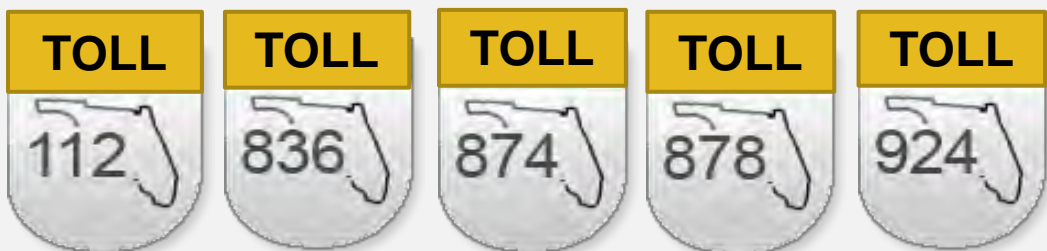


# Annual Inspection Report 2020





# ANNUAL INSPECTION REPORT

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In 1996, the Miami-Dade Expressway Authority (MDX) acquired operational and financial control of five expressways in Miami-Dade County from the Florida Department of Transportation (FDOT). This group of expressways, toll facilities and the MDX headquarters facility, all as described below, are **hereinafter referred to as the "MDX System"**. In accordance with the Trust Indenture requirements, MDX retained EAC Consulting, Inc. (EAC), as the General Engineering Consultant to perform, among other duties assigned by the Authority, the yearly inspection of the MDX System. This report represents the annual inspection results for Fiscal Year (FY) 2020.

As detailed in the following sections, EAC Consulting has found the MDX System to be in good working order and condition.

## 1.0 OVERVIEW

### 1.1 MDX System Background

- The MDX system consists of the five Expressways originally transferred by the FDOT. On February 1, 2012, the right-of-way purchase and the road operational transfer of NW 138<sup>th</sup> Street was completed between the Miami-Dade County and the Miami-Dade Expressway Authority. The right-of-way limits are from West Okeechobee Rd. (US-27) to the Florida Department of Transportation Right-of-Way at I-75.

All corridors are listed below and depicted in *Location Map No. 1*

- Airport Expressway (SR 112) from the Miami International Airport to NW 12<sup>th</sup> Avenue.
- Dolphin Expressway (SR 836) from NW 137<sup>th</sup> Avenue to I-95 Including the 42<sup>nd</sup> Avenue CD Roads.
- Don Shula Expressway (SR 874) from Florida's Turnpike to the Palmetto Expressway (SR 826).
- Snapper Creek Expressway (SR 878) from SR 874 Don Shula Expressway to South Dixie Highway (US 1).
- Gratigny Parkway (SR 924) from the Palmetto Expressway (SR 826) to NW 27<sup>th</sup> Avenue
- NW 138<sup>th</sup> Street from West Okeechobee Road (US-27) to the Florida Department of Transportation Right-of-Way at I-75.

MDX is responsible for the maintenance, operations and improvements of all roadways and facilities within the MDX System. Routine maintenance functions, for roadway and facility maintenance, are addressed through the Asset Maintenance Contractor. Systemwide maintenance for the tolling system is being provided by the Toll Systems Integrator (Transcore).

Maintenance for the ITS infrastructure is performed via a combination of MDX in-house staff for preventive and routine maintenance, and Transcore for specialty work on an as needed basis.

The inspection requirements for the MDX System were developed from the criteria set forth by the Trust Indenture. The bond method of funding mandates compliance with several requirements to be performed by MDX on a regular basis. These requirements are as follows:

1. Periodic inspections of all transportation corridors including their components, such as roadways, bridges, drainage structures, etc.
2. Detailed inspections of the toll collection facilities and equipment.
3. Development of the Operation and Maintenance budgets for efficient and safe operations of the toll road facilities.
4. Review of the traffic and earnings of each toll road to determine sufficiency of debt coverage.

This report provides compliance with items 1 and 2 noted above and summarizes information intended to aid MDX in the development of Item 3. Item 4 is addressed by others under a separate report.

## **1.2 Annual Inspection Program Objective**

The Annual Inspection is conducted to provide MDX with an assessment of the overall condition of the MDX System, and identifies specific work needs and deficiencies. The objectives of the inspection program are:

1. Collect information and make observations in each of the areas outlined.
2. Analyze the data.
3. Determine whether or not system needs are adequately addressed in the current MDX maintenance program or Renewal & Replacement and Improvement Programs.
4. Provide an overall assessment of the condition of the system.

The process used consists of a visual inspection of the infrastructure's condition throughout the roadway system and its facilities. The summary of the inspection provides information on the operational and overall condition of each roadway structure and building facility.

This data is combined with MDX funding capability in the development of a prioritized repair and improvement budget and program. This report is intended to clearly identify and make recommendations regarding specific needs that are not currently addressed in the MDX Maintenance Program or Work Program.

## **1.3 Annual Inspection Program Scope**

To accomplish the objective of this inspection program, the following format was followed to collect the data, assess conditions and provide information for inclusion in MDX's Maintenance and Work Programs:

1. An inventory system was developed to collect data in order to record the conditions and assess the necessary repairs/maintenance of all facilities of the MDX System.
2. A systemwide inspection was conducted to identify the condition of roadway components such as pavement, drainage structures, barrier wall, noise wall, mechanically stabilized earth wall, guardrail, lighting, signing, pavement markings, retro reflective pavement markers, fencing and landscaping.

3. A systemwide inspection was also conducted to identify the condition of building facilities, which includes roofs, walls, floors, lighting, HVAC, electrical systems, windows, doors, parking areas and landscaping.
4. A systemwide inspection was conducted to identify the condition of ITS and tolling components such as field equipment, pull boxes, fiber optic route markers, splice vaults, concrete aprons, loop detectors and all appurtenances. Monitoring of tolling equipment itself is performed by the Maintenance Online Management System (MOMS), a software program, which tracks and notifies MDX of any malfunctions with the components of the system.
5. The inspections of bridges, overhead sign structures, Open Road Tolling (ORT) gantry structures and High Mast Lighting were conducted by independent structural inspection firms certified by the State of Florida providing services to MDX under separate Contract - Inspections & Reporting Services for MDX Structures. Data from these structural inspection reports were relied upon for this report as allowed by the Trust Indenture.
6. The identified work needs and repair items were transferred to the detailed Data Collection Sheets and supplemented with photographs taken of typical conditions to visually record the observed conditions. Any condition adequately being addressed as part of the routine maintenance program or in on-going MDX projects was cross-referenced to the appropriate MDX Project/Contract Number.
7. A list of repairs or improvements not specifically addressed as part of the routine maintenance or under current MDX Projects was then prepared. This list is presented in the 'Recommendations' section of this report.

EAC will continue to assist, as required, in the development of a maintenance and/or repair program. The maintenance program will be dependent on current and future funding, as well as urgency of maintenance requirements.

#### **1.4 Performance Measures**

MDX utilizes the Florida Department of Transportation's Maintenance Rating Program (MRP) to assess the overall condition of its roadway system. The MRP provides a method of conducting a visual and mechanical evaluation of routine highway maintenance conditions. Inspection scores are weighed in accordance with FDOT procedures based on Element Type and Facility Type. MDX facilities such as SR 112, SR 836, SR 874, SR 878, and SR 924 are classified as "Urban Limited Access" and MDX facility such as NW 138<sup>th</sup> St is classified as "Urban Principal Arterial".

The purpose of this evaluation is to provide information that can be used to schedule and prioritize routine maintenance activities and to provide uniform maintenance conditions that meet established objectives. Additionally, the MRP provides a uniform means of comparing one roadway facility to another or of comparing prior inspections on the same facility. General program requirements are outlined in the Maintenance Rating Program Handbook published by the Florida Department of Transportation. MRP inspections are performed 3 times per year consistent with FDOT procedures. MDX performs additional MRP inspections three times per year above and beyond FDOT requirements to capture conditions on bridges and ramps not addressed by FDOT. This task is jointly performed by MDX staff and an independent inspection firm. Both MDX staff and the inspection firm are trained and certified by FDOT in MRP inspections. The MRP results are obtained from the 3 FDOT inspections.

The MDX Performance Criteria Requirement is an overall Fiscal Year MRP score of 91. The MDX Asset Maintenance Contract contains significant financial disincentives in the event the Asset Maintenance Contractor does not maintain the MDX roadway system at or above this minimum rating level.



The MDX's FY 2020 MRP results are provided in *Table - 1* below.

TABLE – 1		
MRP Data Results FY 2020		
No.	Date	Results
1	July 2019	87.3
2	November 2019	85.4
3	March 2020	90.7
	FY 2020 Overall	87.8

Source: MDX

The year-end MRP overall score of 87.8 does not meet the required Performance Criteria Goal of 91.

The overall MRP ratings failed to meet the MDX performance requirements of the contract. This is mainly due to points within Traffic Services, specifically pavement markings, striping and lighting. The agency is working to correct the reported deficiencies. The improvements include new pavement markings for the SR 924 corridor, which have been upgraded to all-weather thermoplastic, as well as all-weather high- performance tape, with contrast on all bridges. MDX is in the process of retrofitting the High-Pressure Sodium streetlights with LED luminaires.

MDX has chosen to reprocore the Asset Maintenance Contract, in part due to the sub-standard MRP scores that the contractor has not been able to correct throughout subsequent MRP inspections. However, due to the pending resolution of litigations with the State of Florida, MDX has temporarily replaced the asset maintenance contractor with multiple emergency push button contracts, for fiscal year 2021. Otherwise these deficiencies would be addressed by the new Asset Maintenance Contractor.



## 1.5 Maintenance and Improvements Projects

Table - 2 highlights Renewal and Replacement, Capital Improvement Projects and Transportation Improvement Projects that are scheduled to begin construction during MDX's adopted 2020-2024 Work Program.

Scheduled Renewal & Replacement and Capital Improvements Projects Work Program FY 2020-2024			
NO.	MDX WORK PROGRAM NO.	DESCRIPTION OF PROJECT	ESTIMATED CONSTRUCTION PROJECT COST (000's)
1	30029	Systemwide Bridge Rehabilitation and Joint Repairs	\$4,126
2	30033	Systemwide Pavement Markings Rehabilitation (Phase II)	\$815
3	30037	Systemwide Class V Coating	\$7,555
4	30041	SR 878 LED Roadway Lighting	\$6,167
5	30042	SR 836 Replacement of High-Mast Lights with LED	\$308
6	30043	Systemwide ORT Gentries & Signature Structures Painting	\$1,660
7	30044	SR 878 Milling & Resurfacing from 87th Avenue to U.S. 1	\$2,752
8	30047	Systemwide Structures Rehabilitation	\$1,164
9	30052	MDX Headquarters Old Building Roof Replacement	\$279
10	30057	MDX Headquarters Chiller Replacement (Completed in August 2020)	\$389
11	40045	Wrong Way Safety Program (Scheduled to begin in August 2021)	\$3,732
12	83611-002	ORT Component for the SR 836 / I-95 Interchange Improvements	\$917
13	83634	SR 836 New HEFT Ramp Connections August 2022	\$42,379
TOTAL			\$72,243

Source: MDX FY 2020 – 2024 Work Program \*

*\*FY2021-2025 Five-Year Work Program is pending resolution of litigation with the State of Florida.*

## 2.0 ASSESSMENT OF EXPRESSWAYS AND TOLL FACILITIES

The assessment of the expressway and facilities operations and conditions is based on the inspection, data collection and data characterization by corridor for roadway features, tolling facilities and administration buildings. A system inspection of the entire length of each expressway in both directions of travel, toll facilities (except as noted otherwise) and the MDX headquarters building was performed by EAC. Additionally, toll personnel, MDX maintenance personnel, MDX maintenance contractor personnel and General Engineering Consulting staff involved in the Work Program development were interviewed for clarification of the scope for all projects included in the next five-year cycle.

The assessment classifies the inspection information and identifies work needs and necessary repairs. This process helps to determine whether or not the needs are being addressed in current MDX projects and assists in developing an implementation program for those needs not being addressed already. The following assessments are generated from the roadway, architectural, structural,



mechanical, electrical, Intelligent Transportation System (ITS) and landscaping inspection data sheets included in Appendix A (roadway) and Appendix B (facilities).

## 2.1 Expressway Descriptions

The Airport Expressway (SR 112), shown in *Location Map No. 2, Attachment No. 1*, provides access from northern Miami-Dade County to the Miami International Airport. SR 112 is a predominantly six-lane toll road.

The 2019 Calendar Year FDOT Annual Average Daily Traffic (AADT) for SR 112 identifies the road segment eastbound between North River Drive and NW 27<sup>th</sup> Avenue ramp as that with the highest amount of traffic on any given day, averaging 113,000 vehicles.

The Dolphin Expressway (SR 836), shown in *Location Map No. 3, Attachment No. 1*, is a toll road which serves as the main access to downtown Miami from the central and western areas of Miami-Dade County.

The 2019 Calendar Year FDOT AADT for SR 836 identifies the road segment eastbound between NW 72<sup>nd</sup> Avenue and NW 57<sup>th</sup> Avenue as that with the highest amount of traffic on any given day averaging 213,000 vehicles.

The Don Shula Expressway (SR 874), shown in *Location Map No. 4, Attachment No. 1*, provides access to the southwestern area of Miami-Dade County. This expressway has three northbound and three southbound lanes from Killian Parkway to the **Homestead extension of Florida's Turnpike**, five lanes northbound and southbound from Killian Parkway to SR 878 and three lanes north and southbound from SR 878 to the Palmetto Expressway (SR 826).

The 2019 Calendar Year FDOT AADT for SR 874 identifies the road segment northbound between Killian Dr. and SR 878 as that with the highest amount of traffic on any given day averaging 117,500 vehicles.

The Snapper Creek Expressway (SR 878), as shown in *Location Map No. 5, Attachment No. 1*, is located between the Don Shula Expressway (SR 874) and US-1. This is a four-lane divided toll road.

The 2019 Calendar Year FDOT AADT for SR 878 identifies the road segment eastbound between SW 87<sup>th</sup> Avenue and SW 72<sup>nd</sup> Avenue as that with the highest amount of traffic on any given day averaging 38,500 vehicles.

The Gratigny Parkway (SR 924), as shown in *Location Map No. 6, Attachment No. 1*, is located in northern Miami-Dade County between the Palmetto Expressway (SR 826) and NW 27<sup>th</sup> Avenue. SR 924 is a six-lane divided toll road.

The 2019 Calendar Year FDOT AADT for SR 924 identifies the road segment eastbound between the Palmetto Expressway and NW 57<sup>th</sup> Avenue as that with the highest amount of traffic on any given day averaging 70,000 vehicles.

NW 138<sup>th</sup> Street, as shown in *Location Map No. 7, Attachment No. 1*, is located in the City of Hialeah and Hialeah Gardens and it extends from Okeechobee Road/SR 25, to the Florida Department of Transportation Right-of-Way at I-75 with a typical section varying between five and six travel lanes.



The 2019 Calendar Year FDOT AADT for NW 138<sup>th</sup> Street identifies the road segment eastbound between NW 107<sup>th</sup> Avenue and Hialeah Gardens Drive as that with the highest amount of traffic on any given day averaging 26,500 vehicles.

#### 2.1.1 Examples of Completed/On-going Improvement Projects

Table - 3 Highlights of Renewal and Replacement, Transportation Improvement and Capital Improvement Projects which are ongoing or recently completed:

TABLE - 3			
Recently completed or On-Going Renewal & Replacement, Transportation Improvement and Capital Improvements Projects Work Program FY 2020 - 2024			
NO.	MDX WORK PROGRAM NO.	DESCRIPTION OF PROJECT	ACTUAL/ESTIMATED CONSTRUCTION PROJECT COST (000's)
1	10017	SR 836 Toll System Conversion (On-Going)	\$25,054
2	10021	Systemwide ITS Improvements (Completed)	\$497
3	11212	SR 112 Ramp Improvements at NW 37th Avenue (On Hold)	\$833
4	30034	SR 924 Milling & Resurfacing from SR 826 to MM 1.2 (Completed)	\$1,497
5	30056	Civil Infrastructure Modifications for Toll Zones on 874, 878 and 924 (Completed)	\$3,583
6	40041	SR 924 ORT System Replacement (Completed)	\$5,232
7	40042	SR 878 ORT System Replacement (Completed)	\$4,113
8	40043	SR 874 ORT System Replacement (Completed)	\$8,810
9	40044	SR 924 Drainage Improvements at NW 32nd Avenue (Completed)	\$1,982
10	50001	Dolphin Station Park & Ride (MDT/FDOT Funded) (Completed)	\$20,812
11	83611-001	SR 836 / I-95 Interchange Improvements (On-Going)	\$243,181
12	83618-001	SR 836 SW Extension / Kendall Parkway - Project Development & ROW (On-Going)	\$107,881
13	83628	SR 836 Operational, Capacity and Interchange Improvements (Completed)	\$195,456
14	83629	SR 836 Interchange Modifications at NW 87th Avenue (Completed)	\$102,865
15	87410	SR 874 Ramp Connector to SW 128th Street (On-Going)	\$114,079
TOTAL			\$835,875

Source: MDX FY 2020 – 2024 Work Program \*

The following is a brief explanation of on-going Renewal & Replacement, Transportation Improvement or Capital Improvements Projects.

