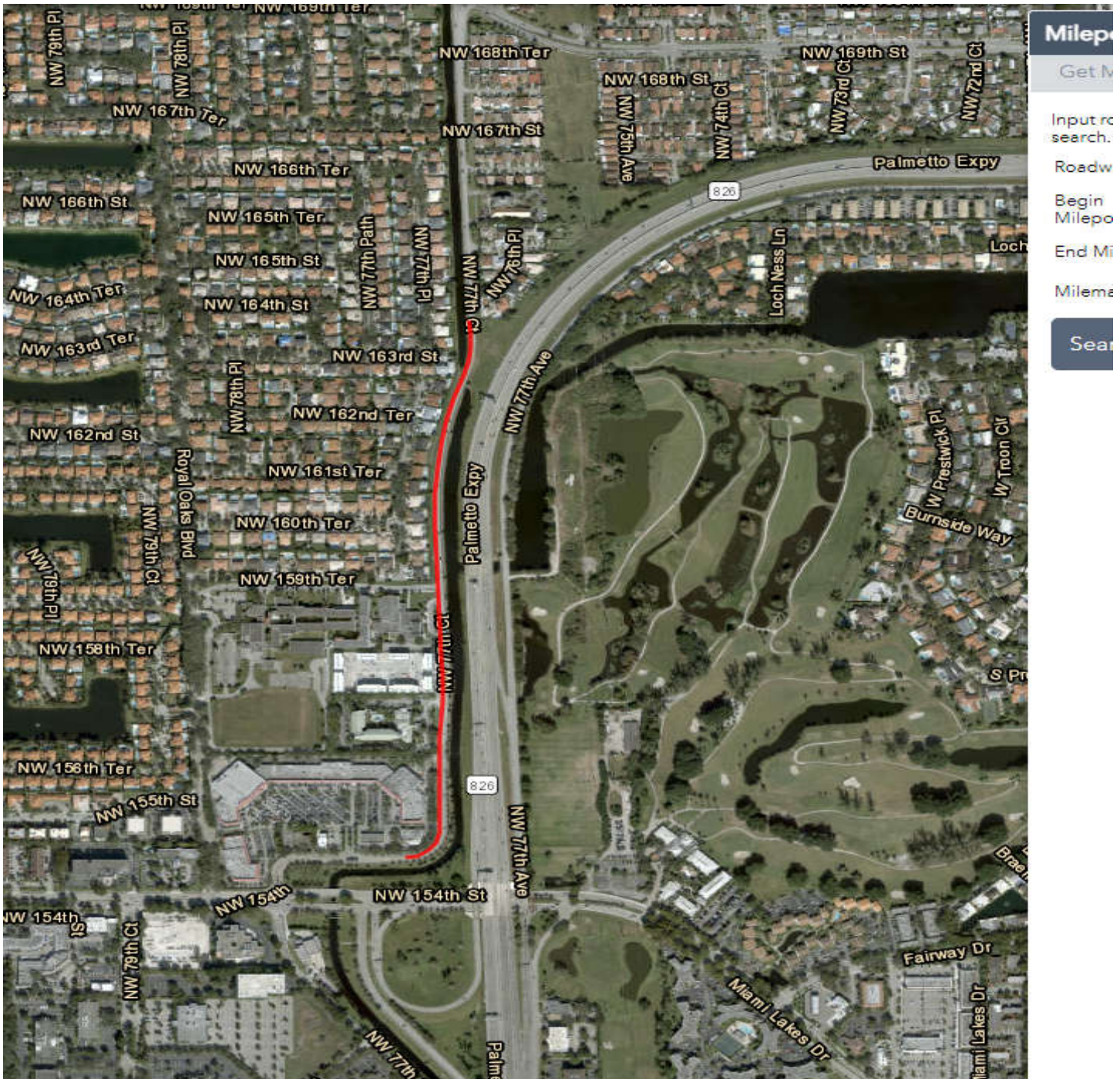


Louis Berger Services
14175 NW 60 Ave | Miami Lakes | FL | 33014 | USA
wsp.com/lbs

From: Blue, Shuan <Shuan.Blue@dot.state.fl.us>
Sent: Tuesday, April 26, 2022 12:57 PM
To: Carmenate, Arlhey <acarmenate@louisberger.com>
Cc: Rivera, Elisabet <Elisabet.Rivera@dot.state.fl.us>; Blue, Shuan <Shuan.Blue@dot.state.fl.us>; D6MDCAM <D6MDCAM@wsp.com>
Subject: RE: 3R Scoping Reports - Maintenance Logs or Issues Request

Good afternoon Arlhey.

No problem. The location was found as it appears below. Please call if you have any further questions.



Thank you.

Shuan Blue

Florida Department of
Transportation / District 6
Maintenance Inspector



Mobile: (305) 481-0060
Office: (305) 470-5387
Email: Shuan.Blue@dot.state.fl.us

From: Carmenate, Arlhey <acarmenate@louisberger.com>
Sent: Tuesday, April 26, 2022 9:43 AM
To: Blue, Shuan <Shuan.Blue@dot.state.fl.us>
Cc: Rivera, Elisabet <Elisabet.Rivera@dot.state.fl.us>; Berger, Louis WSP <D6MDCAM@wsp.com>
Subject: RE: 3R Scoping Reports - Maintenance Logs or Issues Request

Hi Shuan good morning,

I tried looking for Roadway ID: **87260524** in the SLD but unfortunately I couldn't find it. If you could guide me a little towards where it could be at I can look and see if there are any concerns.

Thanks,



Arlhey Carmenate
Area Operations Manager | Infrastructure Asset Maintenance

T+ 1 386-262-5908

in

Louis Berger Services
North Office: 14175 NW 60th Avenue, Miami Lakes | Miami | FL | 33014 | USA
South Office: 7823 NW 15th St. | Miami | FL | 33126 | USA
wsp.com/lbs

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From: Blue, Shuan <Shuan.Blue@dot.state.fl.us>
Sent: Tuesday, April 26, 2022 8:43 AM
To: D6MDCAM <D6MDCAM@wsp.com>
Cc: Rivera, Elisabet <Elisabet.Rivera@dot.state.fl.us>; Blue, Shuan <Shuan.Blue@dot.state.fl.us>
Subject: Fwd: 3R Scoping Reports - Maintenance Logs or Issues Request

Good morning Louis Berger.

Please provide the request sent below for any maintenance logs or issues identified within the limits of:

446239-1: SR 826 FRONTAGE ROAD AT NW 77TH COURT (Roadway ID: 87260524, MP 0.153 – MP 0.746)

Thank you,

Shuan Blue
Maintenance Inspector
FDOT - D6
Mobile: (305) 481-0060
Office: (305) 470-5387
Email: Shuan.Blue@dot.state.fl.us

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From: Sara Hernandez <sara.hernandez@goalassociates.com>
Sent: Monday, April 25, 2022 3:00 PM
To: Salazar, Leonard <Leonard.Salazar@dot.state.fl.us>
Cc: Godfrey Lamptey <godfrey.lamptey@goalassociates.com>
Subject: 3R Scoping Reports - Maintenance Logs or Issues Request

EXTERNAL SENDER: Use caution with links and attachments.

Good afternoon, Leonard

We are currently preparing the 3R Scoping Reports for the following roadway segments below. I would like to request any maintenance logs or issues identified within the limits of these projects:

- 446239-1: SR 826 FRONTAGE ROAD AT NW 77TH COURT (Roadway ID: 87260524, MP 0.153 – MP 0.746)
- 447828-1: SR 25/OKEECHOBEE ROAD FROM WEST 8TH AVE TO WEST 7TH AVE (Roadway ID: 87090000, MP 12.125 – MP 14.640)
- 443926-1: SR 934/71 STREET FROM BAY DRIVE EAST TO COLLINS AVENUE (Roadway ID: 87080000, MP 3.718 – MP 4.175)
- 447827-1: SR 5/US-1/BISCAYNE BLVD FROM SR 915/NE 6TH AVE TO NE 105TH ST (Roadway ID: 87030000, MP 16.686 – MP 18.057)

Thank you in advance

Best regards,



Sara Hernandez, E.I. • *Project Engineer*

o. 786-600-3350 x 107 | **c.** 786-609-2877

a. 14750 NW 77th Court, Suite 320, Miami Lakes, FL 33016

e. sara.hernandez@goalassociates.com | **w.** [goalassociates.com](http://www.goalassociates.com)

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-LAEmHhHzdJzBITWfa4Hgs7pbKl

Godfrey Lamptey

From: Woods, Faithe <Faithe.Woods@dot.state.fl.us>
Sent: Tuesday, April 26, 2022 7:41 AM
To: Vajta, Bencze; Wallace, Nadja; Tavares, Chad; Taylor, Zachary
Cc: Godfrey Lamptey; Sara Hernandez
Subject: RE: 3R Scoping Reports - Maintenance Logs or Issues Request
Attachments: SR 934-71 St _Bay Drive to Collins Ave.xlsx

Good morning Ben,

There are no complaints at the locations provided with the exception of:

- 443926-1: SR 934/71 STREET FROM BAY DRIVE EAST TO COLLINS AVENUE (Roadway ID: 87080000, MP 3.718 – MP 4.175)

There are 3 open work orders regarding signs, attached for your convenience.

If I can further assist, please advise.

Faithe Woods

Senior Clerk-Complaints

Florida Department of Transportation

D6 North Dade Maintenance

Office: (305) 640-7129

Email: Faithe.Woods@dot.state.fl.us



From: Vajta, Bencze <Bencze.Vajta@dot.state.fl.us>
Sent: Monday, April 25, 2022 3:59 PM
To: Wallace, Nadja <NADJA.WALLACE@dot.state.fl.us>; Tavares, Chad <Chad.Tavares@dot.state.fl.us>; Taylor, Zachary <Zachary.Taylor@dot.state.fl.us>; Woods, Faithe <Faithe.Woods@dot.state.fl.us>
Cc: Godfrey Lamptey <godfrey.lamptey@goalassociates.com>; Sara Hernandez <sara.hernandez@goalassociates.com>
Subject: FW: 3R Scoping Reports - Maintenance Logs or Issues Request

Please see the request below and advise. Thanks.

Ben Vajta, P.E.

North Dade Maintenance Engineer

Florida Department of Transportation, District 6

1773 NE 205 Street

North Miami Beach, FL 33179

Office: (305) 640-7165

Cell: (954) 445-9091

Bencze.Vajta@dot.state.fl.us

From: Salazar, Leonard <Leonard.Salazar@dot.state.fl.us>
Sent: Monday, April 25, 2022 3:43 PM
To: Rivera, Elisabet <Elisabet.Rivera@dot.state.fl.us>; Jimmerson, Brian K. <Brian.Jimmerson@dot.state.fl.us>; Vajta, Bencze <Bencze.Vajta@dot.state.fl.us>
Cc: Godfrey Lamptey <godfrey.lamptey@goalassociates.com>; Sara Hernandez <sara.hernandez@goalassociates.com>
Subject: FW: 3R Scoping Reports - Maintenance Logs or Issues Request

Team:
Please see the request below.

Regards,

Leonard E. Salazar, PE, CPM
Deputy District Maintenance Engineer
Florida Department of Transportation
District 6 – Miami-Dade/Monroe Counties
1000 NW 111th Avenue, Miami, Florida 33172
Office: (305) 470-5498/Cell: (305) 401-3184
Email: Leonard.Salazar@dot.state.fl.us

From: Sara Hernandez <sara.hernandez@goalassociates.com>
Sent: Monday, April 25, 2022 3:00 PM
To: Salazar, Leonard <Leonard.Salazar@dot.state.fl.us>
Cc: Godfrey Lamptey <godfrey.lamptey@goalassociates.com>
Subject: 3R Scoping Reports - Maintenance Logs or Issues Request

EXTERNAL SENDER: Use caution with links and attachments.

Good afternoon, Leonard

We are currently preparing the 3R Scoping Reports for the following roadway segments below. I would like to request any maintenance logs or issues identified within the limits of these projects:

- 446239-1: SR 826 FRONTAGE ROAD AT NW 77TH COURT (Roadway ID: 87260524, MP 0.153 – MP 0.746)
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- 443926-1: SR 934/71 STREET FROM BAY DRIVE EAST TO COLLINS AVENUE (Roadway ID: 87080000, MP 3.718 – MP 4.175)
- 447827-1: SR 5/US-1/BISCAYNE BLVD FROM SR 915/NE 6TH AVE TO NE 105TH ST (Roadway ID: 87030000, MP 16.686 – MP 18.057)

Thank you in advance

Best regards,



Sara Hernandez, E.I. • Project Engineer
o. 786-600-3350 x 107 | c. 786-609-2877
a. 14750 NW 77th Court, Suite 320, Miami Lakes, FL 33016
e. sara.hernandez@goalassociates.com | w. goalassociates.com

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B. Environmental Resources Desktop Analysis



Florida Department of Transportation

RON DESANTIS
GOVERNOR

1000 NW 111th Avenue
Miami, Florida 33172-5800

JARED W. PERDUE, P.E.
SECRETARY

The environmental review, consultation and other actions required by applicable Federal environmental laws for this project are being, or have been, carried out by FDOT pursuant to 23 U.S.C. § 327 and a Memorandum of Understanding dated December 14, 2016, executed by FHWA and FDOT.

Date: July 22, 2022

To: Nicholas Danu, Project Manager (FDOT)
Godfrey Lamptey, Project Manager (GOAL Associates)

From: Steven Craig James, RLA, District Environmental Administrator
Kristi Savio, Environmental Specialist, RS&H Inc.

Subject: **ENVIRONMENTAL RESOURCES DESKTOP ANALYSIS**
Project Name: SR 826 Frontage Road at NW 77th Court
Financial Management Number: 446239-1-52-01
Federal Aid Project No.: TBD
Limits: SR 826 Frontage Road at NW 77th Court from Milepost (MP) 0.153 to MP 0.746
County: Miami-Dade

The project is located along SR 826 Frontage Road at NW 77th Court from MP 0.153 to MP 0.746 located within in the Town of Miami Lakes, Miami-Dade County. The proposed improvements appear to be limited to the existing right-of-way. The June 2022 Scoping Report completed for the above referenced project recommended the following improvements:

- Roadway
 - Mill and resurface the existing pavement.
 - Provide 5 feet paved shoulder on both sides of the roadway between MP 0.385 to MP 0.746.
 - Upgrade the existing drainage system to accommodate the additional impervious area and repair/replace damaged drainage inlet tops.
 - Adjust the existing storm drain manholes, utility manhole tops, and valves within the limits of milling & resurfacing or sidewalk reconstruction, as necessary.
 - Replace existing guardrails along the existing canal including the appropriate end anchorages to meet standards.
 - Regrade and stabilize the existing canal front slopes along the project corridor.
- Pedestrian and Bicycle Facilities
 - Upgrade deficient pedestrian curb ramps and related components such as detectable warning surfaces, pavement markings, pedestrian crossing signs and plaques.
 - Reconstruct damaged or missing sidewalk segments (lifted, sunken or broken sidewalk) and address the cause of said damage (tree roots etc.).
 - Construct additional sidewalk areas at the mast arm pole locations to provide 48 inches unobstructed sidewalk width.

- Construct 6 feet sidewalk on the west side between MP 0.385 and MP 0.696 and on the east side between MP 0.696 and MP 0.746 to connect to the existing sidewalk on the north side.
- Provide sharrow markings along the roadway pavement between MP 0.153 to MP 0.385 and marked shoulders from MP 0.385 to MP 0.746.
- Pedestrian and Bicycle Facilities
 - Upgrade all broken and substandard ground-mounted signs to comply with the latest editions of the FDOT Standard Plans, the FDOT Traffic Engineering Manual (TEM), and the Manual on Uniform Traffic Control Devices (MUTCD).
 - Replace and upgrade all pavement markings to meet the latest FDOT Standard Plans for Road Construction.
 - Provide a new mid-block pedestrian crossing at approximately MP 0.696 where the roadway crosses the canal.
- Signalization
 - Provide new rectangular rapid flashing beacons for the new mid-block pedestrian crossing at approximately MP 0.696.
 - Upgrade the existing school flashers to meet standards. The designer should evaluate if the existing mast arms can accommodate the new sign panels for the school flasher. If not, new mast arms for the school zone flashers should be provided.
 - Replace signal pull boxes impacted by the reconstruction of sidewalk and/or pedestrian curb ramps.
- Lighting
 - Perform a lighting justification analysis to determine if roadway lighting is warranted along the entire corridor. If warranted, it is recommended to install roadway lighting to meet the FDM standards.
 - Replace the existing HPS cobra head luminaires to LED.
 - Replace lighting pull boxes impacted by the reconstruction of sidewalk segments and/or pedestrian curb ramps.
- Landscape
 - Trim trees and shrubs to comply with clear sight triangle requirements where feasible. When corrective pruning is required, the designer shall use the pay item for Tree Root and Branch Pruning, to ensure the corresponding specification is added to the project.

Based on a review of the ProjectSuite Enterprise Editions (PSEE) financial module, the proposed project would not constitute a federal action. Therefore, the Class of Action for this project is anticipated to be a Non-Major State Action. The D6 Environment Section will continue to evaluate the project's Class of Action during future phases.

An Environmental Resources Desktop Analysis (ERDA) was conducted for the above-referenced project. This evaluation was prepared in support of the Scoping Report by GOAL Associates. The purpose of this evaluation is to identify environmental features and advise the design team of such features prior to preparation of initial engineering plans to facilitate compliance with the National Environmental Policy Act (NEPA). The design team must be aware that any required environmental surveys, environmental documents, and/or agency coordination identified in this memorandum will require time for completion. For example, certain environmental processes have a minimum agency

review time (e.g., Cultural Resources Assessment Surveys, Section 4(f) coordination, wetland impact permitting, etc.) or must be conducted within specific months of the year (e.g., threatened and endangered species surveys). Therefore, the design team must coordinate with the D6 Environment Section as early in the design phase as possible, especially if any plans review phases will be skipped, and must consider any required environmental activities when preparing the design schedule.

The project was evaluated using the following sources:

- GIS review of natural, social, cultural, and physical resource layers including water quality, wetlands, wildlife and habitat, public lands and recreational areas, socioeconomic resources, historic and archaeological sites, and contamination, using the ETDM EST;
- Aerial imagery and street maps; and
- Review of GOAL Associates June 2022 Scoping Report.

The geographical information system (GIS) layers within the Efficient Transportation Decision Making (ETDM) Environmental Screening Tool (EST) are continually updated. Likewise, the anticipated determinations of effect are based on the project improvements as currently proposed/recommended. Any changes in project scope, limits, and/or design may impact the effect determinations and, subsequently, the Class of Action. We highly recommend that the project manager keep the D6 Environment Section abreast of any significant design changes and/or scope additions. The D6 Environment Section will continue to review the ETDM EST and the project documents as the project advances through future phases.

NEPA items required to be reviewed for FDOT projects:

Local Traffic Patterns

The project is located along SR 826 Frontage Road at NW 77th Court from Milepost (MP) 0.153 to MP 0.746. There are no anticipated permanent adverse impacts to traffic patterns, property access, community cohesiveness, planned community growth, or land use associated with the proposed improvements. Pedestrian access and community cohesiveness will be enhanced as a result of the construction of a 6-foot sidewalk on the west side of NW 77th Court between MP 0.385 and MP 0.696 and on the east side of NW 77th Court between MP 0.696 and MP 0.746. The construction of this sidewalk will allow for pedestrian access between residential land uses east of NW 77th Court to the Bob Graham Education Center and Royal Oaks Plaza (commercial and institutional). Temporary impacts to local traffic patterns are likely to occur during the implementation of the recommended improvements.

Planned Community Growth/Land Use Patterns

Implementation of the proposed project would not affect capacity or alter land use. Any effects from these activities would be temporary in nature, and as such, are not expected to adversely impact planned community growth or planned land use patterns.

Property Access

Based on a review of the proposed project in the June 2022 Scoping Report, no adverse effects to property access are expected as a result of the recommended activities. No relocation of businesses or residences will be required, and no right-of-way acquisition is proposed.

Air Quality and Noise

Based on a review of the plans and EST GIS layers, no long-term air quality or noise impacts are anticipated as a result of this project. This project is not expected to create adverse impacts on air quality because the project area is in attainment for all National Ambient Air Quality Standards (NAAQS), and the project is expected to not change the Level of Service (LOS) and not change delay and congestion on all facilities within the study area. Therefore, no air quality analysis is required for the proposed improvements. The proposed improvements are consistent with a Type III project and do not increase roadway capacity (e.g., additional travel lanes) or shift the horizontal / vertical alignment of the roadway. Therefore, no detailed noise analysis or consideration of abatement measures are required as the project will not result in a noticeable increase in traffic noise levels.

Water Quality

Based on a review of EST GIS layers and aerial imagery, Peters Pike canal is within the project area. For a majority of the project limits, the canal runs parallel to NW 77th Court. NW 77th Court crosses Peter Pike Canal between Station 131+00 and 132+00. A no staging note and label will be implemented in the plans during design and no in-water work is proposed. Therefore, no impacts to water quality are anticipated as a result of this project.

Wetlands

Based on a review of EST GIS layers (including the National Wetlands Inventory and South Florida Water Management District wetland GIS layers) and aerial imagery, Peters Pike canal is within the project area. A no staging note and label will be implemented in the plans during design and no in-water work is proposed. Therefore, no wetland impacts are anticipated as a result of this project.

Navigation

Based on a review of EST GIS layers and aerial imagery, the project corridor does not cross a navigable waterway. Therefore, no impacts to navigable waterways are anticipated based on the proposed improvements.

Floodplain Encroachment

Based on a review of EST GIS layers and the Miami-Dade County Flood Zones GIS map, the project corridor is located within Zone AE of the 100-year floodplain. However, this project will not: 1) affect flood heights or base floodplain limits, 2) result in increased or new adverse environmental impacts, 3) increase flood risks or damage, or 4) significantly change the potential for interruption or termination of emergency service or emergency evacuation routes. Therefore, this project will not encroach upon the base floodplain, as defined in Part 2, Chapter 13 of the Project Development and Environment (PD&E) Manual dated July 1, 2020.

Wild and Scenic Rivers

Based on a review of EST GIS layers and aerial imagery, there are no Wild and Scenic Rivers within or adjacent to the project corridor. The recommended activities will not require construction in, across, or adjacent to a river designated as a component of, or proposed for inclusion in, the National System of Wild and Scenic Rivers. Therefore, no adverse impacts to Wild and Scenic Rivers are anticipated as a result of the proposed project.

Endangered and Threatened Species, Wildlife, and Critical Habitats

Based on a review of EST GIS layers, the project is within or adjacent to the United States Fish and

Wildlife Service (USFWS) Consultation Areas for several protected species. No critical habitat or Essential Fish Habitat (EFH) is present within the project area.

The project area is within the USFWS Consultation Areas for the following species: Florida bonneted bat (*Eumops floridanus*) and Everglade's Snail Kite (*Rostrhamus sociabilis*). The project area is also within the South Florida range of the Eastern indigo snake (*Drymarchon couperi*), South Florida Urban Bat Area, and black bear range. Additionally, the project is within the wood stork areas.

The project is in an urbanized area and is limited to existing paved areas and maintained sod within the existing FDOT ROW. Based on the scope of work, lack of suitable habitat, and the FDOT Programmatic Approach for Minor Transportation Activities (PA) for the wood stork, the project is expected to have No Effect on federally listed species/critical habitat. Based on the scope of work and lack of suitable habitat, state listed wildlife/plants species are not anticipated to occur within the project area.

The existing landscaping (palm trees and mature trees) within the project area may provide suitable roosting habitat for the Florida bonneted bat. Consultation with USFWS will be required since the project is within the South Florida Urban Bat Area according to the 2019 Consultation Key for the Florida bonneted bat.

During the design phase, coordination regarding potential impacts to protected species and their habitat within the project area will occur with USFWS to confirm species effects determinations.

Right of Way Acquisition and Displacements

Based on a review of the proposed project in the June 2022 Scoping Report, it appears that the proposed project is contained within the existing FDOT operational right-of-way. No right-of-way acquisition is proposed, and no residential or non-residential displacements are anticipated. The D6 Environment Section will continue to evaluate the project's right-of-way requirements during future phases. Please notify the D6 Environment Section of any proposed work outside of the existing right-of-way.

Section 4(f) of the Department of Transportation Act

Based on a review of plans, scope of work, and EST GIS layers, there are no Section 4(f) properties within or adjacent to the project corridor. Therefore, there will be no use within the meaning of Section 4(f) and no impacts to Section 4(f) protected parks or other recreational resources are anticipated as a result of the proposed project, in accordance with Section 4(f) of the USDOT Act.

The D6 Environment Section will continue to evaluate the project's effects on potential Section 4(f) properties during the plans review phases.

Section 106 of the National Historic Preservation Act

A review of Florida Master Site File GIS cultural resources data, Miami-Dade County Property Appraiser GIS data, and additional GIS data available from the Florida Geographic Data Library identified no cultural resources within the likely area of potential effect (APE). A historic canal was identified adjacent to but outside of the likely APE. If the scope and location of the improvements remain consistent with those contained in the scoping report, then it is anticipated that the Planning and Environmental Management Office (PLEMO) will notify the State Historic Preservation

Officer (SHPO) of the finding of no historic properties affected in accordance with Stipulation VI of the Section 106 Programmatic Agreement. The notification will occur during design once the footprint of project improvements is more clearly defined, and an appropriate APE can be confirmed.

Contamination

A contamination impact review utilizing the FDOT District VI Contamination Screening Tool was performed for the project corridor. The Contamination Screening Tool contains Geographic Information System layers depicting contaminated sites identified by the Florida Department of Environmental Protection and Miami Dade County Department of Regulatory Economic Resources. Based on said review, one potentially contaminated site has been identified within a 500-ft radius of the project corridor. However, there are no drainage features, subsurface excavation, and/or dewatering in proximity of the known contaminated site(s), therefore, no contamination impacts are anticipated.

If drainage or other subsurface features that require excavation and/or dewatering are added to the project scope, additional evaluation for contamination impacts may be required.

Controversy

There are no known controversial environmental issues associated with this project. The action is not anticipated to have substantial controversy on environmental grounds.

Permits

Environmental permitting requirements are to be provided by the Environmental Permits Office.

C. Mid-Block Crossing Study



Pedestrian Mid-Block Crossing Study

FM# 446239-1

**SR 826 Frontage Road
At NW 77th Court
(87260524 | MP 0.153 – 0.746)
Miami-Dade County, Florida**

Prepared for
Florida Department of Transportation District 6
Planning and Environmental Management Office
1000 NW 111th Avenue
Miami, Florida 33172

FDOT Project Manager: Nicolas Danu, P.E.
Contract C-AD92, Task Work Order 05
FPID: 446239-1-52-01

ENGINEER'S CERTIFICATION

I, hereby certify that I am a registered professional engineer in the State of Florida, practicing with GOAL Associates Inc., a Florida Corporation under Section 471.023, Florida Statutes, to offer engineering services to the public through a Professional Engineer, duly licensed under Chapter 471, Florida Statutes, and by the State of Florida, Department of Professional Regulation, Board of Professional Engineers, and that I have prepared or approved the evaluation, findings, opinions, conclusions, or technical advice hereby reported for:

Project: Mid-Block Crossing Study for SR 826 Frontage Road at NW 77th Court
FM# 446239-1-52-01 | Roadway ID: 87260524 | MP 0.153 – 0.746

Location: Miami-Dade County, Florida

Client: Florida Department of Transportation, District 6
Planning and Environmental Management Office
1000 NW 111th Avenue
Miami, Florida 33172

FDOT Project Manager: Nicolas Danu, P.E.

Report Prepared by: GOAL Associates, Inc.
14750 NW 77th Court, Suite 320
Miami Lakes, FL 33016
Contract No. C-AD92, Task Work Order 01
Vendor No. F464649215

I acknowledge that the procedures and references used to develop the results contained in this report are standard to the professional practice of transportation engineering as applied through professional judgment and experience.

Signature: _____
Name: Godfrey Lamptey, P.E., PTOE
License No.: 68261
Date: 11/09/2022

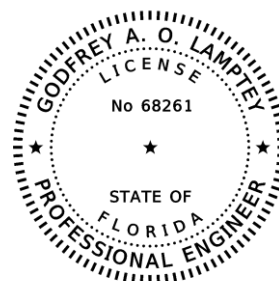


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1.0 INTRODUCTION

GOAL Associates was retained by the Florida Department of Transportation (FDOT) District 6 Planning and Environmental Management Office (PLEMO) to prepare a RRR Scoping Report for Project FM 446239-1: A Resurfacing, Restoration, and Rehabilitation (RRR) Project along 826 Frontage Road at NW 77th Court. The Mid-Block Crossing Study is being conducted to determine the feasibility of placing a midblock pedestrian crossing along NW 77th Court, in Miami-Dade County, Florida. The evaluation of the need for the installation of a pedestrian midblock crossing focuses on assessing the safety and crossing activity of pedestrians and bicyclists within the study limits per the guidelines presented by the latest edition of the FDOT Traffic Engineering Manual.

2.0 EXISTING CONDITIONS

The project is located in Miami-Dade County, within the Town of Miami Lakes. The project limits are along SR 826 Frontage Road at NW 77th Court (87260524 | MP 0.153 – 0.746). The Project Location Map is shown in **Figure 2-1**. Within the study area, SR 826 Frontage Road at NW 77th Court is a north-south two-lane undivided roadway with curb and gutter along both sides from MP 0.000 to MP 0.385 and grass shoulder from MP 0.385 to MP 1.100. A sidewalk is provided along the west side of the roadway from MP 0.000 to MP 0.463. The Peter’s Pike Canal runs along the frontage road, crossing from the west side to the east side under the roadway at approximately MP 0.696, with a guardrail to protect drivers. The posted speed limit is 35 mph. There are two school zone flashers at the Bob Graham Education Center with a 15 MPH posted speed limit during the school drop-off and pick-up periods. There are two curves in the study segment, with a curve advisory speed of 20 MPH at the south end of the study limit and a curve advisory speed of 25 MPH at the north end of the study segment.

Within the study limits, SR 826 Frontage Road is not part of the National Highway System and is not functionally classified. The roadway is designated C4-Urban General Context Classification. FDOT defines this context classification as a “mix of uses set within small blocks with a well-connected roadway network”.

2.1 Land Use

The study area has a mixed land use consisting of residential uses including multi-family buildings and single-family homes, commercial uses, and educational uses. Major landmarks include Royal Oaks Plaza, a strip mall at the south end of the study segment, Lucida Apartments, Sonesta Select Hotel, and Bob Graham Education Center. The Bob Graham Education Center is a Miami-Dade County Pre-K to 8th grade Public School serving the Miami Lakes and Hialeah Gardens municipalities with a student population of approximately 1,500

students. The school campus opens at 7:45 am. Dismissal for Kindergarten and 1st Grade is at 1:50 pm whereas 2nd Grade to 8th Grade gets dismissed at 3:05 pm. The exception is on Wednesdays when all students are dismissed at 1:50 pm.



Figure 2-1 Project Location Map

2.2 Pedestrian/Bicycle Amenities

There is one marked crosswalk within the project limits at the driveway to the Lucida Apartments. The existing marked crosswalk is 10 feet wide with 12" parallel standard crosswalk markings. Existing sidewalks are located on the west side of the roadway from MP 0.153 to the Bob Graham Education Center. There are no bicycle lanes within the limits of the project.

2.3 Street Lighting

There is no corridor lighting along the project corridor. However, there are 4 conventional light poles located along the east side of the roadway within the last 650 feet of project corridor where the Peter's Pike Canal crosses the study segment.

2.4 Relevant FDOT Projects & Studies

The following are relevant FDOT studies and/or projects that were conducted or will be completed at or within the vicinity of the study area. These studies/projects serve as an informational reference for subsequent sections of this study.

FM 444295-1: Safe routes to school project for Bob Graham Education Center.

The project limits area on NW 79th Avenue, from NW 167th Terrace to NW 155th Street; and NW 82nd Avenue at NW 162nd Street. The project consists of widening the eastside school campus frontage sidewalk from six (6) to eight (8) feet, reconstruction and/or addition of new pedestrian connector ramps, addition of embedded detectable warning pads, installation of pedestrian railings around storm drains drop-offs, crosswalks pavement markings, and installation of pedestal poles with signal heads and pedestrian push buttons.

435760-1: SR 826/Palmetto Expressway Widening from I-75 to North of Canal c-8 Bridge

This project consists of widening and reconstructing SR 826 (Palmetto Expressway) from I-75 (MP 14.972) to north of canal C-8 Bridge (MP 16.854). The main purpose of this project is to widen SR-826 to provide one Express Lane in each direction. The total length of this project is 1.882 miles. The Scope also includes improvements along NW 77 Avenue, NW 77 Court, and NW 154 Street. The scope for these roads includes widening and reconstruction of the pavement, addition of sidewalk and other safety improvements.

3.0 CRASH SUMMARY & ANALYSIS

The crash data for the latest five-year period (January 1, 2015, to December 31, 2019) for the study segment was downloaded from the FDOT’s Crash Analysis Reporting (CAR) online system. Additional data was obtained from the Signal Four Analytics Database for all crashes that occurred from January 1, 2015, to August 31, 2022. The FDOT CAR data revealed 2 crashes within the analysis period. Three (3) additional crashes were documented in the Signal Four Analytics Database.

Based on the analysis, there were five (5) crashes within the (5) year period including two (2) crashes in 2015, one (1) crash in 2018, and two (2) crashes in 2019. No crashes were reported within the roadway segment in 2016, 2017, 2020, 2021 and the first eight months of 2022.

The crashes included two (2) fixed object crashes, two (2) rear end crashes, and one (1) sideswipe crash. Sixty percent (60%) of the total crashes occurred at nighttime and forty percent (40%) occurred on wet/slippery pavement conditions.

Based on crash severity, four (4) crashes were property damage-only crashes, and one (1) crash was an injury crash. There were no fatal crashes during the five-year study period. There are no high crash locations along this segment based on the 2016 to 2018 High Crash List for spots and segments. Refer to **Appendix A** for the RRR Safety Review.

Table 3-1 Crash Summary									
Crash Pattern		Number of Crashes					5 Year Total Crashes	Mean Crashes Per Year	%
		2015	2016	2017	2018	2019			
CRASH TYPE	Rear End	1	0	0	0	1	2	0	40.0%
	Sideswipe	0	0	0	0	1	1	0	20.0%
	Fixed Object	1	0	0	1	0	2	0	40.0%
	Total Crashes	2	0	0	1	2	5	1	100.0%
Severity	PDO Crashes	1	0	0	1	2	4	1	80.0%
	Injury Crashes	1	0	0	0	0	1	0	20.0%
Lighting Conditions	Daylight	0	0	0	1	1	2	0	40.0%
	Dusk	0	0	0	0	0	0	0	0.0%
	Dawn	1	0	0	0	0	1	0	20.0%
	Dark	1	0	0	0	1	2	0	40.0%
Surface Conditions	Dry	1	0	0	1	1	3	1	60.0%
	Wet	1	0	0	0	1	2	0	40.0%

4.0 TRAFFIC ANALYSIS

4.1 48-Hour Traffic Volume Counts

48-hour continuous vehicle counts were collected at the study segment with Automatic Traffic Recorders (ATR's) during the typical days of the week from Tuesday, September 20, 2022, to Wednesday, September 21, 2022. The vehicle counts data is summarized in **Table 4-1**. The study segment AM peak period was observed from 7:00 AM to 8:00 AM which coincides with the drop-off period for the Bob Graham Education Center. The PM peak period was observed from 5:00 PM to 6:00 PM. During the AM peak period the southbound direction is the peak traffic direction, whereas during the PM peak period, the northbound direction is the peak traffic direction. The detailed vehicle volume data obtained for the study segment is included as **Appendix B**.

Table 4-1 48-Hours Traffic Volume Counts			
Time	NB Average Volume	SB Average Volume	Total Segment Volume
0:00	77	36	113
1:00	32	11	43
2:00	24	13	36
3:00	15	28	43
4:00	13	57	70
5:00	34	129	163
6:00	74	377	451
7:00	215	700	915
8:00	431	527	958
9:00	210	349	559
10:00	247	310	557
11:00	290	240	530
12:00	319	260	579
13:00	358	257	614
14:00	476	231	707
15:00	580	212	792
16:00	591	298	889
17:00	619	336	955
18:00	642	302	944
19:00	560	274	834
20:00	419	232	650
21:00	323	161	484
22:00	227	89	316
23:00	118	53	171
Total	6,889	5,478	12,367

4.2 Turning Movement Counts

Turning movement counts (TMCs) were collected at the entryway and exit of the Bob Graham Education Center. TMCs were collected on September 14, 2022, and September 15, 2022, during beginning of school hours (7:30 am to 8:45 am) and end of school hours (1:45 pm to 4:00 pm) along NW 77th Court at the School entrance and exit location. The turning movement counts are presented in **Table 4-2** and **Table 4-3** below.

Table 4-2 Turning Movement Counts (Start of School)						
TIME	NBT	NBL	SBR	SBT	PED	BIKE
7:45	95	6	6	144	8	1
8:00	109	4	3	131	3	0
8:15	98	4	5	116	2	0
8:30	70	1	0	99	1	0
TOTAL	475	16	15	781	14	1

Table 4-3 Turning Movement Counts (End of School)						
TIME	NBT	NBL	SBR	SBT	PED	BIKE
02:00	89	32	46	49	0	0
02:15	95	15	27	63	0	0
02:30	87	5	9	59	0	0
02:45	110	4	6	60	1	0
TOTAL	579	92	133	302	1	0
3:00	91	52	59	39	0	0
3:15	112	18	28	60	0	0
3:30	125	15	12	62	0	0
3:45	132	1	0	64	2	0
TOTAL	490	60	70	218	2	0

Most of the pedestrians were students and parents from the adjacent Lucida Apartments. However, we identified 3 pedestrian and 1 bicyclist cross the roadway during the afternoon peak period north of the school. Since there are no pedestrian facilities currently, there is no defined crossing patterns.

4.3 48-Hour Speed Data

48-hour vehicle speed data was collected at the study segment with Automatic Traffic Recorders (ATR's) during the typical days of the week from Tuesday, September 20, 2022, to Wednesday, September 21, 2022. The total volume in the table is the average of the 48-hr counts. The average vehicle speed data and characteristics for both days are summarized in **Table 4-4** and **Figure 4-1**. The speed data indicates that majority of the motorists travel above the 35-mph posted speed limit. The detailed vehicle speed data obtained for the study segment is included as **Appendix C**.

Table 4-4 Vehicle Speed Data							
Northbound				Southbound			
Speed (mph)	Total	Cumulative		Speed (mph)	Total	Cumulative	
		Total	%			Total	%
0 to 10	3	3	0.04%	0 to 10	178	178	3.18%
11 to 15	31	33	0.48%	11 to 15	385	563	10.04%
16 to 20	143	176	2.53%	16 to 20	251	813	14.51%
21 to 25	522	697	10.04%	21 to 25	190	1003	17.90%
26 to 30	735	1432	20.61%	26 to 30	323	1326	23.66%
31 to 35	1652	3083	44.40%	31 to 35	755	2081	37.13%
36 to 40	2232	5315	76.53%	36 to 40	1380	3461	61.75%
41 to 45	1201	6515	93.82%	41 to 45	1277	4738	84.54%
46 to 50	334	6849	98.63%	46 to 50	574	5311	94.77%
51 to 55	70	6919	99.63%	51 to 55	208	5519	98.47%
55+	26	6944	100.00%	55+	86	5604	100.00%
85th Percentile (mph)			42 mph	85th Percentile (mph)			45 mph
10 MPH Pace			31-40 mph	10 MPH Pace			36-45 mph
Avg Speed (mph)			36 mph	Avg Speed (mph)			36 mph
Current Posted Speed Limit (mph)			35 mph	Current Posted Speed Limit (mph)			35 mph
% of Vehicles > Posted Speed Limit			55.6%	% of Vehicles > Posted Speed Limit			62.9%
Lower Limit for Speed Limit per Department's Guidelines (85th Percentile Speed - 8 mph)			34 mph	Lower Limit for Speed Limit per Department's Guidelines (85th Percentile Speed - 8 mph)			37 mph
Upper Limit for Speed Limit per Department's Guidelines (85th Percentile Speed + 3 mph)			45 mph	Upper Limit for Speed Limit per Department's Guidelines (85th Percentile Speed + 3 mph)			48 mph
Current Speed Limit meets Department's Guidelines for 85th Percentile Speeds			No	Current Speed Limit meets Department's Guidelines for 85th Percentile Speeds			No
Current Speed Limit meets Department's Guidelines for 10-MPH Pace			No	Current Speed Limit meets Department's Guidelines for 10-MPH Pace			No

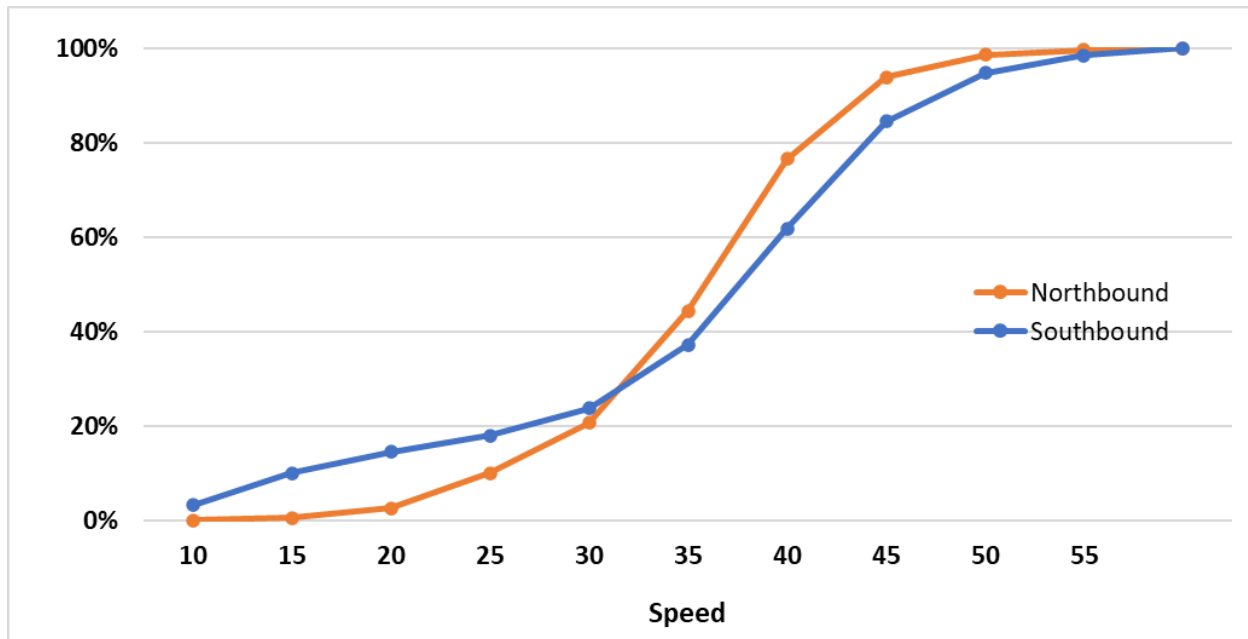


Figure 4-1 Cumulative Speed Curves

4.4 Pedestrian Gap Data

A pedestrian gap study was conducted for 48 hours during the typical days of the week from Tuesday, September 20, 2022, to Wednesday, September 21, 2022. Gap data was collected in 15-minute and 60-minute intervals for the northbound and southbound directions along the segment of SR 826 Frontage Road to determine the typical size and number of gaps in the vehicular traffic stream at the study segment.

As stated in Chapter 8 of the Manual on Uniform Traffic Studies (MUTS), the critical gap is defined as the minimum time length (in seconds) of a gap in traffic which will permit (on average) a side street vehicle, a single pedestrian, or a group of pedestrians to cross a roadway of specified width without coming into conflict with passing vehicles. The critical gap for a single pedestrian (t_c) is estimated using the following equation and is based on the Highway Capacity Manual (HCM) 2010, Equation 20-77:

$$t_c = \frac{L}{S_p} + t_s$$

Where

t_c = single pedestrian critical headway (seconds)

S_p = 15th percentile pedestrian walking speed (default is 3.5 feet/second)

L = crosswalk length (feet)

t_s = pedestrian start-up time and end clearance time (default 3 seconds)

A critical gap of 10 seconds was determined by dividing the 24 feet roadway length by an average pedestrian walking speed of 3.5 ft/sec and then adding a pedestrian start-up time and end clearance time of 3 seconds

Figure 4-2 summarizes the gap size for the AM and PM peak periods. Based on the data, the 85th percentile gap size for the AM peak period is approximately 14 seconds whereas it is approximately 9 seconds for the PM peak period. From the results it appears there is sufficient gaps for the AM peak period, however, for the PM peak period, the available gap is just short of the critical 10-second gap. The Gap analysis is attached as **Appendix D**.

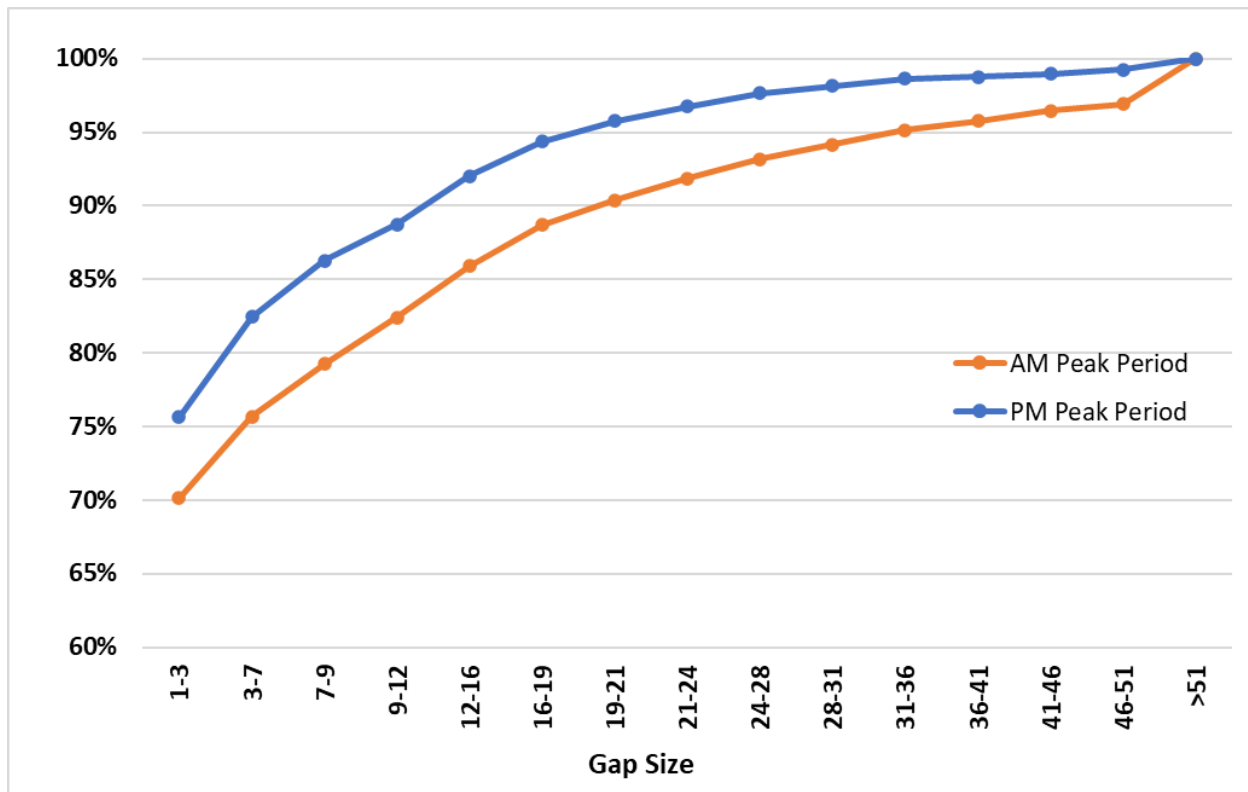


Figure 4-2 Vehicle Gap Size

4.5 Pedestrian/Bicycle Data

The number of pedestrians and bicyclists crossing the study segment of SR 826 Frontage Road was collected during Bob Graham Education Center drop-off time from 7:30 am to 8:30 am and pickup time from 1:30 pm to 3:30 pm on Wednesday, September 14, 2022, and Thursday, September 15, 2022. One bicyclist was observed during morning peak period riding on the grass shoulder adjacent to the southbound lanes. In addition, 14 pedestrians were observed during the morning drop off period and 3 pedestrians were observed during the pickup period. One student was also observed crossing the roadway.

5.0 FIELD OBSERVATION

Field reviews focusing on the pedestrian and bicycle activity, pedestrian characteristics, pedestrian generators/receptors, travel patterns, and pedestrian-vehicle interaction were conducted along the study segment on Thursday, September 15, 2022, from 7:30 am to 8:30 am and from 1:30 pm to 3:30 pm. In addition, the availability of gaps for pedestrians to safely cross NW 77th Court within the study segment was qualitatively assessed. The field review periods were selected based on the Bob Graham Education Center drop-off and pickup times. The following observations and field photographs summarize the main findings.



Traffic backing up along the southbound lane during morning drop-off period. Long queues originating from the intersection of NW 77th Court and NW 154th Street during the morning peak period. This queue sometimes extends south entrance to the school. The congestion is primarily due to the school drop-off and pick up activities. except during the morning rush hour when the traffic backup extends from the NW 154th Street intersection



Students observed walking to school during morning drop-off period using the sidewalk on the south side of the school. The Lucida Residential Apartments are located just south of the Bob Graham Education Center.



Bicyclist observed riding on the grass shoulder adjacent to the southbound lanes during the morning peak period. The bicyclist transitioned to the sidewalk on the south side and continued south to NW 154th Street.



Several cars parked on the southbound shoulder along the NW 77th Court prior to the school the pick-up time even though there are no parking or stopping signs along this area. Some parents were observed parking their cars and walking to the school to pick up their children.



Traffic queue along the southbound direction during the afternoon pick-up period with traffic control police officer. The traffic queue extends north through the curve but typically dissipates within 15-20 minutes after the school ends.



Student observed walking home after school and crossing NW 77th Court north of the Bob Graham Education Center. The residential community located northeast of the school has no sidewalk connection to the school.



Pedestrians observed walking along the southbound shoulder with no existing sidewalk. The pedestrians were observed coming from the residential community on the northeast side and going to the Royal Oaks Shopping Plaza.

6.0 EVALUATION OF PEDESTRIAN MID-BLOCK CROSSING

The feasibility of installing a midblock marked pedestrian crosswalk along SR 826 Frontage Road at NW 77th Court was evaluated following the guidelines presented by FDOT Traffic Engineering Manual (TEM) – Section 5.2.

According to FDOT TEM Section 5.2.5.1, the following factors should be considered when evaluating the need to provide a marked pedestrian crossing:

- Proximity to significant generators and attractors
- Recommended levels of pedestrian demand
- Minimum location characteristics

6.1 Proximity to significant generators and attractors:

Based on the field observations and land use, this criterion is met by the proximity of Bob Graham Education Center, the Royal Oaks Shopping Plaza with several restaurants, banks, Winn-Dixie and gas station attracting nearby residents. Significant generators consist of the residential homes located north and south of the Bob Graham Education Center on the west side of the corridor including Lucida Apartments, Silvercrest North Community, etc.

6.2 Recommended levels of pedestrian demand:

Based on the context classification of “C4 Urban General”, the pedestrian volume demand threshold does not need to be met for the study roadway. One bicyclist was observed during morning peak period riding on the grass shoulder adjacent to the southbound lanes. In addition, 14 pedestrians were observed during the morning drop off period and 3 pedestrians crossing the roadway was observed during the pickup period. There is no well-defined pattern of pedestrian crossing because there are no existing pedestrian facilities north of the school.

6.3 Minimum location characteristics:

This criterion requires a minimum vehicular volume of 2,000 Average Daily Traffic (ADT) along the roadway segment, which is exceeded as shown in **Table 4-1**. Furthermore, as required, there is more than 300 feet between the proposed pedestrian crossing and the nearest alternative crossing location (i.e., NW 169th Street located 2050-feet north). Finally, the proposed location is outside the influence area of any adjacent signalized intersections.

Table 6-1 indicates that all the requirements to establish the need for a marked crosswalk on SR 826 Frontage Road at NW 77th Court are met per FDOT TEM Guidelines. The proposed location was selected because it is the only location within the segment where there is no canal on either side of the roadway.

Table 6-1 FDOT TEM Guidelines for Crosswalks				
Criteria Category per Section 5.2.5.1	Criteria Requirement	Condition		Comment(s)
		Met	Not Met	
Proximity to Significant Generators and Attractors	A well-defined spatial pattern of pedestrian generators, attractors, and flow (across a roadway) between them.	✓		There was a pattern for pedestrians crossing NW 77th Court to access from the residential community on the north side to the Bob Graham Education Center.
	A well-defined pattern of existing pedestrian crossings.	✓		
Recommended Levels of Pedestrian Demand	Sufficient demand should exist that meets or exceeds the thresholds of 20 or more pedestrians during a single hour of an average day.	N/A	N/A	Based on the context classification of “C4 Urban General”, the pedestrian volume demand threshold for a mid-block crossing does not have to be met for the study roadway.
	A pedestrian volume demand threshold is not needed for the following: • Pedestrian crosswalks within a school zone. • Pedestrian crosswalks under specific roadway context classification for posted speed of 35 MPH or less. These include the following Context Classifications: - C2T Rural Town Context Classification zone - C3C Suburban Commercial Context Classification zone - C4 Urban General Context Classification zone - C5 Urban Center Context Classification zone - C6 Urban Core Context Classification zone	✓		
	Crosswalks threshold at midblock or unsignalized intersection connecting a shared use path.	N/A	N/A	
	Nature-based trail crossings.	N/A	N/A	
Minimum Location Characteristics	A minimum vehicular volume of 2,000 Average Daily Traffic (ADT) along the roadway.	✓		These requirements are met
	Minimum distance to nearest alternative crossing is 300 feet per FDOT Design Manual, Chapter 222.	✓		Nearest designated pedestrian crossing is >300 ft.
	The proposed location must be outside the influence area of adjacent signalized intersections, including the limits of the auxiliary turn lanes. When an adjacent intersection is signalized, the design must ensure that the ends of standing queues do not extend to the proposed marked crosswalk location.	✓		The proposed crosswalk location would not be within the standing queue of an adjacent signalized intersection.

6.4 Traffic Control Type Selection

The selection of the appropriate traffic control treatment for the proposed mid-block crossing was evaluated following the guidelines presented by FDOT’s TEM Section 5.2. Figure x shows the guidelines for the Installation of Pedestrian Treatments on Low-Speed Roadways.

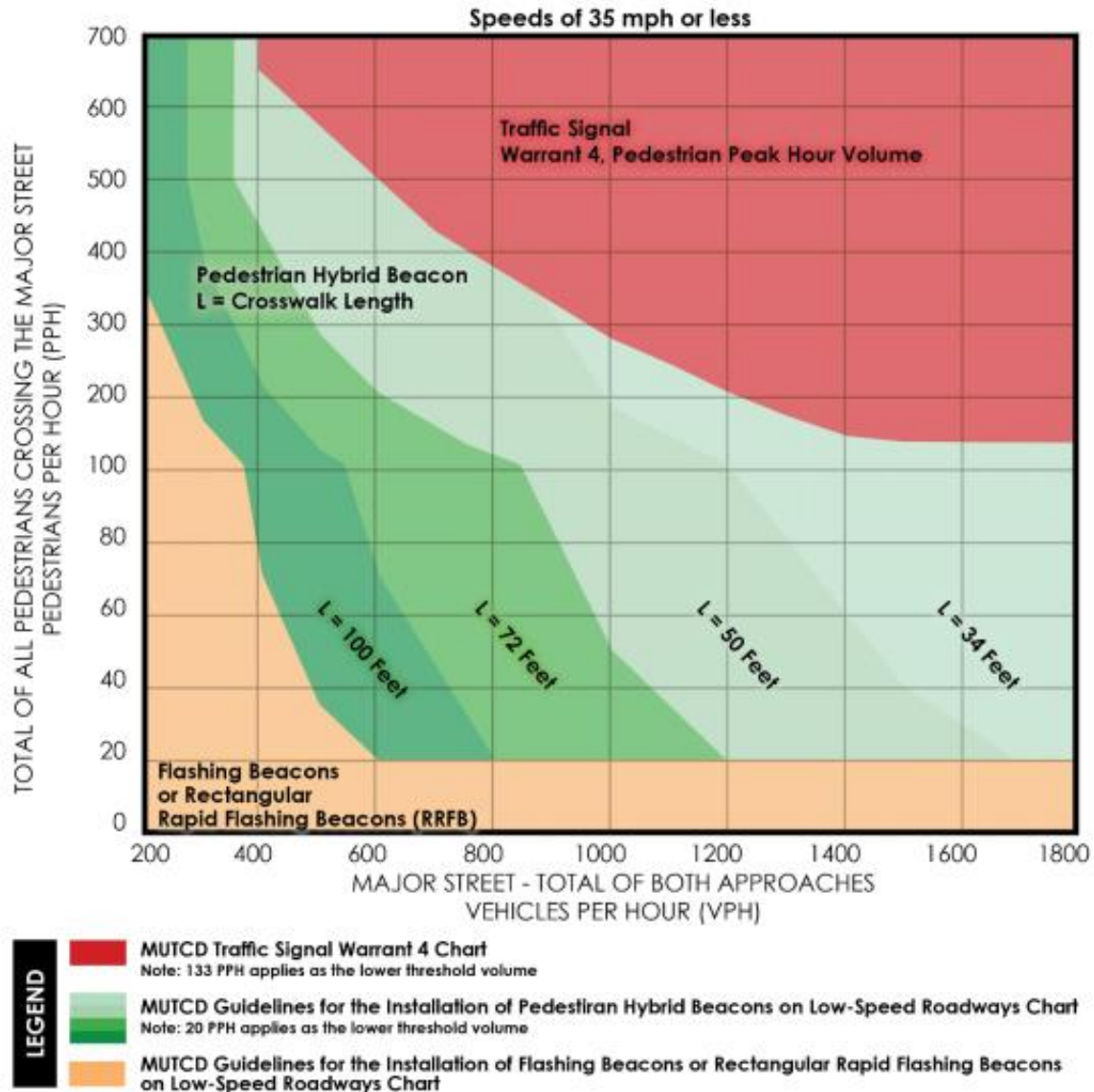


Figure 6-1 Guidelines for Installation of Pedestrian Treatment

Based on the roadway recommended target speed of 30 mph (See **Appendix E**), total approach volume of 958 vph (School drop-off period) and peak hourly pedestrian crossing of 2, a rectangular rapid flashing beacon is recommended as the traffic control type for this proposed mid-block crossing across NW 77th Court to provide safe crossing for pedestrians to access the Bob Graham Education Center from the residential community on the northeast side.

7.0 CONCLUSIONS AND RECOMMENDATIONS

This study evaluated the need for a mid-block crossing across the SR 826 Frontage Road at NW 77th Court in Miami Lakes, Florida. The proposed mid-block crossing will provide pedestrian access between the Bob Graham Education Center and the residential communities located northeast of the school and within the Bob Graham Education Center assigned school boundaries.

Traffic data including traffic volumes, speed data, pedestrian and bicycle data and gap data was obtained during typical weekdays. In addition, field reviews were performed to observe pedestrian and bicycle activity, pedestrian generators/receptors, travel patterns, and pedestrian-vehicle interaction. The speed data indicated that most of the vehicles are travelling above the existing 35 mph posted speed limit. One bicyclist was observed during morning peak period riding on the grass shoulder adjacent to the southbound lanes. A few students were observed using the existing sidewalk on the south side and the grass shoulder on the north side. In addition, one student was observed crossing the roadway during the afternoon after school dismissal period. The Gap data also shows that there are sufficient gaps for the AM peak period, however, for the PM peak period, the available gap is just short of the critical 10 seconds gap required to cross from one side of the roadway to the other.

The feasibility of installing a midblock marked pedestrian crosswalk along SR 826 Frontage Road at NW 77th Court (MP 0.696) was evaluated following the guidelines presented by FDOT Traffic Engineering Manual Section 5.2. The evaluation indicated that all the requirements to establish the need for a marked crosswalk on SR 826 Frontage Road at NW 77th Court are met. Consequently, a mid-block crossing controlled by a rectangular rapid flashing beacon is recommended across NW 77th Court between NW 162nd Terrace and NW 163rd Street. This will provide safe crossing for pedestrians and students to access the Bob Graham Education Center as well as the commercial center at the Royal Oak Shopping Plaza from the residential community on the northeast side. **Appendix F** shows the proposed mid-block crossing location.

A target speed of 30 mph was recommended for the roadway (See **Appendix E**). Given the relatively high vehicular speeds along the corridor, it is recommended to provide speed feedback signs and transverse rumble strips along both the northbound and southbound approaches to the location of the proposed midblock crossing. This will help reduce the operating speed within this roadway section to achieve the 30-mph target speed while also improving the gaps within the traffic stream to allow for safer crossing.

APPENDIX A

(RRR Safety Review)

Districtwide Traffic Operations & Safety Studies
FPID 250650-5-32-01
Contract C-AA02

September 2022

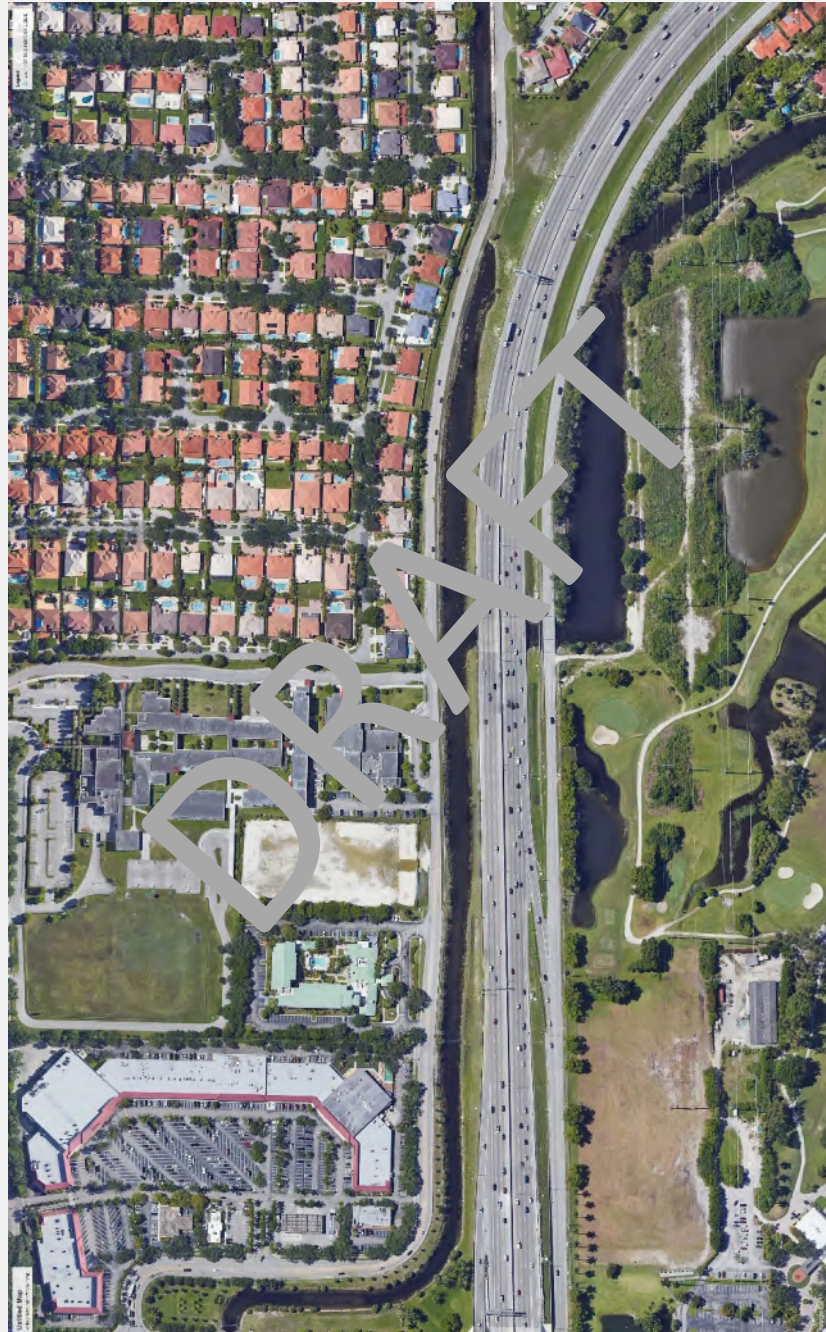
RRR SAFETY REVIEW

SR 826 Frontage Road

At NW 77th Court

Section 87260524

(MP 0.153 to 0.415 and MP 0.505 to 0.746)



Resurfacing, Restoration, and Rehabilitation (RRR/3R)

SAFETY REVIEW



District Six Traffic Operations

District-Wide Traffic Operations & Safety Studies

FM: 250650-5-32-01

Contract No. C-AA02

Task Work Order No. 67

SR 826 FRONTAGE ROAD

At NW 77th Court

Section 87260524 (MP 0.153 to 0.415 and MP 0.505 to 0.746)

FDOT Project Manager: Cristina Morales, E.I.

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ENGINEER'S CERTIFICATION

I, Jeffrey Slawinski, PE, with Florida PE No. 90922, certify that I currently hold an active Professional Engineer's License in the State of Florida, and I am competent through education or experience to provide engineering services in the civil and traffic engineering disciplines contained in this report. I further certify that this report was prepared by me or under my responsible charge as defined in Chapter 61G15-18.001 F.A.C. and that all statements, conclusions, and recommendations made herein are true and correct to the best of my knowledge and ability.

Project Description:

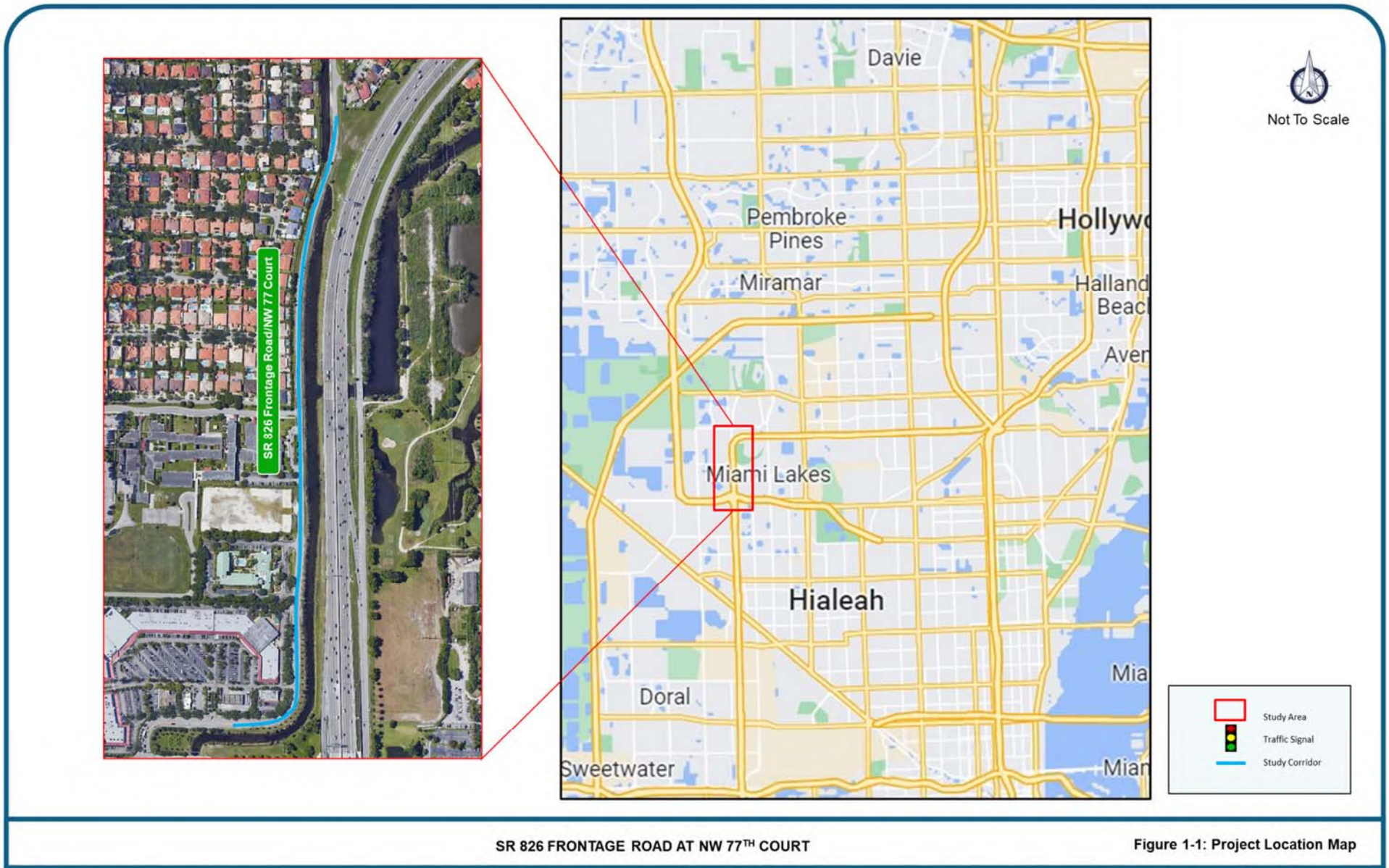
3R SAFETY REVIEW**SR 826 FRONTAGE ROAD****AT NW 77TH COURT****SECTION 87260524 (MP 0.153 TO 0.415 AND MP 0.505 TO 0.746)**

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1 INTRODUCTION

The segment of SR 826 Frontage Road at WN 77th Court was identified by the Department as a candidate for a Resurfacing, Restoration, and Rehabilitation (3R) project with FM No. 446239-1. This report has been prepared in response to the Department's request for a safety review for this project. The purpose of the safety review is to identify crash patterns, suggest a further review, and/or recommend safety countermeasures to enhance safety and operations. Some of the recommended improvements could potentially be implemented through the subject 3R Project. **Figure 1-1** depicts the locations of the 3R safety review project.

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SR 826 FRONTAGE ROAD AT NW 77TH COURT

Figure 1-1: Project Location Map

2 EXISTING CONDITIONS

The study segment runs along SR 826 Frontage Road at NW 77th Court from MP 0.153 to MP 0.746 in Miami-Dade County, Florida. The SR 826 Frontage Road at NW 77th Court is identified as section 87260524 on the State Highway System (SHS).

The SR 826 Frontage Road at NW 77th Court runs in the north-south direction, and its typical section consists of one (1) travel lane in each direction with curb and gutters along both sides from MP 0.000 to MP 0.385 and grass shoulder from MP 0.385 to MP 1.100. A sidewalk is provided along the west side of the roadway from MP 0.000 to MP 0.463. A canal (Peter's Pike Canal) runs along the frontage road, crossing from the west side to the east side under the roadway at approximately MP 0.696, with a guardrail to protect drivers. Within the study limits, the study segment does not have a functionally classification or context classification.

The land use along SR 90/SW 7th Street is primarily residential, including multi-family buildings and single-family homes, with a strip mall at the south end of the study segment. The Bob Graham Education Center is located within the study limits. The study limits have a posted speed limit of 35 MPH, posted facing southbound just south of NW 164th Court and facing northbound just north of the Bob Graham Education Center. Bob Graham Education Center has a school zone with a 15 MPH posted speed limit. There are two curves in the study segment, with a curve advisory speed of 20 MPH at the south end of the study limit and a curve advisory speed of 25 MPH at the north end of the study segment. There are only light poles along the east side of the roadway north of where the Peter's Pike Canal crosses the study segment. There are no bus stops within the study corridor. There is no straight-line diagram for the roadway section forming the study segment.

The study segment does not include any intersections but includes seven (7) driveways:

- Royal Oaks Plaza Center Driveway
- Royal Oaks Plaza North Driveway
- Sonesta Select South Driveway
- Sonesta Select North Driveway
- Lucida Apartments Driveway
- Bob Graham Education Center Staff Parking Lot Driveway
- Bob Graham Education Center Pick-up/Drop-off Exit

3 WORK PROGRAM REVIEW

A review of the FIVE-YEAR FDOT Work Program and relevant studies did not reveal any planned or previous projects or studies.

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4 CRASH ANALYSIS

The crash data for the latest three-year period (January 1, 2015 to December 31, 2019) was downloaded from the FDOT's Crash Analysis Reporting (CAR) online system, reviewed, and summarized for the study segment. The raw data for the segments included two (2) crashes. Additionally, a review of the Signal Four Analytics Database for all crashes that occurred from January 1, 2015, to October 31, 2021, revealed three (3) crashes.

- The segment experienced five (5) crashes in the five (5) years, with a yearly breakdown of two (2), zero (0), zero (0), one (1), and two (2) (2015, 2016, 2017, 2018, and 2019, respectively). The crashes included two (2) fixed object crashes, two (2) rear end crashes, and one (1) sideswipe crash.
- The percentage of nighttime crashes (night/dusk/dawn) was 60.0% (three (3) crashes).
- The percentage of crashes during wet/slippery pavement conditions was 40.0% (two (2) crashes).
- Based on crash severity, four (4) crashes were property damage-only crashes and one (1) crash was an injury crash. *There were no fatal crashes during the three-year study period.*
- The first fixed object crash involved a northbound driver that lost control of their vehicle and crashed into a sign post, the guard rail barrier on the west side of the study segment, a palm tree, and finally a light pole. The crash occurred just north of Bob Graham Education Center. The crash was an injury crash and occurred under wet pavement, raining weather, and dark-lighted conditions.
- The second fixed object crash involved a northbound driver that lost control of their vehicle and crashed into the guard rail barrier on the west side of the study segment. The crash occurred just north of where the Peter's Pike Canal crosses under the study segment. According to the police report, the driver was witnessed traveling northbound at a high rate of speed when they lost control. The crash was a property-damage crash and occurred under dry pavement, clear weather, and daylight conditions.
- The sideswipe crash involved northbound vehicles and occurred just north of where the Peter's Pike Canal crosses under the study segment. According to the police report, the crash occurred when a driver attempting to pass on the shoulder sideswiped another vehicle. The crash was a property-damage crash and occurred under dry pavement, clear weather, and dark-unknown lighting conditions.
- The first rear end crash involved two northbound vehicles and occurred at the entrance to the staff parking lot at Bob Graham Education Center. According to the police report, traffic stopped due to a vehicle stopped to make a left turn into the parking lot. The crash occurred when a driver failed to stop and crashed into the vehicle ahead of them. The crash was a property damage only crash and occurred under dry pavement, clear weather, and dawn lighting conditions.
- The second rear end crash involved two southbound vehicles and occurred just north of the center driveway to the Royal Oaks Plaza Center. According to the police report, the crash occurred when a driver failed to stop in reference to slowing traffic and struck the vehicle ahead of them. The crash was a property damage only crash and occurred under wet pavement, clear weather, and daylight lighting conditions.
- According to the Department's 2016-2018 High Crash Lists for spots and segments, there are no high crash locations included in the segment.

- Segments with a confidence level of 99.95%, or higher, have a probability of their crash rates being abnormally high. **Table 4.1** shows the study segment's confidence level within their classification, calculated at 50.00% for 2015, 2018, and 2019 in the urban segment and are not abnormally high.

Table 4.1: Confidence Level Calculations

Year	2015	2016	2017	2018	2019
Number of Crashes	2	0	2	5	1
Average Daily Traffic (ADT)	15,103	#DIV/0!	#DIV/0!	15,103	15,103
Actual Crash Rate (ACR)	0.612	#DIV/0!	#DIV/0!	1.530	0.306
District 6 Average Crash Rate (A)	9.597	10.667	7.445	7.265	8.236
Average Vehicle Exposure (M)	3.269	#DIV/0!	#DIV/0!	3.269	3.269
Critical Crash Rate (CCR)	12.802	#DIV/0!	#DIV/0!	10.034	11.194
Safety Ratio	0.750	#DIV/0!	#DIV/0!	0.724	0.736
Statistical Significance	-5.155	-	-	-3.745	-4.900
Confidence Level	50.00%	99.99%	99.99%	50.00%	50.00%

Table 4.2 presents a summary by crash type for the segment, and **Table 4.3** presents a crash summary by different categories, such as lighting conditions, surface conditions, and weather conditions. The same information is depicted graphically in **Figure 4-1** for visual comparison. Collision Diagrams were prepared for the above locations for the analysis period of January 1, 2017, through December 31, 2019, and are presented in **Appendix A**. The raw crash data for the segment is also presented in **Appendix B**.

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Table 4.2: Crash Summary by Type – Segment

SR 826 Frontage Road at NW 77 Court		Number of Crashes					5 Year Total Crashes	Mean Crashes Per Year	%
		Year							
		2015	2016	2017	2018	2019			
CRASH TYPE	Rear End	1	0	0	0	1	2	0	40.0%
	Head On	0	0	0	0	0	0	0	0.0%
	Angle	0	0	0	0	0	0	0	0.0%
	Left Turn	0	0	0	0	0	0	0	0.0%
	Right Turn	0	0	0	0	0	0	0	0.0%
	Sideswipe	0	0	0	0	1	1	0	20.0%
	Backed Into	0	0	0	0	0	0	0	0.0%
	Pedestrian	0	0	0	0	0	0	0	0.0%
	Bicycle	0	0	0	0	0	0	0	0.0%
	Fixed Object	1	0	0	1	0	2	0	40.0%
	Impact Attenuator/Crash Cushion	0	0	0	0	0	0	0	0.0%
	Bridge Overhead Structure	0	0	0	0	0	0	0	0.0%
	Bridge Pier or Support	0	0	0	0	0	0	0	0.0%
	Bridge Rail	0	0	0	0	0	0	0	0.0%
	Culvert	0	0	0	0	0	0	0	0.0%
	Curb	0	0	0	0	0	0	0	0.0%
	Ditch	0	0	0	0	0	0	0	0.0%
	Embankment	0	0	0	0	0	0	0	0.0%
	Guardrail Face	0	0	0	1	0	1	0	20.0%
	Guardrail End	0	0	0	0	0	0	0	0.0%
	Cable Barrier	0	0	0	0	0	0	0	0.0%
	Concrete Traffic Barrier	0	0	0	0	0	0	0	0.0%
	Other Traffic Barrier	0	0	0	0	0	0	0	0.0%
	Tree (Standing)	0	0	0	0	0	0	0	0.0%
	Utility Pole/Light Support	0	0	0	0	0	0	0	0.0%
	Traffic Sign Support	1	0	0	0	0	1	0	20.0%
	Traffic Signal Support	0	0	0	0	0	0	0	0.0%
	Other Post, Pole Or Support	0	0	0	0	0	0	0	0.0%
	Fence	0	0	0	0	0	0	0	0.0%
	Mailbox	0	0	0	0	0	0	0	0.0%
	Other Fixed Object	0	0	0	0	0	0	0	0.0%
	Other Non Fixed Object Collisions	0	0	0	0	0	0	0	0.0%
	Railway Vehicle (Train, Engine)	0	0	0	0	0	0	0	0.0%
	Animal	0	0	0	0	0	0	0	0.0%
	Motor Vehicle in Transport	0	0	0	0	0	0	0	0.0%
	Parked Motor Vehicle	0	0	0	0	0	0	0	0.0%
	Work Zone/Maintenance Equip.	0	0	0	0	0	0	0	0.0%
	Struck by Falling/Shifting Cargo	0	0	0	0	0	0	0	0.0%
	Other Non-Fixed Object	0	0	0	0	0	0	0	0.0%
	Non-Collisions	0	0	0	0	0	0	0	0.0%
Overturn/Rollover	0	0	0	0	0	0	0	0.0%	
Fire/Explosion	0	0	0	0	0	0	0	0.0%	
Immersion	0	0	0	0	0	0	0	0.0%	
Jackknife	0	0	0	0	0	0	0	0.0%	
Cargo/Equipment Loss or Shift	0	0	0	0	0	0	0	0.0%	
Fell/Jumped from Motor Vehicle	0	0	0	0	0	0	0	0.0%	
Thrown or Falling Object	0	0	0	0	0	0	0	0.0%	
Ran into Water/Canal	0	0	0	0	0	0	0	0.0%	
Other Non-Collision	0	0	0	0	0	0	0	0.0%	
Others	0	0	0	0	0	0	0	0.0%	
Total Crashes	2	0	0	1	2	5	1	100.0%	

Table 4.3: Crash Summaries by Other Categories – Segment

SR 826 Frontage Road at NW 77 Court		Number of Crashes					5 Year Total Crashes	Mean Crashes Per Year	%
		Year							
		2015	2016	2017	2018	2019			
SEVERITY	PDO Crashes	1	0	0	1	2	4	1	80.0%
	Fatal Crashes	0	0	0	0	0	0	0	0.0%
	Injury Crashes	1	0	0	0	0	1	0	20.0%
LIGHTING CONDITIONS	Daylight	0	0	0	1	1	2	0	40.0%
	Dusk	0	0	0	0	0	0	0	0.0%
	Dawn	1	0	0	0	0	1	0	20.0%
	Dark	1	0	0	0	1	2	0	40.0%
	Unknown	0	0	0	0	0	0	0	0.0%
SURFACE CONDITIONS	Dry	1	0	0	1	1	3	1	60.0%
	Wet	1	0	0	0	1	2	0	40.0%
	Others	0	0	0	0	0	0	0	0.0%
MONTH OF YEAR	January	0	0	0	0	0	0	0	0.0%
	February	0	0	0	1	1	2	0	40.0%
	March	0	0	0	0	0	0	0	0.0%
	April	0	0	0	0	0	0	0	0.0%
	May	0	0	0	0	1	1	0	20.0%
	June	0	0	0	0	0	0	0	0.0%
	July	1	0	0	0	0	1	0	20.0%
	August	0	0	0	0	0	0	0	0.0%
	September	0	0	0	0	0	0	0	0.0%
	October	0	0	0	0	0	0	0	0.0%
	November	1	0	0	0	0	1	0	20.0%
	December	0	0	0	0	0	0	0	0.0%
DAY OF WEEK	Monday	0	0	0	0	0	0	0	0.0%
	Tuesday	0	0	0	0	0	0	0	0.0%
	Wednesday	0	0	0	0	2	2	0	40.0%
	Thursday	1	0	0	1	0	2	0	40.0%
	Friday	0	0	0	0	0	0	0	0.0%
	Saturday	0	0	0	0	0	0	0	0.0%
	Sunday	1	0	0	0	0	1	0	20.0%
HOUR OF DAY	00:00-06:00	1	0	0	0	0	1	0	20.0%
	06:00-09:00	0	0	0	0	0	0	0	0.0%
	09:00-11:00	0	0	0	1	0	1	0	20.0%
	11:00-13:00	0	0	0	0	0	0	0	0.0%
	13:00-15:00	0	0	0	0	2	2	0	40.0%
	15:00-18:00	0	0	0	0	0	0	0	0.0%
	18:00-21:00	1	0	0	0	0	1	0	20.0%
	21:00-24:00	0	0	0	0	0	0	0	0.0%
WEATHER CONDITIONS	Clear	1	0	0	1	2	4	1	80.0%
	Cloudy	0	0	0	0	0	0	0	0.0%
	Rain	1	0	0	0	0	1	0	20.0%
	Fog, Smog, Smoke	0	0	0	0	0	0	0	0.0%
	Sleet/Hail/Freezing Rain	0	0	0	0	0	0	0	0.0%
	Blowing Sand, Soil, Dirt	0	0	0	0	0	0	0	0.0%
	Severe Crosswinds	0	0	0	0	0	0	0	0.0%
	Other	0	0	0	0	0	0	0	0.0%



Figure 4-1: Histograms of Crash Summaries

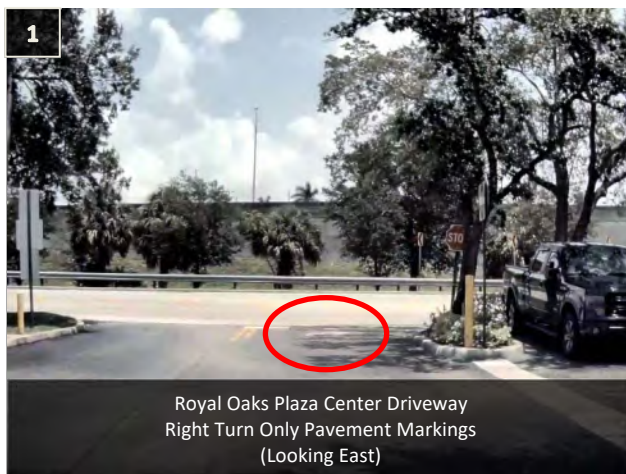
5 FIELD REVIEW

The field reviews were conducted during the following periods:

- Wednesday, July 27th, 2022, from 12:00 PM to 2:00 PM
- Thursday, September 8th, 2022, from 3:00 PM to 5:00 PM

Segmentwide

- There was low pedestrian or bicyclist activity along the segment. The majority of pedestrians were students and parents exiting Bob Graham Education Center and walking to a parked vehicle.
- Prior to school release, a long southbound queue formed on the shoulder north of Bob Graham Education Center, waiting for student release. This queue extended to NW 164th Terrace and was occupying the southbound lane north of the canal. The queue took approximately 20 minutes after school release to dissipate.
- Outside of the school pickup time, northbound and southbound traffic was low during the field reviews. Some vehicles were observed traveling at a high rate of speed, in excess of the speed limit.
- The “School Exit” sign facing northbound at the Bob Graham Education Center Pick-up/Drop-off Exit is faded and the text is running.
- Drivers exiting the Royal Oaks Plaza Center Driveway were observed making a left turn across the painted median. The Royal Oaks Plaza Center Driveway has right turn only pavement markings.
- Vegetation was obstructing the speed limit sign facing southbound just north of Bob Graham Education Center.
- The sidewalk has a gap from north of Bob Graham Education Center to south of NW 164th Court.
- Several conflicts between northbound drivers in the northbound lane and southbound drivers attempting to pass the queue were observed, with some drivers swerving onto the grass shoulder to avoid a crash.







School pickup queue extends into the southbound lanes (Looking North)



School pickup queue extends into the southbound lanes (Looking South)

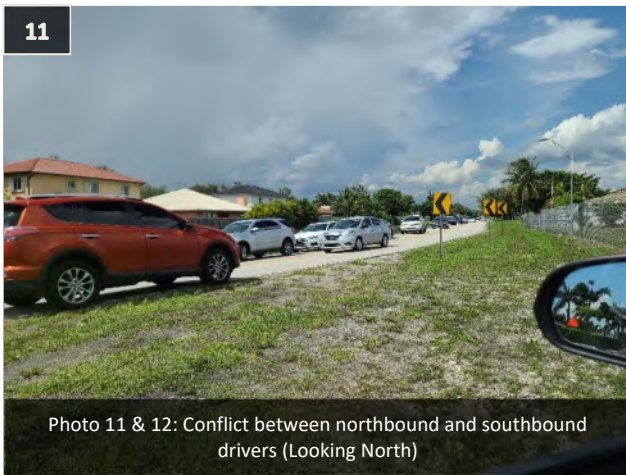


Photo 11 & 12: Conflict between northbound and southbound drivers (Looking North)



Photo 11 & 12: Conflict between northbound and southbound drivers (Looking North)



Bicyclist southbound during school release (Looking South)



Curve signs facing southbound traffic just north of the curve (Looking South)

6 IMPROVEMENT DEVELOPMENT**6.1 CRASH PATTERNS AND COUNTERMEASURES**

While the crashes were spread throughout the study segment and no crash patterns were identified, non-safety improvements were proposed based on the conditions observed during the field reviews. The improvements are as follows:

SR 826 FRONTAGE ROAD AT NW 77TH COURT - SEGMENTWIDE**Non-Safety Improvements:**

- Consider installing a “Right Turn Only” (R3-5R) signs facing eastbound at the Royal Oaks Plaza Center Driveway.
- Consider removing the Curve (W1-2) signs on the northbound and southbound approaches to the curve at the south end of the segment and install a Turn (W1-1) signs. Per MUTCD, turn signs shall be used instead of curve signs in advance of curves that have an advisory speed of 30 MPH or less.
- Consider replacing the worn out “School Exit” sign at the Bob Graham Education Center Pick-up/Drop-off Exit.
- Consider trimming the vegetation obstructing the speed limit sign facing southbound just north of Bob Graham Education Center.
- Consider installing a “Speed Limit 35” (R2-1) facing southbound just north of the curve at Royal Oaks Plaza.
- Consider widening the roadway north of Peter’s Pike Canal. This improvement is intended to address the conflicts between northbound and southbound traffic during school release.

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7 IMPROVEMENT RECOMMENDATIONS

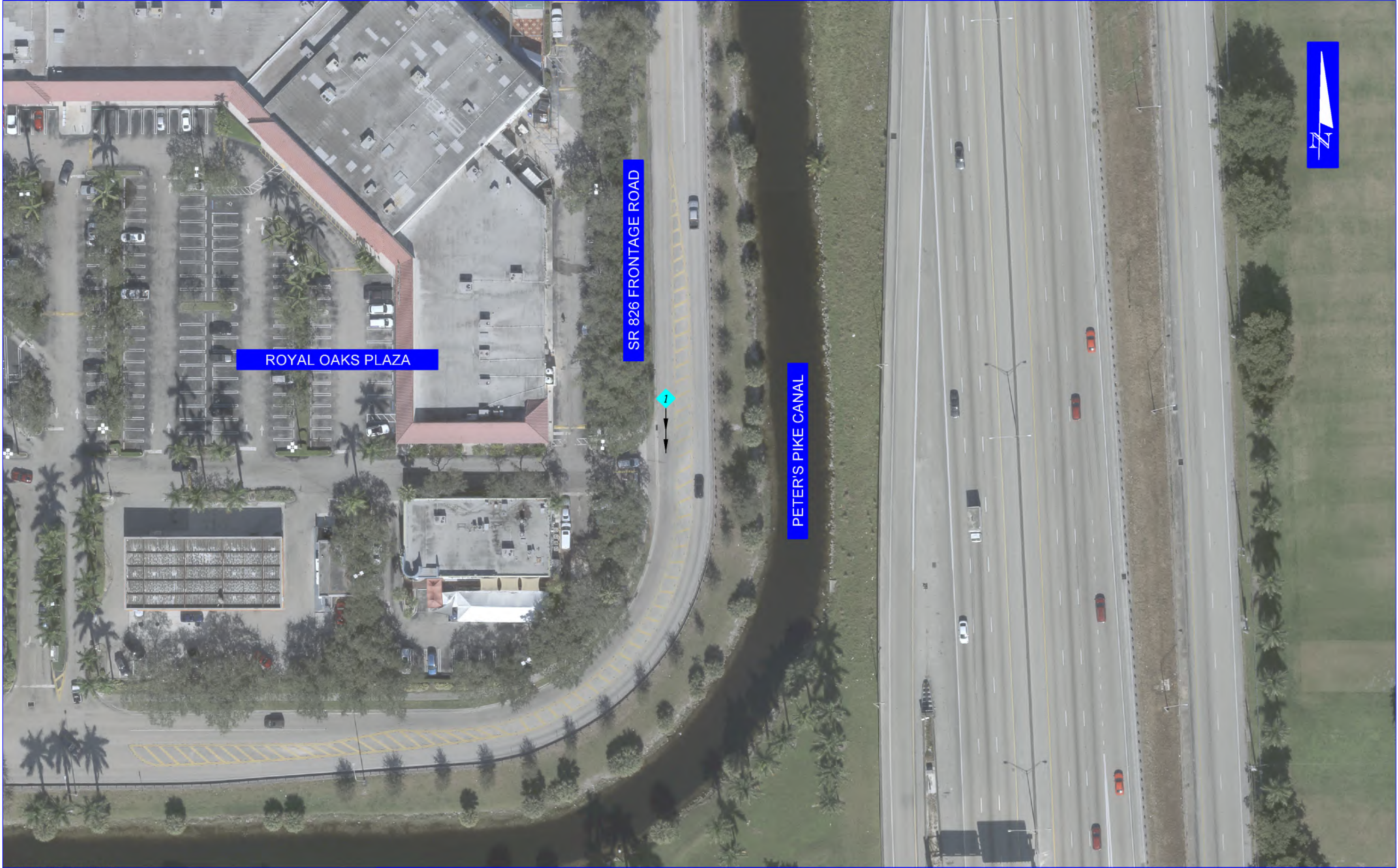
While the crashes were spread throughout the study segment and no crash patterns were identified, non-safety improvements were proposed based on the conditions observed during the field reviews. The improvements are as follows:

SR 826 FRONTAGE ROAD AT NW 77TH COURT - SEGMENTWIDE**Non-Safety Improvements:**

- Consider installing a "Right Turn Only" (R3-5R) signs facing eastbound at the Royal Oaks Plaza Center Driveway.
- Consider removing the Curve (W1-2) signs on the northbound and southbound approaches to the curve at the south end of the segment and install a Turn (W1-1) signs.
- Consider replacing the worn out "School Exit" sign at the Bob Graham Education Center Pick-up/Drop-off Exit.
- Consider trimming the vegetation obstructing the speed limit sign facing southbound just north of Bob Graham Education Center.
- Consider installing a "Speed Limit 35" (R2-1) facing southbound just north of the curve at Royal Oaks Plaza.
- Consider widening the roadway north of Peter's Pike Canal.

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APPENDIX A – COLLISION DIAGRAMS AND ANNUAL CRASH SUMMARIES



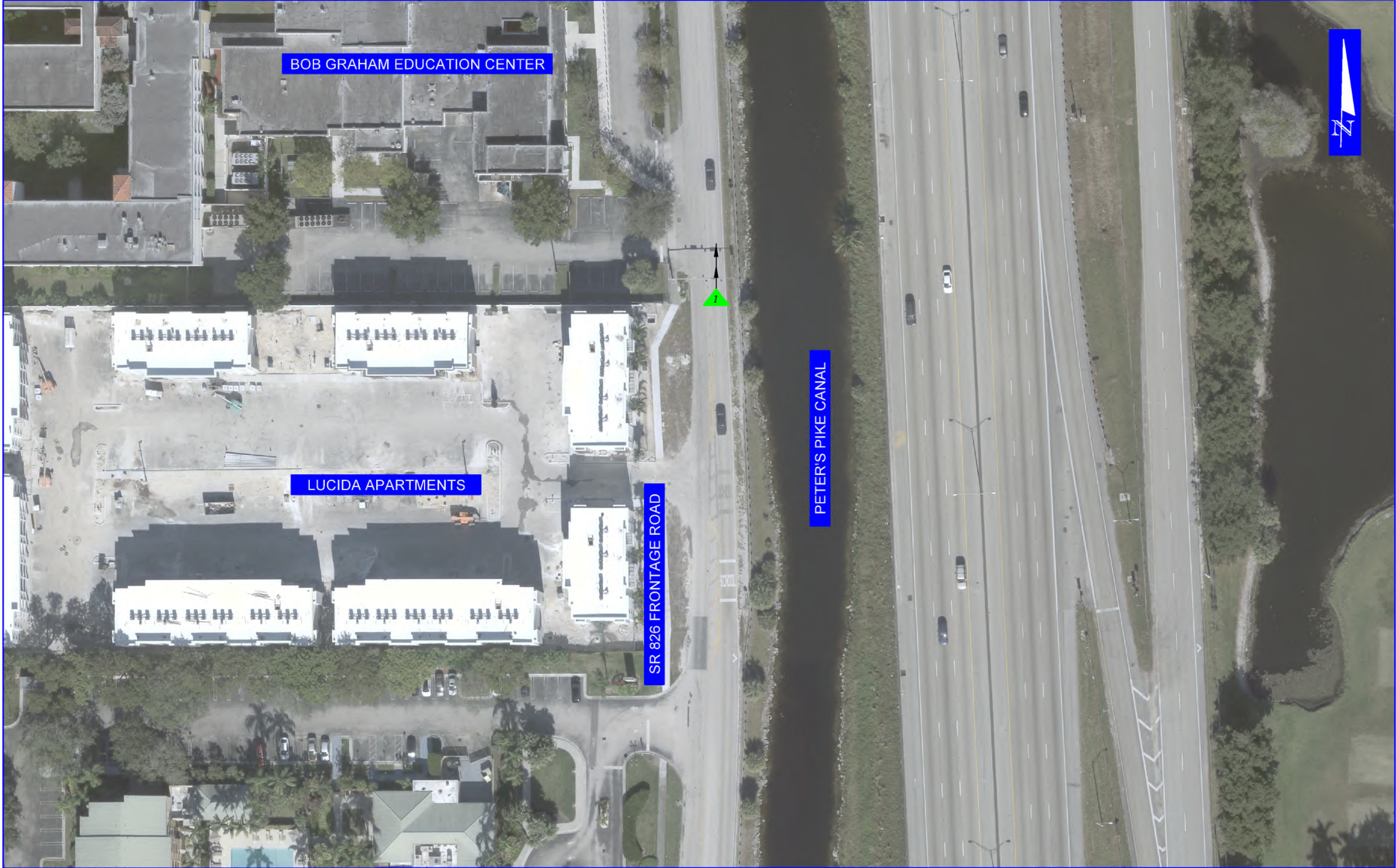
COLLISION SYMBOLS:

④ RECORD NUMBER	🚲 BICYCLIST	➡️ □️ FIXED OBJECT	↙️ LEFT TURN	➡️➡️ HEAD ON	* CARGO LOSS/DEBRIS	▲ YR 2015	▼ YR 2018
○ INJURY	🚶 PEDESTRIAN	➡️ ◻️ PARKED CAR	🌀 OUT OF CONTROL	↘️ ANGLE	↻ U-TURN	● YR 2016	◆ YR 2019
● FATAL	↔️ BACKING VEHICLE	➡️ ➡️ REAR END	↘️ RIGHT TURN	↔️ SIDE SWIPE	🚗 OVERTURNED	■ YR 2017	

**COLLISION DIAGRAM
SR 826 FRONTAGE ROAD
AT NW 77 COURT**

FIGURE NO.

C-1



BOB GRAHAM EDUCATION CENTER

LUCIDA APARTMENTS

SR 826 FRONTAGE ROAD

PETER'S PIKE CANAL



COLLISION SYMBOLS:

⊙	RECORD NUMBER	🚲	BICYCLIST	▭	FIXED OBJECT	↙	LEFT TURN	↔	HEAD ON	*	CARGO LOSS/DEBRIS	▲	YR 2015	▼	YR 2018
○	INJURY	🚶	PEDESTRIAN	▣	PARKED CAR	🌀	OUT OF CONTROL	↘	ANGLE	↻	U-TURN	●	YR 2016	◆	YR 2019
●	FATAL	↔	BACKING VEHICLE	↔	REAR END	↘	RIGHT TURN	↘	SIDE SWIPE	↘	OVERTURNED	■	YR 2017		

**COLLISION DIAGRAM
SR 826 FRONTAGE ROAD
AT NW 77 COURT**

FIGURE NO.

C-2



COLLISION SYMBOLS:

⊙	RECORD NUMBER	🚲	BICYCLIST	➡	FIXED OBJECT	↙	LEFT TURN	➡➡	HEAD ON	*	CARGO LOSS/DEBRIS	▲	YR 2015	▼	YR 2018
○	INJURY	🚶	PEDESTRIAN	➡	PARKED CAR	⤴	OUT OF CONTROL	↘	ANGLE	↻	U-TURN	●	YR 2016	◆	YR 2019
●	FATAL	↔	BACKING VEHICLE	➡➡	REAR END	↘	RIGHT TURN	↘↘	SIDE SWIPE	↘	OVERTURNED	■	YR 2017		

**COLLISION DIAGRAM
SR 826 FRONTAGE ROAD
AT NW 77 COURT**

FIGURE NO.

C-2



COLLISION SYMBOLS:

④ RECORD NUMBER	🚲 BICYCLIST	🚚 FIXED OBJECT	👉 LEFT TURN	🚗 HEAD ON	* CARGO LOSS/DEBRIS	▲ YR 2015	▼ YR 2018
⊙ INJURY	🚶 PEDESTRIAN	🚗 PARKED CAR	👈 OUT OF CONTROL	📐 ANGLE	🔄 U-TURN	● YR 2016	◆ YR 2019
● FATAL	🚗↔️ BACKING VEHICLE	👈 REAR END	👈 RIGHT TURN	📐 SIDE SWIPE	📐 OVERTURNED	■ YR 2017	

**COLLISION DIAGRAM
SR 826 FRONTAGE ROAD
AT NW 77 COURT**

FIGURE NO.