MDX Work Program No. 10017 – SR 836 Toll System Conversion consists of the conversion of the existing toll system on SR 836 to an Open Road Tolling (ORT) system and the deployment of new toll zones under MDX Roadway Improvement projects 83628 and 83629 etc. Construction began in April 2015 and was completed in October 31, 2020. Refer to project Photo # 1.

MDX Work Program No. 83611 – SR 836 / I-95 Interchange Improvements consists of double-decking SR 836, beginning just east of the toll gantry at NW 17<sup>th</sup> Avenue, rising over the median of SR 836, and touching down at I-395, east of the I-95 Interchange. The double-decked section will provide drivers with a direct connection to the MacArthur Causeway that is free of local entry and exit traffic. In addition, the existing eastbound SR 836 ramp to northbound I-95 will be widened to include an additional lane reducing the congestion that drivers currently experience. Photo # 2.

MDX Work Program No. 83628 – SR 836 Operational, Capacity and Interchange Improvements consists of a new SR 836 eastbound travel lane from NW 57<sup>th</sup> Avenue to NW 27<sup>th</sup> Avenue and a new westbound travel lane from NW 17<sup>th</sup> Avenue to NW 57<sup>th</sup> Avenue. The project also includes improvements to the interchanges at NW 57<sup>th</sup> Avenue, Le Jeune Road (NW 42<sup>nd</sup> Avenue), NW 27<sup>th</sup> Avenue and NW 17<sup>th</sup> Avenue. Construction began in April 2015 and was completed in July 31, 2020. Refer to project Photo # 3.

MDX Work Program No. 83629 – SR 836 Interchange Modifications at NW 87<sup>th</sup> Avenue consists of reconstruction of the NW 87<sup>th</sup> Avenue Interchange and SR 836 Mainline from 500 feet west of NW 82<sup>nd</sup> Avenue to the NW 97<sup>th</sup> Avenue overpass. Construction began in May 2016 and was completed in August 15, 2020. Refer to project Photo # 4.

MDX Work Program No. 87410 – SR 874 Ramp Connector to SW 128<sup>th</sup> Street consists of construction of the ramp connector from SR 874 to SW 128<sup>th</sup> Street and the reconstruction of SW 128<sup>th</sup> Street west of the Florida Turnpike to SW 137<sup>th</sup> Avenue. The HEFT Widening Project is constructing the MDX Bridge Connections between SW 128<sup>th</sup> Street and SR 874 within the limits of FTE Right of Way only and is currently an ongoing Design Build Project. Other improvements include the widening of SW 137<sup>th</sup> Avenue, to add an exclusive right and left turn lane into SW 128<sup>th</sup> Street, as well as the reconstruction of approximately 2000 linear feet of SW 127<sup>th</sup> Avenue to tie into the proposed improvements of SW 128<sup>th</sup> Street. Construction began in June 2015. Refer to project Photo # 5.

The SR 874 northbound mainline at the Killian Parkway Interchange, will be widened from two lanes to three lanes. This work was added to the on-going 87410 project. Construction began in May 2020.

MDX Procurement / Contract No. MDX-20-03 – Replacement of Chiller and Air Handler Units consists of design, permitting, installation and commissioning of the new chiller and air handler, to replace the aging units on the MDX headquarters building no. 2. The work includes installation of new wireless network and AHU controller, replacements of all VAV boxes, replacement of one chiller water pump and valves. Construction began in July 2020 and was completed in August 2020. Refer to project Photo # 6.



# PHOTO 1

MDX WORK PROGRAM No. 10017

PROJECT DESCRIPTION: SR 836 Toll Conversion

PROJECT START: JULY 2013

PROJECT COMPLETION: ON-GOING



DOLPHIN EXPRESSWAY (SR - 836)

EXAMPLE OF TOLL SYSTEM CONVERSION

# PHOTO 2

MDX WORK PROGRAM No. 83611

PROJECT DESCRIPTION: SR 836 / I-95 INTERCHANGE IMPROVEMENTS

PROJECT START: JULY 2019

PROJECT COMPLETION: ON-GOING



DOLPHIN EXPRESSWAY (SR - 836)

EXAMPLE OF BRIDGE CONSTRUCTION



# PHOTO 3

MDX WORK PROGRAM No. 83628

PROJECT DESCRIPTION: SR 836 OPERATIONAL, CAPACITY AND INTERCHANGE IMPROVEMENTS

PROJECT START: APRIL 2015

PROJECT COMPLETION: JULY 2020



DOLPHIN EXPRESSWAY (SR- 836)

EXAMPLE OF ROADWAY AND BRIDGE CONSTRUCTION



# PHOTO 4

MDX WORK PROGRAM No. 83629

PROJECT DESCRIPTION: SR 836 INTERCHANGE MODIFICATIONS AT NW 87<sup>TH</sup> AVENUE

PROJECT START: MAY 2016

PROJECT COMPLETION: AUGUST 2020



DOLPHIN EXPRESSWAY (SR - 836) / NW 87<sup>TH</sup> AVENUE INTERCHANGE

EXAMPLE OF ROADWAY AND BRIDGE CONSTRUCTION



# PHOTO 5

MDX WORK PROGRAM No. 87410

PROJECT DESCRIPTION: SR 874 RAMP CONNECTOR TO SW 128<sup>TH</sup> STREET

PROJECT START: JUNE 2015

PROJECT COMPLETION: ON-GOING



DON SHULA EXPRESSWAY (SR - 874) / **FLORIDA'S TURNPIKE**

EXAMPLE OF ROADWAY & BRIDGE CONSTRUCTION

# PHOTO 6

MDX PROCUREMENT / CONTRACT No. MDX-20-03

PROJECT DESCRIPTION: REPLACEMENT OF CHILLER AND AIR HANDLER

PROJECT START: JULY 10, 2020

PROJECT COMPLETION: AUGUST 31, 2020



MDX HEADQUARTERS BUILDING 2

EXAMPLE OF NEW CHILLER AND AIR HANDLER UNIT REPLACEMENTS



## 2.2 Inspection

The findings of the MRP for each expressway and facility show that the level of maintenance did not meet the performance criteria goal of 91. The MRP substandard scores are related to deteriorated striping, Raised Pavement Markers (RPM's), overhead sign structure lighting and litter. However, the overall condition of the roadways, it's structural components and associated facilities are all in good condition.

The following sections give an overview of the inspection observations. The observation details are entered into the data sheets within which findings are highlighted. The inspection data collection sheets provide information on specific roadway (Appendix A) and facility observations (Appendix B); only items identified as current needs are included on these data sheets.

The overall analysis of the assets on a given expressway, or of the MDX System as a whole, is a subjective assessment based on the following:

1. Consideration of the number and type of needs identified in relation to the expressway length.
2. Determination as to whether the work or repair needs are being adequately addressed under current MDX projects/contracts.
3. Consideration of the expressway classification (all MDX expressways are classified as Urban Limited Access).
4. Consideration of the Average Annual Daily Traffic (AADT);
5. Acknowledgement that at any given point in time there will be a "normal" backlog of items resulting from vehicular impact damage awaiting repair.
6. Consideration that in this region, hurricane damage is typically a factor to potentially contend with during any given year.

### 2.2.1 Roadway Assessment

#### 2.2.1.1 ROADWAY

The results of the inspections of the roadways within the MDX System indicate that most of the pavement is new and / or in good condition.

Concrete pavement areas on the east end of SR 836 from NW 7<sup>th</sup> Avenue to NW 12<sup>th</sup> Avenue are from original construction and exhibit cracking and repetitive repairs of potholes. Correction of concrete pavement deficiencies has been included in MDX Work Program Project No. 83611 Construction began in July 2019.

#### 2.2.1.2 DRAINAGE

The drainage system is in good condition on all corridors. The drainage structures and culverts throughout SR 112, SR 836, SR 874, SR 878 & SR 924. were recently cleaned and desilted. Minor ponding and flooding were observed on the east end of SR 836, due to the on-going construction for MDX Work Program Project No. 83611. This issue is being routinely addressed by the project's prime contractor.

Also, drainage improvements on the east-end of SR 924 at NW 32<sup>nd</sup> Avenue, were addressed by MDX Work Program No. 40044. On SR 836, from NW 22<sup>nd</sup> Avenue to NW 57<sup>th</sup> Avenue, the drainage



system was upgraded as part of MDX Work Program Project No. 83628 and from NW 82<sup>nd</sup> Avenue to NW 87<sup>th</sup> Avenue, as part of MDX Work Program Project No. 83629.

#### 2.2.1.3 STRUCTURAL

With regards to bridges, extensive and detailed inspections are performed on a bi-annual basis for MDX through the Inspections & Reporting Services for MDX Structures contract by (Tran-Systems Corporation Consultants & Marlin Engineering, Inc.). Inspections are required to be performed bi-annually by a Florida certified bridge inspection/engineering firm. MDX has chosen to group these inspections into two 2-year cycles for the purposes of tracking and programming. The Asset Management Contractor performed maintenance of the MDX System including routine bridge repairs before their contract expiration on June 30, 2020. MDX reported to the Florida Transportation Commission that 85% of its bridges were rated as good or better according to FDOT Structural Condition Appraisal rating criteria and no bridges have posted weight restrictions for FY 2020. Refer to Figure 1 for a summary of the Bi-Annual Bridge Condition Assessment.

All toll gantry structural components such as columns, mono-tubes, flange connections and hardware, are in excellent conditions. The surface paint show signs of deterioration systemwide. These structures are scheduled to be repainted per the long-range R & R program under MDX Work Program No. 30043. Inspections are performed on a bi-annual basis through the Inspection and Reporting Services for MDX Structures Contract referenced above.

Roadway structural components that include curbs, gutters, noise walls, MSE walls and barrier walls are in good to excellent condition. Any vehicular impact damage to the barrier walls is being addressed through routine maintenance.

#### 2.2.1.4 BARRIERS AND FENCES

The Limited-Access fencing is generally in good condition systemwide. There are some access gates throughout the MDX system that require minor adjustments for smooth operation due to routine usage. There are some fence gates systemwide, where combination locks are missing or were cut. MDX maintenance is replacing all damaged and missing locks.

Attenuators are in excellent condition systemwide. Although the guardrail is in good condition systemwide, there is normally a backlog of accident related locations where the guardrail is damaged.

#### 2.2.1.5 PAVEMENT MARKINGS AND SIGNAGE

The majority of existing multi-post and overhead signs are in good condition systemwide. There are a few multi-post sign panels systemwide, which will be replaced, due to deteriorated reflective sheeting. Reflective Pavement Markers (**RPM's**) for the most part are in fair condition systemwide, except for SR 836 between NW 22<sup>nd</sup> avenue and NW 97<sup>th</sup> avenue, which were recently replaced in August 2020, as part of MDX Work Program under Projects 83628 & 83629. Project 30033 will address the deficiencies with new pavement markings.

#### 2.2.1.6 ELECTRICAL (ROADWAY LIGHTING)

The roadway lighting system is in good condition. Improvements on SR 836 from NW 22<sup>nd</sup> Avenue to NW 57<sup>th</sup> Avenue and from NW 82<sup>nd</sup> Avenue to NW 97<sup>th</sup> Avenue, as part of the MDX Work Program Projects 83628 & 83629 were recently completed. The east-end of SR 836 from NW 7<sup>th</sup> Avenue to NW 17<sup>th</sup> Avenue, will be completed as part of the MDX Work Program Project 83611.

Other improvements such as the conversion of street lighting from high pressure sodium (HPS) to LED Energy Efficient Lighting along the SR 836 mainline from NW 22<sup>nd</sup> Avenue to NW 57<sup>th</sup> Avenue was completed in July 2020, as part of MDX Work Program Project 83628 and from NW 82<sup>nd</sup> Avenue to NW 87<sup>th</sup> Avenue, was completed in August 2020, as part of MDX Work Program 83629. The remaining section of SR 836 from NW 97<sup>th</sup> Avenue, west to NW 137<sup>th</sup> Avenue, was completed in June 2019. Also, on SR 874 from SW 104<sup>th</sup> St. (Killian Parkway), to the SR 826 (Palmetto Expressway), was completed in May 2020.

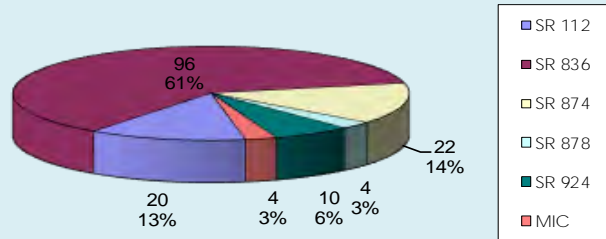
#### 2.2.1.7 INTELLIGENT TRANSPORTATION SYSTEM (ITS)

Intelligent Transportation Systems (ITS) components such as CCTV cameras, Microwave Vehicles Detection System (MVDS) and Dynamic Message Signs (DMS) with the corresponding control cabinets are in good operational condition systemwide. All damaged fiber route markers systemwide have been repaired or replaced. All damaged and missing concrete aprons for the ITS pull boxes have been replaced or installed. Improvements on SR 836 at NW 87<sup>th</sup> Avenue and from NW 57<sup>th</sup> Avenue to NW 17<sup>th</sup> Avenue, have been completed as part of MDX projects 83628 and 83629.

# Bi-Annual Bridge Condition Assessment Summary Assessment of MDX Bridges Resulting from the 2020/2021 Bridge Inspection Cycle \*

Total Number of Bridges within the MDX system: 156\*

Number of Bridges



\*Total Includes culverts classified as Bridges/Physical Condition counts do not include culverts

Bridges with Posted Weight Restrictions: 0

Bridge Sufficiency Ratings

Bridges that are Structurally Deficient\*: 0

Bridges that are Functionally Obsolete\*: 31

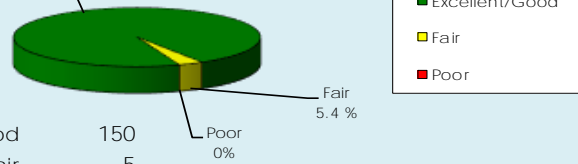
Average Bridge Age: 19 years

Oldest: 60 years

## Bridge Physical Condition Summary

Bridge Condition

Excellent/Good  
94.6 %



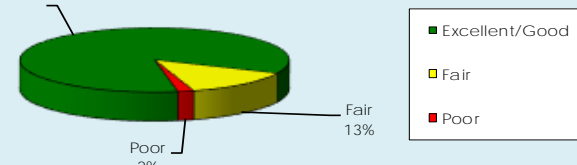
Excellent/Good  
Fair  
Poor

150  
5  
0

## Structural Condition Appraisal

Structural Condition Appraisal

Excellent/Good  
85%



Excellent/Good  
Fair  
Poor

132  
21  
3

### \*NOTES

1. Each of the 156 Bridges on the MDX System is inspected in detail every 2 years by a Florida Certified Bridge Inspection Firm. This information is recorded in the Florida Bridge Management System (BRM) and reported annually to FHWA.
2. All information displayed above is extracted directly from BRM.
3. Structurally Deficient is a measure of condition that includes the Structural Adequacy & Safety, State of Deterioration, Load Capacity, Serviceability.
4. Functionally Obsolete is a measure of the geometry of a bridge compared to what would be constructed using today's bridge design standards.
5. Structural Condition Appraisal is a measure of how the structural components function compared to the original design.

Figure 1

Data as of 08/19/2020



#### 2.2.1.8 LANDSCAPING / AESTHETICS

Roadways are in good condition with regards to landscaping & aesthetics. There are isolated areas systemwide of graffiti, which are being addressed by MDX Maintenance emergency push button contracts. The area of SR 878 containing invasive and exotic vegetation, was removed by the previous asset maintenance contractor and new landscape installations were completed on May 2020.

#### 2.2.2 Facility / Buildings Assessment

##### 2.2.2.1 ARCHITECTURAL / STRUCTURAL

The administration buildings on SR 836, SR 878 and SR 924, are generally in good condition.

The exterior walls of the SR 836 Main Administration building at NW 17<sup>th</sup> Avenue, were retrofitted with the fascia panels removed from the old toll plaza and are in good condition. The acoustical ceiling tiles, walls and the doors are all in good condition. The terrazzo floor displays cracks and sporadic concrete patches but are well maintained. The roof is in good condition and there is no evidence of water intrusion.

The tunnel at the SR 836 / NW 17<sup>th</sup> Avenue main toll facility under the westbound roadway is structurally in good condition. The concrete walls and floor slab have minor cracks and there is no evidence of water intrusion.

The exterior panels of the SR 836 east and westbound Administration buildings at NW 97<sup>th</sup> Avenue, are in good condition. The acoustical ceiling tiles, walls, floors, and doors are all in good condition. The paint on the columns throughout the Toll Plaza, show signs of deterioration due to aging and there are some light fixtures that require repairs. The roof is in good condition and there is no evidence of water intrusion.

The SR 874 Administration building exterior brick walls, windows and doors are in good condition. The roof shows signs of aging and there is evidence of water intrusion in the interior walls of the restroom and along the door frame that provides access to the back of the property.

The SR 924 Administration building exterior stucco walls show minor cracks, vinyl tile floors, acoustical ceiling tiles, walls and the doors are all in good condition. The windows are in fair condition and the roof shows signs of aging; however, there is no evidence of water intrusion.

The MDX Headquarters exterior stucco walls, flooring, acoustical ceiling tiles, doors and windows are all in good condition. The painting of exterior walls, roof overhang and doors was completed in June 2020. The parking area pavement shows signs of aging but is in overall fair condition. The drainage structures have minor sedimentation and there is no evidence of flooding. On buildings 1 and 2, the roof show signs of aging, but there is no evidence of leaks. On building 2, there are a few areas, where blistering on the cap membrane was repaired and the temporary repairs are performing well. The roof on both buildings is scheduled for replacement during FY 2021 under Work Program No. 30052.

#### 2.2.2.2 MECHANICAL

The mechanical systems in the administration buildings systemwide are in good condition. The Chiller, HVAC units and the tracer monitoring system at MDX Headquarters were replaced in July 2020. The HVAC equipment receives cleaning and general routine maintenance. The Data Collection Shelters at the SR 836 NW 97<sup>th</sup> Avenue Toll Plaza and at NW 137<sup>th</sup> Avenue are equipped with HVAC back up units which will be replaced in FY 2021.

The SR 836 main administration building and NW 97<sup>th</sup> Avenue east and westbound administration buildings emergency generators are in good condition and receives general routine maintenance.

The SR 874 administration building emergency generator is in good condition. The generator muffler/exhaust system is insulated and shows minor signs of corrosion.

The SR 924 administration building emergency generator is in good condition and receives general routine maintenance.

HVAC Replacement at SR 112, 836, 874, 878 and SR 924 Tolling facilities are scheduled for FY 2022.

#### 2.2.2.3 ELECTRICAL

The electrical inspections of the administration buildings on SR 836, SR 874 and SR 924 and the MDX Headquarters reveal that the components are in good condition.

### 2.3 Recommendations

The 2020 Annual Inspection has found the MDX System to be in good repair, working order and condition.

Recommendations are offered for further improvements in the MDX Maintenance Program and Work Program. The recommended actions are outlined in the following sections of this report and represent issues identified through the inspection process as well as those identified by MDX Maintenance and Operations personnel. Recommendations are categorized by discipline and degree of urgency. Some recommendations are more general in nature and are directed to the Maintenance and Improvement program as a whole.

Recommendations are made for only those items that may not be adequately addressed in the on-going maintenance program or improvement projects. For more information on the work or repair needs noted in the inspection process refer to the detailed Inspection Data Collection Sheets under each facility in the corresponding Appendix. The following categories are used to assess the level of urgency of work required:

1. *General: recommendations should be considered for inclusion in the work effort at the earliest date that funding allows.*
2. *Urgent: recommendations should be addressed as soon as possible to avoid deterioration and additional long-term expense.*



3. *Critical: recommendations should be addressed immediately to protect the safety of MDX patrons and system.*

#### 2.3.1 General Recommendations

Perform an evaluation on the SR 836 / NW 137<sup>th</sup> avenue off-ramp friction course pavement, to determine if replacement is needed and what additional safety devices can be added to reduce the number of accidents.

Remove and replace all malfunctioning solar **power reflective pavement markers (RPM's)**, throughout the pilot sites on SR 836, SR 874 & SR 924 off-ramps, with standard retro-reflective **RPM's**.

#### 2.3.2 Urgent Recommendations

There are no recommendations categorized as urgent.

#### 2.3.3 Critical Recommendations

There are no recommendations categorized as critical.

### 2.4 Status Update of Prior Year General Recommendations

#### 2.4.1 General Recommendations

##### 2.4.1.1 ROADWAY

Perform an evaluation on several bridges throughout the SR 112 and SR 874 corridors, to determine if a deck overlay is needed, to seal numerous cracks and improve wet weather traction. This evaluation remains pending.

##### 2.4.1.2 FACILITIES

Perform an evaluation of the existing roof on the SR 874 Administration Building, to determine if a roof replacement is required. This evaluation remains pending.

#### 2.4.2 Status Update of Prior Year Urgent Recommendations

There were no recommendations categorized as urgent from the prior Annual Inspection Report.

#### 2.4.3 Status Update of Prior Year Critical Recommendations

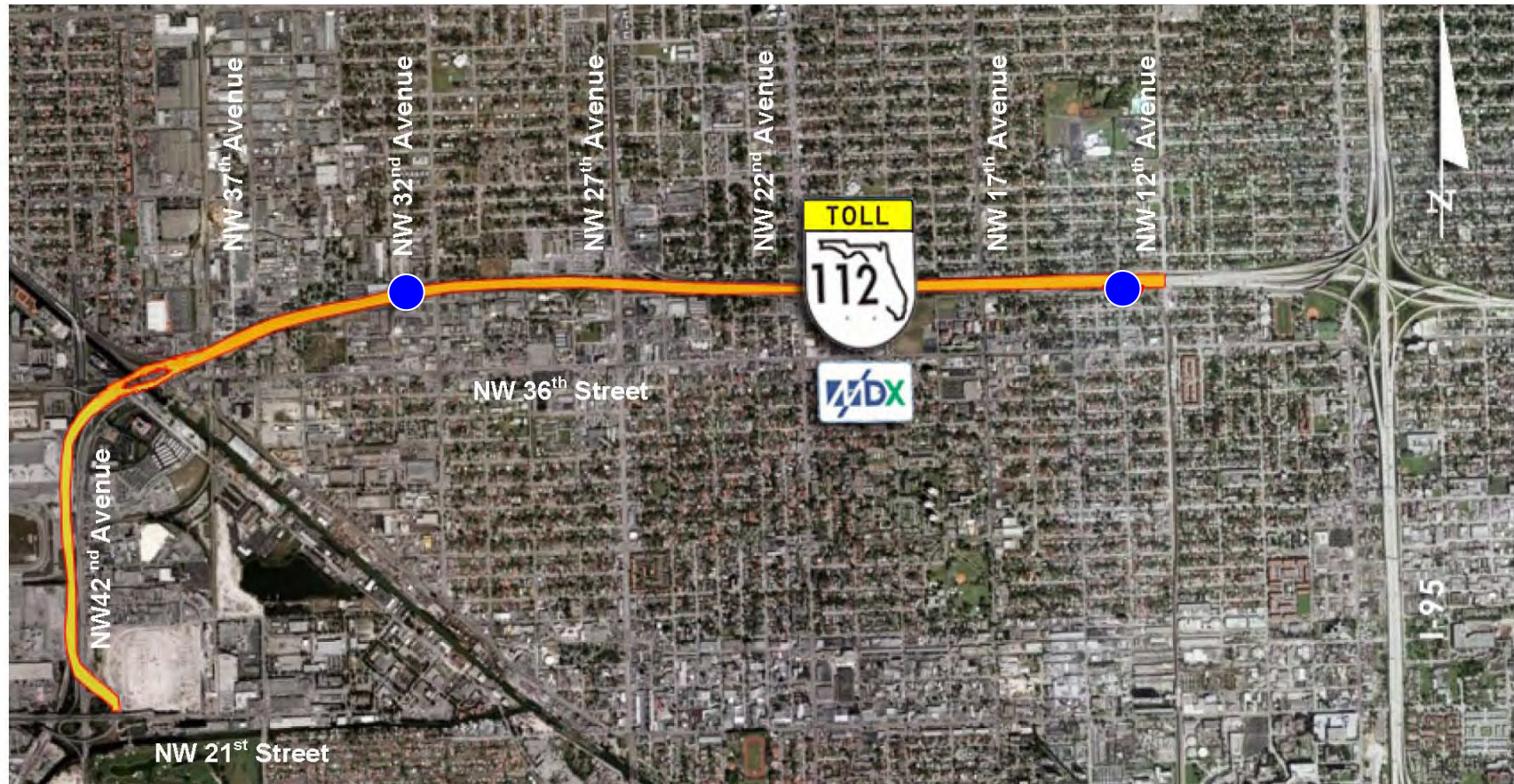
There were no recommendations categorized as critical from the prior Annual Inspection Report.

# **ATTACHMENT No. 1**



MDX ROADWAY SYSTEM & TOLL PLAZA LOCATIONS  
LOCATION MAP No. 1



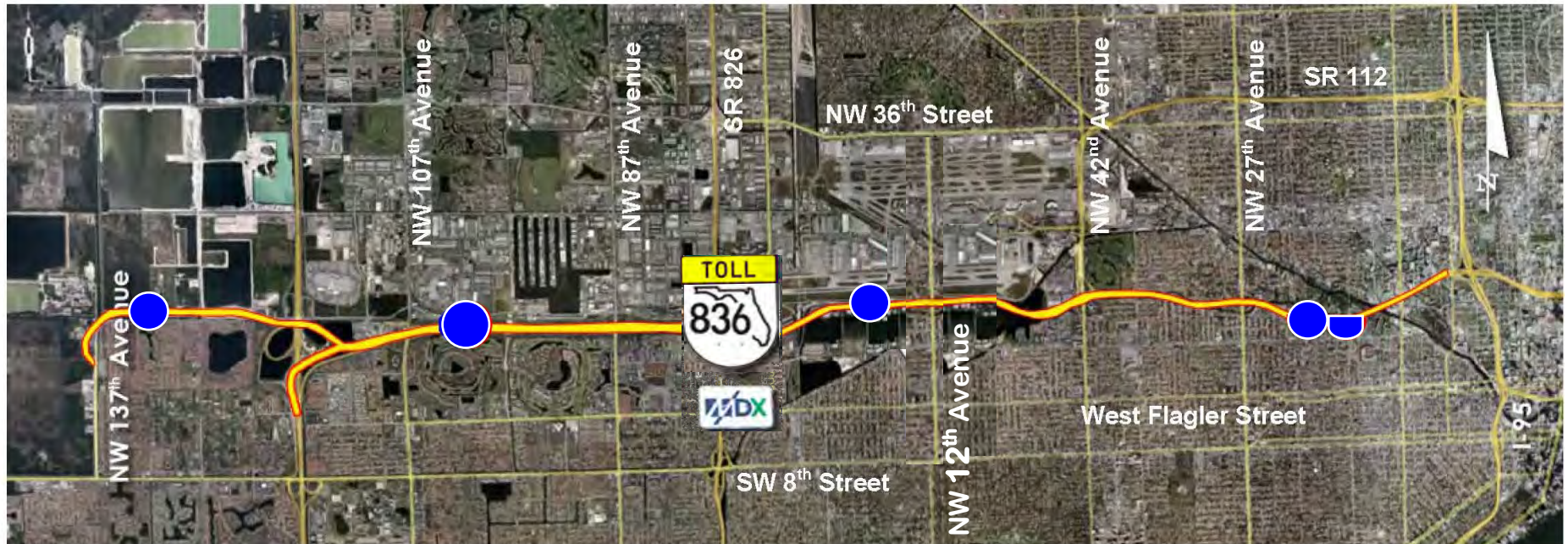


**LEGEND**



● ORT Gantry – Both Directions

Not to Scale





**LEGEND**

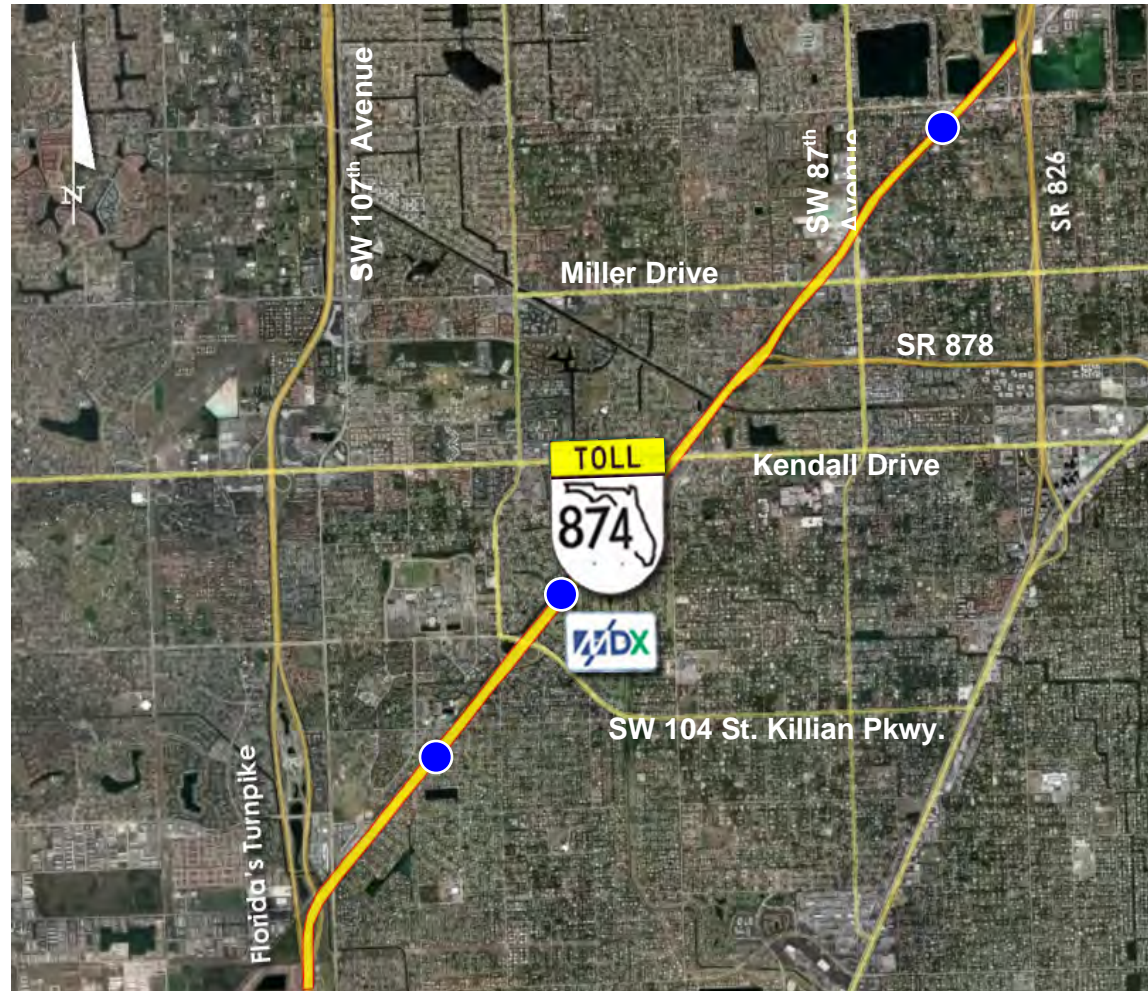
-  ORT Gantry (One Direction)
-  ORT Gantry (Both Directions)

*Not to Scale*





ANNUAL INSPECTION REPORT  
FY 2020



**LEGEND**

- ORT Gantry  
Both Directions

*Not to Scale*



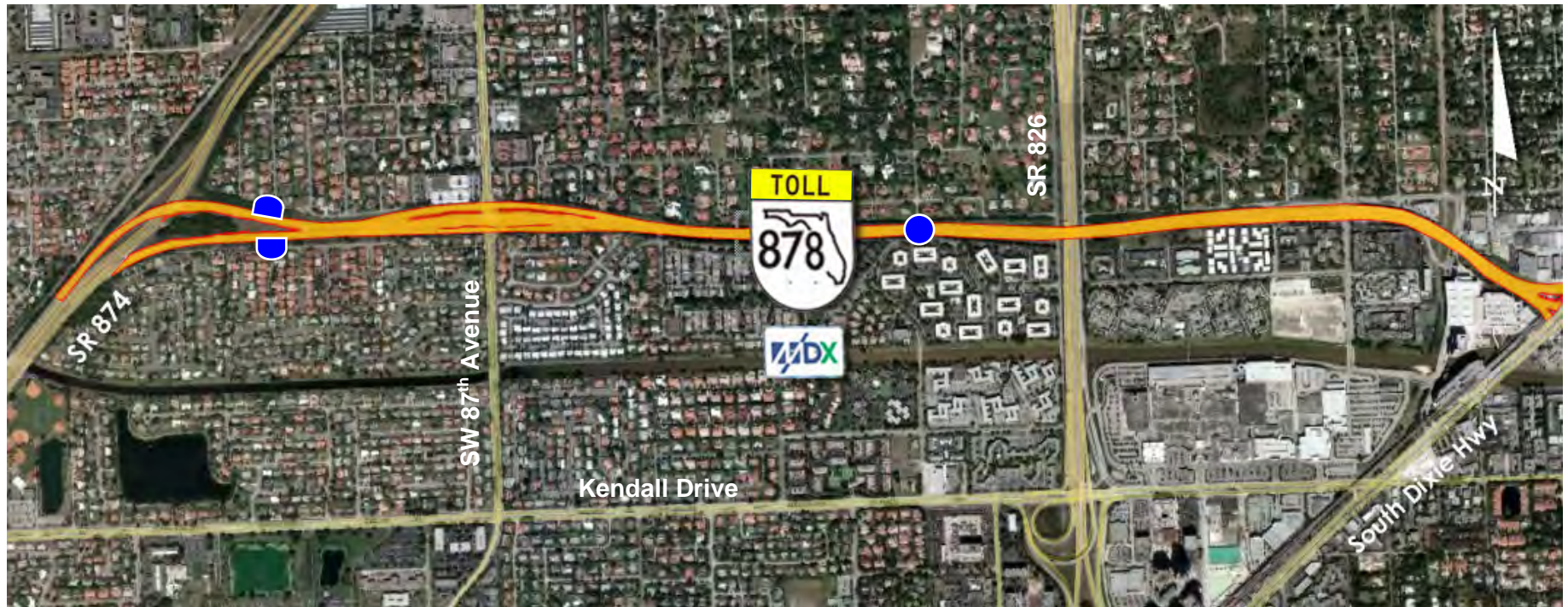
DON SHULA EXPRESSWAY (SR 874)  
FROM FLORIDA'S TURNPIKE TO PALMETTO EXPRESSWAY (SR 826)

LOCATION MAP No. 4





## ANNUAL INSPECTION REPORT FY 2020



*Not to Scale*

### LEGEND

- ORT Gantry – One Direction      ● ORT Gantry – Both Directions



SNAPPER CREEK EXPRESSWAY (SR 878)  
FROM DON SHULA EXPRESSWAY (SR 874) TO S. DIXIE HIGHWAY

LOCATION MAP No. 5





# ANNUAL INSPECTION REPORT FY 2020



## LEGEND

*Not to Scale*

● ORT Gantry – Both Directions



GRATIGNY PARKWAY (SR 924)  
FROM PALMETTO EXPRESSWAY (SR 826) TO NW 27<sup>TH</sup> AVE.