C-4

State of Florida Department of Transportation

CRASH SUMMARY

SECTION: 87260524														STATE ROUTE: #N/A							
ROADWAY LIMITS: SR 826 Frontage Road at NW 77 Court														M.P. 0.153		TO 0.746		ENGINEER: FDOT D6			
STUDY PERIOD: FROM 1/ 2015														TO 12/ 2015		COUNTY: Miami-Dade					
Crash Number	No.	MILE POST	DATE	DAY	TIME	CRASH TYPE				FATAL	INJURIES	PROP DAM	DAY / NIGHT	WET / DRY	CONTRIBUTING CAUSE (VEHICLE ONLY)						
850882770	1	0.189	07/02/15	Thu	1923	Rear-End				0	0	1	Night	Dry	Careless or Negligent Manner						
860009620	2	0.744	11/15/15	Sun	0554	Traffic Sign Support				0	1	0	Night	Wet	Careless or Negligent Manner						
	Total No.	Fatal	Injury	PDO	Rear-End	Head-On	Angle	Left-Turn	Right-Turn	Sideswipe	Backed Into	Ped/Bike	Parked Car	Fixed Object	Ran into Water	Other					
	2	0	1	1	1	0	0	0	0	0	0	0	0	1	0	0					
	Percent	0.00%	50.00%	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%					
	Contrib. Cause	Day	Night	Wet	Dry	Careless Driving	FTYRW	Improper Turn	Ran Red Light	Exceeded Speed	Improper Passing	Disreg Cntl Dev	Erratic/Aggress	Ran off Road	DUI	Wrong Way					
	Total	0	2	1	1	2	0	0	0	0	0	0	0	0	0	0					
	Percent	0.00%	100.00%	50.00%	50.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%					
TOTAL ENTERING VEHICLES/ADT: 15,103										SEGMENT CRASH RATE: 0.612 CRASHES PER MILLION VEHICLE MILES											

**State of Florida Department of Transportation
CRASH SUMMARY**

SECTION: **87260524** STATE ROUTE: **#N/A**
 ROADWAY LIMITS: **SR 826 Frontage Road at NW 77 Court** M.P. **0.153** TO **0.746** ENGINEER: **FDOT D6**
 STUDY PERIOD: FROM **1/ 2016** TO **12/ 2016** COUNTY: **Miami-Dade**

Crash Number	No.	MILE POST	DATE	DAY	TIME	CRASH TYPE			FATAL	INJURIES	PROP DAM	DAY / NIGHT	WET / DRY	CONTRIBUTING CAUSE (VEHICLE ONLY)		
						Head-On	Angle	Left-Turn						Right-Turn	Sideswipe	Backed Into
	Total No.	Fatal	Injury	PDO	Rear-End	Head-On	Angle	Left-Turn	Right-Turn	Sideswipe	Backed Into	Ped/Bike	Parked Car	Fixed Object	Ran into Water	Other
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Percent	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Contrib. Cause	Day	Night	Wet	Dry	Careless Driving	FTYRW	Improper Turn	Ran Red Light	Exceeded Speed	Improper Passing	Disreg Cntl Dev	Erratic/Aggress	Ran off Road	DUI	Wrong Way
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Percent	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
TOTAL ENTERING VEHICLES/ADT: #DIV/0!									SEGMENT CRASH RATE: #DIV/0! CRASHES PER MILLION VEHICLE MILES							

**State of Florida Department of Transportation
CRASH SUMMARY**

SECTION: **87260524** STATE ROUTE: **#N/A**
 ROADWAY LIMITS: **SR 826 Frontage Road at NW 77 Court** M.P. **0.153** TO **0.746** ENGINEER: **FDOT D6**
 STUDY PERIOD: FROM **1/ 2017** TO **12/ 2017** COUNTY: **Miami-Dade**

Crash Number	No.	MILE POST	DATE	DAY	TIME	CRASH TYPE			FATAL	INJURIES	PROP DAM	DAY / NIGHT	WET / DRY	CONTRIBUTING CAUSE (VEHICLE ONLY)		
						Head-On	Angle	Left-Turn						Right-Turn	Sideswipe	Backed Into
	Total No.	Fatal	Injury	PDO	Rear-End	Head-On	Angle	Left-Turn	Right-Turn	Sideswipe	Backed Into	Ped/Bike	Parked Car	Fixed Object	Ran into Water	Other
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Percent	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Contrib. Cause	Day	Night	Wet	Dry	Careless Driving	FTYRW	Improper Turn	Ran Red Light	Exceeded Speed	Improper Passing	Disreg Cntl Dev	Erratic/Aggress	Ran off Road	DUI	Wrong Way
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Percent	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
TOTAL ENTERING VEHICLES/ADT: #DIV/0!									SEGMENT CRASH RATE: #DIV/0! CRASHES PER MILLION VEHICLE MILES							

**State of Florida Department of Transportation
CRASH SUMMARY**

SECTION: **87260524** STATE ROUTE: **#N/A**
 ROADWAY LIMITS: **SR 826 Frontage Road at NW 77 Court** M.P. **0.153** TO **0.746** ENGINEER: **FDOT D6**
 STUDY PERIOD: FROM **1/ 2018** TO **12/ 2018** COUNTY: **Miami-Dade**

Crash Number	No.	MILE POST	DATE	DAY	TIME	CRASH TYPE				FATAL	INJURIES	PROP DAM	DAY / NIGHT	WET / DRY	CONTRIBUTING CAUSE (VEHICLE ONLY)		
876275170	1	0.682	02/22/18	Thu	1018	Guardrail Face				0	0	1	Day	Dry	Careless or Negligent Manner		
	Total No.	Fatal	Injury	PDO	Rear-End	Head-On	Angle	Left-Turn	Right-Turn	Sideswipe	Backed Into	Ped/Bike	Parked Car	Fixed Object	Ran into Water	Other	
	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	
	Percent	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	
	Contrib.					Careless Driving	FTYRW	Improper Turn	Ran Red Light	Exceeded Speed	Improper Passing	Disreg Cntl Dev	Erratic/Aggress	Ran off Road	DUI	Wrong Way	
	Total	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	
	Percent	100.00%	0.00%	0.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
TOTAL ENTERING VEHICLES/ADT: #DIV/0!									SEGMENT CRASH RATE: #DIV/0! CRASHES PER MILLION VEHICLE MILES								

State of Florida Department of Transportation																
CRASH SUMMARY																
SECTION:		87260524								STATE ROUTE: #N/A						
ROADWAY LIMITS:		SR 826 Frontage Road at NW 77 Court								M.P. 0.153		TO 0.746		ENGINEER: FDOT D6		
STUDY PERIOD:		FROM 1/ 2019				TO 12/ 2019				COUNTY: Miami-Dade						
Crash Number	No.	MILE POST	DATE	DAY	TIME	CRASH TYPE			FATAL	INJURIES	PROP DAM	DAY / NIGHT	WET / DRY	CONTRIBUTING CAUSE (VEHICLE ONLY)		
888770840	1	0.201	05/15/19	Wed	1357	Rear-End			0	0	1	Day	Wet	Careless or Negligent Manner		
888659340	2	0.701	02/27/19	Wed	1340	Sideswipe			0	0	1	Night	Dry	Improper Passing		
	Total No.	Fatal	Injury	PDO	Rear-End	Head-On	Angle	Left-Turn	Right-Turn	Sideswipe	Backed Into	Ped/Bike	Parked Car	Fixed Object	Ran into Water	Other
	2	0	0	2	1	0	0	0	0	1	0	0	0	0	0	0
	Percent	0.00%	0.00%	100.00%	50.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Contrib. Cause	Day	Night	Wet	Dry	Careless Driving	FTYRW	Improper Turn	Ran Red Light	Exceeded Speed	Improper Passing	Disreg Cntl Dev	Aggress	Ran off Road	DUI	Wrong Way
	Total	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0
	Percent	50.00%	50.00%	50.00%	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL ENTERING VEHICLES/ADT: #DIV/0!									SEGMENT CRASH RATE: #DIV/0! CRASHES PER MILLION VEHICLE MILES							

APPENDIX B – RAW CRASH DATA



```
          CCCCCCCCCC      AAAAAAAAAA      RRRRRRRRRR
        CCCCCCCCCC      AAAAAAAAAAAA      RRRRRRRRRRRR
       CCC             AAA      AAA      RRR      RRR
      CCC             AAA      AAA      RRR      RRR
     CCC             AAAAAAAAAA      RRRRRRRRRRRR
    CCC             AAAAAAAAAAAA      RRRRRRRRRRRRRR
   CCC             AAA      AAA      RRR      RRR
  CCC             AAA      AAA      RRR      RRR
 CCCCCCCCCC      AAA      AAA      RRR      RRRR
CCCCCCCCCCCC      AAA      AAA      RRR      RRRRRR
```

C R A S H R E P O R T I N G S Y S T E M

N O T I C E: THE INFORMATION CONTAINED IN THIS DOCUMENT (REPORT, SCHEDULE, LIST, OR DATA) HAS BEEN COMPILED FROM INFORMATION COLLECTED FOR THE PURPOSE OF IDENTIFYING, EVALUATING, OR PLANNING SAFETY ENHANCEMENTS. THIS PRODUCT IDENTIFIES INFORMATION USED FOR THE PURPOSE OF DEVELOPING HIGHWAY SAFETY CONSTRUCTION IMPROVEMENT PROJECTS WHICH MAY BE IMPLEMENTED UTILIZING FEDERAL-AID HIGHWAY FUNDS. ANY DOCUMENT DISPLAYING THIS NOTICE SHALL BE USED ONLY FOR THOSE PURPOSES DEEMED APPROPRIATE BY THE FLORIDA DEPARTMENT OF TRANSPORTATION. SEE TITLE 23, UNITED STATES CODE, SECTION 407.

```
I/O NAME: ..... CARI122
PROGRAM ID: ..... CARPJ122
REPORT NUMBER: ..... 01
RUN CLASS: ..... A
MESSAGE CLASS: ..... Q
PRINTER DEST: ..... LOCAL
# COPIES: ..... 01
ACCOUNT #: ..... 5565945
SUBMIT W/HOLD? ..... N
USERID: ..... KNCHPCK
DETAIL SORT ORDER: ..... 1 - SORT BY ROADWAY, MILE POINT
PRINT SEGMENTS? ..... Y
PRINT INTERSECTIONS? ..... N
SUMMARY FORMAT: ..... 2 - TOP LINE ALL BREAKS
OVERRIDE VALUES:
MAX # OF BREAKS: ..... 06
CRASH RATE CATEGORY: ...
AVERAGE DAILY TRAFFIC:..
# OF LEGS: .....
```

REPORT...CARPJ122-01
DATE...07/27/2022
TIME...12:04:41

FLORIDA - DEPARTMENT OF TRANSPORTATION
C A R - CRASH ANALYSIS REPORTING SYSTEM
CRASH DATA (IN 2011 AND LATER) DETAIL FOR STATE-MAINTAINED ROADS

PAGE NO: 1
USERID: KNCHPCK
I/O.... CARO213

COMMENT:

1 - SORT BY ROADWAY, MILE POINT

FROM: 01/01/2015 TO 12/31/2019 RAMP INCL
FROM CO/SEC/SUB: 87 260 524 MP: 000.153 INFL INCL
TO CO/SEC/SUB: 87 260 524 MP: 000.746 CR/OS INCL

C	ROADWYID	M	N	S	ADT	Y	M	D	H	CRCC	A	H	MO	L	W	R	R	DL	R	A	V	V	VF	VM	VA	V	V	V	VN	VN	N	V	#	#	#					
R	N	C	S	S	I	EN	TR	VAR	E	O	A	O	RALA	L	AE	AF	IC	EC	D	OC	OO	O	C	1	1	1U	1A	1C	1A	2	2N	2N	2M	2M	M	2N				
A	U	O	E	E	L	AO	AO	EIA	A	N	Y	U	ATAT	C	RV	N	GO	AO	AO	TC	A	C		N	N	T	G		M	M					M	V	K	I		
S	M	U	C	SC	E	RD	TA	RLF	R	T		R	SESE		ME	NC	HN	TN	S	DN	A	D		D	B	SC	E	DI	DE	D	B	F	MP	AA	A	D	E	I	N	
H	B	N	T	UT	P	EE	ED	AYF		H		H	SG	I	FN	EO	TD	HD	U	D	ST		L	I	OT	P	U	RO	R	I	OD	UL	NR	CC	C	RA	H	L	J	
E		T	I	BI	O	S		G	I				O	N	UT	RL	IT	ET	R	T	II	S	N	R	DY	E	V	IN	I	R	DE	NO	VI	TT	T	AG	C	L	U	
R		Y	O	O	S	T		E	C				R	V	L	L	NN	RN	F	N	TO	D		YP	C	E	V	V	/S	CC	RO	1N	N	GE	L	E	R			
		N	N	T						Y		1	GS	S		S	EN	#	E				R	R	1	R	C	/	/R	/1	2	E	S	D	D					

850882770	87260524	00.189	7961	826	000000	15	07	02	19	U-OLA	0	14	01	03	01	01	01	01	01	R	1	N	01	01	01	01	02	29	N	01	01	14	01			26	2	0	00	
860009620	87260524	00.744	7963	826	000000	15	11	15	05	U-OLA	0	34	02	04	03	02	01	01	M	M	N	01	01	01	01	02	22											1	0	01

REPORT...CARPJ122-01
 DATE...07/27/2022
 TIME...12:04:41

FLORIDA - DEPARTMENT OF TRANSPORTATION
 C A R - CRASH ANALYSIS REPORTING SYSTEM
 CRASH DATA (IN 2011 AND LATER) DETAIL FOR STATE-MAINTAINED ROADS

PAGE NO: 2
 USERID: KNCHPCK
 I/O.... CARI122

COMMENT: 1 - SORT BY ROADWAY, MILE POINT
 FROM: 01/01/2015 TO 12/31/2019
 FROM CO/SEC/SUB: 87 260 524
 TO CO/SEC/SUB: 87 260 524
 MP: 000.153
 MP: 000.746
 RAMPS INCL
 INFL INCL
 CR/OS INCL

FOR YEAR	FATAL CRASH STATISTICS			INJURY CRASH STATS		PROPERTY DAMAGE ONLY	TOTALS			INFLUENCE CRASHES OCCURRING ON INTERSECTING RDWYS	
	CRASHES	FATALITIES	INJURIES	CRASHES	INJURIES	CRASHES	CRASHES	FATALITIES	INJURIES	AT INT.	INFL AREA
2015	0	0	0	1	1	1	2	0	1	0	0
TOTAL	0	0	0	1	1	1	2	0	1	0	0

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REPORT...CARPJ122-01
 DATE...07/27/2022
 TIME...12:04:41

FLORIDA - DEPARTMENT OF TRANSPORTATION
 C A R - CRASH ANALYSIS REPORTING SYSTEM
 CRASH DATA (IN 2011 AND LATER) DETAIL FOR STATE-MAINTAINED ROADS
 *** REPORT TOTALS ***

PAGE NO: 3
 USERID: KNCHPCK
 I/O.... CARI122

CUMULATIVE TOTALS FOR ALL LOCATIONS SUBMITTED - OVERLAPPING OR INTERSECTING LOCATIONS MAY RESULT IN CRASHES COUNTED MORE THAN ONCE

FOR YEAR	FATAL CRASH STATISTICS			INJURY CRASH STATS		PROPERTY DAMAGE ONLY	TOTALS			INFLUENCE CRASHES OCCURRING ON INTERSECTING RDWYS	
	CRASHES	FATALITIES	INJURIES	CRASHES	INJURIES	CRASHES	CRASHES	FATALITIES	INJURIES	AT INT.	INFL AREA
2015	0	0	0	1	1	1	2	0	1	0	0
TOTAL	0	0	0	1	1	1	2	0	1	0	0

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APPENDIX B

(Traffic Volume Data)

County: 87
 Station: 9001
 Description: NW 77 CT - AT SCHOOL ZONE
 Start Date: 09/20/2022
 Start Time: 0000

Time	Direction: N					Direction: S					Combined Total
	1st	2nd	3rd	4th	Total	1st	2nd	3rd	4th	Total	
0000	23	24	21	18	86	5	10	4	13	32	118
0100	11	8	7	10	36	2	4	3	4	13	49
0200	8	4	3	9	24	2	3	4	4	13	37
0300	5	7	4	5	21	2	11	8	8	29	50
0400	3	0	6	3	12	8	15	18	14	55	67
0500	1	5	11	17	34	16	32	41	35	124	158
0600	14	21	42	50	127	71	115	183	188	557	684
0700	53	65	67	104	289	162	167	168	151	648	937
0800	112	133	75	62	382	156	114	99	132	501	883
0900	54	51	61	54	220	111	84	82	66	343	563
1000	68	57	66	61	252	81	74	64	79	298	550
1100	57	78	75	72	282	59	55	57	46	217	499
1200	68	75	80	78	301	75	51	64	65	255	556
1300	81	84	70	89	324	83	51	73	59	266	590
1400	90	100	100	106	396	50	69	69	53	241	637
1500	162	193	132	130	617	24	60	51	71	206	823
1600	145	144	138	141	568	66	76	71	85	298	866
1700	142	148	159	168	617	80	71	81	92	324	941
1800	172	164	156	136	628	86	79	67	76	308	936
1900	162	147	136	118	563	66	72	59	63	260	823
2000	111	119	85	86	401	60	61	56	43	220	621
2100	95	95	68	78	336	30	37	36	26	129	465
2200	58	44	60	41	203	30	20	25	11	86	289
2300	42	31	30	18	121	20	13	9	14	56	177
24-Hour Totals:	6840					5479					12319

	Peak Volume Information					
	Direction: N		Direction: S		Combined Directions	
	Hour	Volume	Hour	Volume	Hour	Volume
A.M.	745	424	645	685	730	1005
P.M.	1730	663	1730	338	1730	1001
Daily	1730	663	630	700	730	1005

County: 87
 Station: 9001
 Description: NW 77 CT - AT SCHOOL ZONE
 Start Date: 09/21/2022
 Start Time: 0000

Time	Direction: N					Direction: S					Combined Total		
	1st	2nd	3rd	4th	Total	1st	2nd	3rd	4th	Total			
0000	27	21	12	8	68	16	9	8	7	40	108		
0100	7	7	7	7	28	3	0	4	1	8	36		
0200	5	6	7	5	23	3	7	0	2	12	35		
0300	2	3	3	1	9	3	4	8	11	26	35		
0400	5	0	3	5	13	5	15	16	23	59	72		
0500	4	7	10	13	34	19	29	42	43	133	167		
0600	13	19	39	47	118	88	109	187	202	586	704		
0700	45	53	50	109	257	173	161	179	152	665	922		
0800	131	121	77	48	377	152	129	101	121	503	880		
0900	49	61	41	49	200	106	85	69	95	355	555		
1000	58	60	64	60	242	83	77	80	82	322	564		
1100	82	70	66	80	298	75	55	67	65	262	560		
1200	81	101	73	82	337	65	61	58	81	265	602		
1300	86	105	101	99	391	75	74	78	20	247	638		
1400	180	144	91	140	555	48	57	49	67	221	776		
1500	143	130	130	139	542	39	60	64	55	218	760		
1600	145	145	150	174	614	76	65	72	85	298	912		
1700	145	162	171	142	620	82	60	98	108	348	968		
1800	172	171	144	168	655	70	70	76	80	296	951		
1900	144	126	143	144	557	88	73	66	60	287	844		
2000	133	127	80	96	436	72	70	56	45	243	679		
2100	95	80	64	70	309	51	60	48	34	193	502		
2200	75	72	60	44	251	22	22	24	24	92	343		
2300	40	28	17	29	114	13	17	9	11	50	164		
24-Hour Totals:						7048						5729	12777

	Peak Volume Information					
	Direction: N		Direction: S		Combined Directions	
	Hour	Volume	Hour	Volume	Hour	Volume
A.M.	745	438	645	715	730	1023
P.M.	1730	656	1700	348	1730	1002
Daily	1730	656	630	723	730	1023

APPENDIX C

(Vehicle Speed Data)

Northbound 15 Minute Summary

GOAL ASSOCIATES

14750 NW 77th Court, Suite 320
Miami Lakes, FL 33016

Site Code: 879001111100
Station ID: 0000R419E55N
NW 77 CT - NORTHBOUND

Direction 1

Start Time	0	11	16	21	26	31	36	41	46	51	56	61	66	71	76	Total
	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
09/20/2																
2	0	0	1	0	1	4	6	9	1	1	0	0	0	0	0	23
00:15	0	0	0	0	0	4	6	9	3	2	0	0	0	0	0	24
00:30	0	0	0	0	0	1	7	7	5	0	1	0	0	0	0	21
00:45	0	0	0	0	2	4	2	5	5	0	0	0	0	0	0	18
	0	0	1	0	3	13	21	30	14	3	1	0	0	0	0	86
01:00	0	0	0	0	0	1	4	4	2	0	0	0	0	0	0	11
01:15	0	0	0	0	0	1	0	5	1	1	0	0	0	0	0	8
01:30	0	0	0	0	0	3	1	2	1	0	0	0	0	0	0	7
01:45	0	0	0	0	2	3	1	2	1	1	0	0	0	0	0	10
	0	0	0	0	2	8	6	13	5	2	0	0	0	0	0	36
02:00	0	0	0	0	0	2	4	0	0	1	0	1	0	0	0	8
02:15	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	4
02:30	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	3
02:45	0	0	0	0	0	1	2	4	2	0	0	0	0	0	0	9
	0	0	0	0	0	3	9	8	2	1	0	1	0	0	0	24
03:00	0	0	0	0	0	3	0	2	0	0	0	0	0	0	0	5
03:15	0	0	0	0	1	3	1	0	2	0	0	0	0	0	0	7
03:30	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	4
03:45	0	0	0	0	1	3	1	0	0	0	0	0	0	0	0	5
	0	0	0	0	2	10	4	3	2	0	0	0	0	0	0	21
04:00	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	3
04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30	0	0	0	0	0	0	1	4	1	0	0	0	0	0	0	6
04:45	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	3
	0	0	0	0	0	0	3	6	1	1	0	1	0	0	0	12
05:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
05:15	0	0	0	0	0	0	2	2	0	1	0	0	0	0	0	5
05:30	0	0	0	0	0	3	5	2	1	0	0	0	0	0	0	11
05:45	0	0	0	0	1	2	7	5	2	0	0	0	0	0	0	17
	0	0	0	0	1	5	14	10	3	1	0	0	0	0	0	34
06:00	0	0	0	0	0	1	4	7	1	1	0	0	0	0	0	14
06:15	0	0	0	1	1	10	3	4	2	0	0	0	0	0	0	21
06:30	0	0	0	0	3	12	21	3	3	0	0	0	0	0	0	42
06:45	0	0	0	0	4	15	20	8	3	0	0	0	0	0	0	50
	0	0	0	1	8	38	48	22	9	1	0	0	0	0	0	127
07:00	0	0	0	4	3	20	15	9	2	0	0	0	0	0	0	53
07:15	0	0	0	2	13	32	12	4	1	1	0	0	0	0	0	65
07:30	0	1	4	13	35	13	1	0	0	0	0	0	0	0	0	67
07:45	0	0	5	54	35	9	1	0	0	0	0	0	0	0	0	104
	0	1	9	73	86	74	29	13	3	1	0	0	0	0	0	289
08:00	0	0	9	39	48	15	1	0	0	0	0	0	0	0	0	112
08:15	1	6	14	47	50	14	1	0	0	0	0	0	0	0	0	133
08:30	0	0	12	24	30	8	1	0	0	0	0	0	0	0	0	75
08:45	0	0	0	2	14	28	13	5	0	0	0	0	0	0	0	62
	1	6	35	112	142	65	16	5	0	0	0	0	0	0	0	382
09:00	0	0	1	1	8	16	15	10	2	1	0	0	0	0	0	54
09:15	0	0	0	0	3	10	18	12	8	0	0	0	0	0	0	51
09:30	0	0	0	0	0	8	27	19	6	0	1	0	0	0	0	61
09:45	0	0	0	0	1	18	18	12	4	0	1	0	0	0	0	54
	0	0	1	1	12	52	78	53	20	1	2	0	0	0	0	220
10:00	0	0	0	0	3	19	19	10	14	3	0	0	0	0	0	68
10:15	0	0	0	0	4	15	19	13	5	1	0	0	0	0	0	57
10:30	0	0	0	0	1	12	35	13	4	0	0	1	0	0	0	66
10:45	0	0	0	0	1	12	28	12	8	0	0	0	0	0	0	61
	0	0	0	0	9	58	101	48	31	4	0	1	0	0	0	252
11:00	0	0	0	0	0	15	21	13	6	2	0	0	0	0	0	57
11:15	0	1	0	0	2	28	23	19	4	1	0	0	0	0	0	78
11:30	0	0	0	0	0	34	24	13	2	1	1	0	0	0	0	75
11:45	0	0	0	5	3	8	33	12	9	2	0	0	0	0	0	72
	0	1	0	5	5	85	101	57	21	6	1	0	0	0	0	282
Total	1	8	46	192	270	411	430	268	111	21	4	3	0	0	0	1765

GOAL ASSOCIATES

14750 NW 77th Court, Suite 320
Miami Lakes, FL 33016

Site Code: 879001111100
Station ID: 0000R419E55N
NW 77 CT - NORTHBOUND

Direction 1

Start Time	0	11	16	21	26	31	36	41	46	51	56	61	66	71	76	Total
	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
12 PM	0	0	0	0	0	22	28	15	2	1	0	0	0	0	0	68
12:15	0	0	0	3	2	9	35	22	3	1	0	0	0	0	0	75
12:30	0	0	0	0	0	22	25	22	6	3	1	1	0	0	0	80
12:45	0	0	0	0	0	10	25	27	15	1	0	0	0	0	0	78
	0	0	0	3	2	63	113	86	26	6	1	1	0	0	0	301
13:00	0	0	0	0	5	16	33	19	4	1	3	0	0	0	0	81
13:15	0	0	0	1	11	22	33	10	5	2	0	0	0	0	0	84
13:30	0	0	1	1	5	27	19	12	4	0	1	0	0	0	0	70
13:45	0	6	23	24	24	10	2	0	0	0	0	0	0	0	0	89
	0	6	24	26	45	75	87	41	13	3	4	0	0	0	0	324
14:00	0	1	13	28	31	16	1	0	0	0	0	0	0	0	0	90
14:15	0	2	18	32	37	11	0	0	0	0	0	0	0	0	0	100
14:30	0	1	18	43	30	7	1	0	0	0	0	0	0	0	0	100
14:45	0	1	19	46	33	7	0	0	0	0	0	0	0	0	0	106
	0	5	68	149	131	41	2	0	0	0	0	0	0	0	0	396
15:00	2	21	39	63	35	2	0	0	0	0	0	0	0	0	0	162
15:15	0	1	6	88	80	18	0	0	0	0	0	0	0	0	0	193
15:30	0	0	0	15	21	25	42	23	5	1	0	0	0	0	0	132
15:45	0	0	0	0	11	54	31	26	7	0	0	1	0	0	0	130
	2	22	45	166	147	99	73	49	12	1	0	1	0	0	0	617
16:00	0	0	0	0	4	56	53	20	8	4	0	0	0	0	0	145
16:15	0	0	0	0	9	38	64	27	6	0	0	0	0	0	0	144
16:30	0	1	0	0	11	33	63	26	3	1	0	0	0	0	0	138
16:45	0	0	0	3	14	34	63	16	9	2	0	0	0	0	0	141
	0	1	0	3	38	161	243	89	26	7	0	0	0	0	0	568
17:00	0	0	0	1	5	40	44	41	11	0	0	0	0	0	0	142
17:15	0	0	0	0	12	25	63	38	8	1	0	1	0	0	0	148
17:30	0	0	0	0	5	49	64	34	5	2	0	0	0	0	0	159
17:45	0	0	0	0	7	58	64	34	4	1	0	0	0	0	0	168
	0	0	0	1	29	172	235	147	28	4	0	1	0	0	0	617
18:00	0	0	0	3	14	52	59	38	6	0	0	0	0	0	0	172
18:15	0	0	0	0	9	67	56	25	5	2	0	0	0	0	0	164
18:30	0	0	0	0	1	39	72	33	10	0	1	0	0	0	0	156
18:45	0	0	0	7	8	35	63	16	4	1	1	1	0	0	0	136
	0	0	0	10	32	193	250	112	25	3	2	1	0	0	0	628
19:00	0	0	0	0	3	49	75	25	8	1	1	0	0	0	0	162
19:15	0	0	0	0	2	67	53	21	4	0	0	0	0	0	0	147
19:30	0	0	0	0	5	56	44	20	8	3	0	0	0	0	0	136
19:45	0	0	0	0	12	25	57	17	4	2	1	0	0	0	0	118
	0	0	0	0	22	197	229	83	24	6	2	0	0	0	0	563
20:00	0	0	0	0	8	22	57	22	2	0	0	0	0	0	0	111
20:15	0	0	0	0	7	43	46	16	6	1	0	0	0	0	0	119
20:30	0	0	0	0	2	21	38	20	4	0	0	0	0	0	0	85
20:45	0	0	0	0	0	15	50	12	7	2	0	0	0	0	0	86
	0	0	0	0	17	101	191	70	19	3	0	0	0	0	0	401
21:00	0	0	0	0	5	37	38	9	5	0	1	0	0	0	0	95
21:15	0	0	0	0	0	28	37	24	4	1	1	0	0	0	0	95
21:30	0	0	0	0	2	20	22	15	7	1	0	1	0	0	0	68
21:45	0	0	0	0	1	21	35	14	5	1	1	0	0	0	0	78
	0	0	0	0	8	106	132	62	21	3	3	1	0	0	0	336
22:00	0	0	0	1	1	15	20	15	5	1	0	0	0	0	0	58
22:15	0	0	0	0	0	7	15	16	4	0	1	0	0	1	0	44
22:30	0	0	0	0	1	12	25	17	3	2	0	0	0	0	0	60
22:45	0	0	0	0	0	4	15	16	4	1	0	0	0	1	0	41
	0	0	0	1	2	38	75	64	16	4	1	0	0	2	0	203
23:00	0	0	0	0	0	9	16	11	5	1	0	0	0	0	0	42
23:15	0	0	0	0	0	4	14	11	2	0	0	0	0	0	0	31
23:30	0	0	0	0	3	4	8	8	4	1	1	0	1	0	0	30
23:45	0	0	0	0	0	1	7	3	4	2	1	0	0	0	0	18
	0	0	0	0	3	18	45	33	15	4	2	0	1	0	0	121
Total	2	34	137	359	476	1264	1675	836	225	44	15	5	1	2	0	5075

GOAL ASSOCIATES

14750 NW 77th Court, Suite 320
Miami Lakes, FL 33016

Site Code: 879001111100
Station ID: 0000R419E55N
NW 77 CT - NORTHBOUND

Direction 1

Start Time	0	11	16	21	26	31	36	41	46	51	56	61	66	71	76	Total
	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
09/21/2																
2	0	0	0	1	0	5	10	8	1	2	0	0	0	0	0	27
00:15	0	0	0	0	1	2	2	10	5	1	0	0	0	0	0	21
00:30	0	0	0	0	1	4	5	1	0	1	0	0	0	0	0	12
00:45	0	1	0	0	0	0	2	0	4	0	0	1	0	0	0	8
01:00	0	1	0	1	2	11	19	19	10	4	0	1	0	0	0	68
01:15	0	0	0	0	0	0	5	0	2	0	0	0	0	0	0	7
01:30	0	0	0	0	0	2	3	2	0	0	0	0	0	0	0	7
01:45	0	0	0	0	0	0	3	1	2	0	0	0	0	1	0	7
02:00	0	0	0	0	0	2	12	6	6	0	1	0	0	1	0	28
02:15	0	0	0	0	0	0	2	1	1	1	0	0	0	0	0	5
02:30	0	0	0	0	1	0	2	3	1	0	0	0	0	0	0	6
02:45	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	7
03:00	0	0	0	0	1	2	8	7	3	2	0	0	0	0	0	23
03:15	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
03:30	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	3
03:45	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	2	2	1	2	0	1	1	0	0	0	9
04:15	0	0	0	0	0	0	1	2	1	1	0	0	0	0	0	5
04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	3
05:00	0	0	0	0	0	0	3	1	1	0	0	0	0	0	0	5
05:15	0	1	0	0	0	1	0	4	3	1	0	0	0	0	0	13
05:30	0	0	0	0	1	0	2	3	1	0	0	0	0	0	0	4
05:45	0	0	0	0	2	4	3	0	0	1	0	0	0	0	0	7
06:00	0	0	0	0	0	3	5	2	2	1	0	0	0	0	0	10
06:15	0	1	0	0	3	8	10	5	4	3	0	0	0	0	0	34
06:30	0	0	0	0	0	6	3	1	1	1	0	0	1	0	0	13
06:45	0	0	0	0	10	5	3	1	0	0	0	0	0	0	0	19
07:00	0	0	0	4	9	7	15	2	1	1	0	0	0	0	0	39
07:15	0	0	0	2	0	19	20	3	1	2	0	0	0	0	0	47
07:30	0	0	0	6	9	42	43	9	4	4	0	0	1	0	0	118
07:45	0	0	0	4	12	19	19	10	0	0	0	0	0	0	0	45
08:00	0	0	0	1	7	9	23	11	1	0	1	0	0	0	0	53
08:15	0	1	3	19	18	9	0	0	0	0	0	0	0	0	0	50
08:30	0	1	8	49	41	10	0	0	0	0	0	0	0	0	0	109
08:45	0	2	11	69	70	40	42	21	1	0	1	0	0	0	0	257
09:00	0	0	12	50	59	9	1	0	0	0	0	0	0	0	0	131
09:15	0	4	4	49	56	8	0	0	0	0	0	0	0	0	0	121
09:30	2	0	9	30	21	12	3	0	0	0	0	0	0	0	0	77
09:45	0	0	0	5	12	16	11	3	0	1	0	0	0	0	0	48
10:00	2	4	25	134	148	45	15	3	0	1	0	0	0	0	0	377
10:15	0	0	0	0	3	15	15	14	0	2	0	0	0	0	0	49
10:30	0	0	0	0	0	14	24	14	9	0	0	0	0	0	0	61
10:45	0	0	0	0	0	2	19	14	5	1	0	0	0	0	0	41
11:00	0	0	0	0	2	8	23	13	1	1	1	0	0	0	0	49
11:15	0	0	0	0	5	39	81	55	15	4	1	0	0	0	0	200
11:30	0	0	0	0	11	5	21	18	2	1	0	0	0	0	0	58
11:45	0	0	0	0	2	13	25	17	3	0	0	0	0	0	0	60
12:00	0	0	0	0	2	22	18	16	4	2	0	0	0	0	0	64
12:15	0	0	0	0	2	6	26	18	3	3	2	0	0	0	0	60
12:30	0	0	0	0	17	46	90	69	12	6	2	0	0	0	0	242
12:45	0	0	0	4	12	26	23	13	3	0	1	0	0	0	0	82
13:00	0	0	0	0	7	23	19	10	9	2	0	0	0	0	0	70
13:15	0	0	0	0	1	10	25	20	9	1	0	0	0	0	0	66
13:30	0	0	0	0	6	17	24	25	7	1	0	0	0	0	0	80
13:45	0	0	0	4	26	76	91	68	28	4	1	0	0	0	0	298
Total	2	8	36	214	281	313	418	267	88	29	7	2	1	1	0	1667

95th Percentile :	46 MPH
Mean Speed(Average) :	36 MPH
10 MPH Pace Speed :	31-40 MPH
Number in Pace :	7766
Percent in Pace :	55.9%
Number of Vehicles > 35 MPH :	7722
Percent of Vehicles > 35 MPH :	55.6%

Southbound 15 Minute Summary

GOAL ASSOCIATES

14750 NW 77th Court, Suite 320
Miami Lakes, FL 33016

Site Code: 879001511100
Station ID: 0000r418jx1
NW 77 CT SOUTHBOUND

SOUTHBOUND

Start Time	0 10	11 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	Total
09/20/2																
2	0	0	0	0	0	1	1	1	0	1	0	1	0	0	0	5
00:15	0	0	0	0	0	0	1	4	4	0	1	0	0	0	0	10
00:30	0	0	0	0	0	0	1	0	3	0	0	0	0	0	0	4
00:45	0	0	0	0	0	1	0	5	1	3	2	1	0	0	0	13
	0	0	0	0	0	2	3	10	8	4	3	2	0	0	0	32
01:00	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
01:15	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	4
01:30	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	3
01:45	0	0	0	0	0	0	1	1	0	0	1	0	1	0	0	4
	0	0	0	0	0	0	2	4	4	0	2	0	1	0	0	13
02:00	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
02:15	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	3
02:30	0	0	0	0	0	0	0	2	1	0	1	0	0	0	0	4
02:45	0	0	0	0	0	1	1	0	1	0	0	1	0	0	0	4
	0	0	0	0	0	1	1	6	3	0	1	1	0	0	0	13
03:00	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
03:15	0	0	0	0	0	1	4	4	1	1	0	0	0	0	0	11
03:30	0	0	0	0	0	0	2	1	3	1	1	0	0	0	0	8
03:45	0	0	0	0	0	0	2	2	2	1	1	0	0	0	0	8
	0	0	0	0	0	1	8	7	7	4	2	0	0	0	0	29
04:00	0	0	0	0	0	0	1	2	2	2	0	1	0	0	0	8
04:15	0	0	0	0	0	0	2	5	6	2	0	0	0	0	0	15
04:30	0	0	0	0	0	0	1	6	5	5	1	0	0	0	0	18
04:45	0	0	0	0	0	0	3	3	3	4	1	0	0	0	0	14
	0	0	0	0	0	0	7	16	16	13	2	1	0	0	0	55
05:00	0	0	0	0	2	0	3	3	4	2	2	0	0	0	0	16
05:15	0	0	0	0	0	1	6	10	7	6	1	1	0	0	0	32
05:30	0	0	0	0	0	4	5	11	9	9	3	0	0	0	0	41
05:45	0	0	0	0	0	2	7	11	9	3	2	1	0	0	0	35
	0	0	0	0	2	7	21	35	29	20	8	2	0	0	0	124
06:00	0	0	0	0	1	6	17	34	10	3	0	0	0	0	0	71
06:15	0	0	0	0	10	22	28	32	15	5	1	0	2	0	0	115
06:30	0	0	0	2	22	70	58	26	4	1	0	0	0	0	0	183
06:45	0	0	0	0	10	78	60	25	13	2	0	0	0	0	0	188
	0	0	0	2	43	176	163	117	42	11	1	0	2	0	0	557
07:00	0	0	4	6	17	34	51	34	11	3	2	0	0	0	0	162
07:15	2	18	7	6	43	42	32	16	0	0	1	0	0	0	0	167
07:30	20	41	44	23	19	13	6	1	1	0	0	0	0	0	0	168
07:45	24	76	35	12	4	0	0	0	0	0	0	0	0	0	0	151
	46	135	90	47	83	89	89	51	12	3	3	0	0	0	0	648
08:00	32	77	30	12	5	0	0	0	0	0	0	0	0	0	0	156
08:15	19	59	30	3	3	0	0	0	0	0	0	0	0	0	0	114
08:30	29	33	22	3	4	4	2	2	0	0	0	0	0	0	0	99
08:45	0	0	0	8	6	34	42	30	8	4	0	0	0	0	0	132
	80	169	82	26	18	38	44	32	8	4	0	0	0	0	0	501
09:00	0	0	1	9	9	7	32	29	13	8	2	1	0	0	0	111
09:15	0	1	0	0	0	9	16	29	21	6	2	0	0	0	0	84
09:30	0	0	0	0	0	6	24	26	19	5	2	0	0	0	0	82
09:45	0	0	0	0	0	2	22	31	6	3	2	0	0	0	0	66
	0	1	1	9	9	24	94	115	59	22	8	1	0	0	0	343
10:00	0	0	0	0	3	10	24	23	12	5	2	2	0	0	0	81
10:15	0	0	0	0	0	0	27	28	15	3	0	1	0	0	0	74
10:30	0	0	0	0	3	1	25	24	8	2	1	0	0	0	0	64
10:45	0	0	0	1	2	8	34	20	8	5	1	0	0	0	0	79
	0	0	0	1	8	19	110	95	43	15	4	3	0	0	0	298
11:00	0	0	0	0	2	4	23	19	7	3	1	0	0	0	0	59
11:15	1	0	0	0	0	6	19	18	9	1	1	0	0	0	0	55
11:30	0	0	0	0	0	5	19	19	10	3	1	0	0	0	0	57
11:45	0	0	0	0	0	3	16	16	8	2	1	0	0	0	0	46
	1	0	0	0	2	18	77	72	34	9	4	0	0	0	0	217
Total	127	305	173	85	165	375	619	560	265	105	38	10	3	0	0	2830

GOAL ASSOCIATES

14750 NW 77th Court, Suite 320
Miami Lakes, FL 33016

Site Code: 879001511100
Station ID: 0000r418jx1
NW 77 CT SOUTHBOUND

SOUTHBOUND

Start Time	0	11	16	21	26	31	36	41	46	51	56	61	66	71	76	Total
	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
12 PM	0	0	0	0	0	9	22	24	14	5	1	0	0	0	0	75
12:15	0	0	0	0	0	9	14	15	8	5	0	0	0	0	0	51
12:30	0	0	0	0	0	6	26	20	10	1	0	1	0	0	0	64
12:45	0	0	0	0	3	13	15	21	11	0	2	0	0	0	0	65
	0	0	0	0	3	37	77	80	43	11	3	1	0	0	0	255
13:00	0	0	0	0	5	16	27	23	9	3	0	0	0	0	0	83
13:15	0	0	0	0	1	3	21	19	2	2	3	0	0	0	0	51
13:30	1	2	3	3	7	19	16	13	4	4	0	1	0	0	0	73
13:45	0	4	17	18	13	5	2	0	0	0	0	0	0	0	0	59
	1	6	20	21	26	43	66	55	15	9	3	1	0	0	0	266
14:00	0	0	14	17	12	5	2	0	0	0	0	0	0	0	0	50
14:15	0	11	20	20	14	4	0	0	0	0	0	0	0	0	0	69
14:30	2	12	25	13	15	1	1	0	0	0	0	0	0	0	0	69
14:45	0	11	14	19	7	1	1	0	0	0	0	0	0	0	0	53
	2	34	73	69	48	11	4	0	0	0	0	0	0	0	0	241
15:00	23	1	0	0	0	0	0	0	0	0	0	0	0	0	0	24
15:15	16	15	6	11	5	4	1	2	0	0	0	0	0	0	0	60
15:30	0	0	0	0	0	3	13	16	14	4	1	0	0	0	0	51
15:45	0	0	0	0	0	12	17	34	4	3	1	0	0	0	0	71
	39	16	6	11	5	19	31	52	18	7	2	0	0	0	0	206
16:00	0	0	0	0	0	6	20	20	15	4	1	0	0	0	0	66
16:15	0	0	0	1	0	14	23	27	7	4	0	0	0	0	0	76
16:30	0	0	0	0	3	14	22	19	12	0	1	0	0	0	0	71
16:45	0	0	0	3	2	9	25	29	15	2	0	0	0	0	0	85
	0	0	0	4	5	43	90	95	49	10	2	0	0	0	0	298
17:00	0	0	0	0	9	5	17	36	9	3	0	1	0	0	0	80
17:15	0	0	0	0	1	8	22	26	12	2	0	0	0	0	0	71
17:30	0	0	1	0	1	8	28	29	7	7	0	0	0	0	0	81
17:45	0	0	0	0	3	23	27	28	9	2	0	0	0	0	0	92
	0	0	1	0	14	44	94	119	37	14	0	1	0	0	0	324
18:00	0	0	0	0	3	19	29	23	9	3	0	0	0	0	0	86
18:15	0	0	0	0	4	6	24	23	13	8	1	0	0	0	0	79
18:30	0	0	0	0	1	6	23	23	8	6	0	0	0	0	0	67
18:45	0	0	0	0	0	9	22	28	11	5	1	0	0	0	0	76
	0	0	0	0	8	40	98	97	41	22	2	0	0	0	0	308
19:00	0	0	0	0	4	8	31	14	8	1	0	0	0	0	0	66
19:15	0	0	0	0	1	22	22	18	9	0	0	0	0	0	0	72
19:30	0	0	0	0	1	14	17	19	7	0	1	0	0	0	0	59
19:45	0	0	0	0	1	18	19	18	6	0	1	0	0	0	0	63
	0	0	0	0	7	62	89	69	30	1	2	0	0	0	0	260
20:00	0	0	0	0	2	5	30	10	9	2	2	0	0	0	0	60
20:15	0	0	0	0	3	17	24	12	2	3	0	0	0	0	0	61
20:30	0	0	0	1	2	6	28	12	3	3	1	0	0	0	0	56
20:45	0	0	1	0	5	8	12	9	6	1	1	0	0	0	0	43
	0	0	1	1	12	36	94	43	20	9	4	0	0	0	0	220
21:00	0	0	0	0	1	4	14	6	0	2	2	0	1	0	0	30
21:15	0	0	0	0	0	10	11	11	3	2	0	0	0	0	0	37
21:30	0	0	0	0	0	2	13	15	5	1	0	0	0	0	0	36
21:45	0	0	0	0	0	2	11	10	2	0	0	1	0	0	0	26
	0	0	0	0	1	18	49	42	10	5	2	1	1	0	0	129
22:00	0	0	0	0	0	7	11	6	3	3	0	0	0	0	0	30
22:15	0	0	0	0	0	2	8	5	4	0	1	0	0	0	0	20
22:30	0	0	0	0	0	5	8	5	4	3	0	0	0	0	0	25
22:45	0	0	0	0	0	2	2	2	4	0	1	0	0	0	0	11
	0	0	0	0	0	16	29	18	15	6	2	0	0	0	0	86
23:00	0	0	0	0	0	2	6	6	5	0	0	0	1	0	0	20
23:15	0	0	0	0	0	2	4	4	0	2	0	0	1	0	0	13
23:30	0	0	0	0	1	1	2	2	1	1	1	0	0	0	0	9
23:45	0	0	1	0	0	1	3	6	1	2	0	0	0	0	0	14
	0	0	1	0	1	6	15	18	7	5	1	0	2	0	0	56
Total	42	56	102	106	130	375	736	688	285	99	23	4	3	0	0	2649

GOAL ASSOCIATES

14750 NW 77th Court, Suite 320
 Miami Lakes, FL 33016

Site Code: 879001511100
 Station ID: 0000r418jx1
 NW 77 CT SOUTHBOUND

SOUTHBOUND

Start Time	0	11	16	21	26	31	36	41	46	51	56	61	66	71	76	Total
	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
09/21/2																
2	0	0	0	0	0	2	5	6	1	0	1	0	0	1	0	16
00:15	0	0	0	0	0	0	2	4	1	0	1	1	0	0	0	9
00:30	0	0	0	0	0	0	0	4	2	1	0	0	0	0	1	8
00:45	0	0	0	0	0	1	0	3	1	0	1	1	0	0	0	7
	0	0	0	0	0	3	7	17	5	1	3	2	0	1	1	40
01:00	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	3
01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:30	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	4
01:45	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	0	0	0	0	0	1	0	4	2	1	0	0	0	0	0	8
02:00	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	3
02:15	0	0	0	0	0	1	2	2	2	0	0	0	0	0	0	7
02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:45	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2
	0	0	0	0	0	1	3	3	3	1	1	0	0	0	0	12
03:00	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	3
03:15	0	0	0	0	0	0	1	0	2	1	0	0	0	0	0	4
03:30	0	0	0	0	0	1	1	2	3	1	0	0	0	0	0	8
03:45	0	0	0	0	1	0	0	2	2	5	0	1	0	0	0	11
	0	0	0	0	1	1	3	4	7	8	1	1	0	0	0	26
04:00	0	0	0	0	0	0	1	1	0	1	1	1	0	0	0	5
04:15	0	0	0	0	0	0	3	5	5	1	1	0	0	0	0	15
04:30	0	0	0	0	0	1	1	6	4	2	2	0	0	0	0	16
04:45	0	0	0	0	0	3	1	5	7	5	2	0	0	0	0	23
	0	0	0	0	0	4	6	17	16	9	6	1	0	0	0	59
05:00	0	0	0	0	0	1	7	7	1	1	0	2	0	0	0	19
05:15	0	0	0	0	1	1	7	8	9	2	1	0	0	0	0	29
05:30	0	0	0	0	0	0	6	20	9	5	1	1	0	0	0	42
05:45	0	0	0	0	0	1	9	19	8	5	0	1	0	0	0	43
	0	0	0	0	1	3	29	54	27	13	2	4	0	0	0	133
06:00	0	0	0	0	3	3	31	30	13	6	1	1	0	0	0	88
06:15	0	0	0	1	9	20	39	27	8	4	1	0	0	0	0	109
06:30	0	0	0	14	16	59	52	30	13	1	2	0	0	0	0	187
06:45	0	0	0	8	61	60	40	18	15	0	0	0	0	0	0	202
	0	0	0	23	89	142	162	105	49	11	4	1	0	0	0	586
07:00	0	0	8	5	19	58	45	34	3	1	0	0	0	0	0	173
07:15	0	1	6	19	37	42	29	18	9	0	0	0	0	0	0	161
07:30	14	86	43	18	12	4	2	0	0	0	0	0	0	0	0	179
07:45	20	56	36	32	8	0	0	0	0	0	0	0	0	0	0	152
	34	143	93	74	76	104	76	52	12	1	0	0	0	0	0	665
08:00	25	75	40	10	2	0	0	0	0	0	0	0	0	0	0	152
08:15	9	59	37	16	8	0	0	0	0	0	0	0	0	0	0	129
08:30	39	46	15	1	0	0	0	0	0	0	0	0	0	0	0	101
08:45	29	44	17	2	0	4	11	8	3	3	0	0	0	0	0	121
	102	224	109	29	10	4	11	8	3	3	0	0	0	0	0	503
09:00	0	0	0	3	5	19	33	24	14	7	1	0	0	0	0	106
09:15	0	0	0	2	18	8	20	17	12	5	0	3	0	0	0	85
09:30	0	1	0	0	3	9	21	15	17	3	0	0	0	0	0	69
09:45	0	0	0	0	4	7	36	24	17	4	3	0	0	0	0	95
	0	1	0	5	30	43	110	80	60	19	4	3	0	0	0	355
10:00	0	0	0	1	0	7	25	25	20	2	2	1	0	0	0	83
10:15	0	0	0	0	0	10	31	15	12	8	1	0	0	0	0	77
10:30	0	0	0	0	2	9	25	33	9	2	0	0	0	0	0	80
10:45	0	0	0	0	2	20	20	27	9	4	0	0	0	0	0	82
	0	0	0	1	4	46	101	100	50	16	3	1	0	0	0	322
11:00	0	0	0	0	0	14	24	18	10	7	2	0	0	0	0	75
11:15	0	0	0	0	0	3	18	20	7	6	0	0	0	1	0	55
11:30	0	0	0	0	8	5	20	23	8	3	0	0	0	0	0	67
11:45	0	0	0	0	1	5	20	27	8	3	1	0	0	0	0	65
	0	0	0	0	9	27	82	88	33	19	3	0	0	1	0	262
Total	136	368	202	132	220	379	590	532	267	102	27	13	0	2	1	2971

95th Percentile :	50 MPH
Mean Speed(Average) :	36 MPH
10 MPH Pace Speed :	36-45 MPH
Number in Pace :	5328
Percent in Pace :	47.5%
Number of Vehicles > 35 MPH :	7046
Percent of Vehicles > 35 MPH :	62.9%

Northbound Hourly Summary

GOAL ASSOCIATES

14750 NW 77th Court, Suite 320
 Miami Lakes, FL 33016

Site Code: 879001111100
 Station ID: 0000R419E55N
 NW 77 CT - NORTHBOUND

Direction 1

Start Time	0	11	16	21	26	31	36	41	46	51	56	61	66	71	76	Total
	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
09/20/2																
2	0	0	1	0	3	13	21	30	14	3	1	0	0	0	0	86
01:00	0	0	0	0	2	8	6	13	5	2	0	0	0	0	0	36
02:00	0	0	0	0	0	3	9	8	2	1	0	1	0	0	0	24
03:00	0	0	0	0	2	10	4	3	2	0	0	0	0	0	0	21
04:00	0	0	0	0	0	0	3	6	1	1	0	1	0	0	0	12
05:00	0	0	0	0	1	5	14	10	3	1	0	0	0	0	0	34
06:00	0	0	0	1	8	38	48	22	9	1	0	0	0	0	0	127
07:00	0	1	9	73	86	74	29	13	3	1	0	0	0	0	0	289
08:00	1	6	35	112	142	65	16	5	0	0	0	0	0	0	0	382
09:00	0	0	1	1	12	52	78	53	20	1	2	0	0	0	0	220
10:00	0	0	0	0	9	58	101	48	31	4	0	1	0	0	0	252
11:00	0	1	0	5	5	85	101	57	21	6	1	0	0	0	0	282
12 PM	0	0	0	3	2	63	113	86	26	6	1	1	0	0	0	301
13:00	0	6	24	26	45	75	87	41	13	3	4	0	0	0	0	324
14:00	0	5	68	149	131	41	2	0	0	0	0	0	0	0	0	396
15:00	2	22	45	166	147	99	73	49	12	1	0	1	0	0	0	617
16:00	0	1	0	3	38	161	243	89	26	7	0	0	0	0	0	568
17:00	0	0	0	1	29	172	235	147	28	4	0	1	0	0	0	617
18:00	0	0	0	10	32	193	250	112	25	3	2	1	0	0	0	628
19:00	0	0	0	0	22	197	229	83	24	6	2	0	0	0	0	563
20:00	0	0	0	0	17	101	191	70	19	3	0	0	0	0	0	401
21:00	0	0	0	0	8	106	132	62	21	3	3	1	0	0	0	336
22:00	0	0	0	1	2	38	75	64	16	4	1	0	0	2	0	203
23:00	0	0	0	0	3	18	45	33	15	4	2	0	1	0	0	121
Total	3	42	183	551	746	1675	2105	1104	336	65	19	8	1	2	0	6840

GOAL ASSOCIATES

14750 NW 77th Court, Suite 320
 Miami Lakes, FL 33016

Site Code: 879001111100
 Station ID: 0000R419E55N
 NW 77 CT - NORTHBOUND

Direction 1

Start Time	0	11	16	21	26	31	36	41	46	51	56	61	66	71	76	Total
	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
09/21/2																
2	0	1	0	1	2	11	19	19	10	4	0	1	0	0	0	68
01:00	0	0	0	0	0	2	12	6	6	0	1	0	0	1	0	28
02:00	0	0	0	0	1	2	8	7	3	2	0	0	0	0	0	23
03:00	0	0	0	0	0	2	2	1	2	0	1	1	0	0	0	9
04:00	0	0	0	0	0	0	5	4	3	1	0	0	0	0	0	13
05:00	0	1	0	0	3	8	10	5	4	3	0	0	0	0	0	34
06:00	0	0	0	6	9	42	43	9	4	4	0	0	1	0	0	118
07:00	0	2	11	69	70	40	42	21	1	0	1	0	0	0	0	257
08:00	2	4	25	134	148	45	15	3	0	1	0	0	0	0	0	377
09:00	0	0	0	0	5	39	81	55	15	4	1	0	0	0	0	200
10:00	0	0	0	0	17	46	90	69	12	6	2	0	0	0	0	242
11:00	0	0	0	4	26	76	91	68	28	4	1	0	0	0	0	298
12 PM	0	0	0	3	21	83	135	80	9	5	0	0	1	0	0	337
13:00	0	4	28	77	98	93	65	20	4	2	0	0	0	0	0	391
14:00	0	4	36	160	112	94	105	37	7	0	0	0	0	0	0	555
15:00	0	1	1	9	57	145	211	94	21	1	1	0	1	0	0	542
16:00	0	1	0	5	44	162	231	128	36	7	0	0	0	0	0	614
17:00	0	0	1	6	15	139	246	165	41	6	1	0	0	0	0	620
18:00	0	0	0	7	14	141	309	146	34	4	0	0	0	0	0	655
19:00	0	0	0	0	19	164	218	118	32	6	0	0	0	0	0	557
20:00	0	0	0	10	27	155	154	70	15	3	2	0	0	0	0	436
21:00	0	0	0	0	20	66	145	62	12	3	1	0	0	0	0	309
22:00	0	1	0	0	9	58	82	72	20	6	2	0	0	0	1	251
23:00	0	0	0	1	6	15	39	38	13	2	0	0	0	0	0	114
Total	2	19	102	492	723	1628	2358	1297	332	74	14	2	3	1	1	7048
Grand Total	5	61	285	1043	1469	3303	4463	2401	668	139	33	10	4	3	1	13888

Stats	15th Percentile :	27 MPH
	50th Percentile :	35 MPH
	85th Percentile :	42 MPH
	95th Percentile :	46 MPH
	Mean Speed(Average) :	36 MPH
	10 MPH Pace Speed :	31-40 MPH
	Number in Pace :	7766
	Percent in Pace :	55.9%
	Number of Vehicles > 35 MPH :	7722
	Percent of Vehicles > 35 MPH :	55.6%

Southbound Hourly Summary

GOAL ASSOCIATES

14750 NW 77th Court, Suite 320
 Miami Lakes, FL 33016

Site Code: 879001511100
 Station ID: 00000r418jx1
 NW 77 CT SOUTHBOUND

SOUTHBOUND

Start Time	0	11	16	21	26	31	36	41	46	51	56	61	66	71	76	Total
	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
09/20/2																
2	0	0	0	0	0	2	3	10	8	4	3	2	0	0	0	32
01:00	0	0	0	0	0	0	2	4	4	0	2	0	1	0	0	13
02:00	0	0	0	0	0	1	1	6	3	0	1	1	0	0	0	13
03:00	0	0	0	0	0	1	8	7	7	4	2	0	0	0	0	29
04:00	0	0	0	0	0	0	7	16	16	13	2	1	0	0	0	55
05:00	0	0	0	0	2	7	21	35	29	20	8	2	0	0	0	124
06:00	0	0	0	2	43	176	163	117	42	11	1	0	2	0	0	557
07:00	46	135	90	47	83	89	89	51	12	3	3	0	0	0	0	648
08:00	80	169	82	26	18	38	44	32	8	4	0	0	0	0	0	501
09:00	0	1	1	9	9	24	94	115	59	22	8	1	0	0	0	343
10:00	0	0	0	1	8	19	110	95	43	15	4	3	0	0	0	298
11:00	1	0	0	0	2	18	77	72	34	9	4	0	0	0	0	217
12 PM	0	0	0	0	3	37	77	80	43	11	3	1	0	0	0	255
13:00	1	6	20	21	26	43	66	55	15	9	3	1	0	0	0	266
14:00	2	34	73	69	48	11	4	0	0	0	0	0	0	0	0	241
15:00	39	16	6	11	5	19	31	52	18	7	2	0	0	0	0	206
16:00	0	0	0	4	5	43	90	95	49	10	2	0	0	0	0	298
17:00	0	0	1	0	14	44	94	119	37	14	0	1	0	0	0	324
18:00	0	0	0	0	8	40	98	97	41	22	2	0	0	0	0	308
19:00	0	0	0	0	7	62	89	69	30	1	2	0	0	0	0	260
20:00	0	0	1	1	12	36	94	43	20	9	4	0	0	0	0	220
21:00	0	0	0	0	1	18	49	42	10	5	2	1	1	0	0	129
22:00	0	0	0	0	0	16	29	18	15	6	2	0	0	0	0	86
23:00	0	0	1	0	1	6	15	18	7	5	1	0	2	0	0	56
Total	169	361	275	191	295	750	1355	1248	550	204	61	14	6	0	0	5479

GOAL ASSOCIATES

14750 NW 77th Court, Suite 320
 Miami Lakes, FL 33016

Site Code: 879001511100
 Station ID: 00000r418jx1
 NW 77 CT SOUTHBOUND

SOUTHBOUND

Start Time	0	11	16	21	26	31	36	41	46	51	56	61	66	71	76	Total
Time	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
09/21/2																
2	0	0	0	0	0	3	7	17	5	1	3	2	0	1	1	40
01:00	0	0	0	0	0	1	0	4	2	1	0	0	0	0	0	8
02:00	0	0	0	0	0	1	3	3	3	1	1	0	0	0	0	12
03:00	0	0	0	0	1	1	3	4	7	8	1	1	0	0	0	26
04:00	0	0	0	0	0	4	6	17	16	9	6	1	0	0	0	59
05:00	0	0	0	0	1	3	29	54	27	13	2	4	0	0	0	133
06:00	0	0	0	23	89	142	162	105	49	11	4	1	0	0	0	586
07:00	34	143	93	74	76	104	76	52	12	1	0	0	0	0	0	665
08:00	102	224	109	29	10	4	11	8	3	3	0	0	0	0	0	503
09:00	0	1	0	5	30	43	110	80	60	19	4	3	0	0	0	355
10:00	0	0	0	1	4	46	101	100	50	16	3	1	0	0	0	322
11:00	0	0	0	0	9	27	82	88	33	19	3	0	0	1	0	262
12 PM	1	2	0	3	20	47	80	65	31	10	6	0	0	0	0	265
13:00	10	6	15	41	62	63	35	13	1	0	0	1	0	0	0	247
14:00	40	32	7	9	12	18	48	38	14	3	0	0	0	0	0	221
15:00	0	0	2	1	2	24	72	71	34	8	3	1	0	0	0	218
16:00	0	0	0	0	5	31	80	109	55	11	4	1	2	0	0	298
17:00	0	0	0	1	3	31	118	123	54	12	5	0	1	0	0	348
18:00	0	0	0	0	3	35	88	105	46	15	3	1	0	0	0	296
19:00	0	0	0	1	11	50	94	87	25	13	5	1	0	0	0	287
20:00	0	0	0	0	8	40	98	57	27	10	2	0	1	0	0	243
21:00	0	0	0	0	1	29	61	61	25	13	2	1	0	0	0	193
22:00	0	0	0	1	3	7	26	36	12	6	1	0	0	0	0	92
23:00	0	0	0	0	1	6	14	9	6	8	2	4	0	0	0	50
Total	187	408	226	189	351	760	1404	1306	597	211	60	23	4	2	1	5729
Grand Total	356	769	501	380	646	1510	2759	2554	1147	415	121	37	10	2	1	11208

Stats

- 15th Percentile : 21 MPH
- 50th Percentile : 37 MPH
- 85th Percentile : 45 MPH
- 95th Percentile : 50 MPH
- Mean Speed(Average) : 36 MPH
- 10 MPH Pace Speed : 36-45 MPH
- Number in Pace : 5328
- Percent in Pace : 47.5%
- Number of Vehicles > 35 MPH : 7046
- Percent of Vehicles > 35 MPH : 62.9%

APPENDIX D

(Vehicle Gap Data)

GAP STUDY - DAY 1
NW 77 CT - SEPTEMBER 20, 2022

TIME	GAP SIZE															TOTAL VOLUME
	3	7	9	12	16	19	21	24	28	31	36	41	46	70	9999	
	1-3	3-7	7-9	9-12	12-16	16-19	19-21	21-24	24-28	28-31	31-36	36-41	41-46	46-51	<51	
15	36	0	0	0	1	0	0	0	0	0	0	0	0	0	0	37
30	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28
45	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24
100	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
115	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
130	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
145	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
200	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
215	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
230	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
245	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
300	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
315	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
330	6	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7
345	7	0	1	0	0	0	0	0	1	0	0	0	0	0	4	13
400	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
415	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
430	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
445	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28
500	10	0	0	0	1	1	1	2	0	0	0	0	2	1	4	22
515	7	1	0	0	3	2	0	1	0	0	0	0	1	0	12	27
530	12	4	2	0	3	4	4	1	1	2	2	0	0	0	14	49
545	11	8	2	3	3	2	3	2	4	2	0	1	1	0	8	50
600	40	1	0	2	2	1	1	1	1	1	1	0	1	0	3	55
615	108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	108
630	161	0	0	0	1	0	0	0	0	0	0	0	0	0	0	162
645	190	15	7	6	8	7	3	2	4	0	1	0	1	0	0	244
700	173	20	9	10	10	4	3	1	1	1	1	2	0	1	4	240
715	145	13	9	6	3	4	3	4	2	1	1	0	0	1	5	197
730	168	26	10	14	8	4	5	2	2	1	0	0	0	1	1	242
745	195	23	11	3	12	5	2	4	0	0	0	0	1	0	1	257
800	220	31	16	8	6	6	3	1	4	0	1	0	1	0	1	298
815	241	20	7	2	10	4	4	1	1	1	1	0	0	0	0	292
830	207	22	14	5	11	2	2	3	1	1	1	0	0	0	1	270
845	124	14	12	10	9	5	2	2	1	4	1	0	0	0	3	187
900	150	3	6	0	5	1	1	0	0	1	0	0	0	0	0	167
915	98	15	11	5	8	8	3	6	6	4	0	1	1	1	3	170
930	105	4	1	2	4	2	3	1	2	0	0	1	2	0	1	128
945	80	5	2	1	4	5	3	4	2	2	1	2	0	1	6	118
1000	116	3	4	2	3	0	2	1	0	0	0	0	1	0	3	135
1015	65	11	7	7	10	10	4	3	5	4	3	2	1	1	4	137
1030	85	11	5	4	10	10	4	4	3	0	0	0	0	1	7	144
1045	140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	140
1100	109	6	3	7	1	7	4	0	0	1	2	2	1	1	7	151
1115	112	9	6	2	5	3	4	2	3	2	0	0	1	0	4	153
1130	78	8	8	9	2	9	1	6	3	1	1	2	1	2	3	134
1145	117	0	1	1	0	1	1	0	0	0	0	0	0	0	2	123
1200	103	10	5	5	5	5	4	2	1	1	2	2	0	1	6	152
1215	129	6	3	4	1	1	2	0	0	1	1	0	2	0	2	152
1230	127	6	2	1	6	2	1	2	1	2	2	0	1	0	1	154
1245	108	8	1	6	4	0	0	3	0	3	0	1	2	0	4	140

**GAP STUDY - DAY 1
NW 77 CT - SEPTEMBER 20, 2022**

TIME	GAP SIZE															TOTAL VOLUME
	3	7	9	12	16	19	21	24	28	31	36	41	46	70	9999	
	1-3	3-7	7-9	9-12	12-16	16-19	19-21	21-24	24-28	28-31	31-36	36-41	41-46	46-51	<51	
1300	98	16	11	3	7	5	5	2	3	5	3	0	3	1	5	167
1315	119	18	5	1	7	5	3	2	4	1	1	0	1	0	5	172
1330	122	12	5	4	7	5	1	1	1	2	2	1	1	1	3	168
1345	118	4	2	4	8	4	3	2	0	3	1	0	0	0	2	151
1400	91	21	14	11	15	3	3	3	4	2	2	0	0	2	2	173
1415	189	20	10	7	6	3	3	0	1	0	1	0	0	0	0	240
1430	131	13	13	8	7	4	1	2	0	1	1	0	0	1	1	183
1445	141	7	7	1	5	3	2	2	0	0	1	0	0	0	0	169
1500	170	2	1	2	4	4	2	1	2	0	0	0	1	0	2	191
1515	182	2	0	0	0	0	0	0	0	0	0	0	0	0	0	184
1530	117	23	9	2	9	8	3	6	5	1	2	1	0	0	3	189
1545	124	19	5	7	7	5	7	2	1	0	3	0	0	1	3	184
1600	183	14	5	3	4	2	2	1	0	1	0	1	0	0	1	217
1615	145	17	6	7	9	3	2	3	3	0	1	0	0	3	2	201
1630	168	6	10	0	16	2	6	1	0	3	2	1	0	1	0	216
1645	139	22	12	11	10	11	2	6	1	3	4	0	0	0	0	221
1700	141	34	22	12	14	9	4	2	3	2	4	2	0	1	2	252
1715	221	0	1	1	3	0	2	0	0	0	0	0	0	0	1	229
1730	159	11	8	11	4	12	6	4	1	0	0	1	0	1	4	222
1745	230	11	12	6	6	4	3	1	0	1	2	0	0	1	1	278
1800	214	2	2	4	4	4	1	1	0	0	0	0	0	0	1	233
1815	196	14	8	12	3	2	5	3	1	0	0	0	1	1	1	247
1830	183	13	2	3	11	5	2	2	0	1	0	0	0	0	3	225
1845	198	12	3	1	5	1	3	3	1	2	0	0	1	0	0	230
1900	162	20	13	7	11	10	5	7	3	0	1	1	1	0	0	241
1915	168	15	8	11	9	3	5	2	0	2	1	0	1	1	1	227
1930	95	16	20	8	14	15	7	4	2	3	2	0	3	0	3	192
1945	107	26	14	12	17	17	5	4	5	2	3	1	0	0	4	217
2000	137	18	9	8	7	2	10	3	4	0	1	0	2	0	3	204
2015	96	29	18	6	19	13	4	2	5	2	4	0	2	1	4	205
2030	175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	175
2045	118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	118
2100	154	0	0	0	1	0	0	0	0	0	0	0	0	0	0	155
2115	58	15	19	8	9	7	6	7	7	3	3	0	2	2	3	149
2130	140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	140
2145	99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	99
2200	86	1	1	3	2	1	2	0	0	0	0	0	0	2	2	100
2215	51	7	3	2	5	2	3	5	1	1	1	0	1	1	6	89
2230	35	11	4	2	10	3	5	5	6	3	2	0	2	3	10	101
2245	44	1	3	1	5	6	4	2	1	1	1	0	2	1	10	82
2300	49	1	1	1	1	1	2	0	1	2	1	0	0	0	3	63
2315	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48
2330	27	2	0	0	0	0	0	1	0	1	1	0	0	0	9	41
2345	3	2	1	0	0	2	4	0	2	1	1	0	1	0	14	31
2400	2	2	2	1	1	2	3	2	2	3	1	0	0	1	11	33
Total	9617	782	454	316	441	303	209	155	119	88	75	25	46	38	240	12908
Percent	75%	6%	4%	2%	3%	2%	2%	1%	1%	1%	1%	0%	0%	0%	2%	
AM Peak Period	883	53	29	35	24	28	17	15	8	11	8	7	8	4	29	1159
AM Period Percent	76%	5%	3%	3%	2%	2%	1%	1%	1%	1%	1%	1%	1%	0%	3%	
PM Peak Period	1417	107	59	38	53	30	21	16	13	4	10	1	1	4	11	1785
PM Period Percent	79%	6%	3%	2%	3%	2%	1%	1%	1%	0%	1%	0%	0%	0%	1%	

GAP STUDY - DAY 2
NW 77 CT - SEPTMBER 21, 2022

TIME	GAP SIZE															TOTAL VOLUME
	3	7	9	12	16	19	21	24	28	31	36	41	46	70	9999	
	1-3	3-7	7-9	9-12	12-16	16-19	19-21	21-24	24-28	28-31	31-36	36-41	41-46	46-51	<51	
15	2	0	0	2	2	2	1	1	1	2	3	1	0	1	11	29
30	17	2	0	2	1	1	1	2	1	0	0	0	0	0	10	37
45	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26
100	5	0	2	0	1	1	1	0	0	2	1	0	1	0	9	23
115	0	1	1	0	0	1	1	0	0	1	0	0	0	0	8	13
130	0	1	1	0	1	1	0	0	0	0	0	0	0	0	8	12
145	0	2	0	0	2	0	1	0	0	0	0	0	0	0	8	13
200	0	0	0	0	1	1	0	0	0	0	2	0	0	0	7	11
215	0	0	0	0	0	0	1	1	0	0	0	0	0	0	8	10
230	0	0	1	0	0	0	1	0	0	0	0	0	0	0	6	8
245	0	0	0	1	0	0	0	0	0	0	0	0	0	1	5	7
300	1	2	1	0	1	0	1	0	0	0	0	0	1	0	6	13
315	1	0	0	0	0	0	1	0	0	0	0	0	0	1	4	7
330	1	1	3	0	1	2	0	0	1	0	0	1	0	0	8	18
345	0	1	0	0	1	0	0	1	0	0	0	0	1	0	9	13
400	1	0	0	1	0	1	0	0	0	1	0	0	0	1	8	13
415	0	0	2	1	0	1	0	0	0	0	0	0	0	0	8	12
430	2	1	1	0	0	0	2	0	0	0	0	0	0	0	9	15
445	4	0	0	0	1	1	2	1	1	0	0	1	0	1	9	21
500	2	2	2	0	3	1	1	0	0	1	1	1	1	1	6	22
515	2	1	0	0	1	0	1	1	0	0	1	2	1	2	11	23
530	6	3	2	2	3	1	6	2	1	0	0	0	2	0	14	42
545	36	0	1	0	3	0	1	2	0	1	2	0	0	0	4	50
600	53	0	1	3	0	2	1	0	1	1	0	0	0	0	2	64
615	63	9	2	2	3	3	0	0	0	1	0	0	0	1	5	89
630	90	8	8	5	13	5	2	3	1	1	2	0	3	1	6	148
645	164	29	14	7	7	7	6	2	2	2	1	2	0	0	7	250
700	161	26	17	9	7	7	2	4	2	2	1	0	0	0	3	241
715	179	9	4	5	6	3	3	4	3	0	1	0	0	0	2	219
730	193	21	7	5	3	1	1	5	0	0	0	0	1	0	3	240
745	188	26	20	9	8	6	2	4	5	0	0	1	0	0	1	270
800	198	29	7	5	3	1	2	0	2	0	0	0	0	0	2	249
815	212	27	27	9	5	2	5	1	0	2	3	0	0	0	0	293
830	152	28	21	14	13	5	2	2	3	1	0	1	0	2	0	244
845	154	16	10	7	7	1	5	1	0	2	0	2	0	1	1	207
900	166	0	0	0	1	2	1	0	0	0	0	0	0	0	1	171
915	74	14	11	6	12	12	5	3	3	4	3	1	2	1	5	156
930	107	7	4	3	5	3	3	0	1	1	1	0	1	1	4	141
945	89	4	2	3	9	2	0	0	1	3	0	1	0	0	8	122
1000	55	16	6	5	10	7	8	4	4	3	1	0	1	1	12	133
1015	92	11	6	6	7	8	4	2	2	3	1	2	1	0	5	150
1030	72	15	4	3	6	13	8	1	4	2	2	0	0	0	6	136
1045	101	4	3	1	8	7	3	1	1	3	1	3	2	0	4	142
1100	63	16	9	7	9	1	4	4	3	2	2	1	2	1	9	133
1115	86	5	5	2	5	3	2	1	0	1	3	0	1	0	5	119
1130	87	8	5	5	3	2	2	3	4	3	0	1	0	0	4	127
1145	108	1	3	2	1	1	1	0	2	1	0	2	2	0	0	124
1200	78	11	5	5	5	4	3	1	3	0	5	0	2	2	2	126
1215	79	8	4	6	11	10	2	2	5	2	0	2	0	1	8	140
1230	70	10	11	6	9	7	2	4	2	2	2	1	0	1	8	135
1245	104	10	7	2	9	5	4	3	1	0	1	0	0	1	3	150

GAP STUDY - DAY 2
NW 77 CT - SEPTMBER 21, 2022

TIME	GAP SIZE															TOTAL VOLUME
	3	7	9	12	16	19	21	24	28	31	36	41	46	70	9999	
	1-3	3-7	7-9	9-12	12-16	16-19	19-21	21-24	24-28	28-31	31-36	36-41	41-46	46-51	<51	
1300	94	8	12	1	8	5	11	0	0	1	5	0	0	1	6	152
1315	112	11	2	6	6	6	3	1	3	1	0	0	0	0	5	156
1330	102	4	5	1	3	2	1	0	3	2	1	0	0	0	1	125
1345	119	5	3	4	5	5	0	1	2	1	1	1	1	0	4	152
1400	128	0	0	4	3	2	0	1	1	1	0	1	1	1	0	143
1415	64	19	13	9	14	12	7	4	5	4	3	0	0	1	5	160
1430	103	15	4	4	9	4	2	3	4	2	1	0	0	1	4	156
1445	56	29	23	8	13	19	8	2	3	1	2	2	3	0	6	175
1500	97	17	9	5	5	5	2	5	2	4	1	1	1	1	0	155
1515	191	22	12	9	9	3	2	2	1	2	0	0	1	0	0	254
1530	134	36	17	11	10	7	8	2	4	1	1	0	0	2	0	233
1545	155	5	3	2	4	4	2	0	0	0	0	0	0	0	2	177
1600	128	18	12	3	9	12	3	2	2	2	2	1	2	1	2	199
1615	199	4	0	2	1	1	3	1	0	1	0	0	0	0	0	212
1630	159	17	6	5	14	1	7	3	3	1	2	0	0	0	2	220
1645	154	6	10	5	7	5	2	4	0	1	0	0	2	0	4	200
1700	167	20	10	7	5	11	2	3	3	1	1	0	1	0	2	233
1715	113	21	16	6	17	12	12	5	4	0	3	0	0	2	1	212
1730	171	14	13	7	7	4	3	0	2	1	1	0	1	1	4	229
1745	210	14	4	1	6	5	1	3	1	1	1	0	1	1	0	249
1800	169	22	12	10	17	7	2	1	2	2	1	1	4	1	2	253
1815	133	42	30	7	19	15	3	6	2	2	1	1	0	1	2	264
1830	166	11	11	3	14	5	4	1	0	1	1	2	1	0	3	223
1845	146	16	18	13	8	7	5	1	1	2	0	1	0	1	2	221
1900	181	11	5	7	7	4	2	2	2	1	0	0	0	0	2	224
1915	161	14	11	6	3	3	2	2	3	1	1	1	1	0	3	212
1930	131	15	18	14	13	8	3	6	3	5	2	1	0	2	3	224
1945	176	0	0	0	0	0	0	0	0	0	0	0	0	0	0	176
2000	145	4	4	5	5	3	4	1	0	0	0	0	0	0	4	175
2015	189	0	1	1	0	1	0	1	0	0	0	0	0	0	0	193
2030	49	24	15	7	11	8	7	6	5	1	3	2	1	0	11	150
2045	49	18	12	12	8	5	5	4	3	6	4	2	4	0	8	140
2100	91	8	4	3	4	4	2	2	1	1	1	1	2	1	5	130
2115	128	0	0	0	1	0	0	0	0	0	0	0	0	0	0	129
2130	56	10	8	2	8	3	6	5	2	3	2	1	1	1	7	115
2145	31	11	8	16	6	12	4	4	4	1	2	0	3	2	9	113
2200	27	11	9	3	6	11	4	4	4	4	1	1	3	1	10	99
2215	35	5	1	3	5	2	1	3	4	2	0	2	3	1	9	76
2230	79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	79
2245	69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69
2300	58	0	0	0	1	0	0	0	0	0	0	0	0	0	0	59
2315	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53
2330	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42
2345	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41
2400	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34
Total	8439	892	581	363	498	367	238	157	139	110	84	48	62	45	420	12443
Percent	68%	7%	5%	3%	4%	3%	2%	1%	1%	1%	1%	0%	0%	0%	3%	
AM Peak Period	675	69	49	35	52	33	20	18	20	11	13	7	7	6	39	1054
AM Period Percent	64%	7%	5%	3%	5%	3%	2%	2%	2%	1%	1%	1%	1%	1%	4%	
PM Peak Period	1342	143	81	52	67	56	31	19	20	15	8	4	6	6	17	1867
PM Period Percent	72%	8%	4%	3%	4%	3%	2%	1%	1%	1%	0%	0%	0%	0%	1%	

DAY 1 - AM PEAK PERIOD

	GAP SIZE	AM %	Cummulative
3	1-3	76%	76%
7	3-7	5%	81%
9	7-9	3%	83%
12	9-12	3%	86%
16	12-16	2%	88%
19	16-19	2%	91%
21	19-21	1%	92%
24	21-24	1%	94%
28	24-28	1%	94%
31	28-31	1%	95%
36	31-36	1%	96%
41	36-41	1%	96%
46	41-46	1%	97%
51	46-51	0%	97%
70	>51	3%	100%

DAY 2 - AM PEAK PERIOD

	GAP SIZE	AM %	Cummulative
3	1-3	64%	64%
7	3-7	7%	71%
9	7-9	5%	75%
12	9-12	3%	79%
16	12-16	5%	83%
19	16-19	3%	87%
21	19-21	2%	89%
24	21-24	2%	90%
28	24-28	2%	92%
31	28-31	1%	93%
36	31-36	1%	94%
41	36-41	1%	95%
46	41-46	1%	96%
51	46-51	1%	96%
70	>51	4%	100%

AM Peak Period (Average)

	GAP SIZE	AM %	Cummulative
3	1-3	70%	70%
7	3-7	6%	76%
9	7-9	4%	79%
12	9-12	3%	82%
16	12-16	4%	86%
19	16-19	3%	89%
21	19-21	2%	90%
24	21-24	2%	92%
28	24-28	1%	93%
31	28-31	1%	94%
36	31-36	1%	95%
41	36-41	1%	96%
46	41-46	1%	96%
51	46-51	0%	97%
70	>51	3%	100%

DAY 1 - PM PEAK PERIOD

	GAP SIZE	PM %	Cummulative
3	1-3	79%	79%
7	3-7	6%	85%
9	7-9	3%	89%
12	9-12	2%	91%
16	12-16	3%	94%
19	16-19	2%	95%
21	19-21	1%	97%
24	21-24	1%	98%
28	24-28	1%	98%
31	28-31	0%	98%
36	31-36	1%	99%
41	36-41	0%	99%
46	41-46	0%	99%
51	46-51	0%	99%
70	>51	1%	100%

DAY 2 - PM PEAK PERIOD

	GAP SIZE	PM %	Cummulative
3	1-3	72%	72%
7	3-7	8%	80%
9	7-9	4%	84%
12	9-12	3%	87%
16	12-16	4%	90%
19	16-19	3%	93%
21	19-21	2%	95%
24	21-24	1%	96%
28	24-28	1%	97%
31	28-31	1%	98%
36	31-36	0%	98%
41	36-41	0%	98%
46	41-46	0%	99%
51	46-51	0%	99%
70	<51	1%	100%

PM Peak Period (Average)

	GAP SIZE	AM %	Cummulative
3	1-3	76%	76%
7	3-7	7%	82%
9	7-9	4%	86%
12	9-12	2%	89%
16	12-16	3%	92%
19	16-19	2%	94%
21	19-21	1%	96%
24	21-24	1%	97%
28	24-28	1%	98%
31	28-31	1%	98%
36	31-36	0%	99%
41	36-41	0%	99%
46	41-46	0%	99%
51	46-51	0%	99%
70	>51	1%	100%

APPENDIX E

(Target Speed Recommendation)

MEMORANDUM

To: Kenneth Jeffries – FDOT District 6
From: Jessica Josselyn and Spencer Maddox, EI – Kittelson & Associates, Inc.
Date: July 22, 2022
Subject: FM# 446239-1 – SR 826 Frontage Road at NW 77th Court RRR Scoping Report Project-level Context Classification (PLCC) and Target Speed Review

City/Town:	<u>Miami Lakes</u>	County:	<u>Miami-Dade</u>
Road Name:	<u>NW 77 Court</u>	State Road Number:	<u>826</u>
Section Number:	<u>87260524</u>		
Begin Mile Point:	<u>0.153</u>	End Mile Point:	<u>0.746</u>
FM Number:	<u>446239-1</u>		

Per your request, we have completed our Project-level Context Classification (PLCC) and Target Speed review for the above-mentioned project. Below is a summary of our findings:

Begin Mile Post: 0.153 (North of NW 154 Street)

End Mile Post: 0.746

Current Context Classification:

No Current Classification

Project-level Context Classification (PLCC) Recommendation:

C4 – Urban General

Project-level Context Classification Review

From review of FDOT GIS Database and the FDOT SLD, the segment of SR 826 Frontage Road/NW 77th Court under evaluation currently does not have a CC and is an active, but off-system roadway. Off-system roadways typically do not get a PLCC designated, but in this case PLEMO has identified one for the project team's consideration. Based on the land uses along the corridor, SR 826 Frontage Road/NW 77th Court within the project limits most closely resembles a C4 – Urban General CC. Justifications for this review are provided below:

1. *C4-Urban General* – SR 826/NW 77 Court

- Distinguishing characteristics are consistent with C4 – Urban General:
 - Mixed uses along the corridor including single family and multifamily residential houses, neighborhood scale retail, and institutional uses.
- Primary and secondary measures are consistent with C4 – Urban General, including:
 - Both attached and detached buildings are present along the corridor.
 - Medium setbacks along the corridor which encourage pedestrian activity.
 - Parking is located primarily on the side and the rear with some businesses having parking in front.

Conclusion

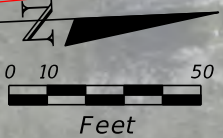
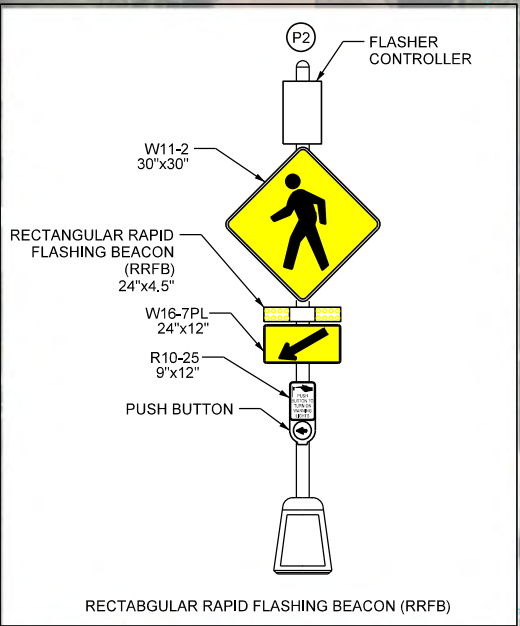
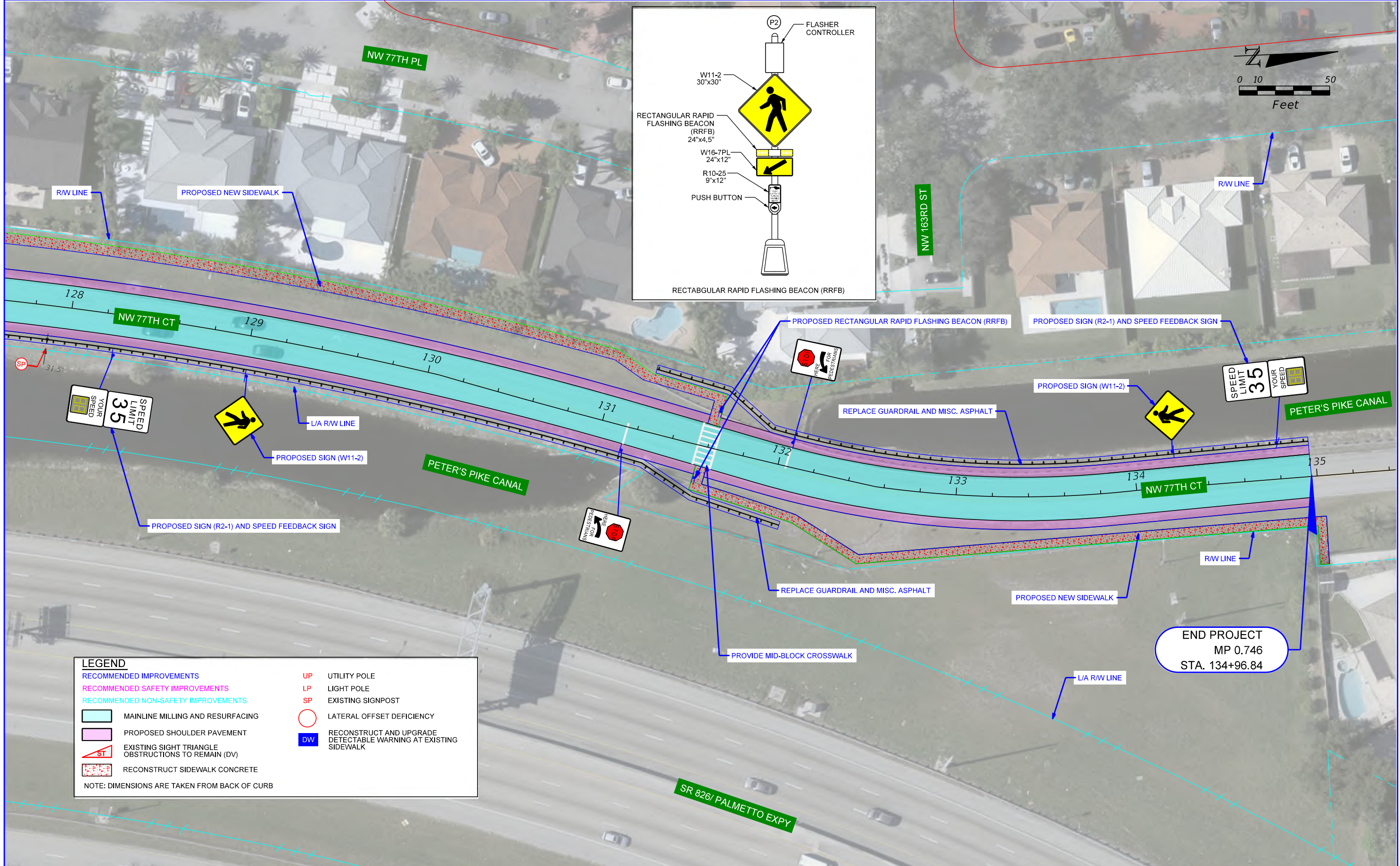
From review of FDOT GIS Database and the FDOT SLD, the segment of SR 826 Frontage Road/NW 77th Court under evaluation currently does not have a CC and is an active, but off-system roadway. Off-system roadways typically do not get a PLCC designated, but in this case PLEMO has identified one for the project team's consideration. Based on the land uses along the corridor, the roadway segment under evaluation most closely resembles a C4 – Urban General CC.

Target Speed Review

Given the surrounding land uses, a Target Speed of 30 mph is appropriate for the segment and within the allowable range of the C4 – Urban General CC.

APPENDIX F

(Proposed Mid-Block Concept Plan)



LEGEND

— RECOMMENDED IMPROVEMENTS	UP UTILITY POLE
— RECOMMENDED SAFETY IMPROVEMENTS	LP LIGHT POLE
— RECOMMENDED NON-SAFETY IMPROVEMENTS	SP EXISTING SIGNPOST
 MAINLINE MILLING AND RESURFACING	 LATERAL OFFSET DEFICIENCY
 PROPOSED SHOULDER PAVEMENT	 RECONSTRUCT AND UPGRADE DETECTABLE WARNING AT EXISTING SIDEWALK
ST EXISTING SIGHT TRIANGLE OBSTRUCTIONS TO REMAIN (DV)	
 RECONSTRUCT SIDEWALK CONCRETE	

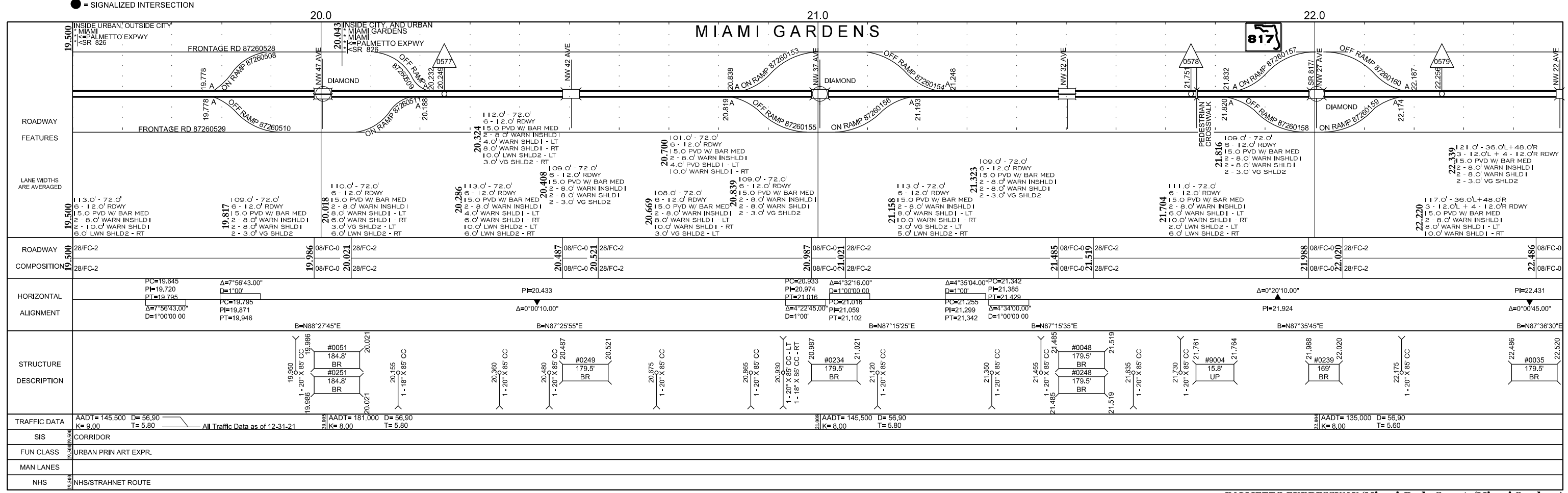
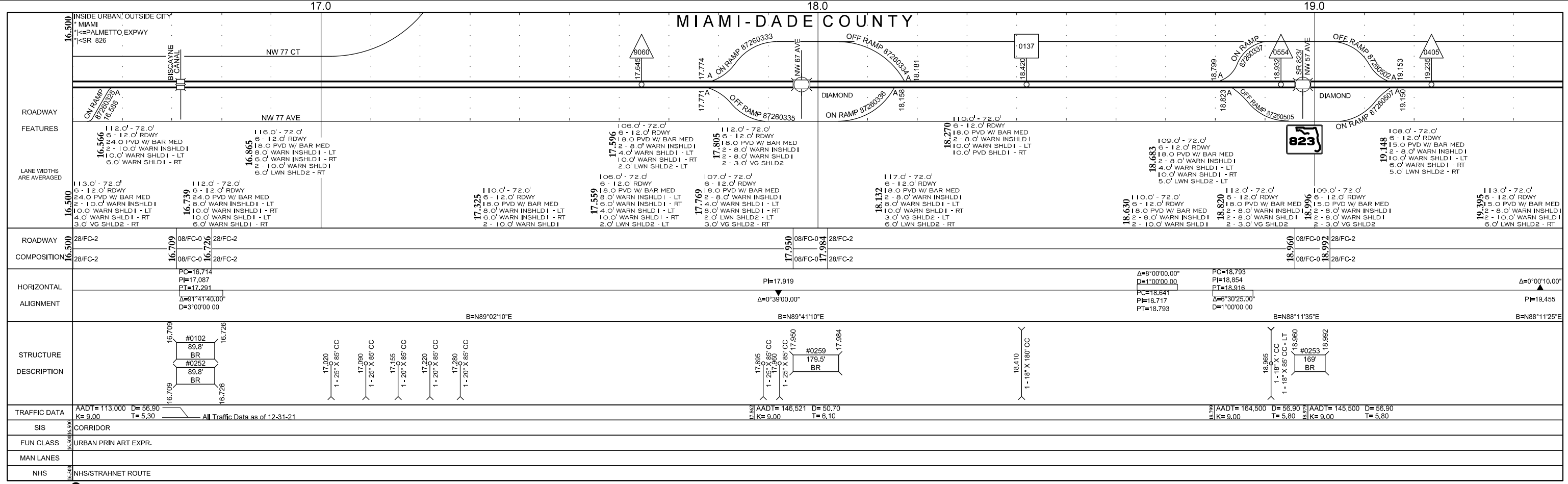
NOTE: DIMENSIONS ARE TAKEN FROM BACK OF CURB

END PROJECT
MP 0.746
STA. 134+96.84

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

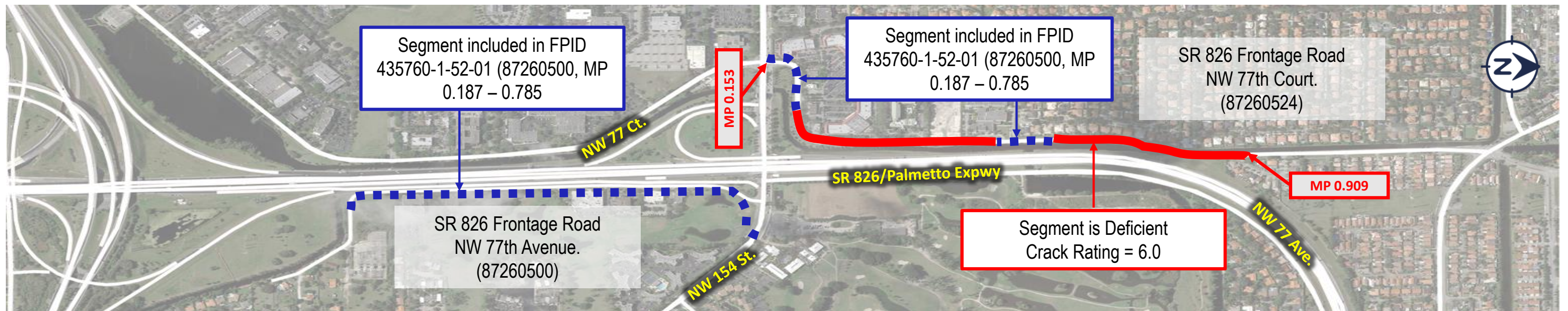
D. Corridor Files

- D-1. Straight Line Diagram
- D-2. Project Data Sheet and Pavement Forecast
- D-3. Utility Owners List



Candidate Project Number	Candidate Number	Project Type	Road Name Project Limits (Section, MP)	Length (miles)	# of Lanes	Lane Miles
C-5	#59	RRR	SR 826 Frontage Road, NW 77 Court (87260524 MP 0.153-0.411, MP 0.502-0.742)	0.498	2	0

Municipality and County	Town of Miami Lakes, Miami-Dade County
Functional and Context Classification	N/A
SIS Facility	No
Typical Section	Two-lane undivided roadway
Posted Speed Limit	30 mph
Maintenance Yard	North Dade
Traffic Volume (AADT), Truck %	No information available
Recommendation	Program a new RRR Project for FY 2023
Preliminary Construction Cost Estimate	\$2,200,000



Pavement Condition Survey (PCS) Ratings				Pavement Field Review Notes (2019)	Pavement History	Pavement Age		Previous Project	High Crash List (HCL)	Salinity Control Line (SCL)	Notes
Section Number	2019 Crack Rating by CTS	2019 Crack Rating by Team	Eligibility for Resurfacing			Now (2019)	Future (2023)	FM (Year)			
87260524	6.5	6.0	Deficient	<ul style="list-style-type: none"> NW 77 Court is a high priority. Severe longitudinal cracking, slope failure at canal bank, deficient guardrail. Requires partial reconstruction at southbound lane. Rating should be lower. Verify if this is an FDOT roadway. 	<ul style="list-style-type: none"> Unknown last resurfacing. 	?	?	Unknown	N/A	West of SCL	<ul style="list-style-type: none"> Frontage Roads are partially impacted by FPID 435760-1-52-01 (FY 2022). Frontage Roads were not resurfaced by FPID 430821-3-52-01 (FY 2015). Clarify the limits of FDOT right of way and maintenance.

Ticket : 137202909 Rev:000 Taken: 05/17/22 10:17ET

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

Address :
Street : NW 77TH CT
Cross 1 : NW 165TH TER
Within 1/4 mile: Y
Cross 2 : NW 154TH ST

Locat: DESIGN TICKET ONLY R/O/W TO R/O/W ON NW 77TH CT FROM NW 154TH ST TO
NW 165TH TERR

:
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.

05/17/2022 10:17:32 AM MDWS HAS DECLARED EXTRAORDINARY CIRCUMSTANCES
*** LOOKUP BY BETWEEN ***

:
Grids : 2554A8019B 2555C8019B 2555C8019C 2555D8019B 2555D8019C

Work date: 05/17/22 Time: 10:15ET Hrs notc: 000 Category: 6 Duration: UNKNOWN
Due Date : 05/19/22 Time: 23:59ET Exp Date : 06/16/22 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 : GOAL ASSOCIATES INC Type: CONT
Co addr : 14750 NW 77TH CT
Co addr2: SUITE 320
City : MIAMI LAKES State: FL Zip: 33016
Caller : YOLANDA DUARTE Phone: 786-600-3350
Contact : NA Phone:
BestTime: 9-5
Email : YOLANDA.DUARTE@GOALASSOCIATES.COM

Submitted: 05/17/22 10:17ET Oper: YOL Chan: WEB
Mbrs : ALLIN1 CC1279 CITYGS DCPWT EVGPPL FDOT06 FGT01 FPLDAD MDWS ML1426
Mbrs : NN1882 SBF23

* Responses are current as of 05/17/2022 10:19 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	A T & T/ DISTRIBUTION SBF23	TELEPHONE	DINO FARRUGGIO (561) 683-2729	USIC DISPATCH OFFICE (CLS) (800) 778-9140	USIC DISPATCH OFFICE (CLS) (800) 778-9140	
No	BUCKEYE PIPELINE CO EVGPPL	GAS	DANIEL MANGUM (832) 541-3946	TRACI MCCLERNON (610) 904-4475	GARY WURSTER (954) 522-8464	
No	COMCAST CABLE CC1279	CATV, FIBER	RICARDO DAVIDSON (786) 586-8505		HFC HELP DESK (855) 962-8525	
No	CROWN CASTLE NG NN1882	FIBER	FIBERDIG TEAM (888) 632-0931 x2		CROWN CASTLE FIBER NOC (855) 933-4237 x1	
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 CITY GAS CITYGS	NATURAL GAS	GUSTAVO PENA (305) 835-3624		KELLIE DUNLAP (305) 298-7360	
No	FLORIDA DEPARTMENT OF TRANSPORTATION VI ITS FDOT06	FIBER	THOMAS MILLER (305) 470-5757 x7352	IT ADMIN (305) 470-5757 x7340	ANTONIO VALLADARES (561) 703-1113	
No	FLORIDA GAS TRANSMISSION FGT01	GAS	JOSEPH E. SANCHEZ (407) 838-7171	LORENZO MENENDEZ (954) 214-5446	MOLLY CARRIERE (713) 989-7079	
No	FLORIDA POWER & LIGHT--DADE FPLDAD	ELECTRIC	EDGAR AGUILAR (386) 586-6403		USIC DISPATCH CENTER (800) 778-9140	
Yes	MIAMI-DADE WATER SEWER, WATER & SEWER MDWS		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	TOWN OF MIAMI LAKES ML1426	IRRIGATION, STREET LIGHTS		LUIS SANCHEZ (305) 364-6100	LUIS SANCHEZ (305) 364-6100	
No	SSOCOF TEST CODE - DO NOT READ TO CALLER ALLIN1 * Test/In-House	SSOCOF TEST CODE				Call Center Test Destination - The member code affiliated with this code is a test code - please disregard this response

E. Pavement Design Documents

E-1.18-kip ESAL Report

E-2.Ground Penetration Radar (GPR)



FLORIDA DEPARTMENT OF TRANSPORTATION
DISTRICT SIX PLANNING AND ENVIRONMENTAL MANAGEMENT OFFICE

18 KIP ESAL CALCULATIONS

SR 826 Frontage Road at NW 77 Court
(Section 87260524, from MP 0.153 to MP 0.746)
F.P.: 446239-1

TWO NO.: 9



FM No.: 408199-1-12-06

Contract No.: CAD21

FDOT PM: Ana Maria Calleja, P.E.

Prepared by
CTS Engineering, Inc.

May 12, 2022

**FLORIDA DEPARTMENT OF TRANSPORTATION
DISTRICT SIX PLANNING AND ENVIRONMENTAL
SMANAGEMENT OFFICE**

18 KIP ESAL CALCULATIONS

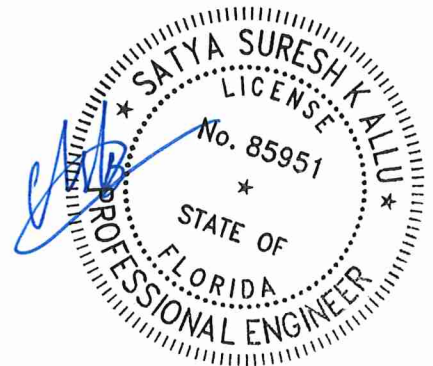
FOR

**SR 826 frontage road at NW 77 Court
(Section 87260524, from MP 0.153 to MP 0.746)**

**FM NO.: 408199-1-12-06
CONTRACT NO.: CAD21
FDOT PM: Ana Maria Calleja, P.E.**

Prepared by

**Suresh Allu, P.E.
CTS Engineering, Inc.**



May 12, 2022

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APPENDICES

- Appendix A – FDOT Request
- Appendix B – 72-Hour Classification Counts
- Appendix C – FSUTMS Volumes and Plots
- Appendix D – Traffic Analysis Zones
- Appendix E – 18-Kip ESAL Calculations

1. INTRODUCTION

CTS Engineering, Inc. was retained by the Planning and Environmental Management Office of the Florida Department of Transportation (FDOT) District 6 to develop the 18-Kip Equivalent Single Axle Load (ESAL) calculations for the Frontage Road along SR 826 (NW 77 Court between Miami Lakes Drive and NW 164 Street), Section 87260524 from MP 0.153 to MP 0.746. Based on the FDOT 18-Kip ESAL request form, Resurfacing, Restoration, and Rehabilitation (RRR) work will be conducted on this segment. The project is located in the City of Miami Lakes, Miami-Dade County, Florida. This study was initiated following a request from the FDOT District 6 Design Office. The study included 72-hour classification counts, Southeast Regional Planning Model (SERPM 8) projections, traffic analysis zones (TAZs) data, and the development of 18-Kip ESAL calculations.

2. PROJECT IDENTIFICATION

- This project is identified under FDOT Work Program FP No. 446239-1.
- The Frontage Road within the study limits is located in the City of Miami Lakes, Miami-Dade County, Florida.
- The posted speed limit along the study Frontage Road is 35 MPH.
- The typical section for the Frontage Road is two-lanes undivided roadway with grass shoulders on both sides within the study limits.
- The assigned project is resurfacing (RRR).
- The pavement material will be asphalt.
- The opening year for traffic is 2026.

Table 1 indicates the project details for the Frontage Road segments within the study limits. **Figure 1** shows the site location map. A copy of the request memorandum is presented in **Appendix A**.

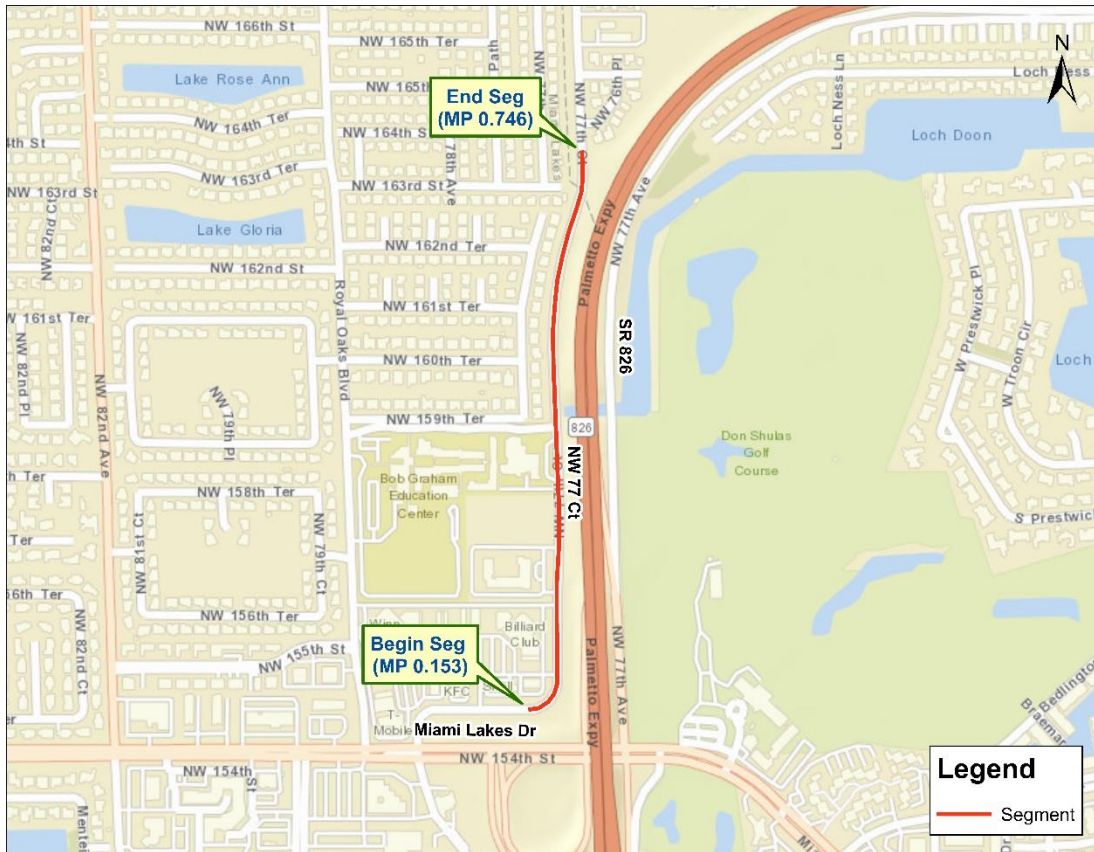


Figure 1 – Site Location Map

3. TRAFFIC INFORMATION

The FDOT Florida Traffic Online 2020 did not identify any count stations on the Frontage Road within the study limits. 72-hour classification counts were performed within the study limits from Tuesday, May 3, 2022 through Thursday, May 5, 2022. **Table 1** shows the AADT calculations based on the 72-hours classification counts, and detailed copies of the data collected are presented in **Appendix B**.

Table 1 AADT Calculation

Seg. No.	Day1	Day2	Day3	Average	Season Factor	AADT	T ₂₄
1	13,062	12,867	13,469	13,133	1.15	15,103	2.74

Note: 72-hour classification counts were collected from Tuesday May 3, 2022 through Thursday, May 5, 2022. AADT was obtained by applying the seasonal factor to the average of the three-day counts. Highest truck factor from the three-day data was obtained from the traffic counts on May 3, 2022.

3.2 MODELING DATA

The latest available Southeast Regional Planning Model (SERPM 8.521 with 2015 as the Base Year) was run for year 2045, along the segment within the project limits. Results of the FSUTMS model volume plots for selected link contained by the project limits are included in **Appendix C**.

4. TRAFFIC GROWTH ANALYSIS

As mentioned earlier, there were no FDOT count stations on the Frontage Roads. A review of the model volumes from 2015 and 2045 SERPM indicated a negative growth rate. Therefore, Traffic Analysis Zones (TAZs) were used to review the employment and population data (for 2015 and 2045) to estimate the traffic growth rate. **Table 2** shows the employment and population growth rate for the adjacent TAZs. A map of the TAZs is included in **Appendix D**. The average growth rate based on the population data, which is 0.9%, is applied to obtain the forecasting volumes. The growth rate was applied to the existing counts (2022) to obtain the Opening Year (2026), Mid-Year (2036), and Design Year (2046) forecasted volumes.

Table 2: Population and Employment Data

No.	TAZ No.	Population		Growth Rate	Employment		Growth Rate
		2015	2045		2015	2045	
1	2924	2,714	3,591	0.9%	2,107	2,597	0.7%
2	2925	2,025	2,157	0.2%	245	291	0.6%
3	2918	2,950	3,387	0.5%	1,004	1,135	0.4%
4	2926	14,905	15,400	0.1%	715	847	0.6%
5	2922	291	634	2.6%	3,176	4,046	0.8%

The forecasted traffic volumes for the Opening Year (2026), Mid-Year (2036), and Design Year (2046) are indicated in **Table 3**.

Table 3: Forecasted Traffic Volumes

Segment No.	Segment	Annual Growth Rate	Existing Year (2022)	Forecasted Volumes		
				Opening Year (2026)	Mid Year (2036)	Design Year (2046)
1	NW 77 Court from MP 0.153 to MP 0.746	0.9%	15,103	15,700	17,100	18,700

5. 18-KIP ESAL CALCULATIONS

An Equivalent Single Axle Load (ESAL) analysis was performed using traffic factors from the traffic data collected and the forecasted traffic volumes obtained from the traffic growth analysis. **Table 4** indicates the traffic volumes and truck percentages (highest truck percentage of the three days data collected) used for ESAL calculations for each segment within the project limits.

Table 4 Traffic Volumes and Truck Percentages for 18-Kip ESAL Calculations

Segment No.	Number of Lanes	Existing Year (2022)	Opening Year (2026)	Mid Year (2036)	Design Year (2046)	Truck %
1	2	15,103	15,700	17,100	18,700	2.74

Summary of the results of ESAL calculations for the roadway segments within the project limits are shown in **Table 5**. Detailed information is included in **Appendix E**.