LOCATION MAP No. 6



# ANNUAL INSPECTION REPORT FY 2020



*Not to Scale*



NW 138<sup>TH</sup> STREET  
FROM WEST OKEECHOBEE RD. TO THE FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY AT I-75  
LOCATION MAP No. 7

# **APPENDIX A**



**SR 112 RDWY EB**

## MDX ANNUAL ROADWAY INSPECTION

**2020**

WORK IDENTIFIED UNDER COMMENTS COLUMN IS BEING ADDRESSED UNDER THE SPECIFIED MDX PROJECT INDICATED IN THE PHOTOGRAPHS

STATE ROAD: SR-112 AIRPORT EXPRESSWAY  
DIRECTION: EASTBOUND

DATE: 9/28/2020  
INSPECTED BY: O. SANCHEZ

ASSET	COMMENTS	PHOTO NUMBER
<b>ROADWAY</b>		
ASPHALT ROADWAY PAVEMENT	No Work Needs Were Identified	
SHOULDER PAVEMENT	No Work Needs Were Identified	
RUTTING	No Work Needs Were Identified	
POTHOLE	No Work Needs Were Identified	
DEPRESSION	No Work Needs Were Identified	
CURB	No Work Needs Were Identified	
SLOPE	No Work Needs Were Identified	
<b>DRAINAGE</b>		
DITCH PAVEMENT / FLUME	No Work Needs Were Identified	
SIDE DRAIN	No Work Needs Were Identified	
CROSS DRAIN	No Work Needs Were Identified	
STORM DRAIN	No Work Needs Were Identified	
END WALLS	No Work Needs Were Identified	
GUTTER INLET	No Work Needs Were Identified	
BARRIER WALL INLET	No Work Needs Were Identified	
MEDIAN BARRIER INLET	No Work Needs Were Identified	
CURB INLET	No Work Needs Were Identified	
RIP-RAP	No Work Needs Were Identified	
SLOPE PROTECTION	No Work Needs Were Identified	
OTHER	No Work Needs Were Identified	
<b>STRUCTURAL</b>		
SHOULDER GUTTER	No Work Needs Were Identified	
CURB & GUTTER	No Work Needs Were Identified	
BARRIER WALL	No Work Needs Were Identified	
MEDIAN BARRIER WALL	No Work Needs Were Identified	
RETAINING WALL	<b>DETERIORATED CLASS V COATING ON RETAINING WALL</b>	<b>EB-006</b>
REINFORCED EARTH WALL	No Work Needs Were Identified	
SIDEWALK	No Work Needs Were Identified	
OTHER	No Work Needs Were Identified	
<b>BARRIERS AND FENCES</b>		
FENCE	No Work Needs Were Identified	
GUARDRAIL	No Work Needs Were Identified	
ATTENUATOR	No Work Needs Were Identified	
SPACER BLOCKS	No Work Needs Were Identified	
<b>PAVEMENT MARKINGS / SIGNAGE</b>		
PAVEMENT MESSAGE	No Work Needs Were Identified	
STRIPING	<b>DETERIORATED STRIPING ON BRIDGE / STRIPING ON BRIDGE IS NOT HIGH PERFORMANCE TAPE</b>	<b>EB-001</b>
REFLECTIVE PAVEMENT MARKERS	No Work Needs Were Identified	
OVERHEAD SIGN STRUCTURES	No Work Needs Were Identified	
TRAFFIC DELINEATORS	No Work Needs Were Identified	
OBJECT MARKER	No Work Needs Were Identified	
REGULATORY SIGN	No Work Needs Were Identified	
GUIDE SIGN	No Work Needs Were Identified	
WARNING SIGN	No Work Needs Were Identified	
OTHER	No Work Needs Were Identified	
<b>ELECTRICAL</b>		
LIGHT POLE	No Work Needs Were Identified	
BASE	No Work Needs Were Identified	
PULL BOX	<b>UNFINISHED ITS REPAIRS</b>	<b>EB-010</b>
HANDHOLE COVER	No Work Needs Were Identified	
LOOP DETECTOR	No Work Needs Were Identified	
LUMINAIRE	No Work Needs Were Identified	
CONDUIT	No Work Needs Were Identified	
ITS	<b>DETERIORATED SEALANT ON ORT LOOP DETECTORS</b>	<b>EB-007</b>

**MDX ANNUAL ROADWAY INSPECTION****2020**

WORK IDENTIFIED UNDER COMMENTS COLUMN IS BEING ADDRESSED UNDER THE SPECIFIED MDX PROJECT INDICATED IN THE PHOTOGRAPHS

STATE ROAD: SR-112 AIRPORT EXPRESSWAY  
DIRECTION: EASTBOUNDDATE: 9/28/2020  
INSPECTED BY: O. SANCHEZ

ASSET	COMMENTS	PHOTO NUMBER
<b>BRIDGES</b>		
EXPANSION JOINTS	SILT AND DEBRIS ON BRIDGE JOINT, DETERIORATED SLIDING PLATE JOINTS	EB-003, EB-004 & EB-008
DECK	No Work Needs Were Identified	
TRAFFIC RAILING	No Work Needs Were Identified	
SLOPE PAVEMENT	DETERIORATED CLASS V COATING ON BRIDGE SLOPE	EB-009
STEEL GIRDERS / COLUMNS	DETERIORATED PAINT ON STEEL BEAMS & COLUMNS	EB-002
GRAFFITI	GRAFFITI ON ATTENUATOR REFLECTIVE SHEETING	EB-012
<b>LANDSCAPING / AESTHETICS</b>		
TREE TRIMMING	No Work Needs Were Identified	
ROADWAY MOWING	No Work Needs Were Identified	
TURF CONDITION	No Work Needs Were Identified	
LANDSCAPING	No Work Needs Were Identified	
LITTER REMOVAL	No Work Needs Were Identified	
OVERGROWN VEGETATION	OVERGROWN VEGETATION OBSTRUCTING SIGN & OVERGROWN VEGETATION ON BRIDGE SLOPE	EB-005 & EB-011
OTHER	No Work Needs Were Identified	





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**AIRPORT EXPRESSWAY (SR-112): 4.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-001  
DATE: 9-3-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 0.85 MILES  
EASTBOUND ON-RAMP FROM NW 36<sup>th</sup> STREET**



**DETERIORATED STRIPING ON BRIDGE No. 870962**

**ITEMS NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**AIRPORT EXPRESSWAY (SR-112): 4.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-002  
DATE: 9-1-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 0.85 MILES  
EASTBOUND ON-RAMP FROM NW 36<sup>th</sup> STREET**



**DETERIORATED PAINT ON COLUMNS, PIER CAPS, TRAFFIC RAILING AND MSE  
WALL (BRIDGE No. 870962)**

**ITEMS NOTED TO BE ADDRESSED BY MDX PROJECT #30037**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**AIRPORT EXPRESSWAY (SR-112): 4.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-003  
DATE: 8-31-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 0.0 TO 0.4 MILES  
EASTBOUND MAINLINE**



**SILT AND DEBRIS ON BRIDGE JOINTS (BRIDGE No. 870725)**

**ITEMS NOTED TO BE ADDRESSED BY MDX MAINTENANCE**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**AIRPORT EXPRESSWAY (SR-112): 4.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-004  
DATE: 9-28-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 1.20 MILES  
EASTBOUND MAINLINE**



**STAINS ON PIER CAPS & COLUMNS DUE TO LEAKING SLIDING PLATE JOINTS  
(BRIDGE No. 870238) TYPICAL AT VARIOUS LOCATIONS**

**ITEMS NOTED TO BE ADDRESSED BY MDX WORK PROGRAM No. 30029**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**AIRPORT EXPRESSWAY (SR-112): 4.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-005  
DATE: 8-31-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 2.20 MILES  
EASTBOUND MAINLINE (RIGHT SHOULDER)**



**OVERGROWN VEGETATION PARTIALLY OBSTRUCTING SIGN**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BOTTOM  
CONTRACTS**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**AIRPORT EXPRESSWAY (SR-112): 4.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-006  
DATE: 9-28-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 0.86 MILES  
EASTBOUND ON-RAMP FROM OKEECHOBEE RD.  
(RIGHT SHOULDER)**



**DETERIORATED CLASS V COATING ON RETAINING WALL**

**ITEMS NOTED TO BE ADDRESSED BY MDX WORK PROGRAM No. 30037**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**AIRPORT EXPRESSWAY (SR-112): 4.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-007  
DATE: 8-31-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 3.78 MILES  
EASTBOUND MAINLINE**



**DETERIORATED TOLLS LOOP DETECTOR SEALANT**

**ITEMS NOTED TO BE ADDRESSED BY MDX TOLL SYSTEMS INTEGRATOR**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**AIRPORT EXPRESSWAY (SR-112): 4.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-008  
DATE: 8-31-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 1.20 MILES  
EASTBOUND MAINLINE**



**SLIDING PLATE EXPANSION JOINT BRIDGE # 870238  
(TYPICAL AT VARIOUS LOCATIONS)**

**ITEMS NOTED TO BE ADDRESSED BY MDX WORK PROGRAM No. 30029**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**AIRPORT EXPRESSWAY (SR-112): 4.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-009  
DATE: 8-31-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 2.96 MILES  
EASTBOUND MAINLINE**



**DETERIORATED CLASS V COATING ON SLOPE  
(TYPICAL THROUGHOUT THE CORRIDOR)**

**ITEM NOTED TO BE ADDRESSED BY MDX WORK PROGRAM No. 30037**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**AIRPORT EXPRESSWAY (SR-112): 4.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-010  
DATE: 8-31-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 3.90 MILES  
EASTBOUND OFF-RAMP TO NW 12<sup>TH</sup> AVENUE**



**UNFINISHED ITS WORK**

**ITEM NOTED TO BE ADDRESSED BY MDX ITS**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**AIRPORT EXPRESSWAY (SR-112): 4.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-011  
DATE: 8-31-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 0.94 MILES  
EASTBOUND ON-RAMP FROM Le JEUNE RD.  
(RIGHT SHOULDER)**



**OVERGROWN VEGETATION ON BRIDGE SLOPE (BRIDGE # 870024)**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BOTTOM  
CONTRACTS**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**AIRPORT EXPRESSWAY (SR-112): 4.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-012  
DATE: 9-3-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 0.86 MILES  
EASTBOUND ON-RAMP FROM Le JEUNE RD.  
(LEFT SHOULDER)**



**GRAFFITI ON ATTENUATOR REFLECTIVE SHEETING**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BOTTOM  
CONTRACTS**



**SR 112 RDWY WB**

**MDX ANNUAL ROADWAY INSPECTION****2020**

WORK IDENTIFIED UNDER COMMENTS COLUMN IS BEING ADDRESSED UNDER THE SPECIFIED MDX PROJECT INDICATED IN THE PHOTOGRAPHS

STATE ROAD: SR-112 AIRPORT EXPRESSWAY  
DIRECTION: WESTBOUND

DATE: 8/26/2020  
INSPECTED BY: O. SANCHEZ

ASSET	COMMENTS	PHOTO NUMBER
<b>ROADWAY</b>		
ROADWAY PAVEMENT (ASPHALT)	No Work Needs Were Identified	
ROADWAY PAVEMENT (CONCRETE)	No Work Needs Were Identified	
SHOULDER PAVEMENT	No Work Needs Were Identified	
RUTTING	No Work Needs Were Identified	
POTHOLE	No Work Needs Were Identified	
DEPRESSION	No Work Needs Were Identified	
OTHER		
<b>DRAINAGE</b>		
DITCH PAVEMENT	No Work Needs Were Identified	
SIDE DRAIN	No Work Needs Were Identified	
CROSS DRAIN	No Work Needs Were Identified	
STORM DRAIN	No Work Needs Were Identified	
END WALLS	No Work Needs Were Identified	
GUTTER INLET	No Work Needs Were Identified	
BARRIER WALL INLET	No Work Needs Were Identified	
MEDIAN BARRIER INLET	No Work Needs Were Identified	
CURB INLET	No Work Needs Were Identified	
RIP-RAP	No Work Needs Were Identified	
SLOPE PROTECTION	No Work Needs Were Identified	
INLET	No Work Needs Were Identified	
<b>STRUCTURAL</b>		
SHOULDER GUTTER	No Work Needs Were Identified	
CURB & GUTTER	No Work Needs Were Identified	
BARRIER WALL	No Work Needs Were Identified	
BARRIER WALL	GRAFFITI ON BARRIER WALL	WB-006
RETAINING WALL	No Work Needs Were Identified	
REINFORCED EARTH WALL	No Work Needs Were Identified	
SIDEWALK	No Work Needs Were Identified	
TRAFFIC SEPARATOR	No Work Needs Were Identified	
OTHER	No Work Needs Were Identified	
<b>BARRIERS AND FENCES</b>		
FENCE	No Work Needs Were Identified	
GUARDRAIL	No Work Needs Were Identified	
END TREATMENT	No Work Needs Were Identified	
ATTENUATOR	GRAFFITI ON ATTENUATOR REFLECTIVE SHEETING	WB-002
<b>PAVEMENT MARKINGS / SIGNAGE</b>		
PAVEMENT MESSAGE	No Work Needs Were Identified	
PAVEMENT ARROW	No Work Needs Were Identified	
STRIPING	No Work Needs Were Identified	
REFLECTIVE PAVEMENT MARKERS	No Work Needs Were Identified	
OVERHEAD SIGN STRUCTURES	No Work Needs Were Identified	
TRAFFIC DELINEATORS	MISSING DELINEATOR	WB-004
OBJECT MARKER	No Work Needs Were Identified	
REGULATORY SIGN	No Work Needs Were Identified	
GUIDE SIGN	DETERIORATED REFLECTIVE SHEETING ON SIGN PANEL	WB-003
WARNING SIGN	No Work Needs Were Identified	
OTHER	No Work Needs Were Identified	
<b>ELECTRICAL</b>		
LIGHT POLE	No Work Needs Were Identified	
BASE	No Work Needs Were Identified	
CONTROL CABINET	No Work Needs Were Identified	
HANDHOLE COVER	No Work Needs Were Identified	
MAST ARM	No Work Needs Were Identified	
LUMINAIRE	No Work Needs Were Identified	
JUNCTION BOX	No Work Needs Were Identified	
CONDUIT	No Work Needs Were Identified	
ITS	No Work Needs Were Identified	

**MDX ANNUAL ROADWAY INSPECTION**  
**2020**

WORK IDENTIFIED UNDER COMMENTS COLUMN IS BEING ADDRESSED UNDER THE SPECIFIED MDX PROJECT INDICATED IN THE PHOTOGRAPHS

STATE ROAD: SR-112 AIRPORT EXPRESSWAY  
DIRECTION: WESTBOUND

DATE: 8/26/2020  
INSPECTED BY: O. SANCHEZ

ASSET	COMMENTS	PHOTO NUMBER
BRIDGES		
EXPANSION JOINTS	DETERIORATED POLYMER NOSING JOINT HEADER	WB-001
BRIDGE DECK	No Work Needs Were Identified	
STEEL GIRDERS / COLUMNS	No Work Needs Were Identified	
CLASS V COATING	No Work Needs Were Identified	
BRIDGE DRAINAGE INLET	No Work Needs Were Identified	
VEGETATION / AESTHETICS		
ROADWAY MOWING	No Work Needs Were Identified	
TURF CONDITION	No Work Needs Were Identified	
LANDSCAPING	No Work Needs Were Identified	
LITTER REMOVAL	No Work Needs Were Identified	
OVERGROWN VEGETATION	OVERGROWN VEGETATION ON RETAINING WALL	WB-005





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**AIRPORT EXPRESSWAY (SR-112): 4.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-001  
DATE: 8-26-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER MP 0.10 MILES  
WESTBOUND MAINLINE**



**DETERIORATED POLYMER NOSING JOINT HEADER (BRIDGE # 870022)**

**ITEM NOTED TO BE ADDRESSED BY MDX WORK PROGRAM No. 30029**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

# GENERAL ENGINEERING CONSULTANT INSPECTION AND EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM

## AIRPORT EXPRESSWAY (SR-112): 4.00 MILES PHOTOGRAPHIC INVENTORY

PHOTO NO.: WB-002  
DATE: 8-26-2020

ROADWAY INSPECTION  
LOCATION: MILE MARKER 3.31 MILES  
WESTBOUND MAINLINE (RIGHT SHOULDER)



**GRAFFITI ON ATTENUATOR REFLECTIVE SHEETING**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BOTTOM  
CONTRACTS**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**AIRPORT EXPRESSWAY (SR-112): 4.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-003  
DATE: 8-26-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 3.52 MILES  
WESTBOUND MAINLINE**



**DETERIORATED REFLECTIVE SHEETING ON  
LANE ENDS 1/4 MILE SIGN PANEL**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

# GENERAL ENGINEERING CONSULTANT INSPECTION AND EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM

## AIRPORT EXPRESSWAY (SR-112): 4.00 MILES PHOTOGRAPHIC INVENTORY

**PHOTO NO.: WB-004**  
**DATE: 8-26-2020**

**ROADWAY INSPECTION**  
**LOCATION: MILE MARKER 1.63 MILES**  
**WESTBOUND MAINLINE**



**DAMAGED / MISSING DELENIATORS**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BOTTOM  
CONTRACTS**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**AIRPORT EXPRESSWAY (SR-112): 4.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-005  
DATE: 8-26-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 1.28 MILES  
WESTBOUND OFF-RAMP TO NW 36<sup>th</sup> ST**



**VEGETATION ON RETAINING WALL**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BOTTOM  
CONTRACTS**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**AIRPORT EXPRESSWAY (SR-112): 4.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-006  
DATE: 8-26-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER MP 0.10 MILES  
WESTBOUND MAINLINE (RIGHT SHOULDER)**



**GRAFFITI ON BARRIER WALL**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BOTTOM  
CONTRACTS**



**SR 836 RDWY EB**

<b>MDX ANNUAL ROADWAY INSPECTION</b> <b>2020</b> WORK IDENTIFIED UNDER COMMENTS COLUMN IS BEING ADDRESSED UNDER THE SPECIFIED MDX PROJECT INDICATED IN THE PHOTOGRAPHS		
STATE ROAD: SR-836 DOLPHIN EXPRESSWAY DIRECTION: EASTBOUND		DATE: 9/14/2020 INSPECTED BY: O. SANCHEZ
ASSET	COMMENTS	PHOTO NUMBER
<b>ROADWAY</b>		
	<b>LONGITUDINAL CRACKS ON TRAVEL LANES</b>	<b>EB-028</b>
ROADWAY PAVEMENT (ASPHALT)	No Work Needs Were Identified	
ROADWAY PAVEMENT (CONCRETE)	No Work Needs Were Identified	
SHOULDER PAVEMENT	No Work Needs Were Identified	
RUTTING	No Work Needs Were Identified	
POTHOLE	No Work Needs Were Identified	
	<b>PONDING ON LETF SHOULDER</b>	<b>EB-008</b>
PONDING		
	<b>EROSION AT BENT 12 AND ON SPAN 11</b>	<b>EB-012 and EB-013</b>
SLOPE		
BERM	No Work Needs Were Identified	
CLASS V COATING	No Work Needs Were Identified	
<b>DRAINAGE</b>		
DITCH PAVEMENT / FLUME	No Work Needs Were Identified	
SIDE DRAIN	No Work Needs Were Identified	
CROSS DRAIN	No Work Needs Were Identified	
STORM DRAIN	No Work Needs Were Identified	
END WALLS / OUT FALL	No Work Needs Were Identified	
GUTTER INLET	No Work Needs Were Identified	
BARRIER WALL INLET	No Work Needs Were Identified	
	<b>SILTED DRAINAGE INLET</b>	<b>EB-006</b>
MEDIAN BARRIER INLET		
CURB INLET	No Work Needs Were Identified	
RIP-RAP	No Work Needs Were Identified	
SLOPE PROTECTION	No Work Needs Were Identified	
	<b>FAILED REPAIRS ON SKIMMER</b>	<b>EB-020</b>
SKIMMER		
PVC DRAINAGE PIPE	No Work Needs Were Identified	
<b>STRUCTURAL</b>		
SHOULDER GUTTER	No Work Needs Were Identified	
CURB & GUTTER	No Work Needs Were Identified	
	<b>SPALL ON BARRIER WALL</b>	<b>EB-014</b>
MEDIAN BARRIER WALL		
RETAINING WALL	No Work Needs Were Identified	
REINFORCED EARTH WALL	No Work Needs Were Identified	
	<b>DETERIORATED CLASS V COATING</b>	<b>EB-002</b>
CONCRETE MEDIAN		
	<b>EROSION / PEELING CLASS V COATING ON MSE WALL AND BENT 12</b>	<b>EB-010</b>
MSE WALL		
OTHER	No Work Needs Were Identified	
<b>BARRIERS AND FENCES</b>		
FENCE	No Work Needs Were Identified	
GUARDRAIL	No Work Needs Were Identified	
END SECTION	No Work Needs Were Identified	
CRASH CUSHION	No Work Needs Were Identified	
CLASS V COATING	No Work Needs Were Identified	
<b>PAVEMENT MARKINGS / SIGNAGE</b>		
PAVEMENT MESSAGE	No Work Needs Were Identified	
	<b>DETERIORATED HIGH PERFORMANCE TAPE ON BRIDGE DECK</b>	<b>EB-001</b>
STRIPING / HIGH PERFORMANCE TAPE		
REFLECTIVE PAVEMENT MARKERS	No Work Needs Were Identified	
REFLECTOR SIGN	No Work Needs Were Identified	
OVERHEAD SIGN STRUCTURES	No Work Needs Were Identified	
OBJECT MARKER	No Work Needs Were Identified	
	<b>DAMAGED DELENIATORS</b>	<b>EB-003</b>
TRAFFIC DELINEATOR		
	<b>SPEED LIMIT SIGN PARTIALLY OBSTRUCTED BY SIGN STRUCTURE</b>	<b>EB-017</b>
REGULATORY SIGN		
SIGN POSTS	No Work Needs Were Identified	
	<b>KNOCKED DOWN SIGN FROM VEHICULAR ACCIDENT / GRAFFITI ON SIGN PANELS</b>	<b>EB-015 &amp; EB-028</b>
GUIDE SIGN		
MILE MARKER	No Work Needs Were Identified	
	<b>KNOCKED DOWN SIGN FROM VEHICULAR ACCIDENT</b>	<b>EB-030</b>
WARNING SIGN		

MDX ANNUAL ROADWAY INSPECTION 2020		
WORK IDENTIFIED UNDER COMMENTS COLUMN IS BEING ADDRESSED UNDER THE SPECIFIED MDX PROJECT INDICATED IN THE PHOTOGRAPHS		
STATE ROAD: SR-836 DOLPHIN EXPRESSWAY DIRECTION: EASTBOUND		DATE: 9/14/2020 INSPECTED BY: O. SANCHEZ
ASSET	COMMENTS	PHOTO NUMBER
<b>ELECTRICAL</b>		
LIGHT POLE	MISSING HAND HOLE COVER	EB-026
BASE	No Work Needs Were Identified	
PULL BOX	MISSING PULL BOX COVER / DETACH PULL BOX COVER	EB-022 & EB-025
HAND HOLE COVER	No Work Needs Were Identified	
LUMINAIRE	No Work Needs Were Identified	
CONDUIT	No Work Needs Were Identified	
HIGH-MAST POLE	OPEN HAND HOLE COVER	EB-007
<b>ITS</b>		
ITS LOAD CENTER	No Work Needs Were Identified	
ITS PULL BOX	PENDING ITS PULL BOX GRADE ADJUSTMENTS	EB-018
ITS ROUTE MARKERS	No Work Needs Were Identified	
ITS MANHOLE	No Work Needs Were Identified	
MVDS POLE	No Work Needs Were Identified	
ITS CAMERA CABINET	ROUTE MARKER BURIED BY EMBANKMENT MATERIAL	EB-007
<b>BRIDGES</b>		
BRIDGE STRUCTURE	No Work Needs Were Identified	
STEEL BRIDGE PAINT	No Work Needs Were Identified	
CLASS V COATING	DETERIORATED CLASS V COATING	EB-009
WING WALLS	DETERIORATED CLASS V COATING ON WING WALL AT BENT 12	EB-011
DECK	SPALLS ON BRIDGE DECK	EB-005 & EB-021
BARRIER WALL	DETERIORATED CLAAS V COATING ON BARRIER WALL	EB-027
END-BENT	SPALL ON ABUTMENT 1	EB-023
EXPANSION JOINTS	SILT AND DEBRIS ON EXPANSION JOINTS, DETERIORATED SILICONE JOINT SEALANT	EB-004, EB-016 & EB-024
MARINE FENDER SYSTEM	No Work Needs Were Identified	
DRAINAGE TROUGH	No Work Needs Were Identified	
SLOPE PAVEMENT	No Work Needs Were Identified	
APPROACH SLAB	DETERIORATED APPROACH SLAB REPAIRS	EB-019
<b>LANDSCAPING / AESTHETICS</b>		
TREE TRIMMING	No Work Needs Were Identified	
ROADWAY MOWING	No Work Needs Were Identified	
TURF CONDITION	No Work Needs Were Identified	
LANDSCAPING	No Work Needs Were Identified	
DEBRIS / LITTER REMOVAL	No Work Needs Were Identified	
OVERGROWN VEGETATION	No Work Needs Were Identified	





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-001  
DATE: 09-09-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 1.48 MILES  
EASTBOUND MAINLINE (RIGHT SHOULDER)**



**MISSING SECTION OF WHITE HIGH PERFORMANCE TAPE (BRIDGE No. 871008)**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-002  
DATE: 09-09-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 0.65 MILES  
EASTBOUND ON RAMP FROM NW 137<sup>TH</sup> AVENUE  
(RIGHT SHOULDER)**



**DETERIORATED CLASS V COATING ON CONCRETE MEDIAN**

**ITEM NOTED TO BE ADDRESSED BY MDX WORK PROGRAM No. 30037**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

# GENERAL ENGINEERING CONSULTANT INSPECTION AND EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM

## DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES PHOTOGRAPHIC INVENTORY

**PHOTO NO.: EB-003**  
**DATE: 09-09-2020**

**ROADWAY INSPECTION**  
**LOCATION: MILE MARKER 0.85 MILES**  
**EASTBOUND MAINLINE (LEFT SHOULDER)**



### DAMAGED DELINEATORS

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-004  
DATE: 09-09-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 1.50 MILES  
EASTBOUND MAINLINE**



**SEDIMENT & DEBRIS ON BRIDGE EXPANSION JOINT (BRIDGE # 871008)  
(TYPICAL AT BRIDGE # 871002 & 871004)**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-005  
DATE: 09-09-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 1.50 MILES  
EASTBOUND MAINLINE**



**SPALL ON BRIDGE DECK (BRIDGE No. 871002)**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

# GENERAL ENGINEERING CONSULTANT INSPECTION AND EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM

## DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES PHOTOGRAPHIC INVENTORY

**PHOTO NO.: EB-006**  
**DATE: 09-09-2020**

**ROADWAY INSPECTION**  
**LOCATION: MILE MARKER 2.82**  
**EASTBOUND MAINLINE (LEFT SHOULDER)**



**SILTED DRAINAGE INLET**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-007  
DATE: 09-09-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 4.8  
EASTBOUND MAINLINE (MEDIAN)**



**OPEN HANDHOLE ON HIGH-MAST POLE**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-008  
DATE: 09-09-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 6.46  
EASTBOUND MAINLINE (LEFT SHOULDER)**



**PONDING ON LEFT SHOULDER**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-009  
DATE: 09-11-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 5.6  
EASTBOUND OFF-RAMP TO NW 87<sup>th</sup> AVENUE**



**DOWN WARNING SIGNS DUE TO VEHICULAR ACCIDENT**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-010  
DATE: 09-09-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 6.85 MILES  
EASTBOUND MAINLINE (RIGHT SHOULDER)**



**EROSION / PEELING CLASS V COATING AT BENT 12 (BRIDGE # 871050)**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-011  
DATE: 09-09-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 6.85 MILES  
EASTBOUND MAINLINE (RIGHT SHOULDER)**



**DETERIORATED CLASS V COATING ON WING WALL AT BENT 12  
(BRIDGE # 871050)**

**ITEM NOTED TO BE ADDRESSED BY 83608 WARRANTY**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-012  
DATE: 09-09-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 6.84 MILES  
EASTBOUND MAINLINE (RIGHT SHOULDER)**



**EROSION ON SLOPE (BRIDGE 871050 Span 11)**

**ITEM NOTED TO BE ADDRESSED BY 83608 WARRANTY**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-013  
DATE: 09-09-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 6.80 MILES  
EASTBOUND CD LANE FROM NW 87<sup>th</sup> AVENUE  
(LEFT SHOULDER)**



**EROSION ON SLOPE (UNDERNEATH BRIDGE No. 871050 SPAN 11)**

**ITEM NOTED TO BE ADDRESSED BY 83608 WARRANTY**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-014  
DATE: 09-09-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 6.98  
EASTBOUND MAILINE (RIGHT SHOULDER)**



**SPALLS ON BARRIER WALL**

**ITEM NOTED TO BE ADDRESSED BY 83608 WARRANTY**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-015  
DATE: 09-09-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 7.12  
EASTBOUND MAINLINE (RIGHT SHOULDER)**



**KNOCKED DOWN SIGN FROM VEHICULAR IMPACT**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-016  
DATE: 09-09-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 7.52  
EASTBOUND MAILINE**



**DETERIORATED JOINT SEALANT (BRIDGE No. 871075)**

**ITEM NOTED TO BE ADDRESSED BY 83608 WARRANTY**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-017  
DATE: 09-09-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 7.56  
EASTBOUND MAILINE (RIGHT SHOULDER)**



**SPEED LIMIT SIGN PARTIALLY OBSTRUCTED BY OVERHEAD SIGN STRUCTURE**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-018  
DATE: 09-09-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 8.32  
EASTBOUND MAILINE (RIGHT SHOULDER)**



**PENDING ITS PULL BOX GRADE ADJUSTMENTS**

**ITEM NOTED TO BE ADDRESSED BY MDX 83628 WARRANTY**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-019  
DATE: 09-09-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 8.73  
EASTBOUND MAILINE (OUTSIDE LANE, BENT No. 2)**



**DETERIORATED APPROACH SLAB REPAIR**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-020  
DATE: 09-09-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 9.30  
EASTBOUND MAILINE (RIGHT SHOULDER)**



**FAILED REPAIR ON THE DRAINAGE SKIMMER**

**ITEM NOTED TO BE ADDRESSED BY MDX 83628 WARRANTY**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-021  
DATE: 09-09-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 10.30  
EASTBOUND MAILINE (LANE R-3)**



**SPALLS ON BRIDGE DECK (BRIDGE # 870291)**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-022  
DATE: 09-09-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 10.82  
EASTBOUND MAILINE (LEFT SHOULDER)**



**DAMAGED MEDIAN BARRIER WALL AND MISSING COVER ON PULL BOX**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-023  
DATE: 09-09-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 12.22  
EASTBOUND MAILINE (RIGHT SHOULDER)**



**SPALL ON ABUTMENT 1 (BRIDGE # 870966)**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-024  
DATE: 09-09-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 12.22  
EASTBOUND MAILINE**



**SEDIMENT AND DEBRIS ON BRIDGE EXPANSION JOINTS (BRIDGE # 870966)  
(TYPICAL THROUGHOUT)**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-025  
DATE: 09-09-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 12.4  
EASTBOUND MAILINE (RIGHT SHOULDER)**



**DETACHED PULL BOX COVER (BRIDGE # 870968)**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-026  
DATE: 09-09-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 12.42  
EASTBOUND MAILINE (RIGHT SHOULDER)**