Table 5 Summary of ESAL Calculations

Segment No.	Section ID	ESAL Accumulation (1000s)	
		Opening Year (2026) to Mid-Year (2036)	Opening Year (2026) to Design Year (2046)
1	SR 826 frontage Road at NW 77 Court	736	1,539

APPENDIX A
FDOT Request

1. Fill in all required fields.
2. Click on Submit Form button and choose "Desktop Email Application"

18 KIP Request Form

Date: 04/22/2022 * (Field Required)

To: Ana Calleja, P.E., District Statistics Administrator (Anam.Calleja@dot.state.fl.us)

From: Nicholas Danu, FDOT Project Manager * (Field Required)

By: Nicholas Danu, Design Project Engineer * (Field Required)

Copies to: File

Subject: FPID #: 446239-1 State Road # / US #: 826 * (Field Required)
 * (Field Required)

Local Name: NA County: Miami-Dade * (Field Required)
 * (Field Required)

Roadway ID #: 87260524 From Milepost: 0.153 To Milepost: 0.746
 * (Field Required) * (Field Required)

Description: SR 826 FRONTAGE ROAD AT NW 77TH COURT
0012 - RESURFACING

* Note: If you need additional space, please include the description within your email

Budget Construction (Letting) Year: 2025 Year Open to Traffic: 2026

Present number of lanes (both ways): 2 Divided? No * (Field Required)

Number of lanes in design year (both ways): 2 Divided? No * (Field Required)

Area Type: Urban * (Field Required)

Type of Facility: Minor Arterial * (Field Required) Other: _____

Pavement Type: 1. Asphalt (Flexible): Yes
 * (Field Required) 2. Concrete (Rigid): No a) D=9": b) D=12":

Type of Work: Resurfacing (RRR) * (Field Required)

Select one or more of the types of data requested to be returned to the FDOT Project Manager for the subject project:

1. 18-kip Equivalent Single Axle Loading (ESAL):
2. Projections:
3. Turning Movements:
4. Traffic Counts:

Please attach:

- a) Locator Map (key sheet, Straight Line Diagram (SLD), etc...)
- b) Existing and proposed typical cross sections (if available)
- c) Consultant's traffic counts (if available)

APPENDIX B

72-Hour Classification Counts

County: 87
 Station: 9901
 Description: NW 77 COURT BETWEEN NW 154 STREET AND NW 163 ST
 Start Date: 05/03/2022
 Start Time: 0000

Time	Direction: N					Direction: S					Combined Total		
	1st	2nd	3rd	4th	Total	1st	2nd	3rd	4th	Total			
0000	22	18	12	15	67	10	10	9	5	34	101		
0100	14	8	8	10	40	7	2	0	1	10	50		
0200	7	6	4	8	25	2	4	3	1	10	35		
0300	6	4	3	4	17	2	6	4	7	19	36		
0400	1	1	3	5	10	12	12	19	18	61	71		
0500	1	9	8	8	26	25	25	47	46	143	169		
0600	16	17	29	34	96	54	89	141	166	450	546		
0700	51	56	48	92	247	208	167	173	179	727	974		
0800	121	110	147	65	443	147	122	111	106	486	929		
0900	78	68	50	68	264	105	77	97	91	370	634		
1000	63	57	63	55	238	84	76	64	85	309	547		
1100	75	81	59	78	293	77	63	67	74	281	574		
1200	73	91	77	84	325	61	65	83	81	290	615		
1300	99	90	93	81	363	72	86	79	87	324	687		
1400	107	90	118	139	454	81	77	86	56	300	754		
1500	183	197	137	140	657	22	61	74	74	231	888		
1600	160	177	159	179	675	98	84	73	80	335	1010		
1700	165	172	177	185	699	87	80	83	90	340	1039		
1800	174	192	174	151	691	92	78	76	68	314	1005		
1900	161	122	95	105	483	63	63	66	57	249	732		
2000	88	103	85	80	356	84	54	47	71	256	612		
2100	94	84	101	69	348	55	39	32	35	161	509		
2200	66	83	51	41	241	33	22	32	15	102	343		
2300	46	35	38	18	137	19	18	15	13	65	202		
24-Hour Totals:						7195						5867	13062

	Peak Volume Information					
	Direction: N		Direction: S		Combined Directions	
	Hour	Volume	Hour	Volume	Hour	Volume
A.M.	745	470	700	727	745	1029
P.M.	1730	728	1715	345	1730	1071
Daily	1730	728	700	727	1730	1071
Truck Percentage	2.45		3.10		2.74	

Classification Summary Database																	
Dir	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	TotTrk	TotVol
N	25	5975	1019	20	134	11	0	10	1	0	0	0	0	0	0	176	7195
S	26	4807	852	11	110	53	0	7	1	0	0	0	0	0	0	182	5867

County: 87
 Station: 9901
 Description: NW 77 COURT BETWEEN NW 154 STREET AND NW 163 ST
 Start Date: 05/04/2022
 Start Time: 0000

Time	Direction: N					Direction: S					Combined Total	
	1st	2nd	3rd	4th	Total	1st	2nd	3rd	4th	Total		
0000	20	12	19	17	68	7	11	6	7	31	99	
0100	6	10	6	3	25	3	2	4	2	11	36	
0200	7	7	5	3	22	1	1	2	1	5	27	
0300	2	4	1	4	11	4	8	5	4	21	32	
0400	2	4	7	7	20	9	12	18	29	68	88	
0500	5	5	7	6	23	17	26	38	53	134	157	
0600	16	12	30	33	91	59	90	158	184	491	582	
0700	46	58	64	101	269	179	179	172	181	711	980	
0800	118	109	114	62	403	158	121	103	122	504	907	
0900	56	68	54	55	233	133	87	85	102	407	640	
1000	54	48	83	58	243	81	80	69	84	314	557	
1100	73	70	82	69	294	69	68	71	86	294	588	
1200	74	78	74	91	317	55	76	69	79	279	596	
1300	90	86	80	106	362	77	85	77	50	289	651	
1400	159	144	131	141	575	22	54	51	70	197	772	
1500	134	125	121	149	529	65	64	57	83	269	798	
1600	151	144	160	148	603	83	93	89	87	352	955	
1700	145	170	173	171	659	77	78	76	84	315	974	
1800	188	160	153	157	658	83	63	90	68	304	962	
1900	141	140	136	128	545	74	61	67	65	267	812	
2000	104	90	104	92	390	64	65	42	49	220	610	
2100	94	103	81	67	345	54	39	45	23	161	506	
2200	64	61	50	39	214	27	29	26	25	107	321	
2300	49	34	29	43	155	16	20	14	12	62	217	
24-Hour Totals:					7054						5813	12867

Peak Volume Information						
	Direction: N		Direction: S		Combined Directions	
	Hour	Volume	Hour	Volume	Hour	Volume
A.M.	745	442	645	714	715	1031
P.M.	1715	702	1600	352	1715	1023
Daily	1715	702	645	714	715	1031
Truck Percentage	2.14		3.03		2.54	

Classification Summary Database																	
Dir	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	TotTrk	TotVol
N	31	5871	1001	19	111	8	0	11	2	0	0	0	0	0	0	151	7054
S	27	4736	874	16	103	48	0	9	0	0	0	0	0	0	0	176	5813

County: 87
 Station: 9901
 Description: NW 77 COURT BETWEEN NW 154 STREET AND NW 163 ST
 Start Date: 05/05/2022
 Start Time: 0000

Time	Direction: N					Direction: S					Combined Total	
	1st	2nd	3rd	4th	Total	1st	2nd	3rd	4th	Total		
0000	19	27	24	15	85	13	8	11	3	35	120	
0100	19	13	11	13	56	6	4	4	4	18	74	
0200	8	7	4	6	25	5	2	2	7	16	41	
0300	2	5	3	6	16	2	5	9	5	21	37	
0400	6	1	1	1	9	9	7	16	20	52	61	
0500	7	2	7	5	21	31	22	36	46	135	156	
0600	16	20	26	28	90	52	75	144	178	449	539	
0700	55	63	68	74	260	184	177	163	188	712	972	
0800	104	130	112	70	416	149	111	134	116	510	926	
0900	60	76	60	60	256	110	96	82	94	382	638	
1000	54	68	68	66	256	79	62	79	74	294	550	
1100	63	71	81	75	290	84	56	66	78	284	574	
1200	85	90	97	94	366	86	69	66	79	300	666	
1300	91	87	83	67	328	84	68	79	68	299	627	
1400	105	95	112	103	415	53	67	93	53	266	681	
1500	178	190	122	138	628	22	69	55	70	216	844	
1600	168	176	153	163	660	85	94	69	90	338	998	
1700	188	188	163	183	722	98	77	93	90	358	1080	
1800	175	168	146	164	653	76	87	110	111	384	1037	
1900	147	152	136	128	563	117	117	62	79	375	938	
2000	142	140	121	108	511	78	49	68	43	238	749	
2100	83	104	80	79	346	48	37	58	37	180	526	
2200	74	63	61	50	248	54	26	28	29	137	385	
2300	48	47	39	33	167	34	20	19	10	83	250	
24-Hour Totals:					7387						6082	13469

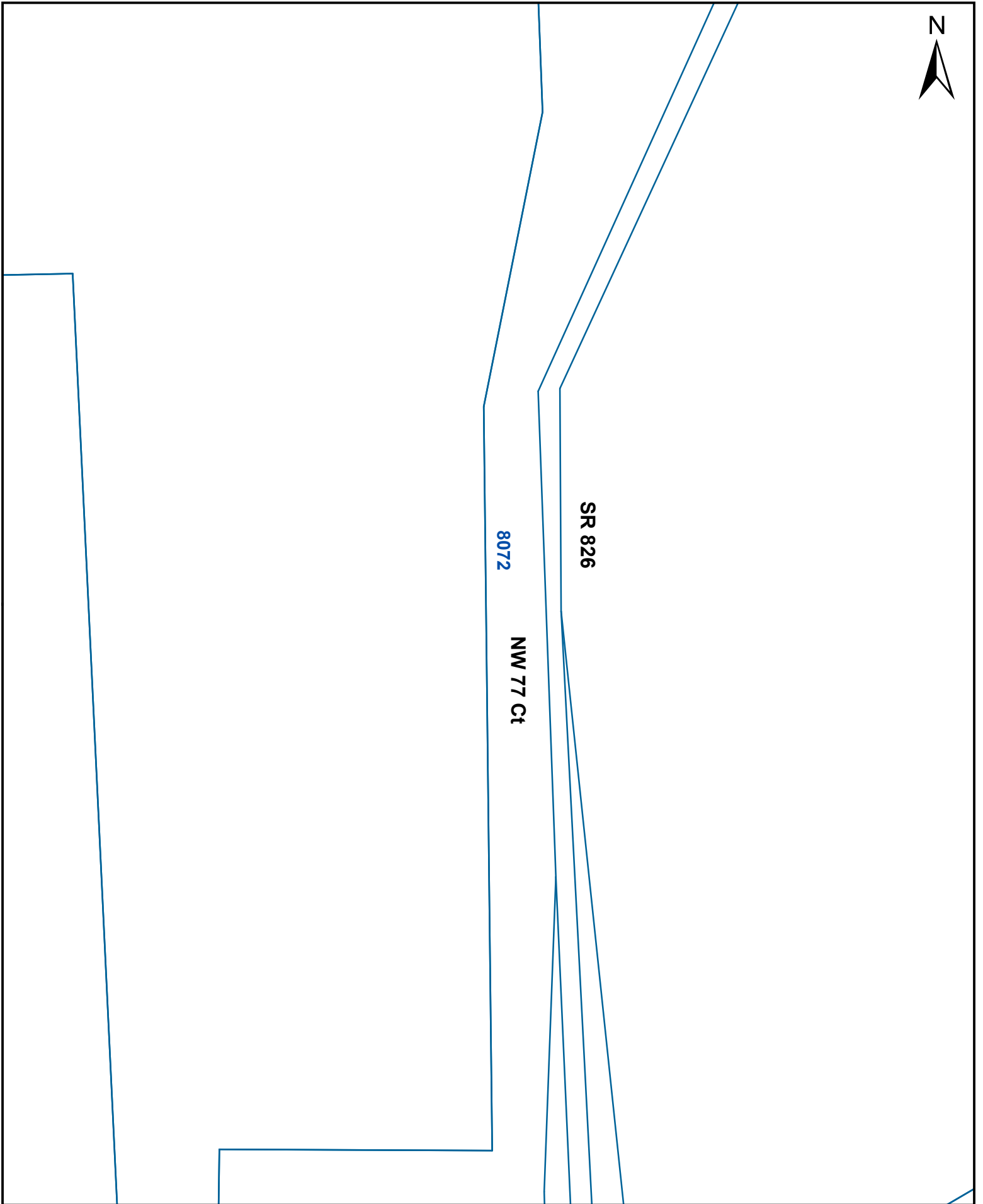
Peak Volume Information						
	Direction: N		Direction: S		Combined Directions	
	Hour	Volume	Hour	Volume	Hour	Volume
A.M.	745	420	700	712	745	1002
P.M.	1700	722	1800	384	1700	1080
Daily	1700	722	700	712	1700	1080
Truck Percentage	2.08		2.83		2.42	

Classification Summary Database																	
Dir	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	TotTrk	TotVol
N	24	6181	1028	19	128	4	0	2	1	0	0	0	0	0	0	154	7387
S	30	5021	859	15	111	38	0	6	2	0	0	0	0	0	0	172	6082

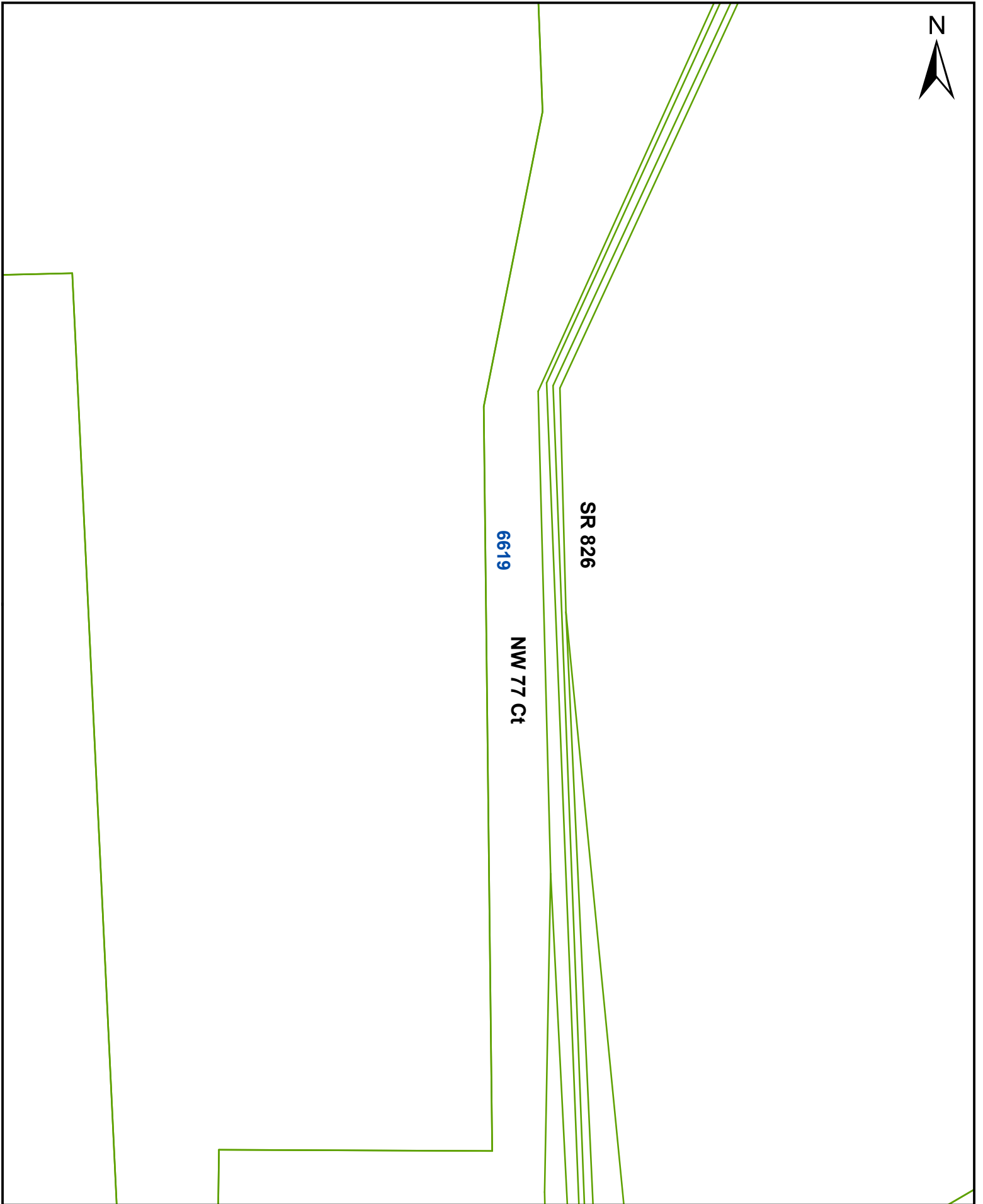
APPENDIX C

FSUTMS Volumes and Plots

2015 FSUTMS Model Volumes

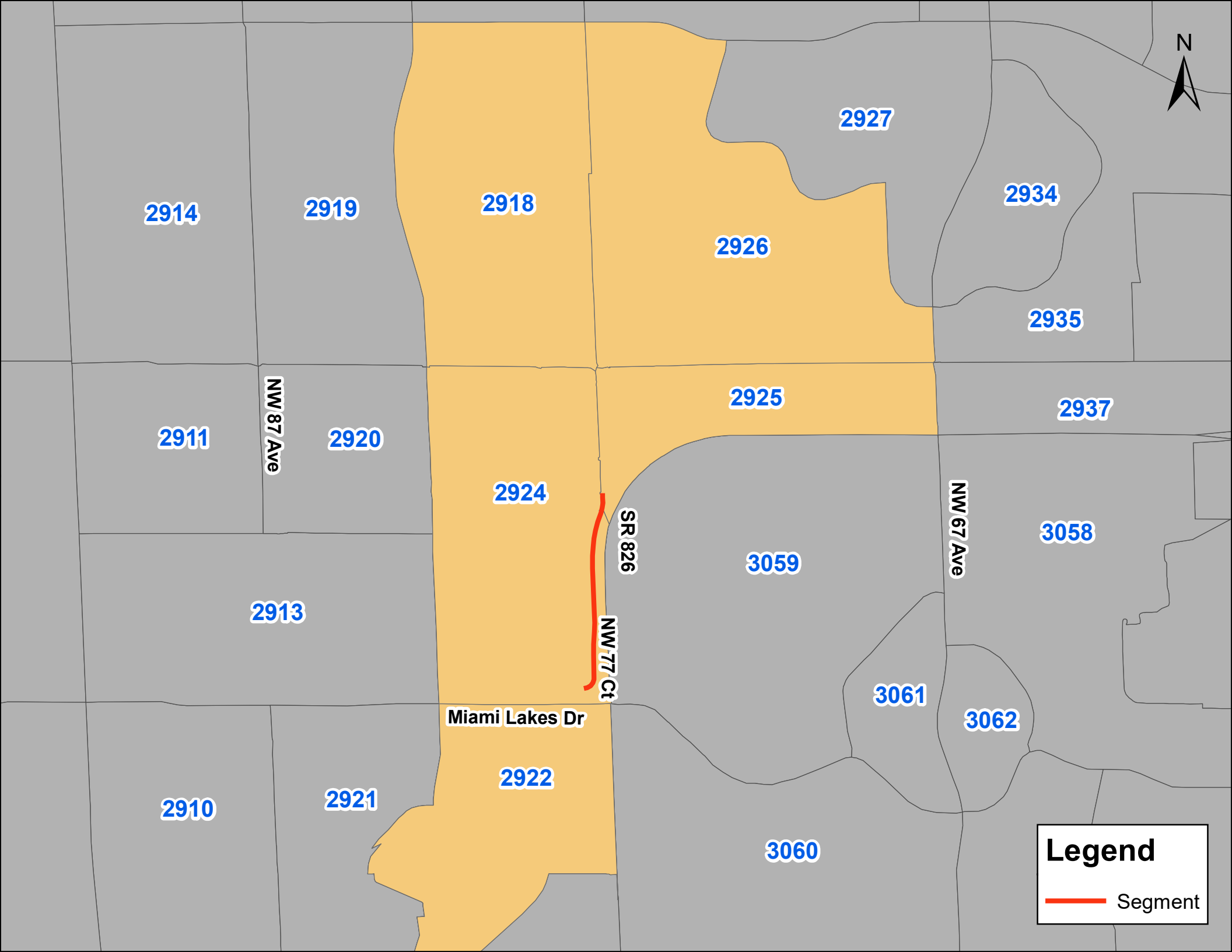


2045 FSUTMS Model Volumes



APPENDIX D

Traffic Analysis Zones



Legend

— Segment

APPENDIX E

18-Kip ESAL Calculations

18 kip EQUIVALENT SINGLE AXLE LOAD ANALYSIS

PROJECT TRAFFIC FOR PD&E and DESIGN ANALYSIS INFO / FACTORS

PIN #: 446239-1
 COUNTY: Miami-Dade
 ROADWAYID: 87260524
 PROJECT DESCRIPTION: Resurfacing(RRR)

LOCATION #: 1

LOCATION DESCRIPTION: SR 826 Frontage Rd at NW 77 Court

GROWTH RATE FORMULA

A: Interpolation
 B: Enter Growth Rate
 C: Enter All AADTs
 D: New Facility

Choose A, B, C, or D here: C

Linear Growth Rate _____ %
 Compounded Growth Rate _____ %
 Decaying Growth Rate _____ %
 (select one)

If "A" select an interpolation function
 If "B" enter rate as decimals (1%=1.01)
 If ""C", or "D" continue to next section

DESIGN INFORMATION

	AADT		Daily Direction Split (50% or 100%)
Existing Year	<u>2022</u>	<u>15103</u>	<u>50%</u>
Opening Year	<u>2026</u>	<u>15700</u>	Lanes in One Direction <u>1</u>
Mid-Design Year	<u>2036</u>	<u>17100</u>	T24 values
Design Year	<u>2046</u>	<u>18700</u>	Existing to Opening Year <u>2.74%</u>
			Opening to Mid-Year <u>2.74%</u>
			Mid-Year to Design-Year <u>2.74%</u>

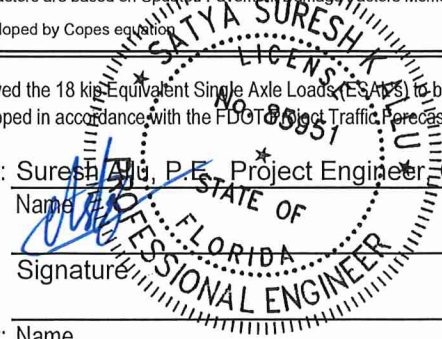
Note: AADT values have been rounded to the nearest 100

1995 EQUIVALENCY FACTORS [u(1)]

	FLEXIBLE PAVEMENT SN = 5/THICK	RIGID PAVEMENT SN = 12/THICK
(selected with an X)		
RURAL FREEWAY:	1.050	1.600
URBAN FREEWAY:	0.900	1.270
RURAL HIGHWAY:	0.960	1.350
URBAN HIGHWAY:	0.890	1.220
OTHER (Enter Factor and X):	_____	_____

(1) Equivalency Factors are based on Updated Pavement Damage Factors Memorandum, dated July 2, 1998.
 Lane Factors developed by Copes equation

I have reviewed the 18 kip Equivalent Single Axle Loads (ESALS) to be used for pavement design on this project. I hereby attest that these have been developed in accordance with the FDOT Project Traffic Forecasting Procedure using historical traffic data and other available information.

Prepared by: Suresh Ali, P.E., Project Engineer, CTS Engineering, Inc. 5/11/2022
 Name _____ Date _____
 Signature  _____

 Reviewed by: Name _____ Date 5/11/2022
 Signature _____

18 kip EQUIVALENT SINGLE AXLE LOAD ANALYSIS - LOCATION 1

PROJECT TRAFFIC FOR PD&E and DESIGN ANALYSIS INFO / FACTORS

YEARS: 2022 to 2046

SECTION #: 87260524

COUNTY: Miami-Dade

PIN #: 446239-1

FLEXIBLE PAVEMENT URBAN HIGHWAY 0.890

SN=5/THICK

Resurfacing(RRR)

C

YEAR	AADT	ESAL (1000S)	ACCUM (1000s)	D	T	LF	EF
2022	15100	68	0	0.5	2.74%	1.000	0.890
2023	15200	68	0	0.5	2.74%	1.000	0.890
2024	15400	69	0	0.5	2.74%	1.000	0.890
2025	15500	69	0	0.5	2.74%	1.000	0.890
2026	15700	70	70	0.5	2.74%	1.000	0.890
2027	15800	71	141	0.5	2.74%	1.000	0.890
2028	15900	71	212	0.5	2.74%	1.000	0.890
2029	16100	72	284	0.5	2.74%	1.000	0.890
2030	16200	73	357	0.5	2.74%	1.000	0.890
2031	16400	73	430	0.5	2.74%	1.000	0.890
2032	16500	74	504	0.5	2.74%	1.000	0.890
2033	16600	74	578	0.5	2.74%	1.000	0.890
2034	16800	75	653	0.5	2.74%	1.000	0.890
2035	16900	76	729	0.5	2.74%	1.000	0.890
2036	17100	77	806	0.5	2.74%	1.000	0.890
2037	17200	77	883	0.5	2.74%	1.000	0.890
2038	17400	78	961	0.5	2.74%	1.000	0.890
2039	17500	78	1039	0.5	2.74%	1.000	0.890
2040	17700	79	1118	0.5	2.74%	1.000	0.890
2041	17900	80	1198	0.5	2.74%	1.000	0.890
2042	18000	81	1279	0.5	2.74%	1.000	0.890
2043	18200	81	1360	0.5	2.74%	1.000	0.890
2044	18300	82	1442	0.5	2.74%	1.000	0.890
2045	18500	83	1525	0.5	2.74%	1.000	0.890
2046	18700	84	1609	0.5	2.74%	1.000	0.890

Opening to Mid-Design Year ESAL Accumulation (1000s): 736
 Opening to Design Year ESAL Accumulation (1000s): 1539

I have reviewed the 18 kip Equivalent Single Axle Loads (ESALs) to be used for pavement design on this project. I hereby attest that these have been developed in accordance with the FDOT Project Traffic Forecasting Procedure using historical traffic data and other available information.

Prepared by: Suresh Ali, P.E., Project Engineer, CTS Engineering, Inc. 5/11/2022

Name _____ Date

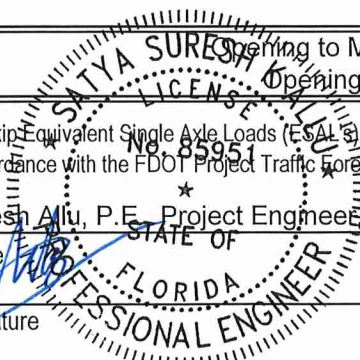
Signature _____

5/11/2022

Reviewed By: Name _____

Date

Signature _____





District	6	GPR Test Date	06/08/22
County	Miami Dade	MPSV Test Date	
Roadway Id.	gone		
Item-Seg	446239-1		
State Rd.	826Frontage	US Rd.	
Req. Milepost	0.153	to	0.746
GPR Milepost	0.094	to	0.781
MPSV Milepost		to	
		Project # of Lanes	2
		GPR # of Lanes	2
		MPSV # of Lanes	

PAVEMENT TYPE

Milepost		Lanes			
From	To	L1	R1	L2	R2
0.153	0.746				

Legend:

F = Flexible, R = Rigid, B = Composite (HMA / PCC) and W = Composite (PCC/HMA)

Notes:

RRR project.

SUMMARY STATISTICS & PLOT SETTINGS (Please use the menu in this block to modify the settings.)

Display: Statistics Plots

Thickness for HMA or PCC

Pass	Fail	
white	orange	
blue	yellow	
green	red	
Lane	Max. Value	Min. Value
	15	3

Cross Slope KML

Rut Depth

Lanes: All or L1R1 L2R2 L3R3 L4R4 L5R5 L6R6

Limits:

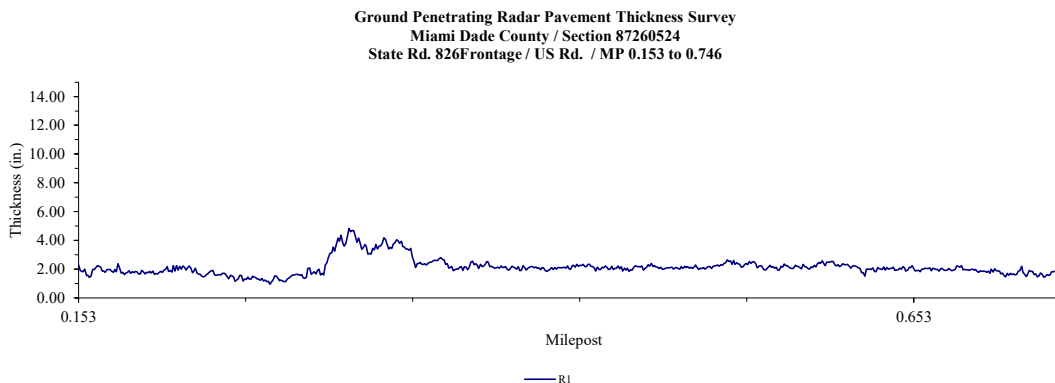
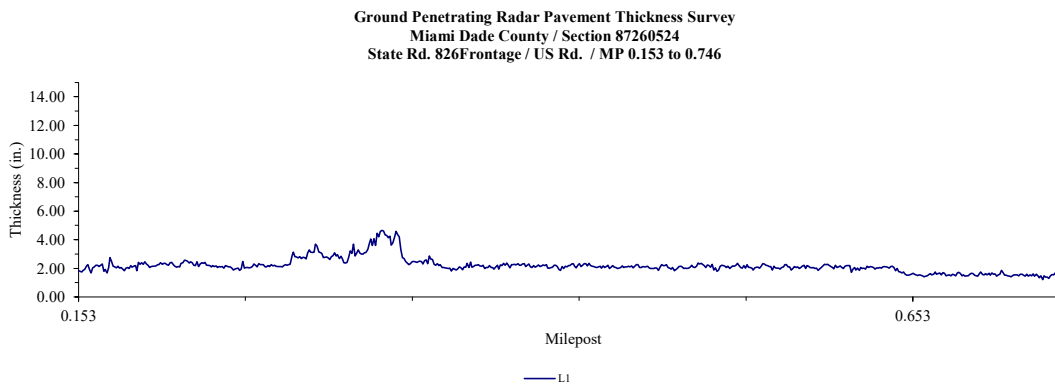
	Minimum	Maximum	Maj. Unit	Min. Unit
x	0.153	0.746	0.5	0.10
y	0.0	15.0	2.0	1.00

Initialize

SUMMARY STATISTICS

Lane #	L-Direction				R-Direction				Units:
	Average	Stdev	Max.	Min.	Average	Stdev	Max.	Min.	in.
1	2.17	0.53	4.65	1.07	2.13	0.58	4.82	0.94	

PLOTS



Ticket : 137202909 Rev:000 Taken: 05/17/22 10:17ET

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

Address :
Street : NW 77TH CT
Cross 1 : NW 165TH TER
Within 1/4 mile: Y
Cross 2 : NW 154TH ST

Locat: DESIGN TICKET ONLY R/O/W TO R/O/W ON NW 77TH CT FROM NW 154TH ST TO
NW 165TH TERR

:
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.

05/17/2022 10:17:32 AM MDWS HAS DECLARED EXTRAORDINARY CIRCUMSTANCES
*** LOOKUP BY BETWEEN ***

:
Grids : 2554A8019B 2555C8019B 2555C8019C 2555D8019B 2555D8019C

Work date: 05/17/22 Time: 10:15ET Hrs notc: 000 Category: 6 Duration: UNKNOWN
Due Date : 05/19/22 Time: 23:59ET Exp Date : 06/16/22 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 : GOAL ASSOCIATES INC Type: CONT
Co addr : 14750 NW 77TH CT
Co addr2: SUITE 320
City : MIAMI LAKES State: FL Zip: 33016
Caller : YOLANDA DUARTE Phone: 786-600-3350
Contact : NA Phone:
BestTime: 9-5
Email : YOLANDA.DUARTE@GOALASSOCIATES.COM

Submitted: 05/17/22 10:17ET Oper: YOL Chan: WEB
Mbrs : ALLIN1 CC1279 CITYGS DCPWT EVGPPL FDOT06 FGT01 FPLDAD MDWS ML1426
Mbrs : NN1882 SBF23

* Responses are current as of 05/17/2022 10:19 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	A T & T/ DISTRIBUTION SBF23	TELEPHONE	DINO FARRUGGIO (561) 683-2729	USIC DISPATCH OFFICE (CLS) (800) 778-9140	USIC DISPATCH OFFICE (CLS) (800) 778-9140	
No	BUCKEYE PIPELINE CO EVGPPL	GAS	DANIEL MANGUM (832) 541-3946	TRACI MCCLERNON (610) 904-4475	GARY WURSTER (954) 522-8464	
No	COMCAST CABLE CC1279	CATV, FIBER	RICARDO DAVIDSON (786) 586-8505		HFC HELP DESK (855) 962-8525	
No	CROWN CASTLE NG NN1882	FIBER	FIBERDIG TEAM (888) 632-0931 x2		CROWN CASTLE FIBER NOC (855) 933-4237 x1	
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 CITY GAS CITYGS	NATURAL GAS	GUSTAVO PENA (305) 835-3624		KELLIE DUNLAP (305) 298-7360	
No	FLORIDA DEPARTMENT OF TRANSPORTATION VI ITS FDOT06	FIBER	THOMAS MILLER (305) 470-5757 x7352	IT ADMIN (305) 470-5757 x7340	ANTONIO VALLADARES (561) 703-1113	
No	FLORIDA GAS TRANSMISSION FGT01	GAS	JOSEPH E. SANCHEZ (407) 838-7171	LORENZO MENEDEZ (954) 214-5446	MOLLY CARRIERE (713) 989-7079	
No	FLORIDA POWER & LIGHT--DADE FPLDAD	ELECTRIC	EDGAR AGUILAR (386) 586-6403		USIC DISPATCH CENTER (800) 778-9140	
Yes	MIAMI-DADE WATER SEWER, WATER & SEWER MDWS		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	TOWN OF MIAMI LAKES ML1426	IRRIGATION, STREET LIGHTS		LUIS SANCHEZ (305) 364-6100	LUIS SANCHEZ (305) 364-6100	
No	SSOCOF TEST CODE - DO NOT READ TO CALLER ALLIN1 * Test/In-House	SSOCOF TEST CODE				Call Center Test Destination - The member code affiliated with this code is a test code - please disregard this response

F. Plans from Adjacent Projects

- F-1. FPID 430821-3-52-01
- F-2. FPID 435760-1-52-01

COMPONENTS OF CONTRACT PLANS SET

ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS

**STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION**

CONTRACT PLANS

FINANCIAL PROJECT ID 430821-3-52-01
(FEDERAL FUNDS)
MIAMI-DADE COUNTY (87260)

STATE ROAD NO. 826 / FRONTAGE ROADS

NW 77TH COURT FROM NW 82ND AVENUE TO NW 154TH STREET

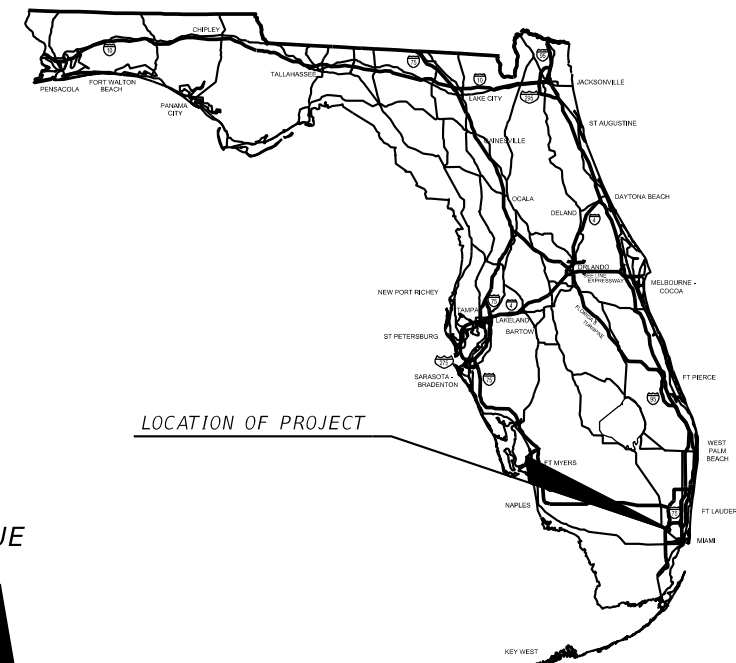
NW 77TH AVENUE / NW 167TH STREET FROM NW 154TH STREET TO NW 67TH AVENUE

NW 167TH STREET FROM NW 67TH AVENUE TO NW 57TH AVENUE (WESTBOUND)

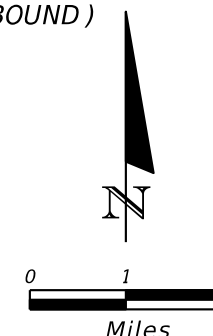
A DETAILED INDEX APPEARS ON THE
KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SUMMARY OF PAY ITEMS
3 - 5	TYPICAL SECTIONS
6 - 7	SUMMARY OF QUANTITIES
8	GENERAL NOTES
9 - 45	ROADWAY PLAN
46	TRAFFIC CONTROL PLAN NOTES
47 - 49	TRAFFIC CONTROL PLAN
50	TRAFFIC CONTROL PLAN GUIDE SIGN WORK SHEET
CTL-1 THRU CTL-5	PROJECT NETWORK CONTROL



LOCATION OF PROJECT



BEGIN @ BLNW167
NW 77TH AVENUE / NW 167TH STREET
STA. 608+90.12
MP 17.031

END @ 101
NW 77TH COURT
STA. 165+26.00
MP 16.634

BEGIN PROJECT
@ 101 - NW 77TH COURT
STA. 101+39.25
MP 15.424

END PROJECT
@ NW167 - WB NW 167TH STREET
STA 746+19.30
MP 18.024

BEGIN @ NW167
WB NW 167TH STREET
STA. 694+08.30
MP 17.037

END @ BLNW167
NW 77TH AVENUE / NW 167TH STREET
STA. 693+13.46
MP 18.018

ROADWAY SHOP DRAWINGS
TO BE SUBMITTED TO:
ALFREDO LEON, P.E.
FLORIDA DEPARTMENT OF TRANSPORTATION
1000 NW 111th AVENUE
MIAMI, FL 33172
(305) 470-5254

PLANS PREPARED BY:
FLORIDA DEPARTMENT OF TRANSPORTATION
DISTRICT SIX OFFICE
1000 NW 111th AVENUE
MIAMI, FL 33172
(305) 470-5497

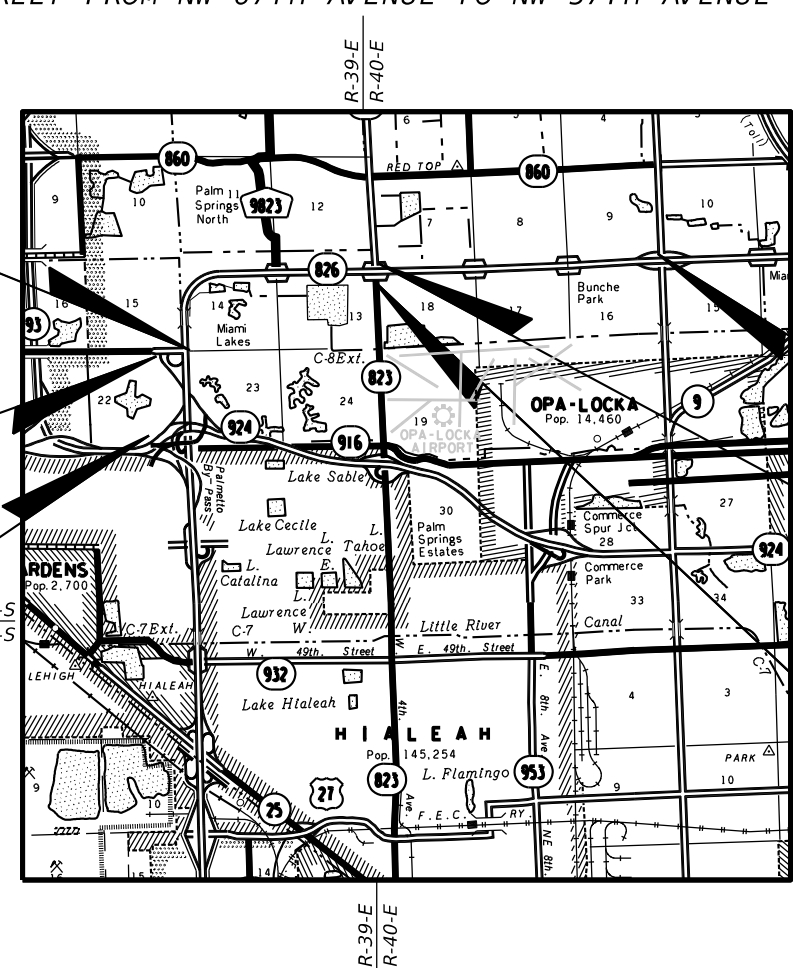
NOTE: THE SCALE OF THESE PLANS MAY
HAVE CHANGED DUE TO REPRODUCTION.

GOVERNING STANDARDS AND SPECIFICATIONS:

Florida Department of Transportation, 2014 Design Standards and revised Index Drawings as appended herein, and 2014 Standard Specifications for Road and Bridge Construction, as amended by Contract Documents.

For Design Standards click on the "Design Standards" link at the following web site:
<http://www.dot.state.fl.us/rrdesign/>

For the Standard Specifications for Road and Bridge Construction click "Specifications" link at the following web site:
<http://www.dot.state.fl.us/specificationsoffice/>



PROJECT LENGTH IS BASED ON @ SURVEY

**PHASE IV SUBMITTAL
DATE: 01/06/14**

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	19,929.59	3.775
BRIDGES	91.50	0.017
NET LENGTH OF PROJECT	20,021.09	3.792
EXCEPTIONS		
GROSS LENGTH OF PROJECT	20,021.09	3.792

KEY SHEET REVISIONS	
DATE	DESCRIPTION

ROADWAY PLANS
ENGINEER OF RECORD: HEIDI SOLAUN-DOMINGUEZ, P.E.

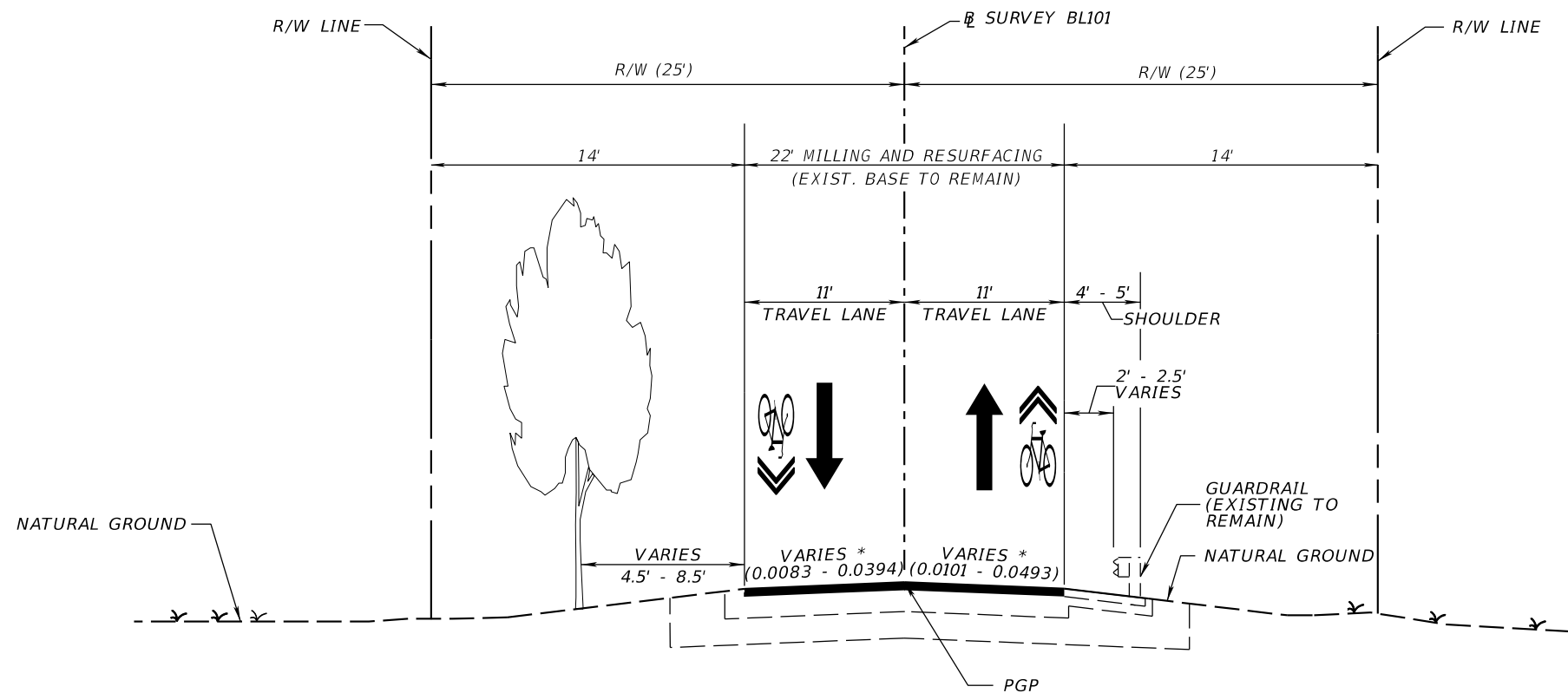
P.E. NO.: 59507

FDOT PROJECT MANAGER: HEIDI SOLAUN-DOMINGUEZ, P.E.

ROADWAY PROJECT ENGINEER: FELIX HERNANDEZ, E.I.

FISCAL YEAR	SHEET NO.
15	1

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



TYPICAL SECTION 1
 SR 826 FRONTAGE ROAD
 NW 77TH COURT
 (FROM NW 82ND AVE TO NW 154TH ST)
 STA. 101+39.25 TO STA. 165+26.00

TRAFFIC DATA	
CURRENT YEAR	= 2013 AADT = 7,400
ESTIMATED OPENING YEAR	= 2015 AADT = 7,700
ESTIMATED DESIGN YEAR	= 2035 AADT = 11,900
K	= 8.98%
D	= 54.08%
T	= 5.7% (24 HOUR)
DESIGN HOUR T	= 2.85%
DESIGN SPEED	= 30 MPH
POSTED SPEED	= 30 MPH

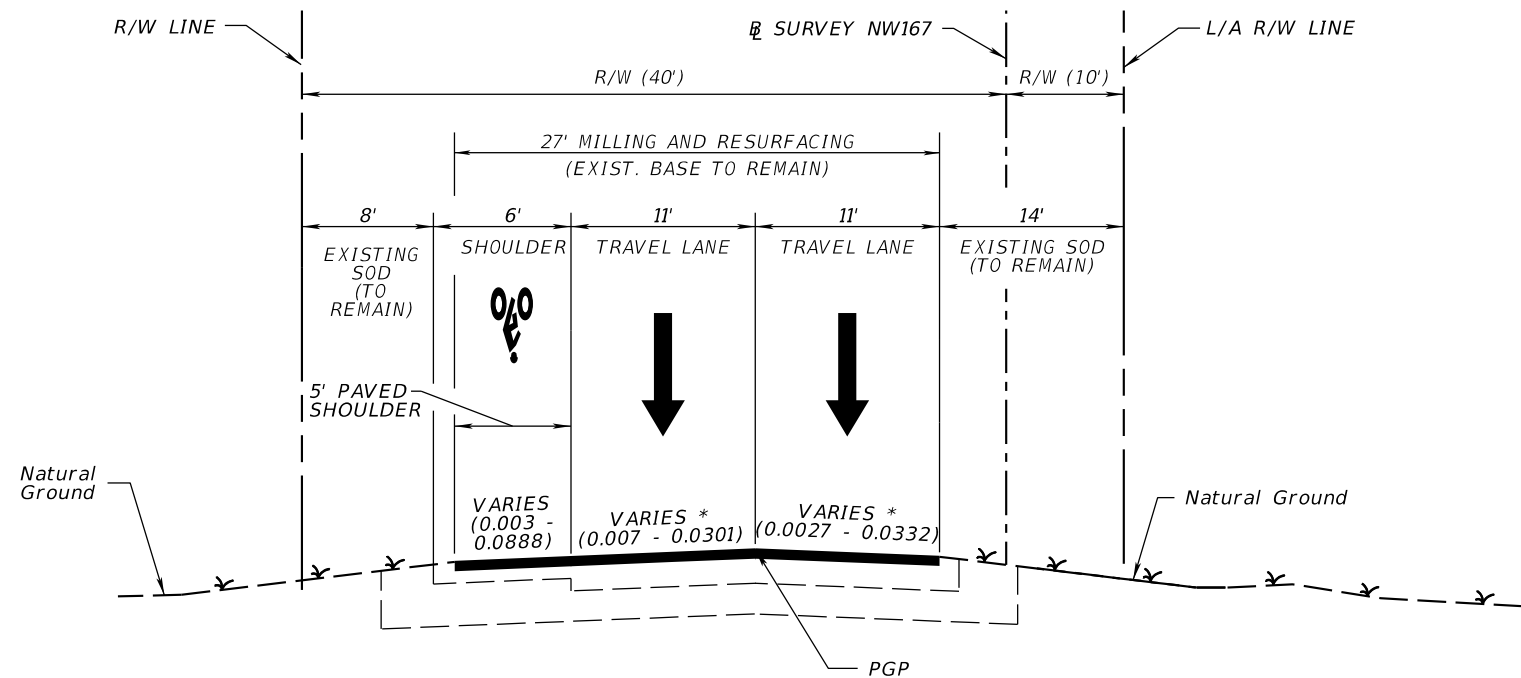
MILLING
 MILL EXISTING ASPHALT PAVEMENT (1" AVG. DEPTH) (UNIFORM)

RESURFACING
 FRICTION COURSE FC-9.5 (TLB) (1") (PG 76-22, PMA)

* MATCH EXISTING CROSS SLOPES VALUES SHOWN.
 ** CROSS SECTION REFLECTS TANGENT SLOPES
 SUPERELEVATION RANGES FROM 0.02 TO 0.07.

REVISIONS				FDOT DISTRICT SIX HEIDI SOLAUN-DOMINGUEZ, P.E. 1000 N.W. 111TH AVENUE MIAMI, FLORIDA 33172 P.E. NO. 59507	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION	SHEET NO. 3
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					826	MIAMI-DADE	430821-3-52-01		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



TYPICAL SECTION
 SR 826 FRONTAGE ROAD
 NW 167TH STREET WESTBOUND
 (FROM NW 67TH AVE TO NW 57TH AVE)
 STA. 694+08.30 TO STA. 746+19.30

TRAFFIC DATA

CURRENT YEAR = 2013 AADT = 7,200
 ESTIMATED OPENING YEAR = 2015 AADT = 7,300
 ESTIMATED DESIGN YEAR = 2035 AADT = 8,100
 K = 7.59% D = 100% T = 3% (24 HOUR)
 DESIGN HOUR T = 1.5%
 DESIGN SPEED = 45 MPH
 POSTED SPEED = 40 MPH

MILLING

MILL EXISTING ASPHALT PAVEMENT (1" AVG. DEPTH) (UNIFORM)

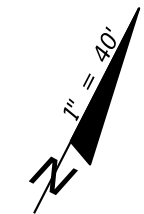
RESURFACING

FRICTION COURSE FC-9.5 (TLB) (1") (PG 76-22, PMA)

* MATCH EXISTING CROSS SLOPES VALUES SHOWN.




REVISIONS				 FDOT DISTRICT SIX HEIDI SOLAUN-DOMINGUEZ, P.E. 1000 N.W. 111TH AVENUE MIAMI, FLORIDA 33172 P.E. NO. 59507	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 5
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				826	MIAMI-DADE	430821-3-52-01		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



CURVE 03
 PI Sta. = 103+13.47
 Delta = 42° 35' 1"
 D = 7° 7' 24"
 T = 313.47'
 L = 597.81'
 R = 804.35'
 PC Sta. = 100+00.00
 PT Sta. = 105+97.81
 e = 0.053

**BEGIN PROJECT
 BEGIN MILLING AND
 RESURFACING
 NW 77TH COURT
 FPID 430821-3-52-01
 STA. 101+39.24**

- LEGEND**
-  LIMITS OF MILLING AND RESURFACING
 -  DENOTES AREAS OF PROPOSED SIDEWALK
(MATCH EXIST. RADIAL ELEV. UNLESS OTHERWISE NOTED)
 -  WASD WATER VALVES COVER TO BE ADJUSTED BY CONTRACTOR

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

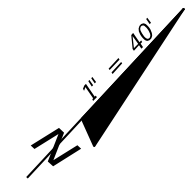
 **FDOT DISTRICT SIX**
 HEIDI SOLAUN-DOMINGUEZ
 1000 N.W. 111TH AVENUE
 MIAMI, FLORIDA 33172
 P.E. NO. 59507

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
826	MIAMI-DADE	430821-3-52-01

ROADWAY PLAN

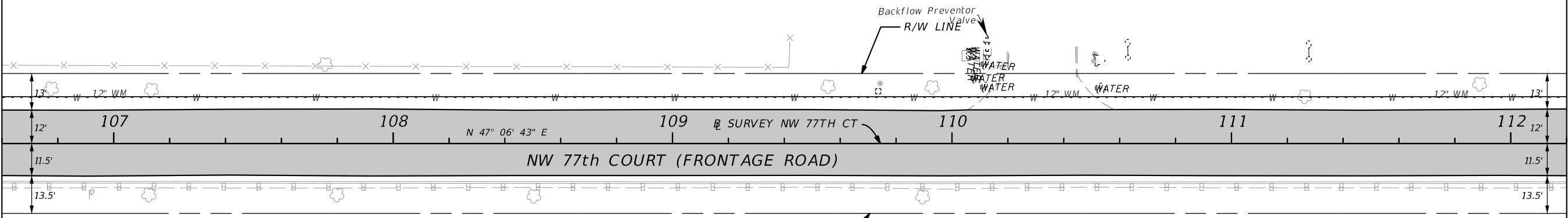
SHEET
NO.
9

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MATCH LINE STA. 106+60.00

MATCH LINE STA. 112+20.00



LEGEND



LIMITS OF MILLING AND RESURFACING

R/W LINE

R/W LINE

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



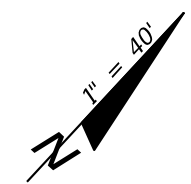
FDOT DISTRICT SIX
 HEIDI SOLAUN-DOMINGUEZ
 1000 N.W. 111TH AVENUE
 MIAMI, FLORIDA 33172
 P.E. NO. 59507

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
826	MIAMI-DADE	430821-3-52-01

ROADWAY PLAN

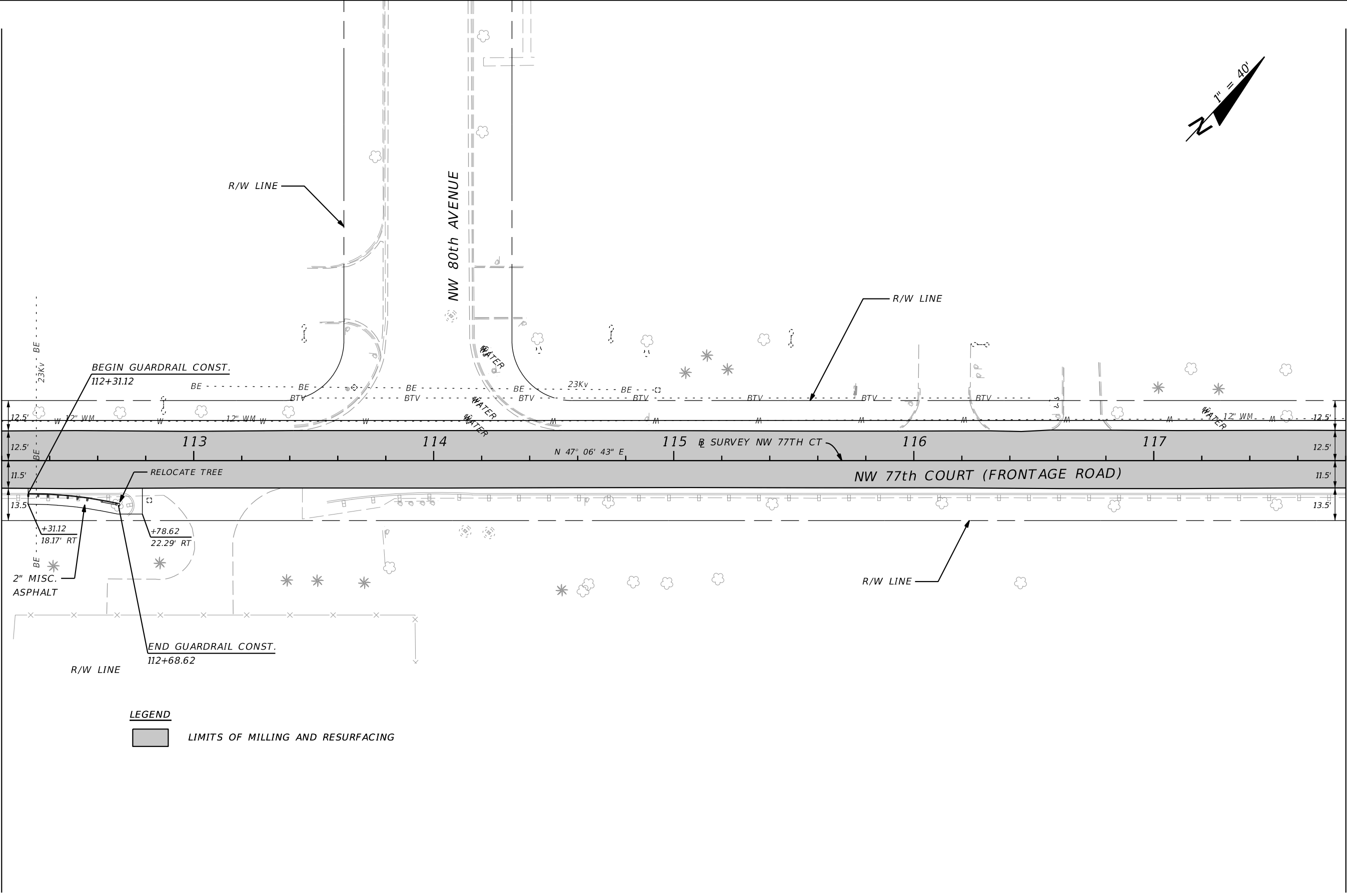
SHEET NO.
10

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



MATCH LINE STA. 112+20.00

MATCH LINE STA. 117+80.00



LEGEND
 LIMITS OF MILLING AND RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

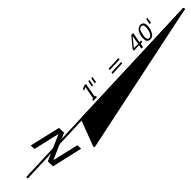

 FDOT DISTRICT SIX
 HEIDI SOLAUN-DOMINGUEZ
 1000 N.W. 111TH AVENUE
 MIAMI, FLORIDA 33172
 P.E. NO. 59507

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
826	MIAMI-DADE	430821-3-52-01

ROADWAY PLAN

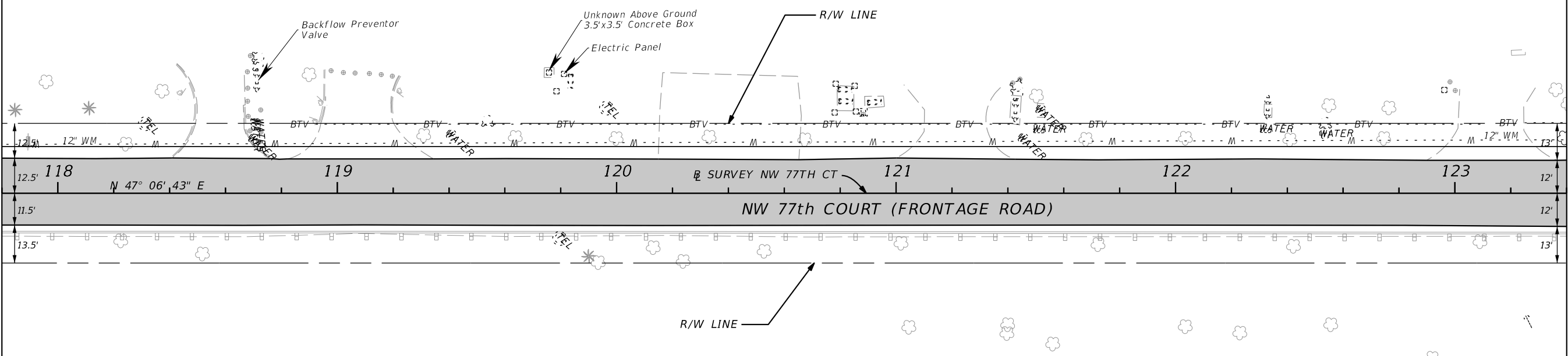
SHEET NO.
11

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



MATCH LINE STA. 117+80.00

MATCH LINE STA. 123+40.00



LEGEND
 LIMITS OF MILLING AND RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

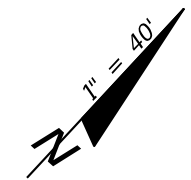
FDOT DISTRICT SIX
 HEIDI SOLAUN-DOMINGUEZ
 1000 N.W. 111TH AVENUE
 MIAMI, FLORIDA 33172
 P.E. NO. 59507

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
826	MIAMI-DADE	430821-3-52-01

ROADWAY PLAN

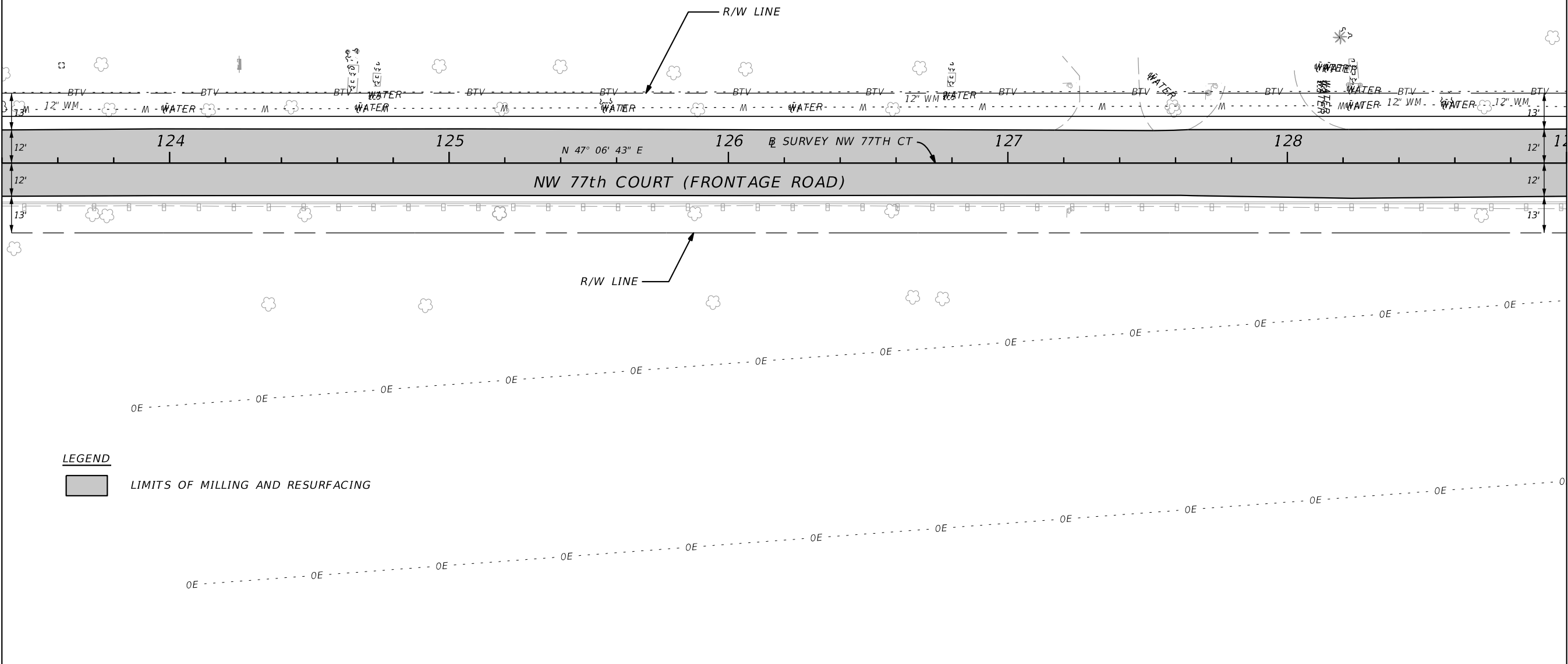
SHEET NO.
12

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



MATCH LINE STA. 123+40.00

MATCH LINE STA. 129+00.00



LEGEND



LIMITS OF MILLING AND RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



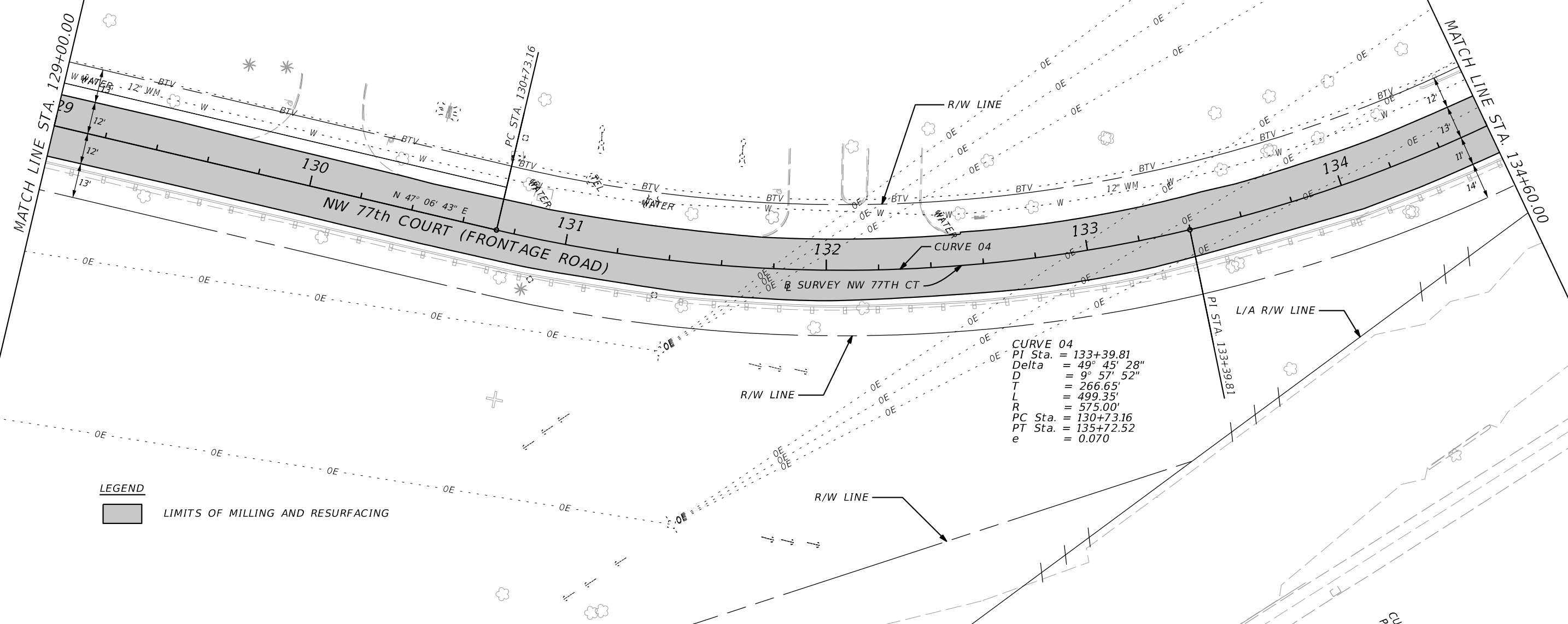
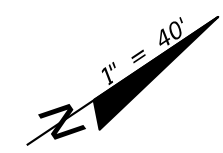
FDOT DISTRICT SIX
 HEIDI SOLAUN-DOMINGUEZ
 1000 N.W. 111TH AVENUE
 MIAMI, FLORIDA 33172
 P.E. NO. 59507

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
826	MIAMI-DADE	430821-3-52-01

ROADWAY PLAN

SHEET NO. 13

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



CURVE 04
 PI Sta. = 133+39.81
 Delta = 49° 45' 28"
 D = 9° 57' 52"
 T = 266.65'
 L = 499.35'
 R = 575.00'
 PC Sta. = 130+73.16
 PT Sta. = 135+72.52
 e = 0.070

LEGEND
 LIMITS OF MILLING AND RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

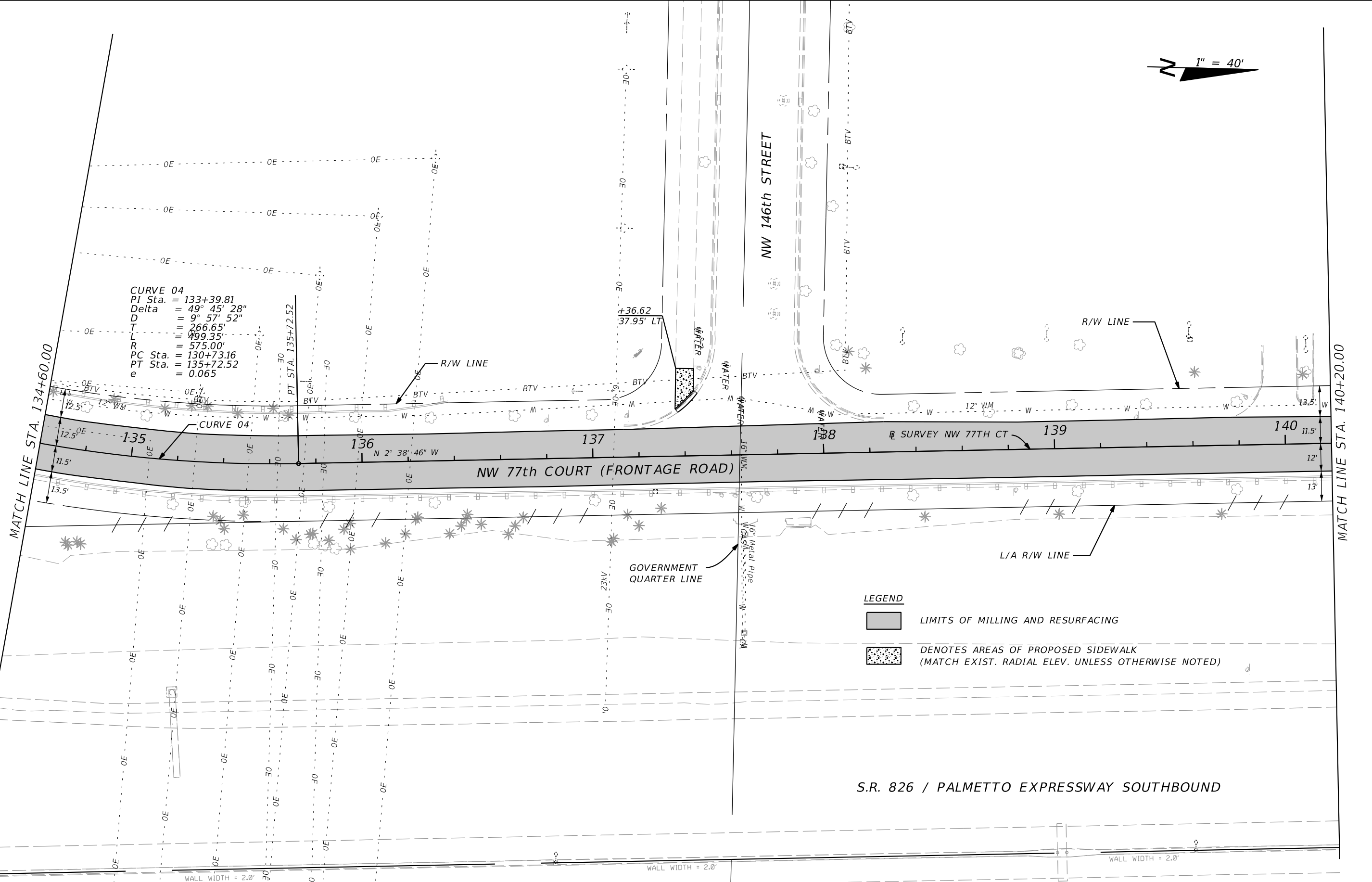
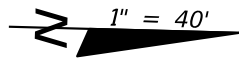
FDOT DISTRICT SIX
 HEIDI SOLAUN-DOMINGUEZ
 1000 N.W. 111TH AVENUE
 MIAMI, FLORIDA 33172
 P.E. NO. 59507

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
826	MIAMI-DADE	430821-3-52-01

ROADWAY PLAN

SHEET NO.
 14

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

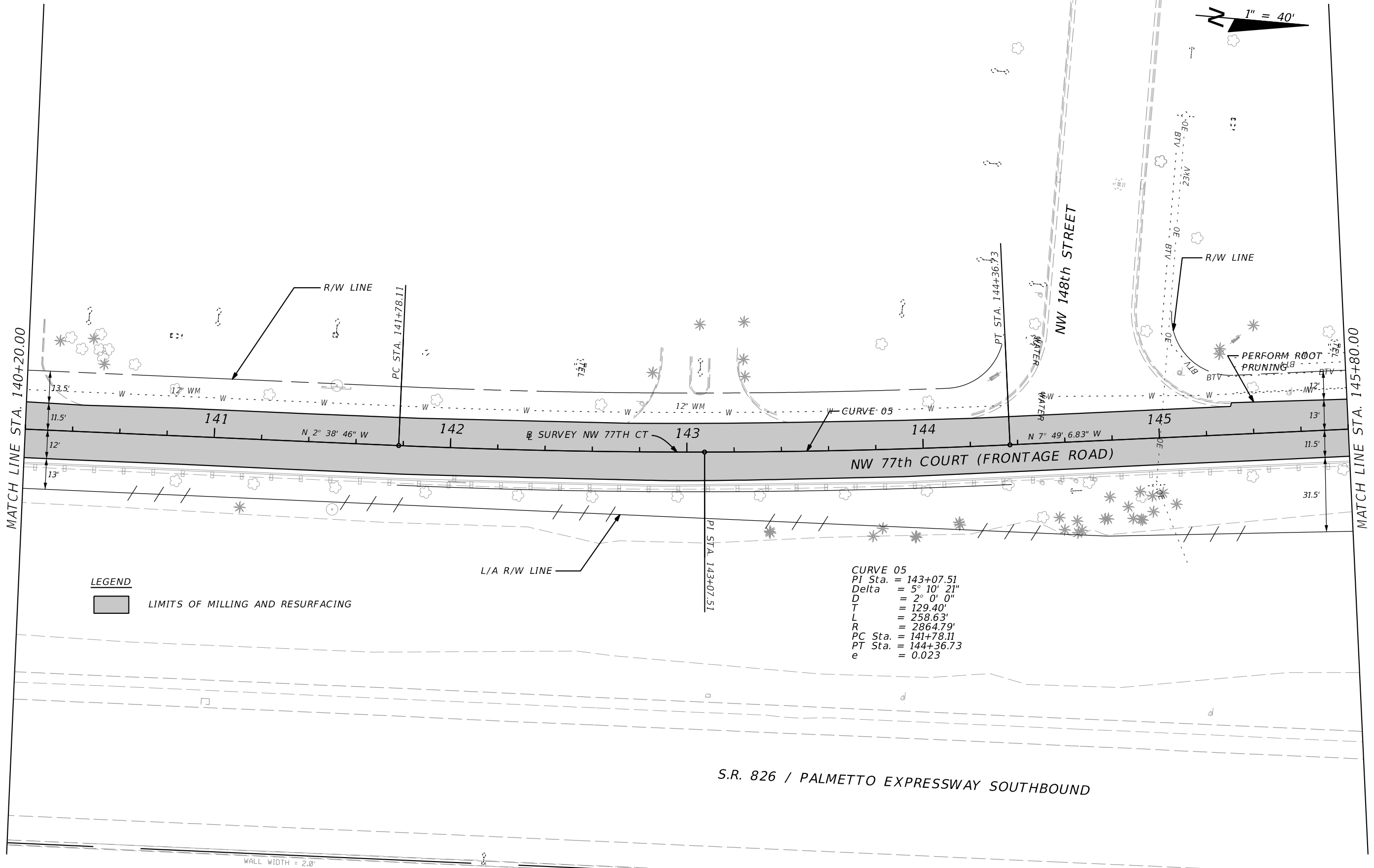
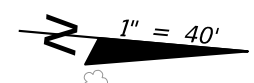

 FDOT DISTRICT SIX
 HEIDI SOLAUN-DOMINGUEZ
 1000 N.W. 111TH AVENUE
 MIAMI, FLORIDA 33172
 P.E. NO. 59507


STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
826	MIAMI-DADE	430821-3-52-01

ROADWAY PLAN

SHEET NO.
15

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LEGEND
 LIMITS OF MILLING AND RESURFACING

CURVE 05
 PI Sta. = 143+07.51
 Delta = 5° 10' 21"
 D = 2° 0' 0"
 T = 129.40'
 L = 258.63'
 R = 2864.79'
 PC Sta. = 141+78.11
 PT Sta. = 144+36.73
 e = 0.023

S.R. 826 / PALMETTO EXPRESSWAY SOUTHBOUND

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

 FDOT DISTRICT SIX
 HEIDI SOLAUN-DOMINGUEZ
 1000 N.W. 111TH AVENUE
 MIAMI, FLORIDA 33172
 P.E. NO. 59507

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
826	MIAMI-DADE	430821-3-52-01

ROADWAY PLAN

SHEET NO.
16

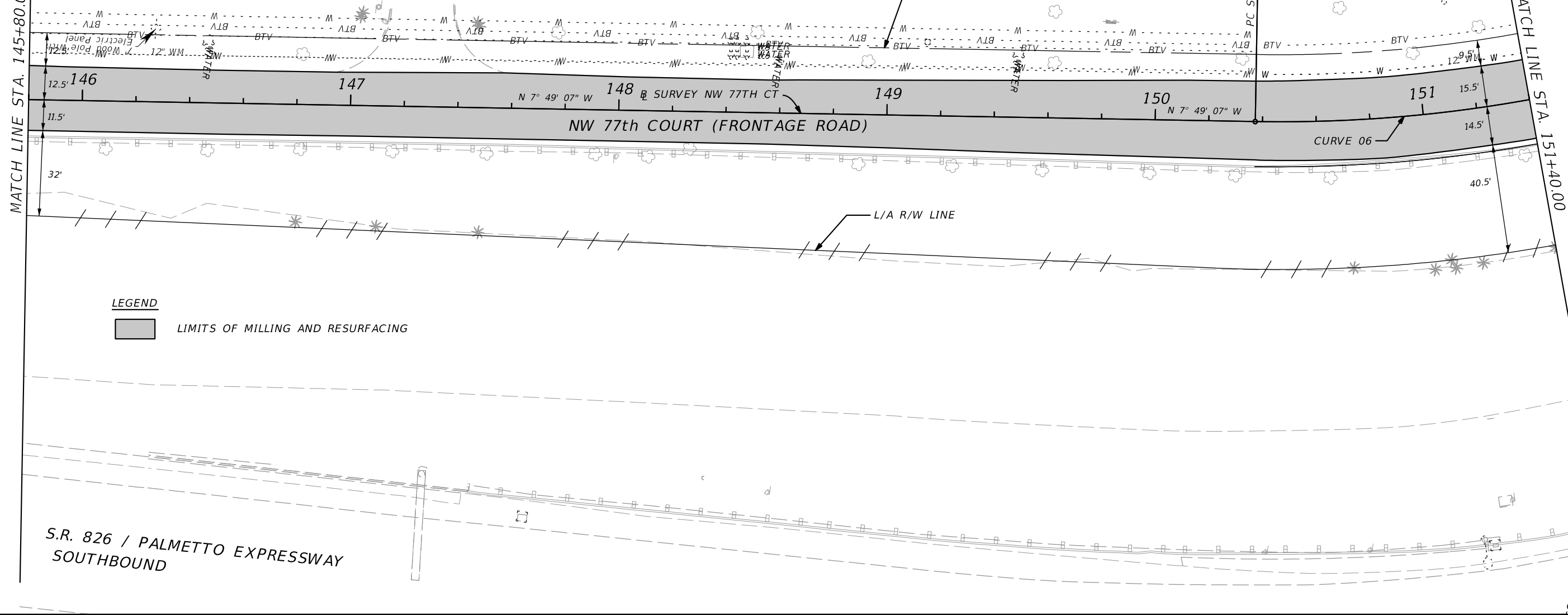
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

1" = 40'

CURVE 06
 PI Sta. = 151+91.44
 Delta = 32° 43' 41"
 D = 10° 54' 49"
 T = 154.16'
 L = 299.89'
 R = 525.00'
 PC Sta. = 150+37.28
 PT Sta. = 153+37.17
 e = 0.076

MATCH LINE STA. 145+80.00

MATCH LINE STA. 151+40.00



LEGEND
 [Shaded Box] LIMITS OF MILLING AND RESURFACING

S.R. 826 / PALMETTO EXPRESSWAY
 SOUTHBOUND

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

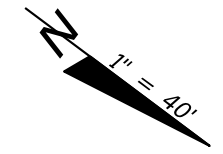

 FDOT DISTRICT SIX
 HEIDI SOLAUN-DOMINGUEZ
 1000 N.W. 111TH AVENUE
 MIAMI, FLORIDA 33172
 P.E. NO. 59507

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
826	MIAMI-DADE	430821-3-52-01

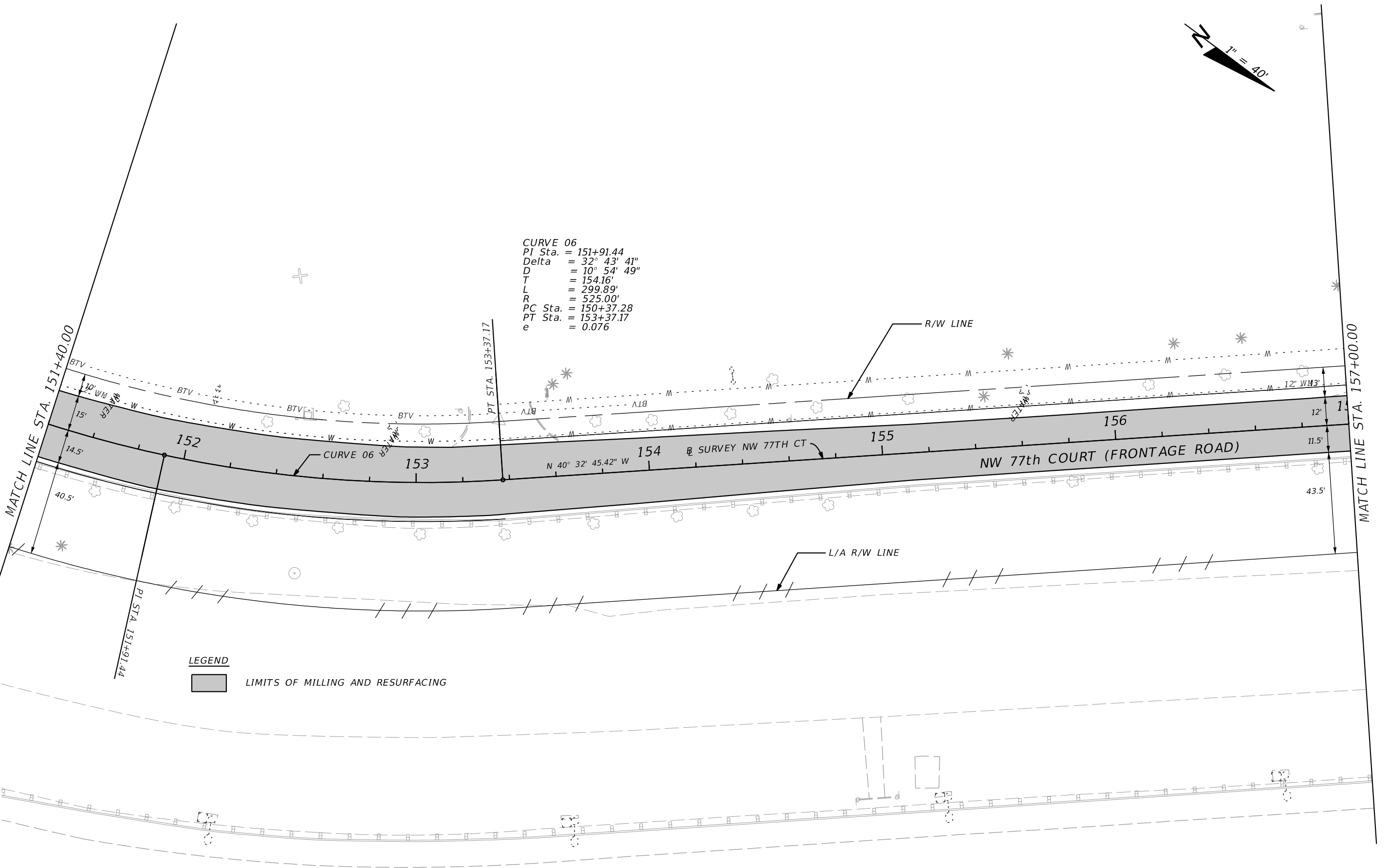
ROADWAY PLAN

SHEET NO.
17

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



CURVE 06
 PI Sta. = 151+91.44
 Delta = 32° 43' 41"
 D = 10° 54' 49"
 T = 154.16'
 L = 299.89'
 R = 525.00'
 PC Sta. = 150+37.28
 PT Sta. = 153+37.17
 e = 0.076



LEGEND

 LIMITS OF MILLING AND RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



FDOT DISTRICT SIX
 HEIDI SOLAUN-DOMINGUEZ
 1000 N.W. 111TH AVENUE
 MIAMI, FLORIDA 33172
 P.E. NO. 59507

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

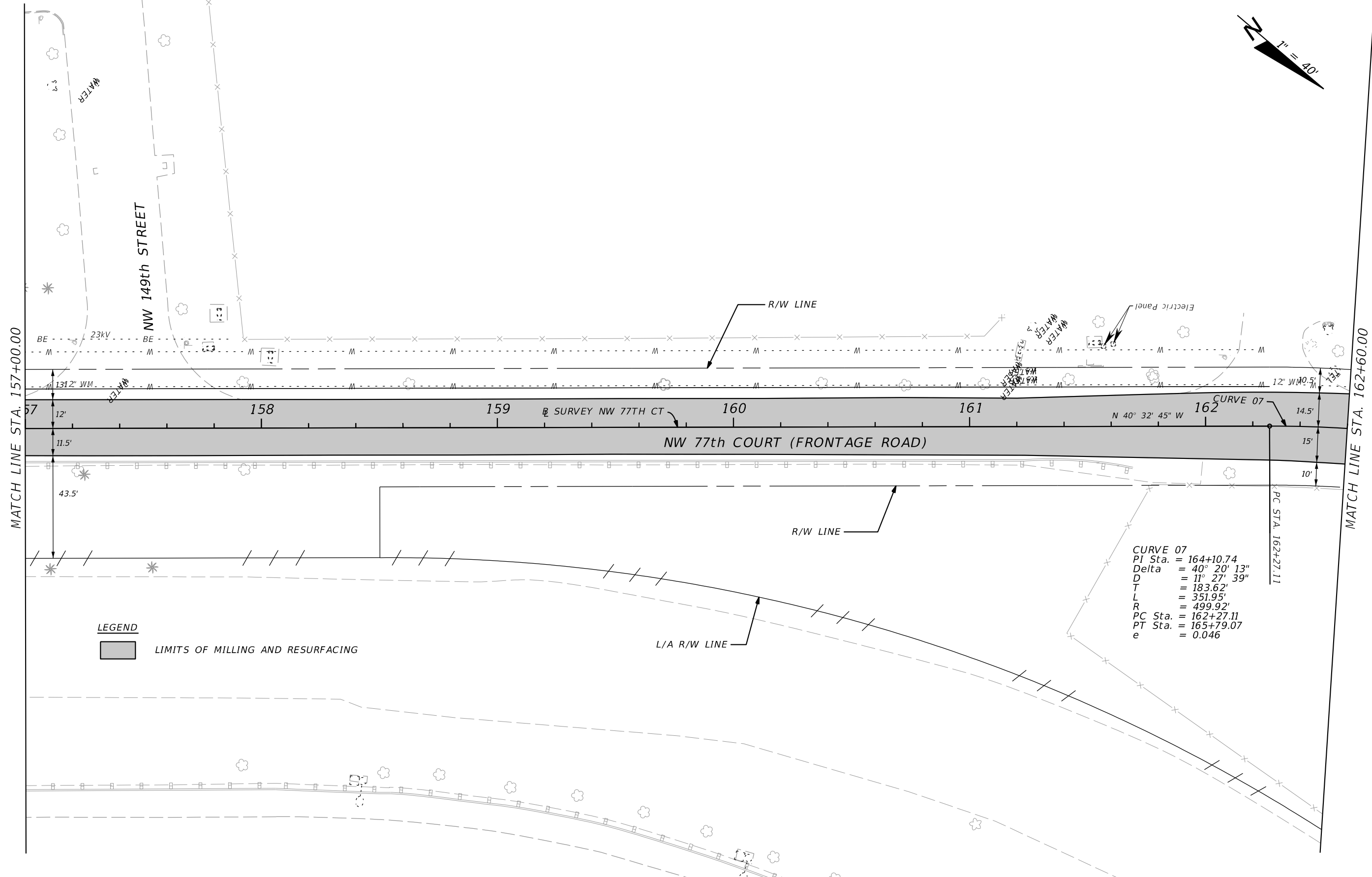
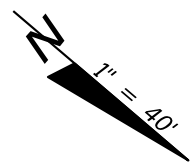
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
826	MIAMI-DADE	430821-3-52-01

ROADWAY PLAN


SHEET NO.

18

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



CURVE 07
 PI Sta. = 164+10.74
 Delta = 40° 20' 13"
 D = 11° 27' 39"
 T = 183.62'
 L = 351.95'
 R = 499.92'
 PC Sta. = 162+27.11
 PT Sta. = 165+79.07
 e = 0.046

LEGEND
 LIMITS OF MILLING AND RESURFACING

MATCH LINE STA. 157+00.00

MATCH LINE STA. 162+60.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION


 FDOT DISTRICT SIX
 HEIDI SOLAUN-DOMINGUEZ
 1000 N.W. 111TH AVENUE
 MIAMI, FLORIDA 33172
 P.E. NO. 59507

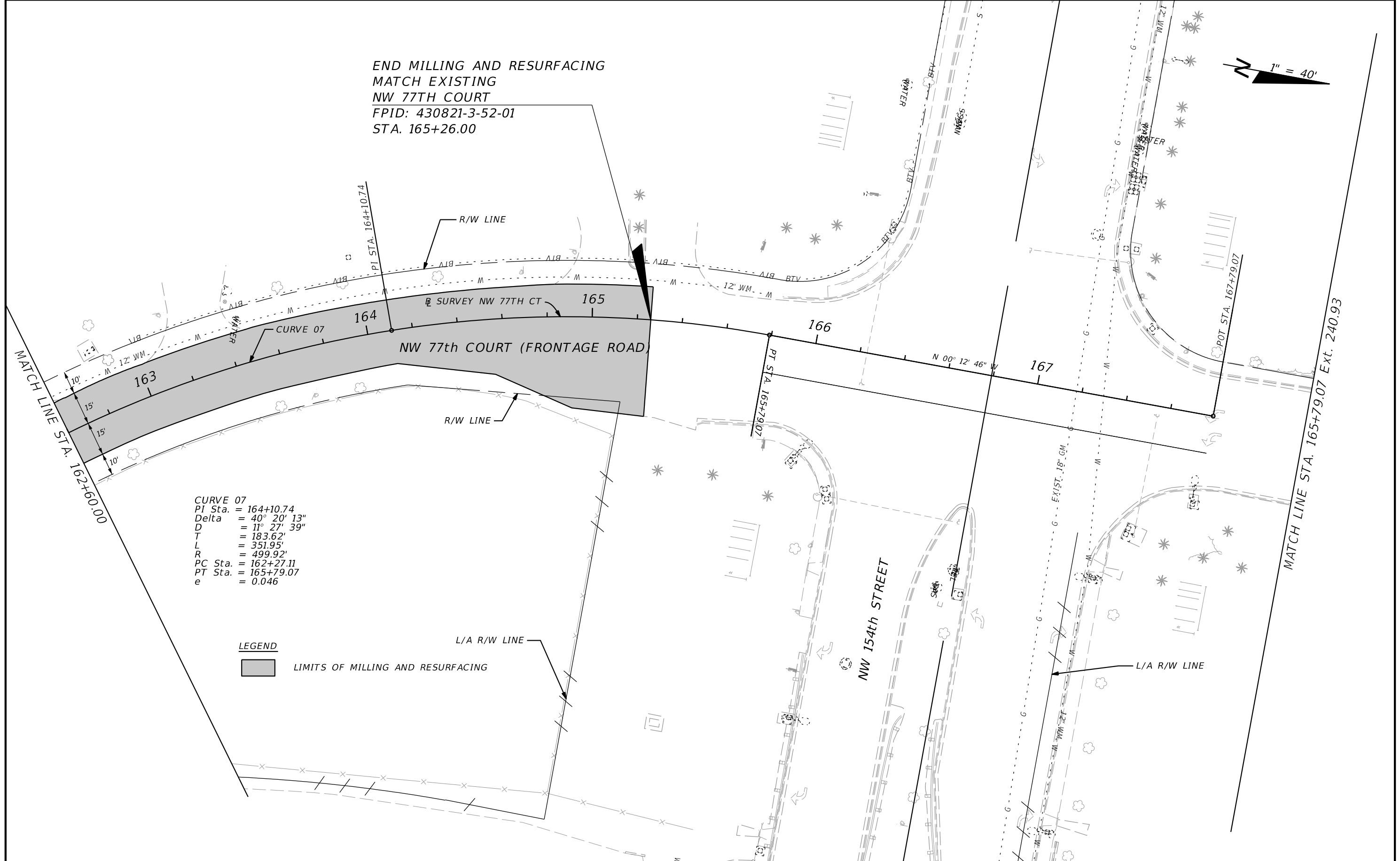
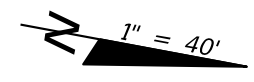
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
826	MIAMI-DADE	430821-3-52-01

ROADWAY PLAN

SHEET NO.
19

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

END MILLING AND RESURFACING
 MATCH EXISTING
 NW 77TH COURT
 FPID: 430821-3-52-01
 STA. 165+26.00



CURVE 07
 PI Sta. = 164+10.74
 Delta = 40° 20' 13"
 D = 11° 27' 39"
 T = 183.62'
 L = 351.95'
 R = 499.92'
 PC Sta. = 162+27.11
 PT Sta. = 165+79.07
 e = 0.046

LEGEND

 LIMITS OF MILLING AND RESURFACING

L/A R/W LINE

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



FDOT DISTRICT SIX
 HEIDI SOLAUN-DOMINGUEZ
 1000 N.W. 111TH AVENUE
 MIAMI, FLORIDA 33172
 P.E. NO. 59507

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
826	MIAMI-DADE	430821-3-52-01

ROADWAY PLAN

SHEET NO.
20

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

1" = 40'

S.R. 826 / PALMETTO EXPRESSWAY SOUTHBOUND

S.R. 826 / PALMETTO EXPRESSWAY NORTHBOUND

GOVERNMENT SECTION LINE

GOVERNMENT SECTION LINE

POT STA. 699+809

Sta 608+46.64 BK =

Sta 608+46.69 AH =

NW 154th STREET

L/A R/W LINE

SURVEY NW 77TH AVE




NW 77th AVENUE (FRONTAGE ROAD)

MATCH LINE STA. 613+60.00

BEGIN PROP. 5' PAVED
SHLDR. WIDENING
STA. 609+35.91

BEGIN MILLING AND RESURFACING
MATCH EXISTING
NW 77TH AVE / EB NW 167TH ST
FPID: 430821-3-52-01
STA. 608+90.12

LEGEND

-  LIMITS OF MILLING AND RESURFACING
-  PROPOSED 5' SHOULDER
-  WASD WATER VALVES COVER TO BE ADJUSTED BY CONTRACTOR

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION


 FDOT DISTRICT SIX
 HEIDI SOLAUN-DOMINGUEZ
 1000 N.W. 111TH AVENUE
 MIAMI, FLORIDA 33172
 P.E. NO. 59507

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
826	MIAMI-DADE	430821-3-52-01

ROADWAY PLAN

SHEET NO.
21

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

MATCH LINE STA. 613+60.00

MATCH LINE STA. 619+20.00

S.R. 826 / PALMETTO EXPRESSWAY SOUTHBOUND

GOVERNMENT SECTION LINE

S.R. 826 / PALMETTO EXPRESSWAY NORTHBOUND

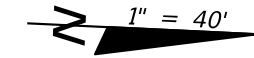
L/A R/W LINE

SURVEY NW 77TH AVE

N 2° 40' 47" W

NW 77th AVENUE (FRONTAGE ROAD)

R/W LINE



LEGEND



LIMITS OF MILLING AND RESURFACING



PROPOSED 5' SHOULDER

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



FDOT DISTRICT SIX
HEIDI SOLAUN-DOMINGUEZ
1000 N.W. 111TH AVENUE
MIAMI, FLORIDA 33172
P.E. NO. 59507

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
826	MIAMI-DADE	430821-3-52-01

ROADWAY PLAN	
22	

SHEET NO.
22

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

1" = 40'

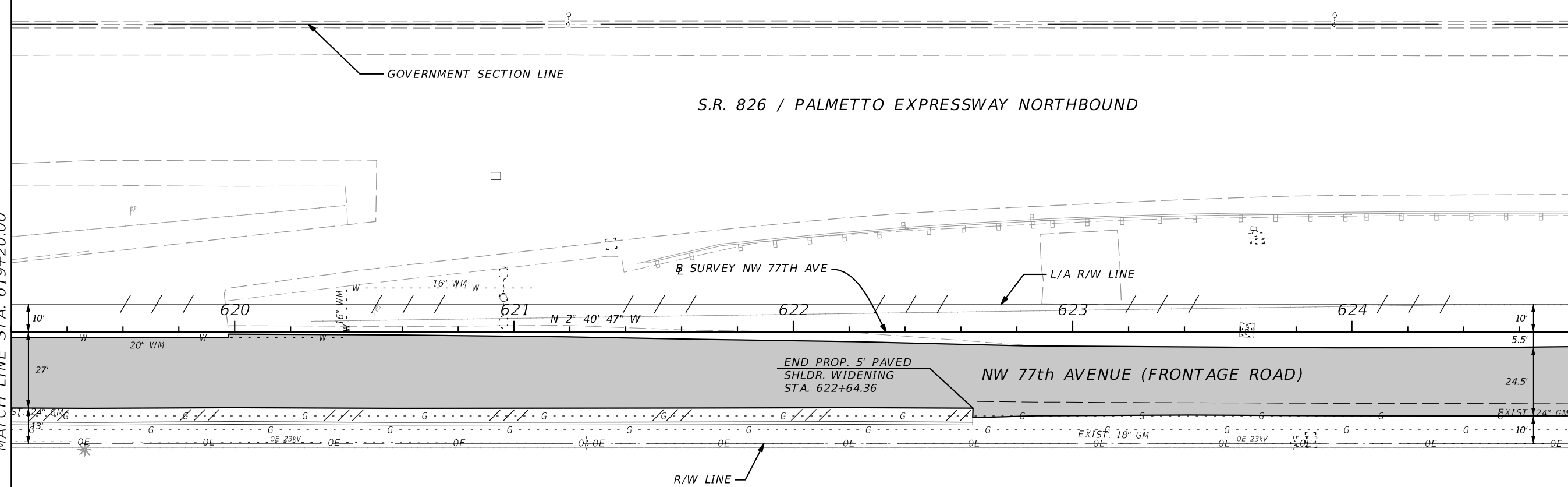
S.R. 826 / PALMETTO EXPRESSWAY SOUTHBOUND

GOVERNMENT SECTION LINE



S.R. 826 / PALMETTO EXPRESSWAY NORTHBOUND

MATCH LINE STA. 619+20.00

MATCH LINE STA. 624+80.00



LEGEND

	LIMITS OF MILLING AND RESURFACING
	PROPOSED 5' SHOULDER

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

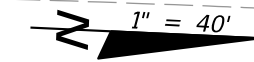

 FDOT DISTRICT SIX
 HEIDI SOLAUN-DOMINGUEZ
 1000 N.W. 111TH AVENUE
 MIAMI, FLORIDA 33172
 P.E. NO. 59507

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
826	MIAMI-DADE	430821-3-52-01

ROADWAY PLAN

SHEET NO.
23

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



S.R. 826 / PALMETTO EXPRESSWAY SOUTHBOUND

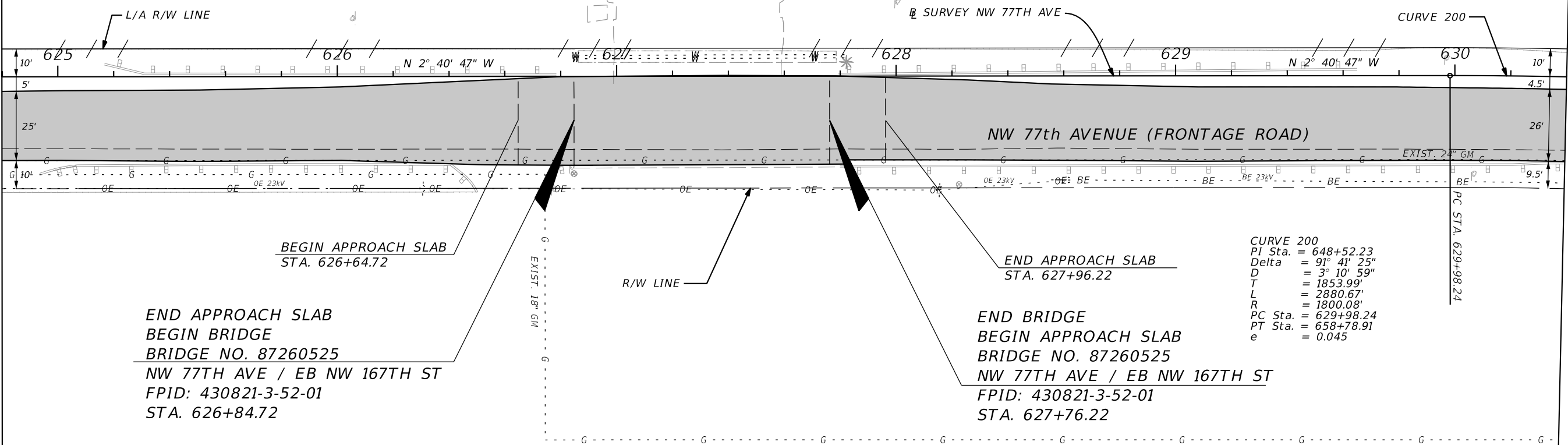
S.R. 826 / PALMETTO EXPRESSWAY NORTHBOUND

C-8 / BISCAYNE CANAL

GOVERNMENT SECTION LINE

MATCH LINE STA. 624+80.00

MATCH LINE STA. 630+40.00



BEGIN APPROACH SLAB
STA. 626+64.72

END APPROACH SLAB
STA. 627+96.22

END APPROACH SLAB
BEGIN BRIDGE
BRIDGE NO. 87260525
NW 77TH AVE / EB NW 167TH ST
FPID: 430821-3-52-01
STA. 626+84.72

END BRIDGE
BEGIN APPROACH SLAB
BRIDGE NO. 87260525
NW 77TH AVE / EB NW 167TH ST
FPID: 430821-3-52-01
STA. 627+76.22

CURVE 200
PI Sta. = 648+52.23
Delta = 91° 41' 25"
D = 3° 10' 59"
T = 1853.99'
L = 2880.67'
R = 1800.08'
PC Sta. = 629+98.24
PT Sta. = 658+78.91
e = 0.045

LEGEND

LIMITS OF MILLING AND RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

FDOT DISTRICT SIX
HEIDI SOLAUN-DOMINGUEZ
1000 N.W. 111TH AVENUE
MIAMI, FLORIDA 33172
P.E. NO. 59507

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
826	MIAMI-DADE	430821-3-52-01

ROADWAY PLAN

SHEET NO.
24

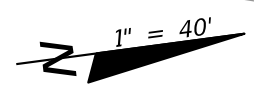
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

S.R. 826 / PALMETTO EXPRESSWAY SOUTHBOUND

S.R. 826 / PALMETTO EXPRESSWAY NORTHBOUND

GOVERNEMENT SECTION LINE

GOVERNEMENT QUARTER LINE



MATCH LINE STA. 630+40.00

MATCH LINE STA. 636+00.00

NW 77th AVENUE (FRONTAGE ROAD) /
EASTBOUND NW 167th STREET

CURVE 200
 PI Sta. = 648+52.23
 Delta = 91° 41' 25"
 D = 3° 10' 59"
 T = 1853.99'
 L = 2880.67'
 R = 1800.08'
 PC Sta. = 629+98.24
 PT Sta. = 658+78.91
 e = 0.045

LEGEND

 LIMITS OF MILLING AND RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



FDOT DISTRICT SIX
 HEIDI SOLAUN-DOMINGUEZ
 1000 N.W. 111TH AVENUE
 MIAMI, FLORIDA 33172
 P.E. NO. 59507

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
826	MIAMI-DADE	430821-3-52-01

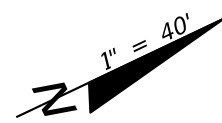
ROADWAY PLAN

SHEET NO.
25

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

S.R. 826 / PALMETTO EXPRESSWAY SOUTHBOUND

S.R. 826 / PALMETTO EXPRESSWAY NORTHBOUND



MATCH LINE STA. 636+00.00

MATCH LINE STA. 641+60.00

L/A R/W LINE

SURVEY NW 77TH AVE / NW NB 167TH STREET

CURVE 200

NW 77th AVENUE (FRONTAGE ROAD) /
EASTBOUND NW 167th STREET

EXIST. 24" GM

EXIST. 18" GM

R/W LINE

CURVE 200
 PI Sta. = 648+52.23
 Delta = 91° 41' 25"
 D = 3° 10' 59"
 T = 1853.99'
 L = 2880.67'
 R = 1800.08'
 PC Sta. = 629+98.24
 PT Sta. = 658+78.91
 e = 0.045

LEGEND

LIMITS OF MILLING AND RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

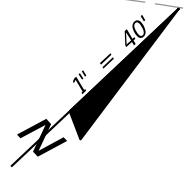
FDOT DISTRICT SIX
 HEIDI SOLAUN-DOMINGUEZ
 1000 N.W. 111TH AVENUE
 MIAMI, FLORIDA 33172
 P.E. NO. 59507

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
826	MIAMI-DADE	430821-3-52-01

ROADWAY PLAN

SHEET NO.
26

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



S.R. 826 / PALMETTO EXPRESSWAY
SOUTHBOUND / WESTBOUND

S.R. 826 / PALMETTO EXPRESSWAY
NORTHBOUND / EASTBOUND

NW 77th AVENUE (FRONTAGE ROAD) /
EASTBOUND NW 167th STREET

CURVE 200
PI Sta. = 648+52.23
Delta = 91° 41' 25"
D = 3° 10' 59"
T = 1853.99'
L = 2880.67'
R = 1800.08'
PC Sta. = 629+98.24
PT Sta. = 658+78.91
e = 0.045

LEGEND

LIMITS OF MILLING AND RESURFACING

MATCH LINE STA. 641+60.00

MATCH LINE STA. 647+20.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



FDOT DISTRICT SIX
HEIDI SOLAUN-DOMINGUEZ
1000 N.W. 111TH AVENUE
MIAMI, FLORIDA 33172
P.E. NO. 59507

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
826	MIAMI-DADE	430821-3-52-01

ROADWAY PLAN

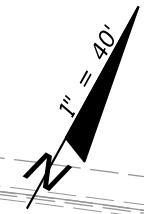
SHEET NO.

27

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

S.R. 826 / PALMETTO EXPRESSWAY
SOUTHBOUND / WESTBOUND

S.R. 826 / PALMETTO EXPRESSWAY
NORTHBOUND / EASTBOUND



MATCH LINE STA. 647+20.00

MATCH LINE STA. 652+80.00

BE SURVEY EB NW 167TH STREET

L/A R/W LINE

EXIST. 18" GM

CURVE 200

NW 77th AVENUE (FRONTAGE ROAD) /
EASTBOUND NW 167th STREET

EXIST. 24" GM

R/W LINE

CURVE 200
PI Sta. = 648+52.23
Delta = 91° 41' 25"
D = 3° 10' 59"
T = 1853.99'
L = 2880.67'
R = 1800.08'
PC Sta. = 629+98.24
PT Sta. = 658+78.91
e = 0.045

LEGEND

LIMITS OF MILLING AND RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

FDOT DISTRICT SIX
HEIDI SOLAUN-DOMINGUEZ
1000 N.W. 111TH AVENUE
MIAMI, FLORIDA 33172
P.E. NO. 59507

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
826	MIAMI-DADE	430821-3-52-01

ROADWAY PLAN

SHEET
NO.