**MISSING HANDHOLE COVER (POLE ID # 11-9A-1-2)**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-027  
DATE: 09-09-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 12.54  
EASTBOUND MAILINE (RIGHT SHOULDER)**



**DETERIORATED CLASS V COATING ON BARRIER AND OPAQUE WALLS**

**ITEM NOTED TO BE ADDRESSED BY MDX WORK PROGRAM No. 30037**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

## GENERAL ENGINEERING CONSULTANT INSPECTION AND EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM

### DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES PHOTOGRAPHIC INVENTORY

PHOTO NO.: EB-028  
DATE: 09-09-2020

ROADWAY INSPECTION  
LOCATION: MILE MARKER 10.26  
EASTBOUND OFF-RAMP TO NW 42<sup>nd</sup> AVENUE SOUTH  
(LEFT SHOULDER)



**GRAFITTI ON SIGN PANELS AND CONTROLER BOX**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**

**SR 836 RDWY WB**

# MDX ANNUAL ROADWAY INSPECTION

2020

WORK IDENTIFIED UNDER COMMENTS COLUMN IS BEING ADDRESSED UNDER THE SPECIFIED MDX PROJECT INDICATED IN THE PHOTOGRAPHS

STATE ROAD: SR-836 DOLPHIN EXPRESSWAY  
DIRECTION: WESTBOUND

DATE: 9/14/2020  
INSPECTED BY: O. SANCHEZ

ASSET	COMMENTS	PHOTO NUMBER
<b>ROADWAY</b>		
ROADWAY PAVEMENT (ASPHALT)	DETERIORATED ASPHALT REPAIRS, DETERIORATED FRICTION COURSE	WB-012, WB-022 & WB-028
ROADWAY PAVEMENT (CONCRETE)	No Work Needs Were Identified	
SHOULDER PAVEMENT	No Work Needs Were Identified	
RUTTING	No Work Needs Were Identified	
POTHOLE	No Work Needs Were Identified	
DEPRESSION	No Work Needs Were Identified	
SLOPE	No Work Needs Were Identified	
MISCELLANEOUS ASPHALT	No Work Needs Were Identified	
<b>DRAINAGE</b>		
DITCH PAVEMENT / FLUME	No Work Needs Were Identified	
SIDE DRAIN	No Work Needs Were Identified	
CROSS DRAIN	No Work Needs Were Identified	
STORM DRAIN	No Work Needs Were Identified	
END WALLS / OUT FALL	UNFINISHED REPAIRS	WB-027
GUTTER DRAIN	No Work Needs Were Identified	
BARRIER WALL INLET	No Work Needs Were Identified	
MEDIAN BARRIER INLET	No Work Needs Were Identified	
CURB INLET	No Work Needs Were Identified	
RIP-RAP	No Work Needs Were Identified	
SLOPE PROTECTION	No Work Needs Were Identified	
BOX CULVERT	No Work Needs Were Identified	
DITCH BOTTON INLET	No Work Needs Were Identified	
OTHER	No Work Needs Were Identified	
<b>STRUCTURAL</b>		
SOUND WALL	GRAFFITI ON SOUND WALL	WB-003
CURB & GUTTER	No Work Needs Were Identified	
CONCRETE MEDIAN	DETERIORATED CLASS V COATING	WB-015
BARRIER WALL	GRAFFITI ON BARRIER WALL, CRACK ON BARRIER WALL	WB-007, WB-008, WB-016 & WB-026
BARRIER WALL (MEDIAN)	No Work Needs Were Identified	
RETAINING WALL	DETERIORATED CLASS V COATING	WB-013
REINFORCED EARTH WALL	No Work Needs Were Identified	
CLASS V COATING	No Work Needs Were Identified	
DRILL SHAFT	GRAFFITI ON DRILL SHAFT	WB-002
<b>BARRIERS AND FENCES</b>		
FENCE	No Work Needs Were Identified	
GUARDRAIL	No Work Needs Were Identified	
ATTENUATOR	GRAFFITI ON REFLECTIVE SHEETING	WB-021
THRIE-BEAM GUARDRAIL	No Work Needs Were Identified	
END SECTION	No Work Needs Were Identified	
<b>PAVEMENT MARKINGS / SIGNAGE</b>		
PAVEMENT MESSAGE	No Work Needs Were Identified	
STRIPING / HIGH PERFORMANCE TAPE	DETERIORATED HIGH PERFORMANCE TAPE ON BRIDGE DECK	EB-029
REFLECTIVE PAVEMENT MARKERS	No Work Needs Were Identified	
OVERHEAD SIGN STRUCTURE	No Work Needs Were Identified	
OBJECT MARKER	No Work Needs Were Identified	
TRAFFIC DELINEATOR	No Work Needs Were Identified	
GUIDE POST	No Work Needs Were Identified	
REGULATORY SIGN	No Work Needs Were Identified	
SIGN POSTS	No Work Needs Were Identified	



**MDX ANNUAL ROADWAY INSPECTION****2020**

WORK IDENTIFIED UNDER COMMENTS COLUMN IS BEING ADDRESSED UNDER THE SPECIFIED MDX PROJECT INDICATED IN THE PHOTOGRAPHS

STATE ROAD: SR-836 DOLPHIN EXPRESSWAY  
DIRECTION: WESTBOUND

DATE: 9/14/2020  
INSPECTED BY: O. SANCHEZ

ASSET	COMMENTS	PHOTO NUMBER
GUIDE SIGN	TWISTED SIGN PANEL & BENT SIGN PANEL CORNER / GRAFITTI ON BACK SIDE OF SIGN PANEL / KNOCKED DOWN SIGN DUE TO VEHICULAR ACCIDENT, DETERIORATED REFLECTIVE SHEETING ON SIGN PANEL, DAMAGED ILLUMINATED CHEVRONS	WB-006, WB-007, WB-009, WB-019 & WB-023
WARNING SIGN	KNOCKED DOWN SIGN DUE TO VEHICULAR ACCIDENT	WB-014 & WB-024
<b>ELECTRICAL</b>		
LIGHT POLE	No Work Needs Were Identified	
BASE	No Work Needs Were Identified	
WALL MOUNTED LIGHT FIXTURE	No Work Needs Were Identified	
PULL BOX	No Work Needs Were Identified	
HANDHOLE COVER	No Work Needs Were Identified	
LUMINAIRE	No Work Needs Were Identified	
JUNCTION BOX	No Work Needs Were Identified	
<b>ITS</b>		
ITS LOAD CENTER	No Work Needs Were Identified	
ITS PULL BOX	No Work Needs Were Identified	
ITS ROUTE MARKERS	No Work Needs Were Identified	
ITS MANHOLE	No Work Needs Were Identified	
OTHER	No Work Needs Were Identified	
<b>BRIDGES</b>		
BRIDGE STRUCTURE	No Work Needs Were Identified	
STEEL BRIDGE PAINT	No Work Needs Were Identified	
POST & BEAM RAILING	No Work Needs Were Identified	
DECK	DETERIORATED BRIDGE DECK OVERLAY	WB-001
BARRIER WALL	No Work Needs Were Identified	
DRAINAGE SLOT	No Work Needs Were Identified	
EXPANSION JOINTS	DAMAGED POLYMER NOSING JOINT HEADER, SILT AND DEBRIS ON EXPANSION JOINTS	WB-005, WB-017, WB-018 & WB-025
MARINE FENDER SYSTEM	No Work Needs Were Identified	
PLATFORM	No Work Needs Were Identified	
DRAINAGE MEMBRANE	SILTED DRAINAGE MEMBRANE	WB-010
DOWN SPOUT	No Work Needs Were Identified	
MSE WALL JOINTS	No Work Needs Were Identified	
COLUMNS	GRAFFITI ON BRIDGE COLUMN	WB-004
ABUTMENT	WATER STAINS ON ABUTMENT AND WING WALL	WB-010 & WB-011
<b>VEGETATION / AESTHETICS</b>		
TREE TRIMMING	No Work Needs Were Identified	
OVERGROWN VEGETATION	PALM FRONDS OBSTRUCTING SIGN	WB-020
ROADWAY MOWING	No Work Needs Were Identified	
TURF CONDITION	No Work Needs Were Identified	
LANDSCAPING	No Work Needs Were Identified	
GRAFFITI	No Work Needs Were Identified	
DEBRIS / LITTER REMOVAL	No Work Needs Were Identified	



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-001  
DATE: 09-11-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 12.4 MILES  
WESTBOUND MAINLINE**



**DETERIORATED BRIDGE DECK OVERLAY (BRIDGE # 870145)  
AND (BRIDGE # 870135)**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-002  
DATE: 09-11-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 12.1 MILES  
WESTBOUND MAINLINE (LEFT SHOULDER)**



**GRAFITTI ON DRILL-SHAFT**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-003  
DATE: 09-11-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 11.7 MILES  
WESTBOUND MAINLINE (RIGHT SHOULDER)**



**GRAFFITI ON SOUND WALL**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-004  
DATE: 09-11-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 10.39 MILES  
WESTBOUND MAINLINE (RIGHT SHOULDER)**



**GRAFITTI ON BRIDGE COLUMN**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-005  
DATE: 09-11-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 10.31 MILES  
WESTBOUND MAINLINE**



**DAMAGED POLYMER NOSING JOINT HEADER (BRIDGE No. 870138)**

**ITEM NOTED TO BE ADDRESSED BY MDX WORK PROGRAM No. 30029**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-006  
DATE: 09-11-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 10.03 MILES  
WESTBOUND MAINLINE (RIGHT SHOULDER)**



**TWISTED SIGN PANEL / BENT LEFT CORNER OF SIGN PANEL**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-007  
DATE: 09-11-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 8.71 MILES  
WESTBOUND MAINLINE (RIGHT SHOULDER)**



**GRAFITTI ON THE BACK OF THE SIGN PANEL AND ON THE BARRIER WALL  
(END BENT 6)**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-008  
DATE: 09-11-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 8.20 MILES  
WESTBOUND MAINLINE (LEFT SHOULDER)**



**GRAFFITI ON MEDIAN BARRIER WALL**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON CONTRACTS**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-009  
DATE: 09-11-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 6.67 MILES  
WESTBOUND OFF-RAMP TO SR 826 NORTHBOUND  
(RIGHT SHOULDER)**



**DOWN MERGE SIGN DUE TO VEHICULAR ACCIDENT**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-010  
DATE: 09-11-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 6.74 MILES  
SR 836 WESTBOUND OFF- RAMP TO SR 826 SOUTHBOUND**



**WATER STAINS FROM CLOGGED BRIDGE DRAINAGE (BRIDGE # 871046)**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-011  
DATE: 09-11-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 6.74 MILES  
SR 826 NORTHBOUND OFF-RAMP TO WESTBOUND SR 836**



**WATER STAINS FROM CLOGGED BRIDGE DRAINAGE (BRIDGE # 870078)**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-012  
DATE: 09-11-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 3.78 MILES  
WESTBOUND OFF-RAMP TO NW 107<sup>th</sup> AVENUE NORTH**



**DETERIORATED ASPHALT REPAIR**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-013  
DATE: 09-11-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 6.70 MILES  
WESTBOUND OFF-RAMP TO NW 107<sup>th</sup> AVENUE NORTH  
(LEFT SHOULDER)**



**DETERIORATED CLASS V COATING ON RETAINING WALL**

**ITEM NOTED TO BE ADDRESSED BY MDX WORK PROGRAM No. 30037**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-014  
DATE: 09-11-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 4.20 MILES  
WESTBOUND OFF-RAMP TO NW 107<sup>th</sup> AVENUE NORTH  
(LEFT SHOULDER)**



**DOWN SIGN DUE TO VEHICULAR ACCIDENT**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-015  
DATE: 09-11-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 4.80 TO 0.00 MILES  
WESTBOUND MAINLINE (LEFT SHOULDER)**



**DETERIORATED CLASS V COATING ON BARRIER WALL AND CONCRETE MEDIAN**

**ITEM NOTED TO BE ADDRESSED BY MDX WORK PROGRAM No. 30037**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-016  
DATE: 09-11-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 2.20 MILES  
WESTBOUND MAINLINE (RIGHT SHOULDER)**



**GRAFFITI ON BARRIER WALL (BRIDGE No. 871003)**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-017  
DATE: 09-11-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 2.20 MILES  
WESTBOUND MAINLINE**



**SEDIMENT AND DEBRIS ACCUMULATED ON BRIDGE  
EXPANSION JOINTS (BRIDGE No. 871003)**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-018  
DATE: 09-11-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 1.55 MILES  
WESTBOUND MAINLINE**



**SEDIMENT AND DEBRIS ACCUMULATED ON BRIDGE  
EXPANSION JOINTS (BRIDGE No. 871002)**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-019  
DATE: 09-11-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 0.85 MILES  
WESTBOUND MAINLINE**



**DETERIORATED REFLECTIVE SHEETING ON SIGN PANEL**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-020  
DATE: 09-11-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 0.65 MILES  
WESTBOUND MAINLINE (RIGHT SHOULDER)**



**PALM FRONDS OBSTRUCTING SIGN**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-021  
DATE: 09-11-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 6.60 MILES  
WESTBOUND OFF-RAMP TO NW 137<sup>th</sup> AVENUE**



**GRAFFITI ON ATTENUATOR REFLECTIVE SHEETING**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-022  
DATE: 09-11-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 0.40 MILES  
WESTBOUND OFF-RAMP TO SOUTHBOUND  
NW 137<sup>th</sup> AVENUE**



**DETERIORATED FRICTION COURSE DUE TO NUMEROUS VEHICULAR ACCIDENTS**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-023  
DATE: 09-14-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 0.40 MILES  
WESTBOUND OFF-RAMP TO SOUTHBOUND  
NW 137<sup>th</sup> AVENUE**



**FIVE DAMAGED ILLUMINATED CHEVRONS DUE TO VEHICULAR ACCIDENTS**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-024  
DATE: 09-11-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 8.69 MILES  
WESTBOUND ON-RAMP FROM NW 57<sup>th</sup> AVENUE**



**DAMAGED GUIDE SIGN DUE TO VEHICULAR ACCIDENTS**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-025  
DATE: 09-11-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 6.68 MILES  
WESTBOUND CD RAMP TO NW 87<sup>th</sup> AVENUE**



**SILT AND DEBRIS ACCUMULATED ON BRIDGE EXPANSION JOINTS  
(BRIDGE # 871081)**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-026  
DATE: 09-14-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 6.78 MILES  
WESTBOUND OFF-RAMP TO SR 826 SOUTHBOUND  
(RIGHT SHOULDER)**



**CRACKED BARRIER WALL**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-027  
DATE: 09-14-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 10.36 MILES  
NORTHBOUND ON-RAMP FROM LE JEUNE RD. TO SR 836  
WESTBOUND (RIGHT SHOULDER)**



**UNFINISHED OUTFALL REPAIR**

**ITEM NOTED TO BE ADDRESSED BY MDX 83628 WARRANTY**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-028  
DATE: 09-11-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 4.20 MILES  
WESTBOUND MAINLINE (INSIDE LANE)**



**DAMAGED ASPHALT PAVEMENT FRICTION COURSE**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-029  
DATE: 09-30-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 1.55 MILES  
WESTBOUND MAINLINE**



**DETERIORATED HIGH PERFORMANCE TAPE (BRIDGE No. 871002)  
TYPICAL AT VARIOUS LOCATIONS**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**



**SR 874 RDWY NB**

## **MDX ANNUAL ROADWAY INSPECTION**

### **2020**

WORK IDENTIFIED UNDER COMMENTS COLUMN IS BEING ADDRESSED UNDER THE SPECIFIED MDX PROJECT INDICATED IN THE PHOTOGRAPHS

STATE ROAD: SR-874 DON SHULA EXPRESSWAY  
DIRECTION: NORTHBOUND

DATE: 8/5/2020  
INSPECTED BY: O. SANCHEZ

ASSET	COMMENTS	PHOTO NUMBER
<b>ROADWAY</b>		
ROADWAY PAVEMENT	No Work Needs Were Identified	
SHOULDER PAVEMENT	No Work Needs Were Identified	
RUTTING	No Work Needs Were Identified	
POT HOLE	No Work Needs Were Identified	
DEPRESSION	No Work Needs Were Identified	
MISCELLANEOUS ASPHALT	No Work Needs Were Identified	
<b>DRAINAGE</b>		
DITCH PAVEMENT	No Work Needs Were Identified	
SIDE DRAIN	No Work Needs Were Identified	
CROSS DRAIN	No Work Needs Were Identified	
STORM DRAIN	No Work Needs Were Identified	
END WALLS/OUT FALL	No Work Needs Were Identified	
GUTTER INLET	No Work Needs Were Identified	
BARRIER WALL INLET	No Work Needs Were Identified	
MEDIAN BARRIER INLET	No Work Needs Were Identified	
DRAINAGE INLET	No Work Needs Were Identified	
RIP-RAP	No Work Needs Were Identified	
SLOPE PROTECTION	No Work Needs Were Identified	
DITCH BOTTOM INLET	No Work Needs Were Identified	
<b>STRUCTURAL</b>		
SHOULDER GUTTER	No Work Needs Were Identified	
CURB & GUTTER	No Work Needs Were Identified	
SOUND WALL	No Work Needs Were Identified	
BARRIER WALL	No Work Needs Were Identified	
REINFORCED EARTH WALL	No Work Needs Were Identified	
SIDEWALK	No Work Needs Were Identified	
OTHERS	<b>DETERIORATED PAINT ON SIGN STRUCTURE MONOTUBE</b>	<b>NB-003</b>
<b>BARRIERS AND FENCES</b>		
FENCE	No Work Needs Were Identified	
GUARDRAIL	No Work Needs Were Identified	
ATTENUATOR	<b>GRAFFITI ON REFLECTIVE SHEETING</b>	<b>NB-004</b>
<b>PAVEMENT MARKINGS / SIGNAGE</b>		
PAVEMENT ARROWS	No Work Needs Were Identified	
PAVEMENT MESSAGE	No Work Needs Were Identified	
STRIPING	No Work Needs Were Identified	
REFLECTIVE PAVEMENT MARKERS	No Work Needs Were Identified	
RETROREFLECTIVE SHIELD	No Work Needs Were Identified	
OVERHEAD SIGN STRUCTURES	No Work Needs Were Identified	
TRAFFIC DELINEATORS	No Work Needs Were Identified	
OBJECT MARKER	No Work Needs Were Identified	
REGULATORY SIGN	No Work Needs Were Identified	
INFORMATION SIGN	No Work Needs Were Identified	
REFLECTOR SIGN	No Work Needs Were Identified	
GUIDE SIGN	No Work Needs Were Identified	
WARNING SIGN	No Work Needs Were Identified	
<b>ELECTRICAL</b>		
BASE	No Work Needs Were Identified	
LIGHT POLE	No Work Needs Were Identified	
LIGHT POLE FOUNDATION	No Work Needs Were Identified	
HARDWARE	No Work Needs Were Identified	
PULL BOX	No Work Needs Were Identified	
HANDHOLE COVER	No Work Needs Were Identified	
LIGHTING	No Work Needs Were Identified	
OTHER	No Work Needs Were Identified	

**MDX ANNUAL ROADWAY INSPECTION****2020**

WORK IDENTIFIED UNDER COMMENTS COLUMN IS BEING ADDRESSED UNDER THE SPECIFIED MDX PROJECT INDICATED IN THE PHOTOGRAPHS

STATE ROAD: SR-874 DON SHULA EXPRESSWAY  
DIRECTION: NORTHBOUND

DATE: 8/5/2020  
INSPECTED BY: O. SANCHEZ

ASSET	COMMENTS	PHOTO NUMBER
<b>BRIDGES</b>		
EXPANSION JOINTS	DETERIORATED POLIMER NOSING JOINT HEADER	NB-001
DECK	No Work Needs Were Identified	
TRAFFIC RAILING	No Work Needs Were Identified	
SLOPE PAVEMENT	No Work Needs Were Identified	
DRAINAGE PIPE	SILTED BRIDGE DRAINAGE INLETS	NB-005
<b>ITS</b>		
ITS LOAD CENTER	No Work Needs Were Identified	
ITS PULL BOX	No Work Needs Were Identified	
ITS ROUTE MARKERS	No Work Needs Were Identified	
ITS MANHOLE	No Work Needs Were Identified	
MVDS POLE	No Work Needs Were Identified	
FIBER OPTIC	No Work Needs Were Identified	
SPLICE VAULT	No Work Needs Were Identified	
<b>VEGETATION / AESTHETICS</b>		
TREE TRIMMING	No Work Needs Were Identified	
ROADWAY MOWING	No Work Needs Were Identified	
TURF	No Work Needs Were Identified	
DEBRIS	No Work Needs Were Identified	
LANDSCAPING	No Work Needs Were Identified	
LITTER REMOVAL	No Work Needs Were Identified	
OVERGROWN VEGETATION	OVERGROWN VEGETATION OBSTRUCTING SPEED LIMIT SIGN	NB-002
PALM	No Work Needs Were Identified	





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DON SHULA EXPRESSWAY (SR-874): 7.20 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: NB-001  
DATE: 08-05-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 1.66 MILES  
NORTHBOUND MAINLINE**



**DETERIORATED POLYMER NOSING JOINT HEADER (BRIDGE # 870462)**

**ITEM NOTED TO BE ADDRESSED BY MDX WORK PROGRAM No. 30029**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DON SHULA EXPRESSWAY (SR-874): 7.20 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: NB-002  
DATE: 08-05-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 3.06 MILES  
NORTHBOUND MAINLINE (RIGHT SHOULDER)**



**OVERGROWN VEGETATION OBSTRUCTING SIGN**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DON SHULA EXPRESSWAY (SR-874): 7.20 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: NB-003  
DATE: 08-11-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 3.37 MILES  
NORTHBOUND MAINLINE (RIGHT SHOULDER)**



**DETERIORATED PAINT ON SIGN STRUCTURE MONOTUBE (STRUCTURE # 87A053)**

**ITEM NOTED TO BE ADDRESSED BY MDX WORK PROGRAM No. 30047**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

## GENERAL ENGINEERING CONSULTANT INSPECTION AND EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM

### DON SHULA EXPRESSWAY (SR-874): 7.20 MILES PHOTOGRAPHIC INVENTORY

**PHOTO NO.: NB-004**  
**DATE: 08-06-2020**

**ROADWAY INSPECTION**  
**LOCATION: MILE MARKER 3.88 MILES**  
**NORTHBOUND ON-RAMP FROM KENDALL DR.**



**GRAFFITI ON ATTENUATOR REFLECTIVE SHEETING**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DON SHULA EXPRESSWAY (SR-874): 7.20 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: NB-005  
DATE: 08-06-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 4.0 TO 4.4 MILES  
NORTHBOUND ON-RAMP FROM KENDALL DR.**



**SILTED DRAINAGE INLET BRIDGE # 871024  
(TYPICAL AT VARIOUS LOCATIONS)**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**

**SR 874 RDWY SB**



## MDX ANNUAL ROADWAY INSPECTION

**2020**

WORK IDENTIFIED UNDER COMMENTS COLUMN IS BEING ADDRESSED UNDER THE SPECIFIED MDX PROJECT INDICATED IN THE PHOTOGRAPHS

STATE ROAD: SR-874 DON SHULA EXPRESSWAY  
DIRECTION: SOUTHBOUND

DATE: 8/11/2020  
INSPECTED BY: O. SANCHEZ

ASSET	COMMENTS	PHOTO NUMBER
<b>ROADWAY</b>		
ROADWAY PAVEMENT	No Work Needs Were Identified	
SHOULDER PAVEMENT	No Work Needs Were Identified	
RUTTING	No Work Needs Were Identified	
POTHOLE	No Work Needs Were Identified	
DEPRESSION	No Work Needs Were Identified	
MISCELLANEOUS ASPHALT	No Work Needs Were Identified	
OTHER	No Work Needs Were Identified	
<b>DRAINAGE</b>		
DITCH PAVEMENT	No Work Needs Were Identified	
SIDE DRAIN	No Work Needs Were Identified	
CROSS DRAIN	No Work Needs Were Identified	
STORM DRAIN	No Work Needs Were Identified	
END WALLS	No Work Needs Were Identified	
GUTTER INLET	No Work Needs Were Identified	
GUTTER DRAIN	No Work Needs Were Identified	
BARRIER WALL INLET	No Work Needs Were Identified	
MEDIAN BARRIER INLET	No Work Needs Were Identified	
CURB INLET	No Work Needs Were Identified	
RIP-RAP	No Work Needs Were Identified	
SLOPE PROTECTION	No Work Needs Were Identified	
CONTROL PANEL	No Work Needs Were Identified	
<b>STRUCTURAL</b>		
SHOULDER GUTTER	No Work Needs Were Identified	
CURB & GUTTER	No Work Needs Were Identified	
SOUND WALL	<b>DETERIORATED CLASS V COATING</b>	<b>SB-003</b>
BARRIER WALL	No Work Needs Were Identified	
REINFORCED EARTH WALL	No Work Needs Were Identified	
SIDEWALK	No Work Needs Were Identified	
SIGN STRUCTURE	No Work Needs Were Identified	
<b>BARRIERS AND FENCES</b>		
FENCE	No Work Needs Were Identified	
GUARDRAIL	No Work Needs Were Identified	
END SECTION	No Work Needs Were Identified	
ATTENUATOR	No Work Needs Were Identified	
<b>PAVEMENT MARKINGS / SIGNAGE</b>		
PAVEMENT MESSAGE	<b>DETERIORATED THERMOPLASTIC PAVEMENT MESSAGE AND ARROWS</b>	<b>SB-007</b>
STRIPING	No Work Needs Were Identified	
REFLECTIVE PAVEMENT MARKERS	No Work Needs Were Identified	
RETROREFLECTIVE SHIELD	No Work Needs Were Identified	
OVERHEAD SIGN STRUCTURES	<b>DETERIORATED PAINT ON SIGN STRUCTURE MONOTUBE</b>	<b>SB-005</b>
OBJECT MARKER	No Work Needs Were Identified	
REGULATORY SIGN	No Work Needs Were Identified	
GUIDE SIGN	No Work Needs Were Identified	
WARNING SIGN	No Work Needs Were Identified	
SIGN FOUNDATION		
<b>ELECTRICAL</b>		
LIGHT POLE	No Work Needs Were Identified	
BASE	No Work Needs Were Identified	
FOUNDATION	No Work Needs Were Identified	
PULL BOX	No Work Needs Were Identified	
HANDHOLE COVER	No Work Needs Were Identified	
OTHER	No Work Needs Were Identified	

**MDX ANNUAL ROADWAY INSPECTION****2020**

WORK IDENTIFIED UNDER COMMENTS COLUMN IS BEING ADDRESSED UNDER THE SPECIFIED MDX PROJECT INDICATED IN THE PHOTOGRAPHS

STATE ROAD: SR-874 DON SHULA EXPRESSWAY  
DIRECTION: SOUTHBOUNDDATE: 8/11/2020  
INSPECTED BY: O. SANCHEZ

ASSET	COMMENTS	PHOTO NUMBER
<b>BRIDGES</b>		
EXPANSION JOINTS	DAMAGED POLYMER NOSING JOINT HEADER	SB-001 & SB-002
DECK	No Work Needs Were Identified	
TRAFFIC RAILING	No Work Needs Were Identified	
SLOPE PAVEMENT	No Work Needs Were Identified	
GIRDERS / COLUMNS / PIER CAPS	DETERIORATED CLASS V COATING	SB-008
<b>ITS</b>		
ITS LOAD CENTER	No Work Needs Were Identified	
ITS PULL BOX	No Work Needs Were Identified	
ITS ROUTE MARKERS	No Work Needs Were Identified	
ITS MANHOLE	No Work Needs Were Identified	
MVDS POLE	No Work Needs Were Identified	
LOOP DETECTOR	DETERIORATED LOPP DETECTOR SEALANT	SB-006
ORT GANTRY	DETERIORATED PAINT ON MONOTUBE	SB-004 & SB-009
<b>VEGETATION / AESTHETICS</b>		
TREE TRIMMING	No Work Needs Were Identified	
ROADWAY MOWING	No Work Needs Were Identified	
TURF CONDITION	No Work Needs Were Identified	
DEBRIS	No Work Needs Were Identified	
LANDSCAPING	No Work Needs Were Identified	
LITTER REMOVAL	No Work Needs Were Identified	
OVERGROWN VEGETATION	No Work Needs Were Identified	
PALM	No Work Needs Were Identified	



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DON SHULA EXPRESSWAY (SR-874): 7.20 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: SB-001  
DATE: 08-05-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 5.0 MILES  
SOUTHBOUND MAINLINE**



**DETERIORATED POLYMER NOSING BRIDGE JOINT HEADER (BRIDGE # 870522)**

**ITEM NOTED TO BE ADDRESSED BY MDX WORK PROGRAM No. 30029**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DON SHULA EXPRESSWAY (SR-874): 7.20 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: SB-002  
DATE: 08-05-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 4.06 MILES  
SOUTHBOUND MAINLINE**



**DAMAGED POLYMER NOSING JOINT HEADER (BRIDGE # 870495)**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DON SHULA EXPRESSWAY (SR-874): 7.20 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: SB-003  
DATE: 08-05-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 3.25 MILES  
SOUTHBOUND MAINLINE (RIGHT SHOULDER)**



**DETERIORATED CLASS V COATING ON SOUND WALLS  
(TYPICAL THROUGHOUT THE CORRIDOR)**

**ITEM NOTED TO BE ADDRESSED BY MDX WORK PROGRAM No. 30037**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DON SHULA EXPRESSWAY (SR-874): 7.20 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: SB-004  
DATE: 08-05-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 2.74 MILES  
SOUTHBOUND MAINLINE**



**DETERIORATED PAINT ON ORT GANTRY MONOTUBE STRUCTURE**

**ITEM NOTED TO BE ADDRESSED BY MDX WORK PROGRAM No. 30047**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

## GENERAL ENGINEERING CONSULTANT INSPECTION AND EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM

### DON SHULA EXPRESSWAY (SR-874): 7.20 MILES PHOTOGRAPHIC INVENTORY

**PHOTO NO.: SB-005**  
**DATE: 08-11-2020**

**ROADWAY INSPECTION**  
**LOCATION: MILE MARKER 3.44 MILES**  
**SOUTHBOUND MAINLINE (RIGHT SHOULDER)**



**DETERIORATED PAINT ON SIGN STRUCTURE UPRIGHTS AND MONOTUBE  
(STRUCTURE #87A051)**

**ITEM NOTED TO BE ADDRESSED BY MDX WORK PROGRAM No. 30037 & 30047**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DON SHULA EXPRESSWAY (SR-874): 7.20 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: SB-006  
DATE: 08-11-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 2.74 MILES  
SOUTHBOUND MAINLINE**



**DETERIORATED TOLLS LOOP DETECTOR SEALANT**

**ITEM NOTED TO BE ADDRESSED BY MDX TOLL SYSTEMS INTEGRATOR**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

## GENERAL ENGINEERING CONSULTANT INSPECTION AND EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM

### DON SHULA EXPRESSWAY (SR-874): 7.20 MILES PHOTOGRAPHIC INVENTORY

**PHOTO NO.: SB-007**  
**DATE: 08-11-2020**

**ROADWAY INSPECTION**  
**LOCATION: MILE MARKER 2.77 & 2.87 MILES**  
**SOUTHBOUND MAINLINE (LANES 3 & 4)**



**DETERIORATED THERMOPLASTIC PAVEMENT MESSAGE AND ARROWS**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DON SHULA EXPRESSWAY (SR-874): 7.20 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: SB-008  
DATE: 08-05-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 2.16 MILES  
SOUTHBOUND OFF-RAMP TO SW 107<sup>TH</sup> AVENUE**



**DETERIORATED CLASS V COATING ON BRIDGE STRUCTURE  
(BRIDGE # 870543) TYPICAL THROUGHOUT THE CORRIDOR**

**ITEM NOTED TO BE ADDRESSED BY MDX WORK PROGRAM NO. 30037**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DON SHULA EXPRESSWAY (SR-874): 7.20 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: SB-009  
DATE: 08-05-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 1.36 MILES  
SOUTHBOUND MAINLINE**