28

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

S.R. 826 / PALMETTO EXPRESSWAY WESTBOUND

S.R. 826 / PALMETTO EXPRESSWAY EASTBOUND



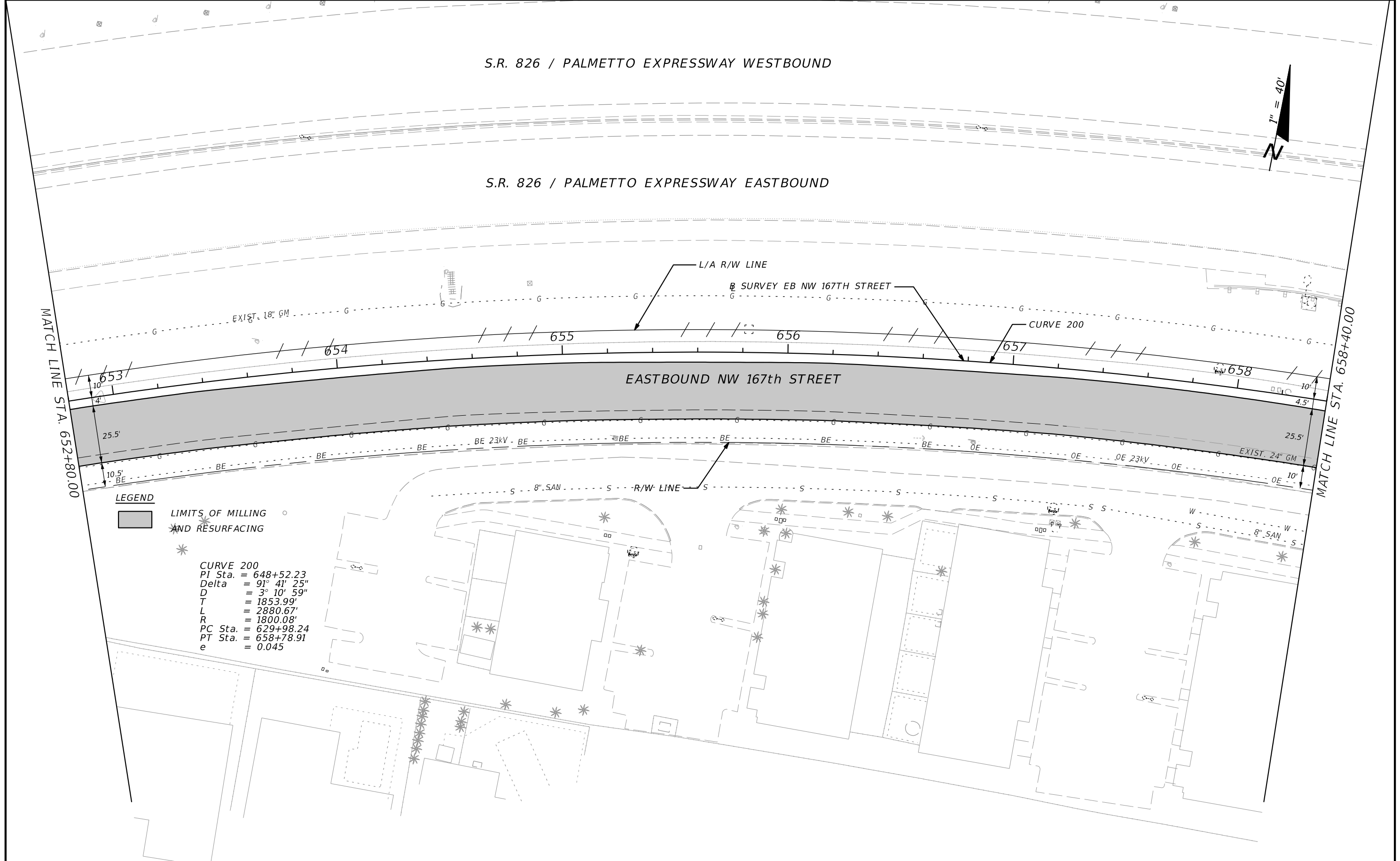
MATCH LINE STA. 652+80.00

MATCH LINE STA. 658+40.00

EASTBOUND NW 167th STREET

LEGEND

LIMITS OF MILLING AND RESURFACING
 * CURVE 200
 PI Sta. = 648+52.23
 Delta = 91° 41' 25"
 D = 3° 10' 59"
 T = 1853.99'
 L = 2880.67'
 R = 1800.08'
 PC Sta. = 629+98.24
 PT Sta. = 658+78.91
 e = 0.045



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



FDOT DISTRICT SIX
 HEIDI SOLAUN-DOMINGUEZ
 1000 N.W. 111TH AVENUE
 MIAMI, FLORIDA 33172
 P.E. NO. 59507

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
826	MIAMI-DADE	430821-3-52-01

ROADWAY PLAN

SHEET NO.
29

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

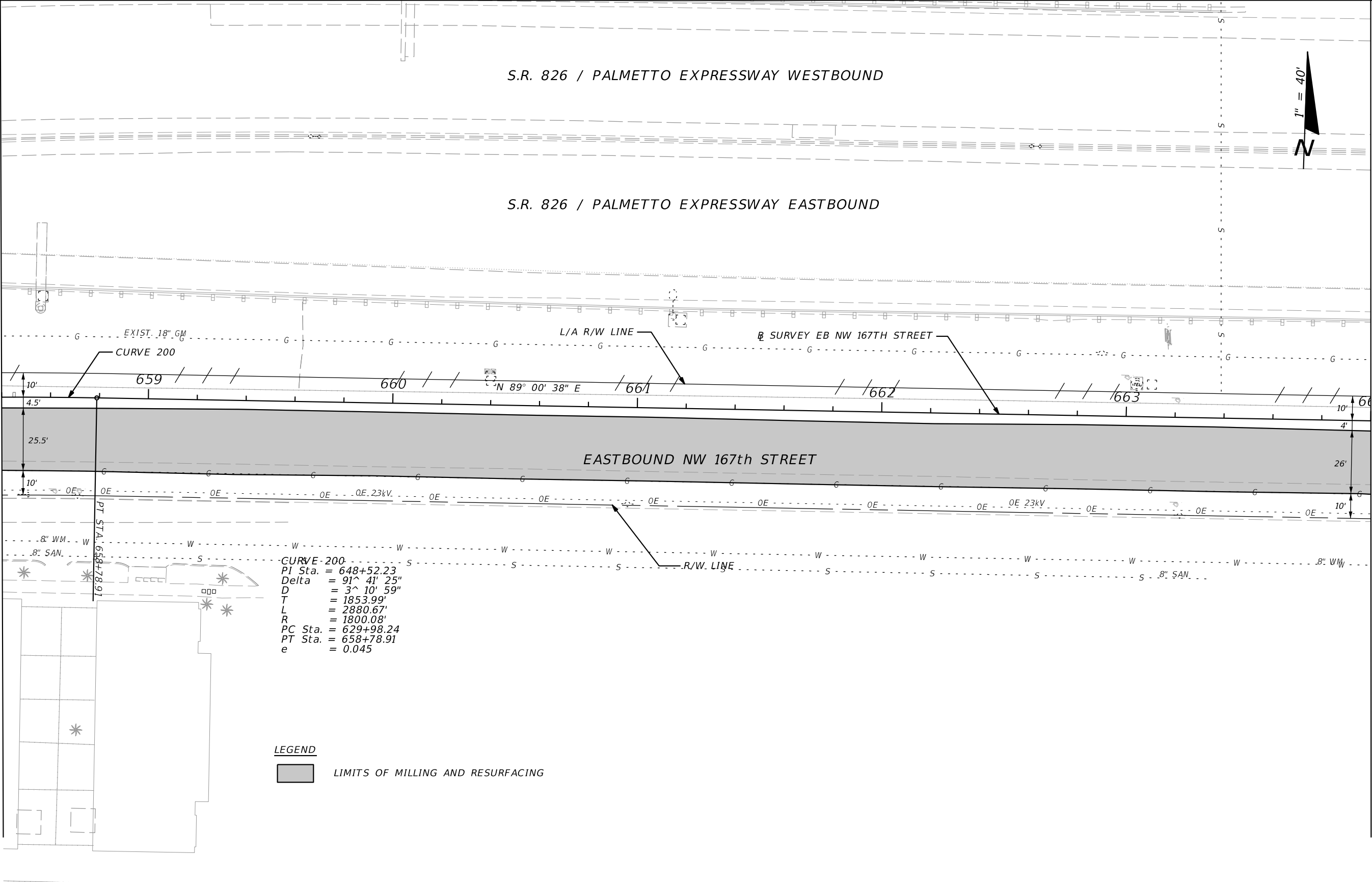
S.R. 826 / PALMETTO EXPRESSWAY WESTBOUND

S.R. 826 / PALMETTO EXPRESSWAY EASTBOUND



MATCH LINE STA. 658+40.00

MATCH LINE STA. 664+00.00



CURVE - 200
 PI Sta. = 648+52.23
 Delta = 91° 41' 25"
 D = 3' 10' 59"
 T = 1853.99'
 L = 2880.67'
 R = 1800.08'
 PC Sta. = 629+98.24
 PT Sta. = 658+78.91
 e = 0.045

LEGEND
 LIMITS OF MILLING AND RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

FDOT DISTRICT SIX
 HEIDI SOLAUN-DOMINGUEZ
 1000 N.W. 111TH AVENUE
 MIAMI, FLORIDA 33172
 P.E. NO. 59507

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
826	MIAMI-DADE	430821-3-52-01

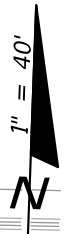
ROADWAY PLAN

SHEET NO.
30

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

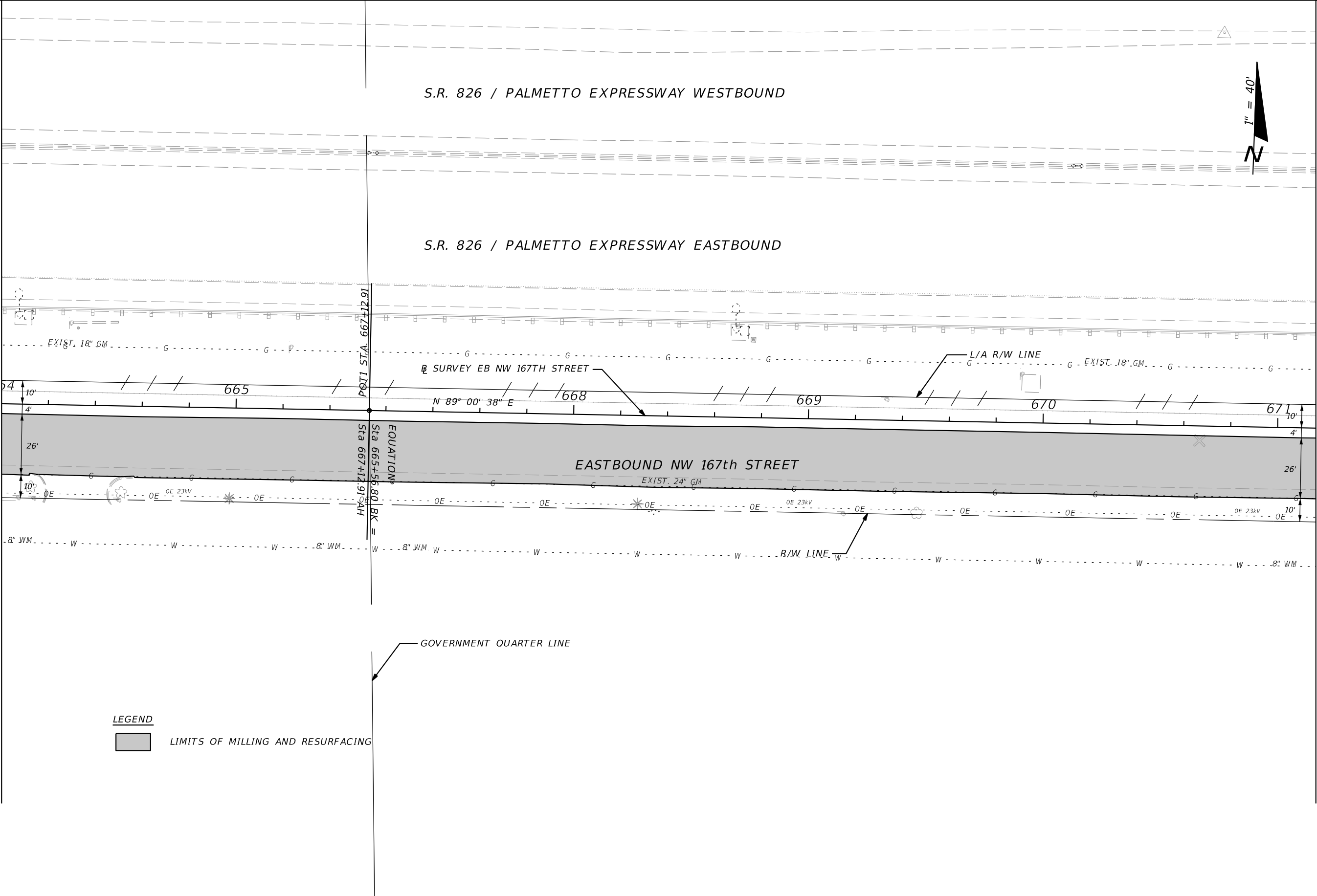
S.R. 826 / PALMETTO EXPRESSWAY WESTBOUND

S.R. 826 / PALMETTO EXPRESSWAY EASTBOUND



MATCH LINE STA. 664+00.00

MATCH LINE STA. 669+60.00



LEGEND



LIMITS OF MILLING AND RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



FDOT DISTRICT SIX
HEIDI SOLAUN-DOMINGUEZ
1000 N.W. 111TH AVENUE
MIAMI, FLORIDA 33172
P.E. NO. 59507

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
826	MIAMI-DADE	430821-3-52-01

ROADWAY PLAN	
SHEET NO. 31	

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

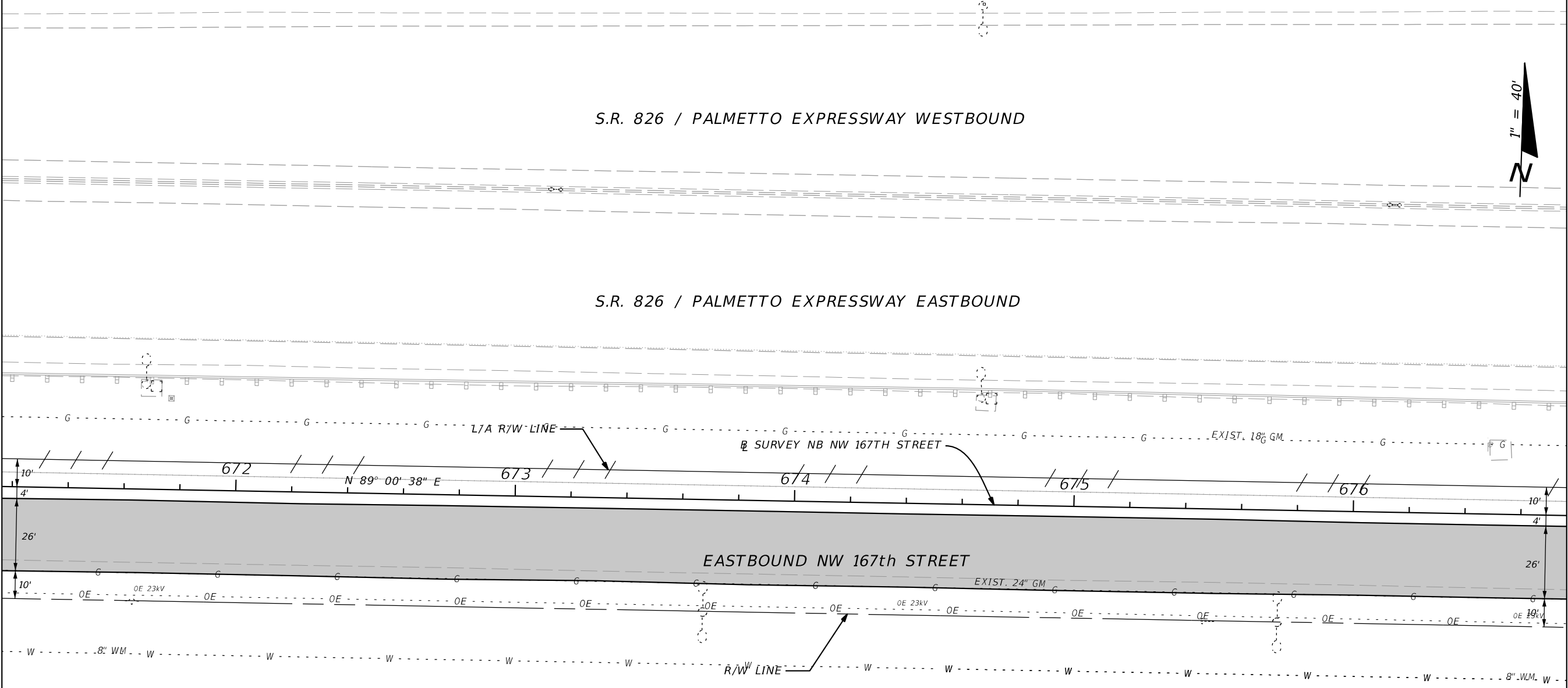
S.R. 826 / PALMETTO EXPRESSWAY WESTBOUND

S.R. 826 / PALMETTO EXPRESSWAY EASTBOUND



MATCH LINE STA. 669+60.00

MATCH LINE STA. 675+20.00



LEGEND

LIMITS OF MILLING AND RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

FDOT DISTRICT SIX
 HEIDI SOLAUN-DOMINGUEZ
 1000 N.W. 111TH AVENUE
 MIAMI, FLORIDA 33172
 P.E. NO. 59507

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
826	MIAMI-DADE	430821-3-52-01

ROADWAY PLAN

SHEET NO.
32

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

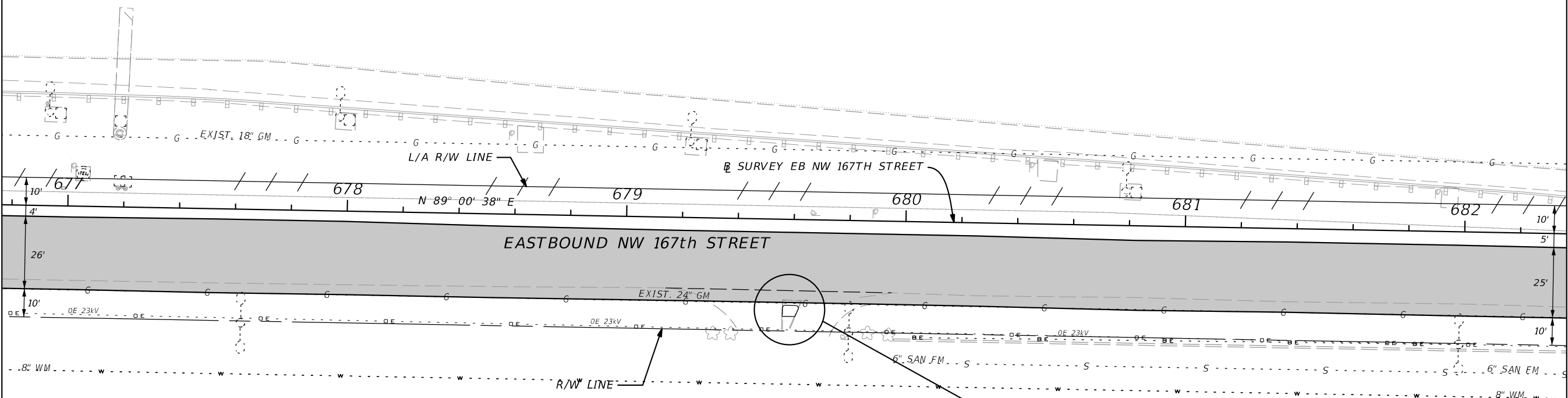
S.R. 826 / PALMETTO EXPRESSWAY WESTBOUND

S.R. 826 / PALMETTO EXPRESSWAY EASTBOUND



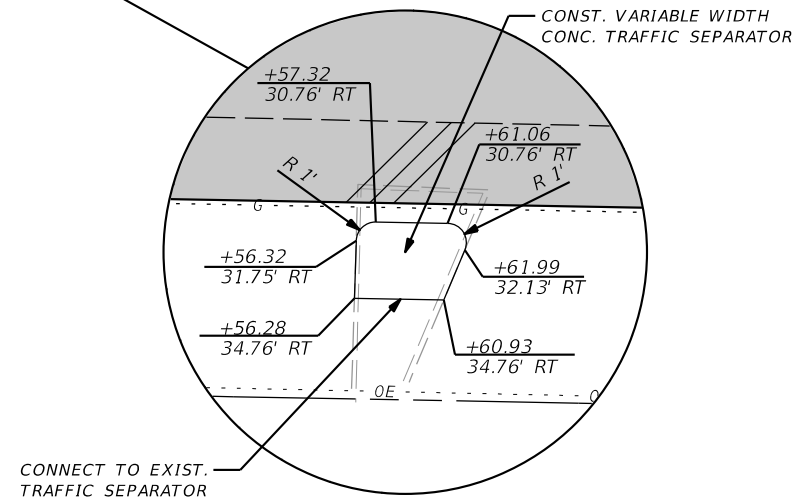
MATCH LINE STA. 675+20.00

MATCH LINE STA. 680+80.00



LEGEND

LIMITS OF MILLING AND RESURFACING



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



FDOT DISTRICT SIX
HEIDI SOLAUN-DOMINGUEZ
1000 N.W. 111TH AVENUE
MIAMI, FLORIDA 33172
P.E. NO. 59507

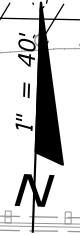
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
826	MIAMI-DADE	430821-3-52-01

ROADWAY PLAN

SHEET NO.

33

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

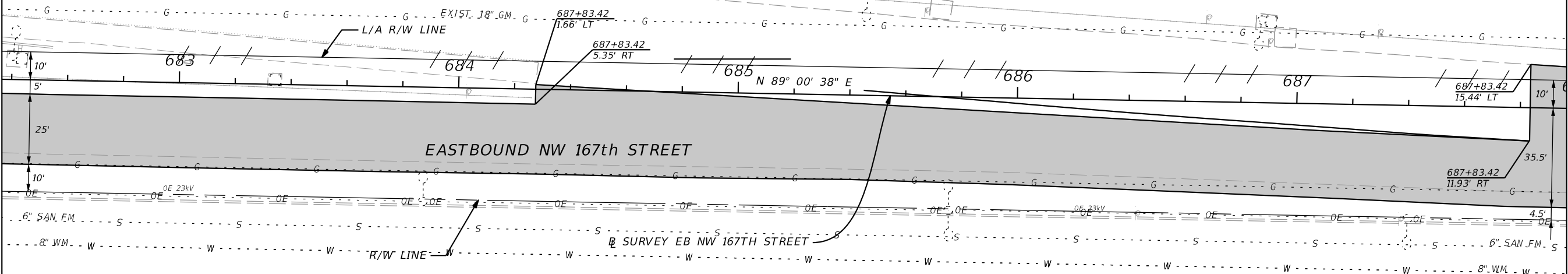


S.R. 826 / PALMETTO EXPRESSWAY WESTBOUND

S.R. 826 / PALMETTO EXPRESSWAY EASTBOUND

MATCH LINE STA. 680+80.00

MATCH LINE STA. 686+40.00



LEGEND



LIMITS OF MILLING AND RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



FDOT DISTRICT SIX
HEIDI SOLAUN-DOMINGUEZ
1000 N.W. 111TH AVENUE
MIAMI, FLORIDA 33172
P.E. NO. 59507

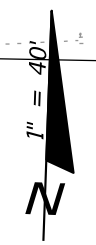
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
826	MIAMI-DADE	430821-3-52-01

ROADWAY PLAN

SHEET NO.
34

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

STA. 694+08.30



L/A R/W LINE

S.R. 826 / PALMETTO EXPRESSWAY WESTBOUND

S.R. 826 / PALMETTO EXPRESSWAY EASTBOUND

MATCH LINE STA. 686+40.00

L/A R/W LINE

SURVEY EB NW 167TH STREET




N 89° 00' 38" E

EASTBOUND NW 167th STREET

REPLACE EXIST. PULL BOXES

NW 67TH AVENUE

LEGEND

-  LIMITS OF MILLING AND RESURFACING
-  DENOTES AREAS OF PROPOSED SIDEWALK (MATCH EXIST. RADIAL ELEV. UNLESS OTHERWISE NOTED)
-  DENOTES AREAS OF PROPOSED SODDING

END MILLING AND RESURFACING
MATCH EXISTING
NW 77TH AVE / EB NW 167TH ST
FPID: 430821-3-52-01
STA. 693+13.46

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



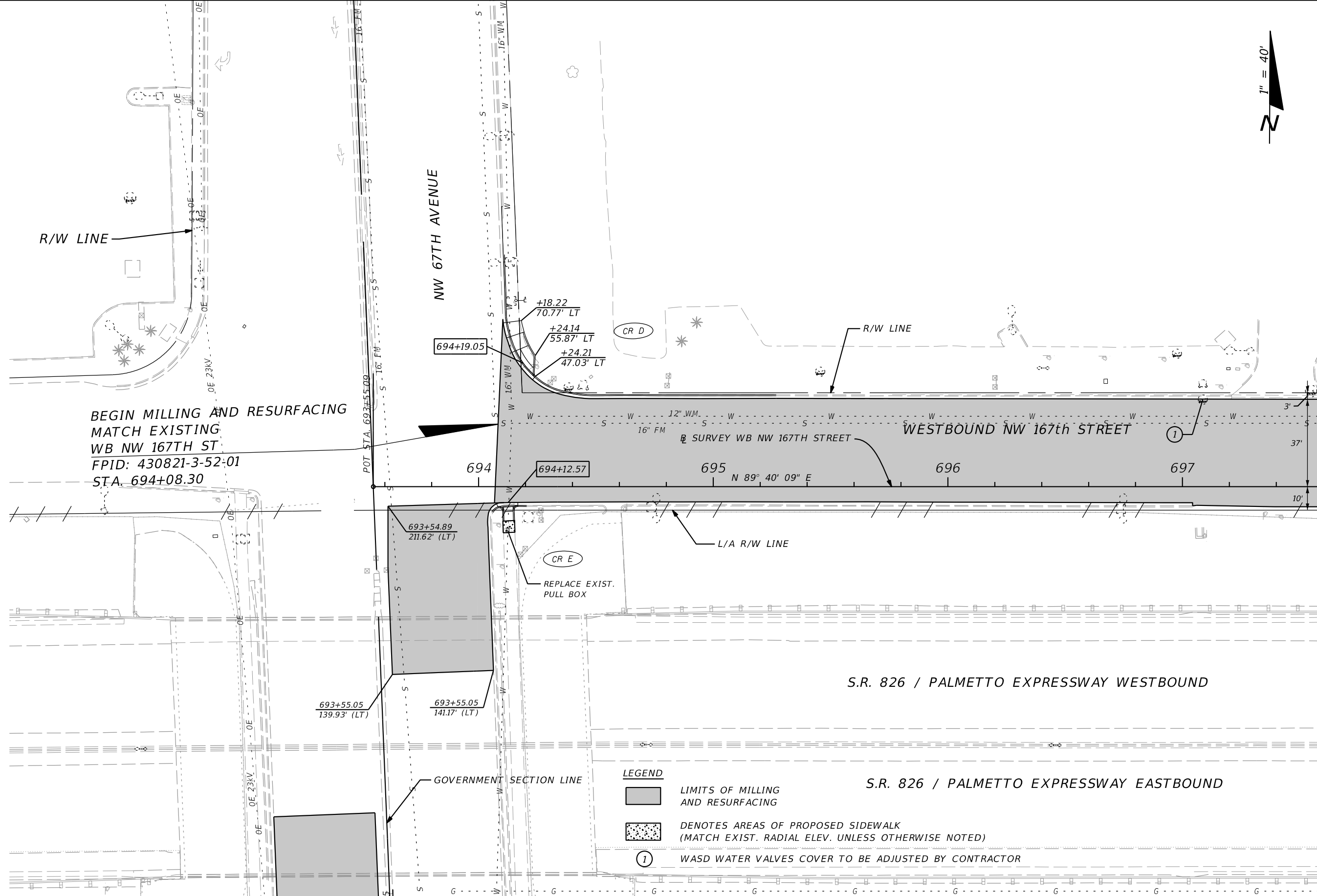
FDOT DISTRICT SIX
HEIDI SOLAUN-DOMINGUEZ
1000 N.W. 111TH AVENUE
MIAMI, FLORIDA 33172
P.E. NO. 59507

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
826	MIAMI-DADE	430821-3-52-01

ROADWAY PLAN

SHEET NO.
35

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



BEGIN MILLING AND RESURFACING
MATCH EXISTING
WB NW 167TH ST
FPID: 430821-3-52-01
STA. 694+08.30

MATCH LINE STA. 697+60.00



FDOT DISTRICT SIX
HEIDI SOLAUN-DOMINGUEZ
1000 N.W. 111TH AVENUE
MIAMI, FLORIDA 33172
P.E. NO. 59507

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
826	MIAMI-DADE	430821-3-52-01

ROADWAY PLAN

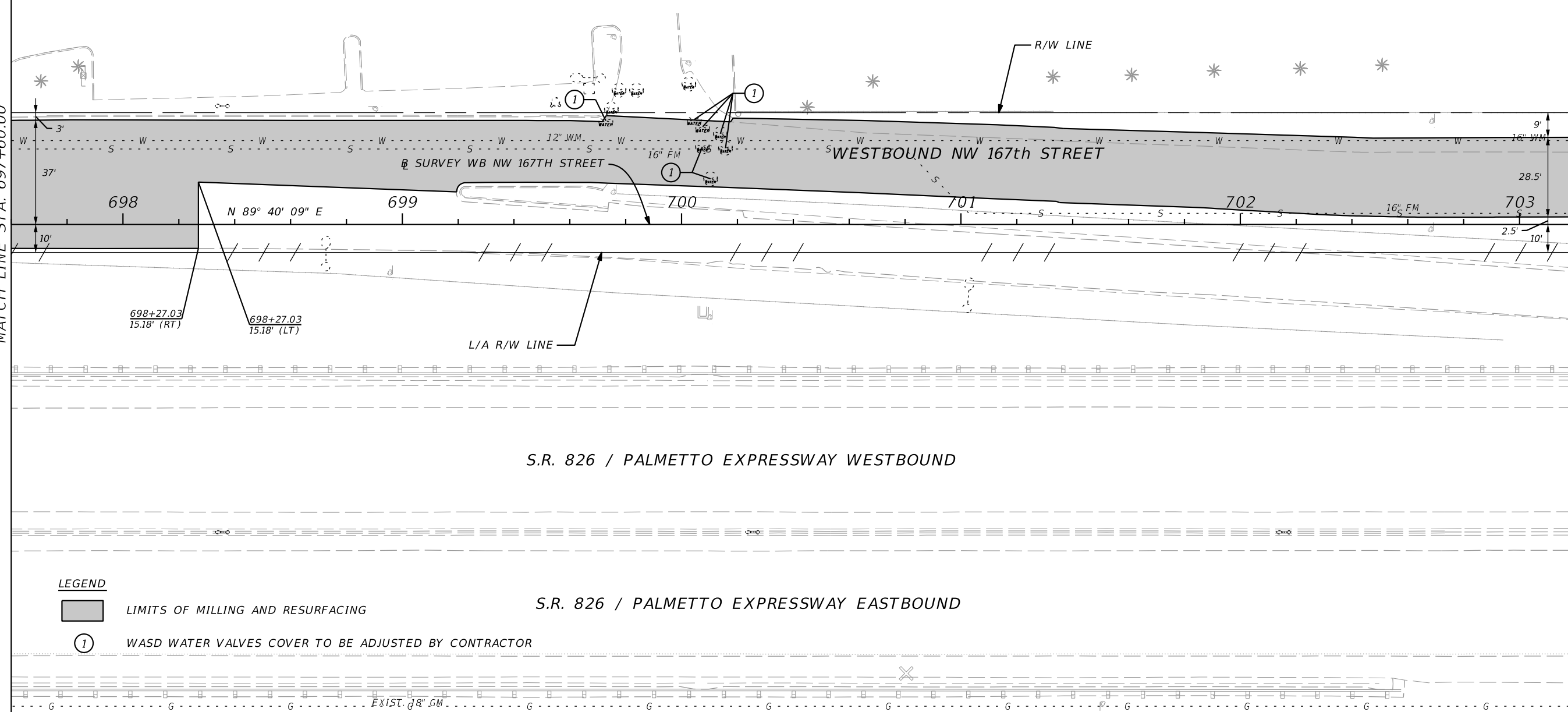
SHEET NO.
36

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



MATCH LINE STA. 697+60.00

MATCH LINE STA. 703+20.00



LEGEND

- LIMITS OF MILLING AND RESURFACING
- 1 WASD WATER VALVES COVER TO BE ADJUSTED BY CONTRACTOR

S.R. 826 / PALMETTO EXPRESSWAY WESTBOUND

S.R. 826 / PALMETTO EXPRESSWAY EASTBOUND

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

FDOT DISTRICT SIX
 HEIDI SOLAUN-DOMINGUEZ
 1000 N.W. 111TH AVENUE
 MIAMI, FLORIDA 33172
 P.E. NO. 59507

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
826	MIAMI-DADE	430821-3-52-01

ROADWAY PLAN

USER: RD652FH 1/6/2014 3:15:38 PM C:\e\projects\43082135201\ROADWAY\PLANRD29.dgn

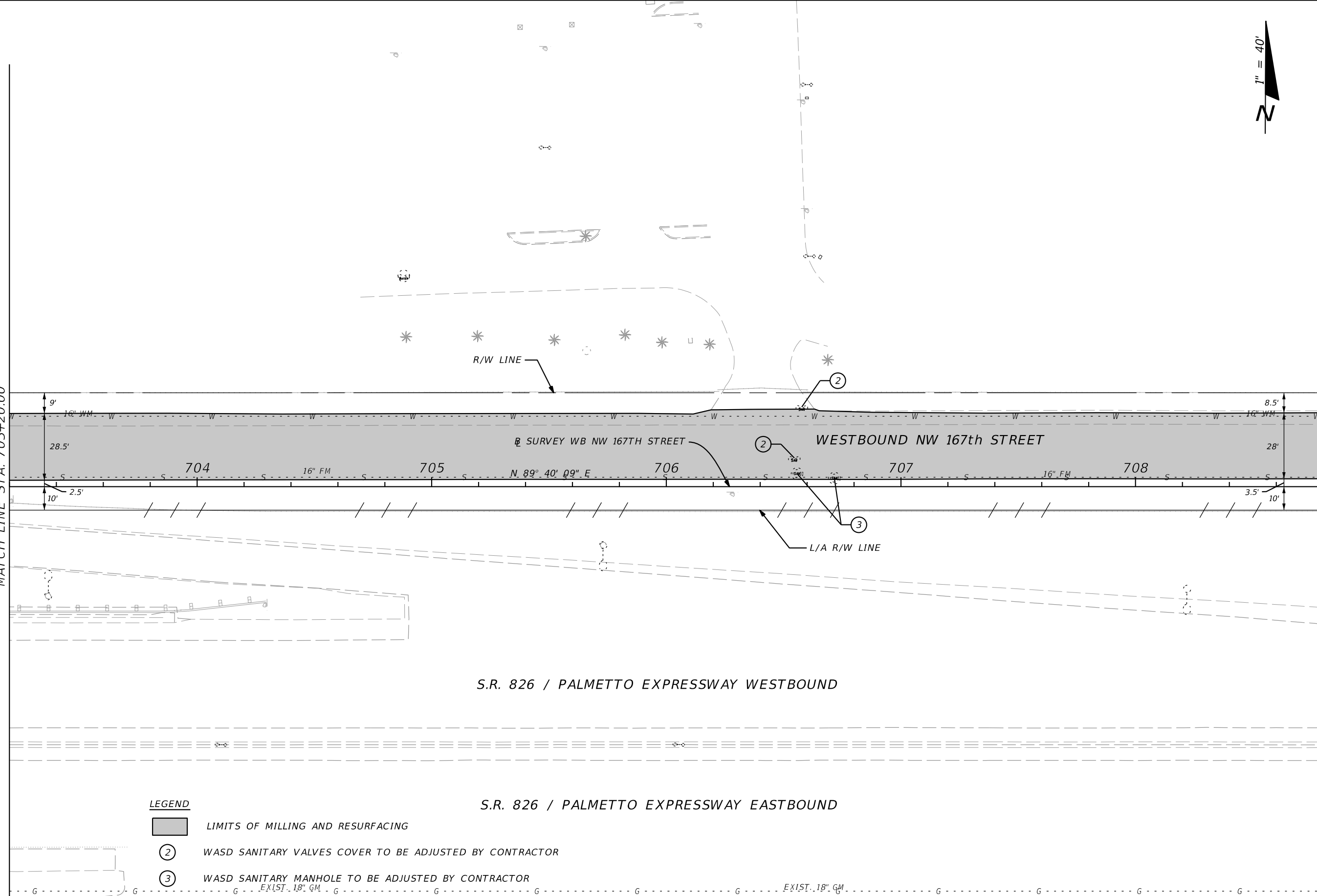
SHEET NO.
37

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



MATCH LINE STA. 703+20.00

MATCH LINE STA. 708+80.00



LEGEND

- LIMITS OF MILLING AND RESURFACING
- 2 WASD SANITARY VALVES COVER TO BE ADJUSTED BY CONTRACTOR
- 3 WASD SANITARY MANHOLE TO BE ADJUSTED BY CONTRACTOR

S.R. 826 / PALMETTO EXPRESSWAY WESTBOUND

S.R. 826 / PALMETTO EXPRESSWAY EASTBOUND

REVISIONS	
DATE	DESCRIPTION

FDOT DISTRICT SIX
 HEIDI SOLAUN-DOMINGUEZ
 1000 N.W. 111TH AVENUE
 MIAMI, FLORIDA 33172
 P.E. NO. 59507

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
826	MIAMI-DADE	430821-3-52-01

ROADWAY PLAN

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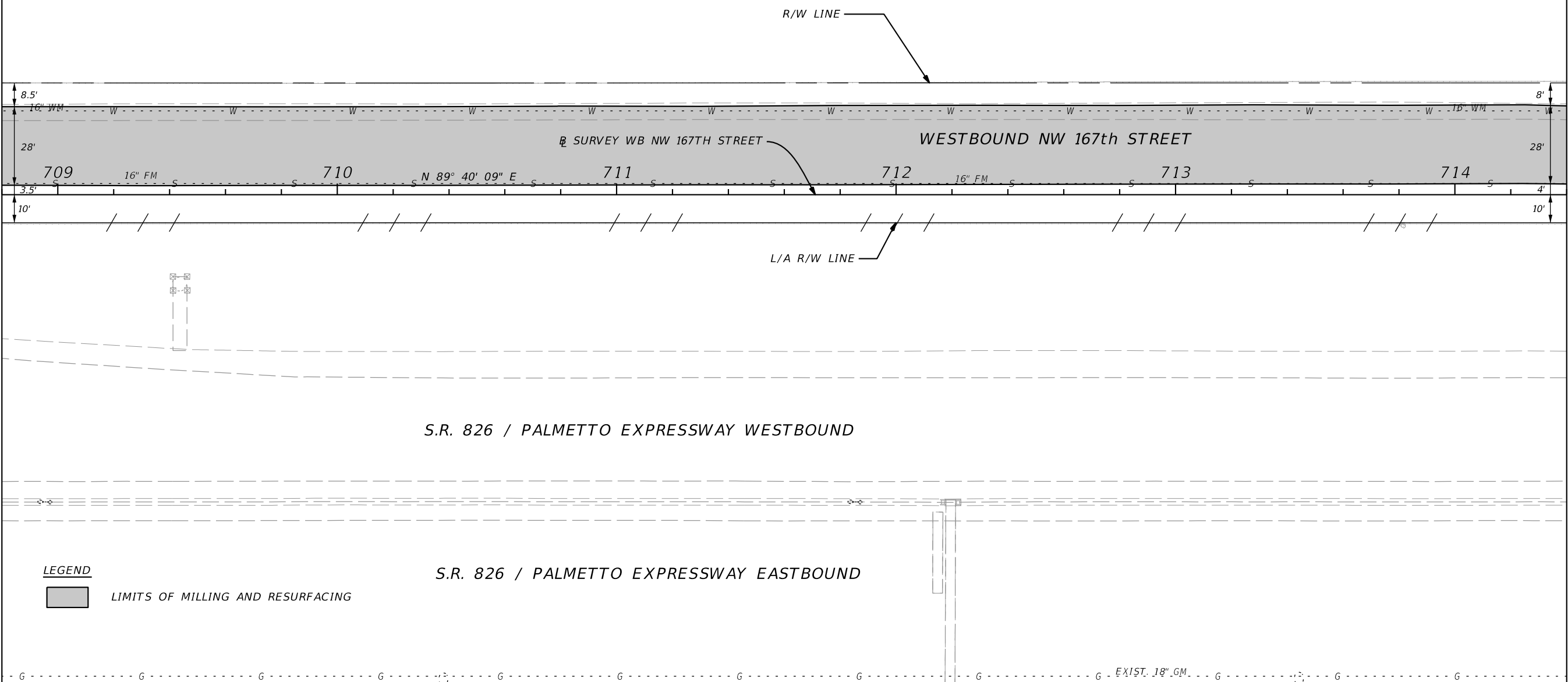
SHEET NO.
38

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



MATCH LINE STA. 708+80.00

MATCH LINE STA. 714+40.00



LEGEND

LIMITS OF MILLING AND RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

FDOT DISTRICT SIX
 HEIDI SOLAUN-DOMINGUEZ
 1000 N.W. 111TH AVENUE
 MIAMI, FLORIDA 33172
 P.E. NO. 59507

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
826	MIAMI-DADE	430821-3-52-01

ROADWAY PLAN

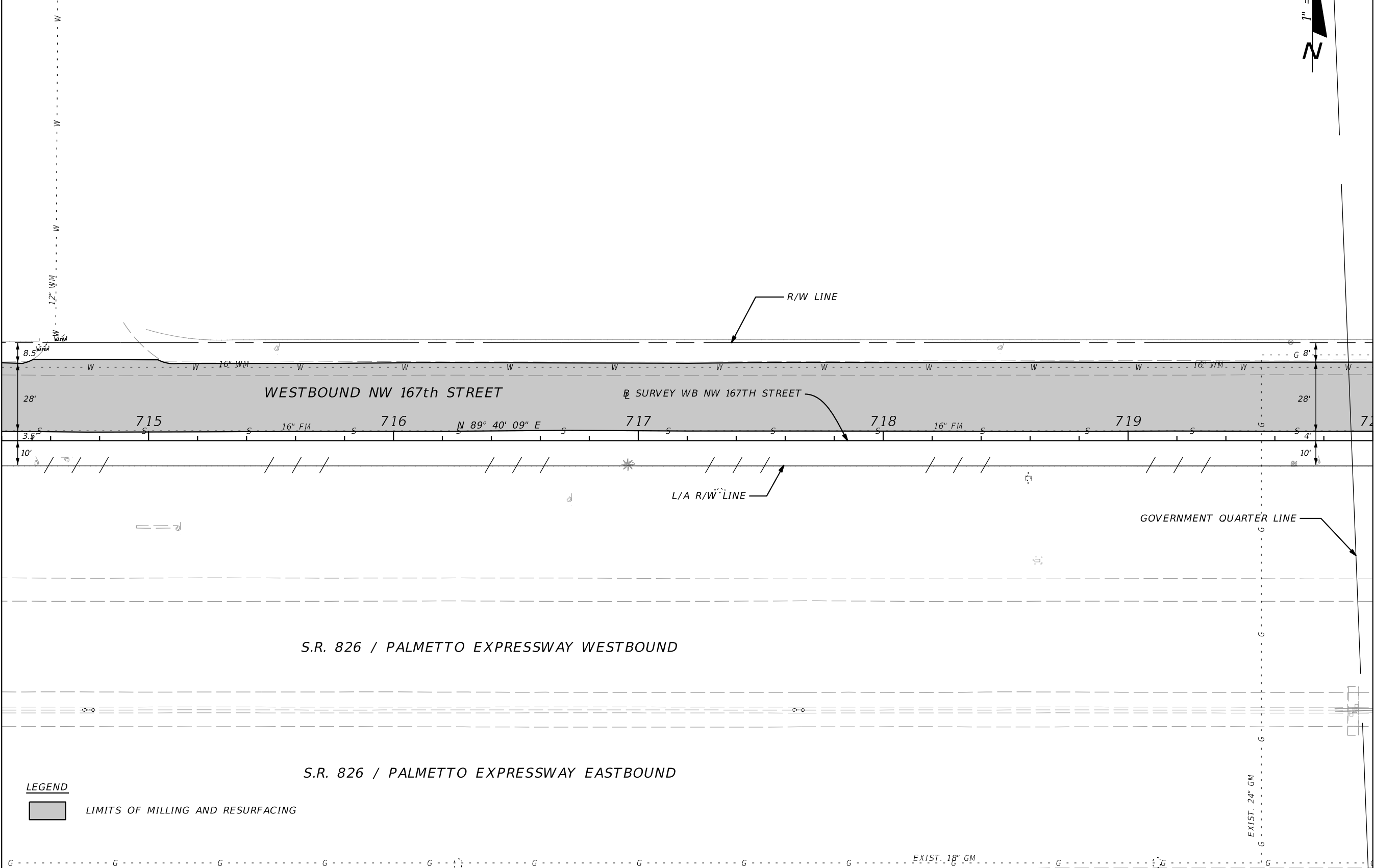
SHEET NO.
39

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



MATCH LINE STA. 714+40.00

MATCH LINE STA. 720+00.00



LEGEND

LIMITS OF MILLING AND RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

FDOT DISTRICT SIX
 HEIDI SOLAUN-DOMINGUEZ
 1000 N.W. 111TH AVENUE
 MIAMI, FLORIDA 33172
 P.E. NO. 59507

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
826	MIAMI-DADE	430821-3-52-01

ROADWAY PLAN

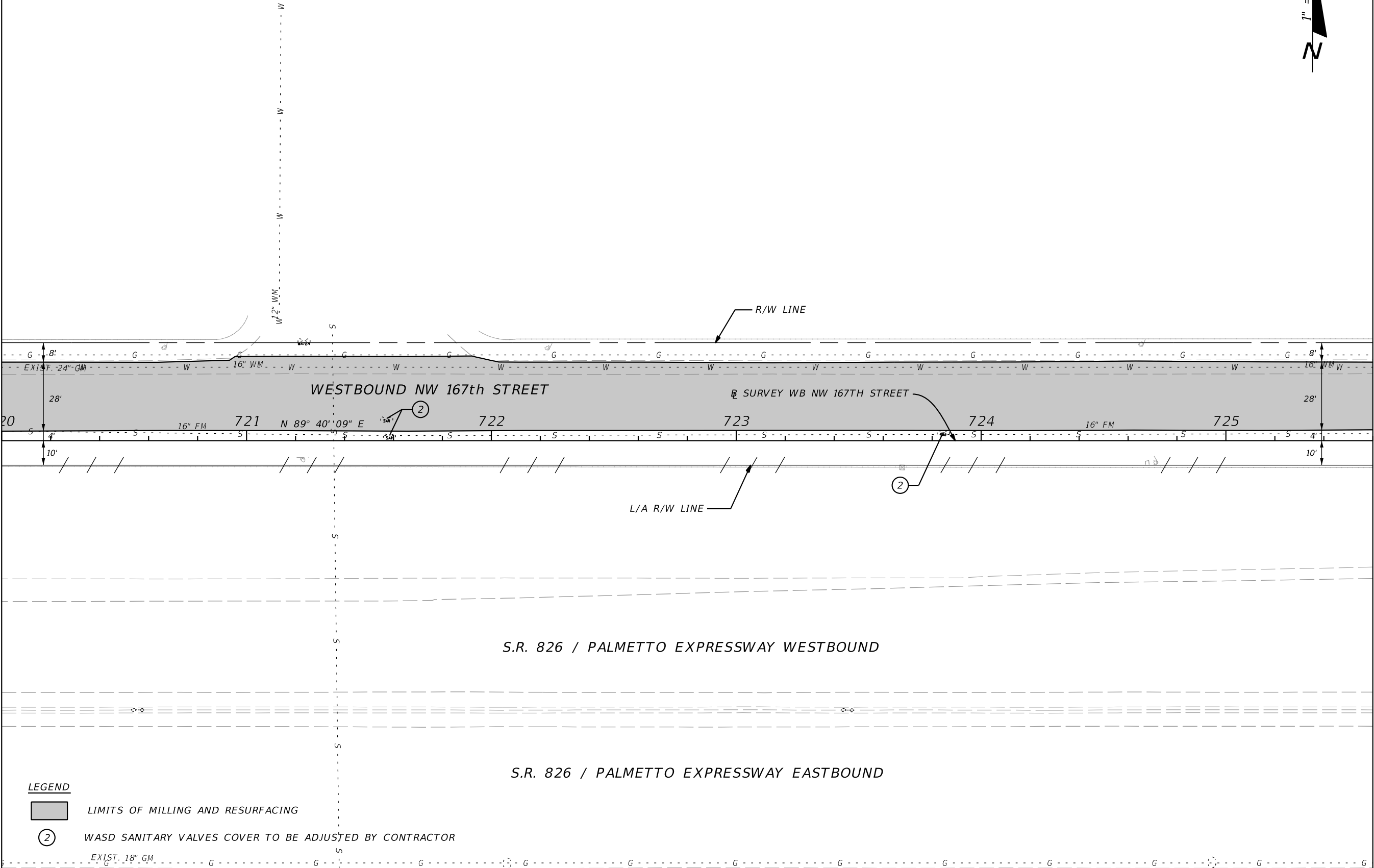
SHEET NO.
40

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



MATCH LINE STA. 720+00.00

MATCH LINE STA. 725+60.00



LEGEND

- LIMITS OF MILLING AND RESURFACING
- 2 WASD SANITARY VALVES COVER TO BE ADJUSTED BY CONTRACTOR

S.R. 826 / PALMETTO EXPRESSWAY WESTBOUND

S.R. 826 / PALMETTO EXPRESSWAY EASTBOUND

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

FDOT DISTRICT SIX
 HEIDI SOLAUN-DOMINGUEZ
 1000 N.W. 111TH AVENUE
 MIAMI, FLORIDA 33172
 P.E. NO. 59507

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
826	MIAMI-DADE	430821-3-52-01

ROADWAY PLAN

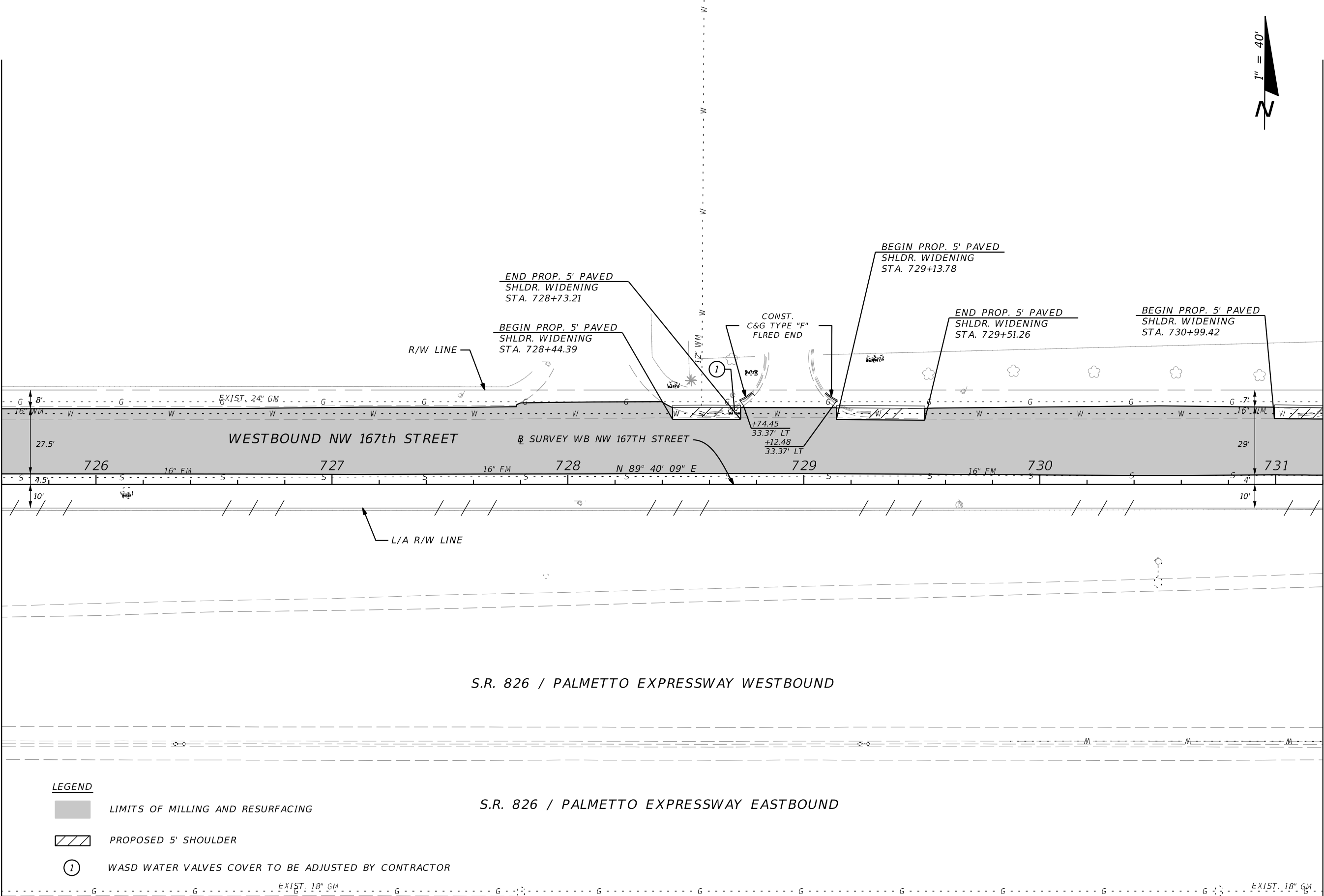
	SHEET NO. 41
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NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



MATCH LINE STA. 725+60.00

MATCH LINE STA. 731+20.00



LEGEND

- LIMITS OF MILLING AND RESURFACING
- PROPOSED 5' SHOULDER
- 1 WASD WATER VALVES COVER TO BE ADJUSTED BY CONTRACTOR

S.R. 826 / PALMETTO EXPRESSWAY WESTBOUND

S.R. 826 / PALMETTO EXPRESSWAY EASTBOUND

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

FDOT DISTRICT SIX
 HEIDI SOLAUN-DOMINGUEZ
 1000 N.W. 111TH AVENUE
 MIAMI, FLORIDA 33172
 P.E. NO. 59507

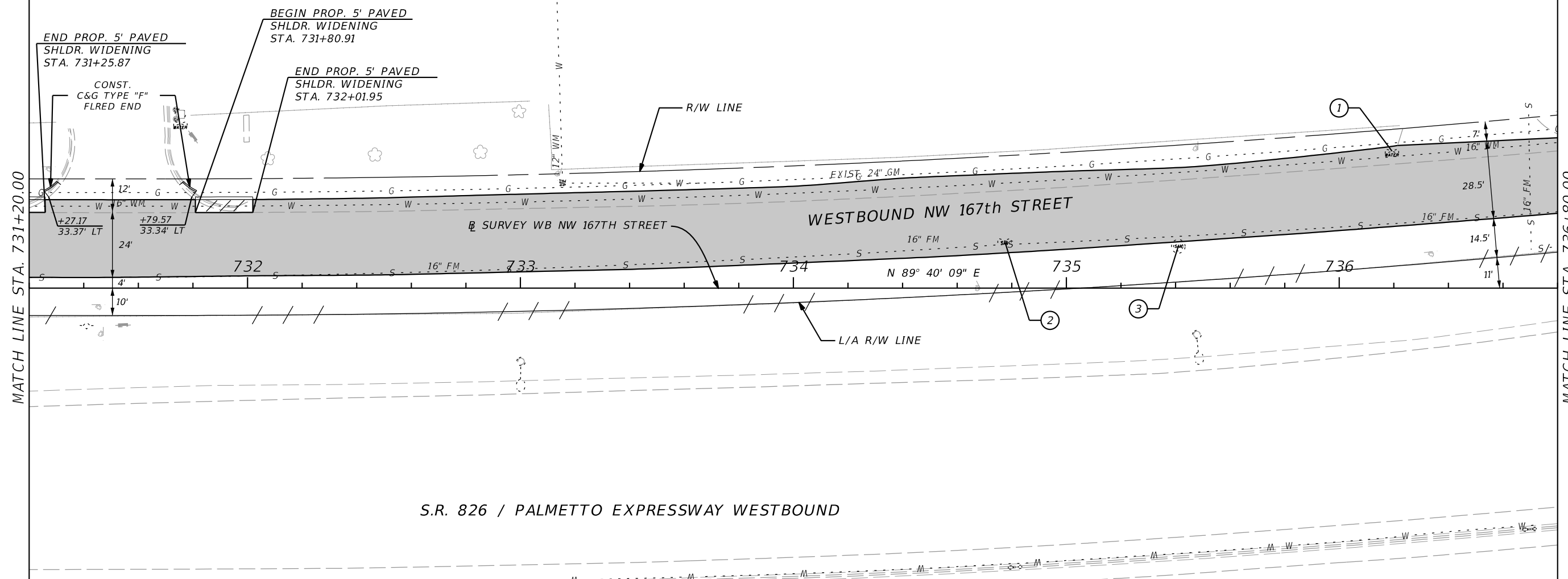
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
826	MIAMI-DADE	430821-3-52-01

ROADWAY PLAN






SHEET NO.

42

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



LEGEND

-  LIMITS OF MILLING AND RESURFACING
-  PROPOSED 5' SHOULDER
-  WASD WATER VALVES COVER TO BE ADJUSTED BY CONTRACTOR
-  WASD SANITARY VALVES COVER TO BE ADJUSTED BY CONTRACTOR
-  WASD SANITARY MANHOLE TO BE ADJUSTED BY CONTRACTOR

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

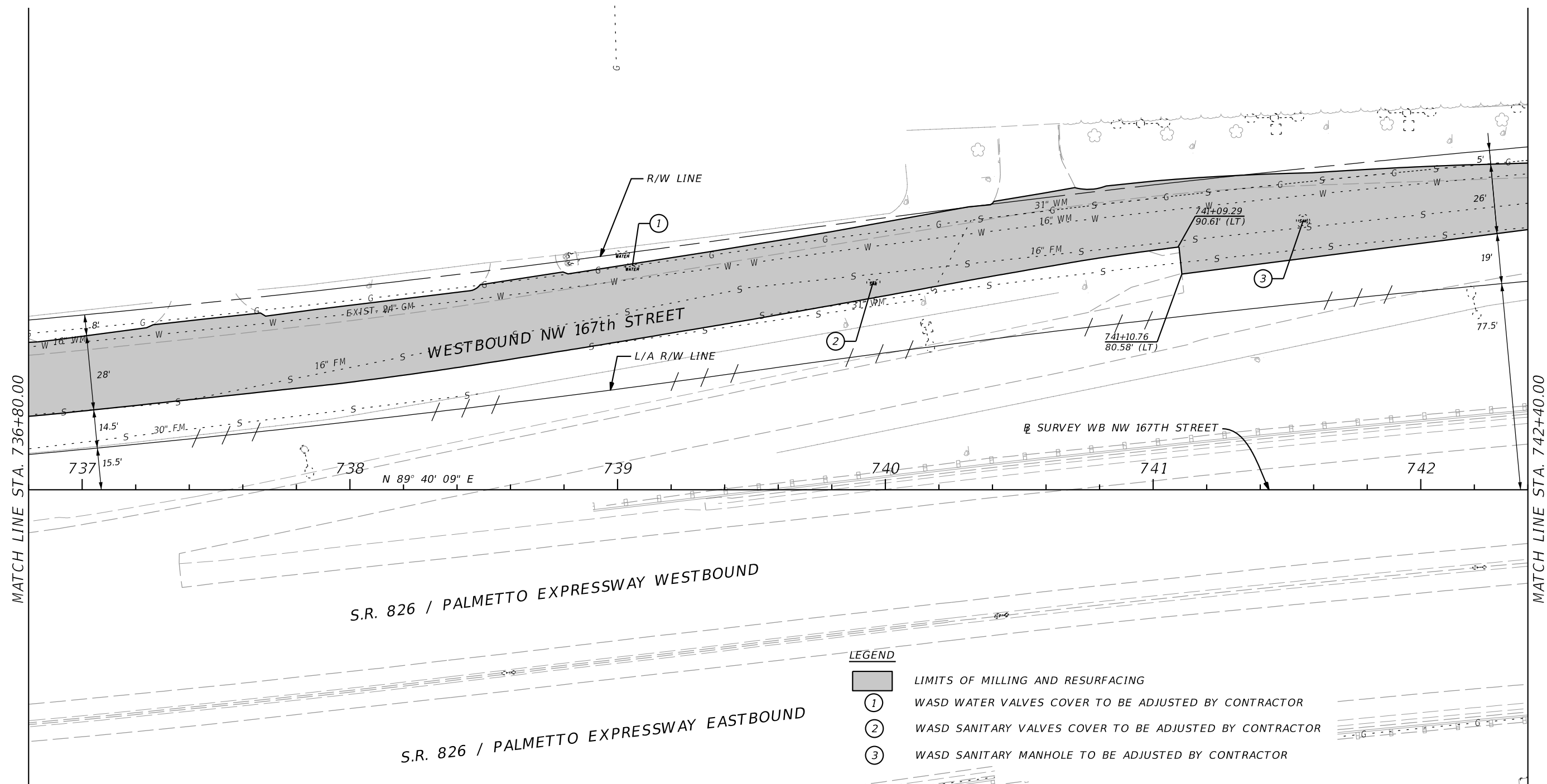

 FDOT DISTRICT SIX
 HEIDI SOLAUN-DOMINGUEZ
 1000 N.W. 111TH AVENUE
 MIAMI, FLORIDA 33172
 P.E. NO. 59507

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
826	MIAMI-DADE	430821-3-52-01

ROADWAY PLAN

SHEET NO.
43

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



LEGEND

- LIMITS OF MILLING AND RESURFACING
- ① WASD WATER VALVES COVER TO BE ADJUSTED BY CONTRACTOR
- ② WASD SANITARY VALVES COVER TO BE ADJUSTED BY CONTRACTOR
- ③ WASD SANITARY MANHOLE TO BE ADJUSTED BY CONTRACTOR

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

FDOT DISTRICT SIX
 HEIDI SOLAUN-DOMINGUEZ
 1000 N.W. 111TH AVENUE
 MIAMI, FLORIDA 33172
 P.E. NO. 59507

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
826	MIAMI-DADE	430821-3-52-01

ROADWAY PLAN

SHEET NO.
44

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

CONTRACT PLANS COMPONENTS

- ROADWAY PLANS
- SIGNING AND PAVEMENT MARKING PLANS
- SIGNALIZATION PLANS
- INTELLIGENT TRANSPORTATION SYSTEMS PLANS
- LIGHTING PLANS
- STRUCTURES PLANS

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
2A	NOTES TO REVIEWERS
3 - 27	SUMMARY OF PAY ITEMS
28 - 35	DRAINAGE MAP
36 - 37	INTERCHANGE DRAINAGE MAP
38 - 65	TYPICAL SECTIONS
66 - 128	SUMMARY OF DRAINAGE STRUCTURES
129 - 131	OPTIONAL MATERIALS TABULATION
132	CURVE DATA
133 - 136	PROJECT LAYOUT
137	GENERAL NOTES
138 - 178	ROADWAY PLAN
179 - 216	DRAINAGE PLAN
217 - 320	ROADWAY PROFILE
321 - 322	INTERCHANGE LAYOUT
323 - 338	RAMP TERMINAL DETAIL
339 - 357	INTERSECTION LAYOUT
358 - 541	DRAINAGE STRUCTURES
542 - 552	MISCELLANEOUS DRAINAGE DETAILS
553 - 565	POND DETAILS
566 - 567	DRIVEWAY DETAILS
568 - 569	SPECIAL DETAILS
570 - 581	CROSS SECTION PATTERN
581 - 964	CROSS SECTIONS
965 - 973	STORMWATER POLLUTION PREVENTION PLAN
974 - 989	EROSION CONTROL DETAIL
990 - 1172	TEMPORARY TRAFFIC CONTROL PLANS
1173	TRAFFIC CONTROL PLAN GUIDE SIGN WORKSHEET
1174 - 1210	UTILITY ADJUSTMENTS
SQ-1 - SQ-96	SUMMARY OF QUANTITIES
CTL-1 - CTL-2 *	PROJECT CONTROL
GR-1 *	ROADWAY SOILS SURVEY
GR-2 - GR-22 *	REPORT OF CORE AND AUGER BORINGS
UTV-1 - UTV-6 *	VERIFIED UTILITY LOCATE

* These sheets are included in the Index of Roadway Plans only to indicate that they are part of the Roadway Plans. These sheets are contained in a separate digitally signed and sealed document.

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY2019-20 Design Standards eBook (DSeB) and applicable Design Standards Revisions (DSRs) at the following website: <http://www.dot.state.fl.us/rddesign/DesignStandards/Standards.shtm>

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, July 2019 Standard Specifications for Road and Bridge Construction at the following website: <http://www.dot.state.fl.us/programmanagement/Implemented/SpecBooks>

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

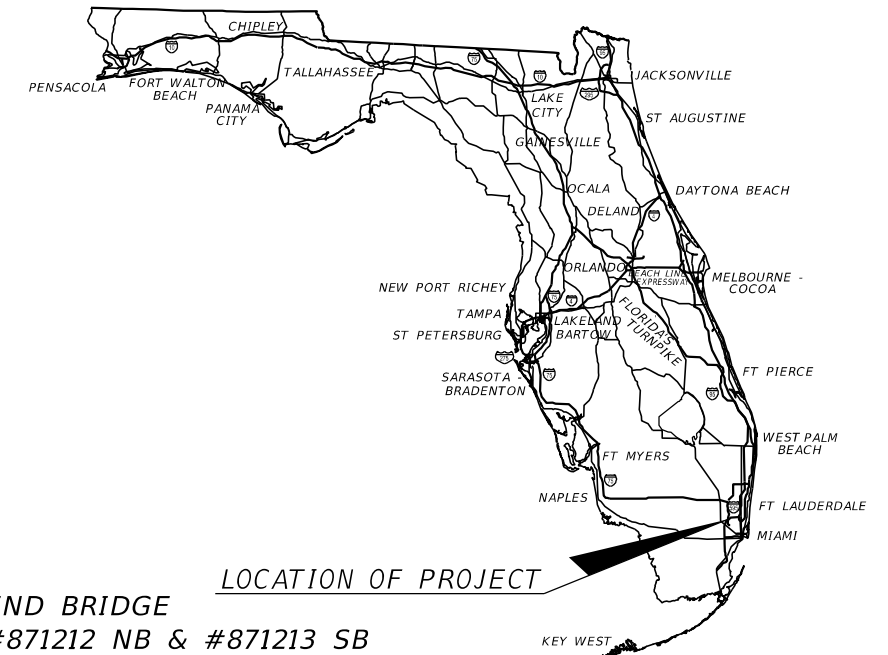
FINANCIAL PROJECT ID 435760-1-52-01

(FEDERAL FUNDS)

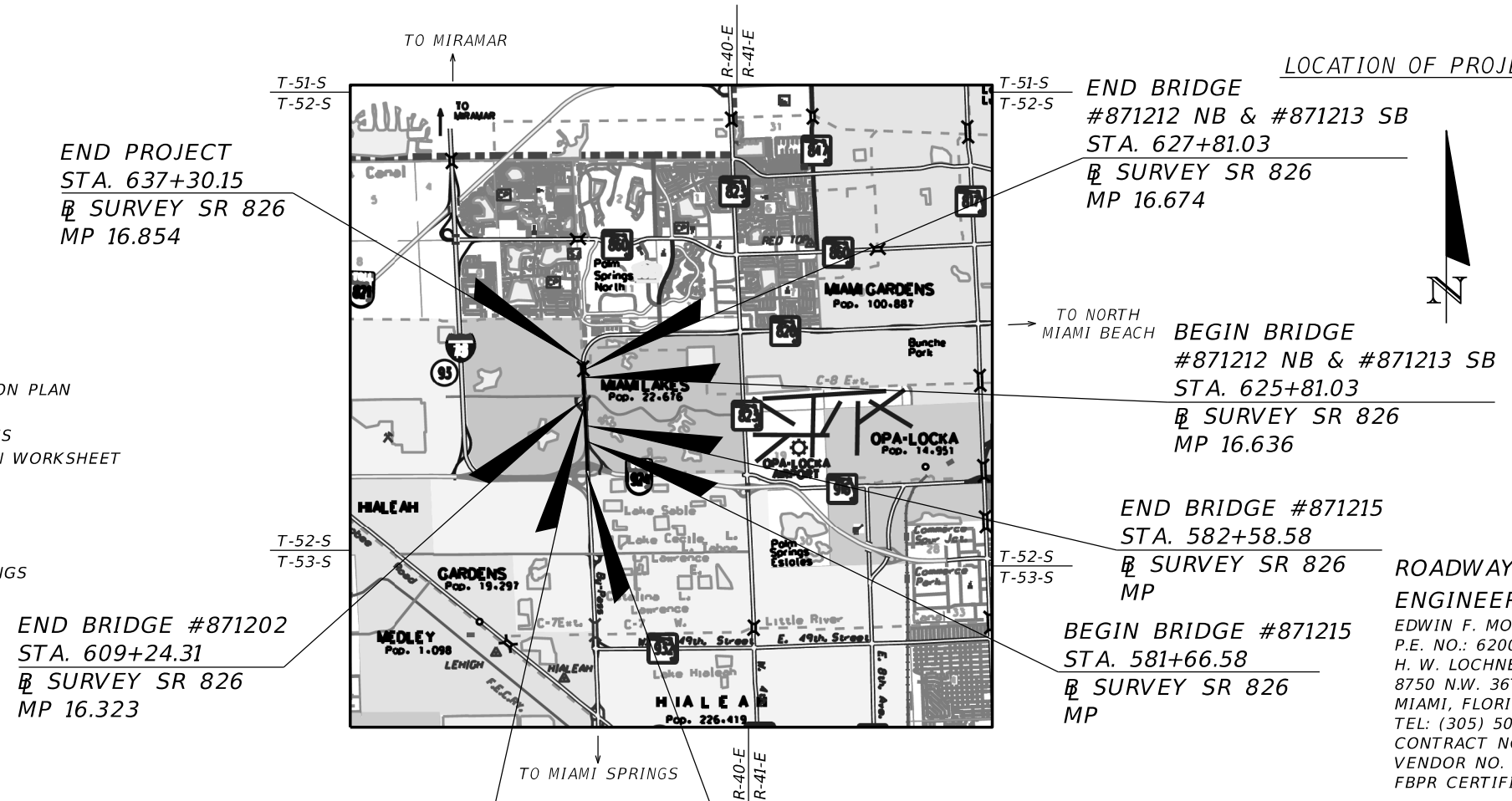
MIAMI-DADE COUNTY (87260)

STATE ROAD NO. 826

SR 826/PALMETTO EXPY FROM I-75 TO N. OF CANAL C-8 BRIDGE
(APPROX NW 162nd ST)



LOCATION OF PROJECT



END PROJECT
STA. 637+30.15
SURVEY SR 826
MP 16.854

END BRIDGE
#871212 NB & #871213 SB
STA. 627+81.03
SURVEY SR 826
MP 16.674

BEGIN BRIDGE
#871212 NB & #871213 SB
STA. 625+81.03
SURVEY SR 826
MP 16.636

END BRIDGE #871215
STA. 582+58.58
SURVEY SR 826
MP

BEGIN BRIDGE #871215
STA. 581+66.58
SURVEY SR 826
MP

END BRIDGE #871202
STA. 609+24.31
SURVEY SR 826
MP 16.323

BEGIN BRIDGE #871202
STA. 607+65.80
SURVEY SR 826
MP 16.293

BEGIN PROJECT
STA. 537+63.04
SURVEY SR 826
MP 15.057

ROADWAY PLANS
ENGINEER OF RECORD:
EDWIN F. MOJENA, P.E.
P.E. NO.: 62002
H. W. LOCHNER, INC.
8750 N.W. 36TH AVENUE, SUITE 360
MIAMI, FLORIDA 33178
TEL: (305) 503-9873; FAX: (305) 503-9882
CONTRACT NO. C9Q44
VENDOR NO. VF-362-338-11
FBPR CERTIFICATE OF AUTH. #894

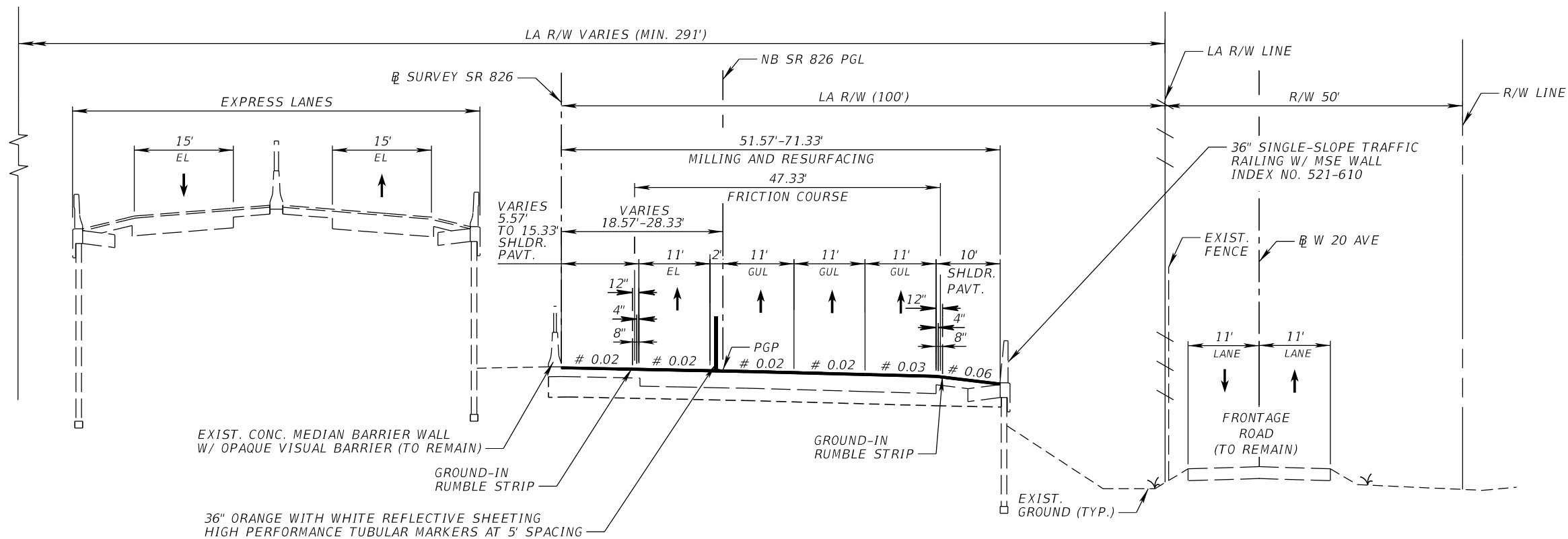
FDOT PROJECT MANAGER:
RAUL QUINTELA, P.E.

KEY SHEET REVISIONS	
DATE	DESCRIPTION

90% SUBMITTAL

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
T6468	22	1

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



TYPICAL SECTION
SR 826

TYPICAL SECTION
W 20th AVE

STA. 831+10.00 TO STA. 832+66.20 NB SR 826 PGL =
STA. 539+24.63 TO STA. 540+80.61 @ SURVEY SR 826

TRAFFIC DATA

CURRENT YEAR = 2016 AADT = 141900
 ESTIMATED OPENING YEAR = 2026 AADT = 158600
 ESTIMATED DESIGN YEAR = 2046 AADT = 184200
 K = 8.0% D = 63.6% T = 8.1% (24 HOUR)
 DESIGN HOUR T = 8.1%
 DESIGN SPEED = 60 MPH

NORTHBOUND ROADWAY MILLING

MILL EXISTING ASPHALT
 PAVEMENT FOR DEPTH (1 3/4")

NORTHBOUND ROADWAY RESURFACING

FRICTION COURSE FC-5 (3/4") PG 76-22
 TYPE SP STRUCTURAL COURSE (TRAFFIC D) (1")

NORTHBOUND SHOULDER MILLING

MILL EXISTING ASPHALT
 PAVEMENT FOR DEPTH (1")

NORTHBOUND SHOULDER RESURFACING

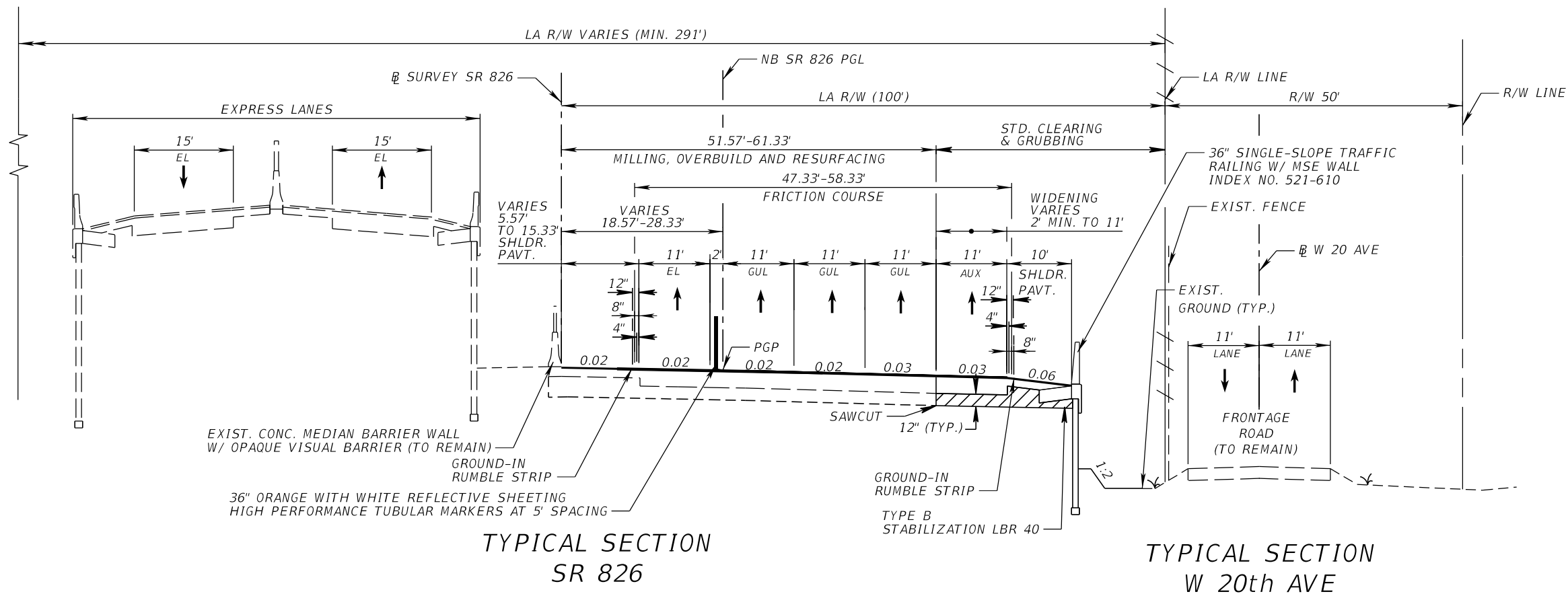
PG 76-22 TYPE SP STRUCTURAL COURSE
 (TRAFFIC B) (2 1/2")

EL = EXPRESS LANES
 GUL = GENERAL USE LANES
 AUX = AUXILIARY LANES

REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 38
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 826	MIAMI-DADE	435760-1-52-01	

TYPICAL SECTIONS

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



STA. 832+66.20 TO STA. 839+40.60 NB SR 826 PGL =
 STA. 540+80.61 TO STA. 547+54.72 @ SURVEY SR 826

STA. 540+81.07 TO STA. 548+93.91 @ W 20th AVE

NORTHBOUND MILLING

MILL EXISTING ASPHALT
 PAVEMENT FOR DEPTH (1 3/4")

NORTHBOUND RESURFACING

TYPE SP STRUCTURAL COURSE (TRAFFIC D) (1")
 FRICTION COURSE FC-5 (3/4") PG 76-22

WIDENING/RECONSTRUCTION

OPTIONAL BASE GROUP 10 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC D) (4")
 AND FRICTION COURSE FC-5 (3/4") PG 76-22

SHOULDER PAVEMENT

OPTIONAL BASE GROUP 4 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC B) (2 1/2")

TRAFFIC DATA

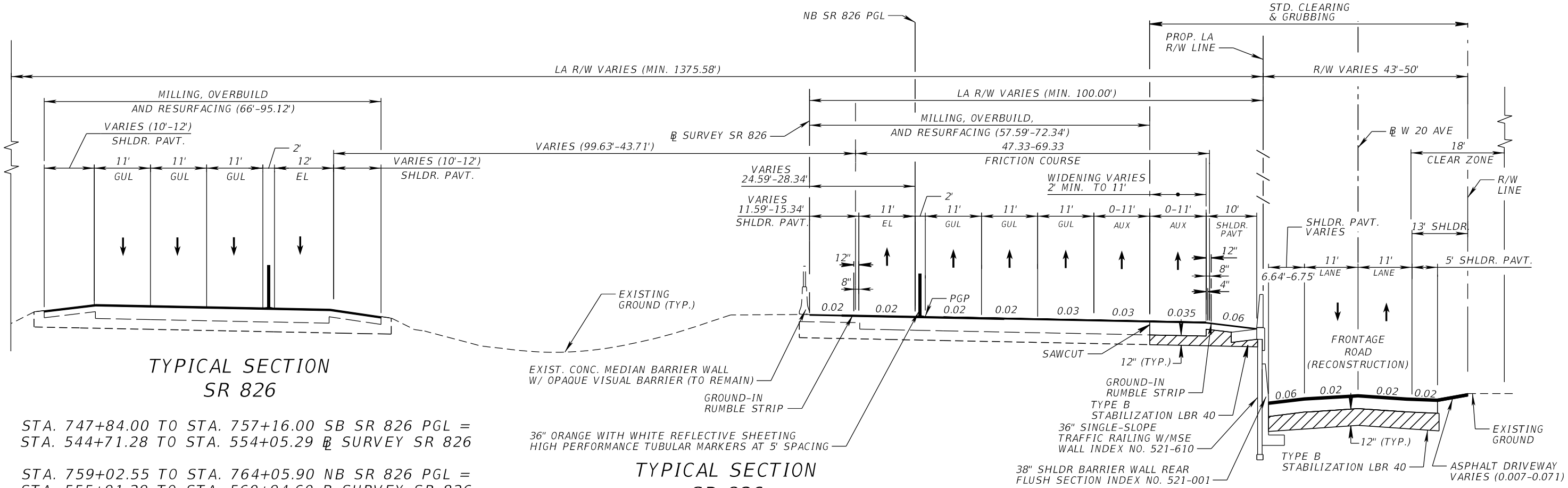
CURRENT YEAR = 2016 AADT = 141900
 ESTIMATED OPENING YEAR = 2026 AADT = 158600
 ESTIMATED DESIGN YEAR = 2046 AADT = 184200
 K = 8.0% D = 63.6% T = 8.1% (24 HOUR)
 DESIGN HOUR T = 8.1%
 DESIGN SPEED = 60 MPH

EL = EXPRESS LANES
 GUL = GENERAL USE LANES
 AUX = AUXILIARY LANES

REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 39
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 826	MIAMI-DADE	435760-1-52-01	

TYPICAL SECTIONS

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



**TYPICAL SECTION
SR 826**

**TYPICAL SECTION
SR 826**

**TYPICAL SECTION
W 20th AVE**

STA. 747+84.00 TO STA. 757+16.00 SB SR 826 PGL =
STA. 544+71.28 TO STA. 554+05.29 @ SURVEY SR 826

STA. 759+02.55 TO STA. 764+05.90 NB SR 826 PGL =
STA. 555+91.29 TO STA. 560+94.60 @ SURVEY SR 826

STA. 839+40.60 TO STA. 845+90.99 NB SR 826 PGL =
STA. 547+54.72 TO STA. 554+05.29 @ SURVEY SR 826

STA. 548+93.91 TO STA. 554+70.84 @ W 20th AVE

SOUTHBOUND SHOULDER MILLING

MILL EXISTING ASPHALT
PAVEMENT FOR DEPTH (1")

SOUTHBOUND SHOULDER RESURFACING

PG 76-22 TYPE SP STRUCTURAL COURSE
(TRAFFIC D) (1")

MILLING

MILL EXISTING ASPHALT
PAVEMENT FOR DEPTH (1 3/4")

RESURFACING

TYPE SP STRUCTURAL COURSE (TRAFFIC D) (1")
FRICTION COURSE FC-5 (3/4") (TRAFFIC D) PG 76-22

TRAFFIC DATA

CURRENT YEAR = 2016 AADT = 141900
ESTIMATED OPENING YEAR = 2026 AADT = 158600
ESTIMATED DESIGN YEAR = 2046 AADT = 184200
K = 8.0% D = 63.6% T = 8.1% (24 HOUR)
DESIGN HOUR T = 8.1%
DESIGN SPEED = 60 MPH

MILLING

MILL EXISTING ASPHALT
PAVEMENT FOR DEPTH (1 3/4")

RESURFACING

TYPE SP STRUCTURAL COURSE (TRAFFIC D) (1")
FRICTION COURSE FC-5 (3/4") (TRAFFIC D) PG 76-22

WIDENING/RECONSTRUCTION

OPTIONAL BASE GROUP 10 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC D) (4")
AND FRICTION COURSE FC-5 (3/4") PG 76-22

SHOULDER PAVEMENT

OPTIONAL BASE GROUP 4 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC B) (2 1/2")

RECONSTRUCTION

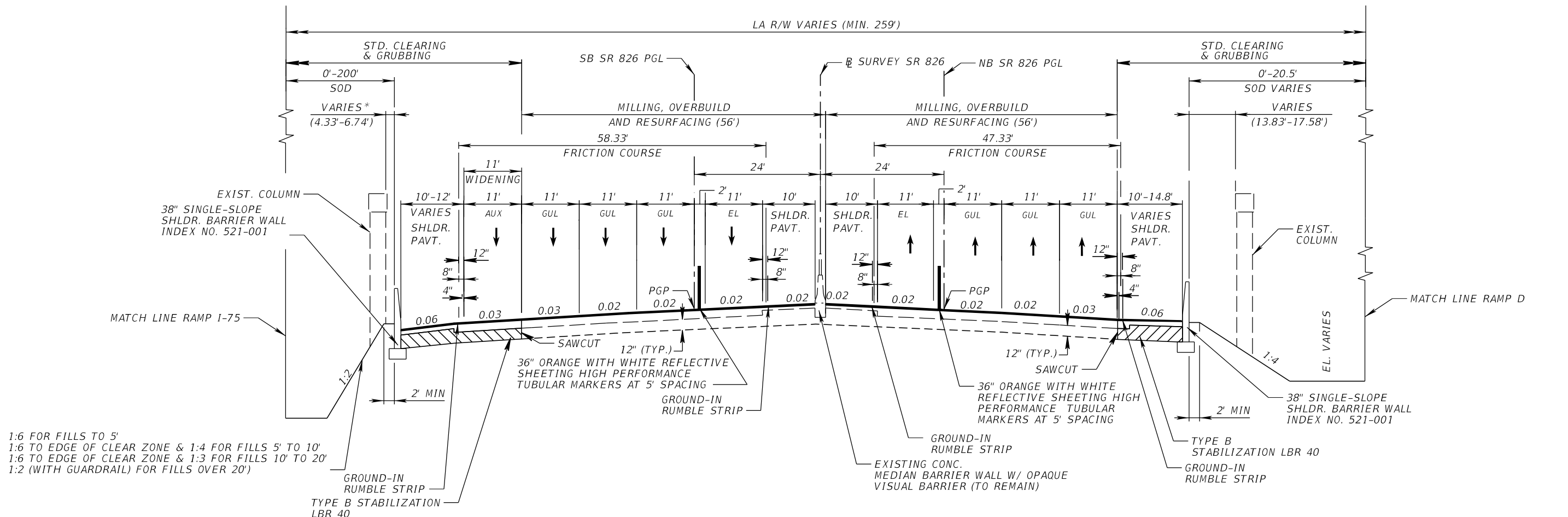
OPTIONAL BASE GROUP 6 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC B) (3 1/2")
AND FRICTION COURSE FC-9.5 (TRAFFIC B) (1 1/2") (PG 76-22)

EL = EXPRESS LANES
GUL = GENERAL USE LANES
AUX = AUXILIARY LANES

REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 40
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 826	MIAMI-DADE	435760-1-52-01	

TYPICAL SECTIONS

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



1:6 FOR FILLS TO 5'
 1:6 TO EDGE OF CLEAR ZONE & 1:4 FOR FILLS 5' TO 10'
 1:6 TO EDGE OF CLEAR ZONE & 1:3 FOR FILLS 10' TO 20'
 1:2 (WITH GUARDRAIL) FOR FILLS OVER 20'

**TYPICAL SECTION
 SR 826**

STA. 764+05.90 TO STA. 771+89.26 SB SR 826 PGL = STA. 845+90.99 TO STA. 846+10.99 NB SR 826 PGL =
 STA. 560+94.60 TO STA. 568+77.96 @ SURVEY SR 826 STA. 554+05.29 TO STA. 554+25.29 @ SURVEY SR 826
 STA. 847+76.99 TO STA. 860+08.96 NB SR 826 PGL =
 STA. 555+91.29 TO STA. 568+23.25 @ SURVEY SR 826

TRAFFIC DATA

CURRENT YEAR = 2016 AADT = 141900
 ESTIMATED OPENING YEAR = 2026 AADT = 158600
 ESTIMATED DESIGN YEAR = 2046 AADT = 184200
 K = 8.0% D = 63.6% T = 8.1% (24 HOUR)
 DESIGN HOUR T = 8.1%
 DESIGN SPEED = 60 MPH

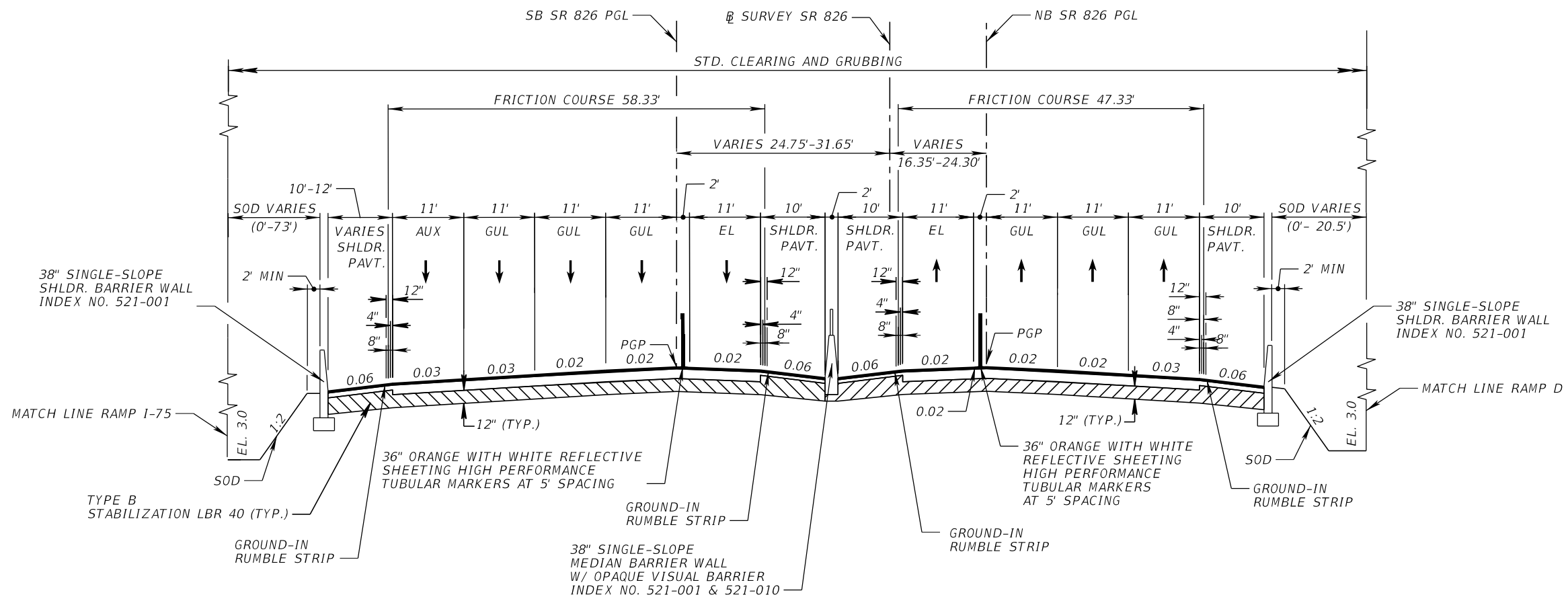
- MILLING**
 MILL EXISTING ASPHALT
 PAVEMENT FOR DEPTH (1 3/4"), AVG.
- RESURFACING**
 TYPE SP STRUCTURAL COURSE (TRAFFIC D) (1")
 FRICTION COURSE FC-5 (3/4") PG 76-22
- WIDENING/RECONSTRUCTION**
 OPTIONAL BASE GROUP 10 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC D) (4")
 AND FRICTION COURSE FC-5 (3/4") PG 76-22
- SHOULDER PAVEMENT**
 OPTIONAL BASE GROUP 4 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC B) (2 1/2")

EL = EXPRESS LANES
 GUL = GENERAL USE LANES
 AUX = AUXILIARY LANES

REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 41
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 826	MIAMI-DADE	435760-1-52-01	

TYPICAL SECTIONS

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



**TYPICAL SECTION
SR 826**

STA. 771+89.26 TO STA. 778+32.31 SB SR 826 PGL = STA. 860+08.96 TO STA. 867+07.15 NB SR 826 PGL =
 STA. 568+77.96 TO STA. 575+21.68 \emptyset SURVEY SR 826 STA. 568+23.25 TO STA. 575+21.68 \emptyset SURVEY SR 826

TRAFFIC DATA

CURRENT YEAR = 2016 AADT = 141900
 ESTIMATED OPENING YEAR = 2026 AADT = 158600
 ESTIMATED DESIGN YEAR = 2046 AADT = 184200
 K = 8.0% D = 63.6% T = 8.1% (24 HOUR)
 DESIGN HOUR T = 8.1%
 DESIGN SPEED = 60 MPH

TRAVEL LANE RECONSTRUCTION

OPTIONAL BASE GROUP 10 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC D) (4")
 AND FRICTION COURSE FC-5 (3/4") PG 76-22

SHOULDER RECONSTRUCTION

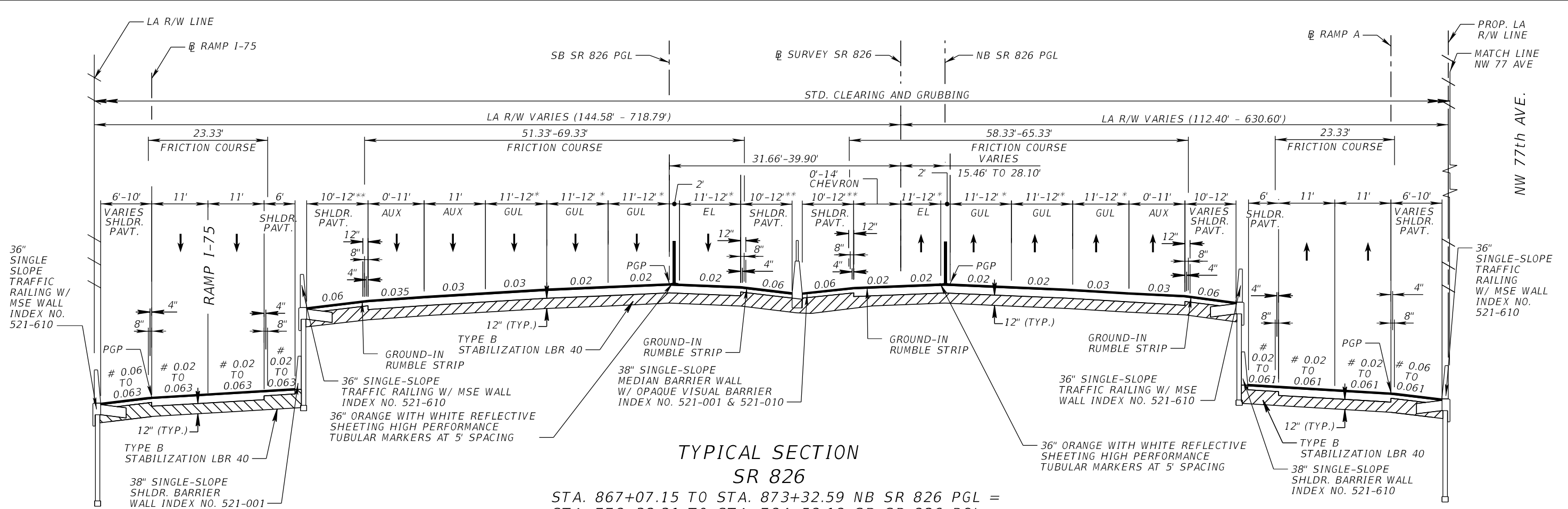
OPTIONAL BASE GROUP 4 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC B) (2 1/2")

EL = EXPRESS LANES
 GUL = GENERAL USE LANES
 AUX = AUXILIARY LANES

REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 42
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 826	MIAMI-DADE	435760-1-52-01	

TYPICAL SECTIONS

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



TYPICAL SECTION RAMP I-75
 STA. 805+79.45 TO STA. 812+88.23 @ RAMP I-75
 STA. 814+19.73 TO STA. 819+10.64 @ RAMP I-75

TYPICAL SECTION SR 826
 STA. 867+07.15 TO STA. 873+32.59 NB SR 826 PGL =
 STA. 778+32.31 TO STA. 784+58.18 SB SR 826 PGL =
 STA. 575+21.68 TO STA. 581+46.83 @ SURVEY SR 826
 STA. 874+64.09 TO STA. 898+85.88 NB SR 826 PGL =
 STA. 785+89.68 TO STA. 810+11.39 SB SR 826 PGL =
 STA. 582+78.33 TO STA. 607+00.04 @ SURVEY SR 826

TYPICAL SECTION RAMP A
 STA. 226+96.14 TO STA. 228+11.57 @ RAMP A
 STA. 229+43.07 TO STA. 230+57.85 @ RAMP A

CROSS SLOPE RANGE
 INCLUDES SUPERELEVATION

- * NOTE:
 1. LANE TRANSITION FROM 11'-12"
 NB 884+85.78 TO 898+85.86
 SB 802+11.36 TO 810+11.39
 2. SHOULDER TRANSITION FROM 10'-12"
 NB 884+85.78 TO 898+85.86
 SB 802+11.36 TO 810+11.39
 EL = EXPRESS LANES
 GUL = GENERAL USE LANES
 AUX = AUXILIARY LANES

TRAFFIC DATA

CURRENT YEAR = 2016 AADT = 141900
 ESTIMATED OPENING YEAR = 2026 AADT = 158600
 ESTIMATED DESIGN YEAR = 2046 AADT = 184200
 K = 8.0% D = 63.6% T = 8.1% (24 HOUR)
 DESIGN HOUR T = 8.1%
 DESIGN SPEED = 60 MPH

TRAVEL LANE RECONSTRUCTION

OPTIONAL BASE GROUP 10 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC D) (4")
 AND FRICTION COURSE FC-5 (3/4") PG 76-22

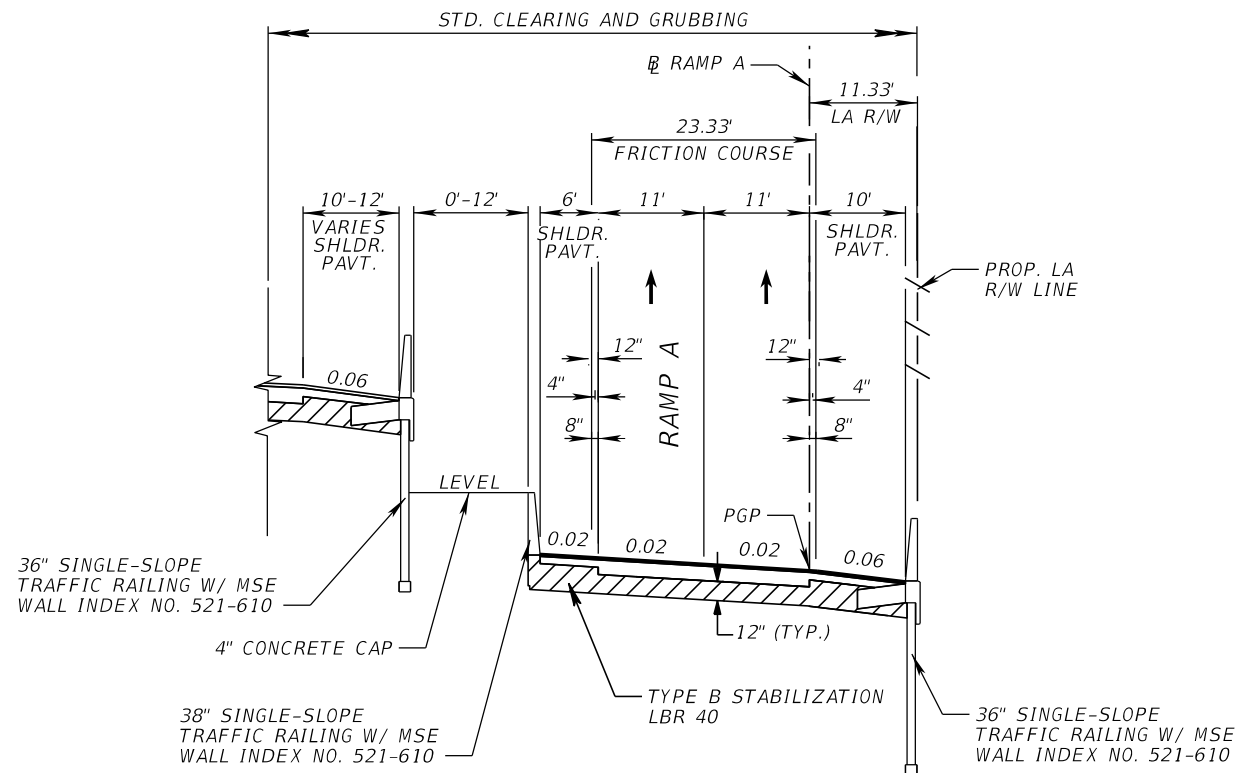
SHOULDER RECONSTRUCTION

OPTIONAL BASE GROUP 4 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC B) (2 1/2")

REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 43
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 826	MIAMI-DADE	435760-1-52-01	

TYPICAL SECTIONS

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**TYPICAL SECTION
RAMP A**

STA. 230+57.85 TO STA. 238+79.54 ⊕ RAMP A

TRAVEL LANE RECONSTRUCTION

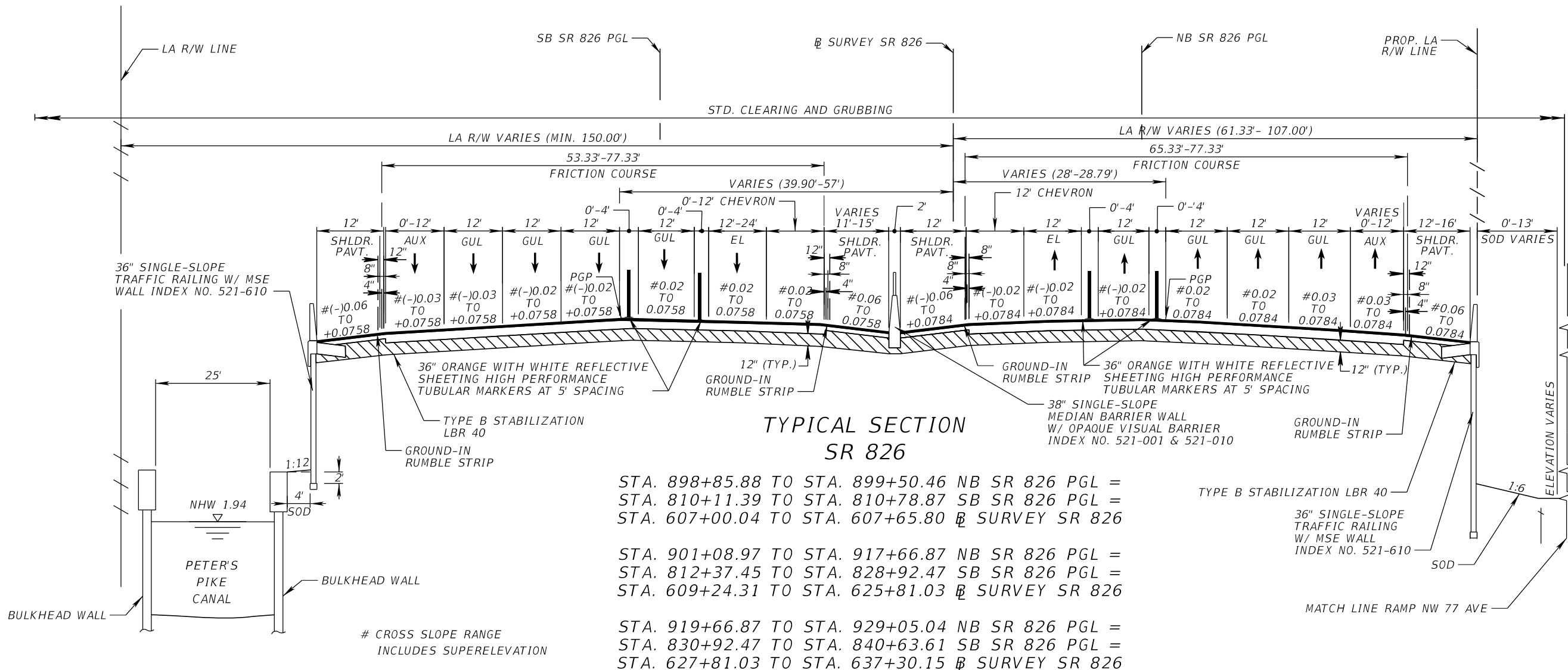
OPTIONAL BASE GROUP 9 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3.5")
AND FRICTION COURSE FC-5 (¾") PG 76-22

SHOULDER RECONSTRUCTION

OPTIONAL BASE GROUP 2 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1½")

REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 44
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 826	MIAMI-DADE	435760-1-52-01	

TYPICAL SECTIONS



**TYPICAL SECTION
SR 826**

STA. 898+85.88 TO STA. 899+50.46 NB SR 826 PGL =
 STA. 810+11.39 TO STA. 810+78.87 SB SR 826 PGL =
 STA. 607+00.04 TO STA. 607+65.80 SURVEY SR 826

STA. 901+08.97 TO STA. 917+66.87 NB SR 826 PGL =
 STA. 812+37.45 TO STA. 828+92.47 SB SR 826 PGL =
 STA. 609+24.31 TO STA. 625+81.03 SURVEY SR 826

STA. 919+66.87 TO STA. 929+05.04 NB SR 826 PGL =
 STA. 830+92.47 TO STA. 840+63.61 SB SR 826 PGL =
 STA. 627+81.03 TO STA. 637+30.15 SURVEY SR 826

CROSS SLOPE RANGE
INCLUDES SUPERELEVATION

TRAFFIC DATA

CURRENT YEAR = 2016 AADT = 141900
 ESTIMATED OPENING YEAR = 2026 AADT = 158600
 ESTIMATED DESIGN YEAR = 2046 AADT = 184200
 K = 8.0% D = 63.6% T = 8.1% (24 HOUR)
 DESIGN HOUR T = 8.1%
 DESIGN SPEED = 60 MPH

TRAVEL LANE RECONSTRUCTION

OPTIONAL BASE GROUP 10 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC D) (4")
 AND FRICTION COURSE FC-5 (3/4") (PG 76-22)

SHOULDER RECONSTRUCTION

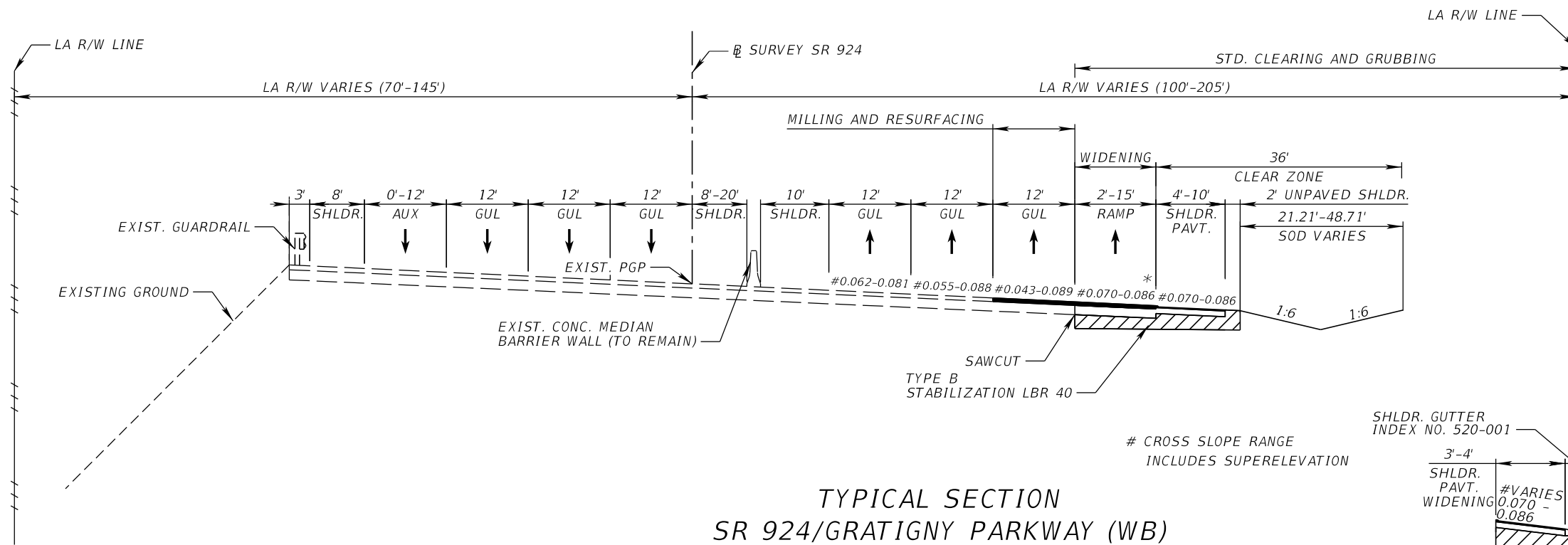
OPTIONAL BASE GROUP 4 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC D) (2 1/2")

EL = EXPRESS LANES
 GUL = GENERAL USE LANES
 AUX = AUXILIARY LANES

REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 45
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 826	MIAMI-DADE	435760-1-52-01	

TYPICAL SECTIONS

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**TYPICAL SECTION
SR 924/GRATIGNY PARKWAY (WB)**

STA. 159+78.88 TO STA. 167+12.16 @ SURVEY SR 924

WESTBOUND MILLING

MILL EXISTING ASPHALT
PAVEMENT FOR DEPTH (1")

WESTBOUND RESURFACING

FRICITION COURSE FC-9.5 (1") (TRAFFIC C) (PG 76-22)

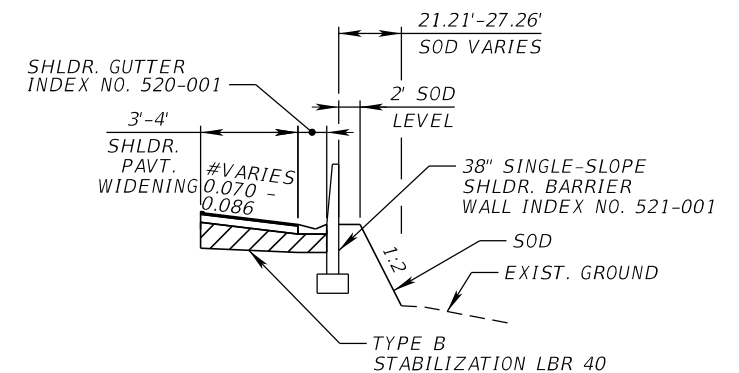
WIDENING/RECONSTRUCTION

OPTIONAL BASE GROUP 9 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC D) (4")
AND FRICITION COURSE FC-5 (¾") PG 76-22

SHOULDER PAVEMENT

OPTIONAL BASE GROUP 3 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC D) (1½")

STA. 166+06.53 TO STA. 157+87.23 @ SURVEY SR 924



EDWIN F. MOJENA, M.S., P.E.
P.E. LICENSE NUMBER 62002
H. W. LOCHNER, INC.
CONSULTING ENGINEERS AND PLANNERS
8750 NW 36th STREET - SUITE 360
MIAMI, FLORIDA - 33178
CERTIFICATE OF AUTHORIZATION 00000894

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

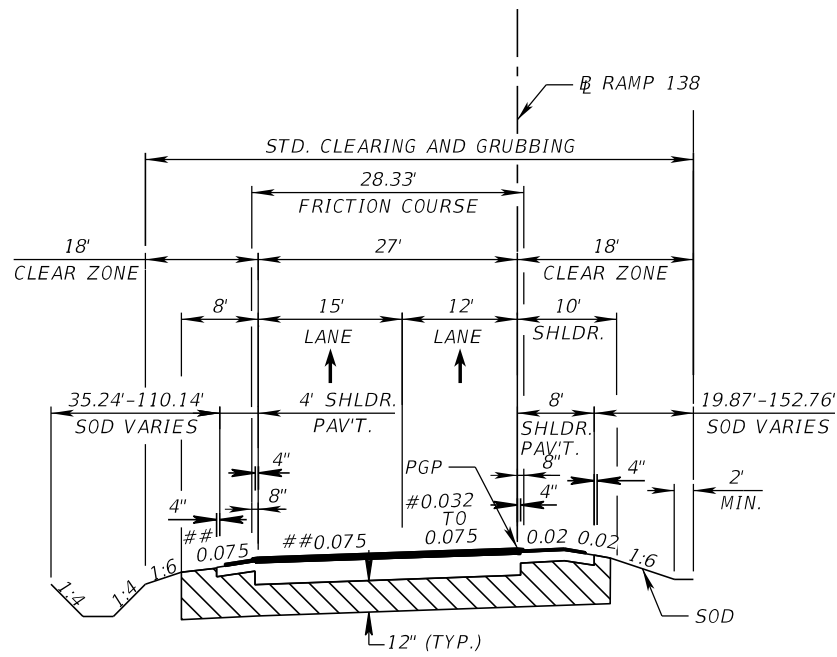
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

TYPICAL SECTIONS

SHEET NO.

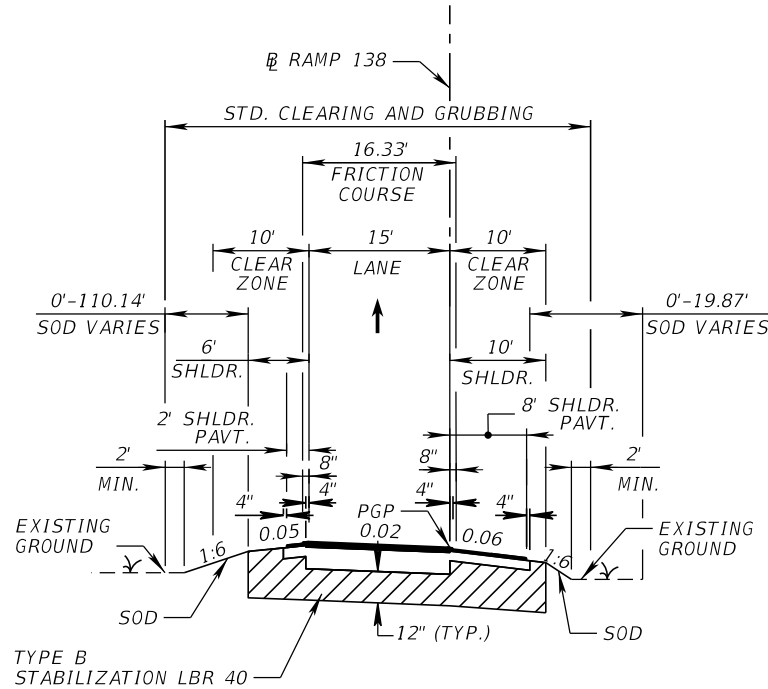
46

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TYPICAL SECTION
RAMP 138

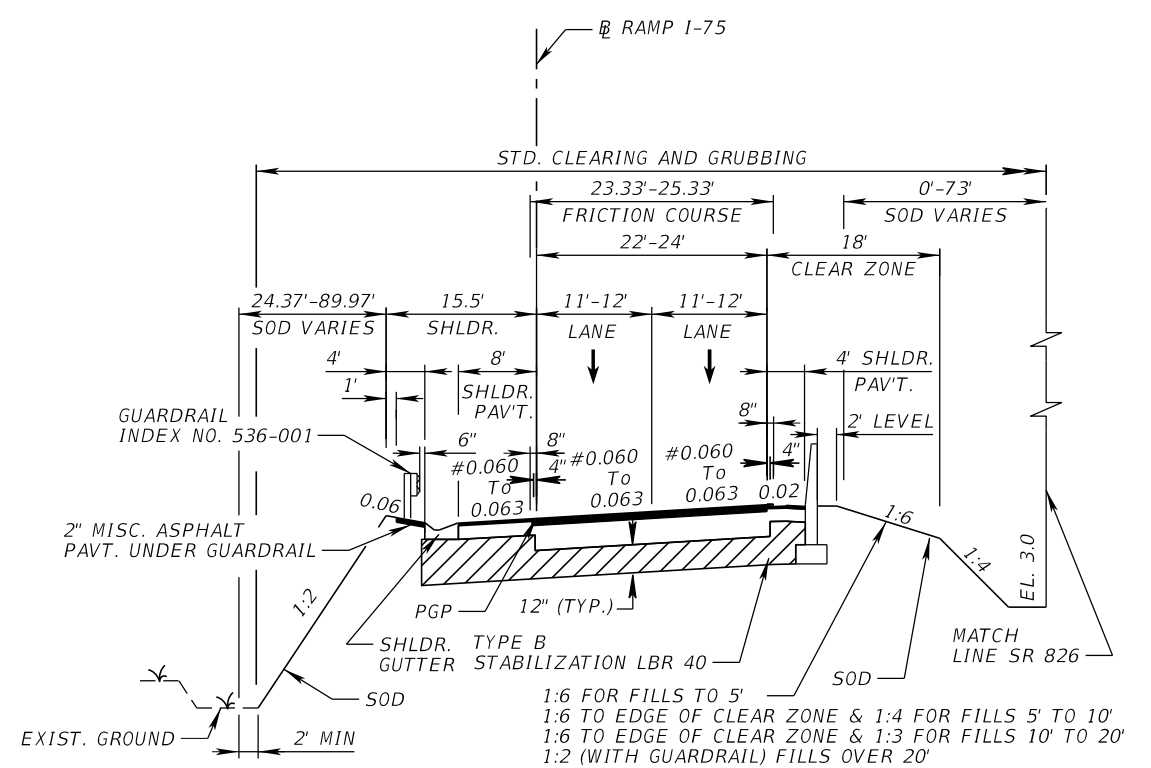
STA. 303+00.00 TO STA. 308+48.34 @ RAMP 138



TYPICAL SECTION
RAMP 138

STA. 308+48.34 TO STA. 312+02.78 @ RAMP 138

CROSS SLOPE RANGE
INCLUDES SUPERELEVATION



TYPICAL SECTION
RAMP I-75

STA. 800+00.00 TO STA. 805+79.45 @ RAMP I-75

RECONSTRUCTION
OPTIONAL BASE GROUP 9 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3 1/2")
AND FRICTION COURSE FC-5 (3/4") PG 76-22

SHOULDER PAVEMENT
OPTIONAL BASE GROUP 2 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2")

RECONSTRUCTION
OPTIONAL BASE GROUP 9 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3 1/2")
AND FRICTION COURSE FC-5 (3/4") PG 76-22

SHOULDER PAVEMENT
OPTIONAL BASE GROUP 1 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2")

RAMP 138 TRAFFIC DATA

CURRENT YEAR = 2016 AADT = N/A
ESTIMATED OPENING YEAR = 2026 AADT = 16000
ESTIMATED DESIGN YEAR = 2046 AADT = 21100
K = 9.0% D = 99.9% T = 7.6% (24 HOUR)
DESIGN HOUR T = 7.6%
DESIGN SPEED = 35 MPH

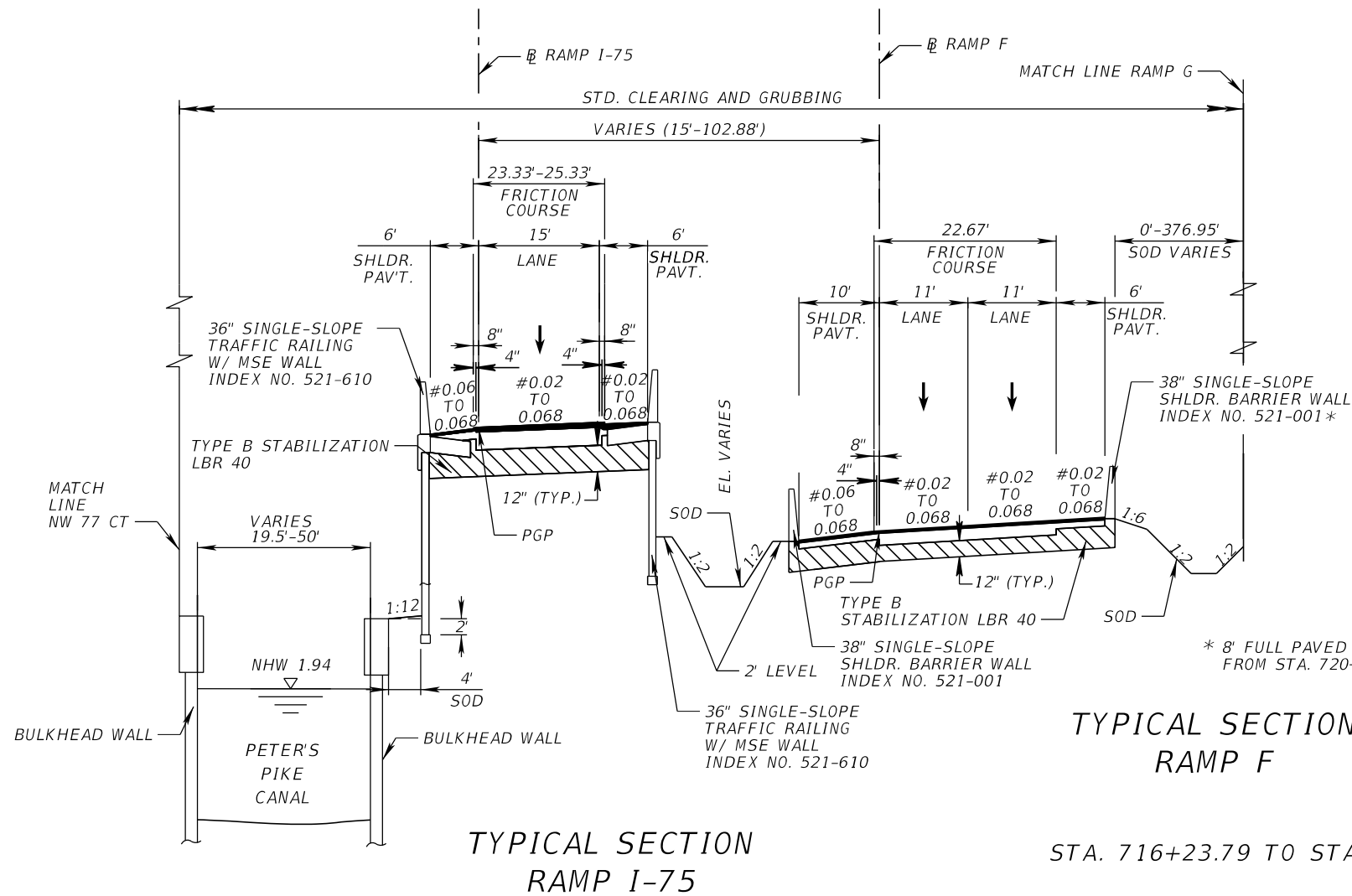
RAMP I-75 TRAFFIC DATA

CURRENT YEAR = 2016 AADT = N/A
ESTIMATED OPENING YEAR = 2026 AADT = 14400
ESTIMATED DESIGN YEAR = 2046 AADT = 16600
K = 9.0% D = 99.9% T = 7.0% (24 HOUR)
DESIGN HOUR T = 7.0%
DESIGN SPEED = 40 MPH

EL = EXPRESS LANES
GUL = GENERAL USE LANES
AUX = AUXILIARY LANES

REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 47
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 826	MIAMI-DADE	435760-1-52-01	

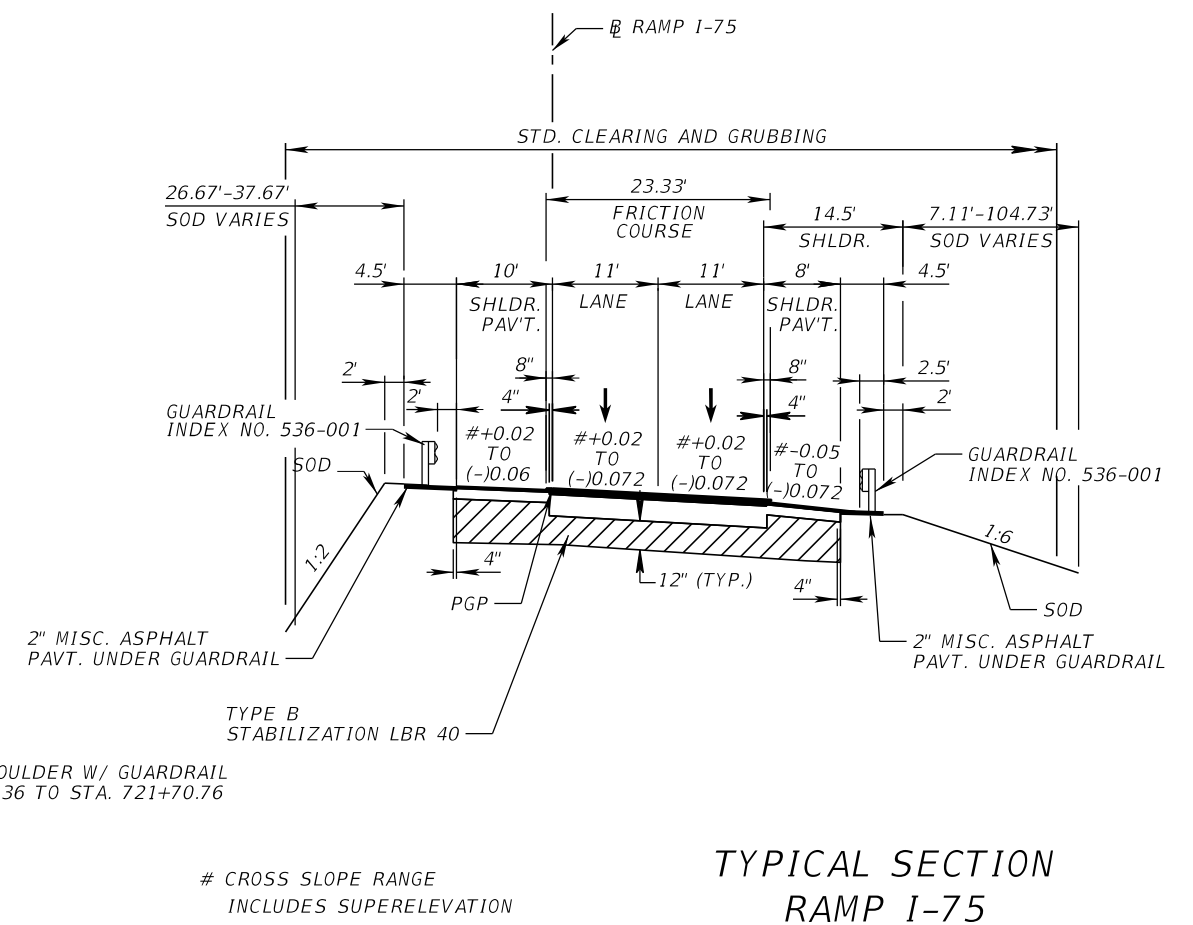
TYPICAL SECTIONS



TYPICAL SECTION RAMP I-75

TYPICAL SECTION RAMP F

STA. 716+23.79 TO STA. 721+70.76 @ RAMP F



TYPICAL SECTION RAMP I-75

STA. 832+86.75 TO STA. 839+05.44 @ RAMP I-75

STA. 819+10.64 TO STA. 822+13.60 @ RAMP I-75

STA. 822+13.60 TO STA. 832+86.75 @ RAMP I-75

RECONSTRUCTION

OPTIONAL BASE GROUP 9 WITH TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3 1/2") AND FRICTION COURSE FC-5 (3/4") PG 76-22

SHOULDER PAVEMENT

OPTIONAL BASE GROUP 1 WITH TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2")

RAMP I-75 TRAFFIC DATA

CURRENT YEAR = 2016 AADT = 13500
 ESTIMATED OPENING YEAR = 2026 AADT = 14400
 ESTIMATED DESIGN YEAR = 2046 AADT = 16600
 K = 9.0% D = 100.0% T = 7.0% (24 HOUR)
 DESIGN HOUR T = 7.0%
 DESIGN SPEED = 35 MPH

RECONSTRUCTION

OPTIONAL BASE GROUP 9 WITH TYPE SP STRUCTURAL COURSE (TRAFFIC B) (2 1/2") AND FRICTION COURSE FC-5 (3/4") PG 76-22

SHOULDER PAVEMENT

OPTIONAL BASE GROUP 1 WITH TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1 1/2")

RAMP I-75 TRAFFIC DATA

CURRENT YEAR = 2016 AADT = N/A
 ESTIMATED OPENING YEAR = 2026 AADT = 3400
 ESTIMATED DESIGN YEAR = 2046 AADT = 5600
 K = 9.0% D = 100.0% T = 2.9% (24 HOUR)
 DESIGN HOUR T = 7.0%
 DESIGN SPEED = 35 MPH

RECONSTRUCTION

OPTIONAL BASE GROUP 9 WITH TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3") AND FRICTION COURSE FC-5 (3/4") PG 76-22

SHOULDER PAVEMENT

OPTIONAL BASE GROUP 1 WITH TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1 1/2")

RAMP F TRAFFIC DATA

CURRENT YEAR = 2016 AADT = N/A
 ESTIMATED OPENING YEAR = 2026 AADT = 20400
 ESTIMATED DESIGN YEAR = 2046 AADT = 33600
 K = 9.0% D = 100.0% T = 2.9% (24 HOUR)
 DESIGN HOUR T = 2.9%
 DESIGN SPEED = 35 MPH

RECONSTRUCTION

OPTIONAL BASE GROUP 9 WITH TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3") AND FRICTION COURSE FC-5 (3/4") PG 76-22

SHOULDER PAVEMENT

OPTIONAL BASE GROUP 1 WITH TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2")

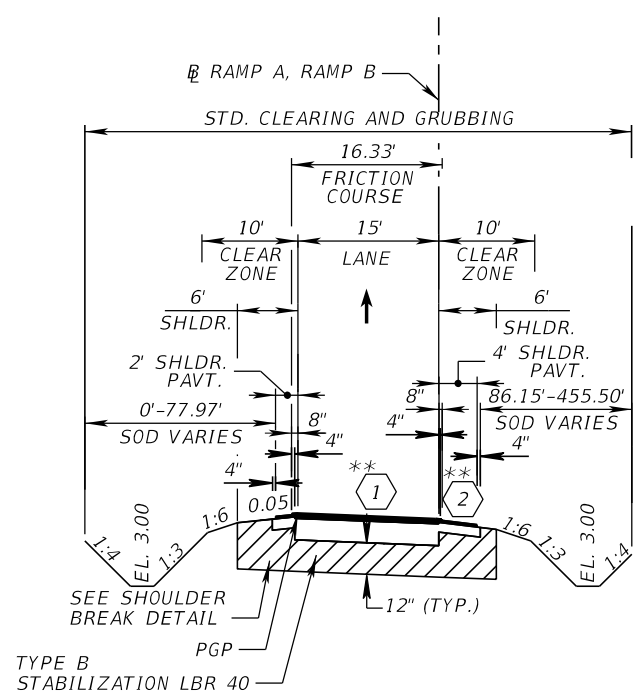
RAMP I-75 TRAFFIC DATA

CURRENT YEAR = 2016 AADT = N/A
 ESTIMATED OPENING YEAR = 2026 AADT = 24900
 ESTIMATED DESIGN YEAR = 2046 AADT = 45000
 K = 9.0% D = 99.9% T = 7.0% (24 HOUR)
 DESIGN HOUR T = 7.0%
 DESIGN SPEED = 35 MPH

REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 48
DATE	DESCRIPTION	DATE	ROAD NO.		COUNTY	FINANCIAL PROJECT ID		
			SR 826		MIAMI-DADE	435760-1-52-01		

TYPICAL SECTIONS

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TYPICAL SECTION RAMP A, RAMP B

STA. 201+88.88 TO STA. 219+80.24 @ RAMP A
 STA. 503+51.04 TO STA. 512+22.94 @ RAMP B

TRAVEL LANE RECONSTRUCTION

OPTIONAL BASE GROUP 9 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3")
 AND FRICTION COURSE FC-5 (3/4") PG 76-22

SHOULDER RECONSTRUCTION

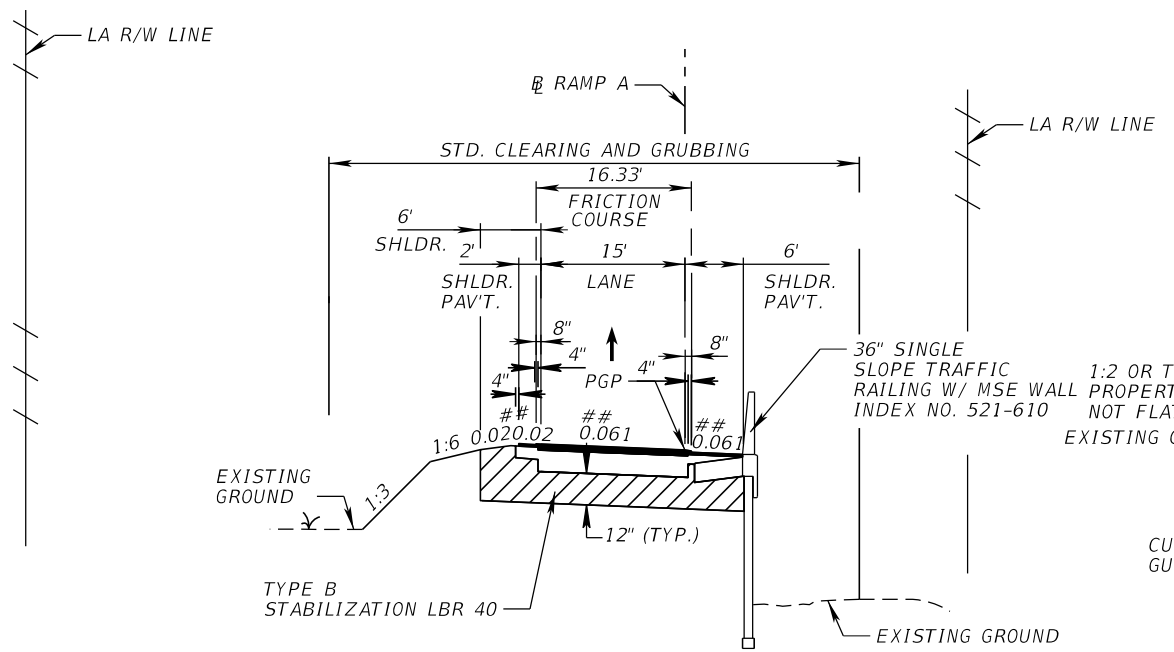
OPTIONAL BASE GROUP 1 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2")

** SUPERELEVATION VALUE RANGES ARE SHOWN

- ① RAMP A: 0.02 TO 0.078
RAMP B: 0.02 TO 0.086
- ② RAMP A: 0.06 TO 0.078
RAMP B: 0.06 TO 0.086

RAMP A TRAFFIC DATA

CURRENT YEAR = 2016 AADT = 0
 ESTIMATED OPENING YEAR = 2026 AADT = 9400
 ESTIMATED DESIGN YEAR = 2046 AADT = 12400
 K = 9.0% D = 99.9% T = 7.6% (24 HOUR)
 DESIGN HOUR T = 7.6%
 DESIGN SPEED = 40 MPH



TYPICAL SECTION RAMP A

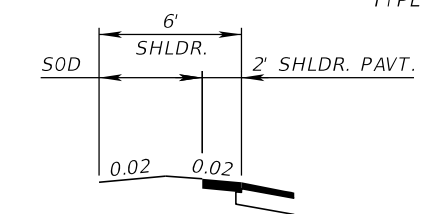
STA. 219+80.24 TO STA. 226+96.14 @ RAMP A

RECONSTRUCTION

OPTIONAL BASE GROUP 9 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3")
 AND FRICTION COURSE FC-5 (3/4") PG 76-22

SHOULDER PAVEMENT

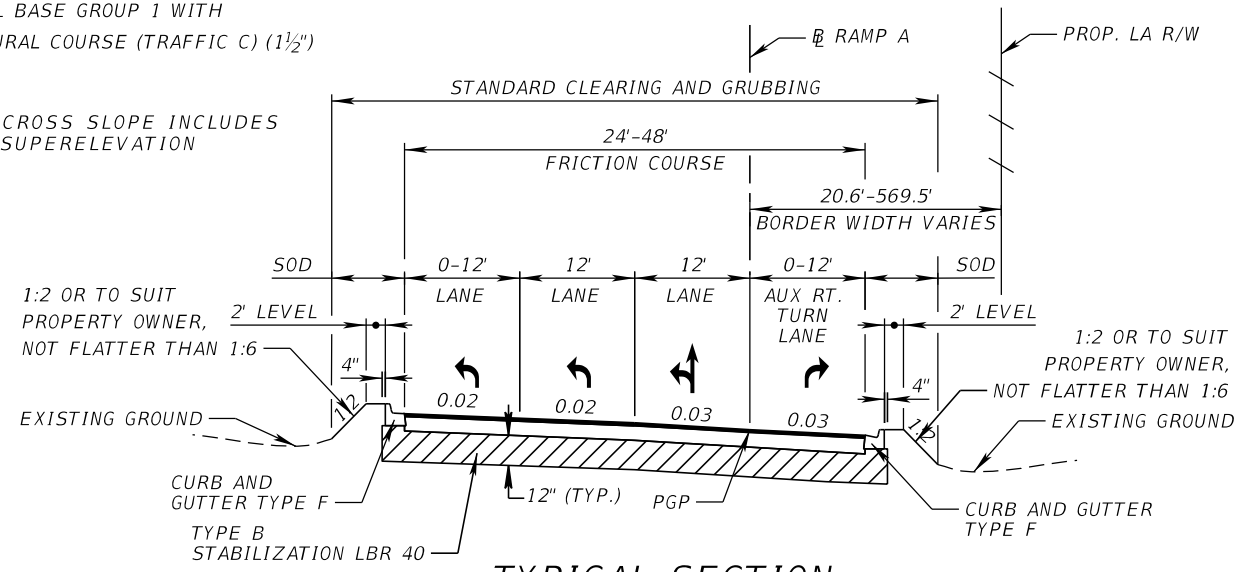
OPTIONAL BASE GROUP 1 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2")



FOR RAMP A AND RAMP B RAMP B TRAFFIC DATA

CURRENT YEAR = 2016 AADT = 0
 ESTIMATED OPENING YEAR = 2026 AADT = 11000
 ESTIMATED DESIGN YEAR = 2046 AADT = 14300
 K = 9.0% D = 99.9% T = 6.9% (24 HOUR)
 DESIGN HOUR T = 6.9%
 DESIGN SPEED = 35 MPH

CROSS SLOPE INCLUDES SUPERELEVATION



TYPICAL SECTION RAMP A

STA. 249+46.27 TO STA. 254+08.38 @ RAMP A

TRAVEL LANE RECONSTRUCTION

OPTIONAL BASE GROUP 9 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3.5")
 AND FRICTION COURSE FC-5 (3/4") PG 76-22

SHOULDER RECONSTRUCTION

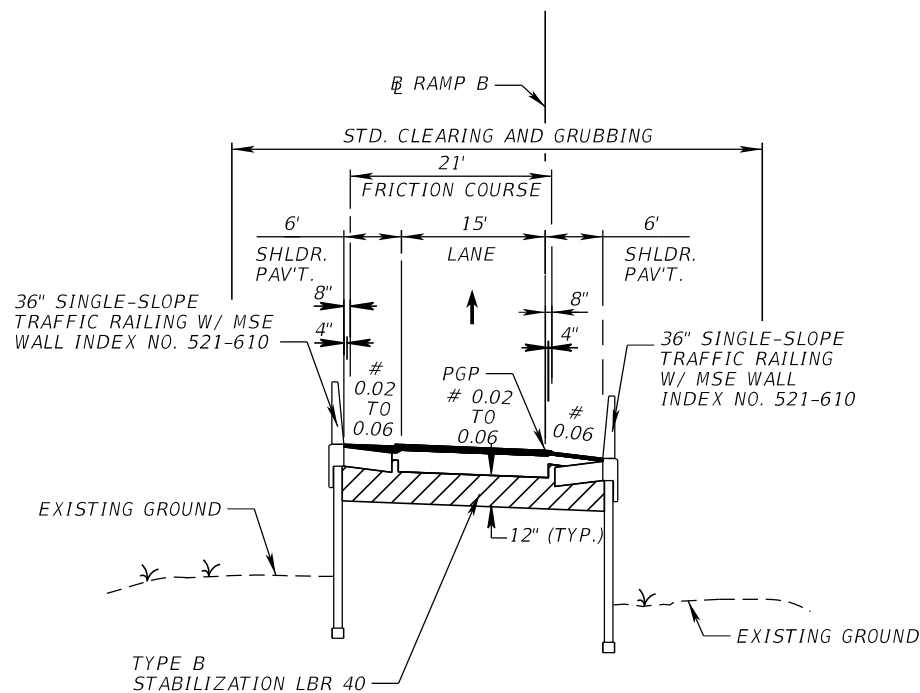
OPTIONAL BASE GROUP 2 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2")

EL = EXPRESS LANES
 GUL = GENERAL USE LANES
 AUX = AUXILIARY LANES

REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 49
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 826	MIAMI-DADE	435760-1-52-01	

TYPICAL SECTIONS

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



**TYPICAL SECTION
RAMP B**

STA. 512+22.94 TO STA. 515+56.63 @ RAMP B
STA. 516+74.55 TO STA. 525+15.98 @ RAMP B

NEW CONSTRUCTION

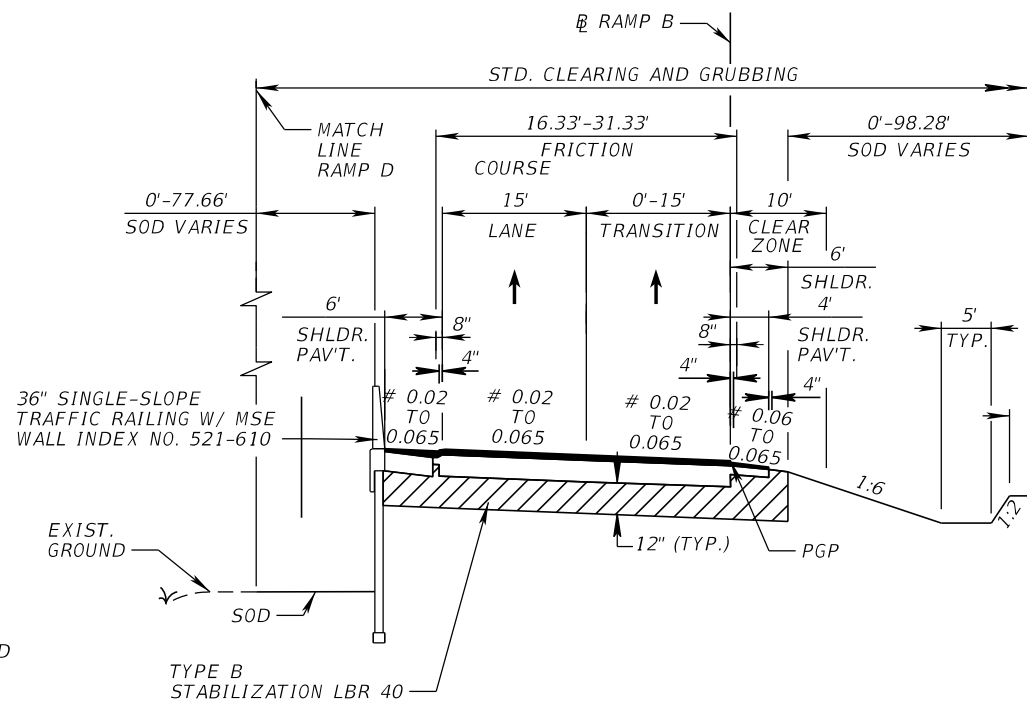
OPTIONAL BASE GROUP 9 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3")
AND FRICTION COURSE FC-5 (3/4") PG 76-22

SHOULDER PAVEMENT

OPTIONAL BASE GROUP 1 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2")

RAMP B TRAFFIC DATA

CURRENT YEAR = 2016 AADT = N/A
ESTIMATED OPENING YEAR = 2026 AADT = 11000
ESTIMATED DESIGN YEAR = 2046 AADT = 14300
K = 9.0% D = 99.9% T = 6.9% (24 HOUR)
DESIGN HOUR T = 6.9%
DESIGN SPEED = 35 MPH



**TYPICAL SECTION
RAMP B**

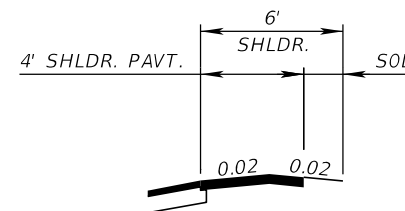
STA. 525+15.98 TO STA. 531+41.69 @ RAMP B

NEW CONSTRUCTION

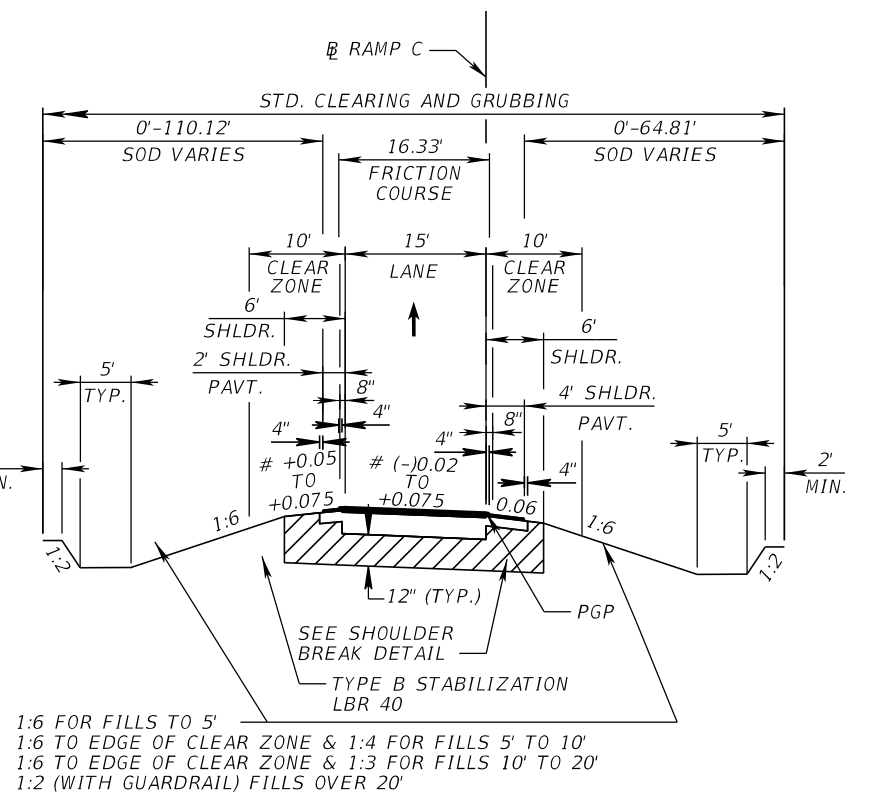
OPTIONAL BASE GROUP 9 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3")
AND FRICTION COURSE FC-5 (3/4") PG 76-22

SHOULDER PAVEMENT

OPTIONAL BASE GROUP 1 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2")



FOR RAMP C



**TYPICAL SECTION
RAMP C**

STA. 400+60.82 TO STA. 404+77.27 @ RAMP C

NEW CONSTRUCTION

OPTIONAL BASE GROUP 9 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2")
AND FRICTION COURSE FC-5 (3/4") PG 76-22

SHOULDER PAVEMENT

OPTIONAL BASE GROUP 1 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1")

RAMP C TRAFFIC DATA

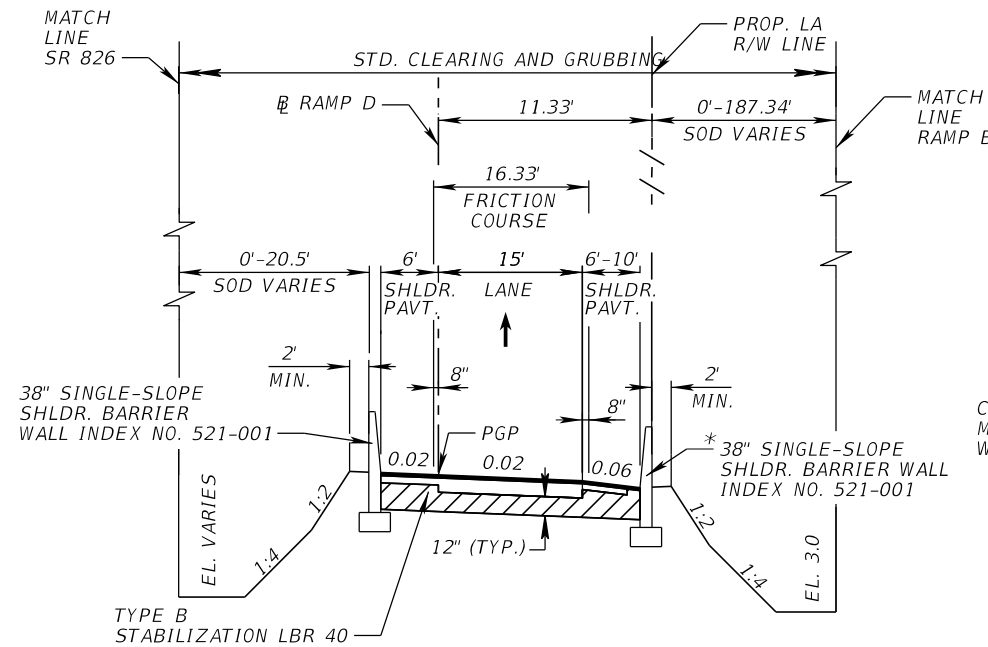
CURRENT YEAR = 2016 AADT = N/A
ESTIMATED OPENING YEAR = 2026 AADT = 16000
ESTIMATED DESIGN YEAR = 2046 AADT = 21100
K = 9.0% D = 99.9% T = 7.6% (24 HOUR)
DESIGN HOUR T = 7.6%
DESIGN SPEED = 35 MPH

EL = EXPRESS LANES
GUL = GENERAL USE LANES
AUX = AUXILIARY LANES

REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 50
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 826	MIAMI-DADE	435760-1-52-01	

TYPICAL SECTIONS

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



**TYPICAL SECTION
RAMP D**

STA. 608+37.48 TO STA. 624+85.23 @ RAMP D
 STA. 627+28.23 TO STA. 630+33.25 @ RAMP D

NEW CONSTRUCTION

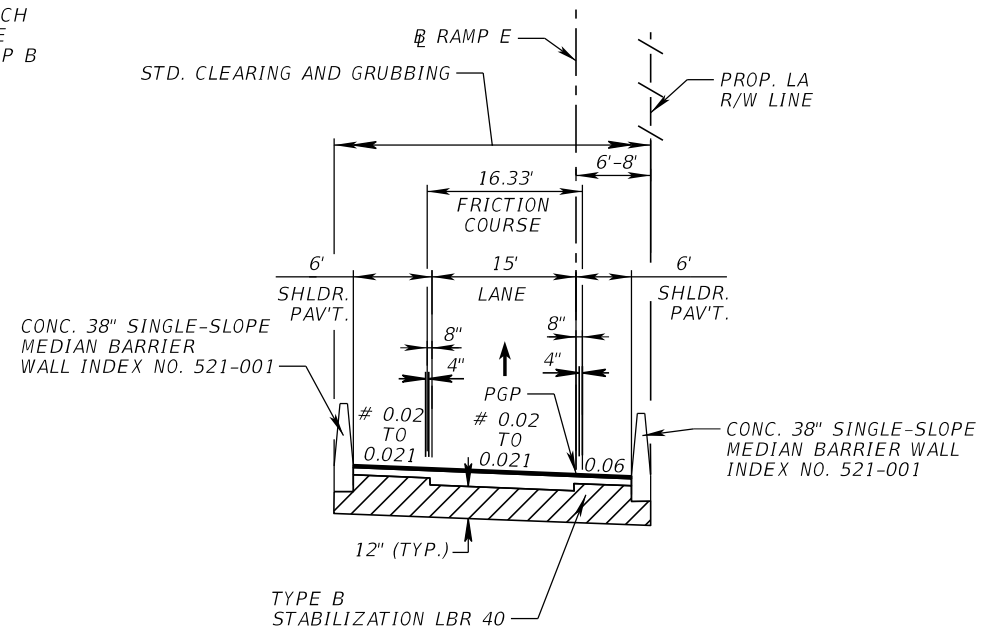
OPTIONAL BASE GROUP 9 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3")
 AND FRICTION COURSE FC-5 (3/4") PG 76-22

SHOULDER PAVEMENT

OPTIONAL BASE GROUP 1 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1")

RAMP D TRAFFIC DATA

CURRENT YEAR = 2016 AADT = N/A
 ESTIMATED OPENING YEAR = 2026 AADT = 15500
 ESTIMATED DESIGN YEAR = 2046 AADT = 17800
 K = 9.0% D = 99.9% T = 4.3% (24 HOUR)
 DESIGN HOUR T = 4.3%
 DESIGN SPEED = 40 MPH



**TYPICAL SECTION
RAMP E**

STA. 501+66.90 TO STA. 508+52.08 @ RAMP E

RECONSTRUCTION

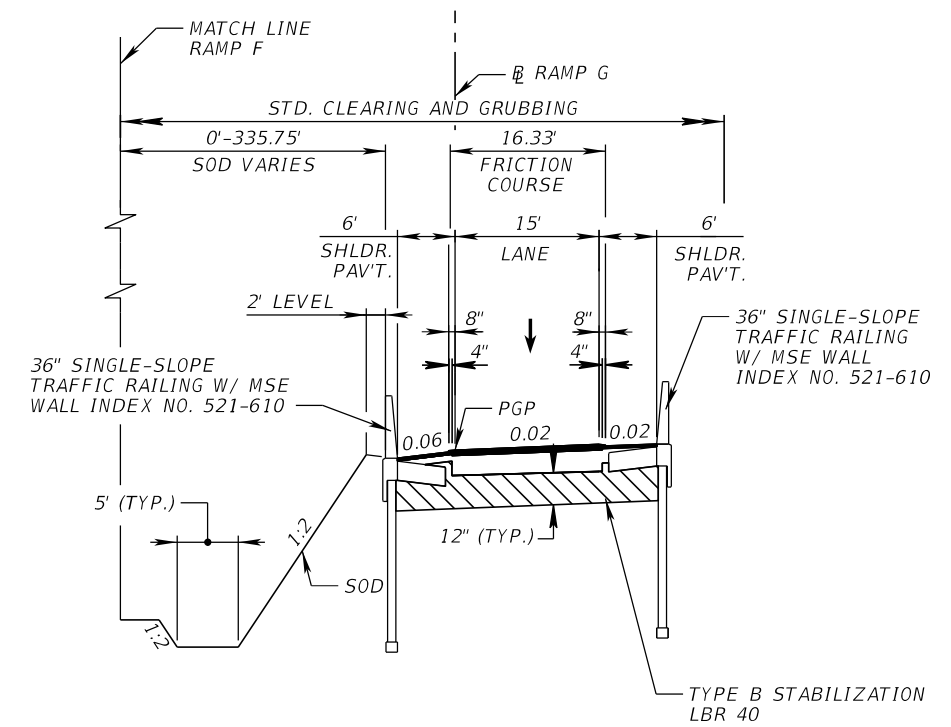
OPTIONAL BASE GROUP 9 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC B) (2")
 AND FRICTION COURSE FC-5 (3/4") PG 76-22

SHOULDER PAVEMENT

OPTIONAL BASE GROUP 1 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1")

RAMP E TRAFFIC DATA

CURRENT YEAR = 2016 AADT = N/A
 ESTIMATED OPENING YEAR = 2026 AADT = 7000
 ESTIMATED DESIGN YEAR = 2046 AADT = 9400
 K = 9.0% D = 99.9% T = 2.3% (24 HOUR)
 DESIGN HOUR T = 2.3%
 DESIGN SPEED = 35 MPH



**TYPICAL SECTION
RAMP G**

STA. 400+46.89 TO STA. 404+97.50 @ RAMP G
 STA. 408+32.50 TO STA. 413+69.08 @ RAMP G

RECONSTRUCTION

OPTIONAL BASE GROUP 9 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3 1/2")
 AND FRICTION COURSE FC-5 (3/4") PG 76-22

SHOULDER PAVEMENT

OPTIONAL BASE GROUP 2 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2")

RAMP G TRAFFIC DATA

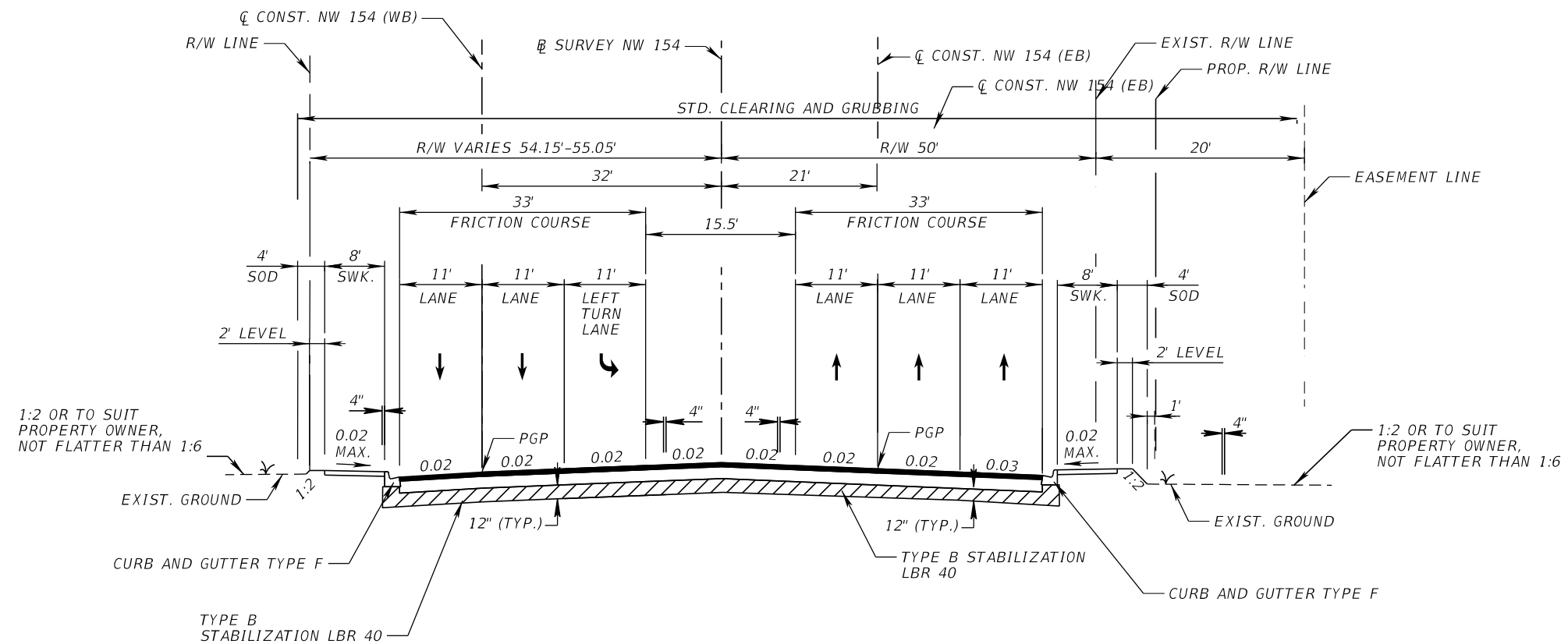
CURRENT YEAR = 2016 AADT = N/A
 ESTIMATED OPENING YEAR = 2026 AADT = 13400
 ESTIMATED DESIGN YEAR = 2046 AADT = 25900
 K = 9.0% D = 99.9% T = 7.0% (24 HOUR)
 DESIGN HOUR T = 7.0%
 DESIGN SPEED = 35 MPH

EL = EXPRESS LANES
 GUL = GENERAL USE LANES
 AUX = AUXILIARY LANES

REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 51
DATE	DESCRIPTION	DATE	ROAD NO.		COUNTY	FINANCIAL PROJECT ID		
			SR 826		MIAMI-DADE	435760-1-52-01		

TYPICAL SECTIONS

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



**TYPICAL SECTION
NW 154th ST**

STA. 12+95.45 TO STA. 13+87.94 \bar{C} CONST. NW 154 (WB) = STA. 112+81.04 TO STA. 113+87.84 \bar{C} CONST. NW 154 (EB) =
 STA. 12+96.91 TO STA. 13+89.71 \bar{B} SURVEY NW 154 STA. 12+82.86 TO STA. 13+89.71 \bar{B} SURVEY NW 154

RECONSTRUCTION

OPTIONAL BASE GROUP 9 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC D) (3½")
 AND FRICTION COURSE FC-12.5 (TRAFFIC D) (1½") PG 76-22

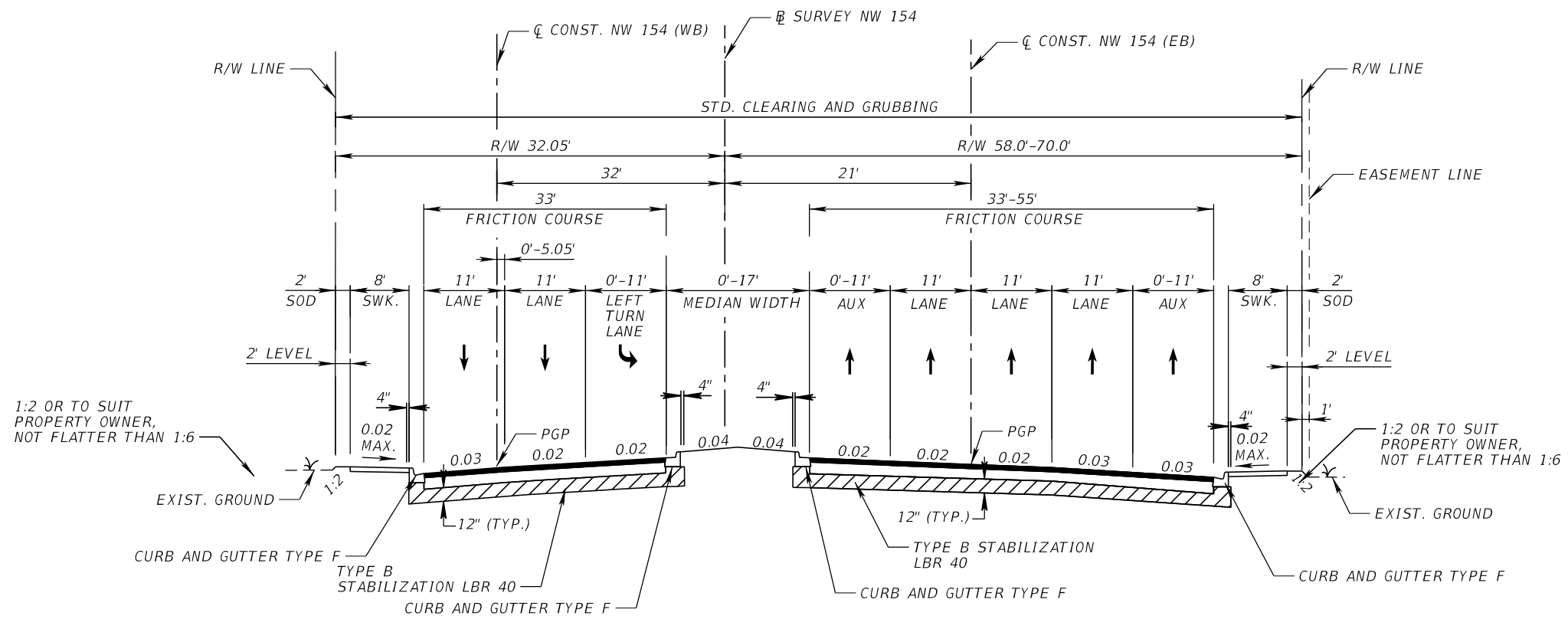
TRAFFIC DATA

CURRENT YEAR = 2016 AADT = 31400
 ESTIMATED OPENING YEAR = 2026 AADT = 41800
 ESTIMATED DESIGN YEAR = 2046 AADT = 62600
 K = 9% D = 54.7% T = 8.4% (24 HOUR)
 DESIGN HOUR T = 8.4%
 DESIGN SPEED = 40 MPH

EL = EXPRESS LANES
 GUL = GENERAL USE LANES
 AUX = AUXILIARY LANES

REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 53
DATE	DESCRIPTION	DATE	ROAD NO.		COUNTY	FINANCIAL PROJECT ID		
			SR 826		MIAMI-DADE	435760-1-52-01		

TYPICAL SECTIONS



**TYPICAL SECTION
NW 154th ST**

STA. 13+87.94 TO STA. 15+02.31 \bar{C} CONST. NW 154 (WB) =
 STA. 113+87.84 TO STA. 115+01.89 \bar{C} CONST. NW 154 (EB) =
 STA. 13+89.71 TO STA. 15+03.77 \bar{B} SURVEY NW 154

RECONSTRUCTION

OPTIONAL BASE GROUP 9 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC D) (3½")
 AND FRICTION COURSE FC-12.5 (TRAFFIC D) (1½") PG 76-22

TRAFFIC DATA

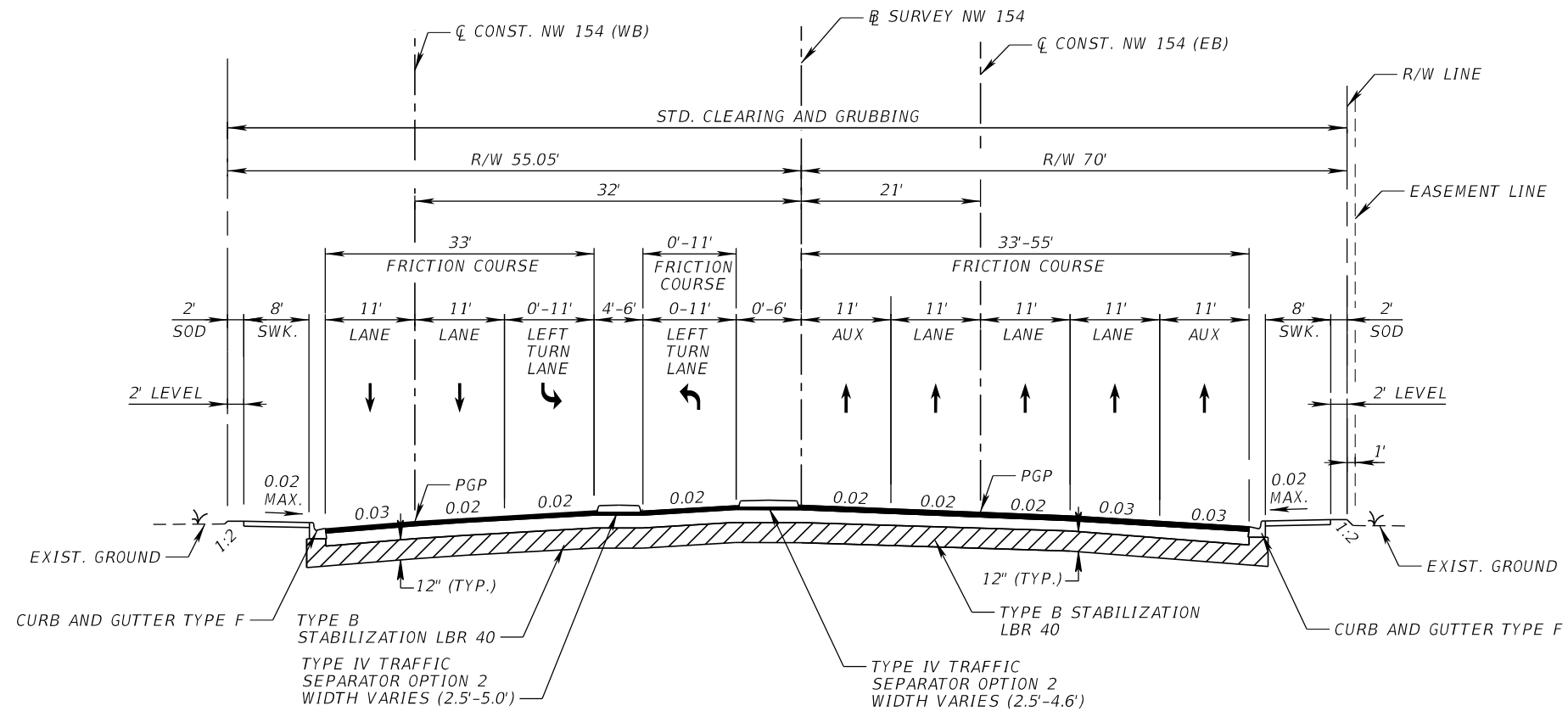
CURRENT YEAR = 2016 AADT = 31400
 ESTIMATED OPENING YEAR = 2026 AADT = 41800
 ESTIMATED DESIGN YEAR = 2046 AADT = 62600
 K = 9% D = 54.7% T = 8.4% (24 HOUR)
 DESIGN HOUR T = 8.4%
 DESIGN SPEED = 40 MPH

EL = EXPRESS LANES
 GUL = GENERAL USE LANES
 AUX = AUXILIARY LANES

REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 54
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 826	MIAMI-DADE	435760-1-52-01	

TYPICAL SECTIONS

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



**TYPICAL SECTION
NW 154th ST**

STA. 15+02.31 TO STA. 16+98.55 \bar{C} CONST. NW 154 (WB) =
 STA. 115+01.89 TO STA. 116+98.18 \bar{C} CONST. NW 154 (EB) =
 STA. 15+03.77 TO STA. 17+00.00 \bar{S} SURVEY NW 154

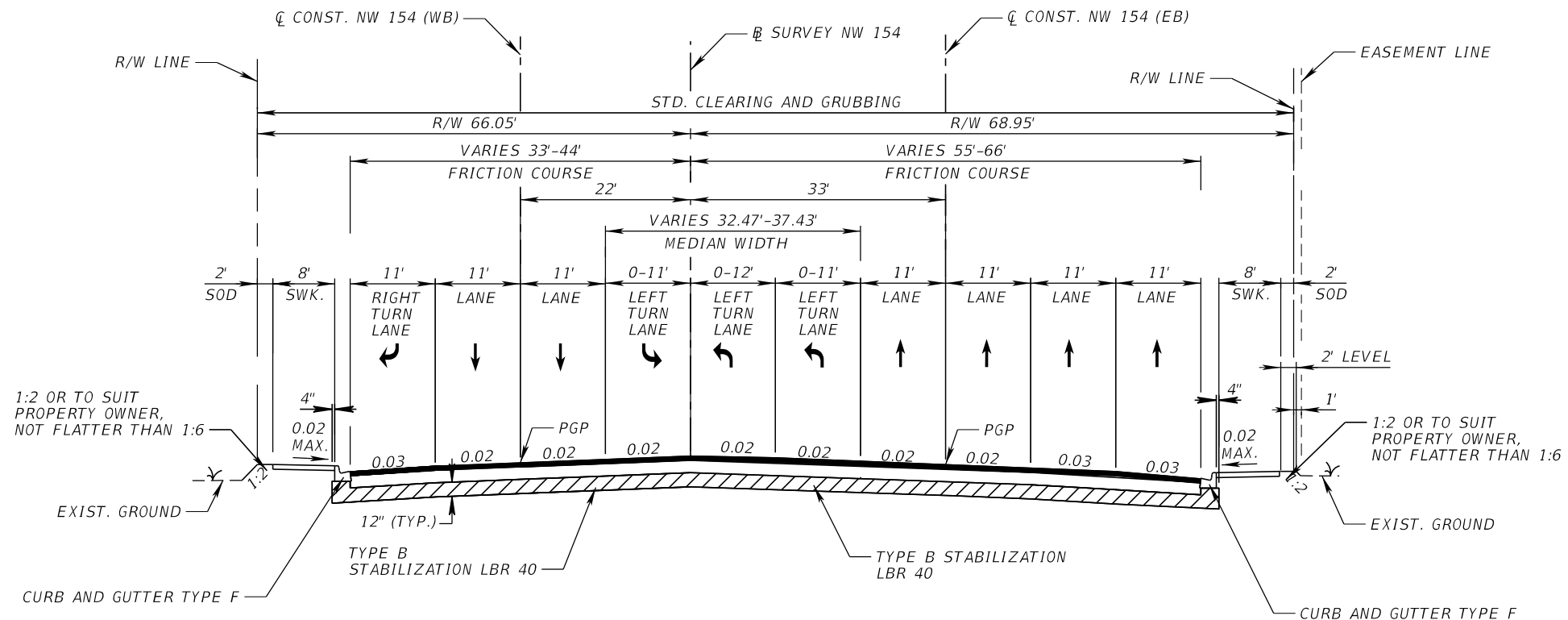
RECONSTRUCTION

OPTIONAL BASE GROUP 9 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC D) (3½")
 AND FRICTION COURSE FC-12.5 (TRAFFIC D) (1½") PG 76-22

REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 55
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 826	MIAMI-DADE	435760-1-52-01	

TYPICAL SECTIONS

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



**TYPICAL SECTION
NW 154th ST**

STA. 16+98.55 TO STA. 20+38.55 \bar{C} CONST. NW 154 (WB) =
 STA. 116+98.18 TO STA. 120+38.24 \bar{C} CONST. NW 154 (EB) =
 STA. 17+00.00 TO STA. 20+40.00 \bar{B} SURVEY NW 154

RECONSTRUCTION

OPTIONAL BASE GROUP 9 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC D) (3½")
 AND FRICTION COURSE FC-12.5 (TRAFFIC D) (1½") PG 76-22

TRAFFIC DATA

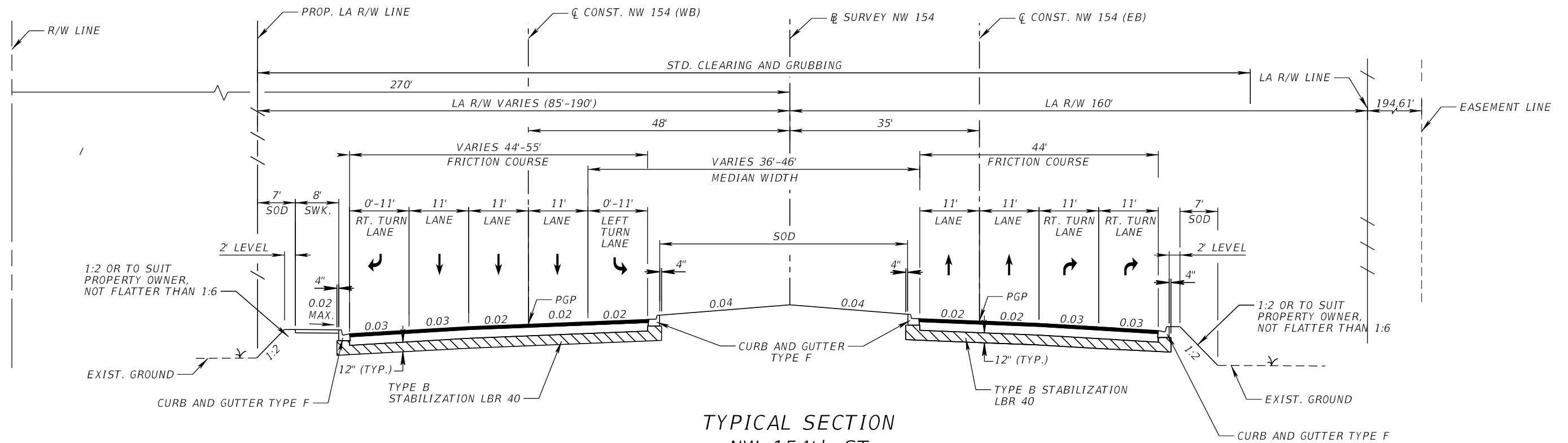
CURRENT YEAR = 2016 AADT = 31400
 ESTIMATED OPENING YEAR = 2026 AADT = 41800
 ESTIMATED DESIGN YEAR = 2046 AADT = 62600
 K = 9% D = 54.7% T = 8.4% (24 HOUR)
 DESIGN HOUR T = 8.4%
 DESIGN SPEED = 40 MPH

EL = EXPRESS LANES
 GUL = GENERAL USE LANES
 AUX = AUXILIARY LANES

REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 56
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 826	MIAMI-DADE	435760-1-52-01	

TYPICAL SECTIONS

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



**TYPICAL SECTION
NW 154th ST**

STA. 20+38.55 TO STA. 22+30.55 CL CONST. NW 154 (WB) =
 STA. 120+38.24 TO STA. 122+30.41 CL CONST. NW 154 (EB) =
 STA. 20+40.00 TO STA. 22+32.00 SURVEY NW 154

STA. 22+93.46 TO STA. 24+38.55 CL CONST. NW 154 (WB) =
 STA. 122+93.33 TO STA. 124+38.48 CL CONST. NW 154 (EB) =
 STA. 22+94.91 TO STA. 24+40.00 SURVEY NW 154

RECONSTRUCTION

OPTIONAL BASE GROUP 9 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC D) (3 1/2")
 AND FRICTION COURSE FC-12.5 (TRAFFIC D) (1 1/2") (PG 76-22)

TRAFFIC DATA

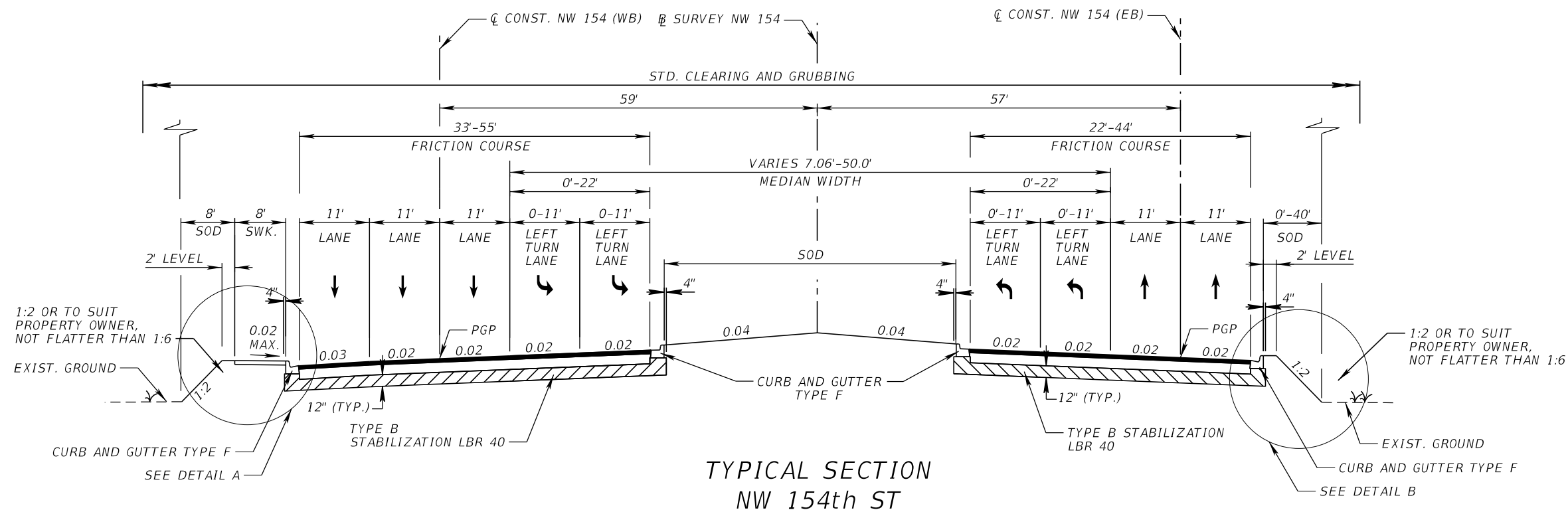
CURRENT YEAR = 2016 AADT = 31400
 ESTIMATED OPENING YEAR = 2026 AADT = 41800
 ESTIMATED DESIGN YEAR = 2046 AADT = 62600
 K = 9% D = 54.7% T = 8.4% (24 HOUR)
 DESIGN HOUR T = 8.4%
 DESIGN SPEED = 40 MPH

EL = EXPRESS LANES
 GUL = GENERAL USE LANES
 AUX = AUXILIARY LANES

REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 57
DATE	DESCRIPTION	DATE	ROAD NO.		COUNTY	FINANCIAL PROJECT ID		
			SR 826		MIAMI-DADE	435760-1-52-01		

TYPICAL SECTIONS

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

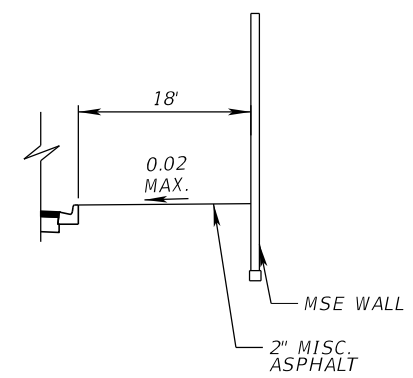
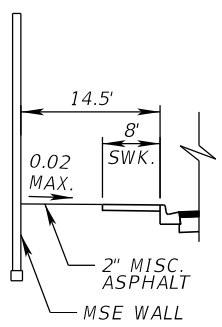


**TYPICAL SECTION
NW 154th ST**

STA. 24+38.55 TO STA. 31+38.73 \bar{C} CONST. NW 154 (WB) =
 STA. 124+38.48 TO STA. 131+38.53 \bar{C} CONST. NW 154 (EB) =
 STA. 24+40.00 TO STA. 31+40.00 \bar{B} SURVEY NW 154

RECONSTRUCTION

OPTIONAL BASE GROUP 9 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC D) (3½")
 AND FRICTION COURSE FC-12.5 (TRAFFIC D) (1½") PG 76-22



STA. 128+43.53 TO STA. 130+71.98 \bar{C} CONST. NW 154th ST

STA. 128+52.73 TO STA. 130+78.47 \bar{C} CONST. NW 154th ST

TRAFFIC DATA

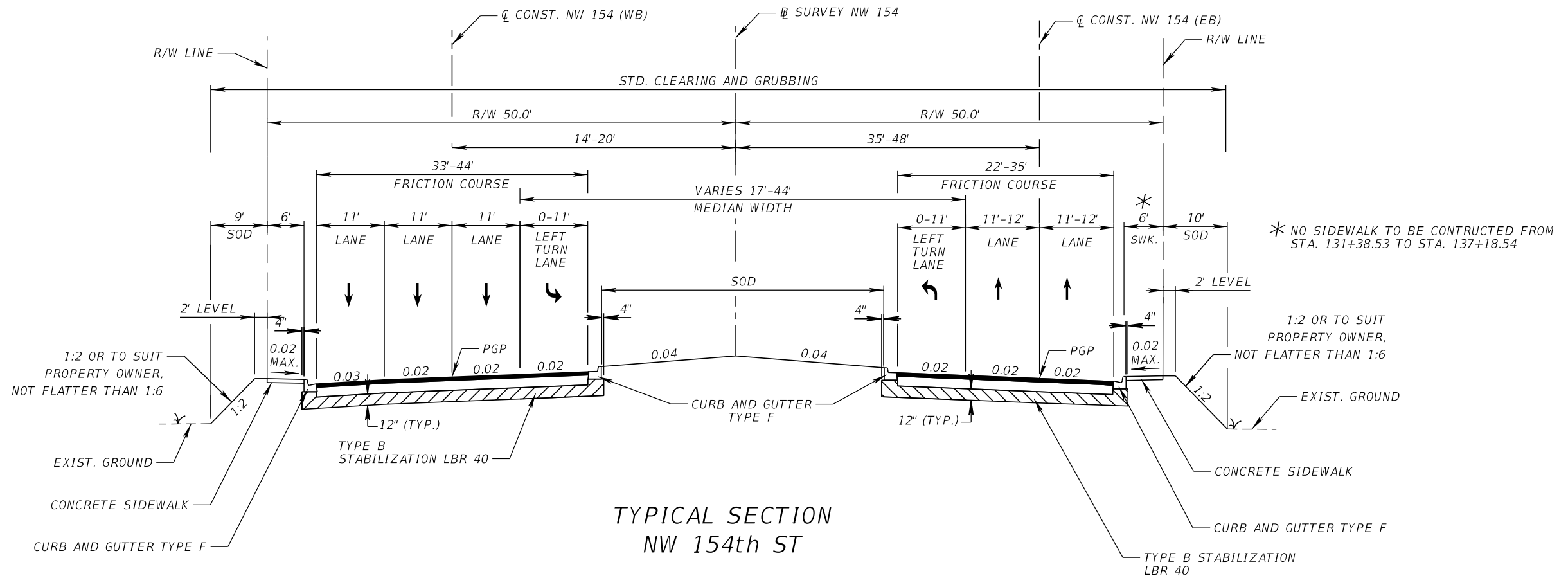
CURRENT YEAR = 2016 AADT = 31400
 ESTIMATED OPENING YEAR = 2026 AADT = 41800
 ESTIMATED DESIGN YEAR = 2046 AADT = 62600
 K = 9% D = 54.7% T = 8.4% (24 HOUR)
 DESIGN HOUR T = 8.4%
 DESIGN SPEED = 40 MPH

EL = EXPRESS LANES
 GUL = GENERAL USE LANES
 AUX = AUXILIARY LANES

REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 58
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 826	MIAMI-DADE	435760-1-52-01	

TYPICAL SECTIONS

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



**TYPICAL SECTION
NW 154th ST**

STA. 31+38.73 TO STA. 45+48.96 \oslash CONST. NW 154 (WB) =
 STA. 131+38.53 TO STA. 145+09.75 \oslash CONST. NW 154 (EB) =
 STA. 31+40.00 TO STA. 45+38.58 \oslash SURVEY NW 154

RECONSTRUCTION

OPTIONAL BASE GROUP 9 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC D) (3½")
 AND FRICTION COURSE FC-12.5 (TRAFFIC D) (1½") PG 76-22

TRAFFIC DATA

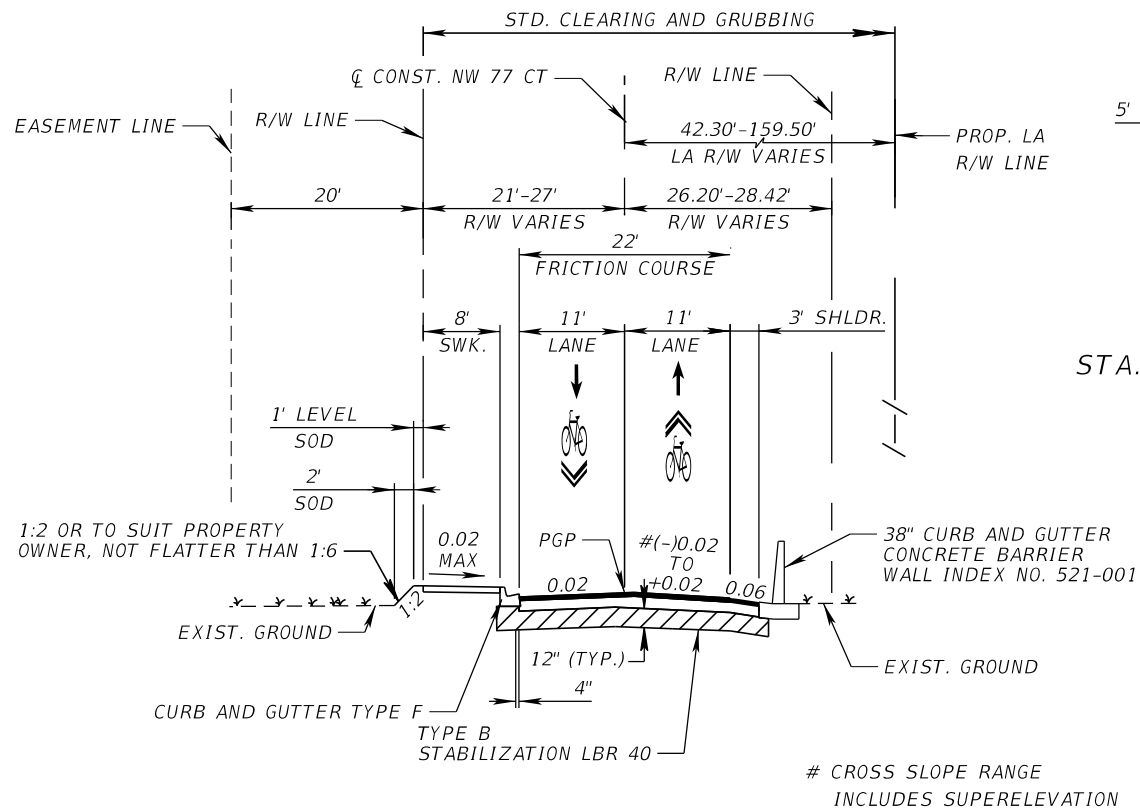
CURRENT YEAR = 2016 AADT = 31400
 ESTIMATED OPENING YEAR = 2026 AADT = 41800
 ESTIMATED DESIGN YEAR = 2046 AADT = 62600
 K = 9% D = 54.7% T = 8.4% (24 HOUR)
 DESIGN HOUR T = 8.4%
 DESIGN SPEED = 40 MPH

EL = EXPRESS LANES
 GUL = GENERAL USE LANES
 AUX = AUXILIARY LANES

REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 59
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 826	MIAMI-DADE	435760-1-52-01	

TYPICAL SECTIONS

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



TYPICAL SECTION
NW 77th CT.

STA. 45+97.53 TO STA. 50+00.00 \bar{C} CONST. NW 77 CT
 STA. 73+70.75 TO STA. 76+31.62 \bar{C} CONST. NW 77 CT

RECONSTRUCTION

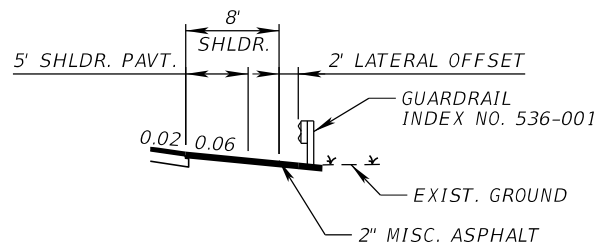
OPTIONAL BASE GROUP 6 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC B) (2½")
 AND FRICTION COURSE FC-9.5 (TRAFFIC B) (1½") PG 76-22

SHOULDER RECONSTRUCTION

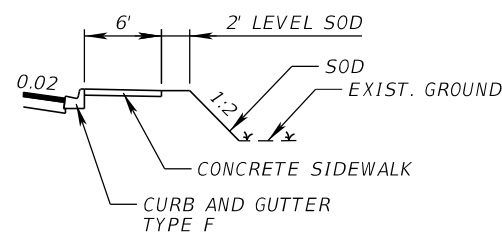
OPTIONAL BASE GROUP 1 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1")
 AND FRICTION COURSE FC-9.5 (TRAFFIC B) (1½") PG 76-22

TRAFFIC DATA

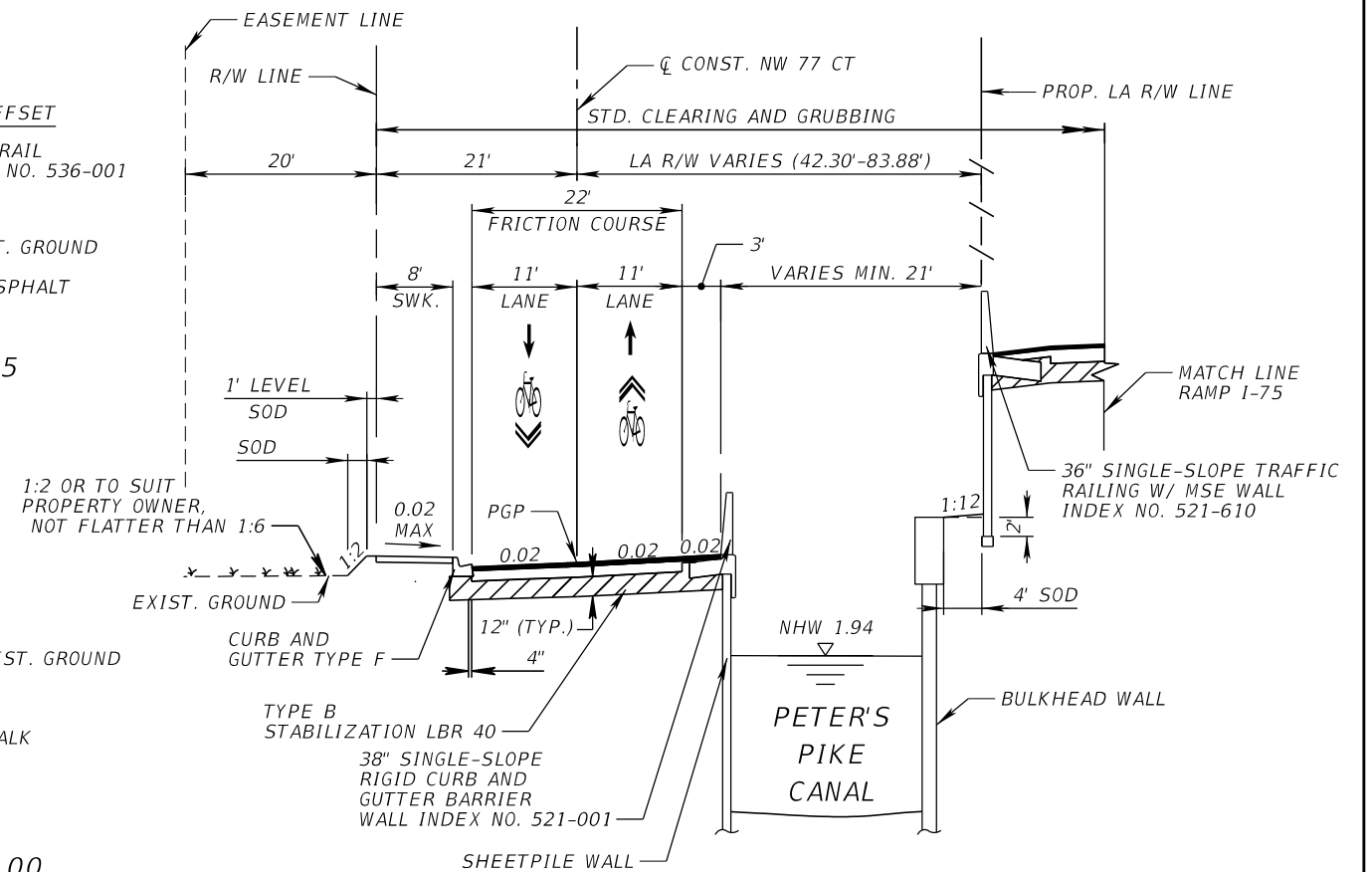
CURRENT YEAR = 2016 AADT = 9600
 ESTIMATED OPENING YEAR = 2026 AADT = 12800
 ESTIMATED DESIGN YEAR = 2046 AADT = 19100
 K = 9% D = 54.7% T = 3.8% (24 HOUR)
 DESIGN HOUR T = 3.8%
 DESIGN SPEED = 30 MPH



STA. 68+60.94 TO STA. 73+70.75
 \bar{C} CONST. NW 77 CT



STA. 76+31.62 TO STA. 82+00.00
 \bar{C} CONST. NW 77 CT



TYPICAL SECTION
NW 77th CT.

STA. 50+00.00 TO STA. 68+60.94 \bar{C} CONST. NW 77 CT

RECONSTRUCTION

OPTIONAL BASE GROUP 6 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC B) (2½")
 AND FRICTION COURSE FC-9.5 (TRAFFIC B) (1½") PG 76-22

SHOULDER RECONSTRUCTION

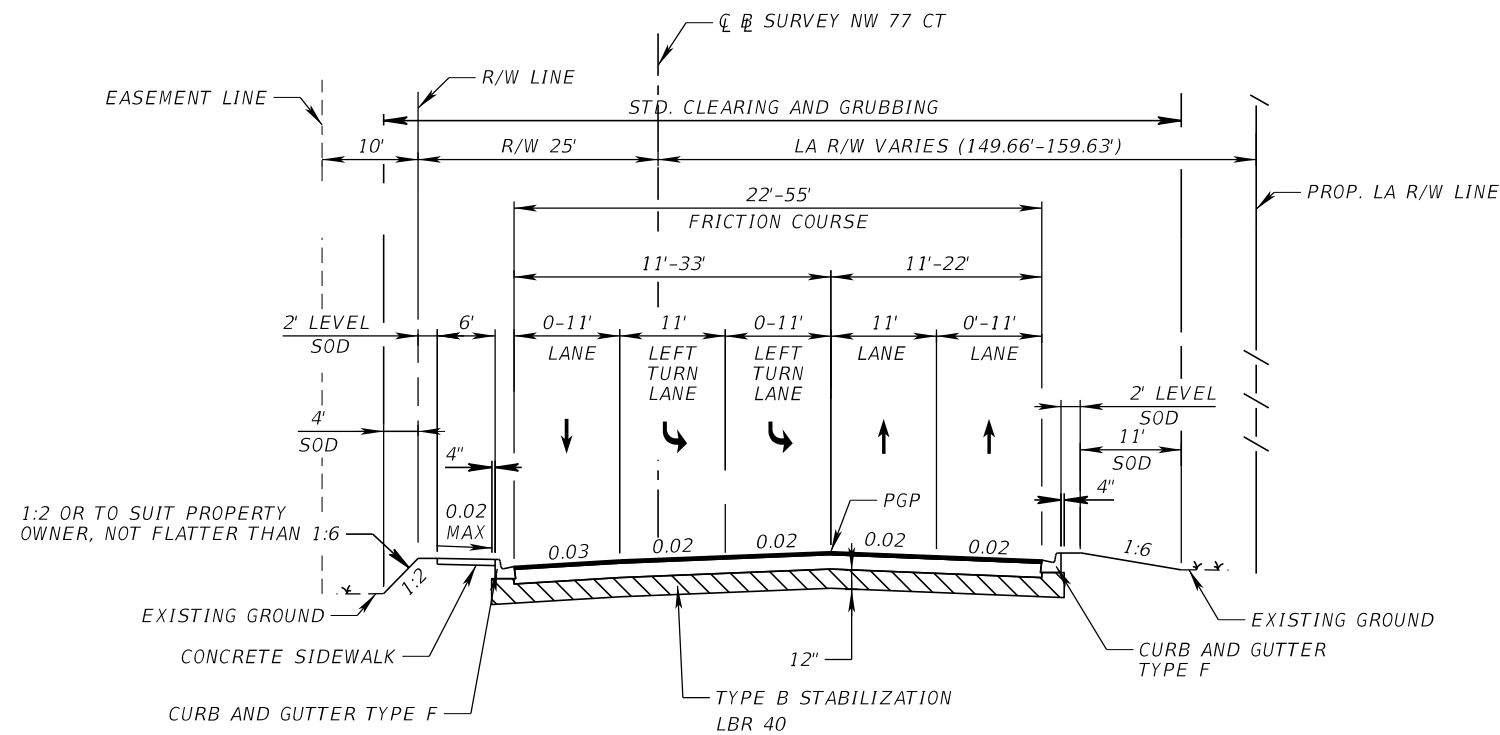
OPTIONAL BASE GROUP 1 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1")
 AND FRICTION COURSE FC-9.5 (TRAFFIC B) (1½") PG 76-22

EL = EXPRESS LANES
 GUL = GENERAL USE LANES
 AUX = AUXILIARY LANES

REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 60
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 826	MIAMI-DADE	435760-152-01	

TYPICAL SECTIONS

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



TYPICAL SECTION
NW 77th CT.

STA. 82+00.00 TO STA. 85+35.00 CL SURVEY NW 77 CT

RECONSTRUCTION

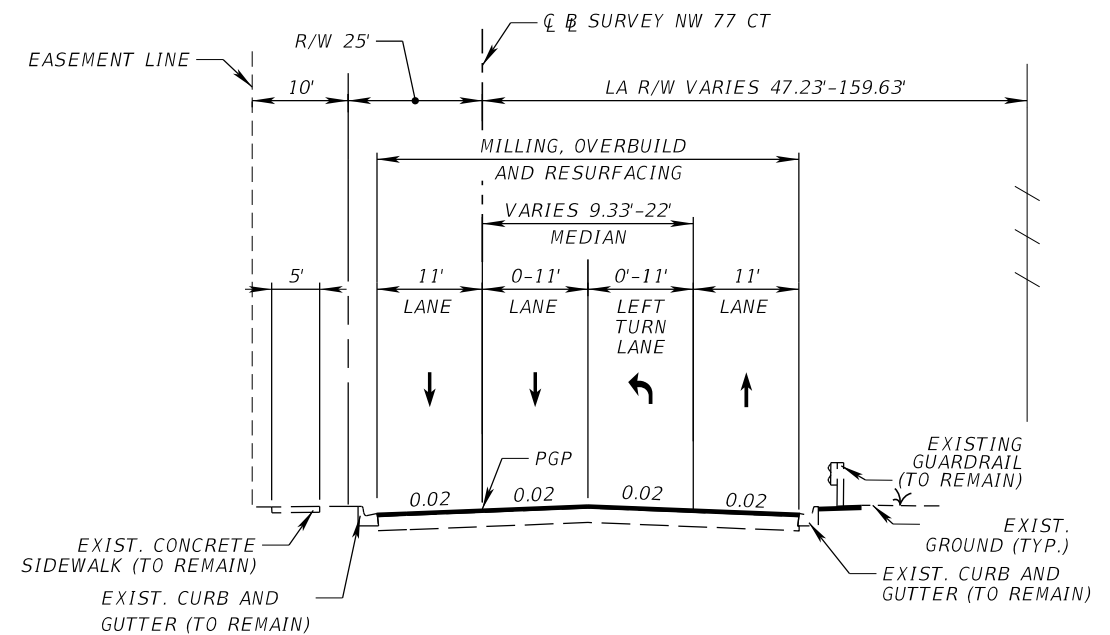
OPTIONAL BASE GROUP 9 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC B) (2½")
AND FRICTION COURSE FC-9.5 (TRAFFIC B) (1½") PG 76-22

CROSS SLOPE RANGE
INCLUDES SUPERELEVATION

EL = EXPRESS LANES
GUL = GENERAL USE LANES
AUX = AUXILIARY LANES

TRAFFIC DATA

CURRENT YEAR = 2016 AADT = 17300
ESTIMATED OPENING YEAR = 2026 AADT = 23000
ESTIMATED DESIGN YEAR = 2046 AADT = 34500
K = 9% D = 54.7% T = 14.5% (24 HOUR)
DESIGN HOUR T = 14.5%
DESIGN SPEED = 30 MPH



TYPICAL SECTION
NW 77th CT.

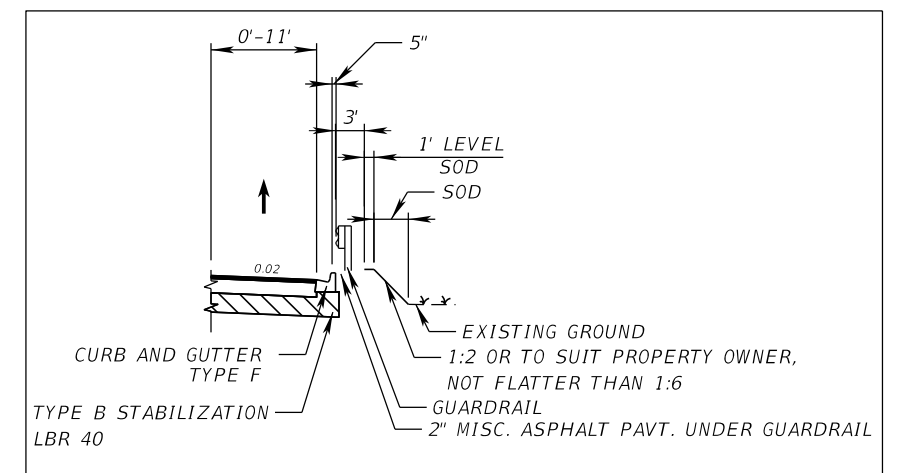
STA. 85+35.00 TO STA. 90+06.21 CL SURVEY NW 77 CT

MILLING

MILL EXISTING ASPHALT
PAVEMENT FOR DEPTH (1"), AVG.

RESURFACING

FRICTION COURSE FC-9.5 (1") (TRAFFIC D) PG 76-22

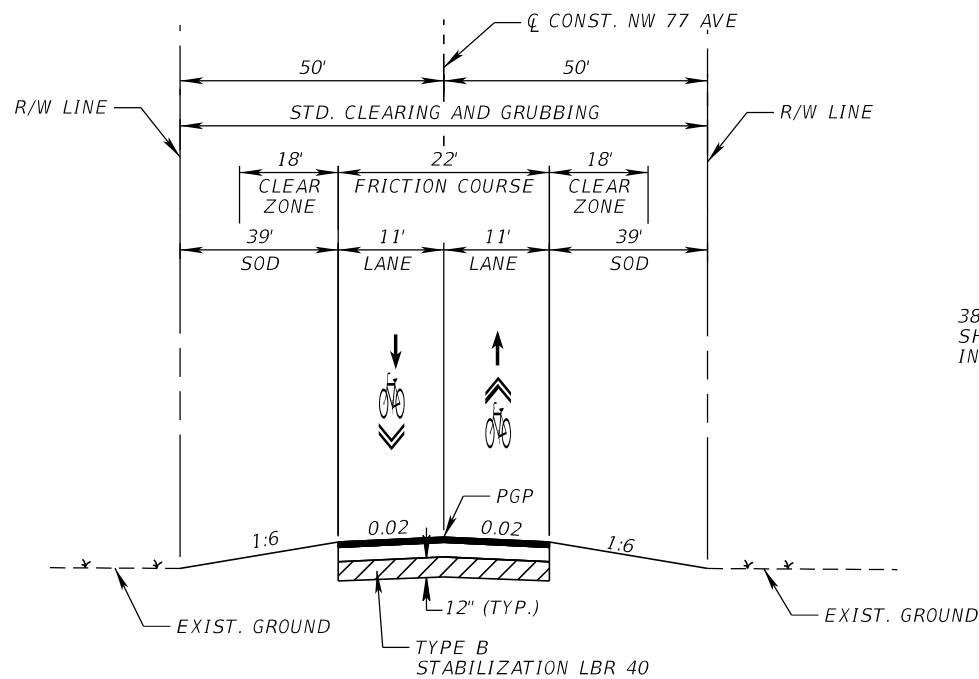


DETAIL FOR PROP. GUARDRAIL SECTION
STA. 68+60.94 TO STA. 75+47.50

REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 61
DATE	DESCRIPTION	DATE	ROAD NO.		COUNTY	FINANCIAL PROJECT ID		
			SR 826		MIAMI-DADE	435760-1-52-01		

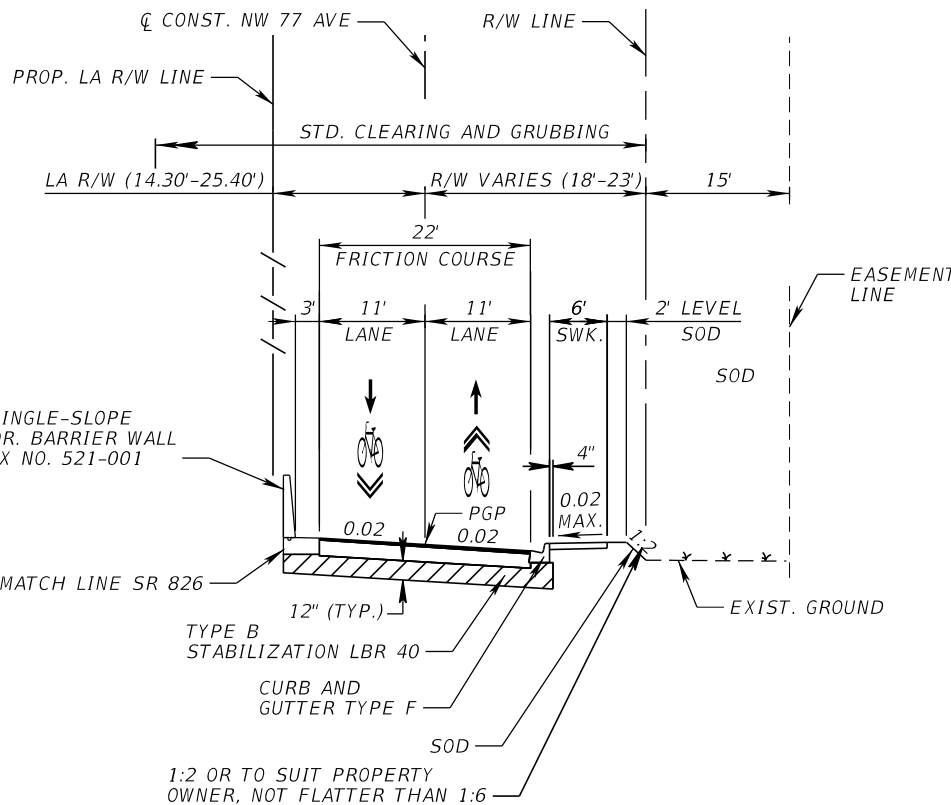
TYPICAL SECTIONS

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



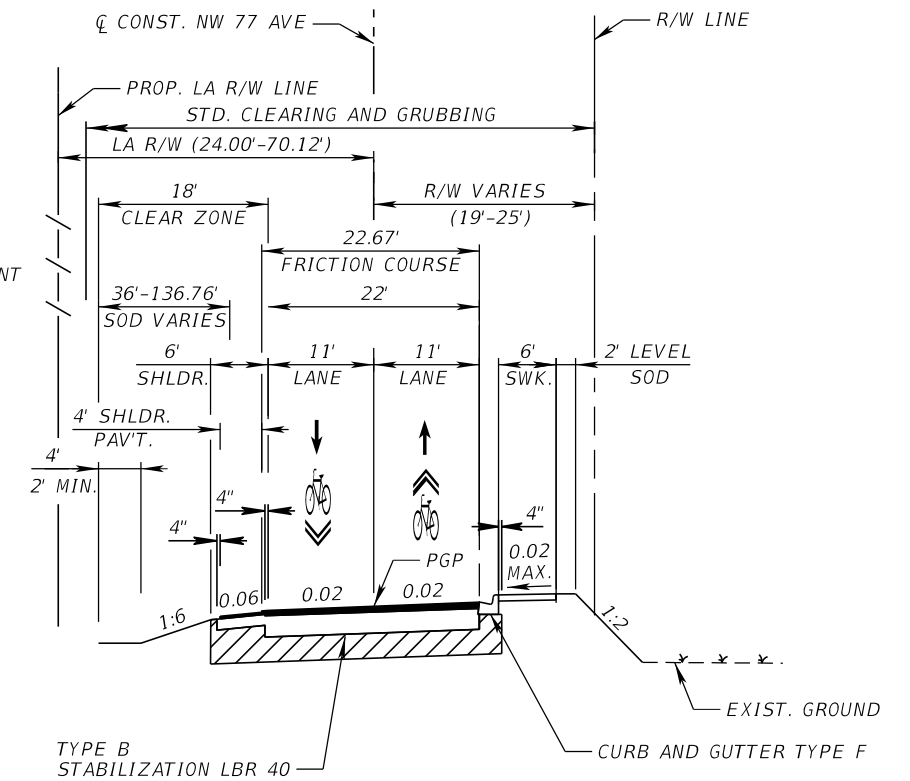
TYPICAL SECTION
NW 77th AVE.

STA. 171+40.00 TO STA. 173+29.43 CL CONST. NW 77 AVE



TYPICAL SECTION
NW 77th AVE.

STA. 173+29.43 TO STA. 195+59.53 CL CONST. NW 77 AVE



TYPICAL SECTION
NW 77th AVE.

STA. 195+59.53 TO STA. 203+56.92 CL CONST. NW 77 AVE

RECONSTRUCTION

OPTIONAL BASE GROUP 9 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC B) (2")
AND FRICTION COURSE FC-9.5 (TRAFFIC B) (1") PG 76-22

SHOULDER RECONSTRUCTION

OPTIONAL BASE GROUP 1 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1")
AND FRICTION COURSE FC-9.5 (TRAFFIC B) (1") PG 76-22

TRAFFIC DATA

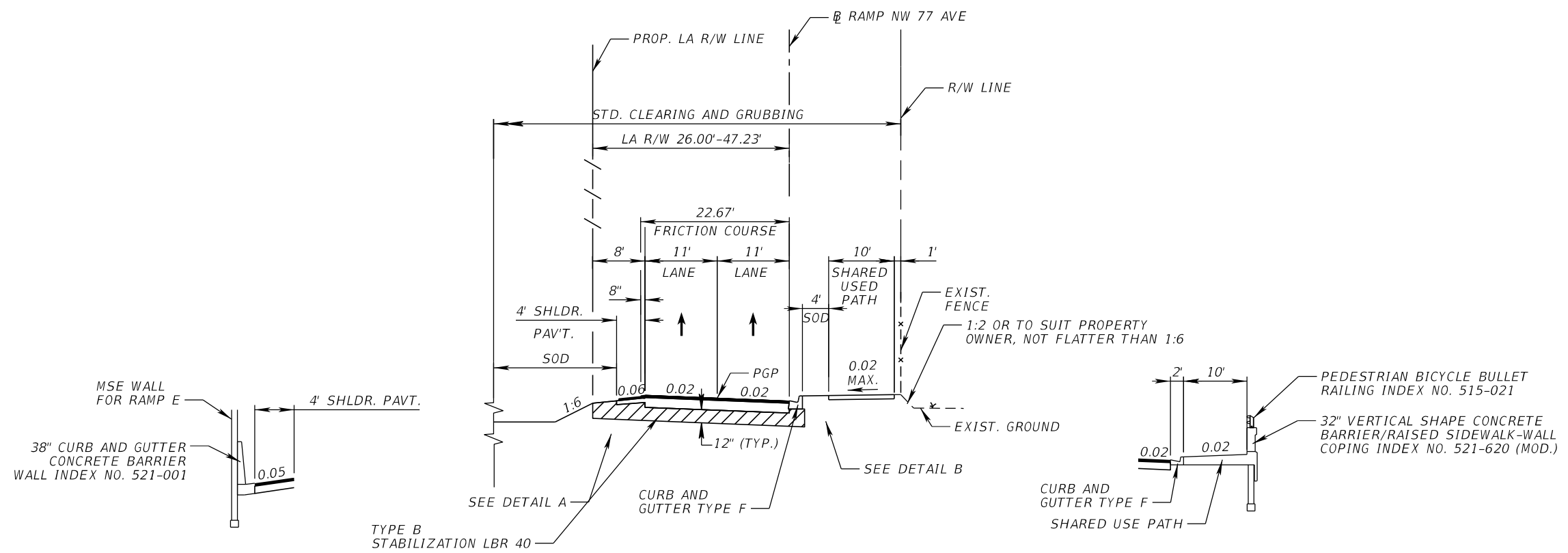
CURRENT YEAR = 2016 AADT = 3000
ESTIMATED OPENING YEAR = 2026 AADT = 4000
ESTIMATED DESIGN YEAR = 2046 AADT = 6000
K = 9% D = 54.7% T = 10.6% (24 HOUR)
DESIGN HOUR T = 10.6%
DESIGN SPEED = 30 MPH

EL = EXPRESS LANES
GUL = GENERAL USE LANES
AUX = AUXILIARY LANES

REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 62
DATE	DESCRIPTION	DATE	ROAD NO.		COUNTY	FINANCIAL PROJECT ID		
			SR 826		MIAMI-DADE	435760-1-52-01		

TYPICAL SECTIONS

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



FROM STA. 261+89.98 TO STA. 268+25.61

**TYPICAL SECTION
RAMP NW 77th AVE.**

FROM STA. 274+56.68 TO STA. 280+18.84

STA. 255+00.00 TO STA. 273+45.16 @ RAMP NW 77 AVE
 STA. 274+36.66 TO STA. 283+43.61 @ RAMP NW 77 AVE

TRAVEL LANE RECONSTRUCTION

OPTIONAL BASE GROUP 9 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3")
 AND FRICTION COURSE FC-9.5 (TRAFFIC C) (1") PG 76-22

SHOULDER RECONSTRUCTION

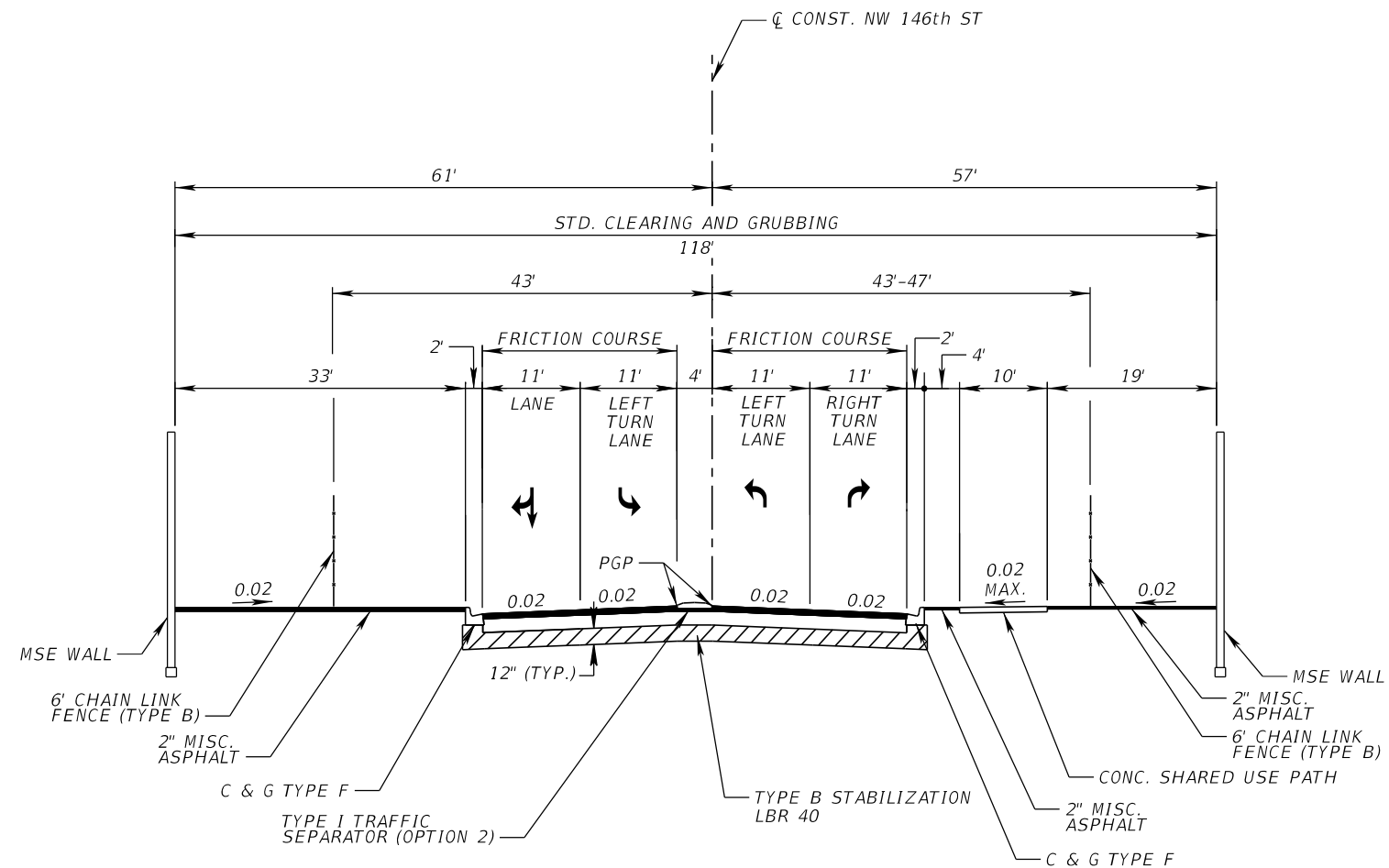
OPTIONAL BASE GROUP 1 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1 1/2")
 AND FRICTION COURSE FC-9.5 (TRAFFIC B) (1") PG 76-22

TRAFFIC DATA

CURRENT YEAR = 2016 AADT = 9400
 ESTIMATED OPENING YEAR = 2026 AADT = 10800
 ESTIMATED DESIGN YEAR = 2046 AADT = 14200
 K = 9% D = 99.9% T = 4.3% (24 HOUR)
 DESIGN HOUR T = 4.3%
 DESIGN SPEED = 40 MPH

REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 63
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 826	MIAMI-DADE	435760-1-52-01	

TYPICAL SECTIONS



**TYPICAL SECTION
NW 146th ST**

STA. 20+35.25 TO STA. 22+95.00 $\text{CL CONST. NW 146th ST}$

RECONSTRUCTION

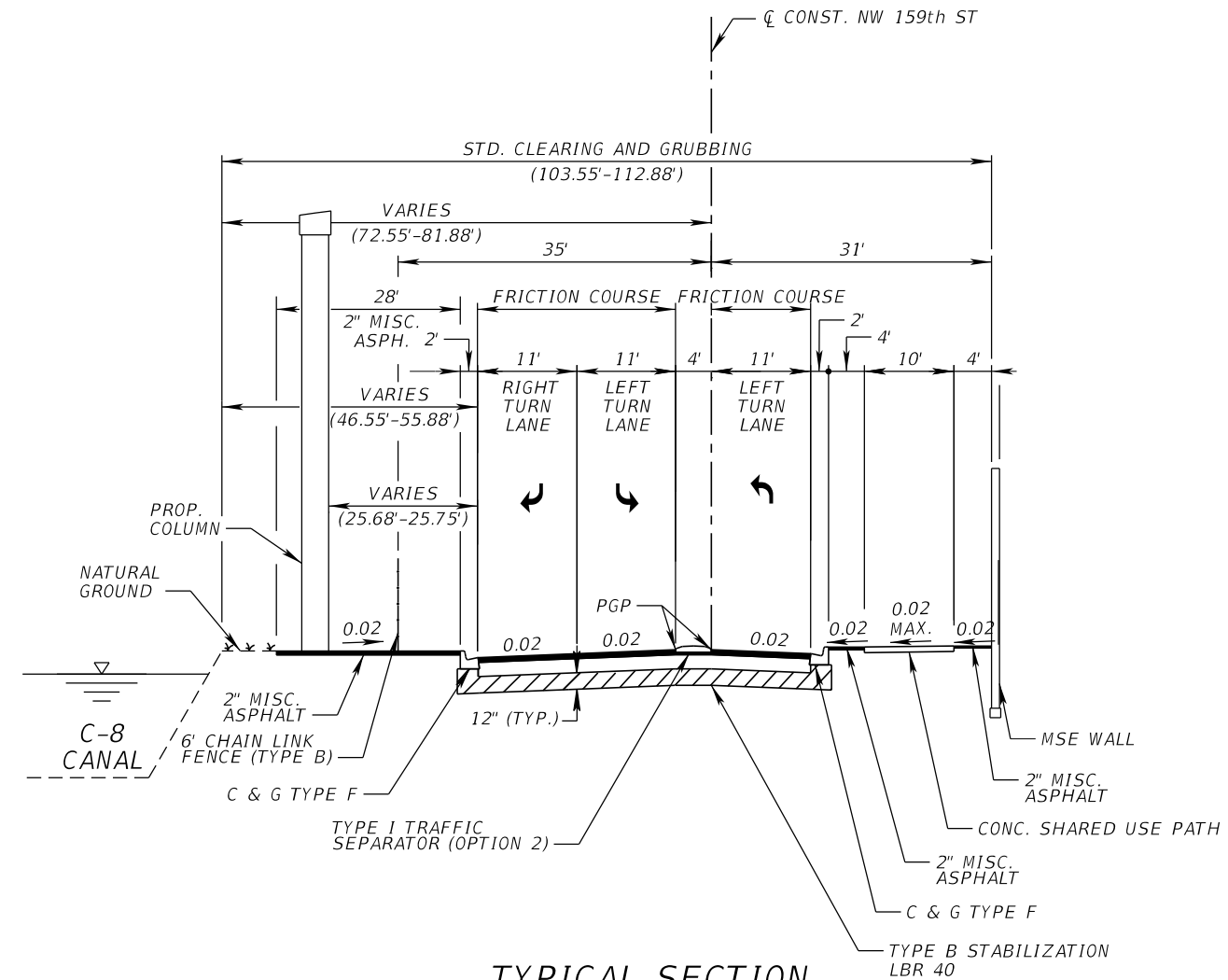
OPTIONAL BASE GROUP 6 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC B) (2½")
AND FRICTION COURSE FC-9.5 (TRAFFIC B) (1") PG 76-22

TRAFFIC DATA

CURRENT YEAR = 2016 AADT = N/A
 ESTIMATED OPENING YEAR = 2026 AADT = 4200
 ESTIMATED DESIGN YEAR = 2046 AADT = 5300
 K = 9.0% D = 55.8% T = 4.9% (24 HOUR)
 DESIGN HOUR T = 4.9%
 DESIGN SPEED = 30 MPH

REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 64
DATE	DESCRIPTION	DATE	ROAD NO.		COUNTY	FINANCIAL PROJECT ID		
			SR 826		MIAMI-DADE	435760-1-52-02		

TYPICAL SECTIONS



**TYPICAL SECTION
NW 159th ST**

STA. 10+53.20 TO STA. 12+78.09 \bar{C} CONST. NW 159th ST

RECONSTRUCTION

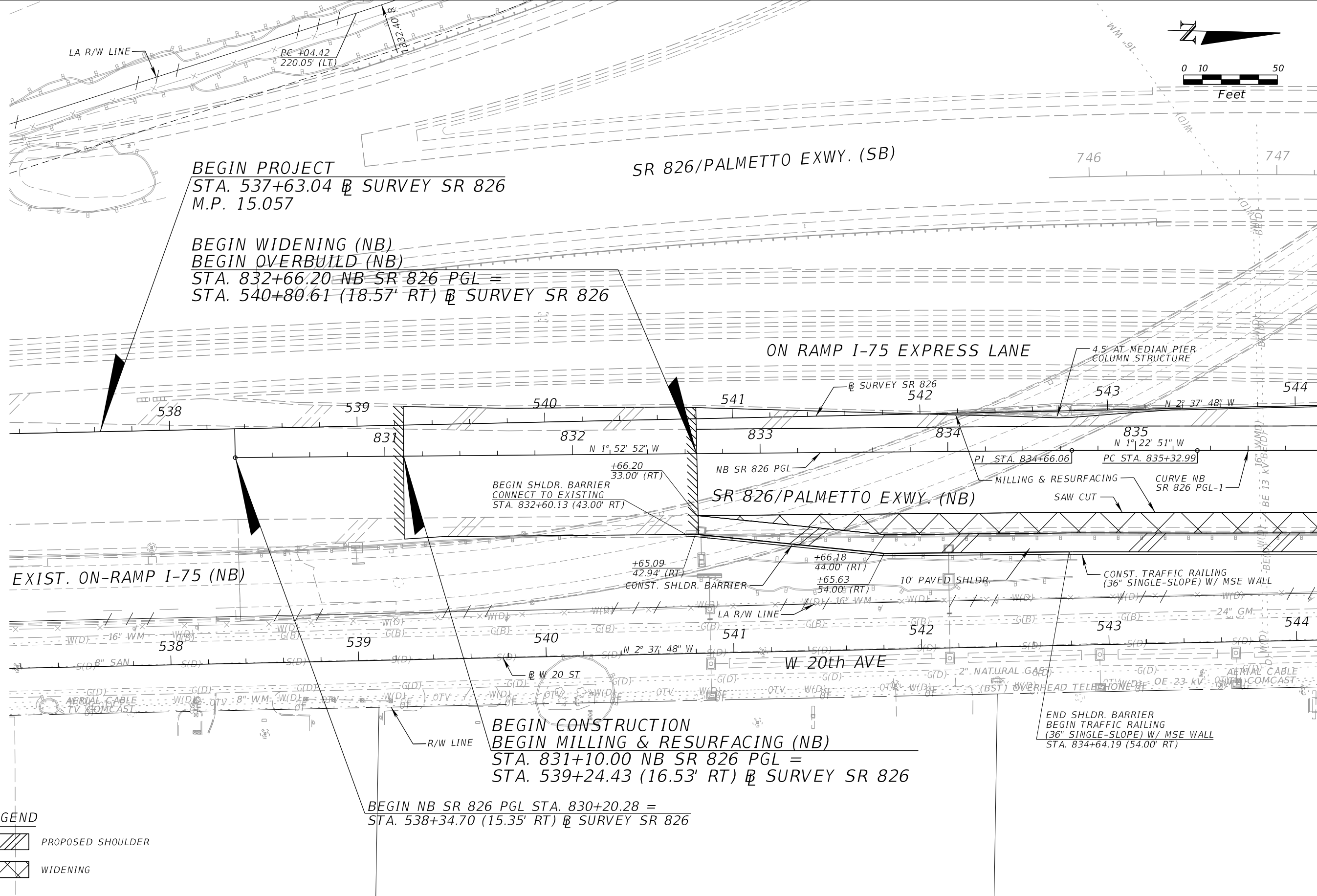
OPTIONAL BASE GROUP 9 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC D) (3½")
AND FRICTION COURSE FC-12.5 (TRAFFIC D) (1½") PG 76-22

TRAFFIC DATA

CURRENT YEAR = 2016 AADT = N/A
 ESTIMATED OPENING YEAR = 2026 AADT = 3000
 ESTIMATED DESIGN YEAR = 2046 AADT = 3900
 K = 9.0% D = 85.9% T = 4.9% (24 HOUR)
 DESIGN HOUR T = 4.9%
 DESIGN SPEED = 30 MPH

REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 65
DATE	DESCRIPTION	DATE	ROAD NO.		COUNTY	FINANCIAL PROJECT ID		
			SR 826		MIAMI-DADE	435760-1-52-02		

TYPICAL SECTIONS



BEGIN PROJECT
 STA. 537+63.04 @ SURVEY SR 826
 M.P. 15.057

BEGIN WIDENING (NB)
 BEGIN OVERBUILD (NB)
 STA. 832+66.20 NB SR 826 PGL =
 STA. 540+80.61 (18.57' RT) @ SURVEY SR 826



BEGIN SHLDR. BARRIER
 CONNECT TO EXISTING
 STA. 832+60.13 (43.00' RT)

BEGIN CONSTRUCTION
 BEGIN MILLING & RESURFACING (NB)
 STA. 831+10.00 NB SR 826 PGL =
 STA. 539+24.43 (16.53' RT) @ SURVEY SR 826

BEGIN NB SR 826 PGL STA. 830+20.28 =
 STA. 538+34.70 (15.35' RT) @ SURVEY SR 826

END SHLDR. BARRIER
 BEGIN TRAFFIC RAILING
 (36" SINGLE-SLOPE) W/ MSE WALL
 STA. 834+64.19 (54.00' RT)

LEGEND

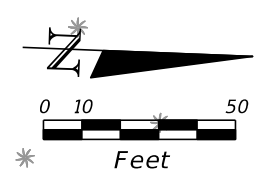
-  PROPOSED SHOULDER
-  WIDENING



MATCH LINE STA. 836+00.00

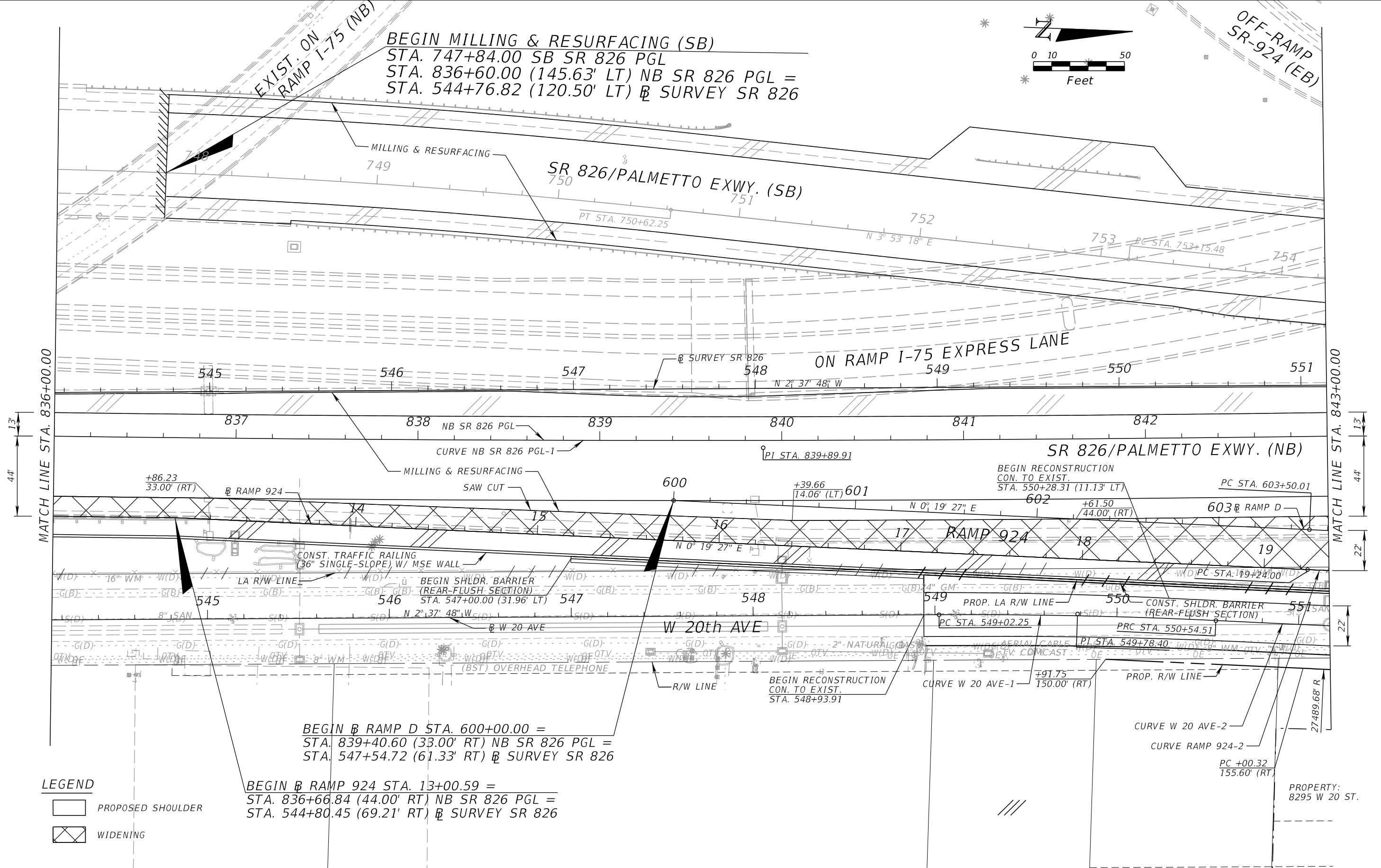
REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. 138
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 826	MIAMI-DADE	435760-1-52-01		

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



BEGIN MILLING & RESURFACING (SB)
 STA. 747+84.00 SB SR 826 PGL
 STA. 836+60.00 (145.63' LT) NB SR 826 PGL =
 STA. 544+76.82 (120.50' LT) @ SURVEY SR 826

OFF-RAMP
 SR-924 (EB)



MATCH LINE STA. 836+00.00

MATCH LINE STA. 843+00.00

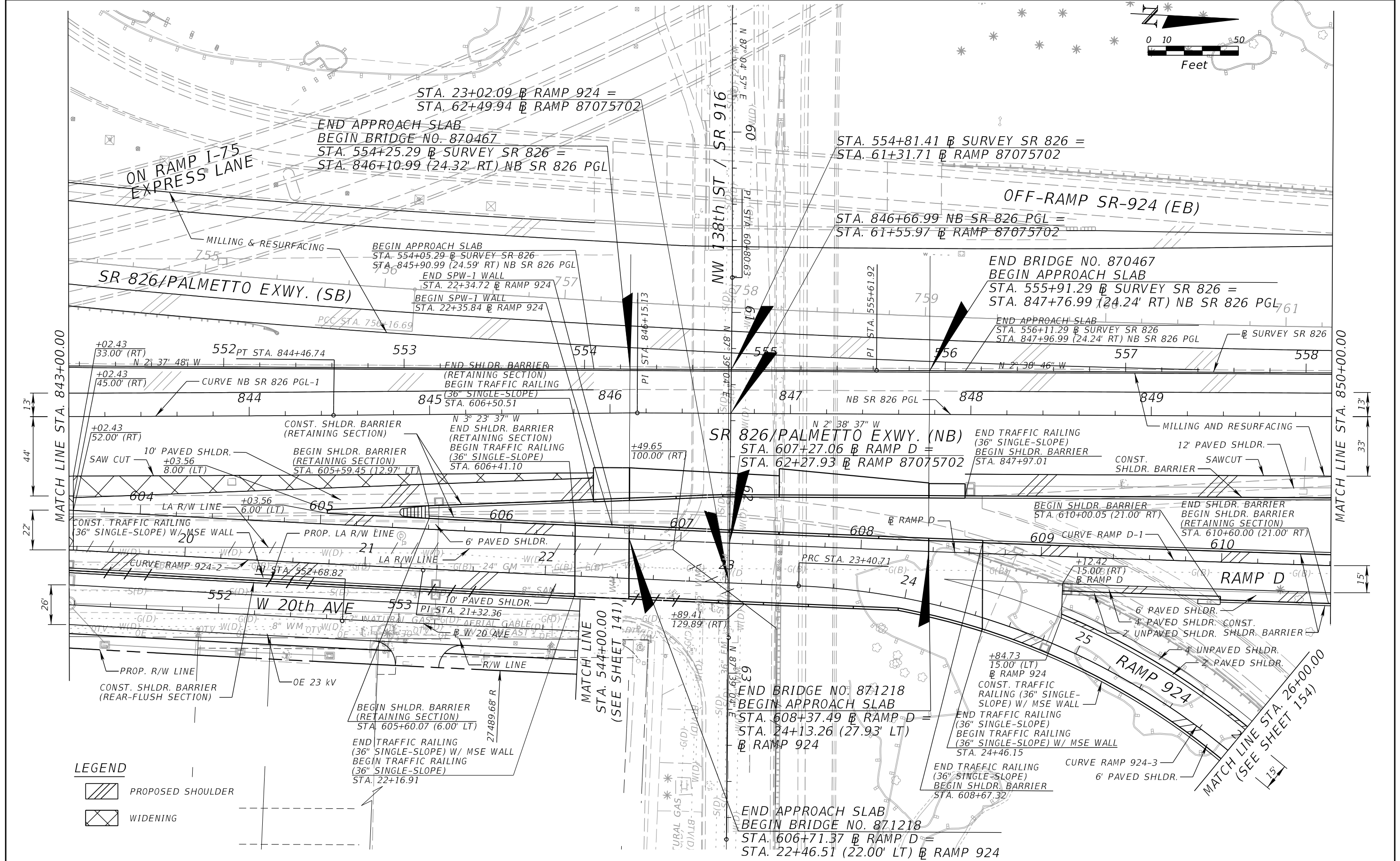
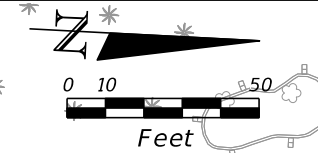
LEGEND
 PROPOSED SHOULDER
 WIDENING

BEGIN @ RAMP D STA. 600+00.00 =
 STA. 839+40.60 (33.00' RT) NB SR 826 PGL =
 STA. 547+54.72 (61.33' RT) @ SURVEY SR 826

BEGIN @ RAMP 924 STA. 13+00.59 =
 STA. 836+66.84 (44.00' RT) NB SR 826 PGL =
 STA. 544+80.45 (69.21' RT) @ SURVEY SR 826

REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN SHEET NO. 139
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 826	MIAMI-DADE	435760-1-52-01	

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LEGEND

- PROPOSED SHOULDER
- WIDENING

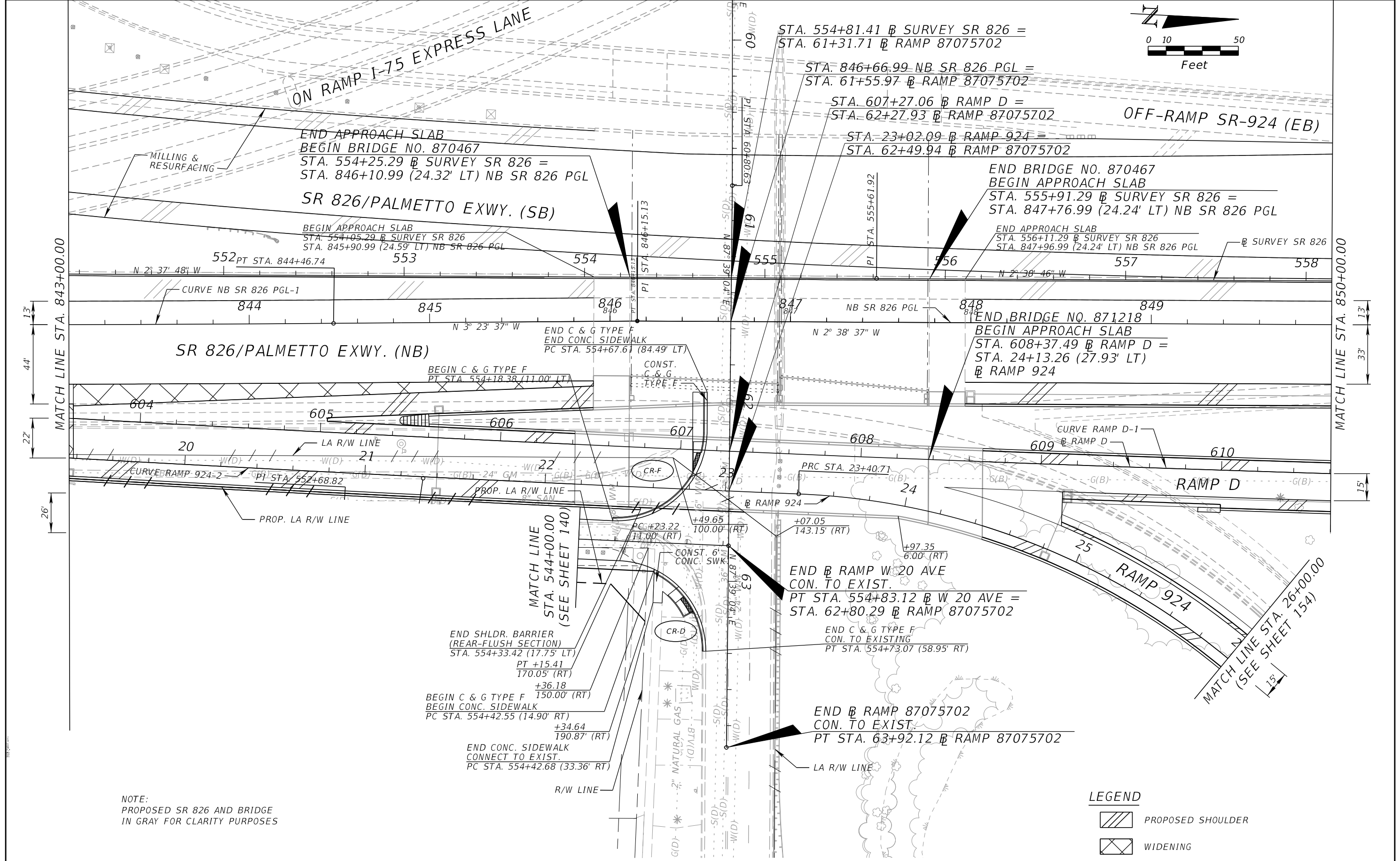
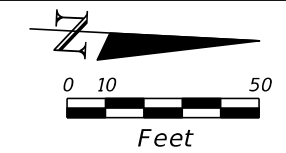
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

EDWIN F. MOJENA, M.S., P.E.
 P.E. LICENSE NUMBER 62002
 H. W. LOCHNER, INC.
 CONSULTING ENGINEERS AND PLANNERS
 8750 NW 36th STREET - SUITE 360
 MIAMI, FLORIDA - 33178
 CERTIFICATE OF AUTHORIZATION 00000894

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

ROADWAY PLAN		SHEET NO. 140
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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.



NOTE:
PROPOSED SR 826 AND BRIDGE
IN GRAY FOR CLARITY PURPOSES

LEGEND

	PROPOSED SHOULDER
	WIDENING

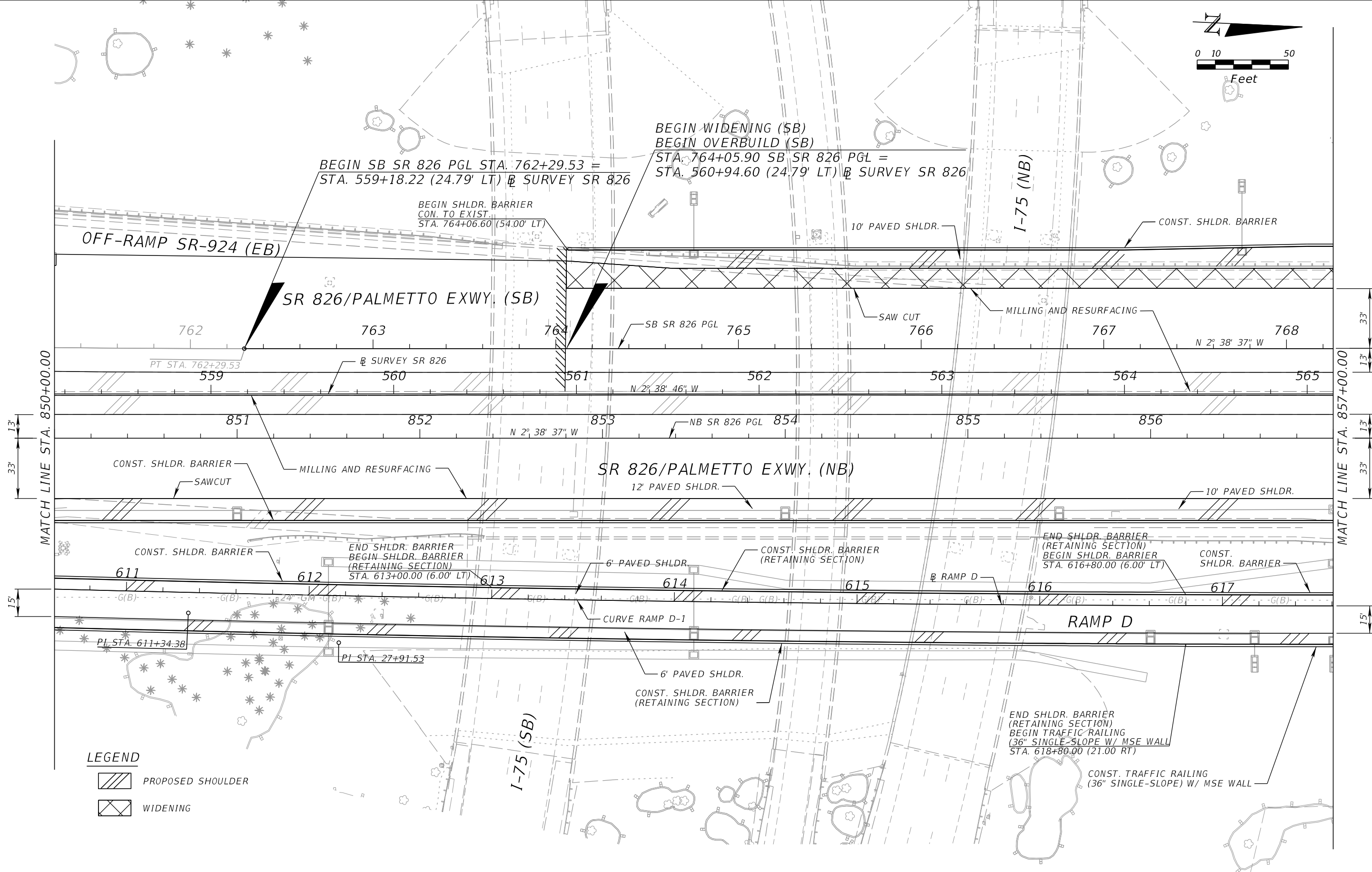
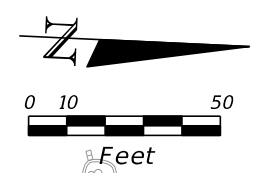
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

EDWIN F. MOJENA, M.S., P.E.
P.E. LICENSE NUMBER 62002
H. W. LOCHNER, INC.
CONSULTING ENGINEERS AND PLANNERS
8750 NW 36th STREET - SUITE 360
MIAMI, FLORIDA - 33178
CERTIFICATE OF AUTHORIZATION 00000894

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

ROADWAY PLAN		SHEET NO. 141
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BEGIN SB SR 826 PGL STA. 762+29.53 = STA. 559+18.22 (24.79' LT) @ SURVEY SR 826
 BEGIN WIDENING (SB)
 BEGIN OVERBUILD (SB)
 STA. 764+05.90 SB SR 826 PGL = STA. 560+94.60 (24.79' LT) @ SURVEY SR 826

BEGIN SHLDR. BARRIER
 CON. TO EXIST.
 STA. 764+06.60 (54.00' LT)

10' PAVED SHLDR.

CONST. SHLDR. BARRIER

I-75 (NB)

OFF-RAMP SR-924 (EB)

SR 826/PALMETTO EXWY. (SB)

762

763

764

765

766

767

768

PT STA. 762+29.53

559

SURVEY SR 826

560

561

N 2° 38' 46" W

562

563

564

565

N 2° 38' 37" W

851

852

853

NB SR 826 PGL

854

855

856

CONST. SHLDR. BARRIER

MILLING AND RESURFACING

SR 826/PALMETTO EXWY. (NB)

12' PAVED SHLDR.

10' PAVED SHLDR.

CONST. SHLDR. BARRIER

END SHLDR. BARRIER
 BEGIN SHLDR. BARRIER
 (RETAINING SECTION)
 STA. 613+00.00 (6.00' LT)

6' PAVED SHLDR.

CONST. SHLDR. BARRIER
 (RETAINING SECTION)

END SHLDR. BARRIER
 (RETAINING SECTION)
 BEGIN SHLDR. BARRIER
 STA. 616+80.00 (6.00' LT)

CONST. SHLDR. BARRIER

611

612

613

614

615

RAMP D

617

G(B)

24' G(M) G(B)

G(B)

G(B)

G(B)

G(B)

G(B)

G(B)

CURVE RAMP D-1

RAMP D

6' PAVED SHLDR.

CONST. SHLDR. BARRIER
 (RETAINING SECTION)

END SHLDR. BARRIER
 (RETAINING SECTION)
 BEGIN TRAFFIC RAILING
 (36" SINGLE-SLOPE W/ MSE WALL
 STA. 618+80.00 (21.00' RT)

CONST. TRAFFIC RAILING
 (36" SINGLE-SLOPE) W/ MSE WALL

I-75 (SB)

LEGEND

- PROPOSED SHOULDER
- WIDENING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

EDWIN F. MOJENA, M.S., P.E.
 P.E. LICENSE NUMBER 62002
 H. W. LOCHNER, INC.
 CONSULTING ENGINEERS AND PLANNERS
 8750 NW 36th STREET - SUITE 360
 MIAMI, FLORIDA - 33178
 CERTIFICATE OF AUTHORIZATION 00000894

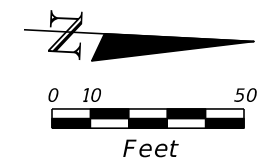
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

ROADWAY PLAN

SHEET
NO.

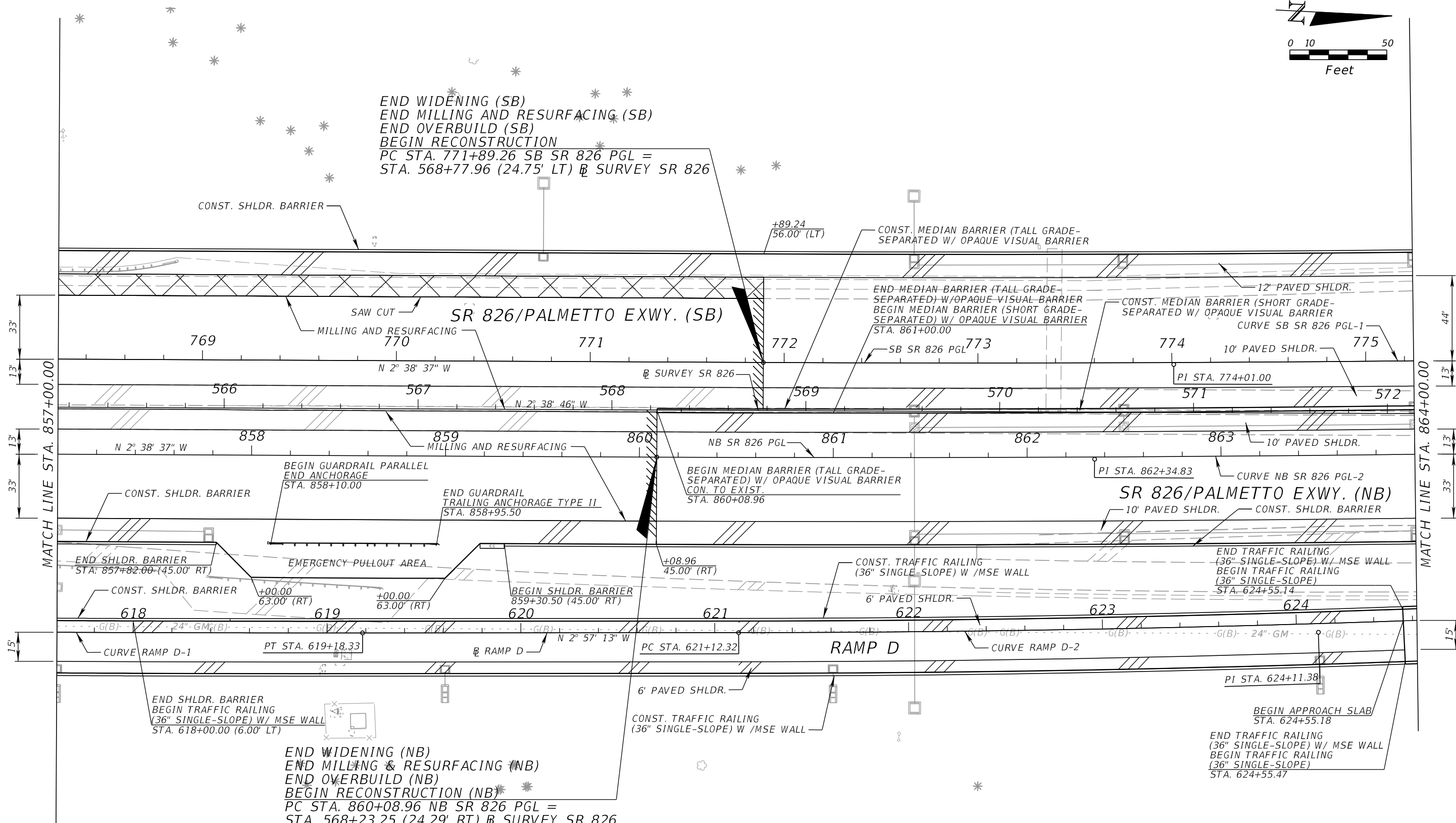
142

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END WIDENING (SB)
 END MILLING AND RESURFACING (SB)
 END OVERBUILD (SB)
 BEGIN RECONSTRUCTION
 PC STA. 771+89.26 SB SR 826 PGL =
 STA. 568+77.96 (24.75' LT) @ SURVEY SR 826

END WIDENING (NB)
 END MILLING & RESURFACING (NB)
 END OVERBUILD (NB)
 BEGIN RECONSTRUCTION (NB)
 PC STA. 860+08.96 NB SR 826 PGL =
 STA. 568+23.25 (24.29' RT) @ SURVEY SR 826

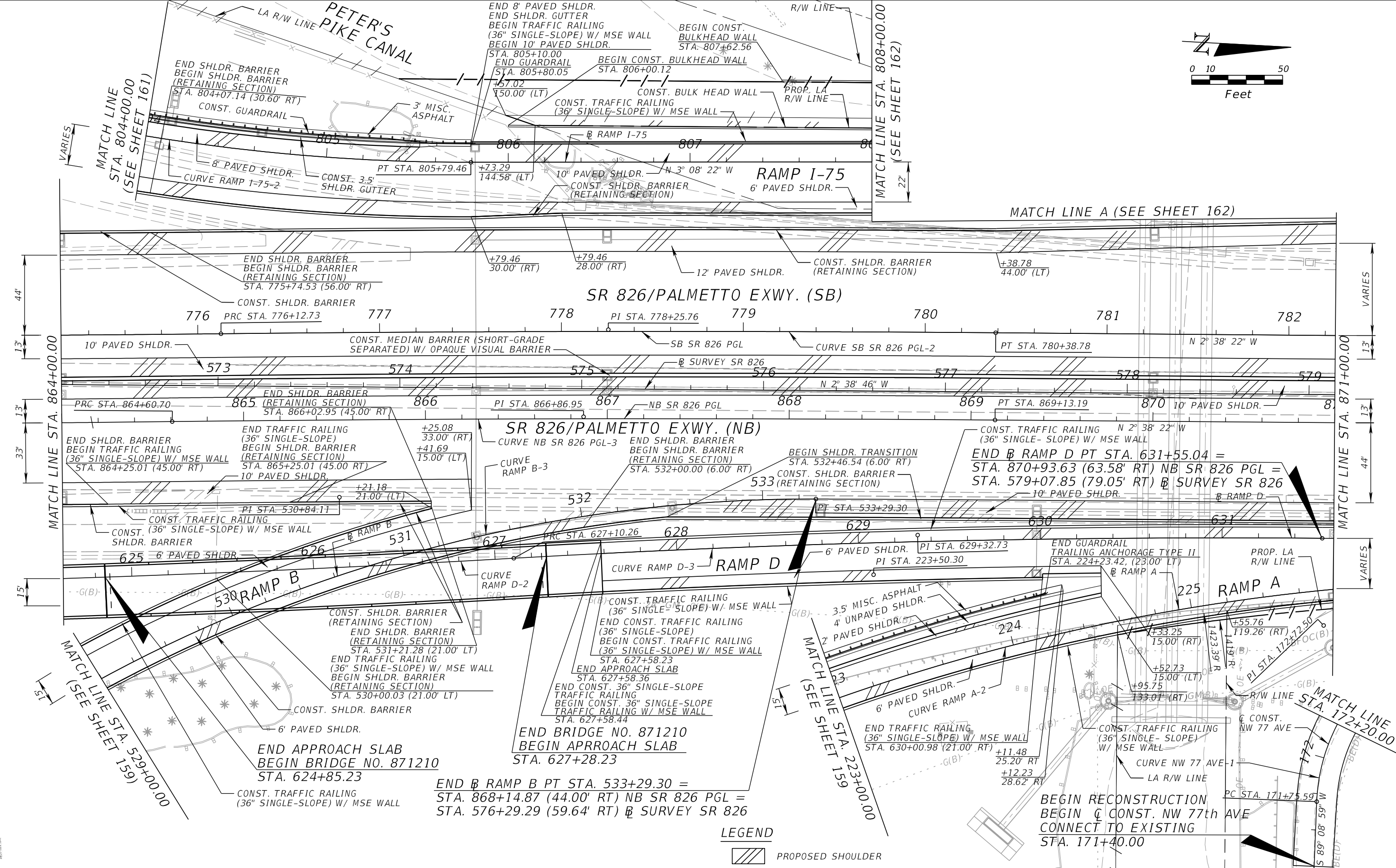
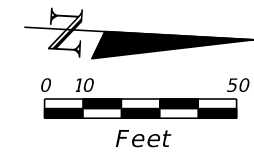


LEGEND

	PROPOSED SHOULDER
	WIDENING

REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. 143
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 826	MIAMI-DADE	435760-1-52-01		

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LEGEND

PROPOSED SHOULDER

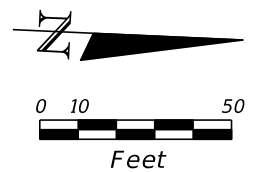
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

EDWIN F. MOJENA, M.S., P.E.
 P.E. LICENSE NUMBER 62002
 H. W. LOCHNER, INC.
 CONSULTING ENGINEERS AND PLANNERS
 8750 NW 36th STREET - SUITE 360
 MIAMI, FLORIDA - 33178
 CERTIFICATE OF AUTHORIZATION 00000894

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

ROADWAY PLAN		SHEET NO. 144
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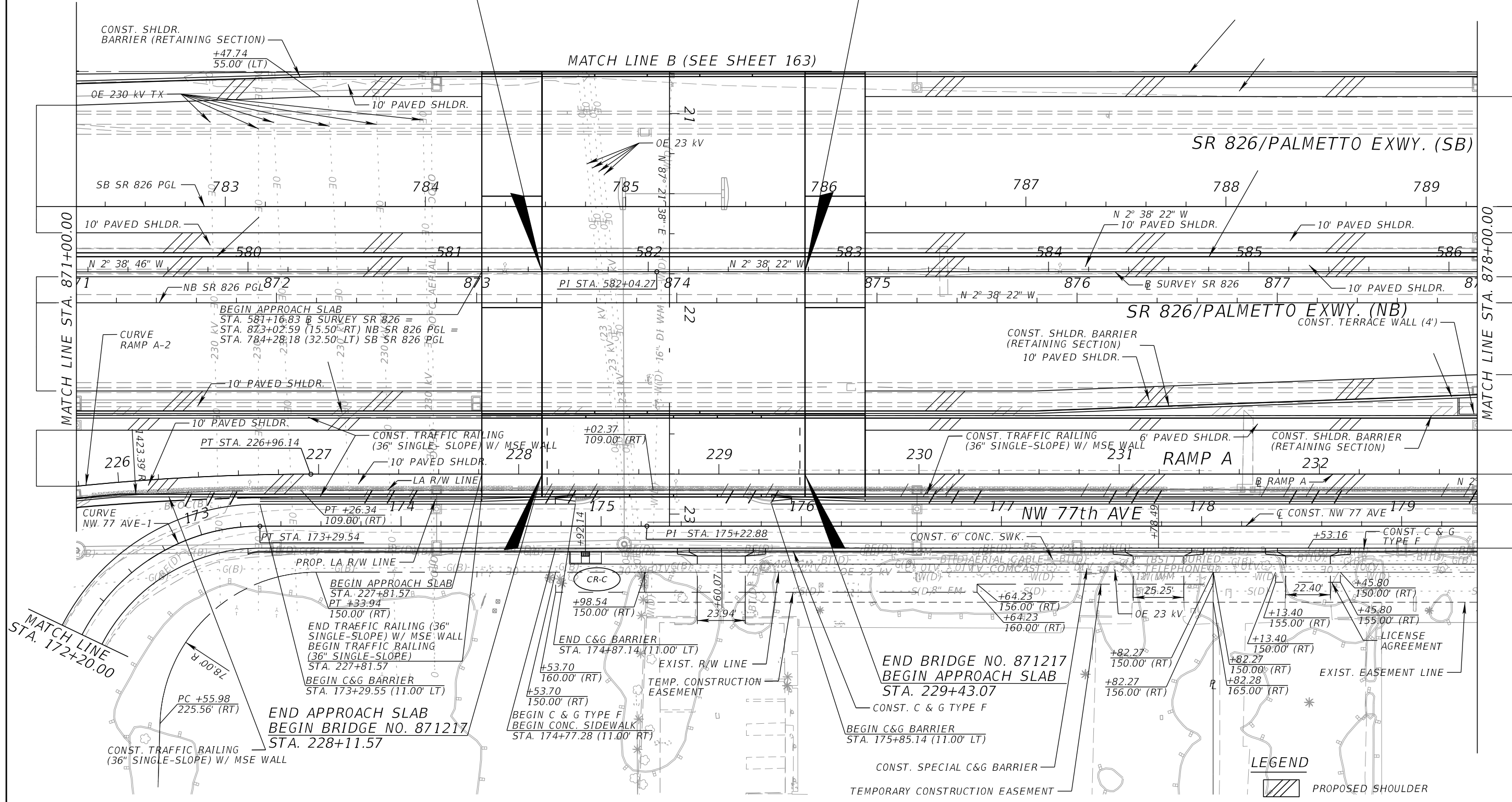


END APPROACH SLAB
 BEGIN BRIDGE NO. 871215
 STA. 581+46.83 @ SURVEY SR 826 =
 STA. 873+32.59 (15.49' RT) NB SR 826 PGL =
 STA. 784+58.18 (32.51' LT) SB SR 826 PGL

NOTE:
 SEE SHEET 177
 FOR NW 146 ST UNDERPASS

END BRIDGE NO. 871215
 BEGIN APPROACH SLAB
 STA. 582+78.33 @ SURVEY SR 826 =
 STA. 874+64.09 (15.50' RT) NB SR 826 PGL =
 STA. 785+89.68 (32.50' LT) SB SR 826 PGL

MATCH LINE B (SEE SHEET 163)



MATCH LINE STA. 172+20.00

MATCH LINE STA. 878+00.00

END APPROACH SLAB
 BEGIN BRIDGE NO. 871217
 STA. 228+11.57

END BRIDGE NO. 871217
 BEGIN APPROACH SLAB
 STA. 229+43.07

LEGEND
 PROPOSED SHOULDER

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

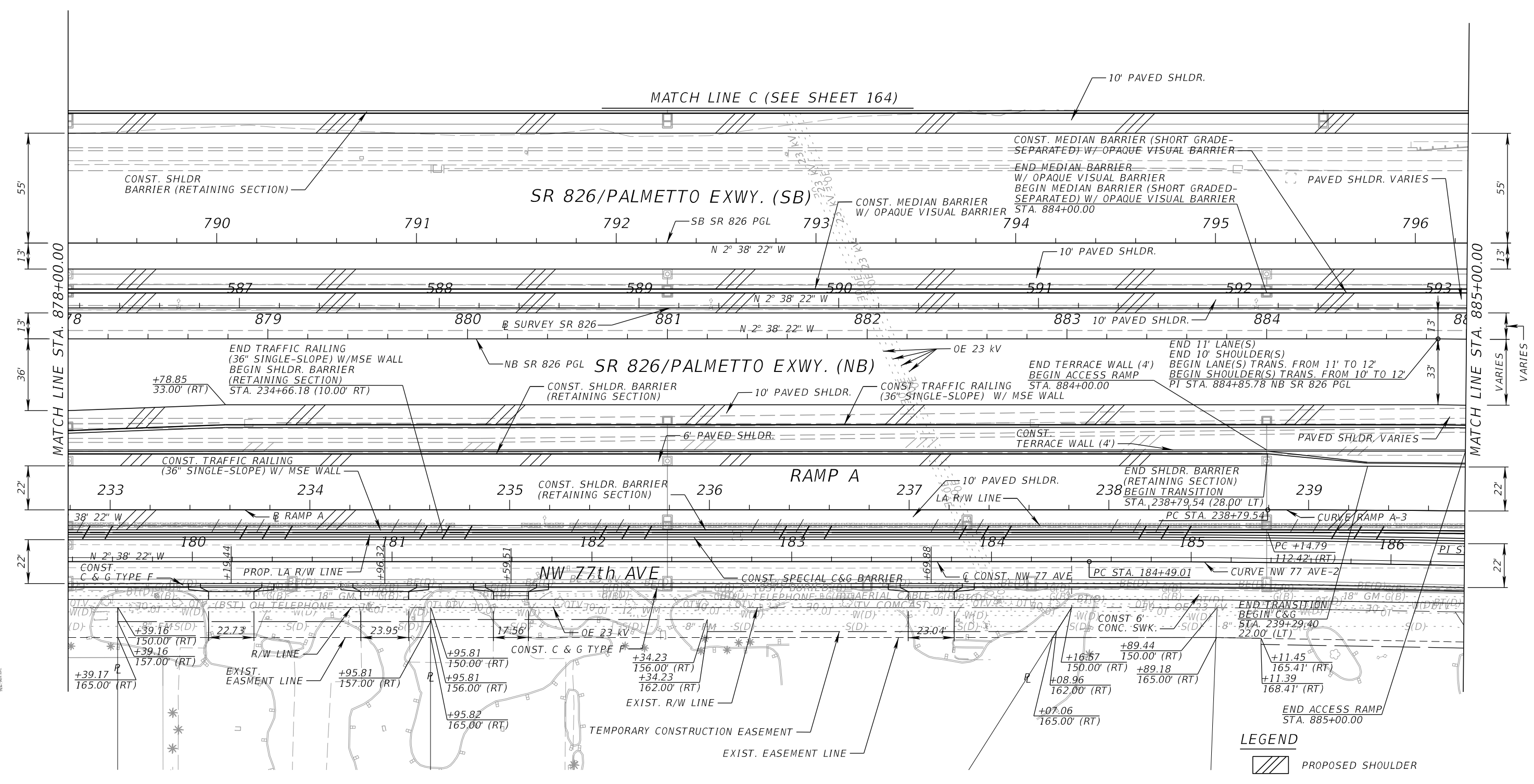
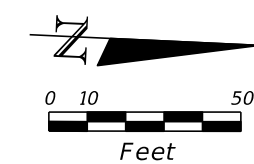
EDWIN F. MOJENA, M.S., P.E.
 P.E. LICENSE NUMBER 62002
 H. W. LOCHNER, INC.
 CONSULTING ENGINEERS AND PLANNERS
 8750 NW 36th STREET - SUITE 360
 MIAMI, FLORIDA - 33178
 CERTIFICATE OF AUTHORIZATION 00000894

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

ROADWAY PLAN

SHEET NO.
 145

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



LEGEND

PROPOSED SHOULDER

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

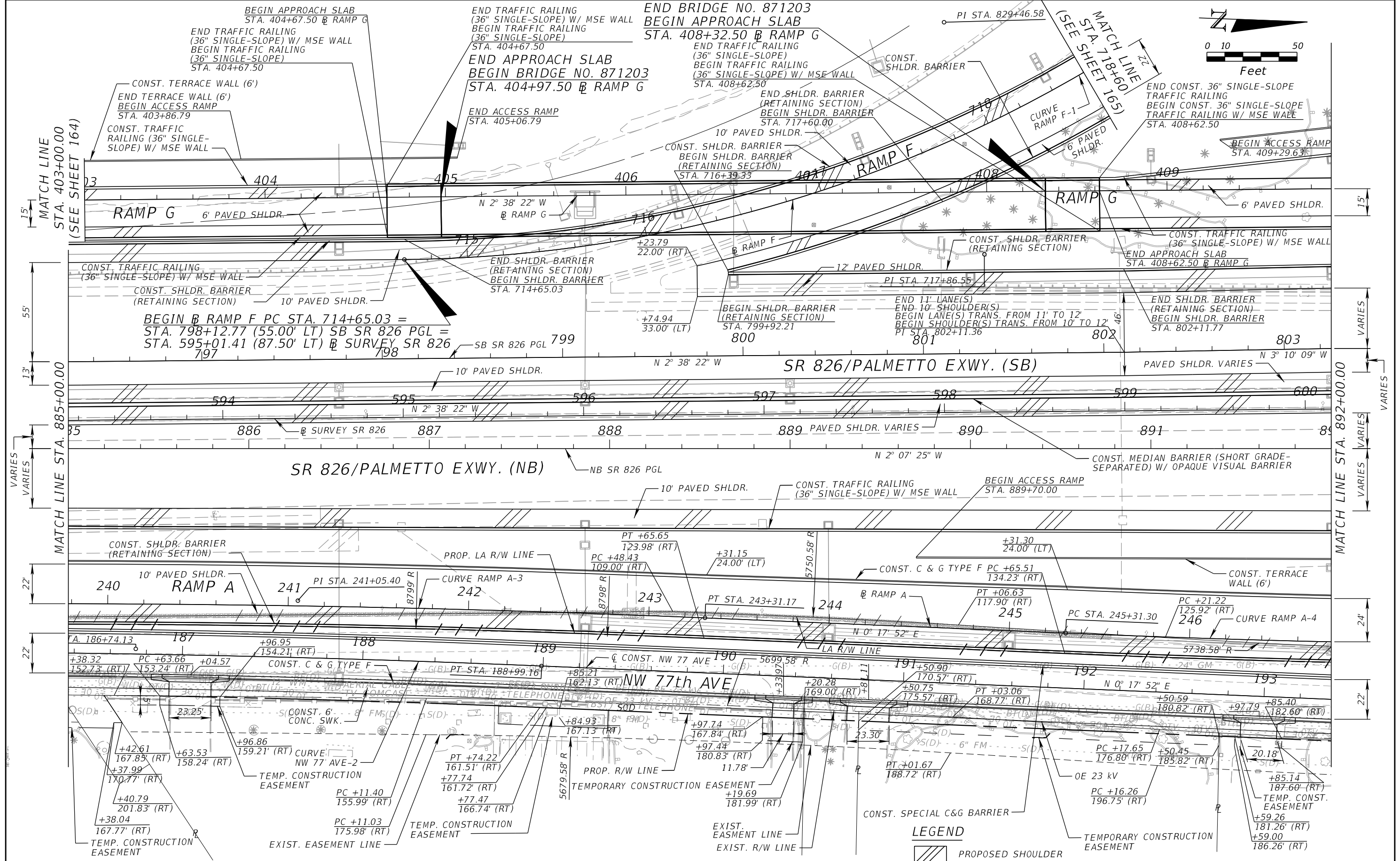
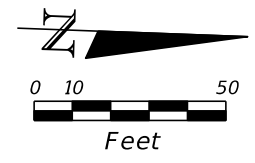
EDWIN F. MOJENA, M.S., P.E.
 P.E. LICENSE NUMBER 62002
 H. W. LOCHNER, INC.
 CONSULTING ENGINEERS AND PLANNERS
 8750 NW 36th STREET - SUITE 360
 MIAMI, FLORIDA - 33178
 CERTIFICATE OF AUTHORIZATION 00000894

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

ROADWAY PLAN

SHEET NO.
146

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



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

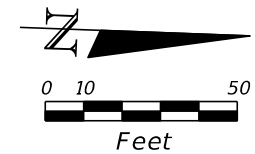
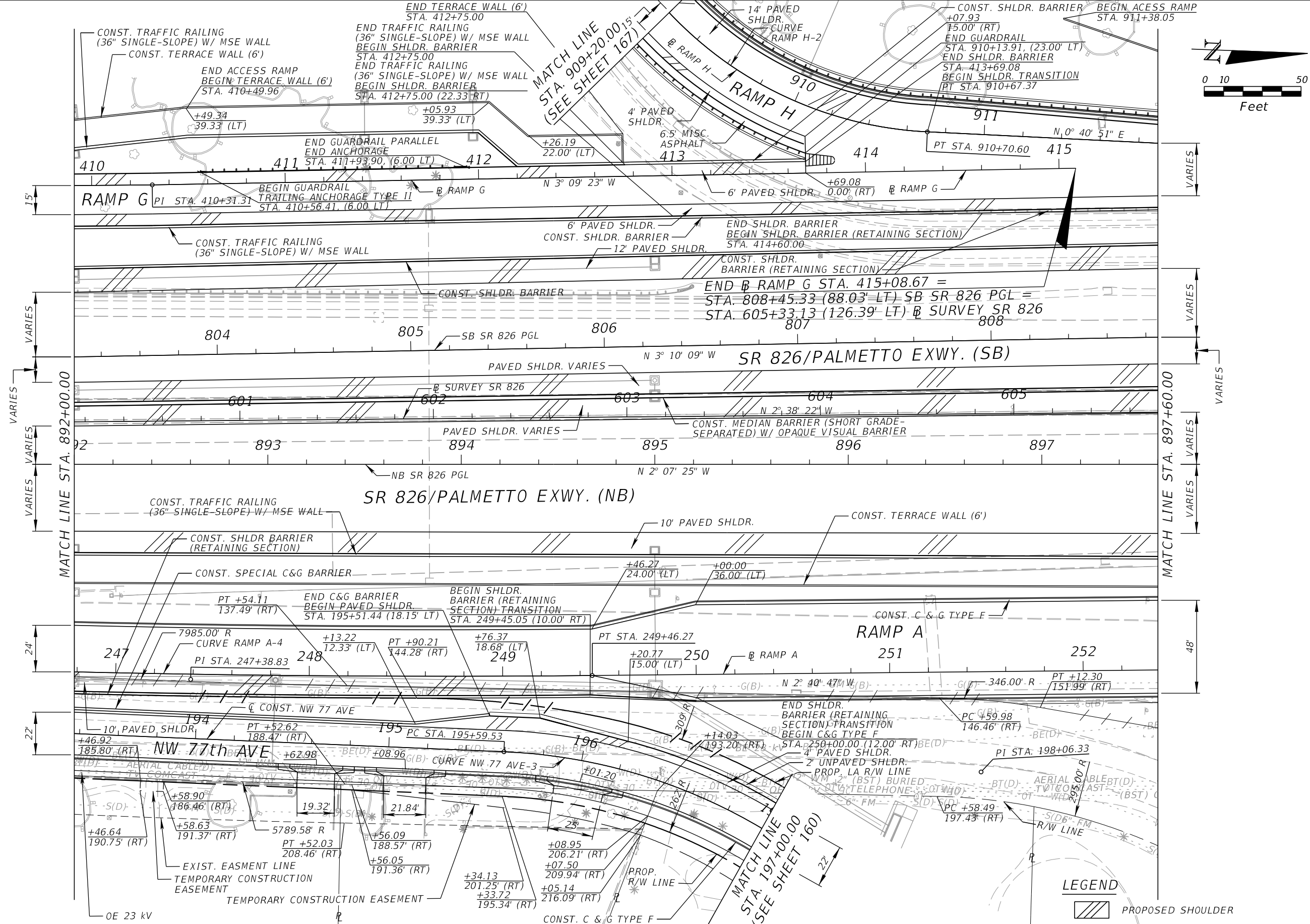
EDWIN F. MOJENA, M.S., P.E.
P.E. LICENSE NUMBER 62002
H. W. LOCHNER, INC.
CONSULTING ENGINEERS AND PLANNERS
8750 NW 36th STREET - SUITE 360
MIAMI, FLORIDA - 33178
CERTIFICATE OF AUTHORIZATION 00000894

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

ROADWAY PLAN

SHEET NO.
147

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



MATCH LINE STA. 892+00.00

MATCH LINE STA. 897+60.00

LEGEND
 PROPOSED SHOULDER

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

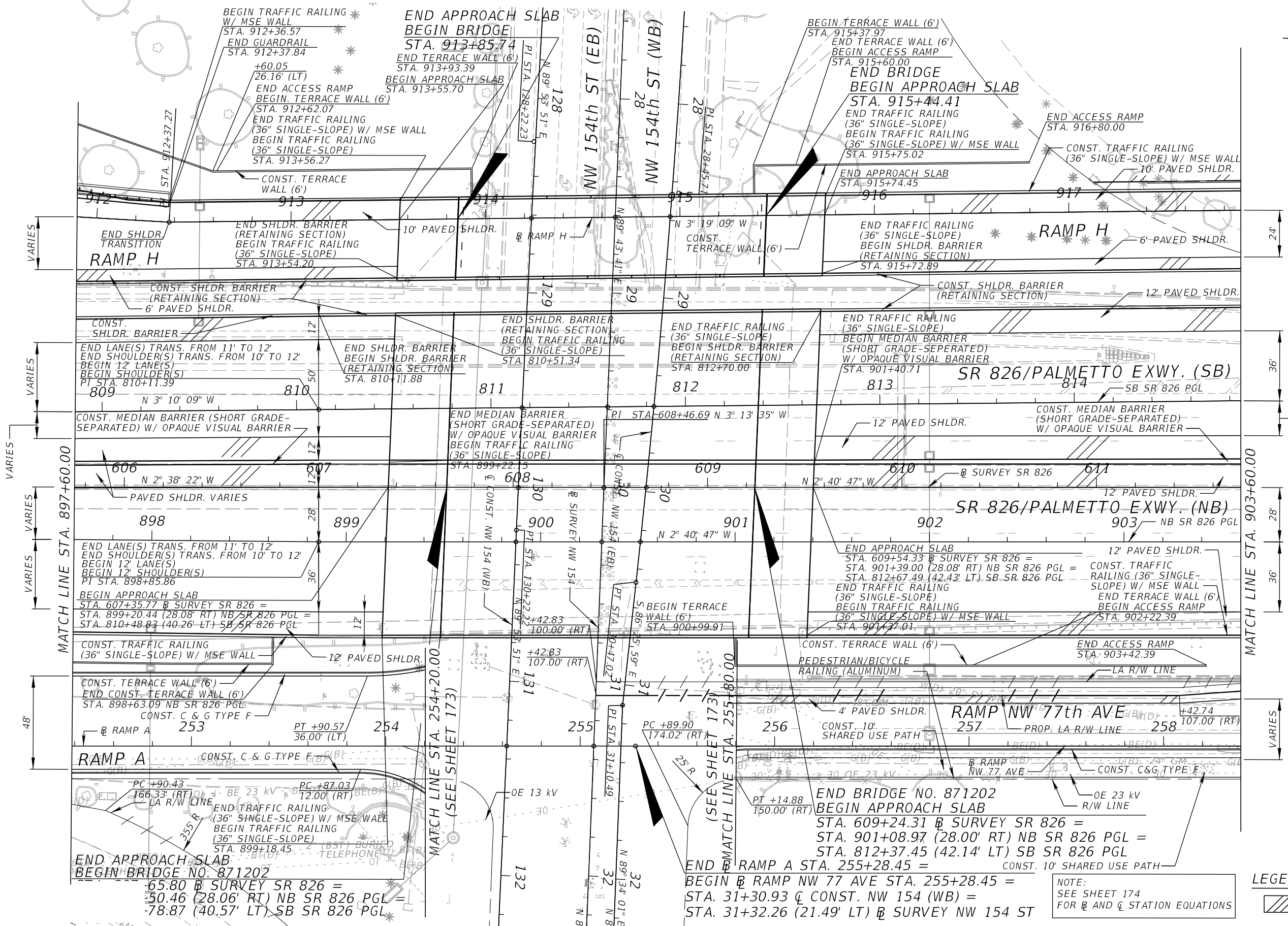
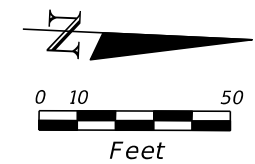
EDWIN F. MOJENA, M.S., P.E.
 P.E. LICENSE NUMBER 62002
 H. W. LOCHNER, INC.
 CONSULTING ENGINEERS AND PLANNERS
 8750 NW 36th STREET - SUITE 360
 MIAMI, FLORIDA - 33178
 CERTIFICATE OF AUTHORIZATION 00000894

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

ROADWAY PLAN

SHEET NO.
148

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



END APPROACH SLAB
 BEGIN BRIDGE NO. 871202
 STA. 65.80 @ SURVEY SR 826 =
 STA. 50.46 (28.06' RT) NB SR 826 PGL =
 STA. 78.87 (40.57' LT) SB SR 826 PGL

END BRIDGE NO. 871202
 BEGIN APPROACH SLAB
 STA. 609+24.31 @ SURVEY SR 826 =
 STA. 901+08.97 (28.00' RT) NB SR 826 PGL =
 STA. 812+37.45 (42.14' LT) SB SR 826 PGL
 END RAMP A STA. 255+28.45 =
 BEGIN RAMP NW 77 AVE STA. 255+28.45 =
 STA. 31+30.93 @ CONST. NW 154 (WB) =
 STA. 31+32.26 (21.49' LT) @ SURVEY NW 154 ST

NOTE:
 SEE SHEET 174
 FOR @ AND @ STATION EQUATIONS

LEGEND
 PROPOSED SHOULDER

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

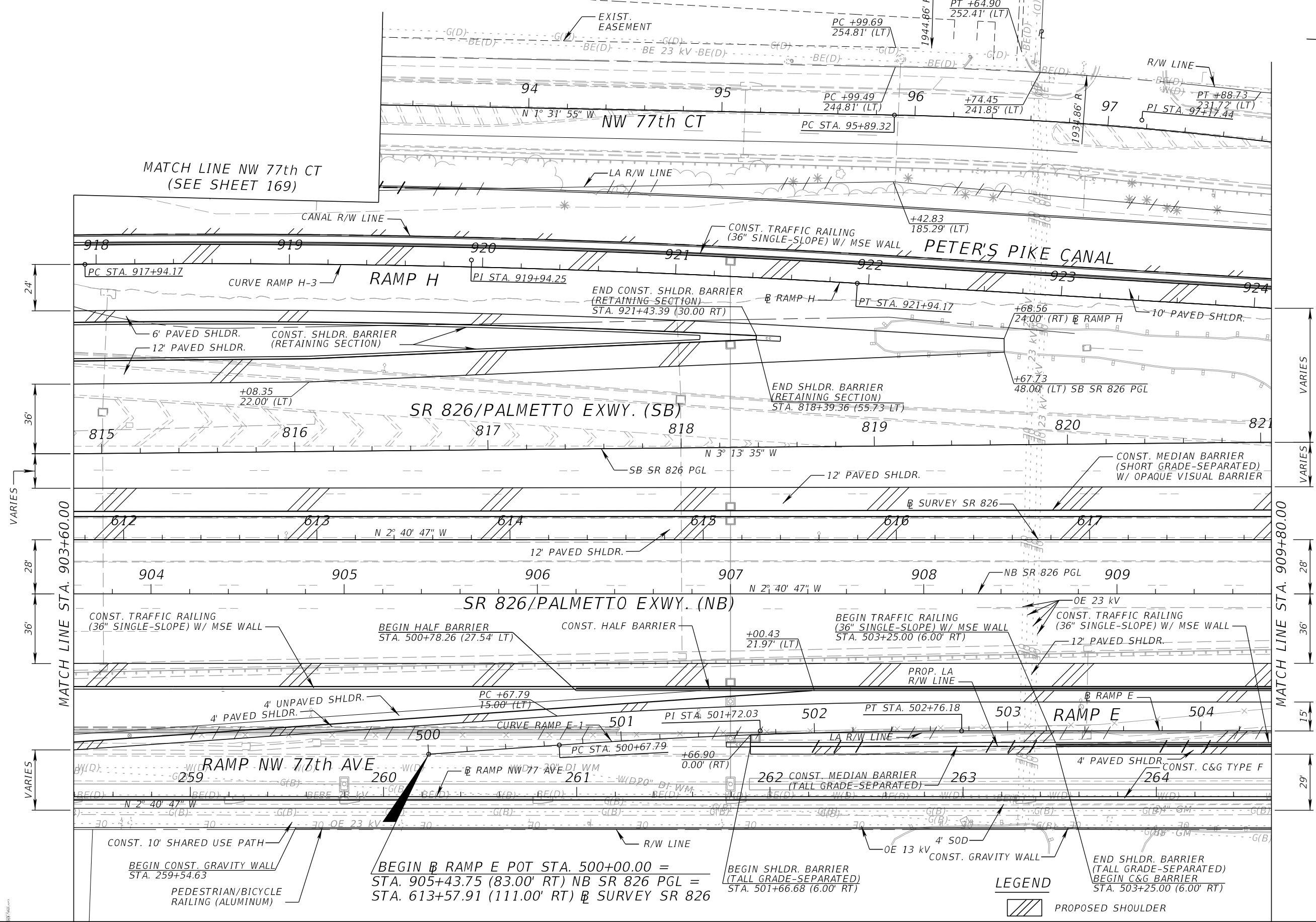
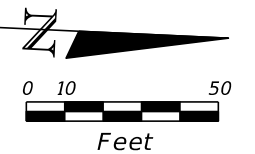
EDWIN F. MOJENA, M.S., P.E.
 P.E. LICENSE NUMBER 62002
 H. W. LOCHNER, INC.
 CONSULTING ENGINEERS AND PLANNERS
 8750 NW 36th STREET - SUITE 360
 MIAMI, FLORIDA - 33178
 CERTIFICATE OF AUTHORIZATION 00000894

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

ROADWAY PLAN

SHEET NO.
149

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



MATCH LINE NW 77th CT
(SEE SHEET 169)

MATCH LINE STA. 903+60.00

MATCH LINE STA. 909+80.00

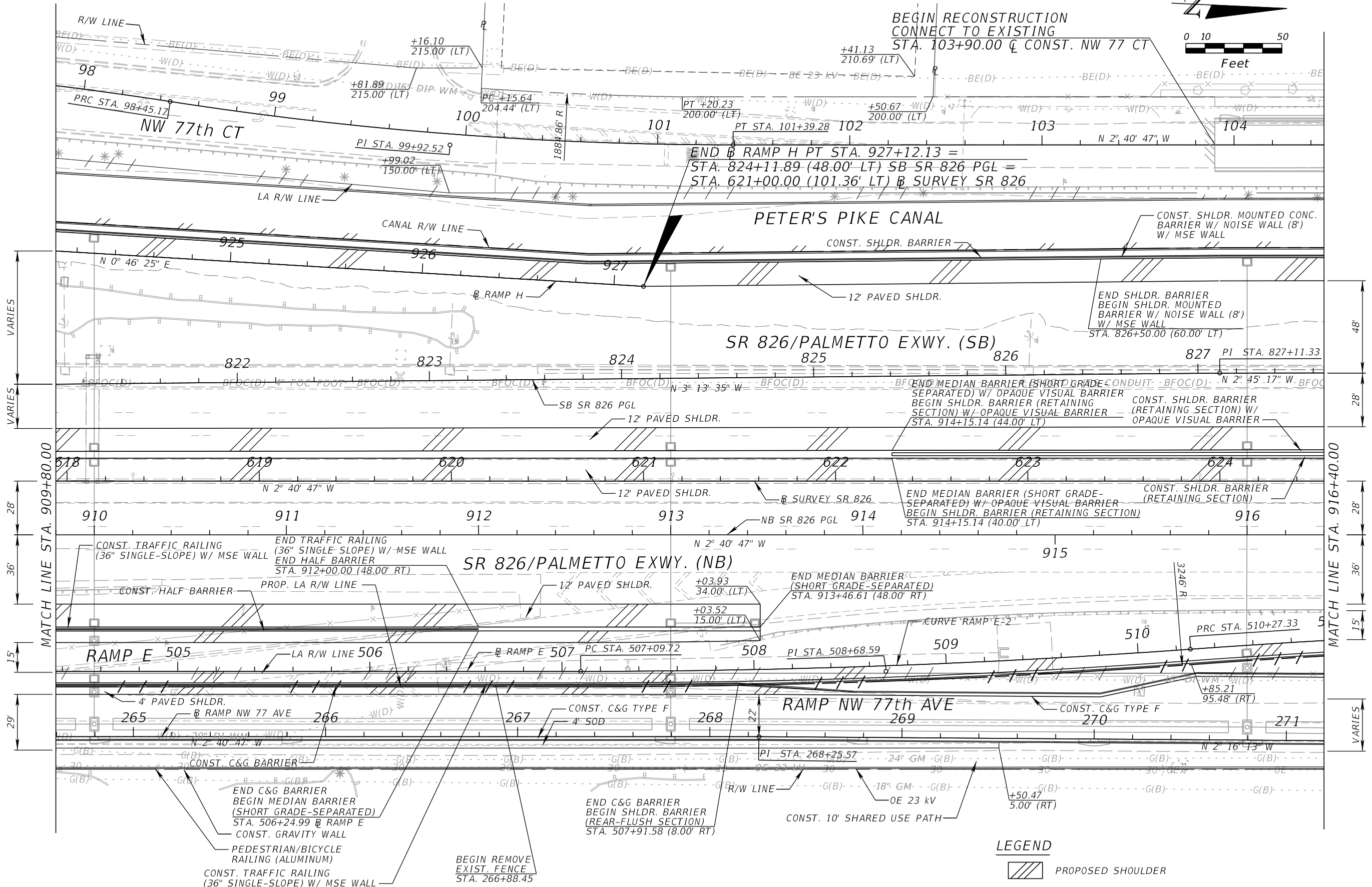
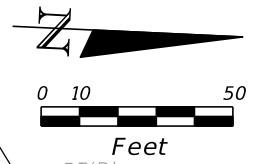
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

EDWIN F. MOJENA, M.S., P.E.
P.E. LICENSE NUMBER 62002
H. W. LOCHNER, INC.
CONSULTING ENGINEERS AND PLANNERS
8750 NW 36th STREET - SUITE 360
MIAMI, FLORIDA - 33178
CERTIFICATE OF AUTHORIZATION 00000894

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

ROADWAY PLAN		SHEET NO. 150
---------------------	--	-------------------------

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



LEGEND
 PROPOSED SHOULDER

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

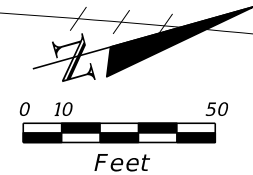
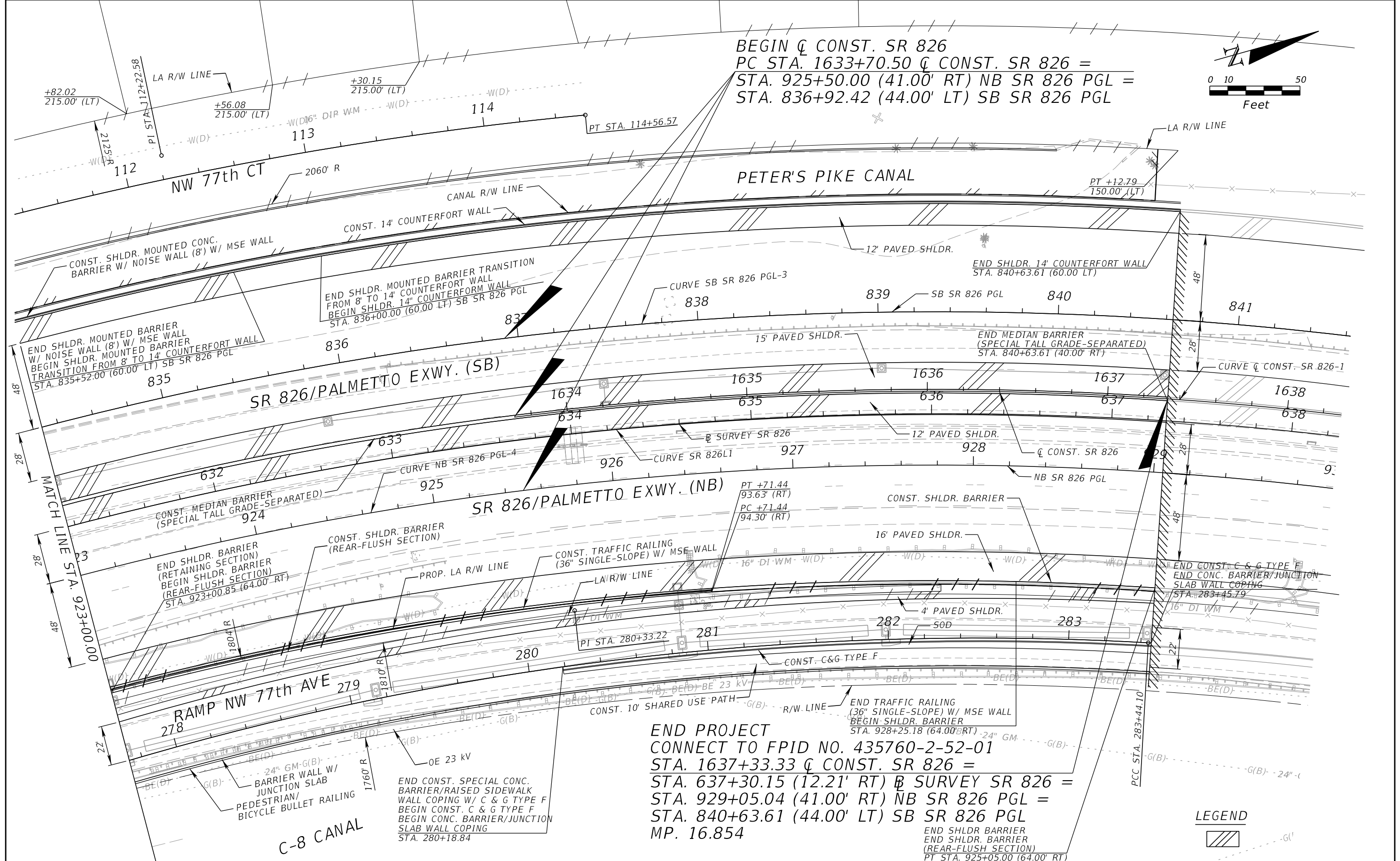
EDWIN F. MOJENA, M.S., P.E.
 P.E. LICENSE NUMBER 62002
 H. W. LOCHNER, INC.
 CONSULTING ENGINEERS AND PLANNERS
 8750 NW 36th STREET - SUITE 360
 MIAMI, FLORIDA - 33178
 CERTIFICATE OF AUTHORIZATION 00000894

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

ROADWAY PLAN

SHEET NO.
151

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



REVISIONS	
DATE	DESCRIPTION

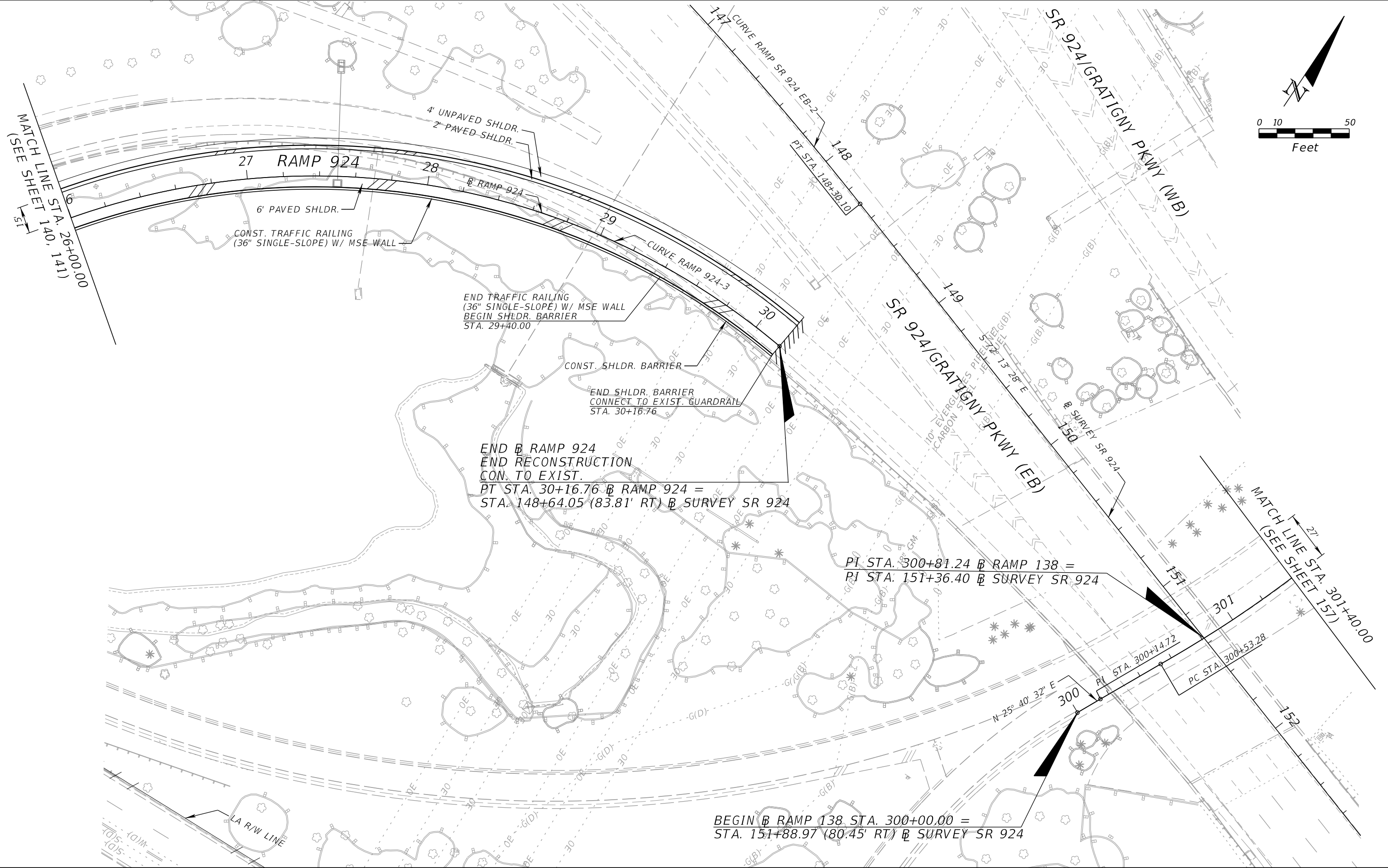
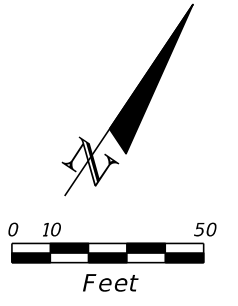
EDWIN F. MOJENA, M.S., P.E.
 P.E. LICENSE NUMBER 62002
 H. W. LOCHNER, INC.
 CONSULTING ENGINEERS AND PLANNERS
 8750 NW 36th STREET - SUITE 360
 MIAMI, FLORIDA - 33178
 CERTIFICATE OF AUTHORIZATION 00000894

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

ROADWAY PLAN

SHEET NO.
153

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



END β RAMP 924
 END RECONSTRUCTION
 CON. TO EXIST.
 $PT STA. 30+16.76 \beta RAMP 924 =$
 $STA. 148+64.05 (83.81' RT) \beta SURVEY SR 924$

$PT STA. 300+81.24 \beta RAMP 138 =$
 $PT STA. 151+36.40 \beta SURVEY SR 924$

$BEGIN \beta RAMP 138 STA. 300+00.00 =$
 $STA. 151+88.97 (80.45' RT) \beta SURVEY SR 924$

REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION

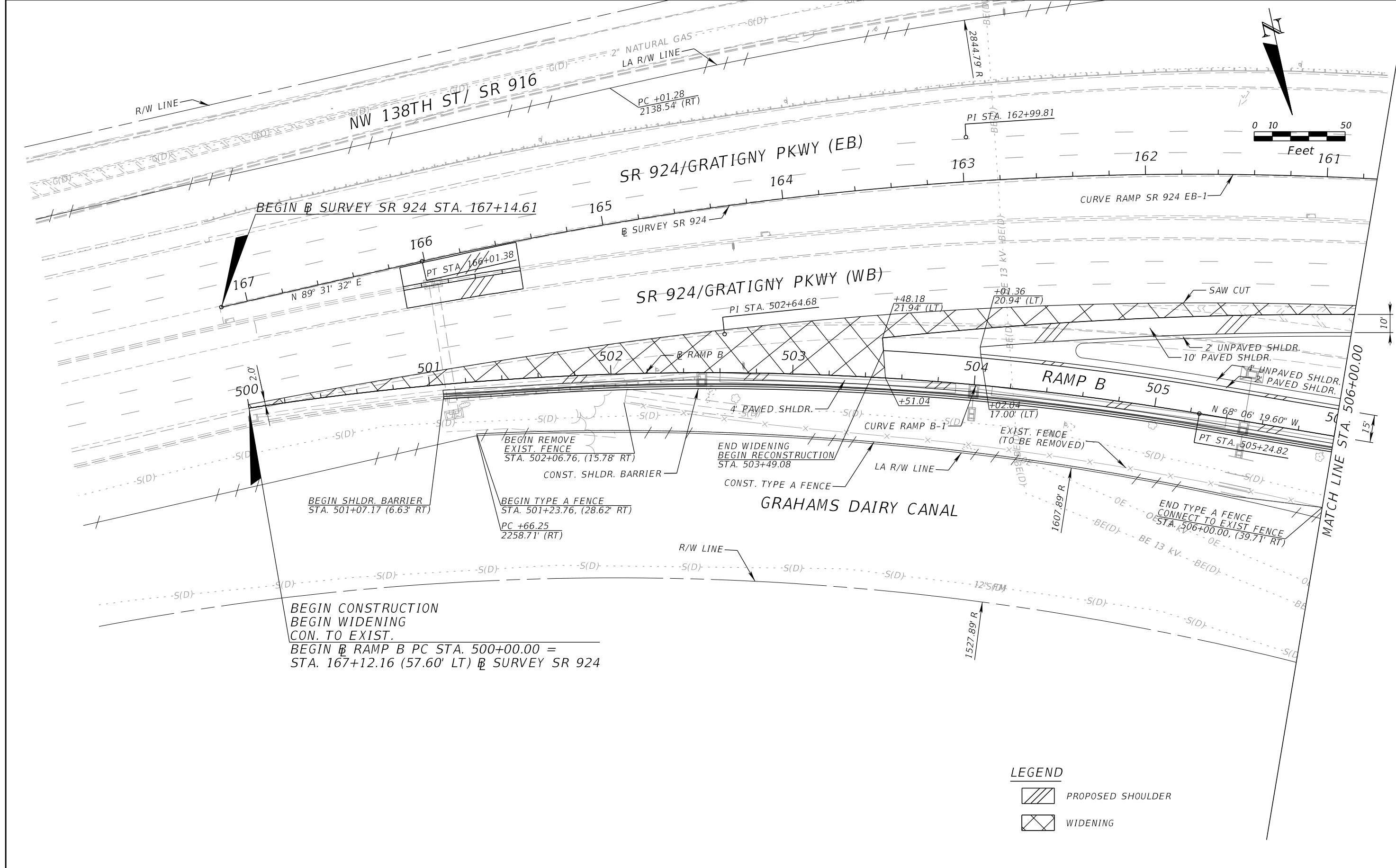
EDWIN F. MOJENA, M.S., P.E.
 P.E. LICENSE NUMBER 62002
 H. W. LOCHNER, INC.
 CONSULTING ENGINEERS AND PLANNERS
 8750 NW 36th STREET - SUITE 360
 MIAMI, FLORIDA - 33178
 CERTIFICATE OF AUTHORIZATION 00000894

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-152-01

ROADWAY PLAN

SHEET NO.
154

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

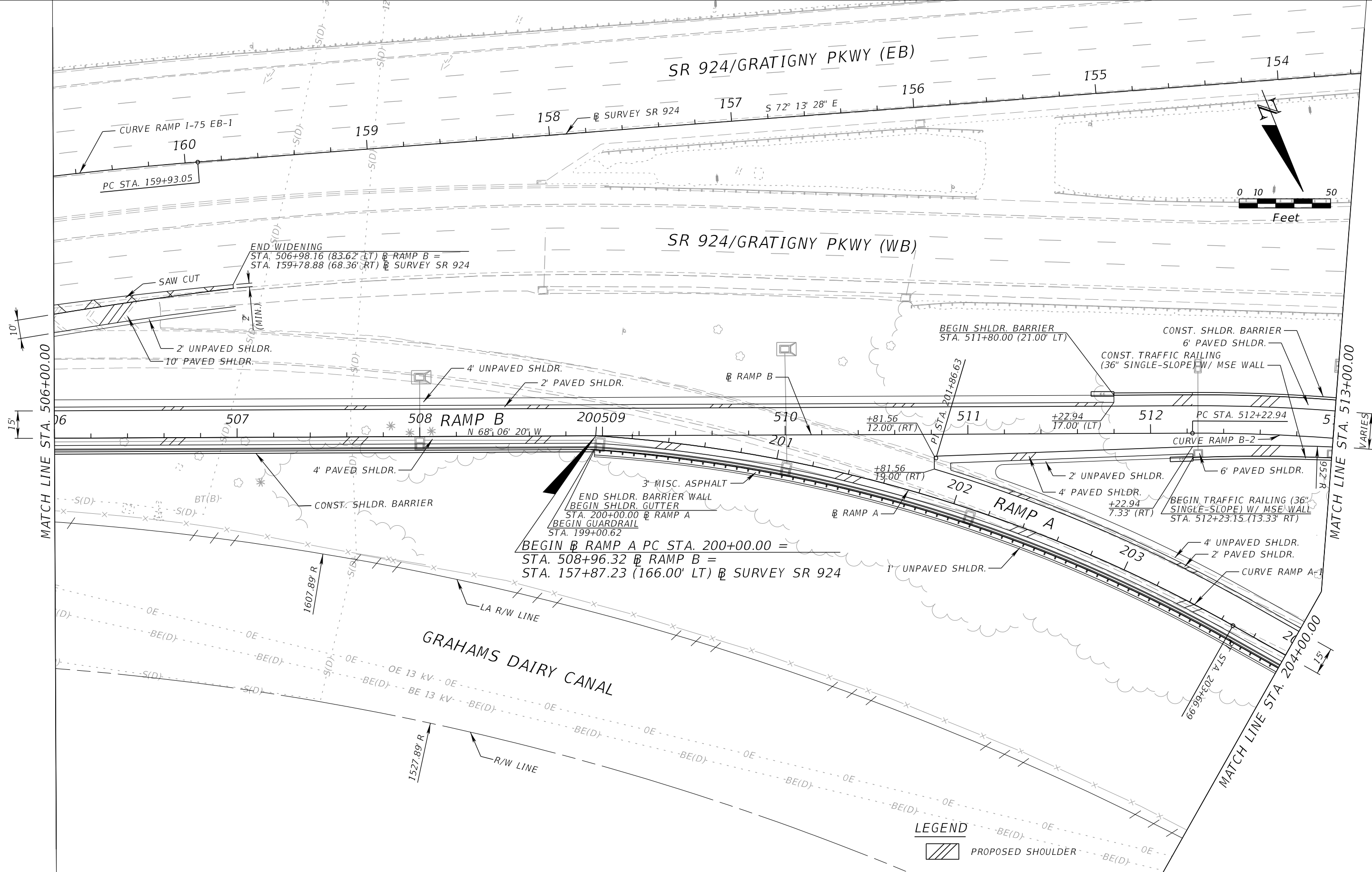
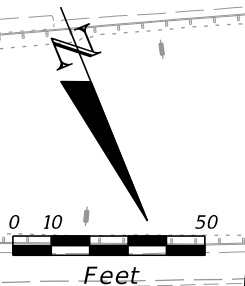


THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SR 924/GRATIGNY PKWY (EB)

SR 924/GRATIGNY PKWY (WB)

GRAHAMS DAIRY CANAL



BEGIN RAMP A PC STA. 200+00.00 =
 STA. 508+96.32 @ RAMP B =
 STA. 157+87.23 (166.00' LT) @ SURVEY SR 924

END WIDENING
 STA. 506+98.16 (83.62' LT) @ RAMP B =
 STA. 159+78.88 (68.36' RT) @ SURVEY SR 924



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

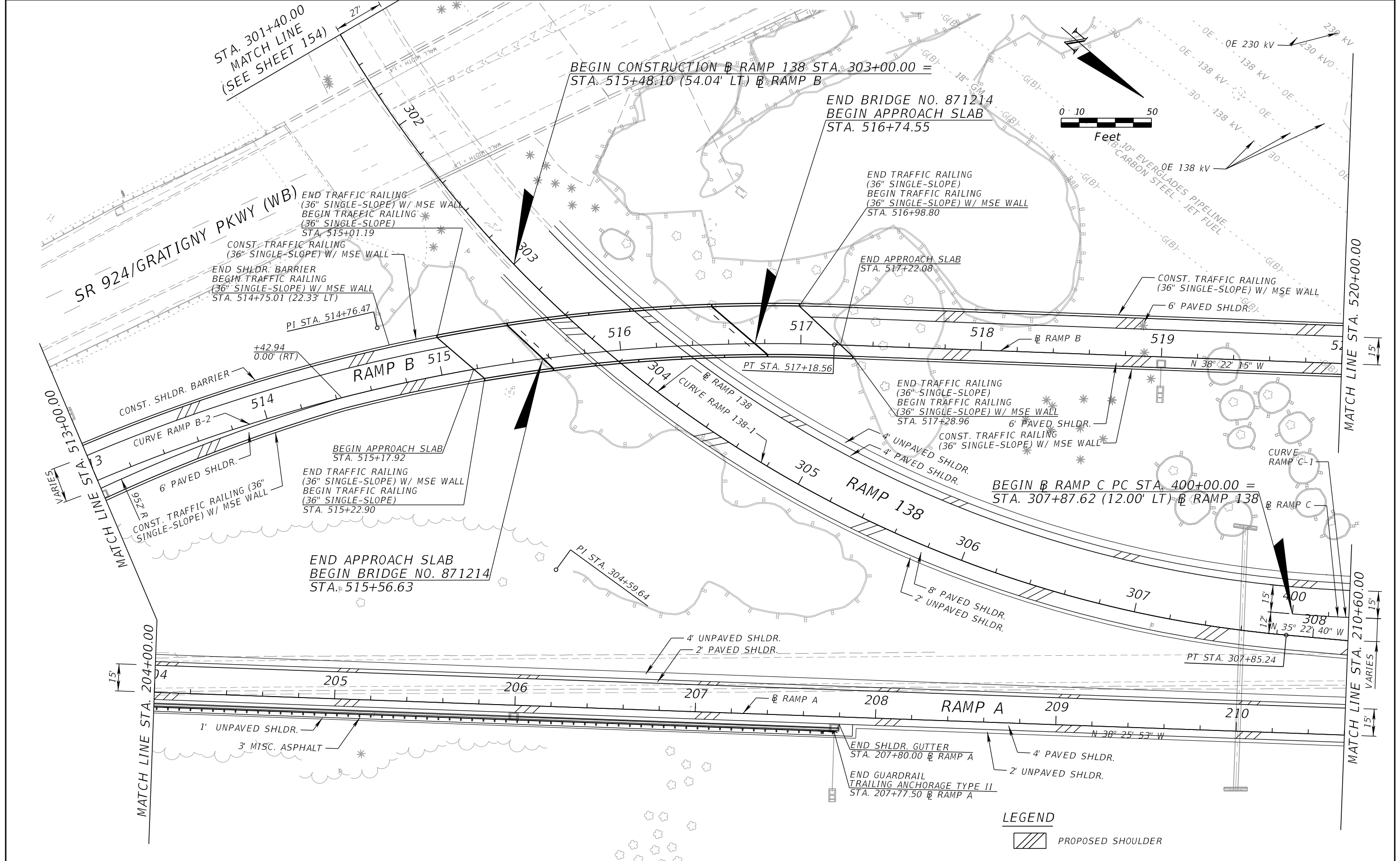
EDWIN F. MOJENA, M.S., P.E.
 P.E. LICENSE NUMBER 62002
 H. W. LOCHNER, INC.
 CONSULTING ENGINEERS AND PLANNERS
 8750 NW 36th STREET - SUITE 360
 MIAMI, FLORIDA - 33178
 CERTIFICATE OF AUTHORIZATION 00000894

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

ROADWAY PLAN

SHEET NO.
156

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



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

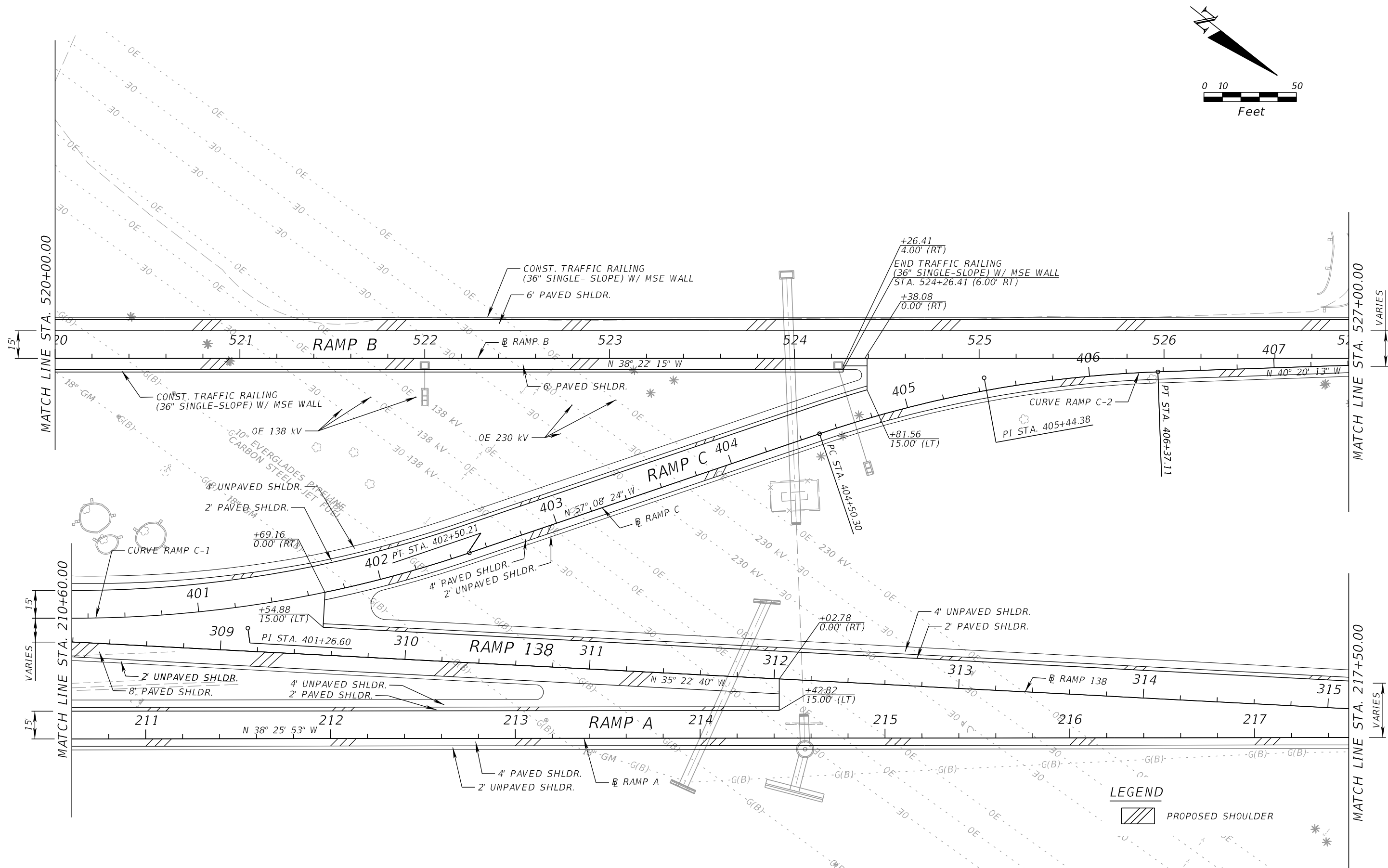
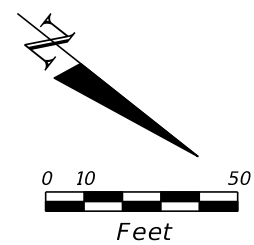
EDWIN F. MOJENA, M.S., P.E.
P.E. LICENSE NUMBER 62002
H. W. LOCHNER, INC.
CONSULTING ENGINEERS AND PLANNERS
8750 NW 36th STREET - SUITE 360
MIAMI, FLORIDA - 33178
CERTIFICATE OF AUTHORIZATION 00000894

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

ROADWAY PLAN

SHEET NO.
157

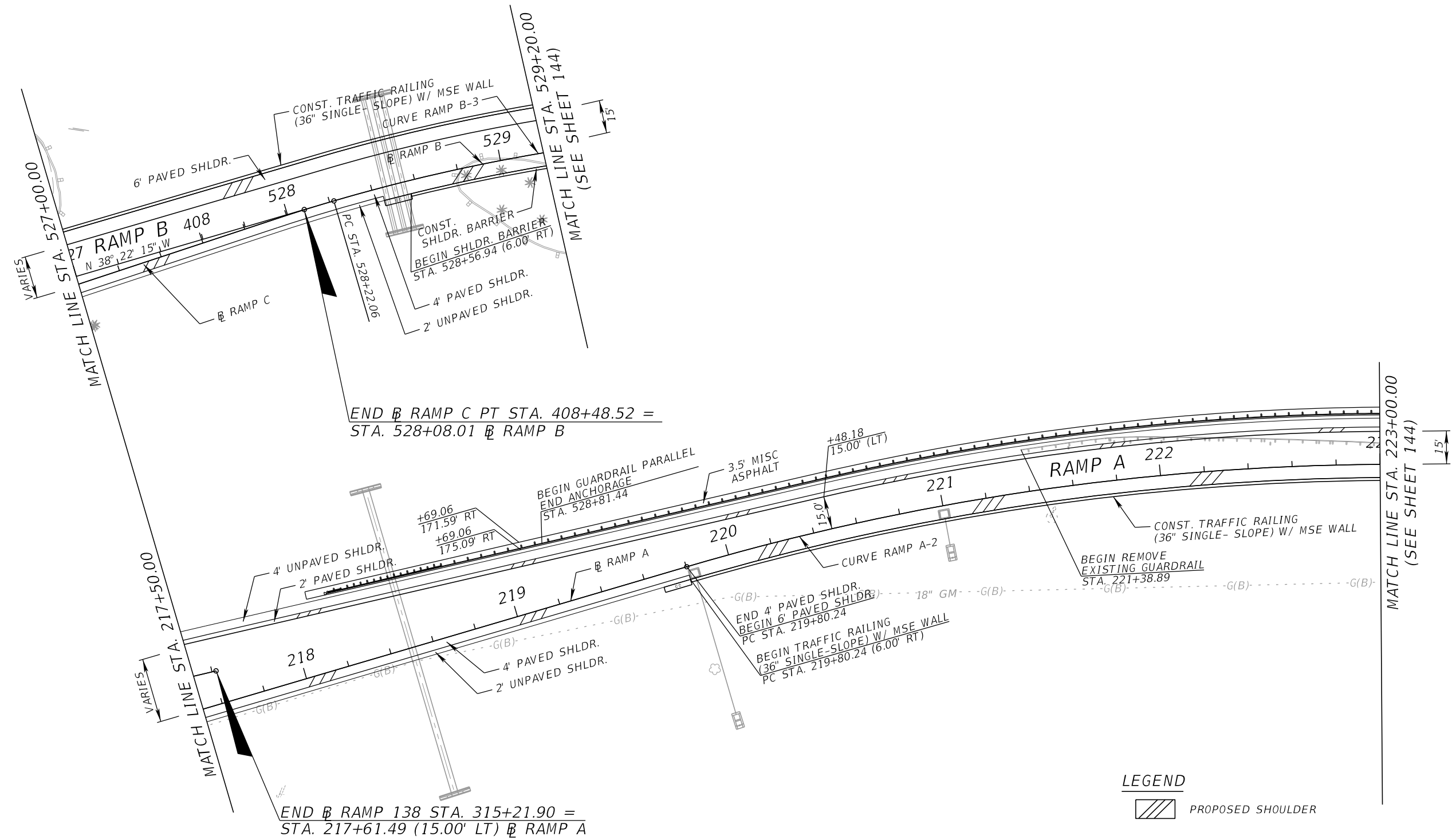
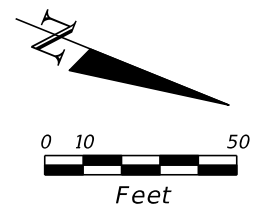
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



LEGEND
 PROPOSED SHOULDER

REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. 158
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 826	MIAMI-DADE	435760-1-52-01		

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



END RAMP C PT STA. 408+48.52 =
STA. 528+08.01 RAMP B

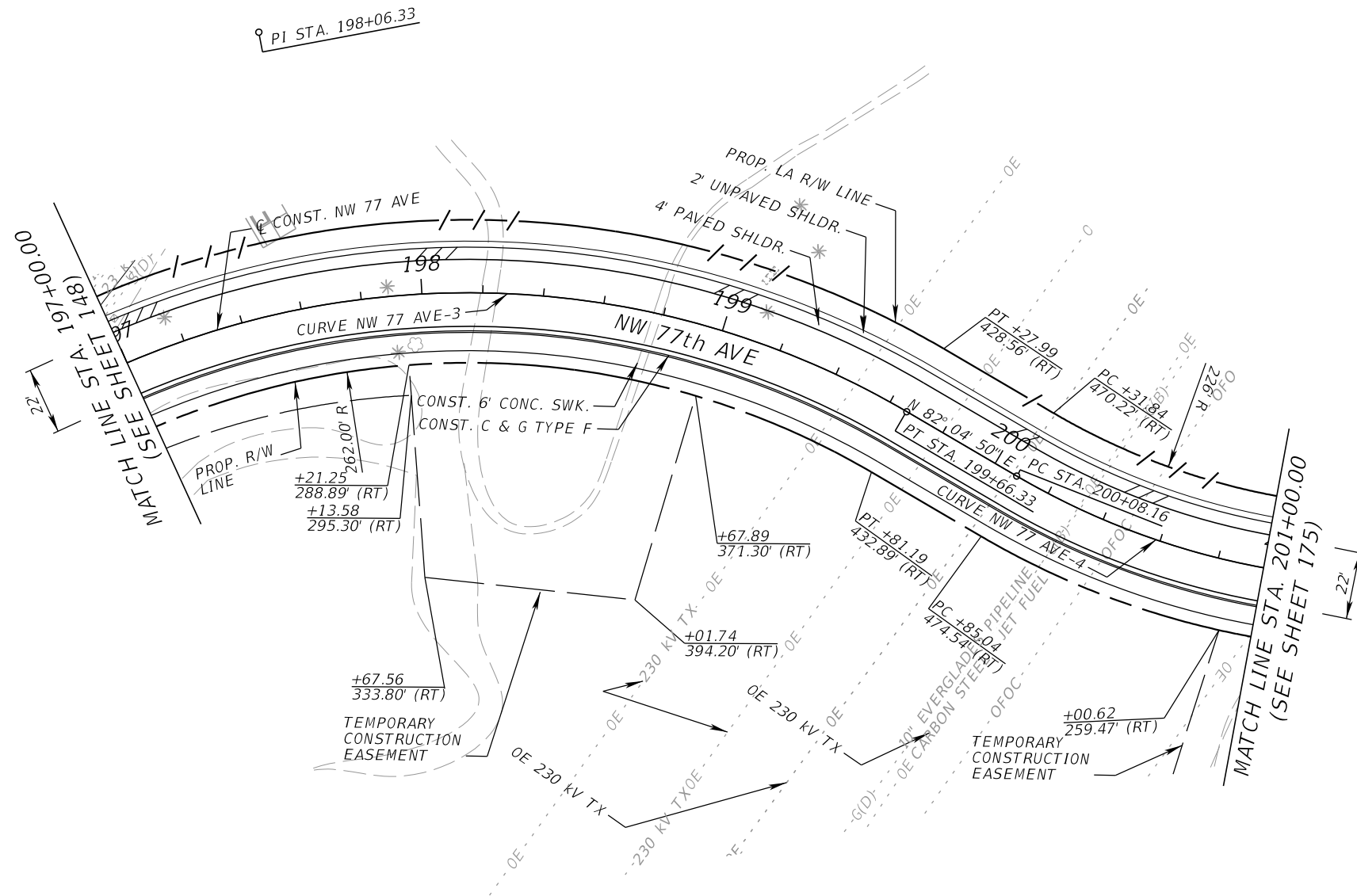
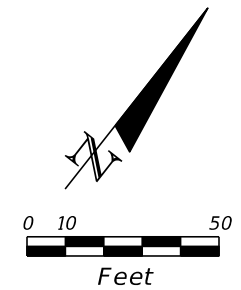
END RAMP 138 STA. 315+21.90 =
STA. 217+61.49 (15.00' LT) RAMP A

LEGEND
 PROPOSED SHOULDER

REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 159
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 826	MIAMI-DADE	435760-1-52-01	

ROADWAY PLAN

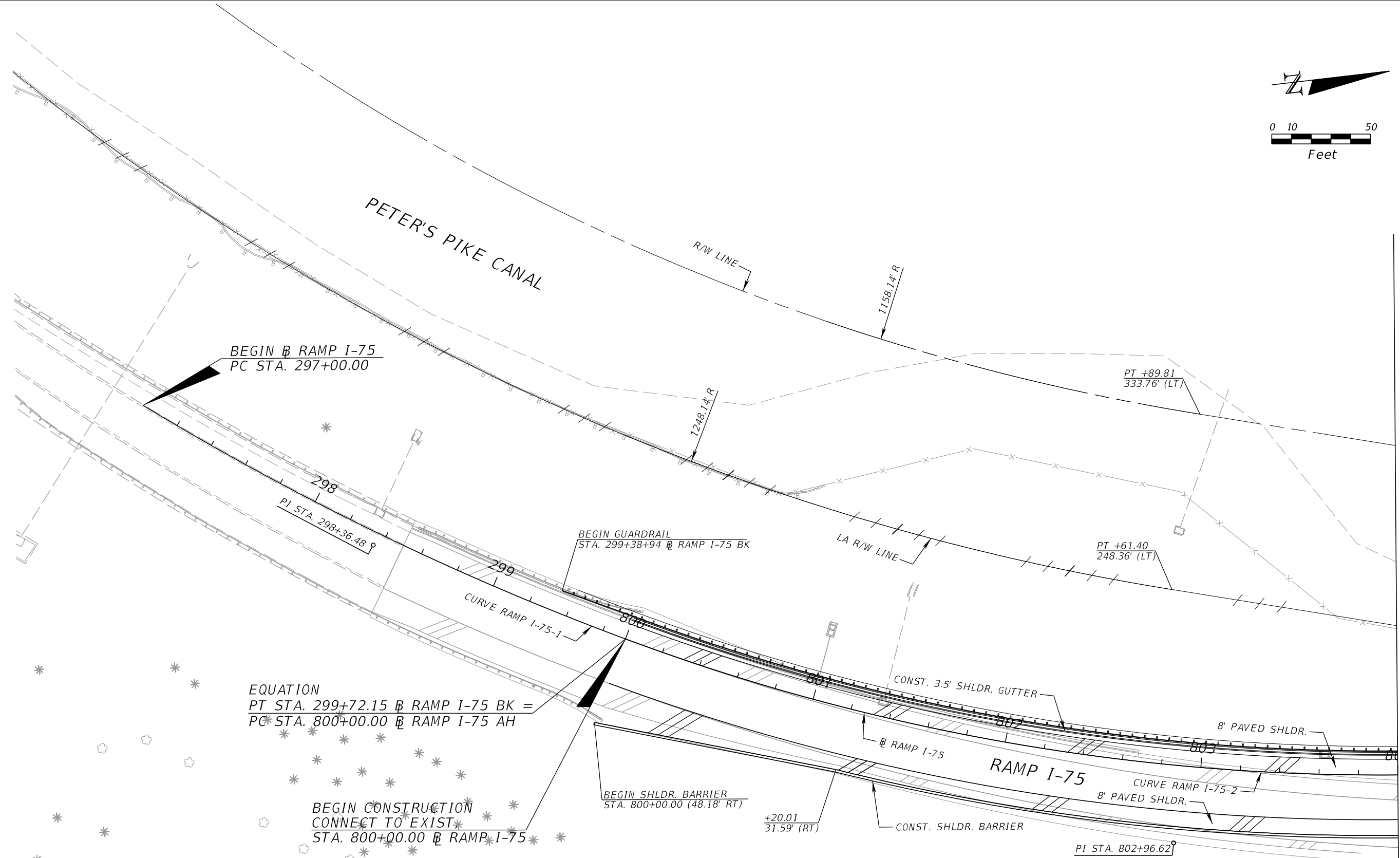
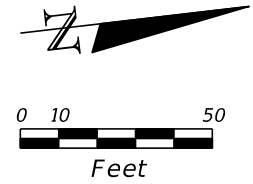
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

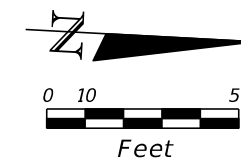


LEGEND
 PROPOSED SHOULDER

REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. 160
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 826	MIAMI-DADE	435760-1-52-01		

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

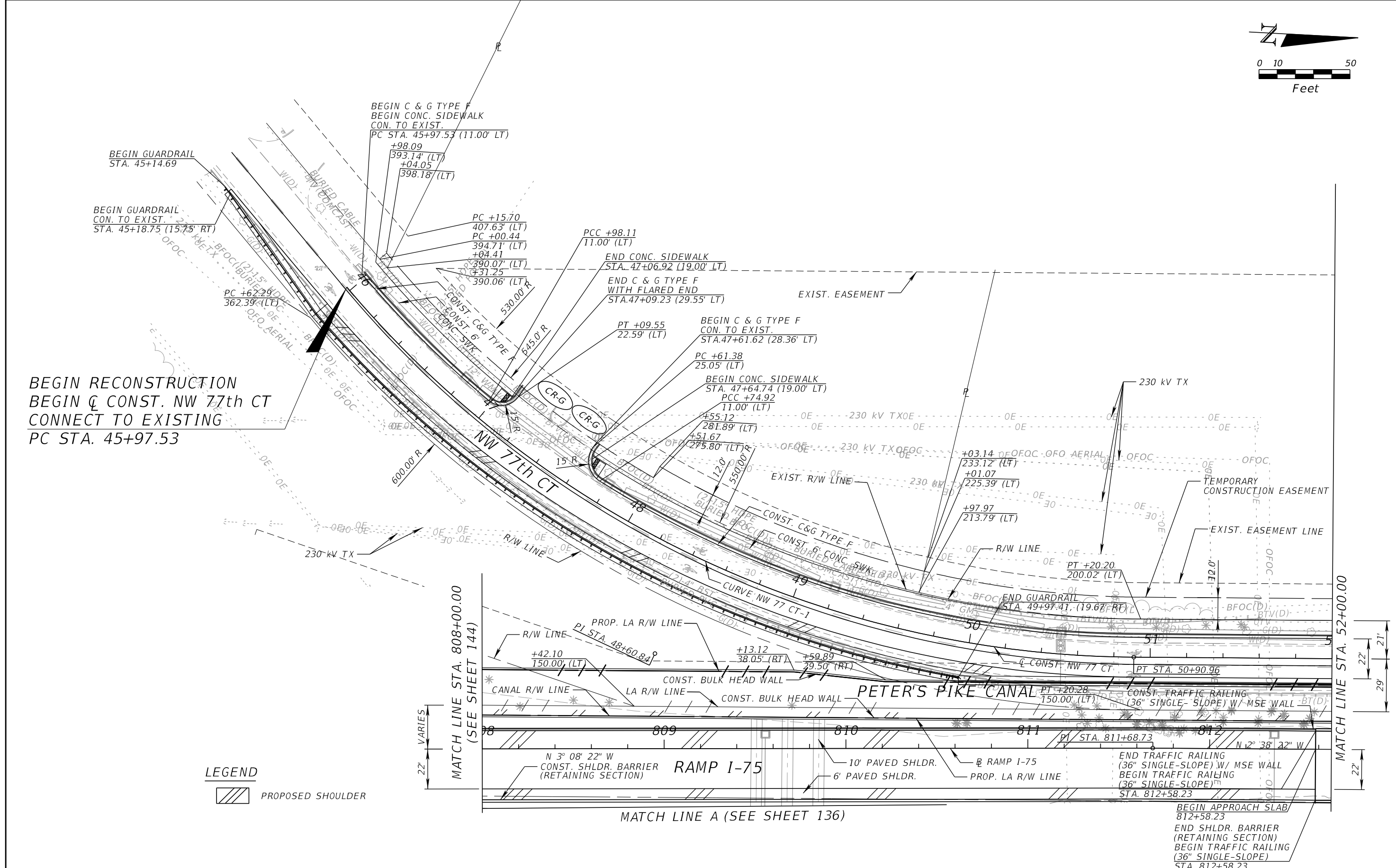




BEGIN RECONSTRUCTION
 BEGIN CONST. NW 77th CT
 CONNECT TO EXISTING
 PC STA. 45+97.53

LEGEND

PROPOSED SHOULDER



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

EDWIN F. MOJENA, M.S., P.E.
 P.E. LICENSE NUMBER 62002
 H. W. LOCHNER, INC.
 CONSULTING ENGINEERS AND PLANNERS
 8750 NW 36th STREET - SUITE 360
 MIAMI, FLORIDA - 33178
 CERTIFICATE OF AUTHORIZATION 00000894

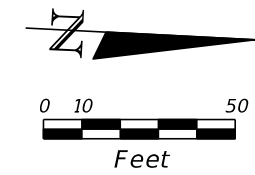
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

ROADWAY PLAN

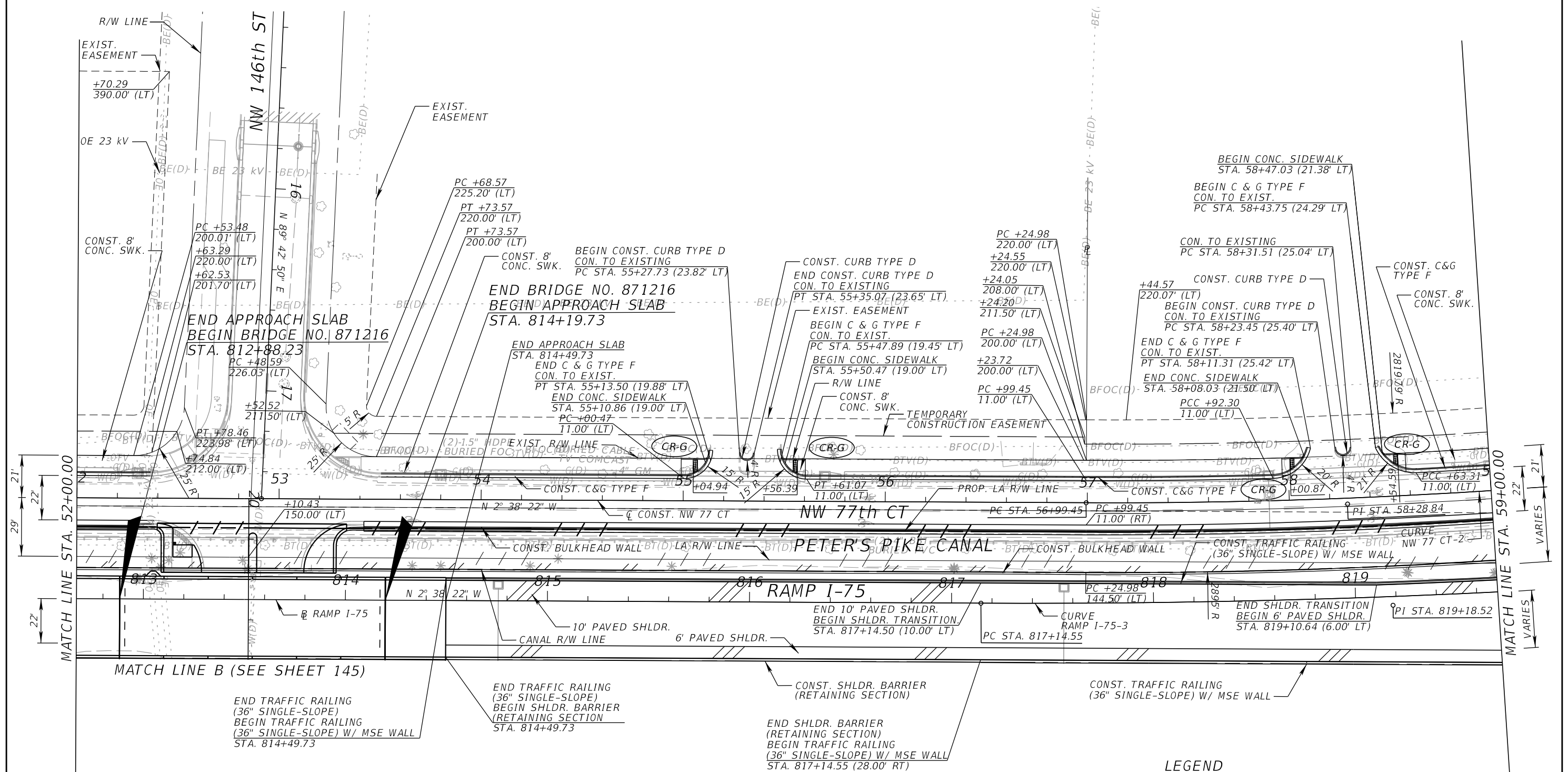
SHEET
NO.

162

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



NOTE:
SEE SHEET 177
FOR NW 146th ST UNDERPASS

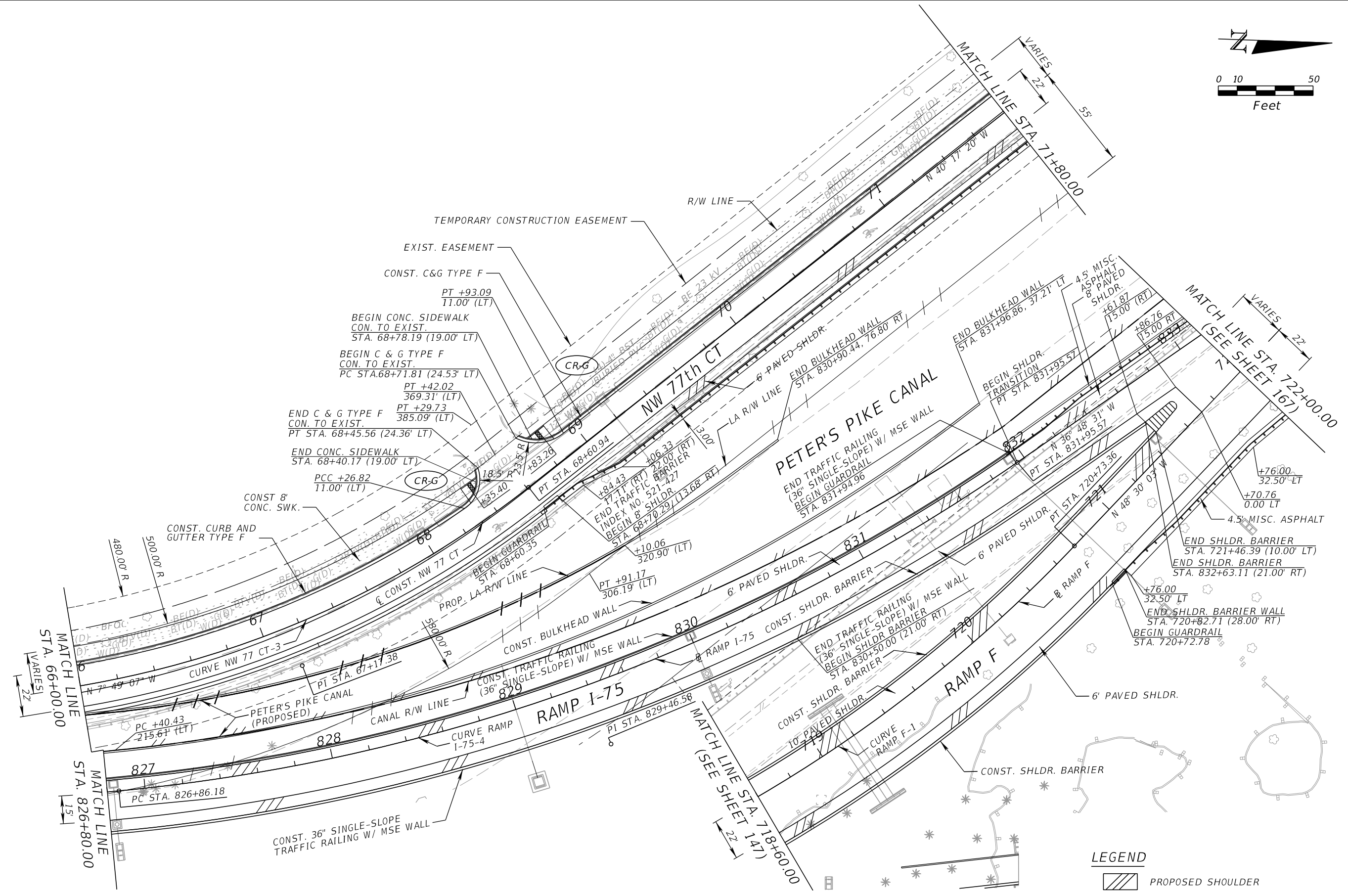
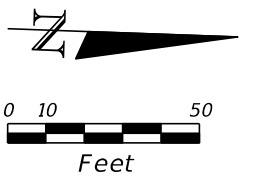


LEGEND
 PROPOSED SHOULDER

REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 163
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 826	MIAMI-DADE	435760-1-52-01	

ROADWAY PLAN

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



LEGEND
 PROPOSED SHOULDER

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

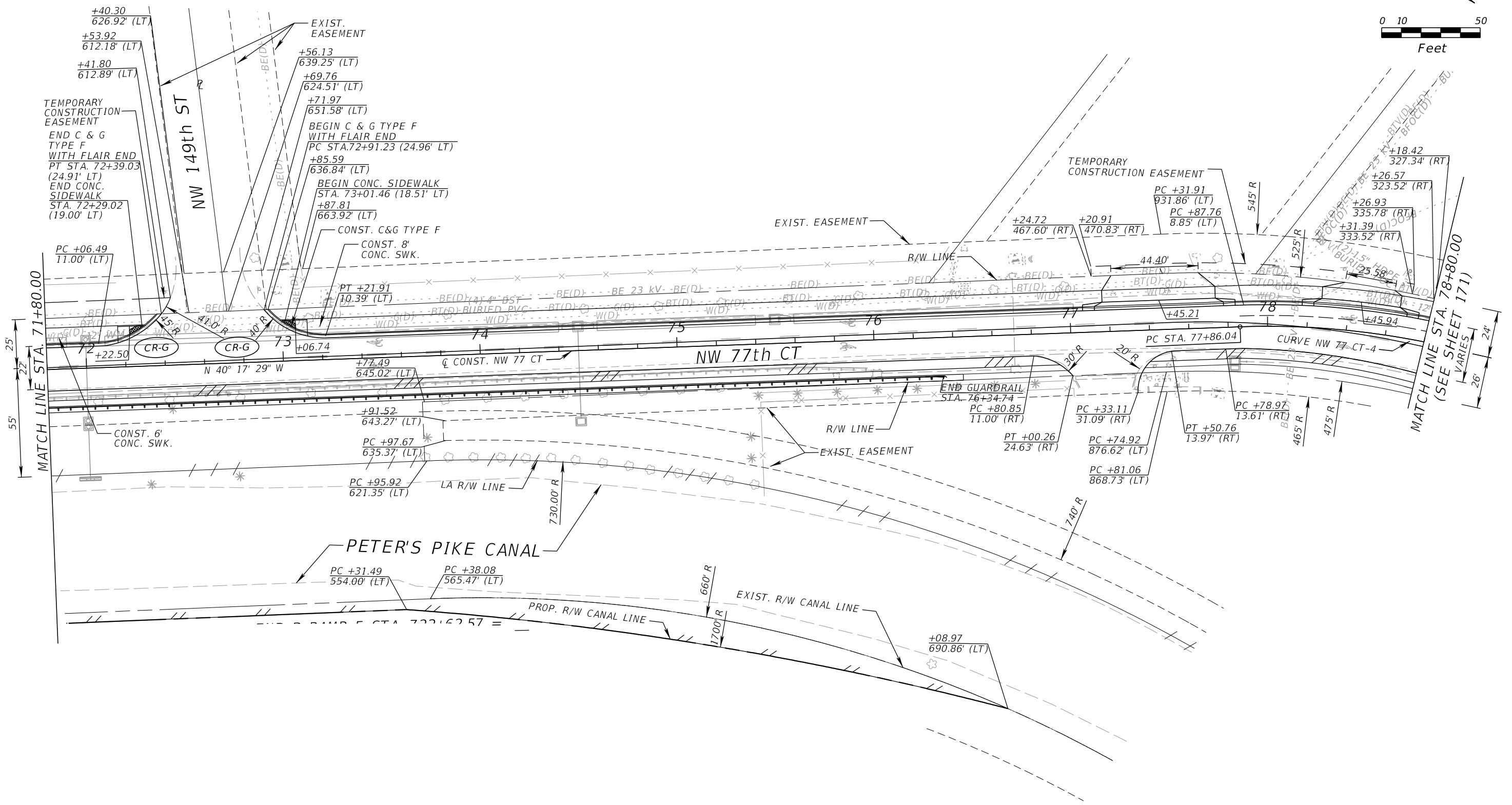
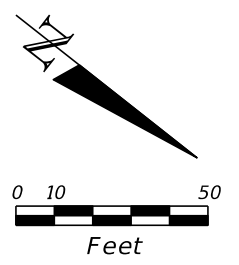
EDWIN F. MOJENA, M.S., P.E.
 P.E. LICENSE NUMBER 62002
 H. W. LOCHNER, INC.
 CONSULTING ENGINEERS AND PLANNERS
 8750 NW 36th STREET - SUITE 360
 MIAMI, FLORIDA - 33178
 CERTIFICATE OF AUTHORIZATION 00000894

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

ROADWAY PLAN

SHEET NO.
165

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



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

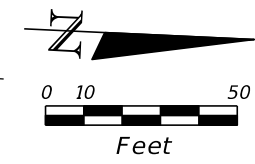
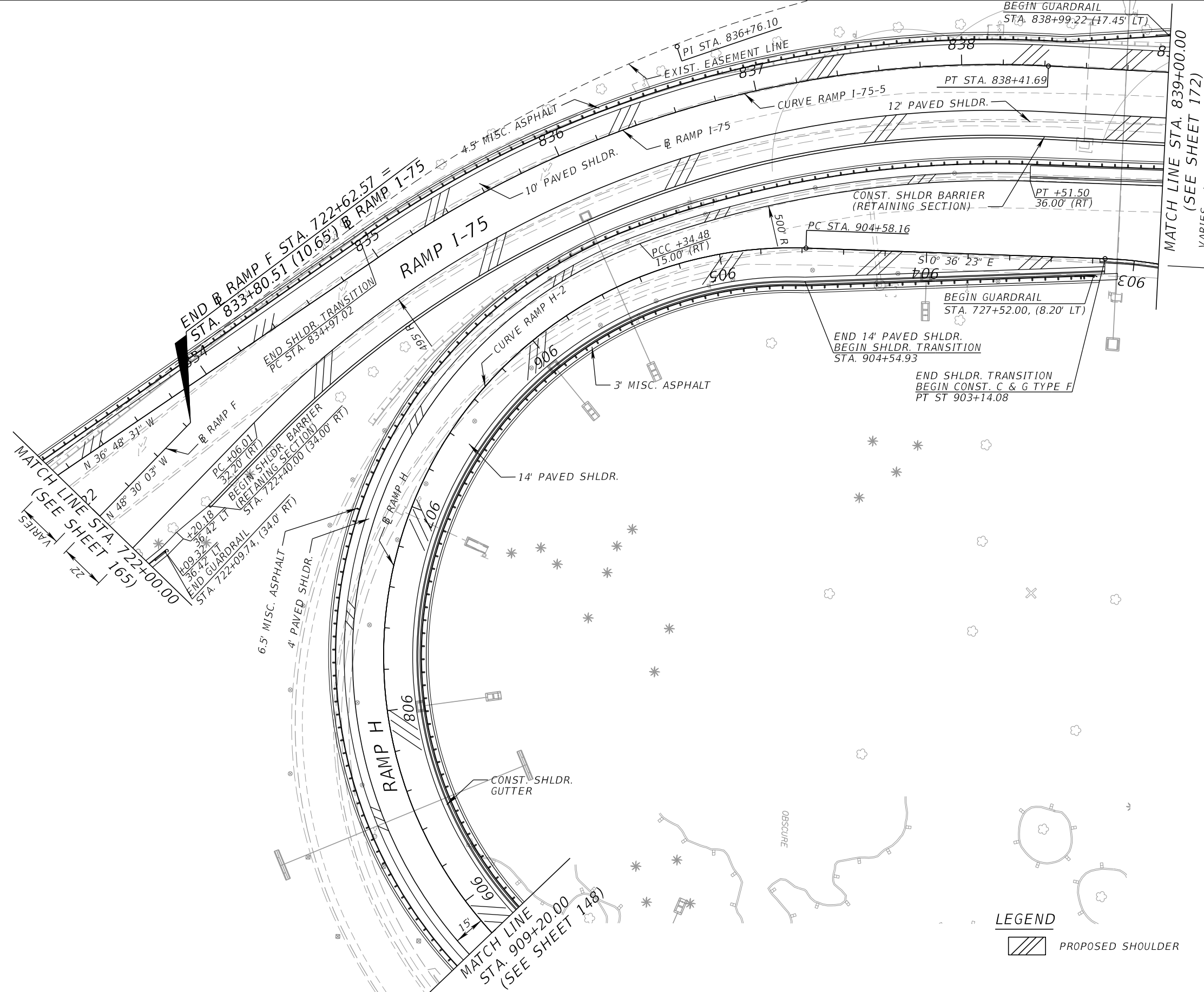
EDWIN F. MOJENA, M.S., P.E.
 P.E. LICENSE NUMBER 62002
 H. W. LOCHNER, INC.
 CONSULTING ENGINEERS AND PLANNERS
 8750 NW 36th STREET - SUITE 360
 MIAMI, FLORIDA - 33178
 CERTIFICATE OF AUTHORIZATION 00000894

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

ROADWAY PLAN

SHEET NO.
166

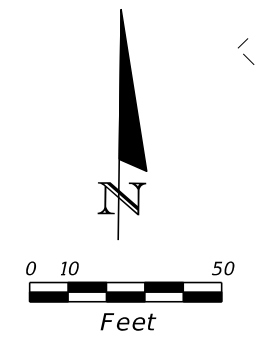
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



LEGEND
 PROPOSED SHOULDER

REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN SHEET NO. 167
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 826	MIAMI-DADE	435760-1-52-01	

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



END CONST. CONC. SWK.
CON. TO EXIST.
STA. 85+35.00 (20.13' LT)

END CONST. C & G TYPE F
CON. TO EXIST.
STA. 85+35.00 (11.04' LT)

**END RECONSTRUCTION
BEGIN MILLING & RESURFACING
STA. 85+35.00 @ CONST. NW 77 CT**

CONST. CONC. SWK.

PT +02.55
11.00' (LT)

PT +08.47
24.97' (LT)

PT +31.53
33.00' (RT)

PT +33.38
190.00' (LT)

PT STA. 85+02.55

PI STA. 84+45.48

125.00' R

111' R

MATCH LINE NW 154th ST
(SEE SHEET 171)

END CONST. C & G TYPE F
CON. TO EXIST.
STA. 21+33.71 (179.97' LT)

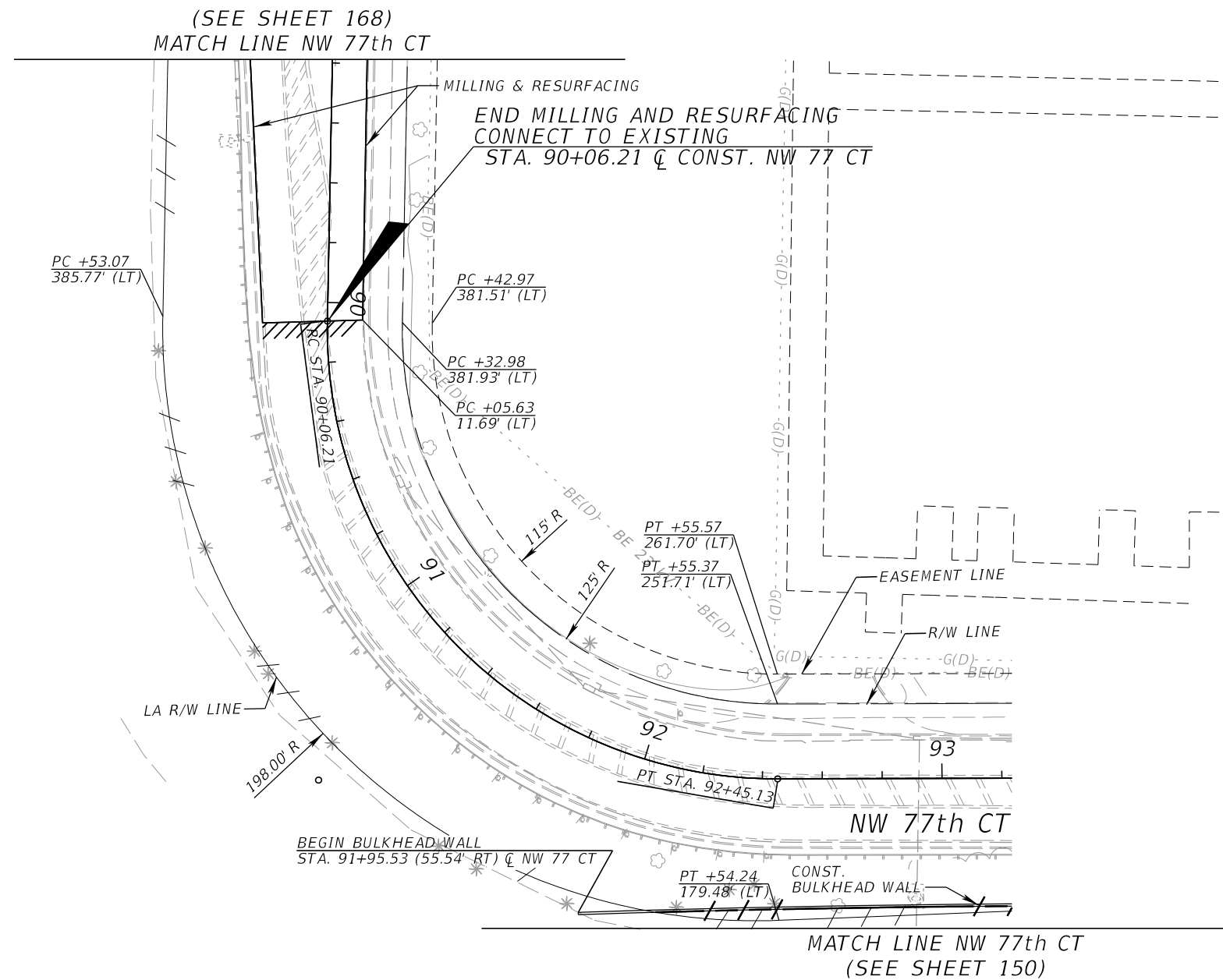
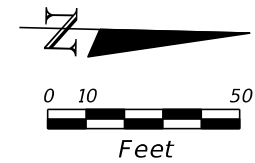
NW 77th CT

MILLING & RESURFACING

MATCH LINE NW 77th CT
(SEE SHEET 169)

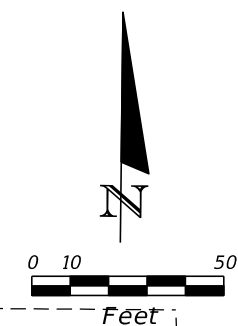
REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 826	MIAMI-DADE	435760-1-52-01		168

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



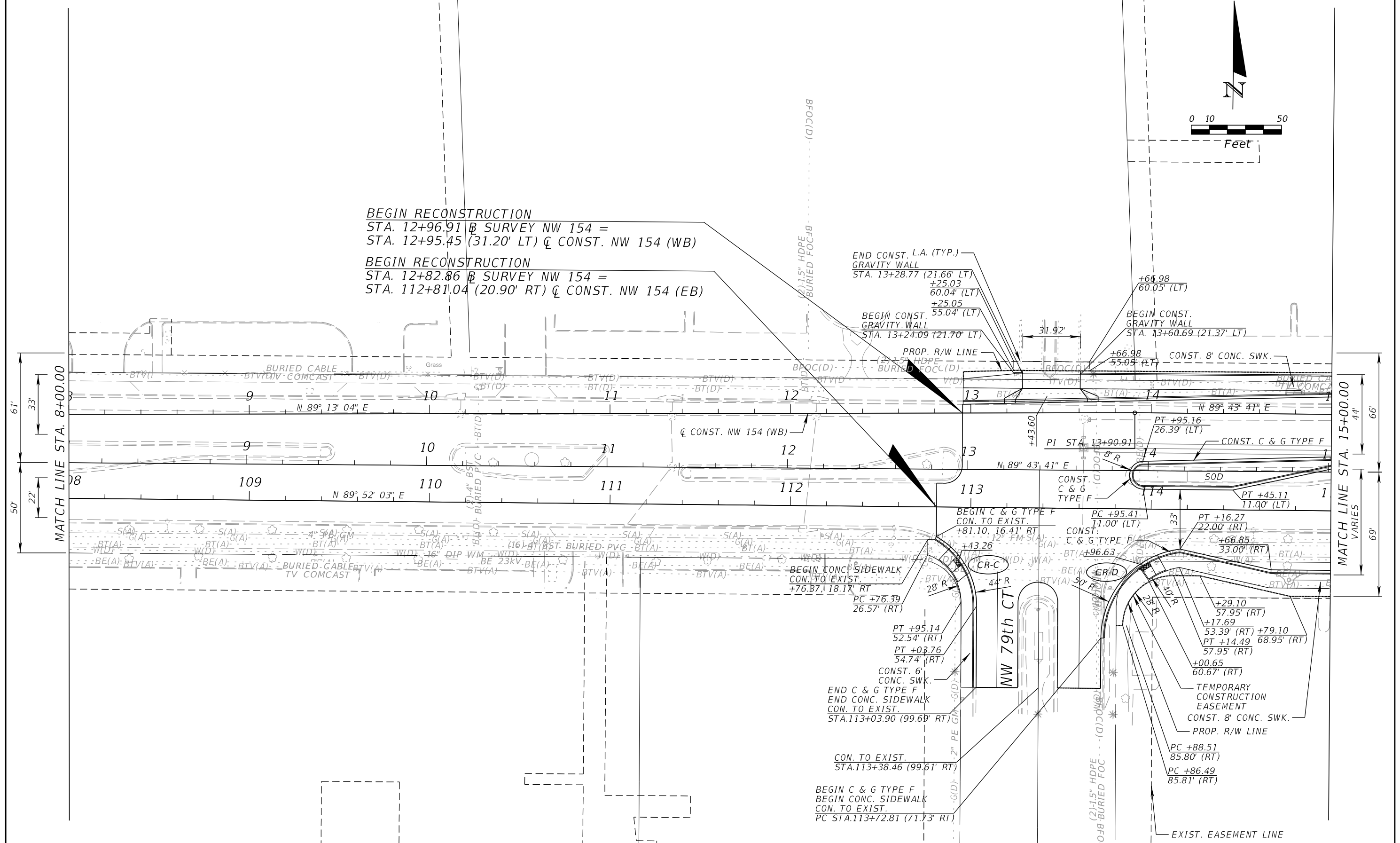
REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 826	MIAMI-DADE		435760-1-52-01

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



BEGIN RECONSTRUCTION
 STA. 12+96.91 @ SURVEY NW 154 =
 STA. 12+95.45 (31.20' LT) @ CONST. NW 154 (WB)

BEGIN RECONSTRUCTION
 STA. 12+82.86 @ SURVEY NW 154 =
 STA. 112+81.04 (20.90' RT) @ CONST. NW 154 (EB)



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

EDWIN F. MOJENA, M.S., P.E.
 P.E. LICENSE NUMBER 62002
 H. W. LOCHNER, INC.
 CONSULTING ENGINEERS AND PLANNERS
 8750 NW 36th STREET - SUITE 360
 MIAMI, FLORIDA - 33178
 CERTIFICATE OF AUTHORIZATION 00000894

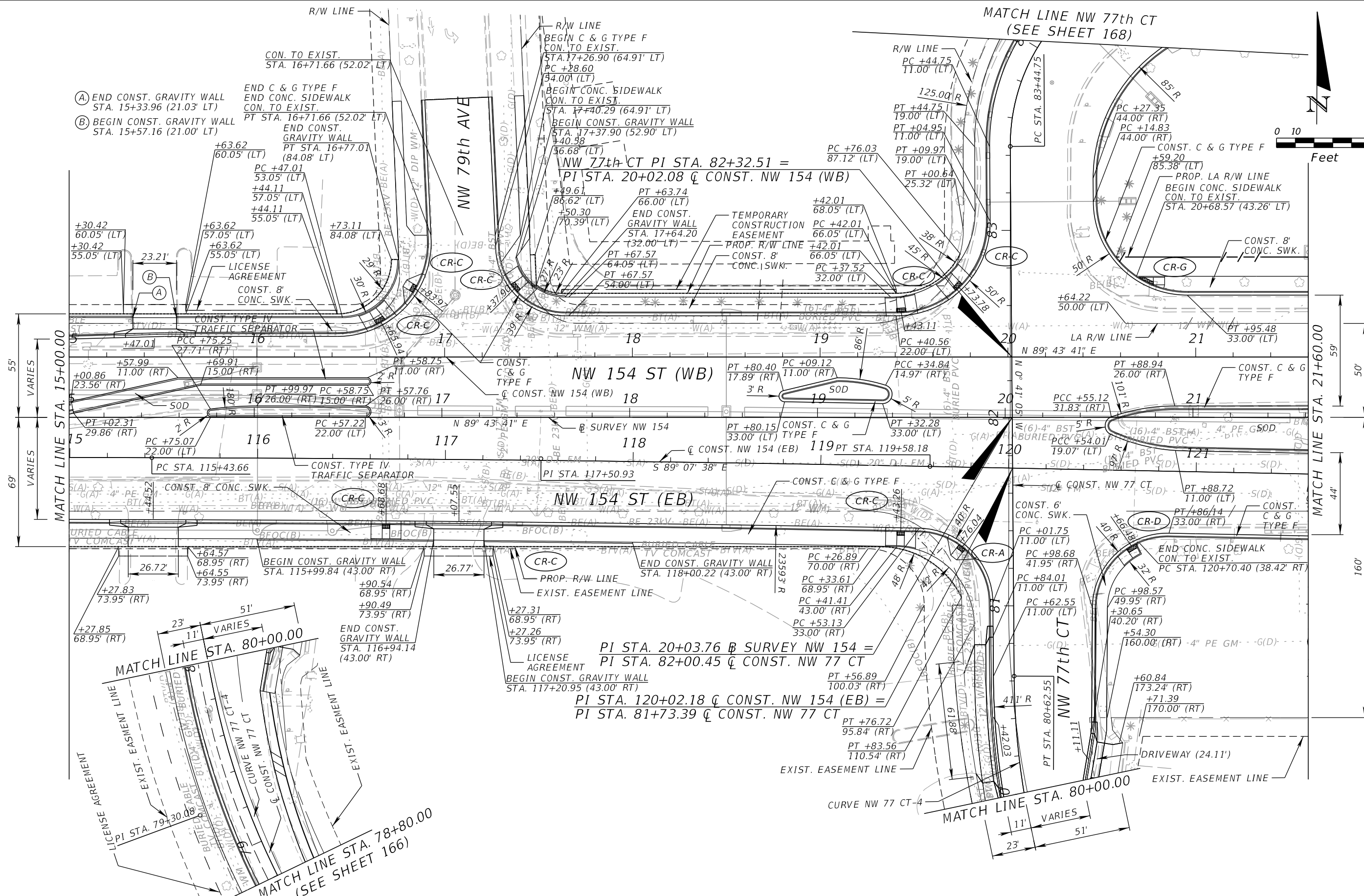
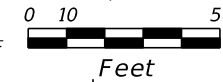
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

ROADWAY PLAN

SHEET NO.
170

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

MATCH LINE NW 77th CT
(SEE SHEET 168)



- (A) END CONST. GRAVITY WALL STA. 15+33.96 (21.03' LT)
- (B) BEGIN CONST. GRAVITY WALL STA. 15+57.16 (21.00' LT)

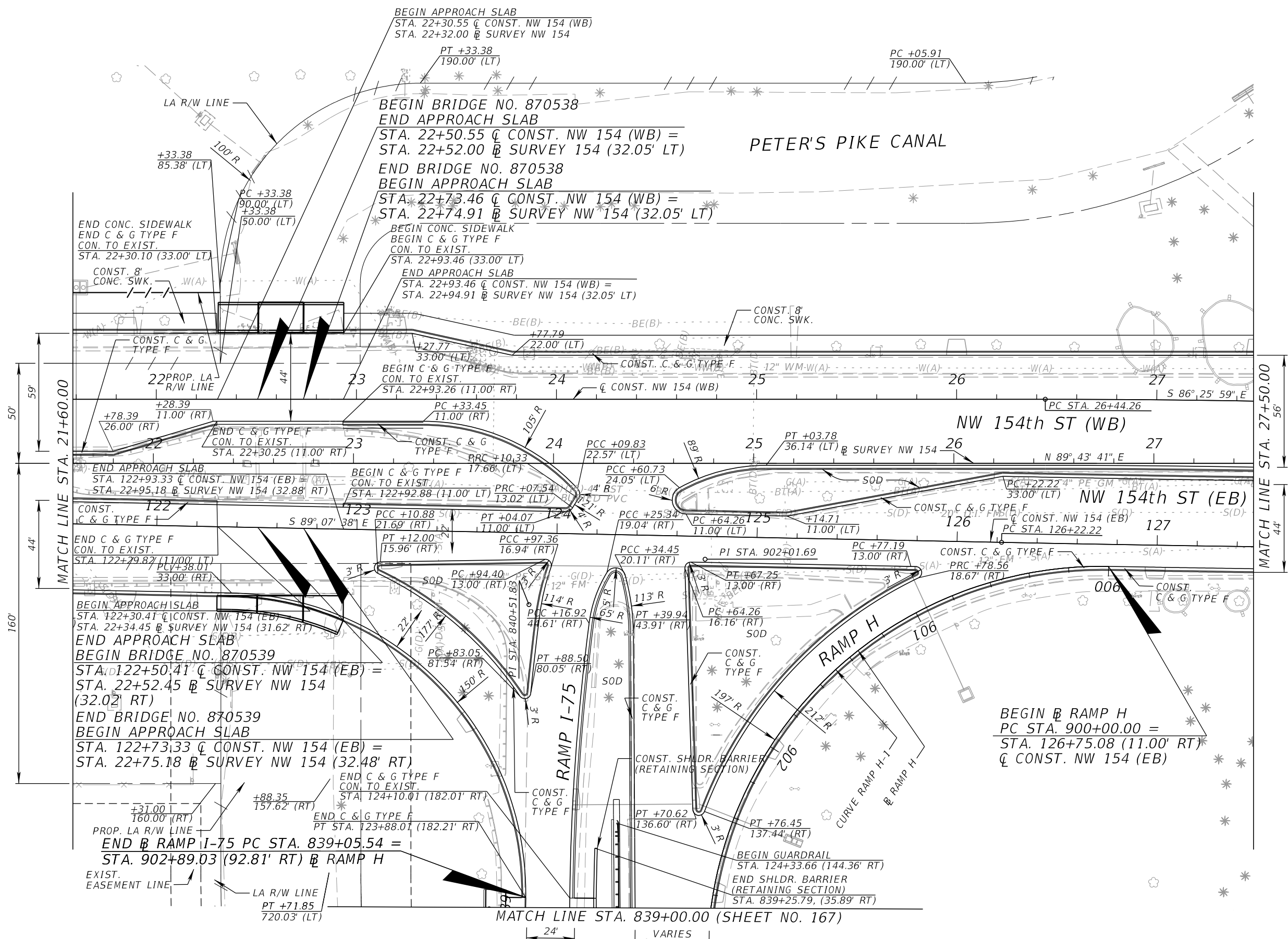
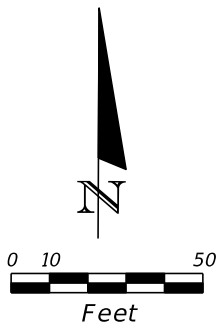
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

EDWIN F. MOJENA, M.S., P.E.
P.E. LICENSE NUMBER 62002
H. W. LOCHNER, INC.
CONSULTING ENGINEERS AND PLANNERS
8750 NW 36th STREET - SUITE 360
MIAMI, FLORIDA - 33178
CERTIFICATE OF AUTHORIZATION 00000894

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

ROADWAY PLAN	SHEET NO. 171
---------------------	-------------------------

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



MATCH LINE STA. 21+60.00

MATCH LINE STA. 27+50.00

MATCH LINE STA. 839+00.00 (SHEET NO. 167)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

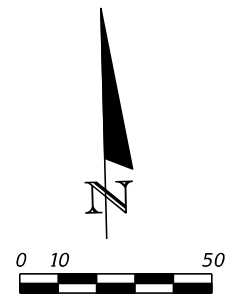
EDWIN F. MOJENA, M.S., P.E.
 P.E. LICENSE NUMBER 62002
 H. W. LOCHNER, INC.
 CONSULTING ENGINEERS AND PLANNERS
 8750 NW 36th STREET - SUITE 360
 MIAMI, FLORIDA - 33178
 CERTIFICATE OF AUTHORIZATION 00000894

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

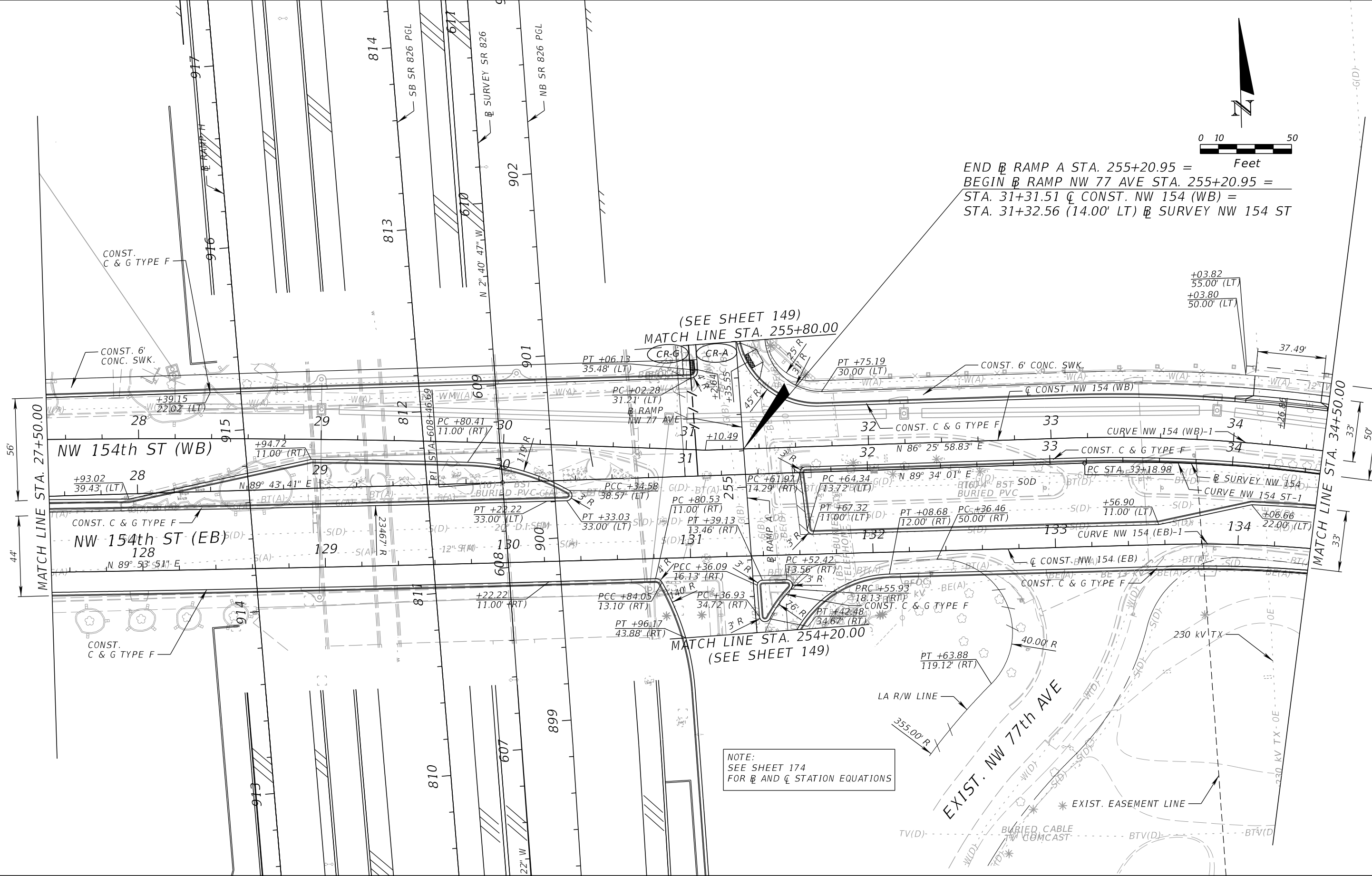
ROADWAY PLAN

SHEET NO.
172

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



END \mathbb{B} RAMP A STA. 255+20.95 = Feet
 BEGIN \mathbb{B} RAMP NW 77 AVE STA. 255+20.95 =
 STA. 31+31.51 \mathbb{C} CONST. NW 154 (WB) =
 STA. 31+32.56 (14.00' LT) \mathbb{B} SURVEY NW 154 ST



(SEE SHEET 149)
 MATCH LINE STA. 255+80.00

MATCH LINE STA. 254+20.00
 (SEE SHEET 149)

NOTE:
 SEE SHEET 174
 FOR \mathbb{B} AND \mathbb{C} STATION EQUATIONS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

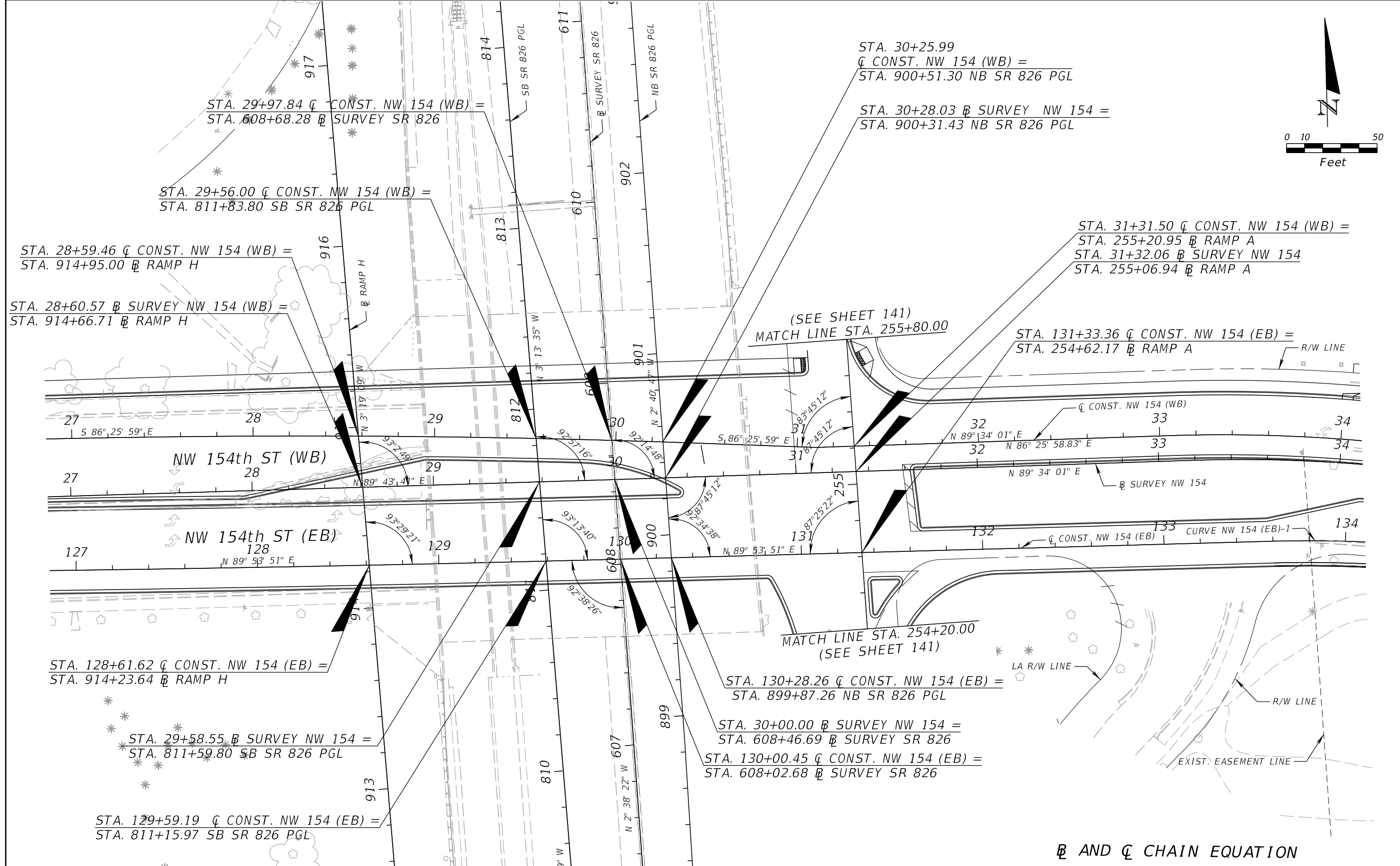
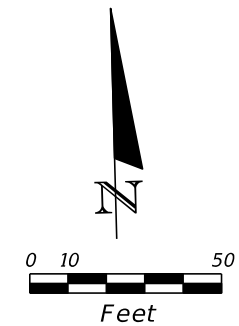
EDWIN F. MOJENA, M.S., P.E.
 P.E. LICENSE NUMBER 62002
 H. W. LOCHNER, INC.
 CONSULTING ENGINEERS AND PLANNERS
 8750 NW 36th STREET - SUITE 360
 MIAMI, FLORIDA - 33178
 CERTIFICATE OF AUTHORIZATION 00000894

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

ROADWAY PLAN

SHEET NO.
 173

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



⊂ AND ⊆ CHAIN EQUATION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

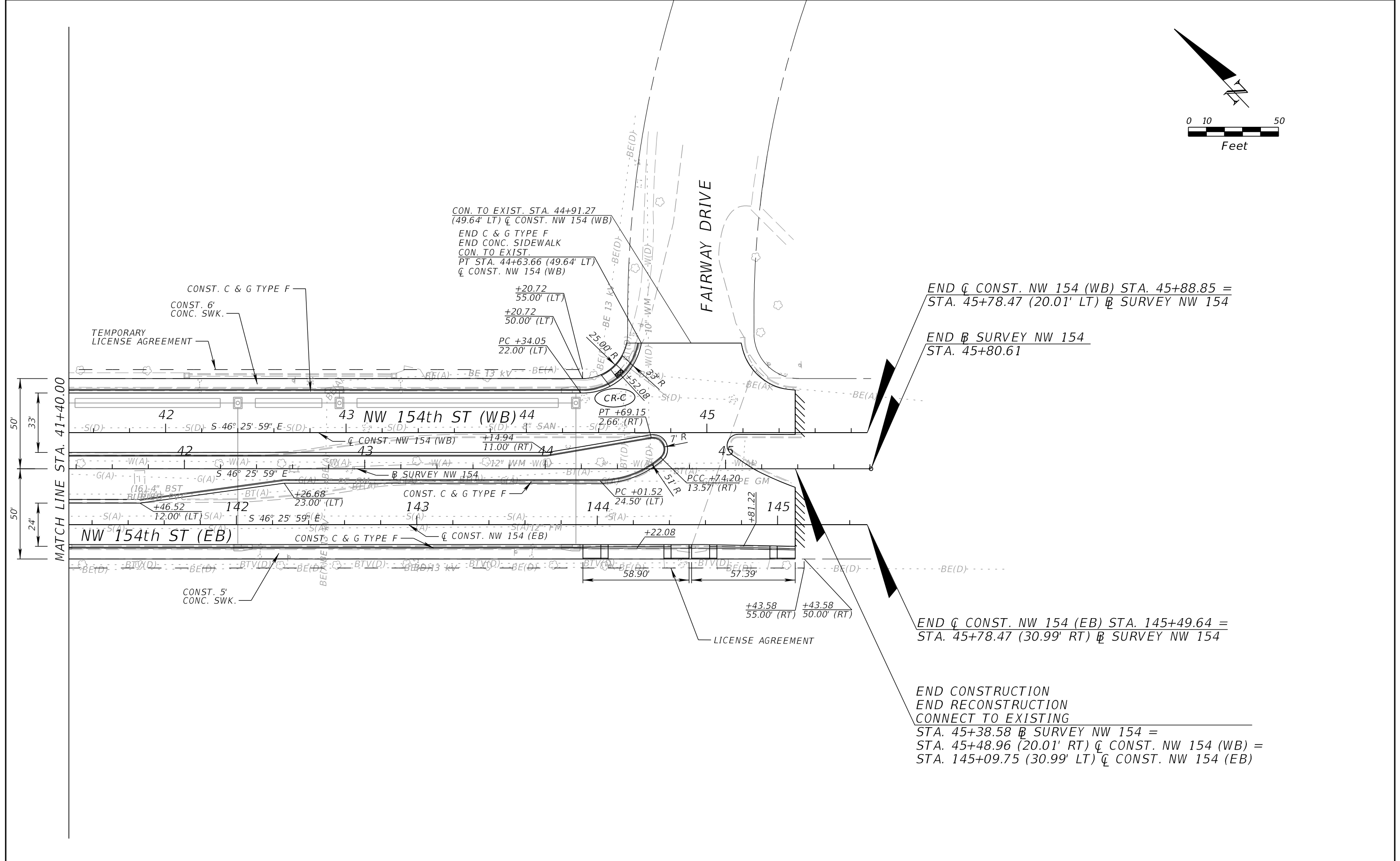
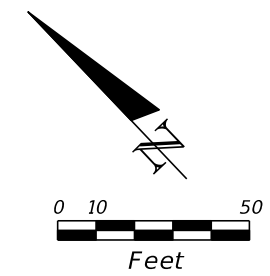
EDWIN F. MOJENA, M.S., P.E.
 P.E. LICENSE NUMBER 62002
 H. W. LOCHNER, INC.
 CONSULTING ENGINEERS AND PLANNERS
 8750 NW 36th STREET - SUITE 360
 MIAMI, FLORIDA - 33178
 CERTIFICATE OF AUTHORIZATION 00000894

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

ROADWAY PLAN

SHEET NO.
174

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



END ϕ CONST. NW 154 (WB) STA. 45+88.85 =
STA. 45+78.47 (20.01' LT) ϕ SURVEY NW 154

END ϕ SURVEY NW 154
STA. 45+80.61

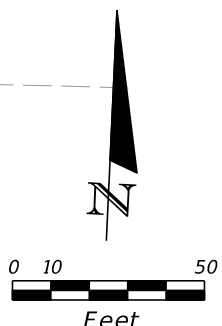
END ϕ CONST. NW 154 (EB) STA. 145+49.64 =
STA. 45+78.47 (30.99' RT) ϕ SURVEY NW 154

END CONSTRUCTION
END RECONSTRUCTION
CONNECT TO EXISTING
STA. 45+38.58 ϕ SURVEY NW 154 =
STA. 45+48.96 (20.01' RT) ϕ CONST. NW 154 (WB) =
STA. 145+09.75 (30.99' LT) ϕ CONST. NW 154 (EB)

REVISIONS				EDWIN F. MOJENA, M.S., P.E. P.E. LICENSE NUMBER 62002 H. W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 8750 NW 36th STREET - SUITE 360 MIAMI, FLORIDA - 33178 CERTIFICATE OF AUTHORIZATION 00000894	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. 176
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 826	MIAMI-DADE	435760-1-52-01		

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

NOTE:
SEE SHEET 163
FOR NW 77th CT



BEGIN \bar{C} CONST. NW 146 ST (W)
STA. 15+00.00
N = 572114.58
E = 877740.33

BEGIN RECONSTRUCTION
CONNECT TO EXISTING
STA. 15+67.00 \bar{C} CONST. NW 146th ST

BEGIN APPROACH SLAB
STA. 17+45.63 \bar{C} CONST. NW 146th ST (W)

BEGIN CONST. C & G TYPE F
CON. TO EXIST.
STA. 15+77.36, (17.04' LT)

16 NW 146th ST 17
N 89° 42' 50" E

BEGIN CONST. C & G TYPE F
CON. TO EXIST.
STA. 15+77.36, (17.00' RT)

END APPROACH SLAB
BEGIN BRIDGE NO. 876742
STA. 20+12.25 \bar{C} CONST. NW 146th ST

END BRIDGE NO. 876742
BEGIN APPROACH SLAB
STA. 20+36.75 \bar{C} CONST. 146th ST

END CONC. BARRIER
W/ JUNCTION SLAB
BEGIN CONST. SHLDR
GUTTER BARRIER WALL
STA. 52+30.11, (7.00' RT)

PROP. LA R/W LINE
 \bar{C} CONST. I-75

BEGIN CONST. SHLDR.
GUTTER BARRIER WALL
END CONST. BARRIER
W/ JUNCTION SLAB.
STA. 53+44.11, (7.00' RT)
PC +38.11
7.00' (RT)

BEGIN CONST. CONC.
BARRIER/ WALL COPING
BEGIN CONST. SHLDR.
GUTTER BARRIER WALL
STA. 53+35.60, (10.37' RT)
PT +19.00
4.00' (LT)

PT +13.11
32.00' (RT)

CONST. 4' TRAFFIC
SEPARATOR TYPE 1
(OPTION 2)

END APPROACH SLAB
STA. 20+56.75
 \bar{C} CONST. NW 146 ST

BEGIN CONST. CONC. BARRIER/
RAISED SWK. WALL COPING
STA. 20+14.29, (45.30' RT)
PC +11.00
47.00' (RT)

LA R/W LINE
SB SR 826 PGL

SR 826/PALMETTO
EXWY. (SB)
787

SR 826/PALMETTO
EXWY. (NB)

RAMP A 231

RAMP A 230

NW 77th AVE

STA. 23+06.00 \bar{C} CONST. NW 146th ST =
STA. 175+34.14 \bar{C} CONST. NW 77th AVE

END CONST. CONC. SIDEWALK
END C & G TYPE F
END TRANSITION SHLDR.
GUTTER BARRIER WALL
PT STA. 228+28.32, (14.92' RT)

END CONST. SHLDR.
GUTTER BARRIER WALL
BEGIN TRANSITION SHLDR.
GUTTER BARRIER WALL
STA. 174+77.14, (11.00' LT)

NOTE:
PROPOSED SR 826 MAINLINE AND BRIDGE
SHOWN IN GRAY FOR CLARITY.

BEGIN CONST. SHLDR.
GUTTER BARRIER WALL
STA. 173+29.55, (11.00' LT)

NW 146th ST

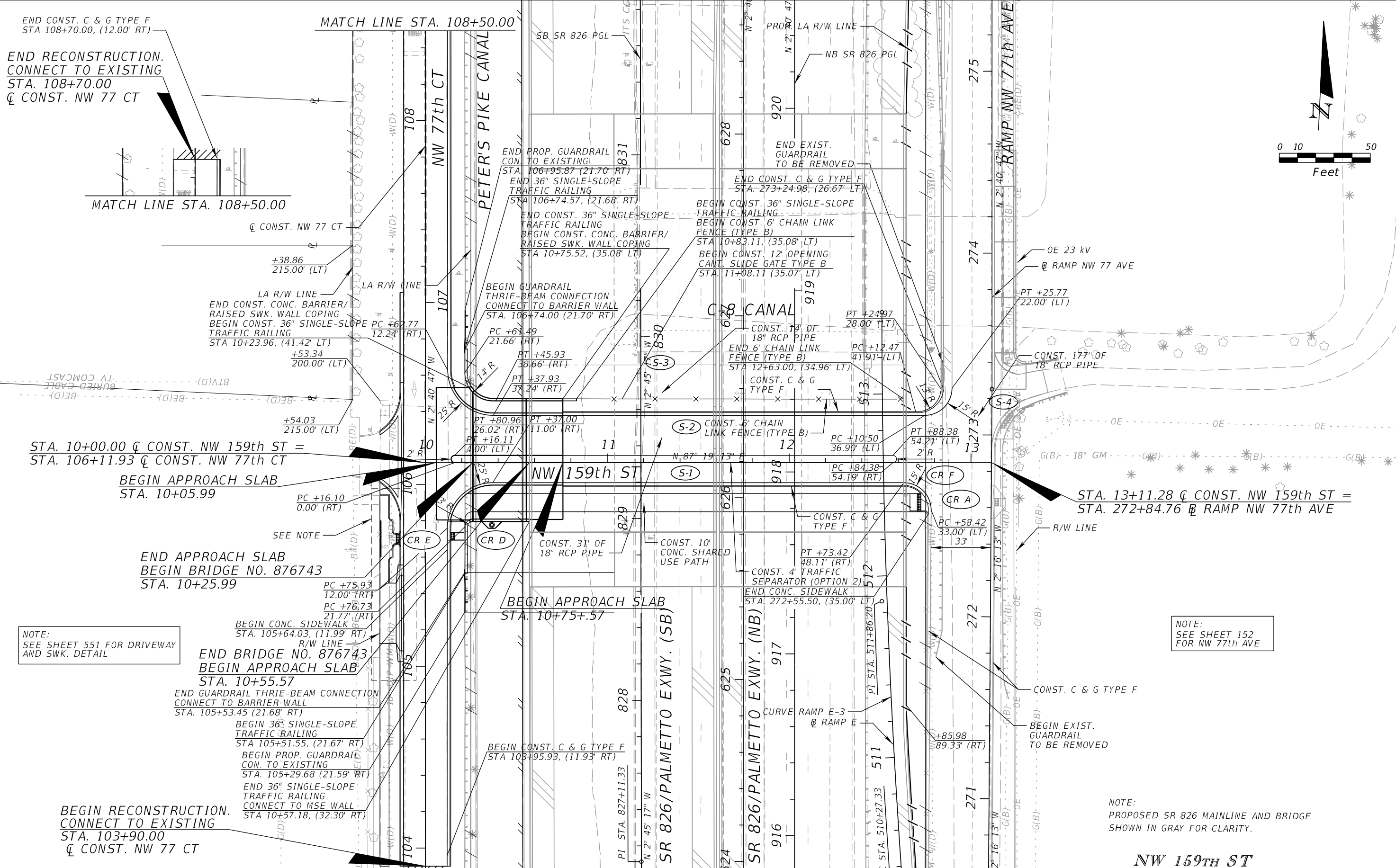
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

EDWIN F. MOJENA, M.S., P.E.
P.E. LICENSE NUMBER 62002
H. W. LOCHNER, INC.
CONSULTING ENGINEERS AND PLANNERS
8750 NW 36th STREET - SUITE 360
MIAMI, FLORIDA - 33178
CERTIFICATE OF AUTHORIZATION 00000894

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-02

ROADWAY PLAN		SHEET NO. 177
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NOTE:
SEE SHEET 551 FOR DRIVEWAY
AND SWK. DETAIL

NOTE:
SEE SHEET 152
FOR NW 77th AVE

NOTE:
PROPOSED SR 826 MAINLINE AND BRIDGE
SHOWN IN GRAY FOR CLARITY.

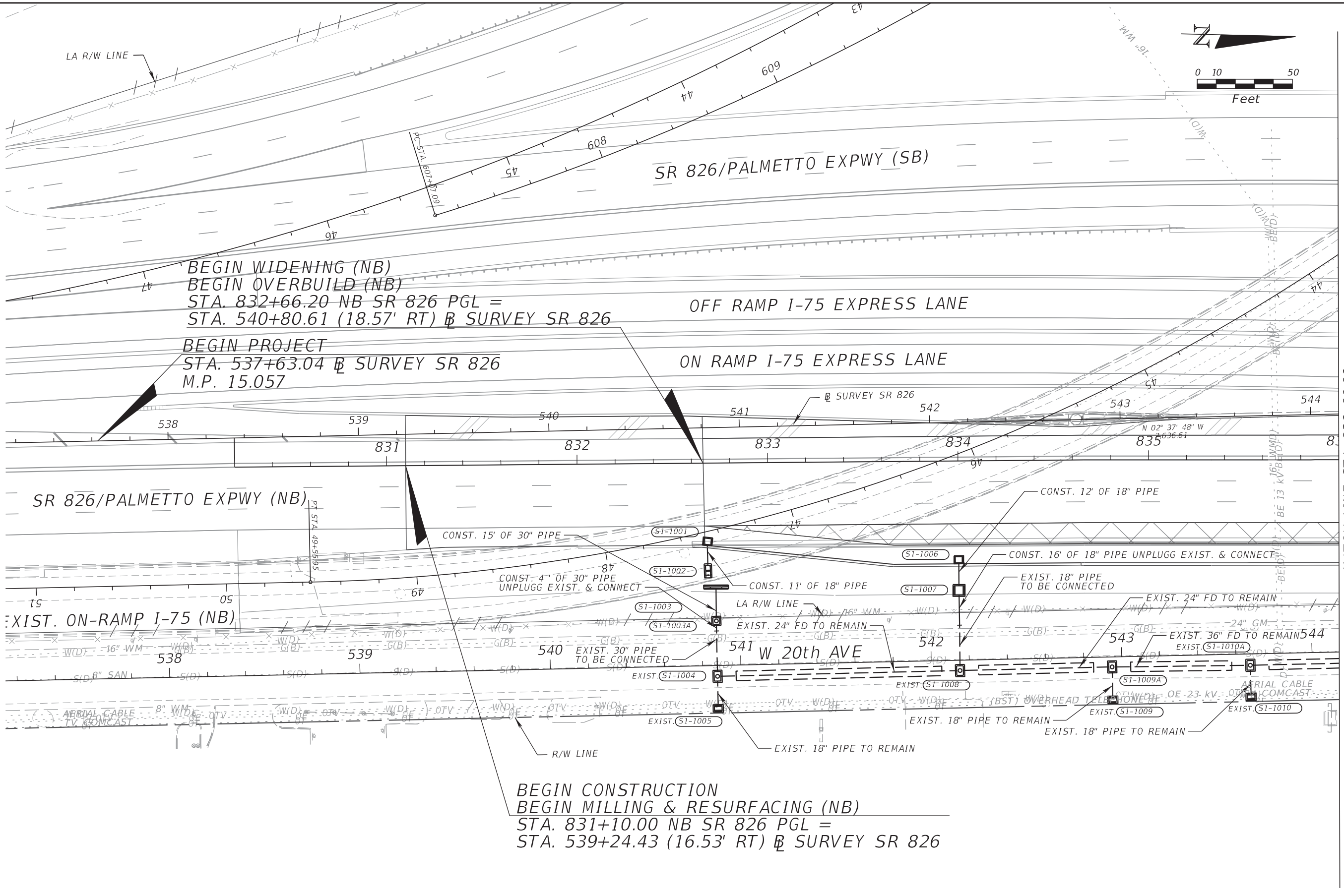
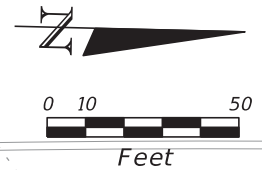
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

EDWIN F. MOJENA, M.S., P.E.
P.E. LICENSE NUMBER 62002
H. W. LOCHNER, INC.
CONSULTING ENGINEERS AND PLANNERS
8750 NW 36th STREET - SUITE 360
MIAMI, FLORIDA - 33178
CERTIFICATE OF AUTHORIZATION 00000894

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-02

ROADWAY PLAN		SHEET NO. 178
---------------------	--	----------------------------

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



BEGIN WIDENING (NB)
 BEGIN OVERBUILD (NB)
 STA. 832+66.20 NB SR 826 PGL =
 STA. 540+80.61 (18.57' RT) @ SURVEY SR 826

OFF RAMP I-75 EXPRESS LANE

BEGIN PROJECT
 STA. 537+63.04 @ SURVEY SR 826
 M.P. 15.057

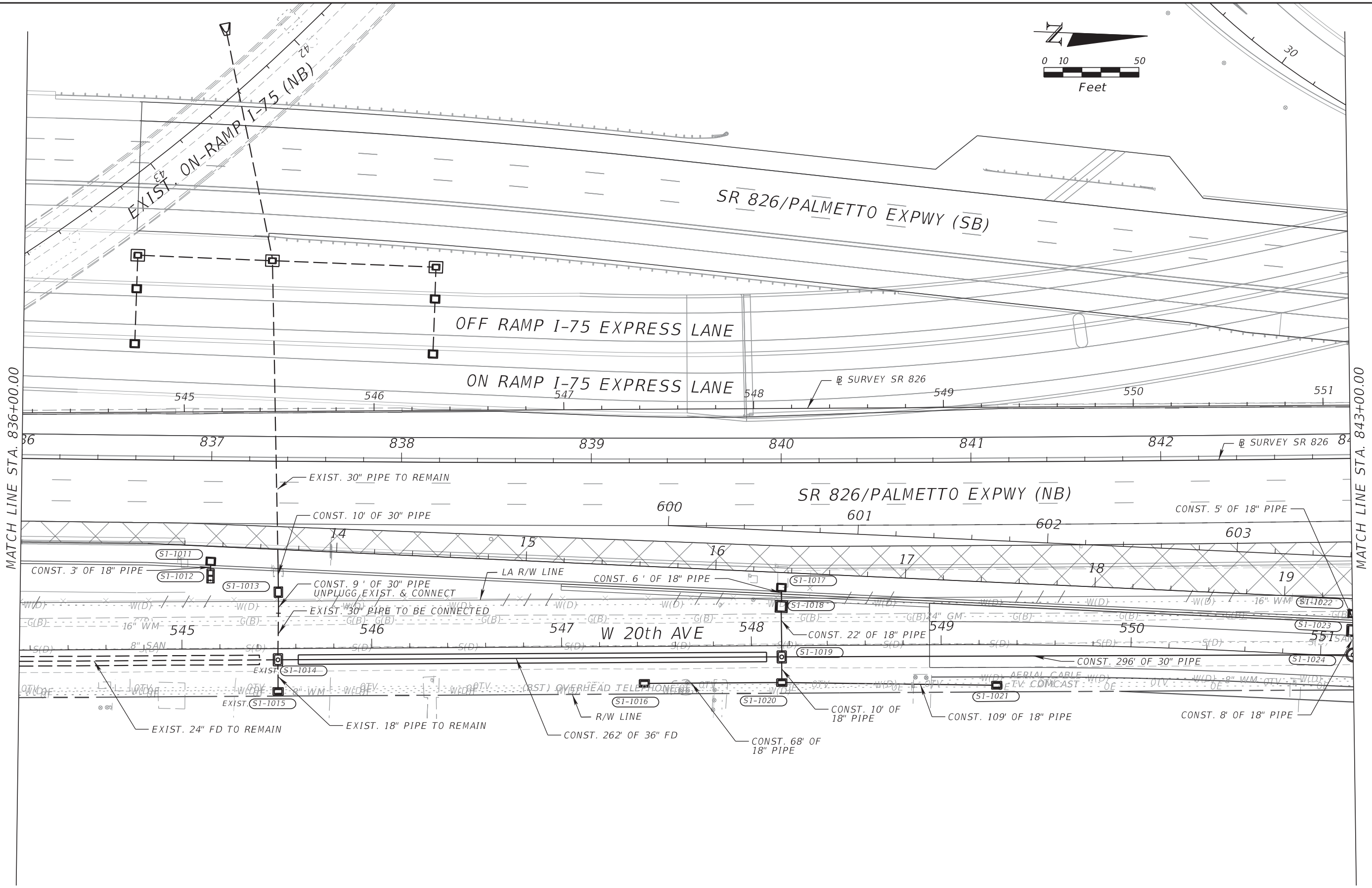
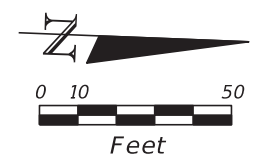
ON RAMP I-75 EXPRESS LANE

MATCH LINE STA. 836+00.00

BEGIN CONSTRUCTION
 BEGIN MILLING & RESURFACING (NB)
 STA. 831+10.00 NB SR 826 PGL =
 STA. 539+24.43 (16.53' RT) @ SURVEY SR 826

REVISIONS				RIBBECK ENGINEERING, INC. 14335 SW 120 STREET, SUITE 205 MIAMI, FLORIDA 33186 TEL. (305) 383-5909 FBPE C.A. NO. 27592	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 179
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				CARLOS F. RIBBECK, P.E. LICENSE NO. 50543	SR 826	MIAMI-DADE	435760-1-52-01	

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



MATCH LINE STA. 836+00.00

MATCH LINE STA. 843+00.00

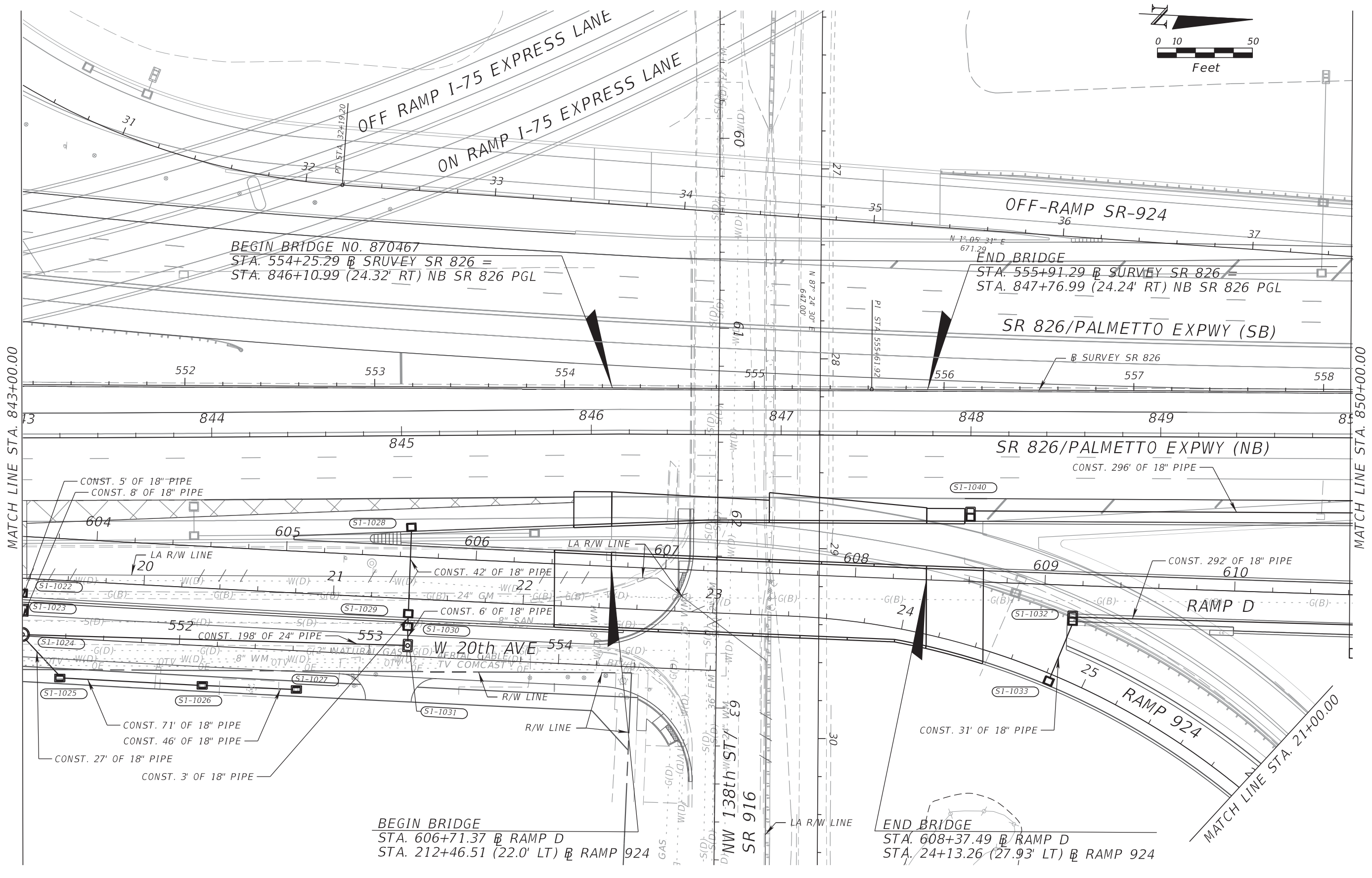
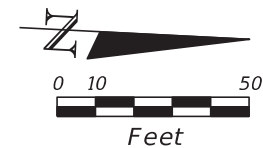
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

RIBBECK ENGINEERING, INC.
 14335 SW 120 STREET, SUITE 205
 MIAMI, FLORIDA 33186
 TEL. (305) 383-5909
 FBPE C.A. NO. 27592
 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

DRAINAGE PLAN

SHEET NO.
180



MATCH LINE STA. 843+00.00

MATCH LINE STA. 850+00.00

MATCH LINE STA. 21+00.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

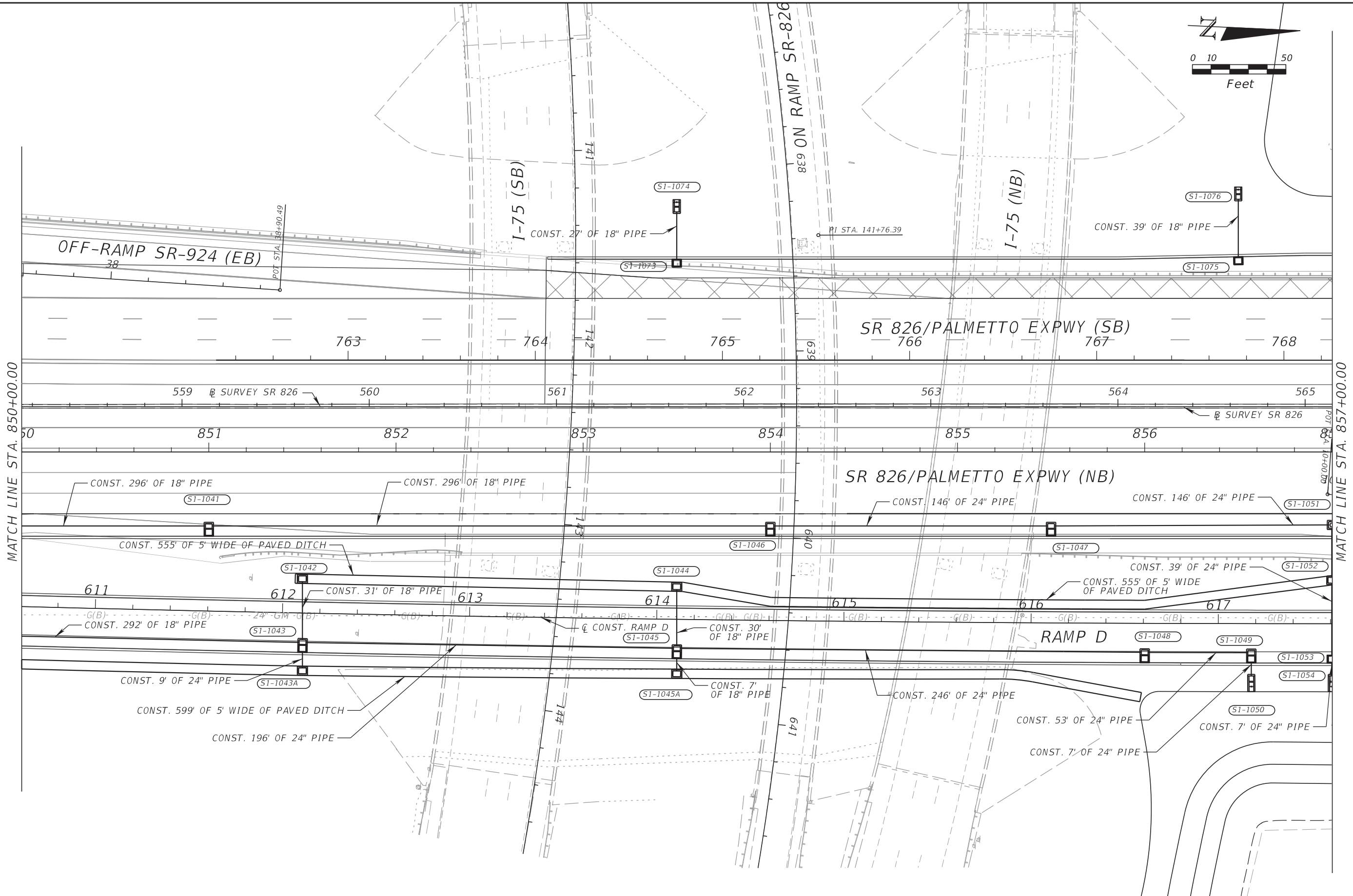
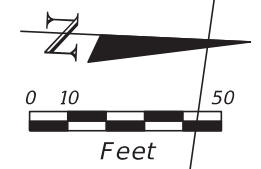
RIBBECK ENGINEERING, INC.
 14335 SW 120 STREET, SUITE 205
 MIAMI, FLORIDA 33186
 TEL. (305) 383-5909
 FBPE C.A. NO. 27592
 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

DRAINAGE PLAN

SHEET NO.
181

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



MATCH LINE STA. 850+00.00

MATCH LINE STA. 857+00.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

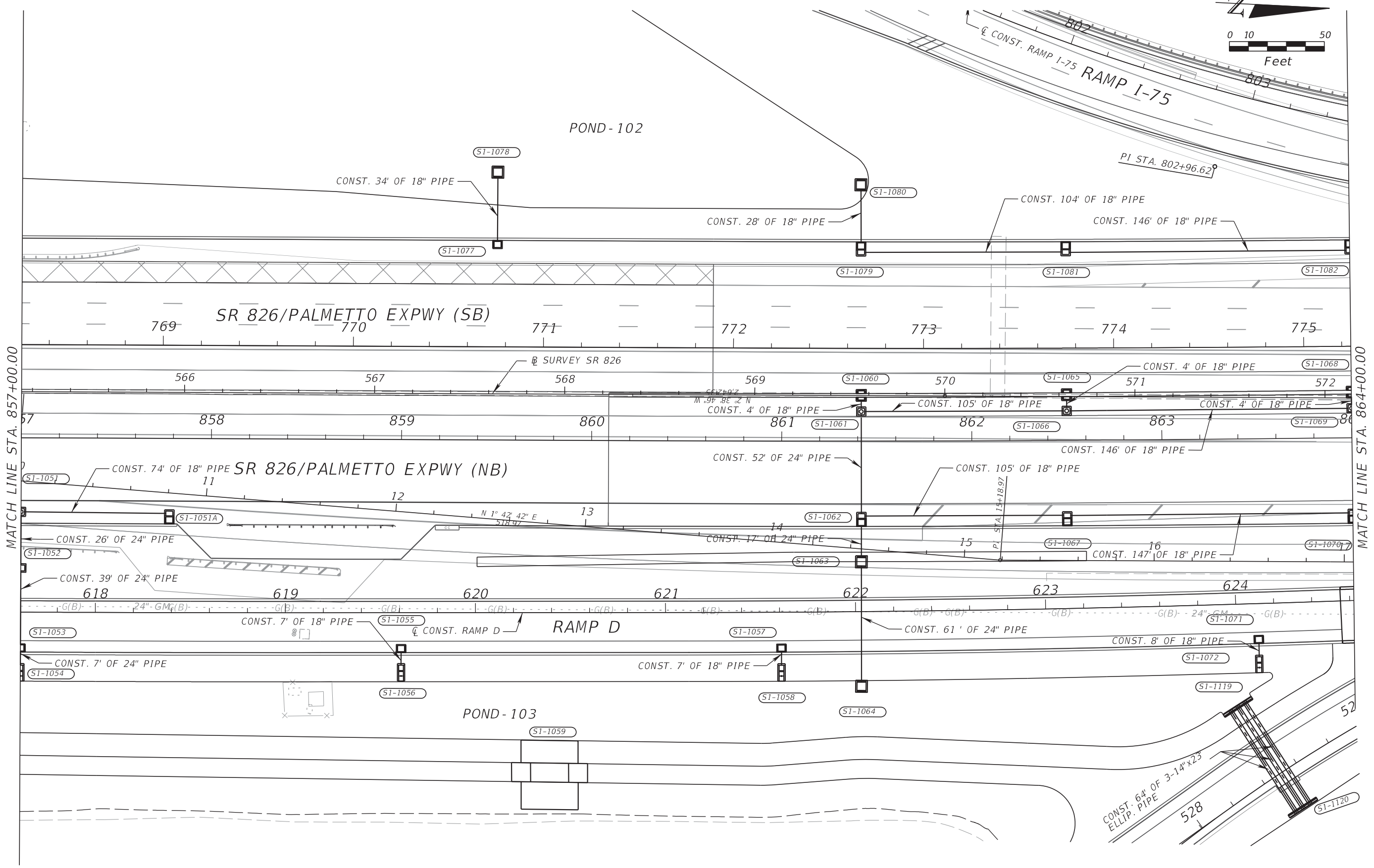
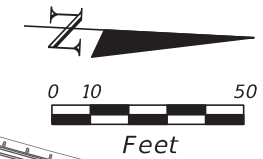
RIBBECK ENGINEERING, INC.
 14335 SW 120 STREET, SUITE 205
 MIAMI, FLORIDA 33186
 TEL. (305) 383-5909
 FBPE C.A. NO. 27592
 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

DRAINAGE PLAN

SHEET NO.
182

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



MATCH LINE STA. 857+00.00

MATCH LINE STA. 864+00.00

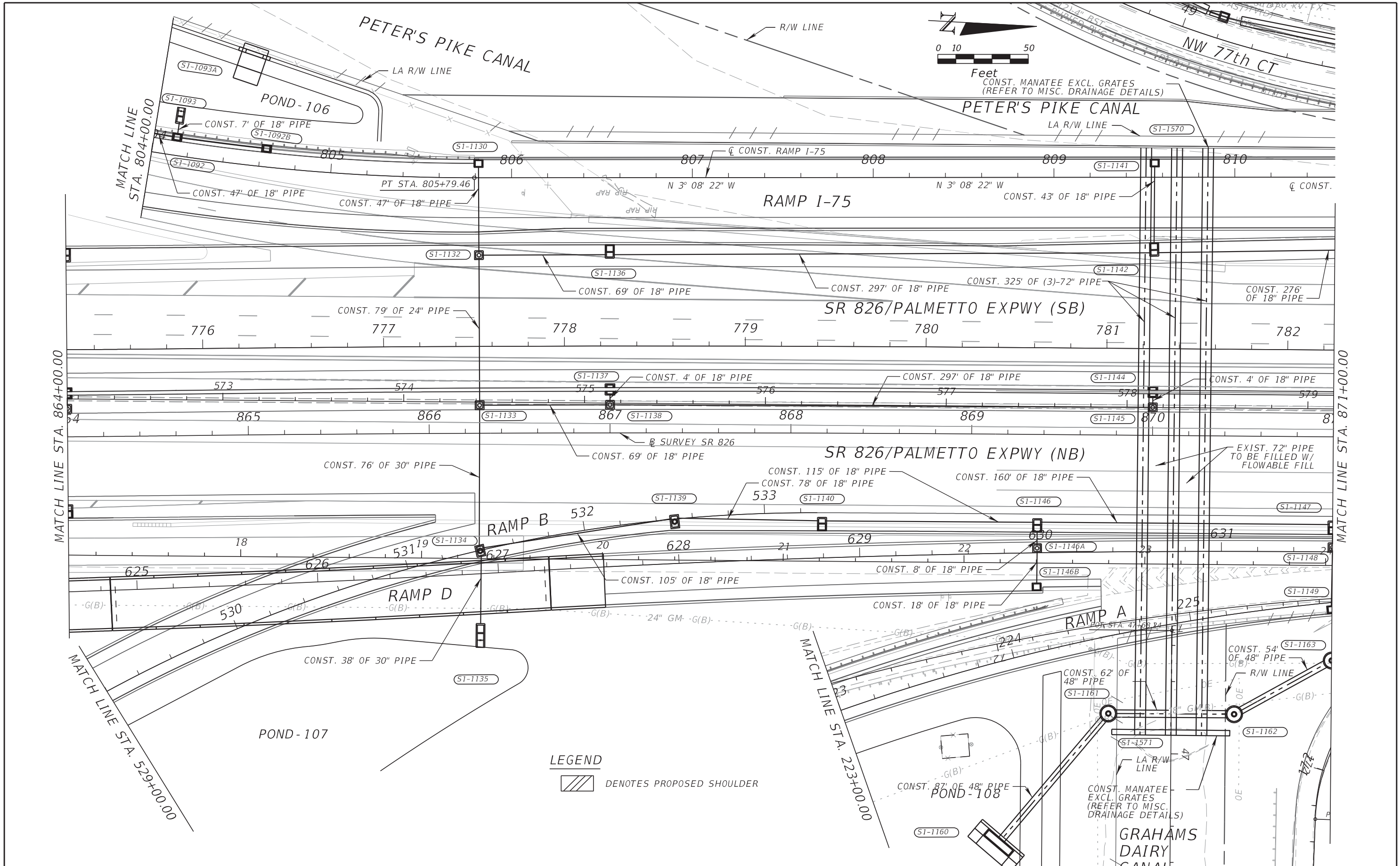
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

RIBBECK ENGINEERING, INC.
 14335 SW 120 STREET, SUITE 205
 MIAMI, FLORIDA 33186
 TEL. (305) 383-5909
 FBPE C.A. NO. 27592
 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

DRAINAGE PLAN

SHEET NO.
183



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

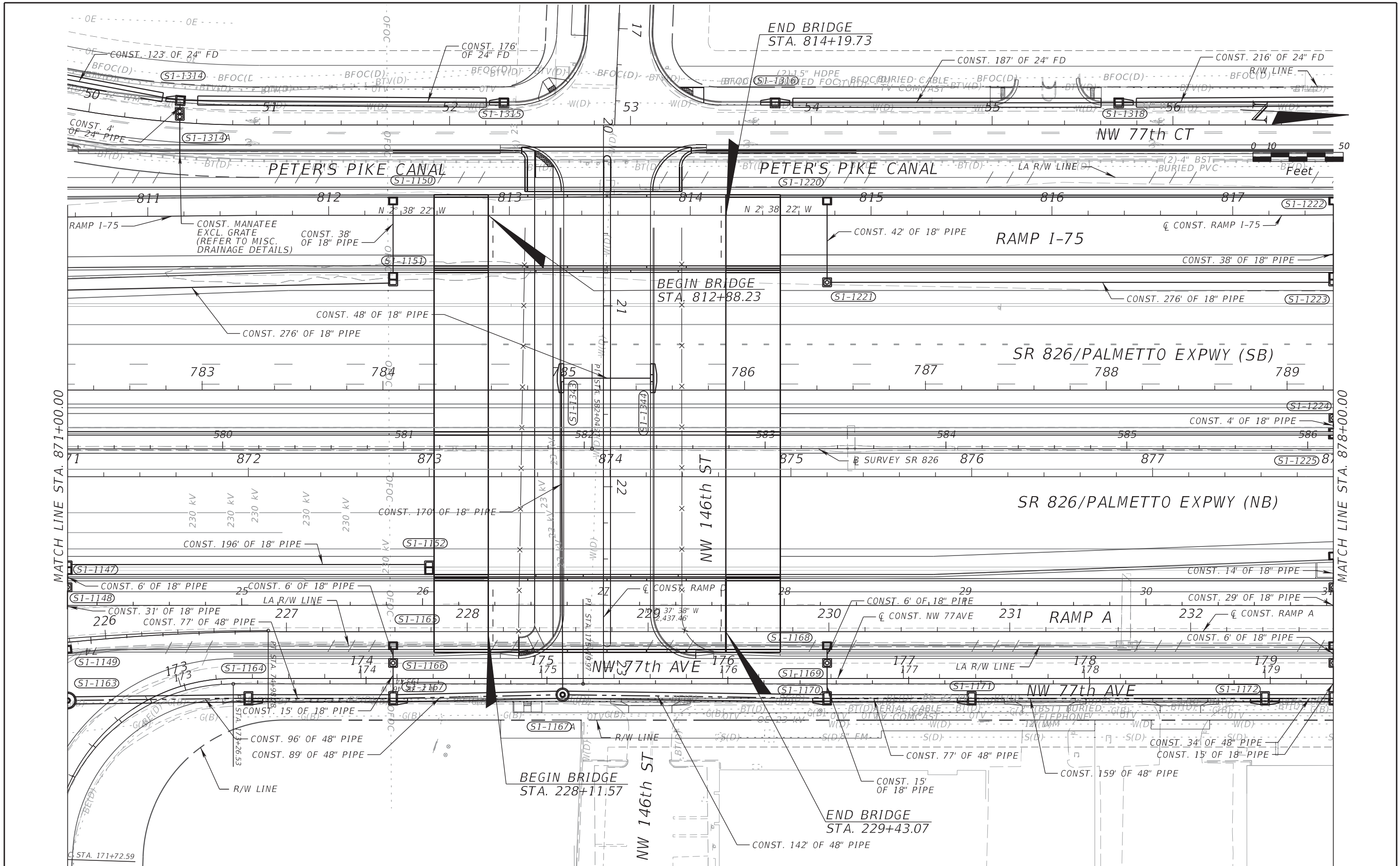
RIBBECK ENGINEERING, INC.
 14335 SW 120 STREET, SUITE 205
 MIAMI, FLORIDA 33186
 TEL. (305) 383-5909
 FBPE C.A. NO. 27592
 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

DRAINAGE PLAN

SHEET NO.
184

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



MATCH LINE STA. 871+00.00

MATCH LINE STA. 878+00.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

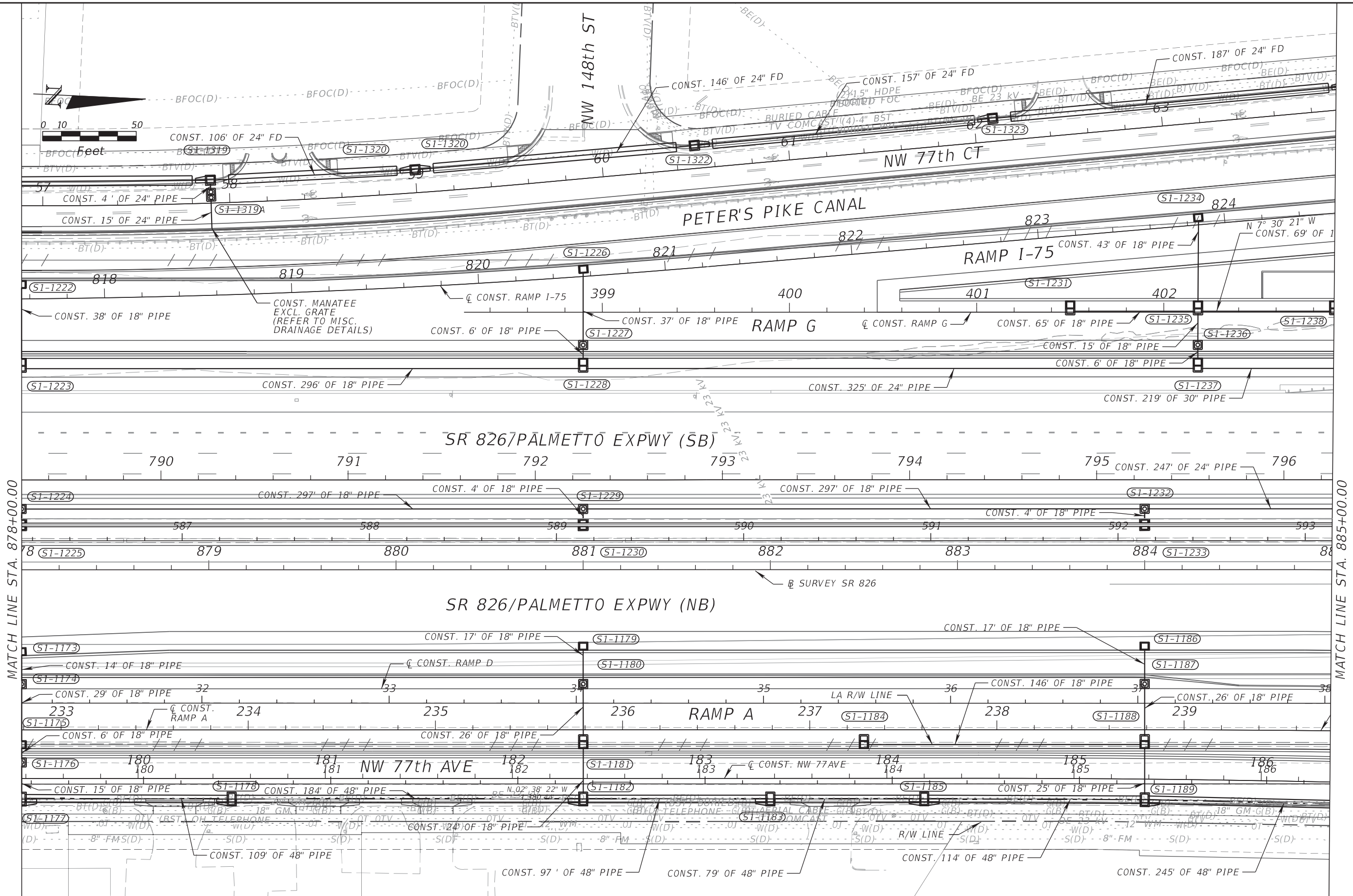
RIBBECK ENGINEERING, INC.
 14335 SW 120 STREET, SUITE 205
 MIAMI, FLORIDA 33186
 TEL. (305) 383-5909
 FBPE C.A. NO. 27592
 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

DRAINAGE PLAN

SHEET NO.
185

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



MATCH LINE STA. 878+00.00

MATCH LINE STA. 885+00.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

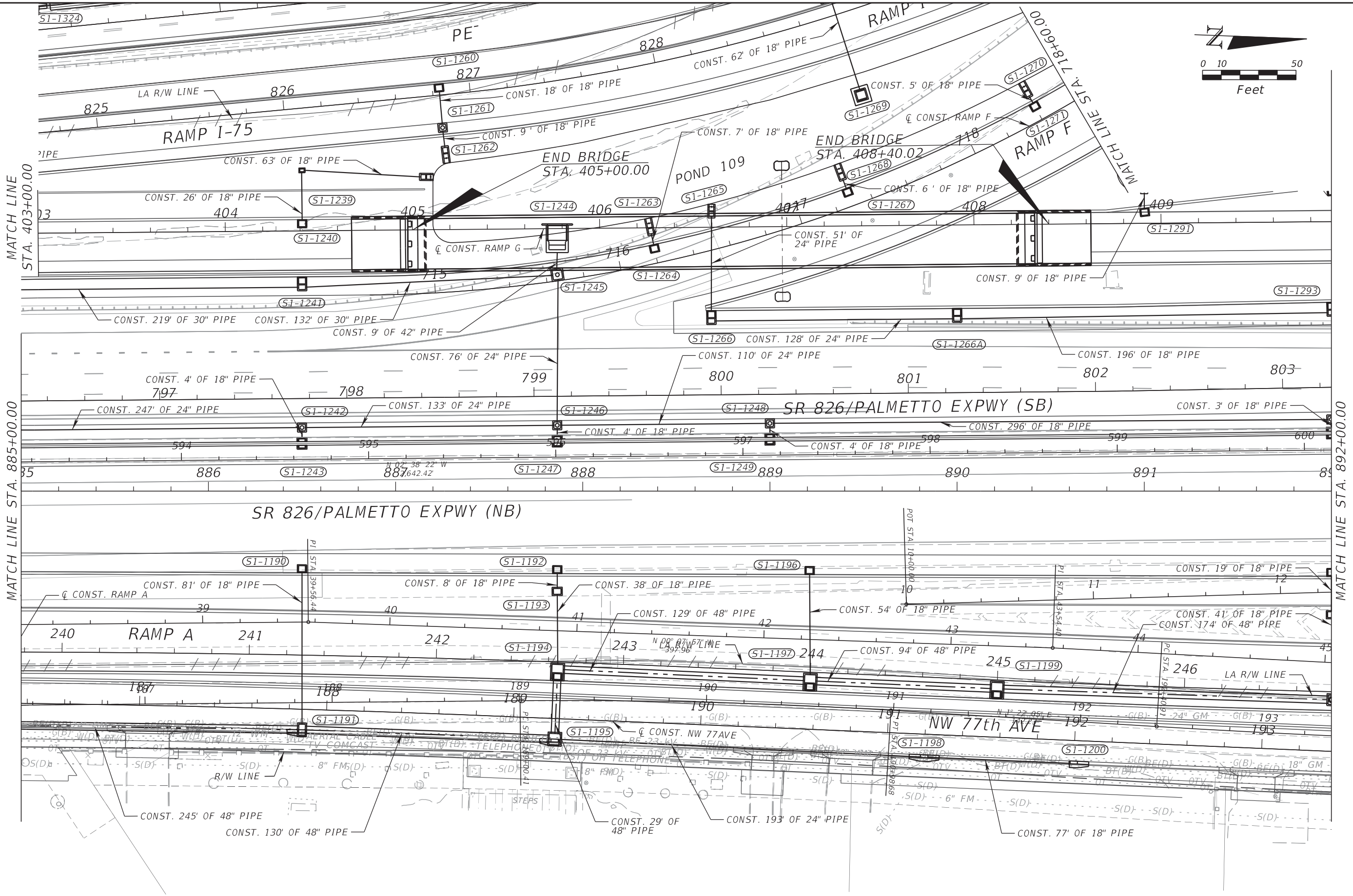
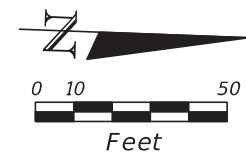
RIBBECK ENGINEERING, INC.
 14335 SW 120 STREET, SUITE 205
 MIAMI, FLORIDA 33186
 TEL. (305) 383-5909
 FBPE C.A. NO. 27592
 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

DRAINAGE PLAN

SHEET NO.
186

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



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

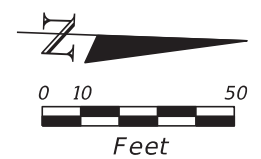
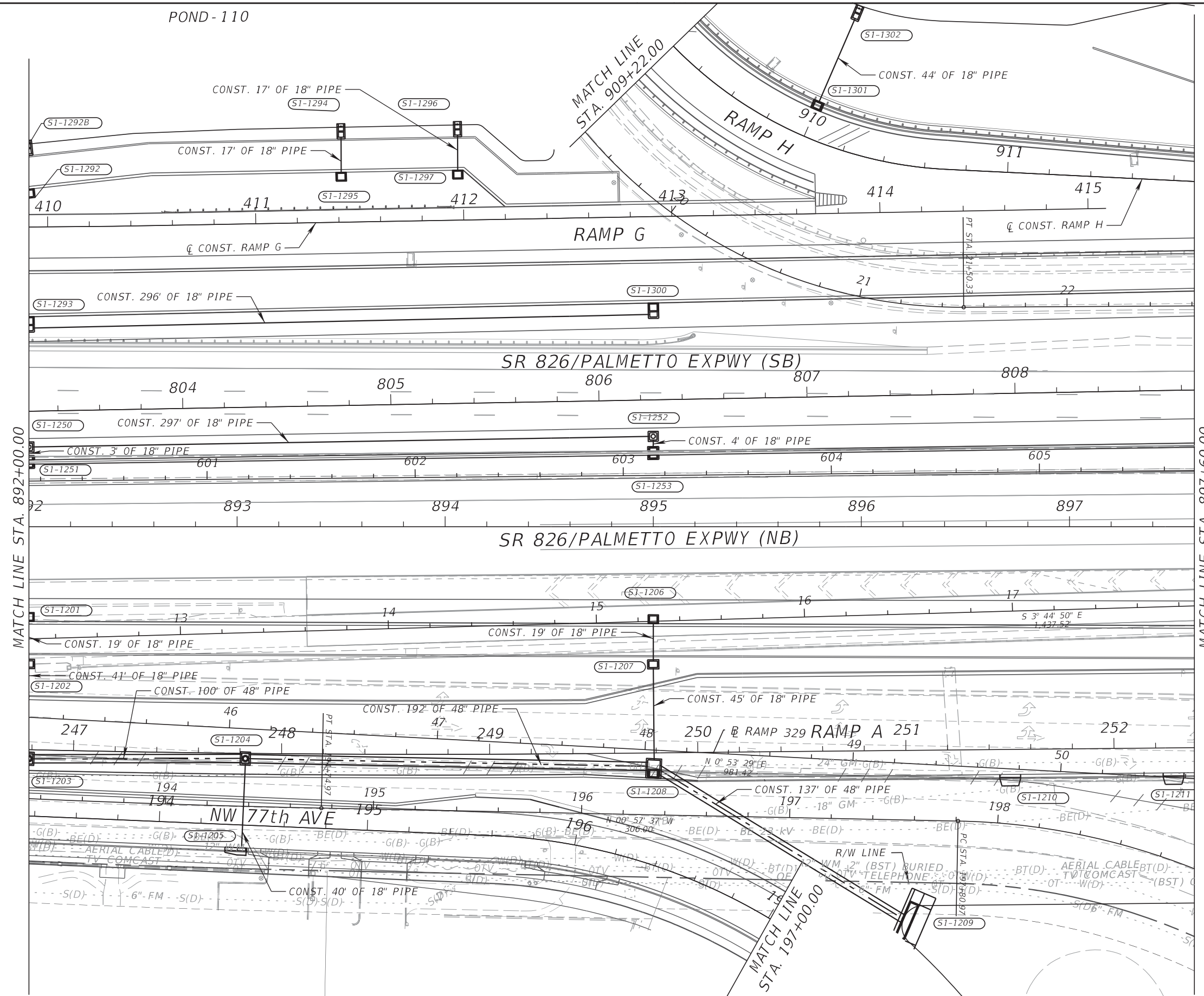
RIBBECK ENGINEERING, INC.
 14335 SW 120 STREET, SUITE 205
 MIAMI, FLORIDA 33186
 TEL. (305) 383-5909
 FBPE C.A. NO. 27592
 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

DRAINAGE PLAN

SHEET NO.
187

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



MATCH LINE STA. 892+00.00

MATCH LINE STA. 897+60.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

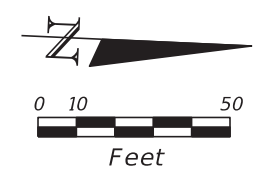
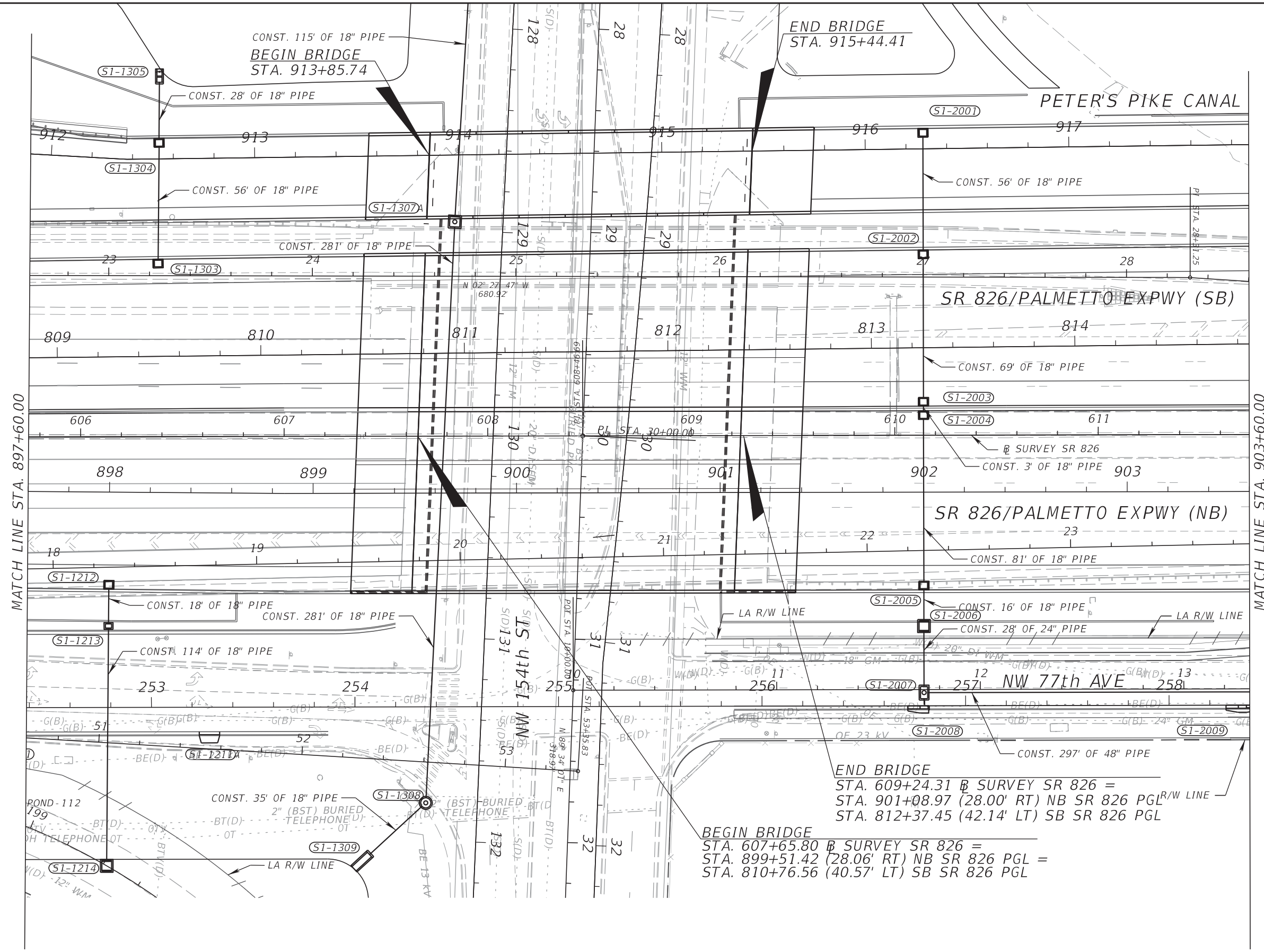
RIBBECK ENGINEERING, INC.
 14335 SW 120 STREET, SUITE 205
 MIAMI, FLORIDA 33186
 TEL. (305) 383-5909
 FBPE C.A. NO. 27592
 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

DRAINAGE PLAN

SHEET NO.
188

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



MATCH LINE STA. 897+60.00

MATCH LINE STA. 903+60.00

END BRIDGE
 STA. 609+24.31 @ SURVEY SR 826 =
 STA. 901+08.97 (28.00' RT) NB SR 826 PGL^{R/W LINE}
 STA. 812+37.45 (42.14' LT) SB SR 826 PGL

BEGIN BRIDGE
 STA. 607+65.80 @ SURVEY SR 826 =
 STA. 899+51.42 (28.06' RT) NB SR 826 PGL =
 STA. 810+76.56 (40.57' LT) SB SR 826 PGL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

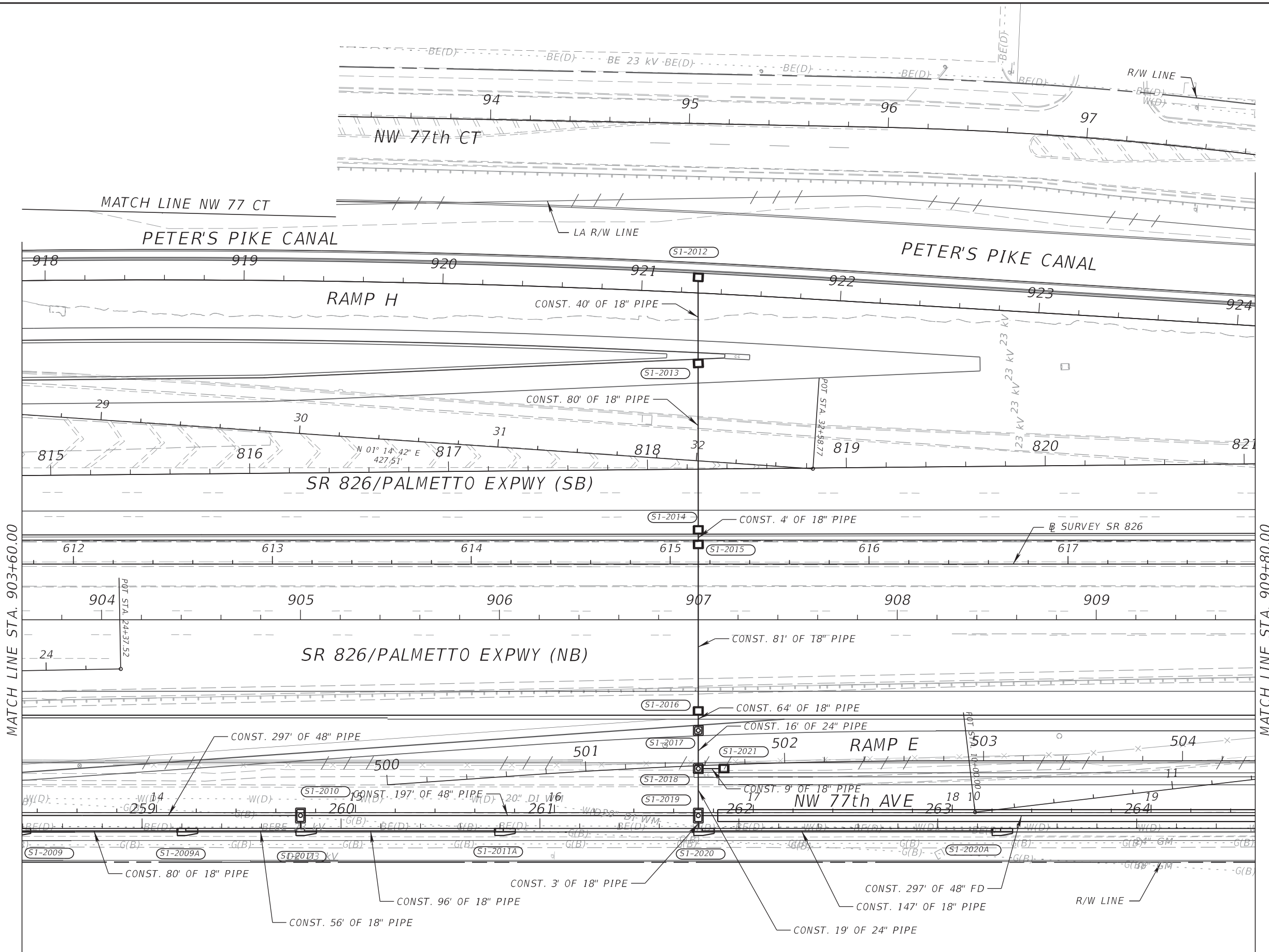
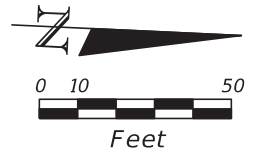
RIBBECK ENGINEERING, INC.
 14335 SW 120 STREET, SUITE 205
 MIAMI, FLORIDA 33186
 TEL. (305) 383-5909
 FBPE C.A. NO. 27592
 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

DRAINAGE PLAN

SHEET NO.
189

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23-.003, F.A.C.



MATCH LINE STA. 903+60.00

MATCH LINE STA. 909+80.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

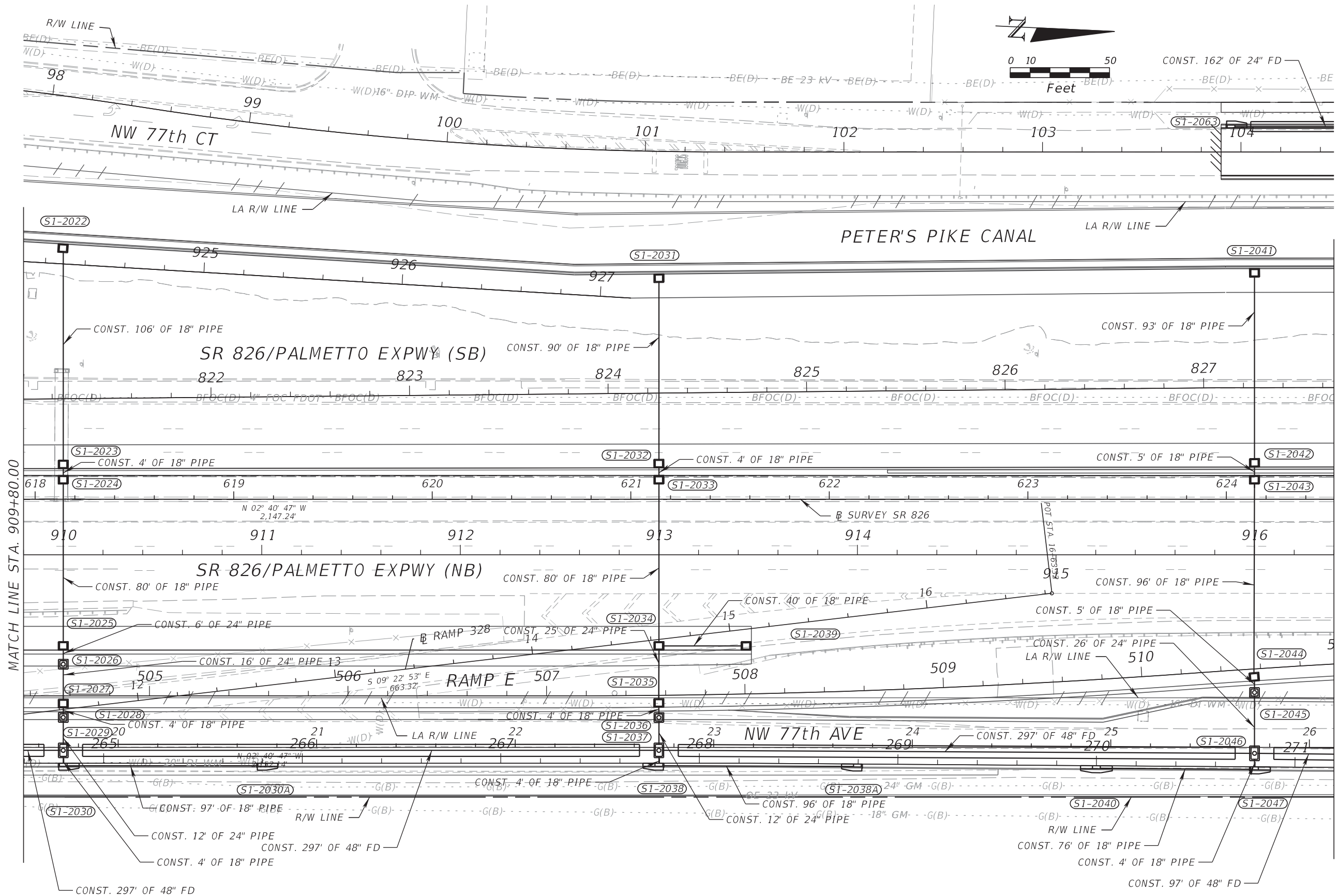
RIBBECK ENGINEERING, INC.
 14335 SW 120 STREET, SUITE 205
 MIAMI, FLORIDA 33186
 TEL. (305) 383-5909
 FBPE C.A. NO. 27592
 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

DRAINAGE PLAN

SHEET NO.
190

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



MATCH LINE STA. 909+80.00

MATCH LINE STA. 916+40.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

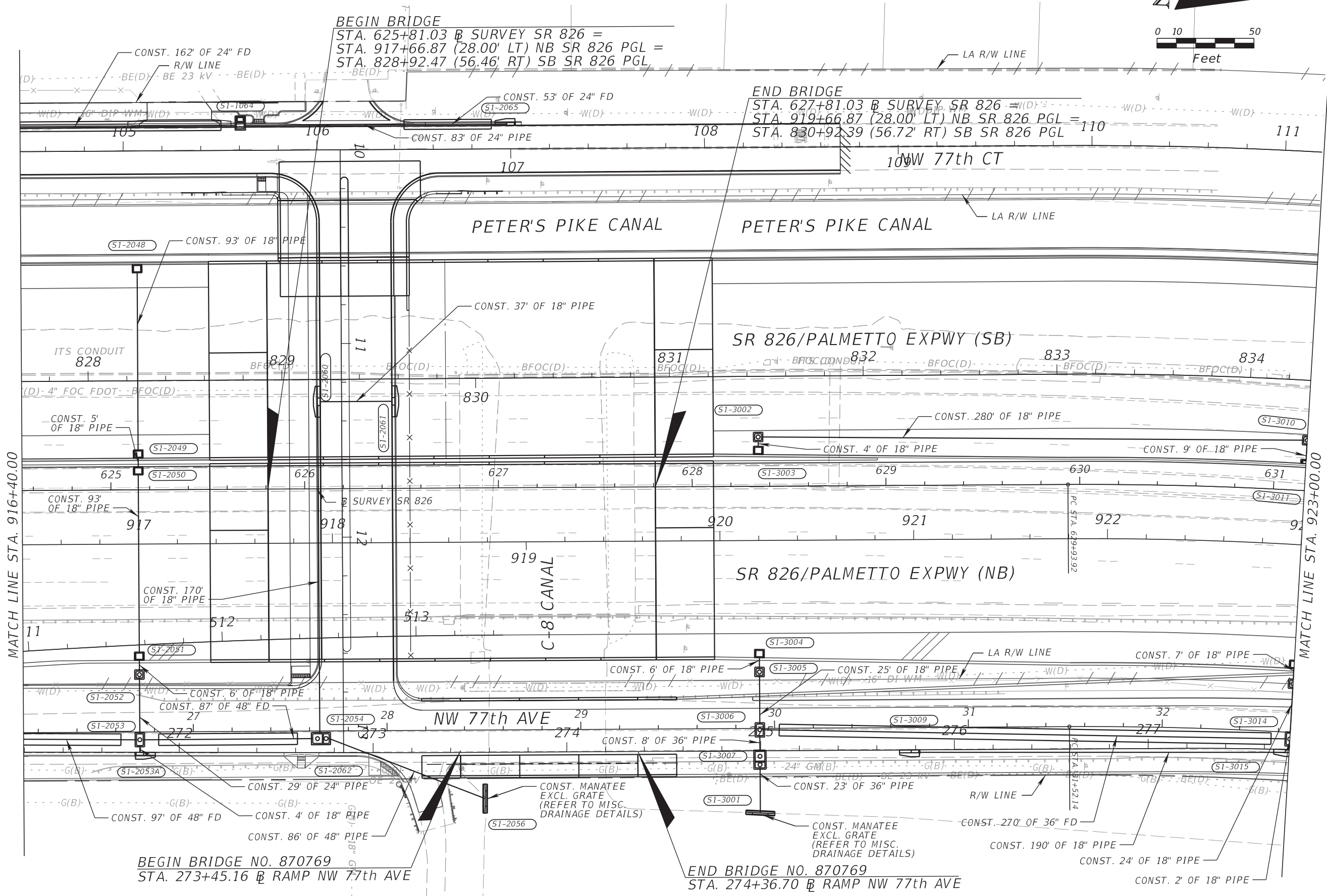
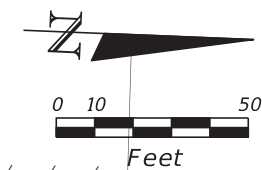
RIBBECK ENGINEERING, INC.
 14335 SW 120 STREET, SUITE 205
 MIAMI, FLORIDA 33186
 TEL. (305) 383-5909
 FBPE C.A. NO. 27592
 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

DRAINAGE PLAN

SHEET NO.
191

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



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

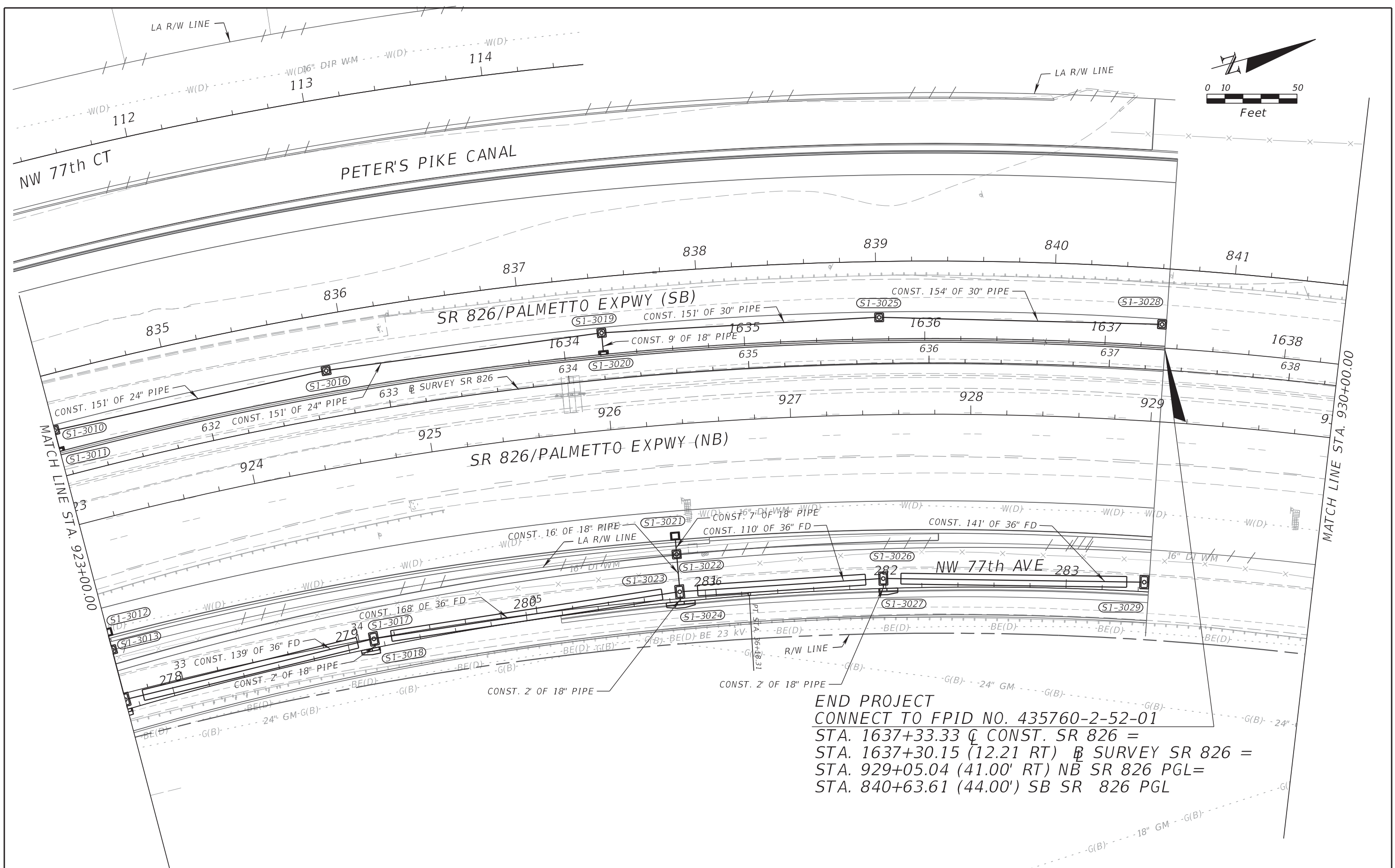
RIBBECK ENGINEERING, INC.
 14335 SW 120 STREET, SUITE 205
 MIAMI, FLORIDA 33186
 TEL. (305) 383-5909
 FBPE C.A. NO. 27592
 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

DRAINAGE PLAN

SHEET NO.
192

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



END PROJECT
 CONNECT TO FPID NO. 435760-2-52-01
 STA. 1637+33.33 @ CONST. SR 826 =
 STA. 1637+30.15 (12.21 RT) @ SURVEY SR 826 =
 STA. 929+05.04 (41.00' RT) NB SR 826 PGL=
 STA. 840+63.61 (44.00') SB SR 826 PGL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

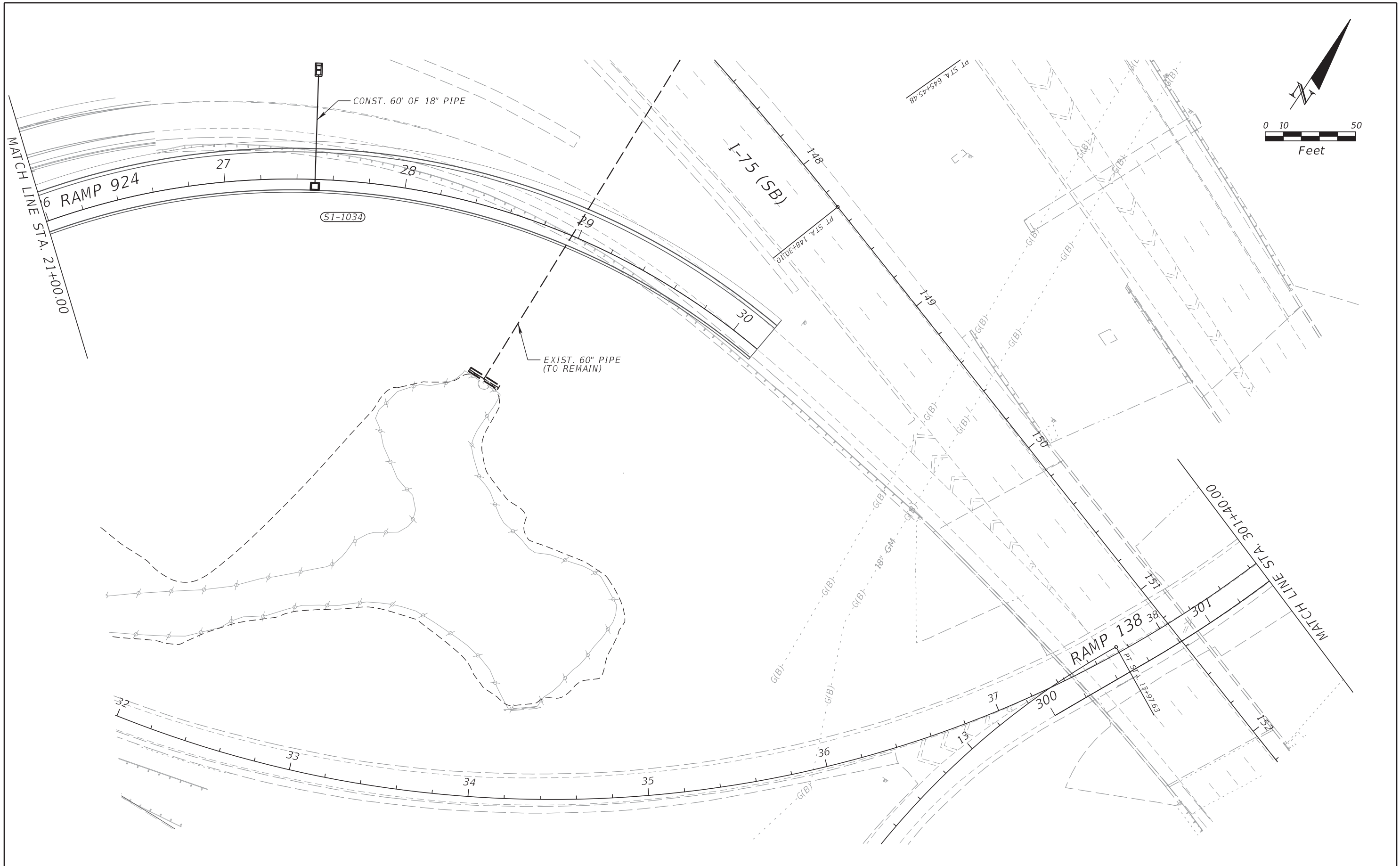
RIBBECK ENGINEERING, INC.
 14335 SW 120 STREET, SUITE 205
 MIAMI, FLORIDA 33186
 TEL. (305) 383-5909
 FBPE C.A. NO. 27592
 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

DRAINAGE PLAN

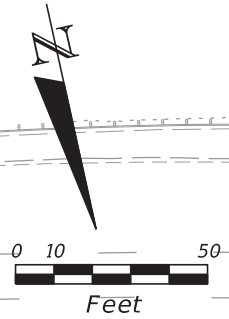
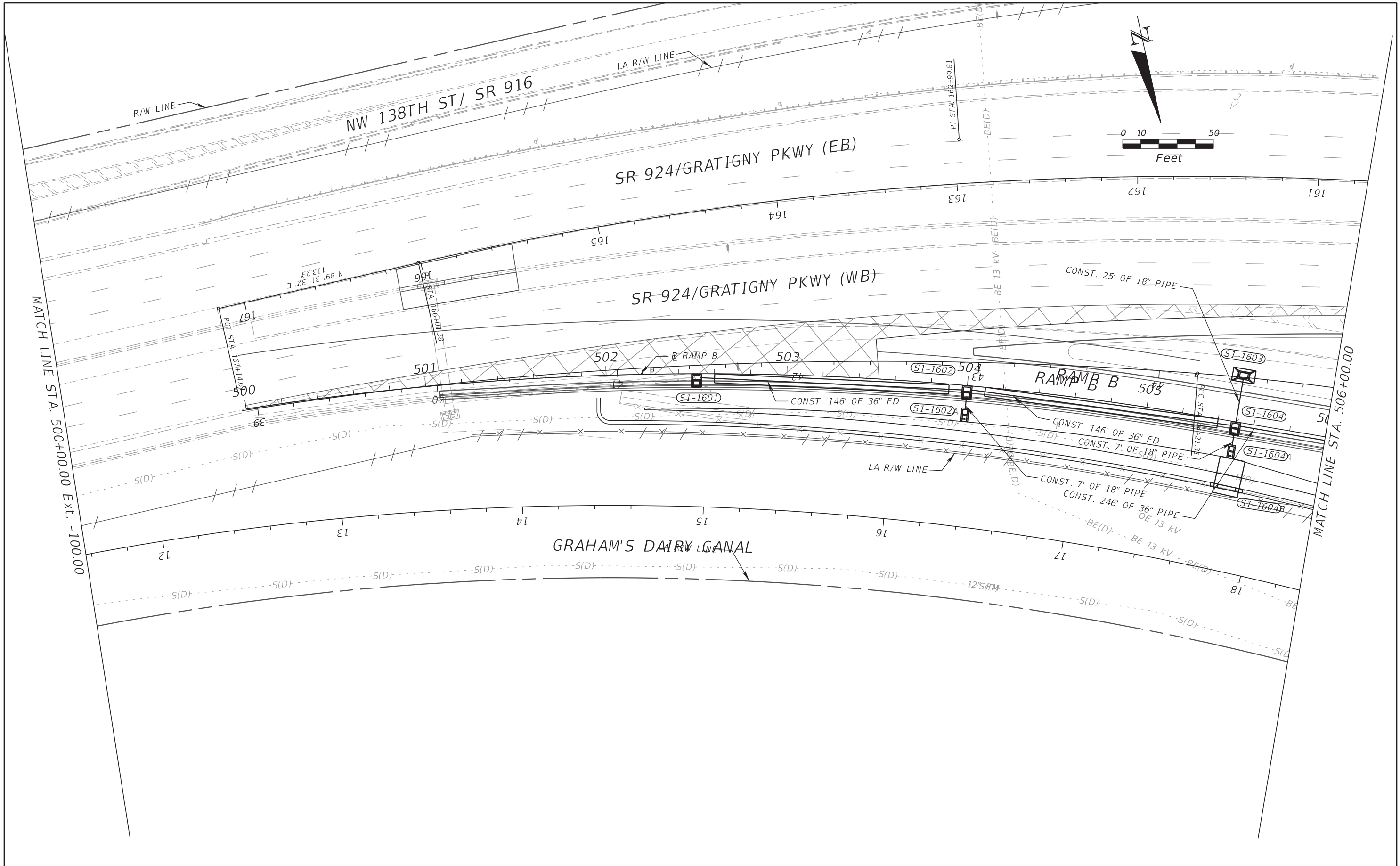
SHEET NO.
193

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



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

REVISIONS				RIBBECK ENGINEERING, INC. 14335 SW 120 STREET, SUITE 205 MIAMI, FLORIDA 33186 TEL. (305) 383-5909 FBPE C.A. NO. 27592 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 194
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 826	MIAMI-DADE	435760-1-52-01	



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

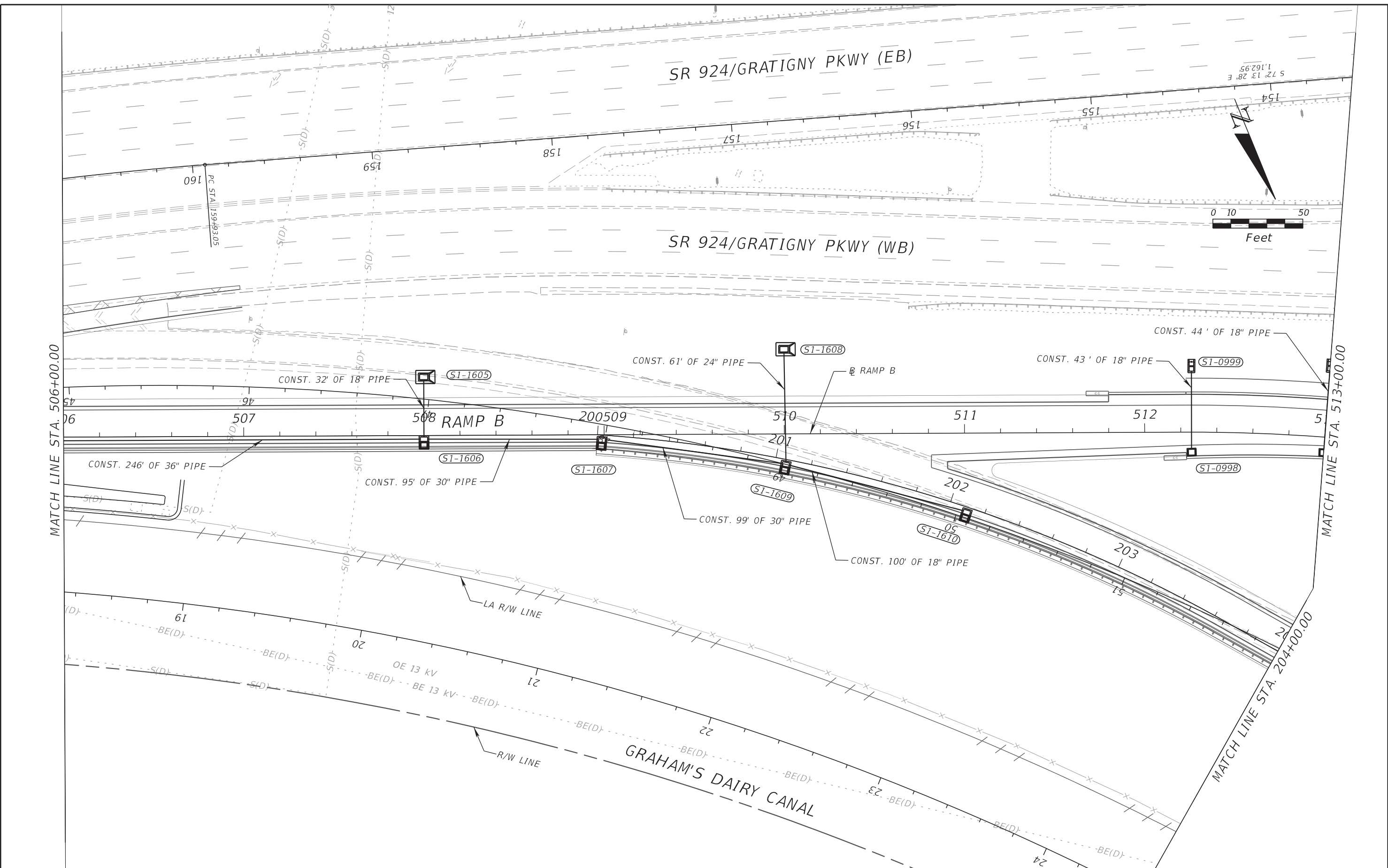
RIBBECK ENGINEERING, INC.
 14335 SW 120 STREET, SUITE 205
 MIAMI, FLORIDA 33186
 TEL. (305) 383-5909
 FBPE C.A. NO. 27592
 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

DRAINAGE PLAN

SHEET NO.
195

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



MATCH LINE STA. 506+00.00

MATCH LINE STA. 513+00.00

MATCH LINE STA. 204+00.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

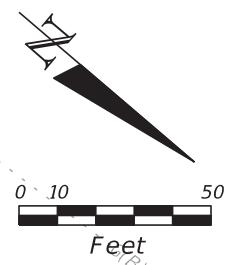
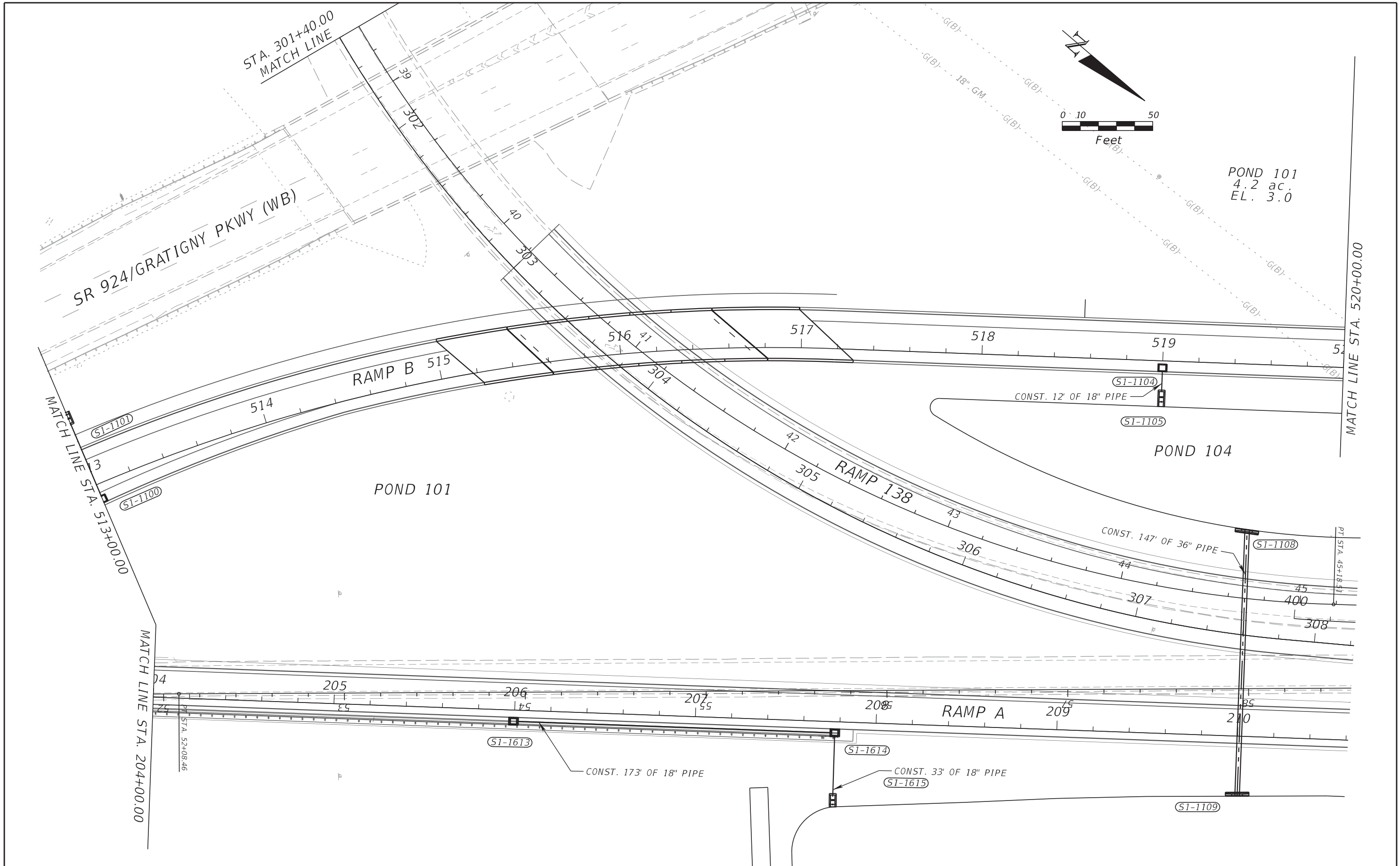
RIBBECK ENGINEERING, INC.
 14335 SW 120 STREET, SUITE 205
 MIAMI, FLORIDA 33186
 TEL. (305) 383-5909
 FBPE C.A. NO. 27592
 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

DRAINAGE PLAN

SHEET NO.
196

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POND 101
4.2 ac.
EL. 3.0

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

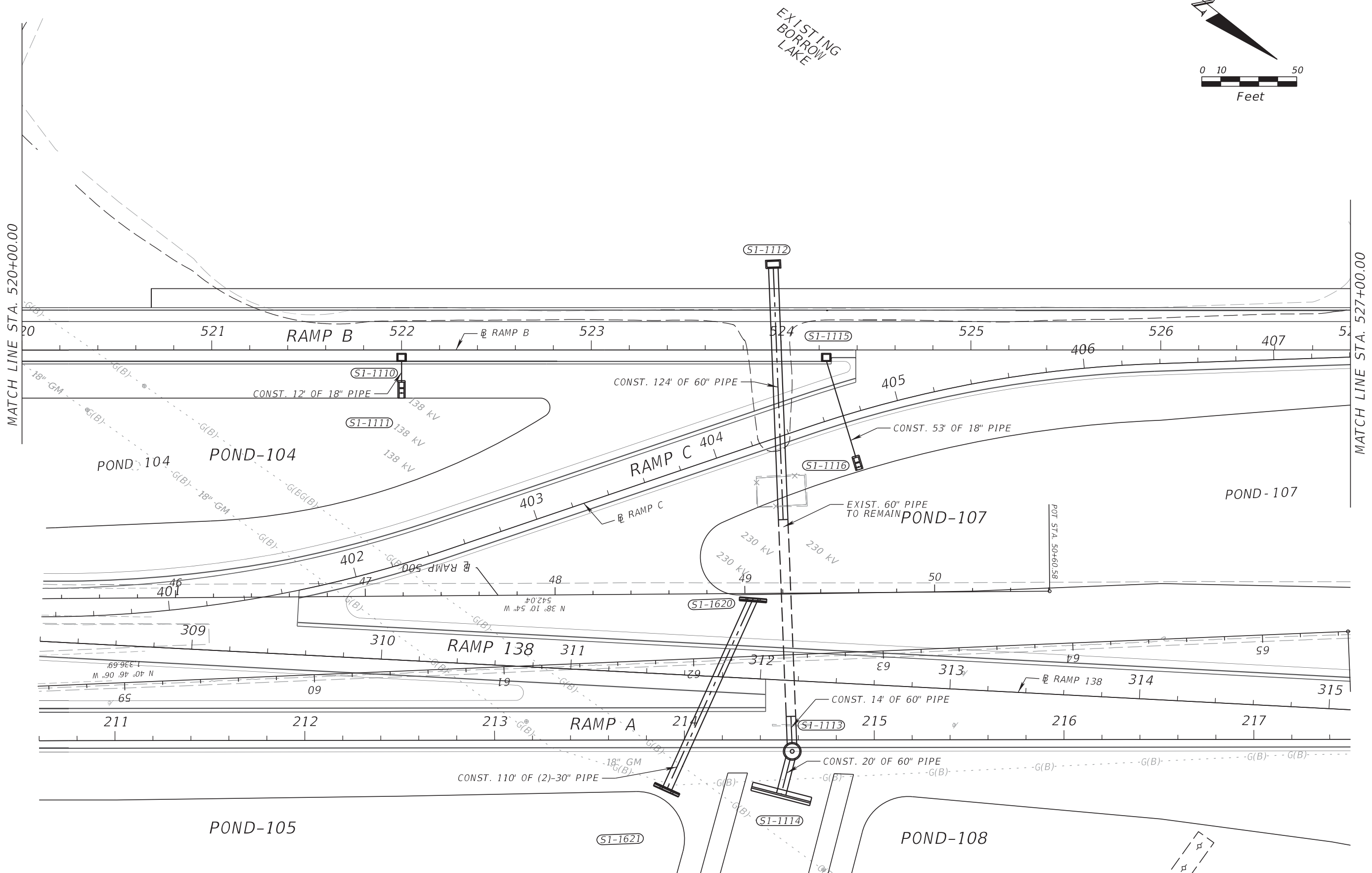
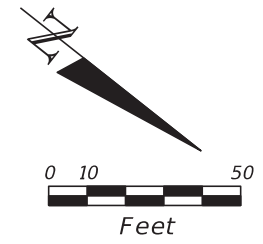
RIBBECK ENGINEERING, INC.
14335 SW 120 STREET, SUITE 205
MIAMI, FLORIDA 33186
TEL. (305) 383-5909
FBPE C.A. NO. 27592
CARLOS F. RIBBECK, P.E. LICENSE NO. 50543

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

DRAINAGE PLAN

SHEET NO.
197

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



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

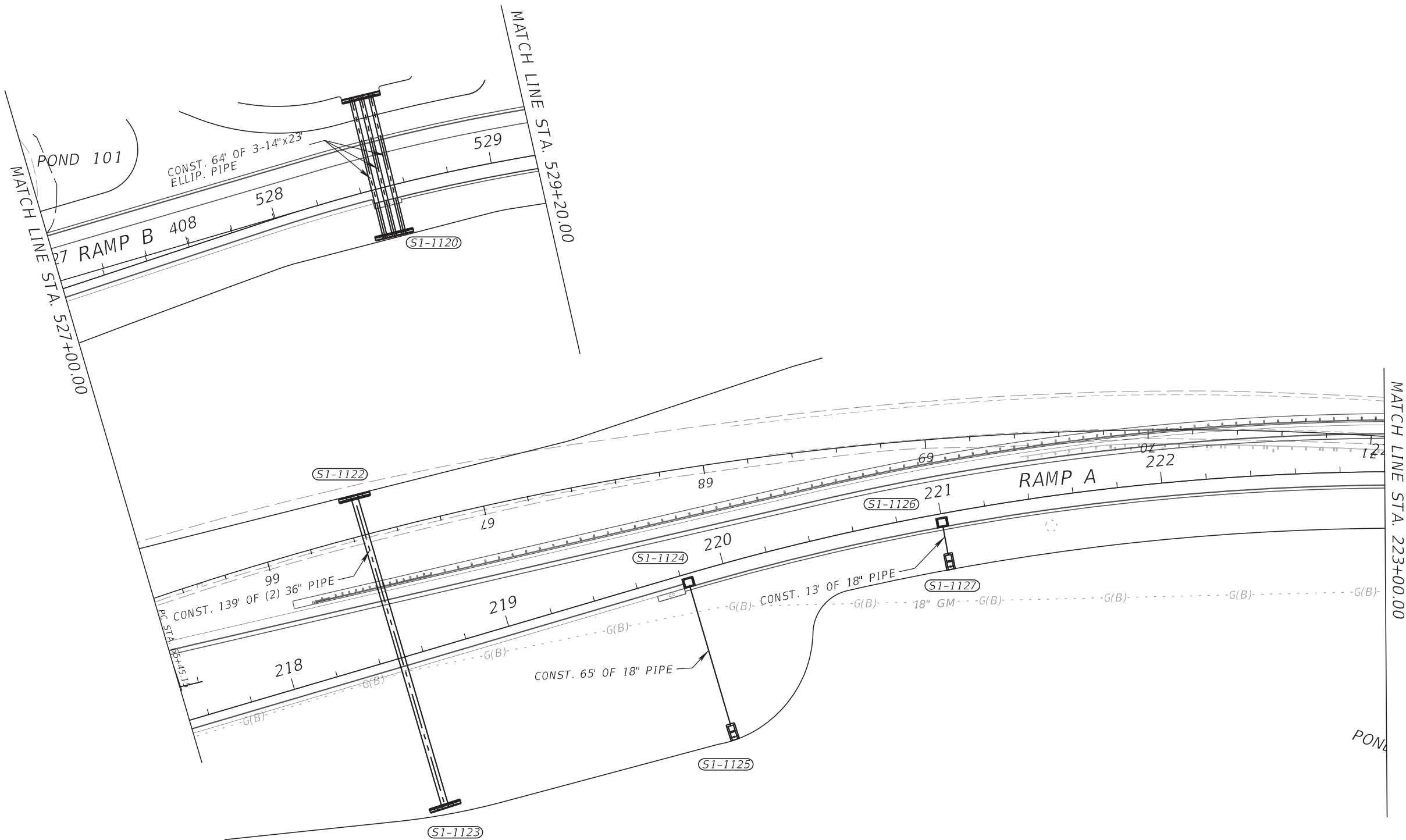
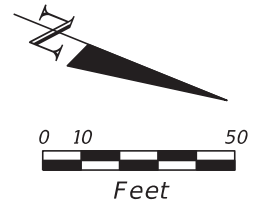
RIBBECK ENGINEERING, INC.
 14335 SW 120 STREET, SUITE 205
 MIAMI, FLORIDA 33186
 TEL. (305) 383-5909
 FBPE C.A. NO. 27592
 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

DRAINAGE PLAN

SHEET NO.
198

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



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

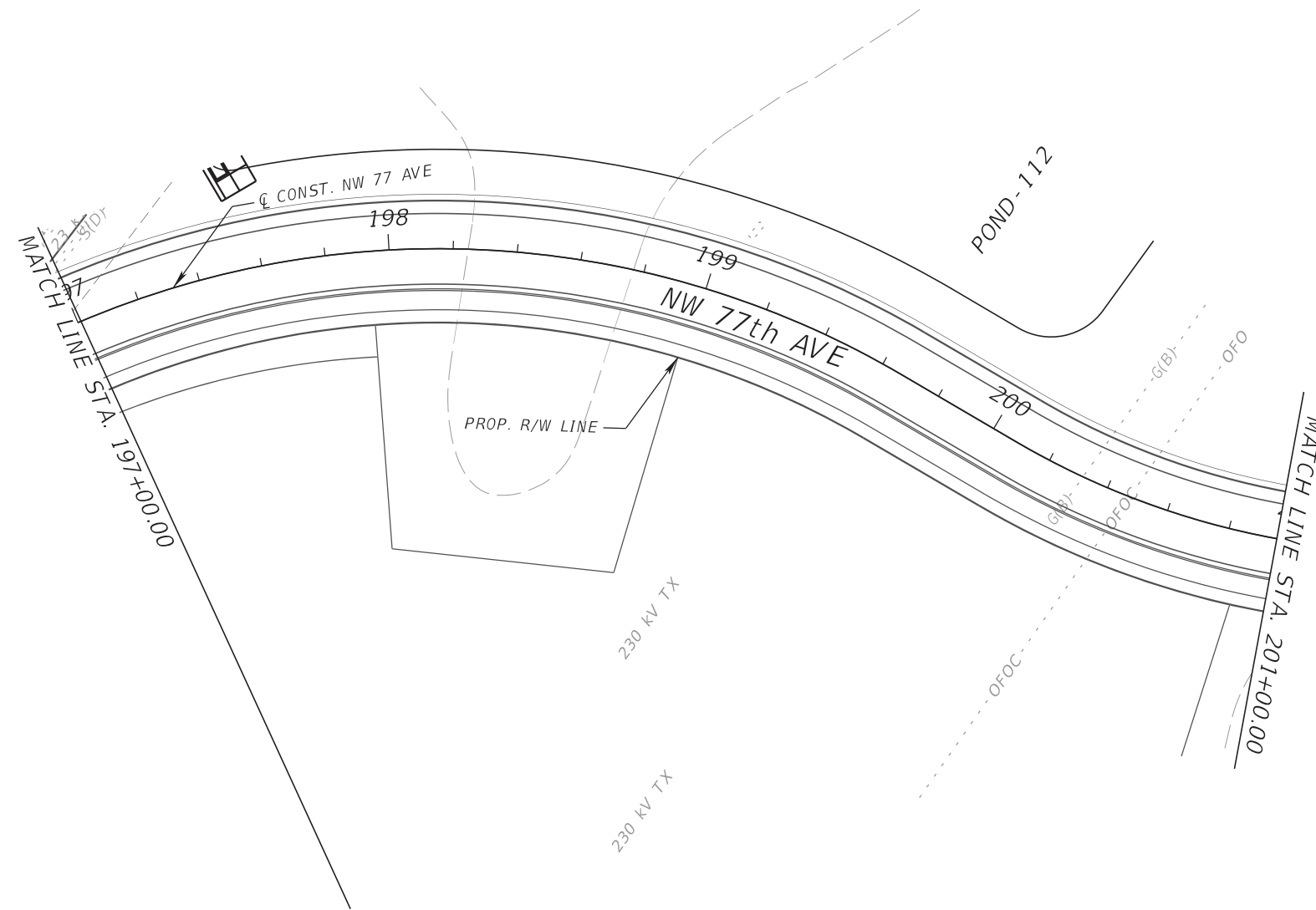
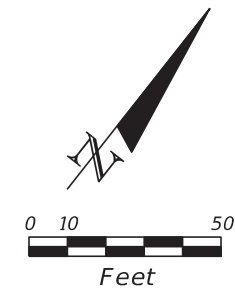
RIBBECK ENGINEERING, INC.
 14335 SW 120 STREET, SUITE 205
 MIAMI, FLORIDA 33186
 TEL. (305) 383-5909
 FBPE C.A. NO. 27592
 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

DRAINAGE PLAN

SHEET NO.
199

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



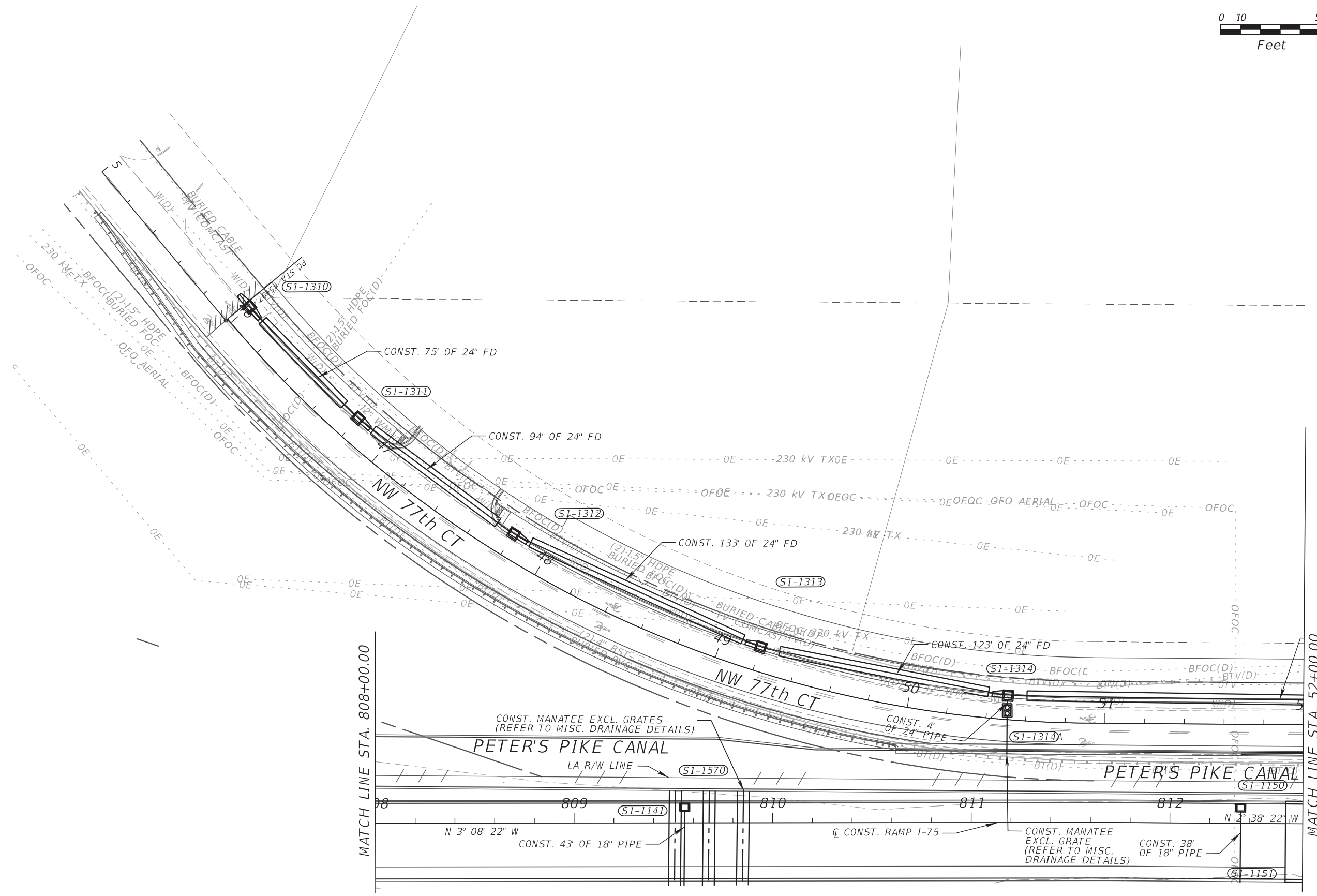
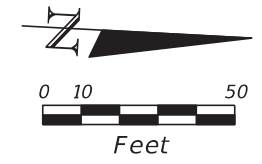
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

RIBBECK ENGINEERING, INC.
 14335 SW 120 STREET, SUITE 205
 MIAMI, FLORIDA 33186
 TEL. (305) 383-5909
 FBPE C.A. NO. 27592
 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

DRAINAGE PLAN

SHEET NO.
200



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

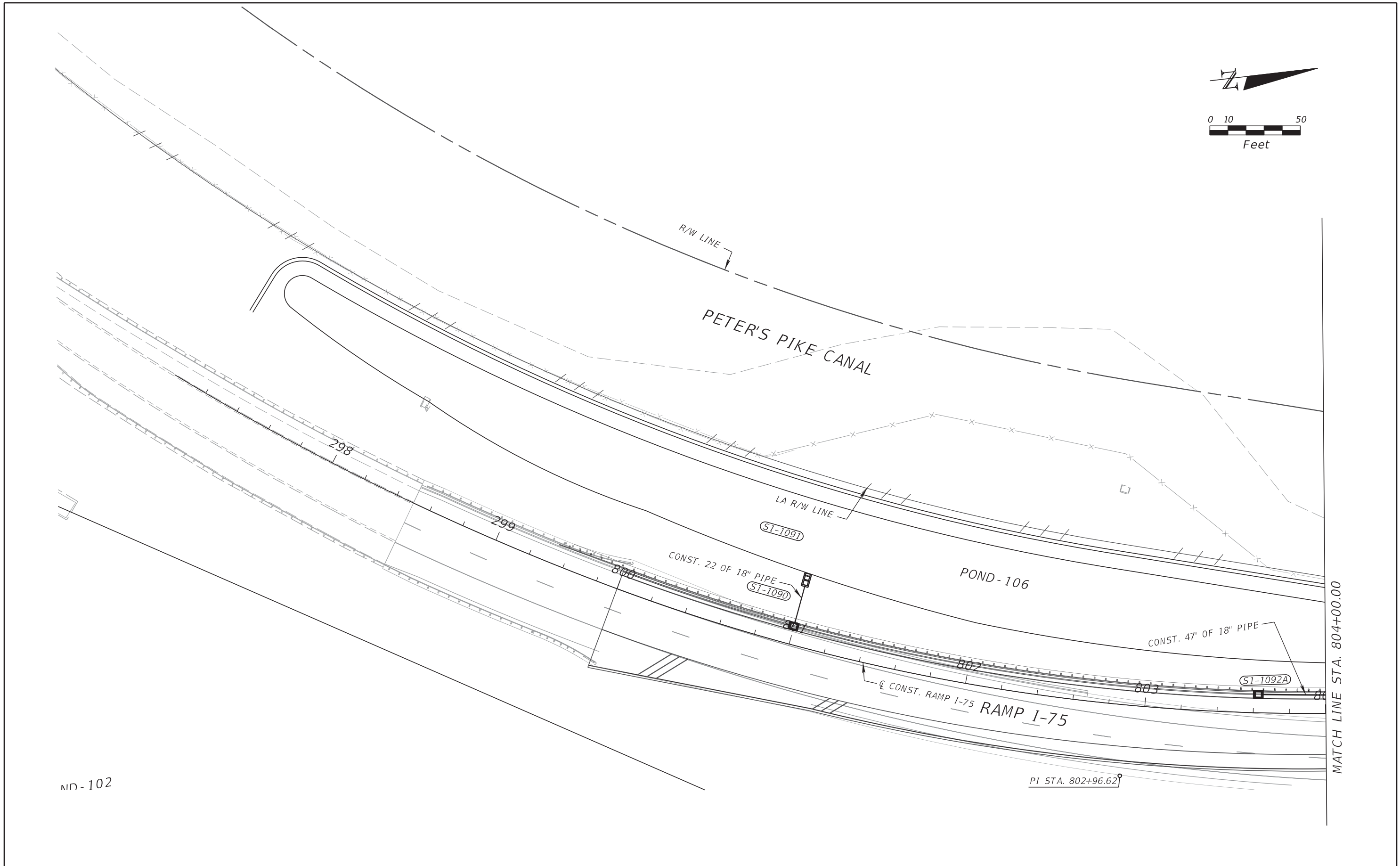
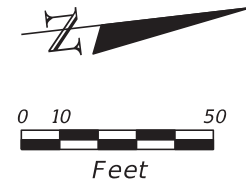
RIBBECK ENGINEERING, INC.
 14335 SW 120 STREET, SUITE 205
 MIAMI, FLORIDA 33186
 TEL. (305) 383-5909
 FBPE C.A. NO. 27592
 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

DRAINAGE PLAN

SHEET NO.
201

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

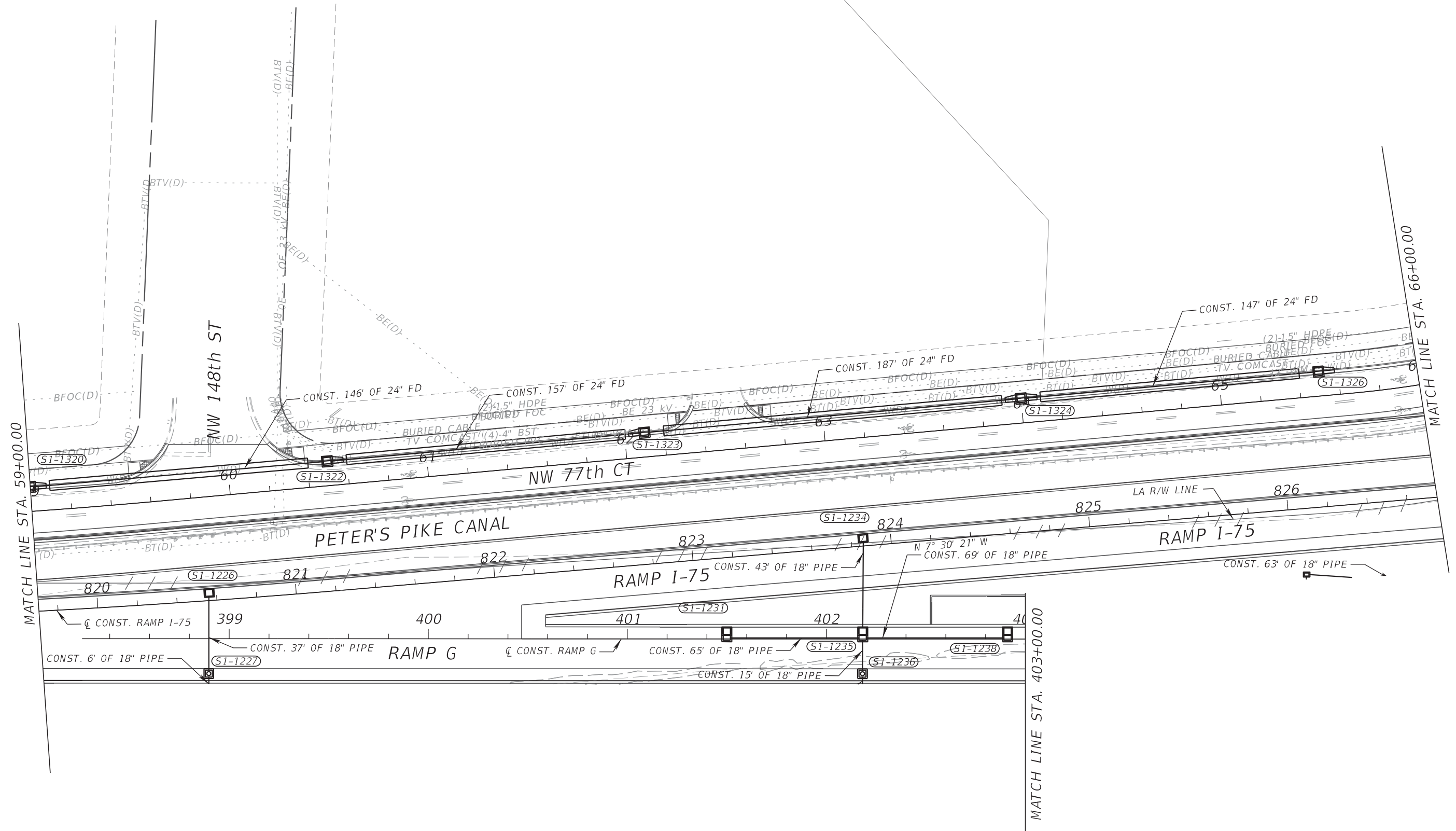
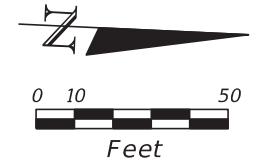


ND-102

MATCH LINE STA. 804+00.00

REVISIONS				RIBBECK ENGINEERING, INC. 14335 SW 120 STREET, SUITE 205 MIAMI, FLORIDA 33186 TEL. (305) 383-5909 FBPE C.A. NO. 27592 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<h2 style="margin: 0;">DRAINAGE PLAN</h2>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		202
					SR 826	MIAMI-DADE	435760-1-52-01			

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



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

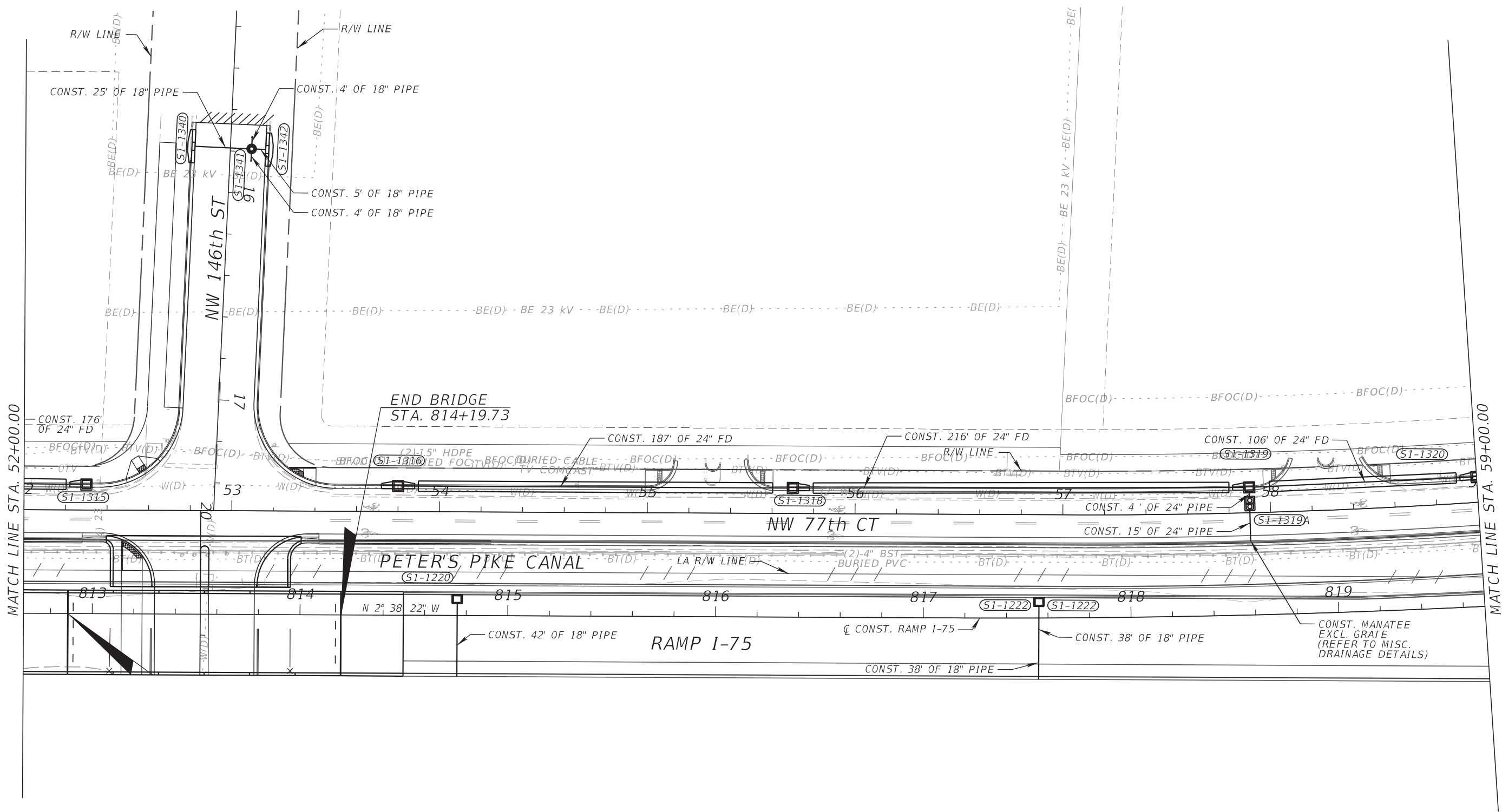
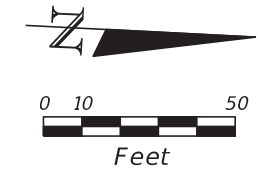
RIBBECK ENGINEERING, INC.
 14335 SW 120 STREET, SUITE 205
 MIAMI, FLORIDA 33186
 TEL. (305) 383-5909
 FBPE C.A. NO. 27592
 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

DRAINAGE PLAN

SHEET NO.
203

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



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

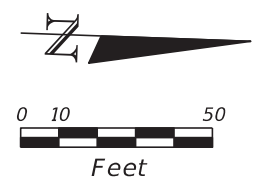
RIBBECK ENGINEERING, INC.
 14335 SW 120 STREET, SUITE 205
 MIAMI, FLORIDA 33186
 TEL. (305) 383-5909
 FBPE C.A. NO. 27592
 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

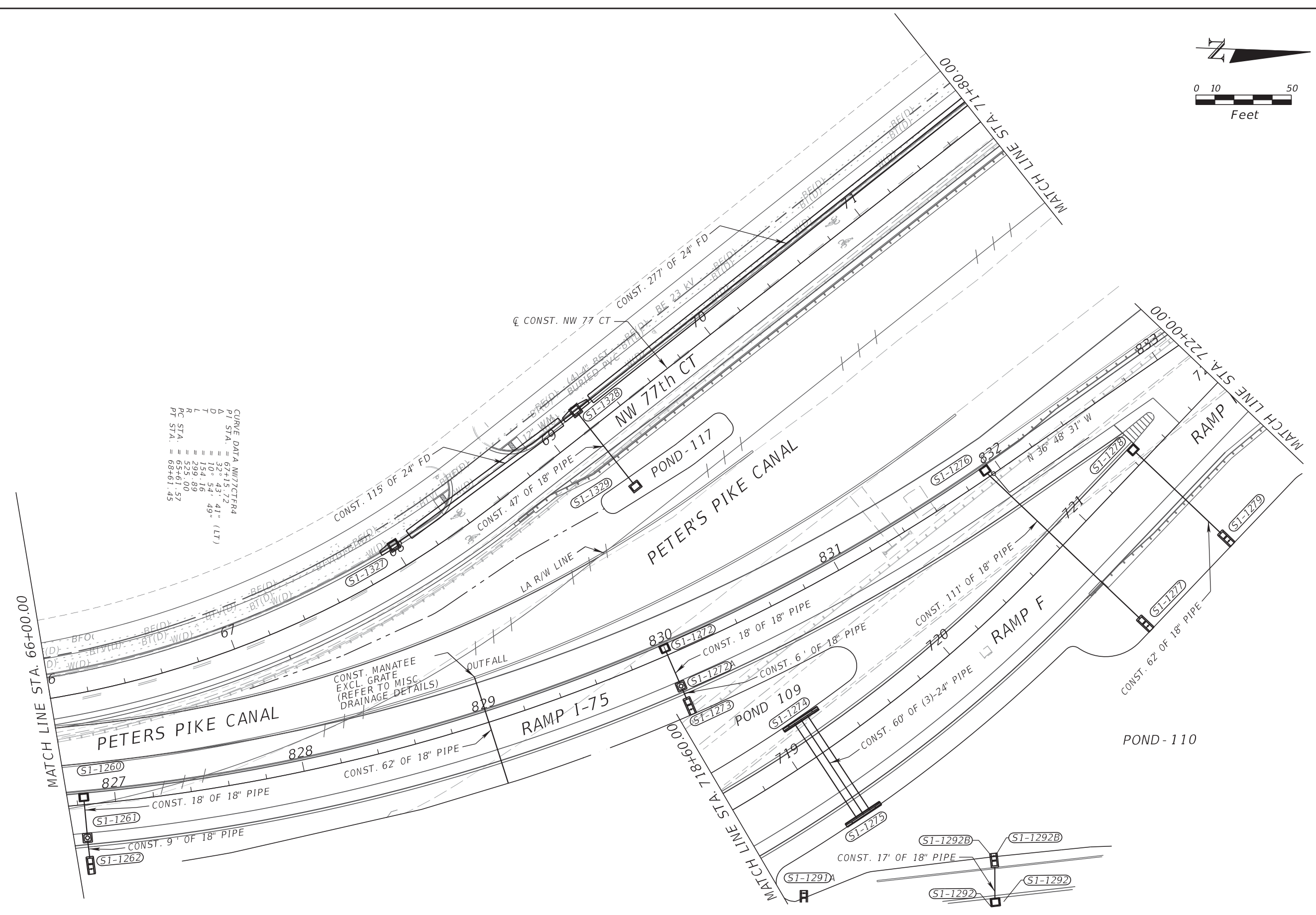
DRAINAGE PLAN

SHEET NO.
204

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



CURVE DATA NW77CTFR4
 PI STA. = 67+15.72
 Δ = 32° 43' 41" (LT)
 D = 10° 54' 49"
 L = 154.16
 T = 299.89
 PC STA. = 525.00
 PT STA. = 68+61.45



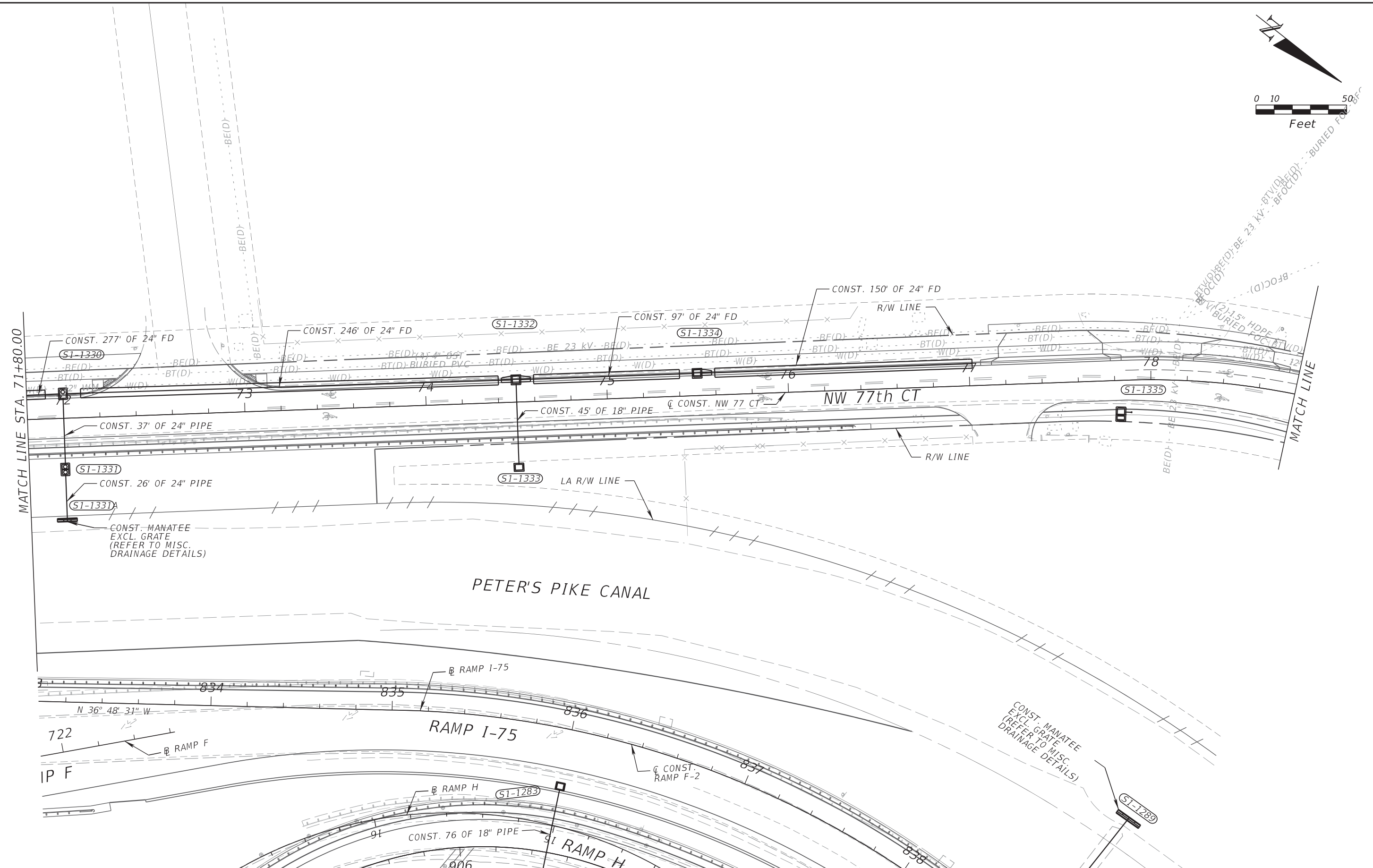
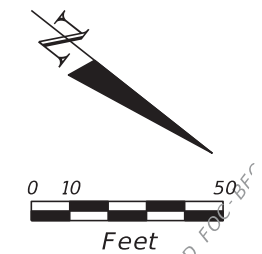
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

RIBBECK ENGINEERING, INC.
 14335 SW 120 STREET, SUITE 205
 MIAMI, FLORIDA 33186
 TEL. (305) 383-5909
 FBPE C.A. NO. 27592
 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

DRAINAGE PLAN

SHEET NO.
205



REVISIONS	
DATE	DESCRIPTION

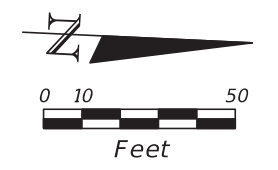
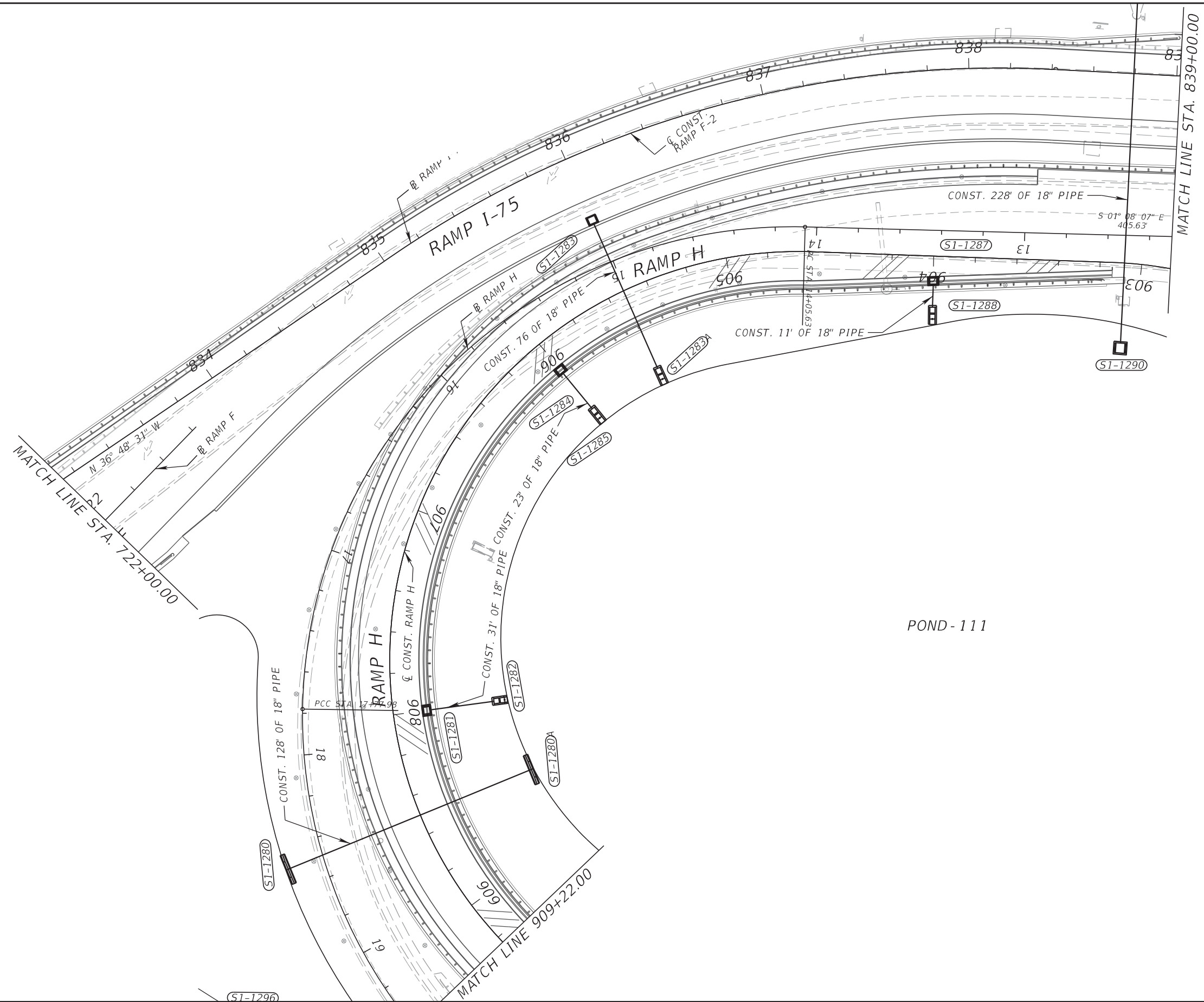
RIBBECK ENGINEERING, INC.
 14335 SW 120 STREET, SUITE 205
 MIAMI, FLORIDA 33186
 TEL. (305) 383-5909
 FBPE C.A. NO. 27592
 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

DRAINAGE PLAN

SHEET NO.
206

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



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

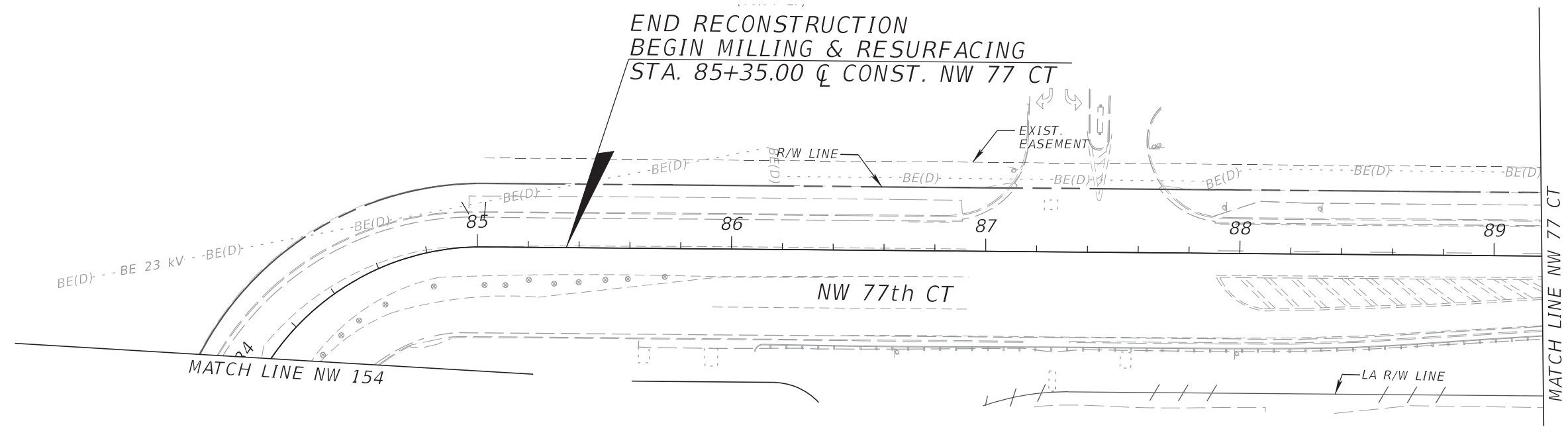
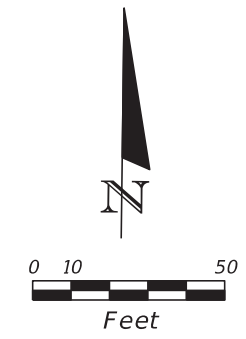
RIBBECK ENGINEERING, INC.
 14335 SW 120 STREET, SUITE 205
 MIAMI, FLORIDA 33186
 TEL. (305) 383-5909
 FBPE C.A. NO. 27592
 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

DRAINAGE PLAN

SHEET NO.
207

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



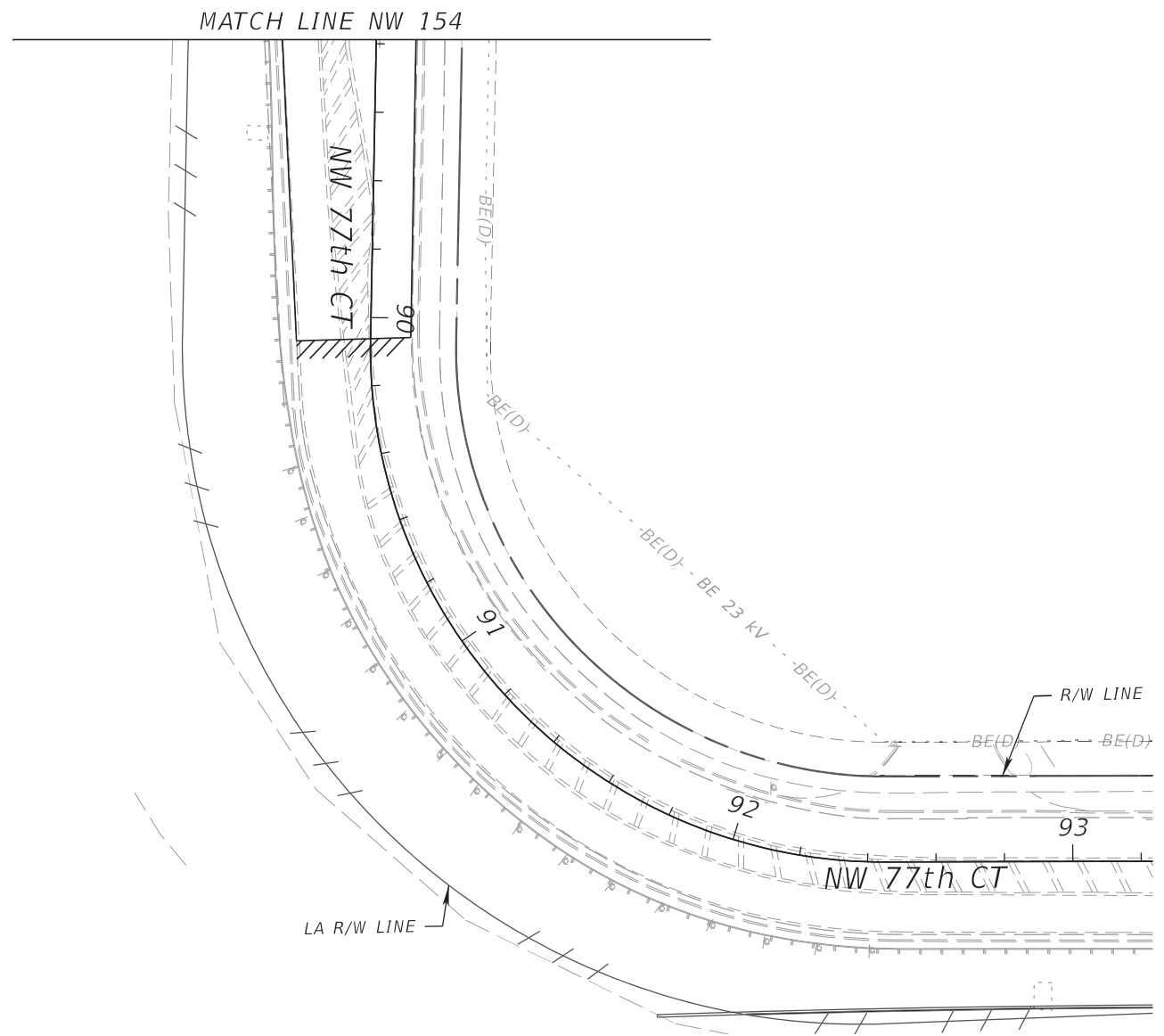
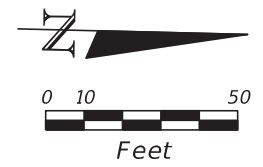
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

RIBBECK ENGINEERING, INC.
 14335 SW 120 STREET, SUITE 205
 MIAMI, FLORIDA 33186
 TEL. (305) 383-5909
 FBPE C.A. NO. 27592
 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543

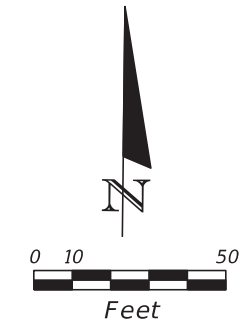
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

DRAINAGE PLAN

SHEET NO.
208



REVISIONS				RIBBECK ENGINEERING, INC. 14335 SW 120 STREET, SUITE 205 MIAMI, FLORIDA 33186 TEL. (305) 383-5909 FBPE C.A. NO. 27592 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE PLAN	SHEET NO. 209
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 826	MIAMI-DADE	435760-1-52-01		

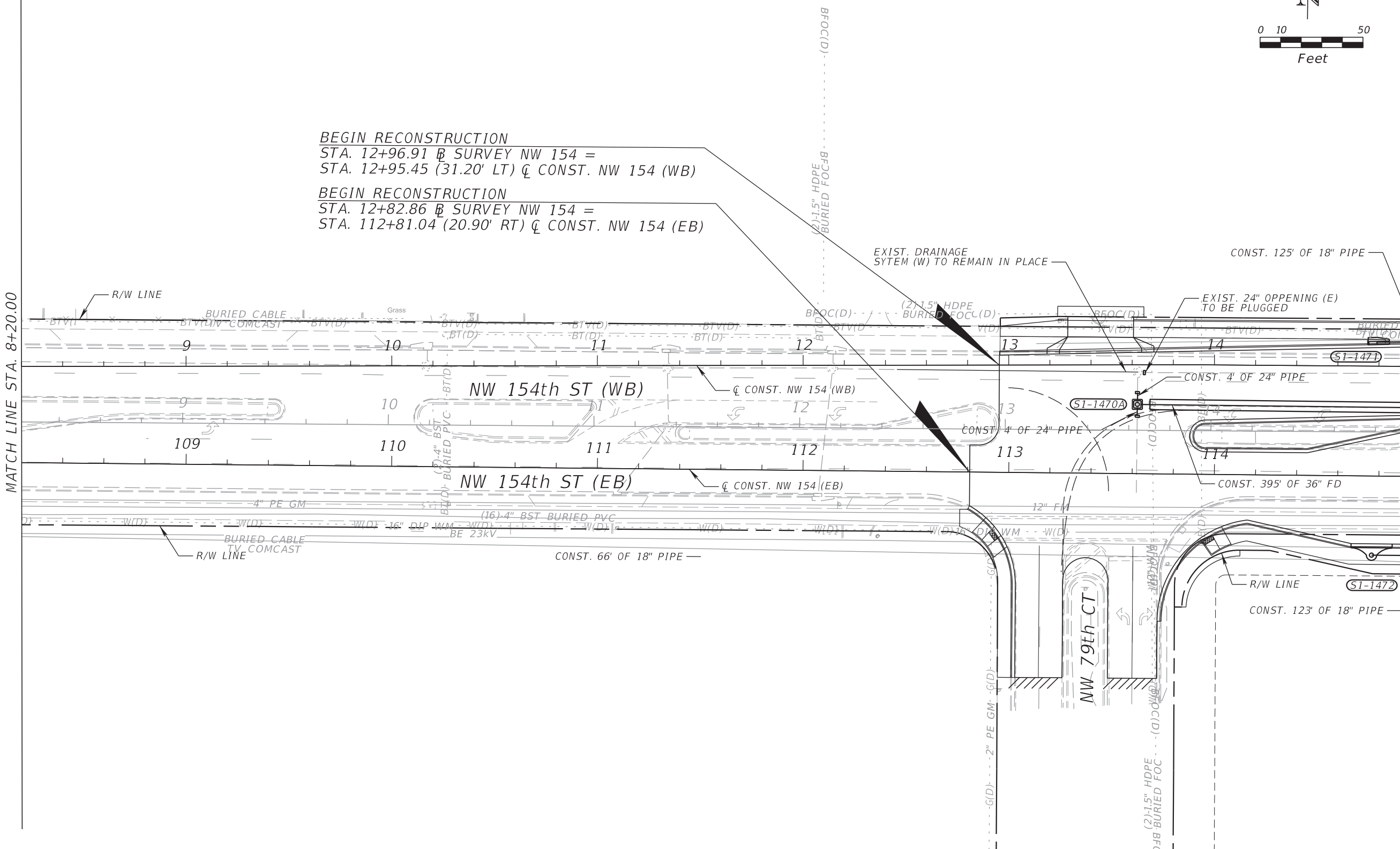


BEGIN RECONSTRUCTION
 STA. 12+96.91 @ SURVEY NW 154 =
 STA. 12+95.45 (31.20' LT) @ CONST. NW 154 (WB)

BEGIN RECONSTRUCTION
 STA. 12+82.86 @ SURVEY NW 154 =
 STA. 112+81.04 (20.90' RT) @ CONST. NW 154 (EB)

MATCH LINE STA. 8+20.00

MATCH LINE STA. 15+00.00



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

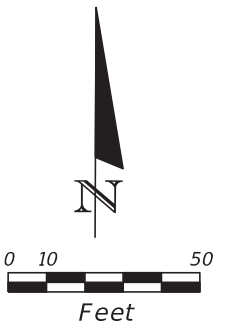
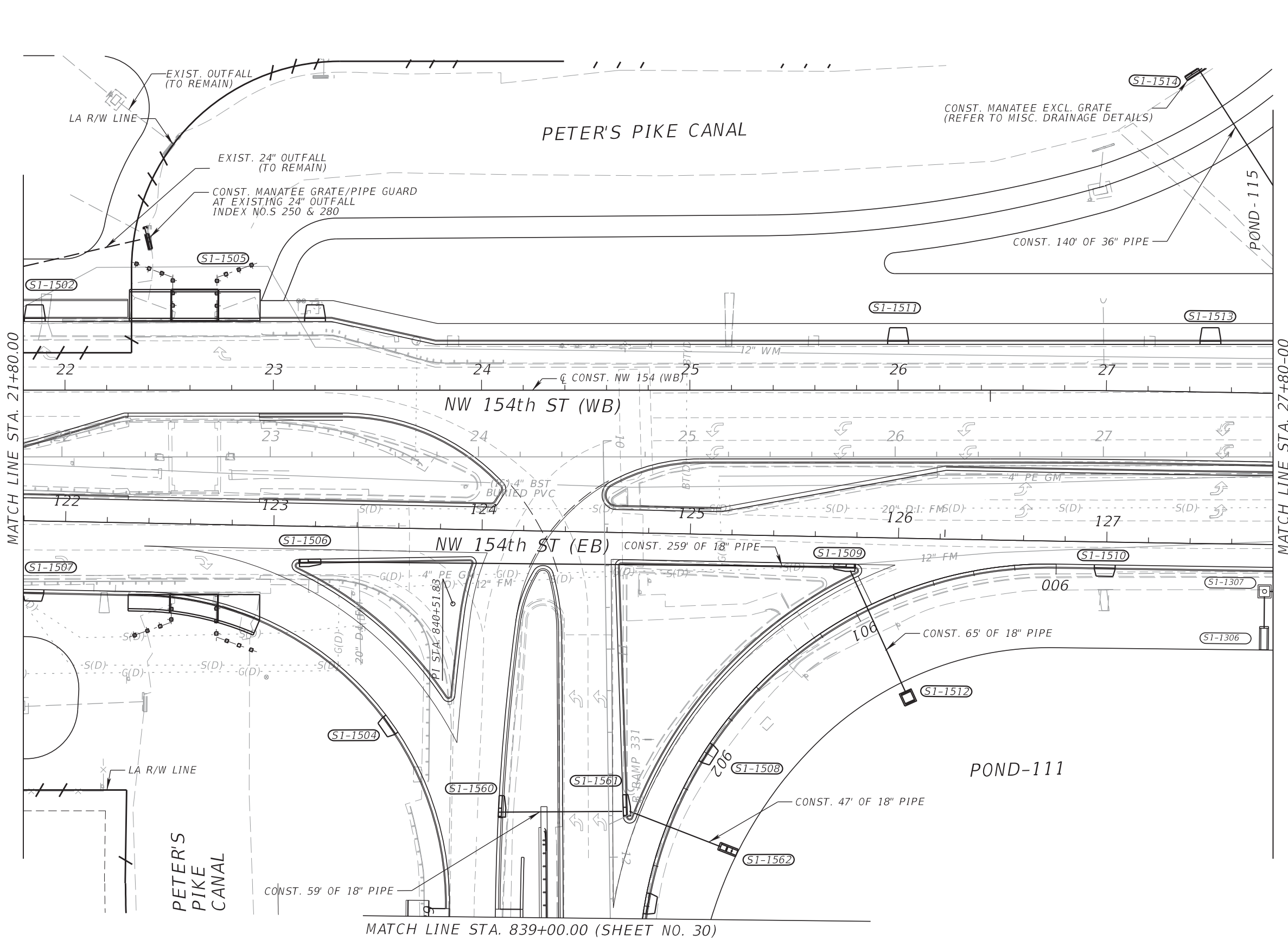
RIBBECK ENGINEERING, INC.
 14335 SW 120 STREET, SUITE 205
 MIAMI, FLORIDA 33186
 TEL. (305) 383-5909
 FBPE C.A. NO. 27592
 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

DRAINAGE PLAN

SHEET NO.
211

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



MATCH LINE STA. 21+80.00

MATCH LINE STA. 27+80.00

MATCH LINE STA. 839+00.00 (SHEET NO. 30)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

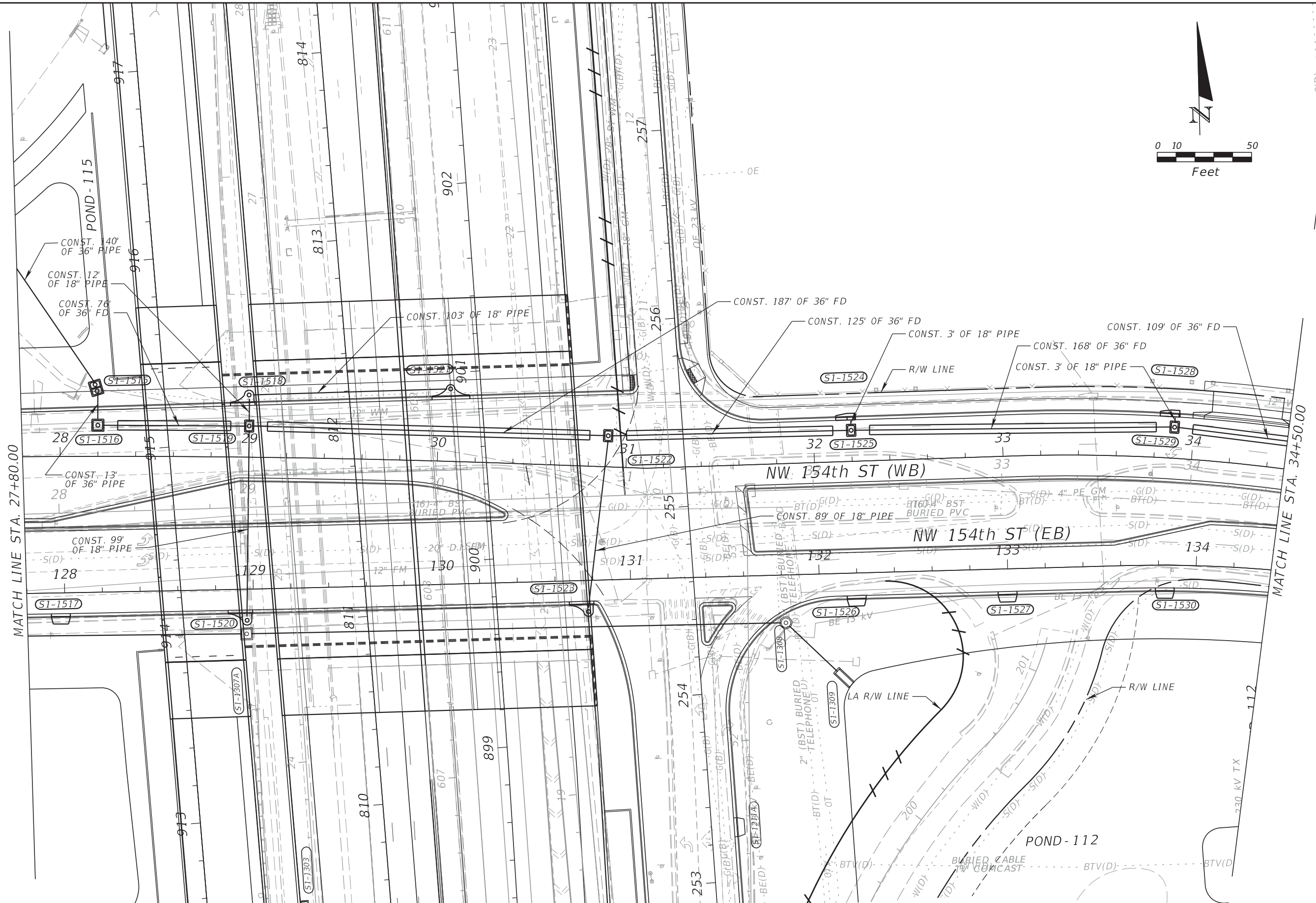
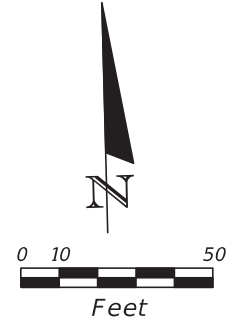
RIBBECK ENGINEERING, INC.
 14335 SW 120 STREET, SUITE 205
 MIAMI, FLORIDA 33186
 TEL. (305) 383-5909
 FBPE C.A. NO. 27592
 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

DRAINAGE PLAN

SHEET NO.
213

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



MATCH LINE STA. 27+80.00

MATCH LINE STA. 34+50.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

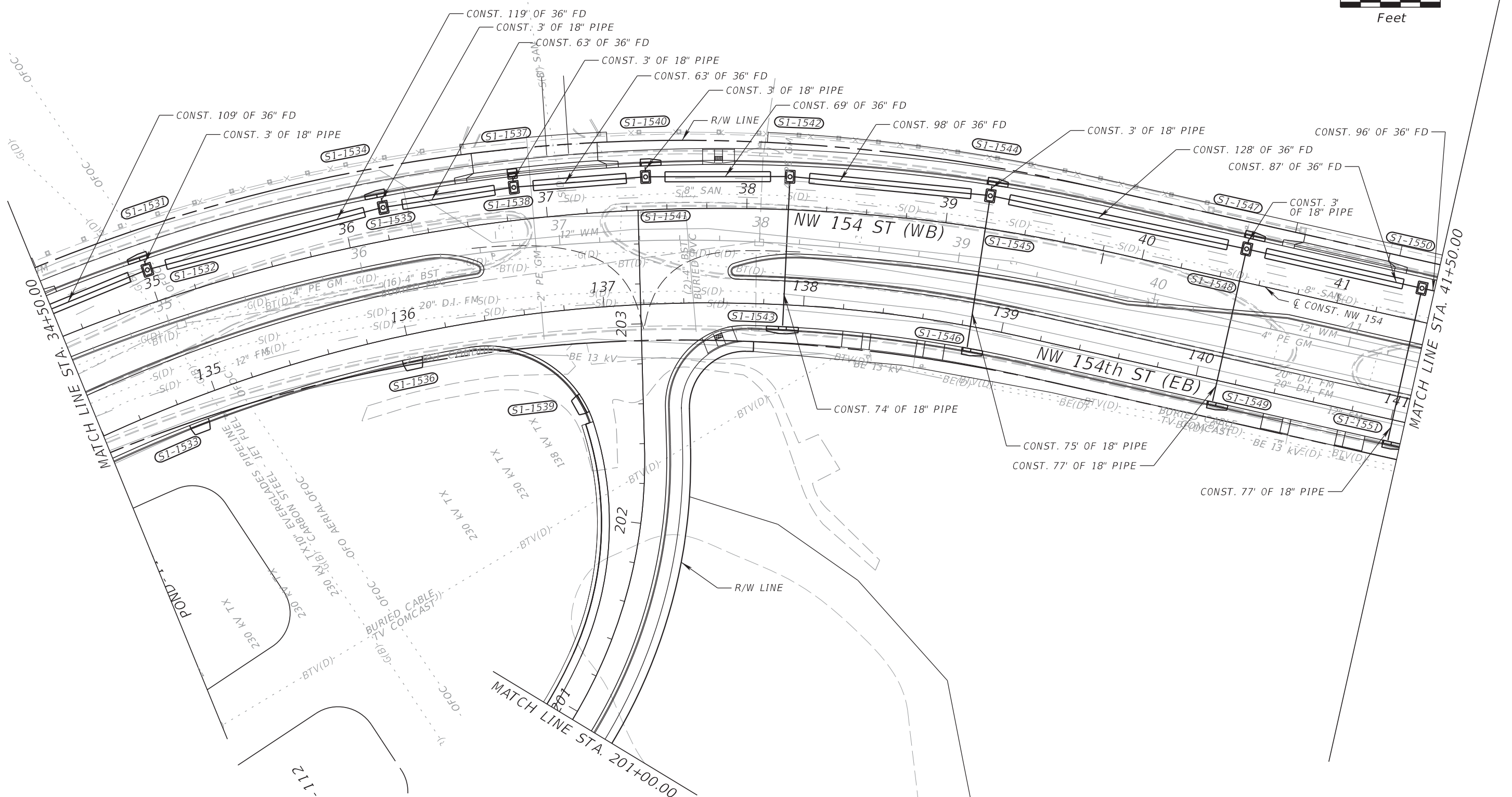
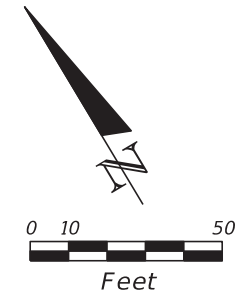
RIBBECK ENGINEERING, INC.
 14335 SW 120 STREET, SUITE 205
 MIAMI, FLORIDA 33186
 TEL. (305) 383-5909
 FBPE C.A. NO. 27592
 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 826	MIAMI-DADE	435760-1-52-01

DRAINAGE PLAN

SHEET NO.
214

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



REVISIONS				RIBBECK ENGINEERING, INC. 14335 SW 120 STREET, SUITE 205 MIAMI, FLORIDA 33186 TEL. (305) 383-5909 FBPE C.A. NO. 27592 CARLOS F. RIBBECK, P.E. LICENSE NO. 50543	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 215
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 826	MIAMI-DADE	435760-1-52-01	

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

G. Long Range Estimates (LRE)

FDOT Long Range Estimating System - Production

R4: Project Details Composite Report By Component

Project: 446239-1-52-01

Letting Date: 03/2025

Description: SR 826 FRONTAGE ROAD AT NW 77TH COURT

District: 06 County: 87 MIAMI-DADE

Project Manager: DE LA CRUZ, JOAQUIN

Version 1-P

Project Grand

\$2,837,980.02

Total

Description: SR 826 FRONTAGE ROAD AT NW 77TH COURT

EARTHWORK COMPONENT**Pay Items**

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
110-1-1	CLEARING & GRUBBING	2.64 AC	\$76,207.10	\$201,186.74
110-4-10	REMOVAL OF EXIST CONC	1,140.00 SY	\$19.06	\$21,728.40
110-22	TREE ROOT AND BRANCH PRUNING	12.00 EA	\$1,488.02	\$17,856.24
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	3,734.77 CY	\$27.29	\$101,921.87
120-6	EMBANKMENT	4,000.00 CY	\$24.14	\$96,560.00
145-1	GEOSYNTHETIC REINFORCED SOIL SLOPE	86,000.00 SF	\$0.46	\$39,560.00
Earthwork Component Total				\$478,813.26

ROADWAY COMPONENT**Pay Items**

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
145-71	REINFORCEMENT GRID FOR SOIL STABILIZAT	1,800.00 SY	\$10.00	\$18,000.00
160-4	TYPE B STABILIZATION	3,006.13 SY	\$8.61	\$25,882.78
285-709	OPTIONAL BASE,BASE GROUP 09	2,113.81 SY	\$31.18	\$65,908.60
327-70-8	MILLING EXIST ASPH PAVT,2 1/2" AVG DEPTH	9,658.88 SY	\$4.08	\$39,408.23
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	272.65 TN	\$140.48	\$38,301.87
334-1-53	SUPERPAVE ASPH CONC, TRAF C, PG76-22	796.86 TN	\$147.08	\$117,202.17
337-7-82	ASPH CONC FC,TRAFFIC C,FC-9.5,PG 76-22	531.24 TN	\$165.50	\$87,920.23
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	163.59 TN	\$189.23	\$30,956.14
339-1	MISCELLANEOUS ASPHALT PAVEMENT	104.67 TN	\$286.84	\$30,023.54
536-1-1	GUARDRAIL- ROADWAY, GEN TL-3	3,100.00 LF	\$22.69	\$70,350.00
536-85-24	GUARDRAIL END TREATMENT- PARA APP TERM	4.00 EA	\$2,971.68	\$11,886.72

706-1-3	RAISED PAVMT MARK, TYPE B	171.00 EA	\$3.58	\$612.18
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	2.28 GM	\$857.26	\$1,954.55
710-11-231	PAINTED PAVT MARK,STD,YELLOW,SKIP,6"	0.68 GM	\$380.91	\$259.02
711-11-123	THERMOPLASTIC, STD, WHITE, SOLID, 12"	700.00 LF	\$1.76	\$1,232.00
711-11-124	THERMOPLASTIC, STD, WHITE, SOLID, 18"	300.00 LF	\$2.59	\$777.00
711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	400.00 LF	\$3.57	\$1,428.00
711-11-170	THERMOPLASTIC, STD, WHITE, ARROW	25.00 EA	\$56.41	\$1,410.25
711-11-224	THERMOPLASTIC, STD, YELLOW, SOLID, 18"	1,200.00 LF	\$2.60	\$3,120.00
711-14-123	THERMOPLASTIC, PREFORM, WHITE, SOLID,12"	700.00 LF	\$9.92	\$6,944.00
711-14-125	THERMOPLASTIC, PREFORM, WHITE, SOLID,24"	300.00 LF	\$16.48	\$4,944.00
711-16-201	THERMOPLASTIC, STD-OTH,YELLOW, SOLID, 6"	1.86 GM	\$4,098.65	\$7,623.48

EX-Items

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
999-25	INITIAL CONTINGENCY AMOUNT, DO NOT BID	1.00 LS	\$400,000.00	\$400,000.00
Roadway Component Total				\$966,144.75

SHOULDER COMPONENT

Pay Items

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
104-10-3	SEDIMENT BARRIER	3,569.28 LF	\$2.17	\$7,745.34
104-11	FLOATING TURBIDITY BARRIER	33.80 LF	\$14.79	\$499.90
104-12	STAKED TURBIDITY BARRIER- NYL REINF PVC	33.80 LF	\$12.78	\$431.96
104-15	SOIL TRACKING PREVENTION DEVICE	1.00 EA	\$1,372.15	\$1,372.15
104-18	INLET PROTECTION SYSTEM	33.00 EA	\$117.15	\$3,865.95
107-1	LITTER REMOVAL	21.55 AC	\$20.99	\$452.33
107-2	MOWING	6.55 AC	\$26.79	\$175.47
160-4	TYPE B STABILIZATION	2,700.00 SY	\$8.61	\$23,247.00
285-702	OPTIONAL BASE,BASE GROUP 02	3,200.00 SY	\$18.46	\$59,072.00
520-1-10	CONCRETE CURB & GUTTER, TYPE F	1,474.96 LF	\$28.51	\$42,051.11
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	1,870.29 SY	\$43.59	\$81,525.94
522-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6"	190.00 SY	\$57.24	\$10,875.60
527-2	DETECTABLE WARNINGS	180.00 SF	\$29.43	\$5,297.40
570-1-2	PERFORMANCE TURF, SOD	4,441.60 SY	\$5.44	\$24,162.30
Shoulder Component Total				\$260,774.46

DRAINAGE COMPONENT

Pay Items

Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
425-1-351	INLETS, CURB, TYPE P-5, <10'	13.00 EA	\$6,375.58	\$82,882.54
425-1-451	INLETS, CURB, TYPE J-5, <10'	4.00 EA	\$7,267.18	\$29,068.72
425-1-521	INLETS, DT BOT, TYPE C, <10'	2.00 EA	\$4,677.33	\$9,354.66
425-1-541	INLETS, DT BOT, TYPE D, <10'	10.00 EA	\$6,681.22	\$66,812.20
425-2-41	MANHOLES, P-7, <10'	2.00 EA	\$4,824.91	\$9,649.82
425-5	MANHOLE, ADJUST	10.00 EA	\$651.72	\$6,517.20
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	656.00 LF	\$117.56	\$77,119.36
443-70-4	FRENCH DRAIN, 24"	300.00 LF	\$166.83	\$50,049.00
570-1-1	PERFORMANCE TURF	173.28 SY	\$0.86	\$149.03
Drainage Component Total				\$331,602.52

SIGNING COMPONENT

Pay Items				
Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	21.00 AS	\$340.72	\$7,155.12
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	2.00 AS	\$1,063.62	\$2,127.24
700-1-60	SINGLE POST SIGN, REMOVE	21.00 AS	\$22.86	\$480.06
700-3-204	SIGN PANEL, F&I OM, 31-50 SF	2.00 EA	\$2,488.77	\$4,977.54
705-10-3	OBJECT MARKER, TYPE 3	4.00 EA	\$391.82	\$1,567.28
Signing Component Total				\$16,307.24

LIGHTING COMPONENT

Pay Items				
Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	1,784.64 LF	\$15.06	\$26,876.68
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	554.22 LF	\$22.40	\$12,412.53
635-2-11	PULL & SPLICE BOX, F&I, 13" X 24"	17.00 EA	\$737.10	\$12,530.63
639-1-122	ELECTRICAL POWER SRV,F&I, UG,PUR CONT	1.00 AS	\$3,433.88	\$3,433.88
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	12,219.99 LF	\$3.29	\$40,211.93
715-11-211	LUMINAIRE ,F&I-REP EXIST, RDWY, COBRA H	4.00 EA	\$1,276.14	\$5,104.56
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	23.00 EA	\$954.37	\$21,950.48
Lighting Component Total				\$122,520.69

SIGNALIZATIONS COMPONENT

Pay Items				
Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
649-21-10	STEEL MAST ARM ASSEMBLY, F&I, 60'	2.00 EA	\$51,272.28	\$102,544.56
654-2-12	MID BL: RECT RAPI FL BEA, F&I AC,BB SIGN	2.00 AS	\$12,704.12	\$25,408.24

Date: 11/3/2022 7:59:11 PM

FDOT Long Range Estimating System - Production

R4: Project Details Composite Report By Component

Project: 446239-1-52-01

Letting Date: 03/2025

Description: SR 826 FRONTAGE ROAD AT NW 77TH COURT

District: 06 County: 87 MIAMI-DADE

Project Manager: DE LA CRUZ, JOAQUIN

Version 1-P**Project Grand****\$2,837,980.02****Total**

Description: SR 826 FRONTAGE ROAD AT NW 77TH COURT

Project Sequences Subtotal**\$2,304,115.72**

102-1 MAINTENANCE OF TRAFFIC

10.00

\$230,411.57

101-1 MOBILIZATION

10.00

\$253,452.73

Project Sequences Total**\$2,787,980.02****Project Unknowns**

0.00%

\$0.00

Design/Build

0.00%

\$0.00

Non-Bid Components:**Pay item Description****Quantity Unit****Unit Price****Extended Amount**

999-25 INITIAL CONTINGENCY AMOUNT (DO NOT BID)

1.00 LS

\$50,000.00

\$50,000.00

Project Non-Bid Subtotal

\$50,000.00

Version 1-P Project Grand Total**\$2,837,980.02**