**DETERIORATED PAINT ON SIGN STRUCTURE UPRIGHTS AND  
MONOTUBE (STRUCTURE # 87S937)**

**ITEM NOTED TO BE ADDRESSED BY MDX WORK PROGRAM NO. 30037 & 30047**

**SR 878 RDWY EB**



**MDX ANNUAL ROADWAY INSPECTION****2020**

WORK IDENTIFIED UNDER COMMENTS COLUMN IS BEING ADDRESSED UNDER THE SPECIFIED MDX PROJECT INDICATED IN THE PHOTOGRAPHS

STATE ROAD: SR-878 SNAPPER CREEK EXPRESSWAY  
DIRECTION: EASTBOUND

DATE: 8/3/2020  
INSPECTED BY: O. SANCHEZ

ASSET	COMMENTS	PHOTO NUMBER
ROADWAY		
ROADWAY PAVEMENT	DETERIORATED ASPHALT	EB-003
SHOULDER PAVEMENT	No Work Needs Were Identified	
RUTTING	No Work Needs Were Identified	
POTHOLE	No Work Needs Were Identified	
DEPRESSION	No Work Needs Were Identified	
OTHER	No Work Needs Were Identified	
DRAINAGE		
DITCH PAVEMENT	No Work Needs Were Identified	
SIDE DRAIN	No Work Needs Were Identified	
CROSS DRAIN	No Work Needs Were Identified	
STORM DRAIN	No Work Needs Were Identified	
END WALLS	No Work Needs Were Identified	
GUTTER INLET	No Work Needs Were Identified	
BARRIER WALL INLET	No Work Needs Were Identified	
MEDIAN BARRIER INLET	No Work Needs Were Identified	
CURB INLET	No Work Needs Were Identified	
INLET	No Work Needs Were Identified	
RIP-RAP	No Work Needs Were Identified	
SLOPE PROTECTION	No Work Needs Were Identified	
OTHER	No Work Needs Were Identified	
STRUCTURAL		
SHOULDER GUTTER	No Work Needs Were Identified	
CURB & GUTTER	No Work Needs Were Identified	
BARRIER WALL	No Work Needs Were Identified	
RETAINING WALL	No Work Needs Were Identified	
REINFORCED EARTH WALL	No Work Needs Were Identified	
SIDEWALK	No Work Needs Were Identified	
OTHER	No Work Needs Were Identified	
BARRIERS AND FENCES		
FENCE	No Work Needs Were Identified	
GUARDRAIL	No Work Needs Were Identified	
END TREATMENT	No Work Needs Were Identified	
ATTENUATOR	No Work Needs Were Identified	
PAVEMENT MARKINGS / SIGNAGE		
PAVEMENT MESSAGE/ MARKING	No Work Needs Were Identified	
STRIPING	DETERIORATED THERMOPLASTIC STRIPING	EB-008 & EB-009
REFLECTIVE PAVEMENT MARKERS	No Work Needs Were Identified	
OVERHEAD SIGN STRUCTURES	DETERIORATED PAINT ON SIGN STRUCTURE MONOTUBE	EB-004
OBJECT MARKER	No Work Needs Were Identified	
REGULATORY SIGN	No Work Needs Were Identified	
GUIDE SIGN	DETERIORATED REFLECTIVE SHEETING	EB-001 & EB-006
REFLECTOR SIGN	No Work Needs Were Identified	
WARNING SIGN	GRAFFITI ON SIGN PANEL	EB-010
ELECTRICAL		
LIGHT POLE	No Work Needs Were Identified	
PULL BOX	No Work Needs Were Identified	
HANDHOLE COVER	No Work Needs Were Identified	
FLASHING TRAFFIC SIGNAL AHEAD SIGN	No Work Needs Were Identified	
ITS		
ITS LOAD CENTER	No Work Needs Were Identified	
ITS PULL BOX	No Work Needs Were Identified	
ITS ROUTE MARKERS	No Work Needs Were Identified	
ITS MANHOLE	No Work Needs Were Identified	
MVDS POLE	No Work Needs Were Identified	
ORT GANTRY	DETERIORATED PAINT ON MONOTUBE	EB-005

**MDX ANNUAL ROADWAY INSPECTION****2020**

WORK IDENTIFIED UNDER COMMENTS COLUMN IS BEING ADDRESSED UNDER THE SPECIFIED MDX PROJECT INDICATED IN THE PHOTOGRAPHS

STATE ROAD: SR-878 SNAPPER CREEK EXPRESSWAY  
DIRECTION: EASTBOUND

DATE: 8/3/2020  
INSPECTED BY: O. SANCHEZ

ASSET	COMMENTS	PHOTO NUMBER
<b>BRIDGE</b>		
STRUCTURE COATING	No Work Needs Were Identified	
DRAINAGE INLET	<b>SILTED INLET ON BRIDGE DECK</b>	<b>EB-007</b>
EXPANSION JOINTS	<b>DETERIORATED EXPANSION JOINT</b>	<b>EB-002</b>
<b>VEGETATION / AESTHETICS</b>		
TREE TRIMMING	No Work Needs Were Identified	
ROADWAY MOWING	No Work Needs Were Identified	
TURF CONDITION	No Work Needs Were Identified	
LANDSCAPING	No Work Needs Were Identified	
OVERGROWN VEGETATION	No Work Needs Were Identified	



General Engineering Consultant to the  
Miami-Dade Expressway Authority

## GENERAL ENGINEERING CONSULTANT INSPECTION AND EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM

### SNAPPER CREEK EXPRESSWAY (SR-878): 3.20 MILES PHOTOGRAPHIC INVENTORY

**PHOTO NO.: EB-001**  
**DATE: 08-03-2020**

**ROADWAY INSPECTION**  
**LOCATION: MILE MARKER 0.65 MILES**  
**EASTBOUND MAINLINE**



**DETERIORATED REFLECTIVE SHEETING ON SIGN PANEL**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**SNAPPER CREEK EXPRESSWAY (SR-878): 1.30 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-002  
DATE: 08-03-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 1.03 MILES  
EASTBOUND MAINLINE**



**DETERIORATED EXPANSION JOINTS (BRIDGE #870557)  
TYPICAL THROUGHOUT THE CORRIDOR**

**ITEM NOTED TO BE ADDRESSED BY MDX WORK PROGRAM No. 30029**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**SNAPPER CREEK EXPRESSWAY (SR-878): 3.20 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-003  
DATE: 08-03-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 1.30 MILES  
EASTBOUND MAINLINE**



**DETERIORATED ASPHALT PAVEMENT**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM  
SNAPPER CREEK EXPRESSWAY (SR-878): 3.200 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-004  
DATE: 08-03-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 1.51 MILES  
EASTBOUND MAINLINE**



**DETERIORATED PAINT ON SIGN STRUCTURE MONOTUBE STRUCTURE No. 87S944  
(TYPICAL THROUGHOUT THE CORRIDOR)**

**ITEM NOTED TO BE ADDRESSED BY MDX WORK PROGRAM 30047**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM  
SNAPPER CREEK EXPRESSWAY (SR-878): 3.200 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-005  
DATE: 08-04-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 2.17 MILES  
EASTBOUND MAINLINE**



**DETERIORATED PAINT ON ORT GANTRY MONOTUBE (STRUCTURE No. 87S935)**

**ITEM NOTED TO BE ADDRESSED BY MDX WORK PROGRAM No. 30043**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM  
SNAPPER CREEK EXPRESSWAY (SR-878): 3.200 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-006  
DATE: 08-03-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 2.20 MILES  
EASTBOUND MAINLINE**



**DETERIORETED REFLECTIVE SHEETING ON SIGN PANEL  
(STRUCTURE # 87S115)**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM  
SNAPPER CREEK EXPRESSWAY (SR-878): 3.200 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-007  
DATE: 08-03-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 2.80 MILES  
EASTBOUND MAINLINE**



**SILTED BRIDGE DRAINAGE INLET BRIDGE #870559  
(TYPICAL AT VARIOUS LOCATIONS)**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM  
SNAPPER CREEK EXPRESSWAY (SR-878): 3.200 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-008  
DATE: 08-04-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 3.20 MILES  
EASTBOUND MAINLINE (LEFT SHOULDER)**



**DETERIORATED THERMOPLASTIC STRIPING IN GORE AREA**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM  
SNAPPER CREEK EXPRESSWAY (SR-878): 3.200 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-009  
DATE: 08-03-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 2.80 MILES  
EASTBOUND OFF-RAMP TO SW 72<sup>ND</sup> AVENUE**



**DETERIORATED THERMOPLASTIC STOP BAR STRIPING**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM  
SNAPPER CREEK EXPRESSWAY (SR-878): 3.200 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-010  
DATE: 08-04-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 1.30 MILES  
EASTBOUND OFF-RAMP TO SW 87<sup>th</sup> AVENUE**



**GRAFFITI ON MEDIAN REFLECTOR SIGNS**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BTTON CONTRACTS**



**SR 878 RDWY WB**

**MDX ANNUAL ROADWAY INSPECTION****2020**

WORK IDENTIFIED UNDER COMMENTS COLUMN IS BEING ADDRESSED UNDER THE SPECIFIED MDX PROJECT INDICATED IN THE PHOTOGRAPHS

STATE ROAD: SR-878 SNAPPER CREEK EXPRESSWAY  
DIRECTION: WESTBOUND

DATE: 8/4/2020  
INSPECTED BY: O. SANCHEZ

ASSET	COMMENTS	PHOTO NUMBER
<b>ROADWAY</b>		
	<b>DETERIORATED ASPHALT PAVEMENT</b>	<b>WB-001</b>
ROADWAY PAVEMENT	No Work Needs Were Identified	
SHOULDER PAVEMENT	No Work Needs Were Identified	
RUTTING	No Work Needs Were Identified	
POTHOLE	No Work Needs Were Identified	
DEPRESSION	No Work Needs Were Identified	
OTHER	No Work Needs Were Identified	
<b>DRAINAGE</b>		
DITCH PAVEMENT	No Work Needs Were Identified	
SIDE DRAIN	No Work Needs Were Identified	
CROSS DRAIN	No Work Needs Were Identified	
STORM DRAIN	No Work Needs Were Identified	
END WALLS	No Work Needs Were Identified	
GUTTER INLET	No Work Needs Were Identified	
BARRIER WALL INLET	No Work Needs Were Identified	
MEDIAN BARRIER INLET	No Work Needs Were Identified	
INLET	No Work Needs Were Identified	
RIP-RAP	No Work Needs Were Identified	
SLOPE PROTECTION	No Work Needs Were Identified	
OTHER	No Work Needs Were Identified	
<b>STRUCTURAL</b>		
SHOULDER GUTTER	No Work Needs Were Identified	
CURB & GUTTER	No Work Needs Were Identified	
BARRIER WALL	<b>DETERIORATED CLASS V</b>	<b>WB-009</b>
RETAINING WALL	No Work Needs Were Identified	
REINFORCED EARTH WALL	No Work Needs Were Identified	
SIDEWALK	No Work Needs Were Identified	
<b>BARRIERS AND FENCES</b>		
FENCE	No Work Needs Were Identified	
GUARDRAIL	No Work Needs Were Identified	
END TREATMENT	No Work Needs Were Identified	
MISCELLANEOUS ASPHALT	No Work Needs Were Identified	
<b>PAVEMENT MARKINGS / SIGNAGE</b>		
PAVEMENT MESSAGE	No Work Needs Were Identified	
STRIPING	No Work Needs Were Identified	
REFLECTIVE PAVEMENT MARKERS	No Work Needs Were Identified	
OVERHEAD SIGN STRUCTURES	<b>GRAFFITI ON STRUCTURE UPRIGHT</b>	<b>WB-008</b>
OBJECT MARKER	No Work Needs Were Identified	
REGULATORY SIGN	<b>DETERIORATED SIGN PANEL</b>	<b>WB-006</b>
GUIDE SIGN	<b>DETERIORATED REFLECTIVE SHEETING</b>	<b>WB-004 &amp; WB-005</b>
REFLECTOR SHIELD	No Work Needs Were Identified	
WARNING SIGN	<b>GRAFFITI ON SIGN PANEL</b>	<b>WB-007 &amp; WB-008</b>
<b>ELECTRICAL</b>		
LIGHT POLE	<b>GRAFFITI ON LIGHT POLE</b>	<b>WB-002</b>
PULL BOX	No Work Needs Were Identified	
OTHER	No Work Needs Were Identified	
<b>ITS</b>		
ITS LOAD CENTER	No Work Needs Were Identified	
ITS PULL BOX	No Work Needs Were Identified	
ITS ROUTE MARKERS	No Work Needs Were Identified	
ITS MANHOLE	No Work Needs Were Identified	
MVDS POLE	No Work Needs Were Identified	
FIBER OPTIC	No Work Needs Were Identified	

<b>BRIDGES</b>		
	<b>DETERIORATED EXPANSION JOINTS</b>	<b>WB-010</b>
EXPANSION JOINTS		
BRIDGE DECK	No Work Needs Were Identified	
CONCRETE SLOPE PAVEMENT	No Work Needs Were Identified	
<b>VEGETATION / AESTHETICS</b>		
INVASIVE VEGETATION	No Work Needs Were Identified	
ROADWAY MOWING	No Work Needs Were Identified	
TURF CONDITION	No Work Needs Were Identified	
LANDSCAPING	No Work Needs Were Identified	
	<b>OVERGROWN VEGETATION OBSTRUCTING SIGN</b>	<b>WB-003</b>
OVERGROWN VEGETATION		
LITTER REMOVAL	No Work Needs Were Identified	





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM  
SNAPPER CREEK EXPRESSWAY (SR-878): 3.20 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-001  
DATE: 08-04-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 3.10 MILES  
WESTBOUND MAINLINE**



**DETERIORATED ASPHALT PAVEMENT**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**SNAPPER CREEK EXPRESSWAY (SR-878): 3.20 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-002  
DATE: 08-03-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 2.88 MILES  
WESTBOUND MAINLINE (RIGHT SHOULDER)**



**GRAFFITI ON LIGHT POLE**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM  
SNAPPER CREEK EXPRESSWAY (SR-878): 3.20 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-003  
DATE: 08-03-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 2.92 MILES  
WESTBOUND MAINLINE (RIGHT SHOULDER)**



**OVERGROWN VEGETATION OBSTRUCTING SIGN**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**SNAPPER CREEK EXPRESSWAY (SR-878): 3.20 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-004  
DATE: 08-03-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 2.20 MILES  
WESTBOUND MAINLINE**



**DETERIORATED REFLECTIVE SHEETING ON SIGN PANEL**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**SNAPPER CREEK EXPRESSWAY (SR-878): 3.20 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-005  
DATE: 08-03-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 1.14 MILES  
WESTBOUND MAINLINE**



**DETERIORATED REFLECTIVE SHEETING ON SIGN PANEL**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**SNAPPER CREEK EXPRESSWAY (SR-878): 3.20 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-006  
DATE: 08-03-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 0.06 MILES  
WESTBOUND MAINLINE**



**DETERIORATED REFLECTIVE SHEETING ON SIGN PANEL**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**SNAPPER CREEK EXPRESSWAY (SR-878): 3.20 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-007  
DATE: 08-03-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 0.75 MILES  
WESTBOUND MAINLINE**



**GRAFFITI ON SIGN PANEL**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

## GENERAL ENGINEERING CONSULTANT INSPECTION AND EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM

### SNAPPER CREEK EXPRESSWAY (SR-878): 3.20 MILES PHOTOGRAPHIC INVENTORY

PHOTO NO.: WB-008  
DATE: 08-03-2020

ROADWAY INSPECTION  
LOCATION: MILE MARKER 0.65 MILES  
WESTBOUND MAINLINE



**GRAFFITI ON SIGN PANEL AND STRUCTURE UPRIGHT**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM  
SNAPPER CREEK EXPRESSWAY (SR-878): 3.20 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-009  
DATE: 08-03-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 0.04 MILES  
WESTBOUND MAINLINE**



**DETERIORATED CLASS V COATING ON BARRIER WALL  
(TYPICAL THROUGHOUT THE CORRIDOR)**

**ITEM NOTED TO BE ADDRESSED BY MDX PROJECT No. 30037**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**SNAPPER CREEK EXPRESSWAY (SR-878): 3.20 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-010  
DATE: 08-03-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 0.52 MILES  
WESTBOUND MAINLINE (LEFT SHOULDER)**



**DAMAGED GUARDRAIL & GUARDRAIL POST**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**

**SR 924 RDWY EB**

**MDX ANNUAL ROADWAY INSPECTION**  
**2020**

WORK IDENTIFIED UNDER COMMENTS COLUMN IS BEING ADDRESSED UNDER THE SPECIFIED MDX PROJECT INDICATED IN THE PHOTOGRAPHS

STATE ROAD: SR-924 GRATIGNY PARKWAY  
DIRECTION: EASTBOUND

DATE: 08/10/2020  
INSPECTED BY: O. SANCHEZ

ASSET	COMMENTS	PHOTO NUMBER
<b>ROADWAY</b>		
ROADWAY PAVEMENT	No Work Needs Were Identified	
SHOULDER	No Work Needs Were Identified	
RUTTING	No Work Needs Were Identified	
POTHOLE	No Work Needs Were Identified	
DEPRESSION	No Work Needs Were Identified	
MISCELLANEOUS ASPHALT	No Work Needs Were Identified	
<b>DRAINAGE</b>		
DITCH PAVEMENT/ DRAINAGE FLUME	No Work Needs Were Identified	
SIDE DRAIN	No Work Needs Were Identified	
CROSS DRAIN	No Work Needs Were Identified	
STORM DRAIN	<b>SILT AND DEBRIS OBSTRUCTING DRAINAGE STRUCTURE</b>	<b>EB-001</b>
END WALLS/ OUT FALL	No Work Needs Were Identified	
GUTTER INLET	No Work Needs Were Identified	
BARRIER WALL INLET	No Work Needs Were Identified	
MEDIAN BARRIER INLET	No Work Needs Were Identified	
CURB INLET	No Work Needs Were Identified	
RIP-RAP	No Work Needs Were Identified	
SLOPE PROTECTION	No Work Needs Were Identified	
CONTROL PANEL	No Work Needs Were Identified	
<b>STRUCTURAL</b>		
SHOULDER GUTTER	No Work Needs Were Identified	
CURB & GUTTER	No Work Needs Were Identified	
MEDIAN BARRIER WALL	<b>TIRE SCUFF MARKS</b>	<b>EB-005</b>
BARRIER WALL	No Work Needs Were Identified	
RETAINING WALL	No Work Needs Were Identified	
REINFORCED EARTH WALL	No Work Needs Were Identified	
MSE WALL	No Work Needs Were Identified	
SIDEWALK	No Work Needs Were Identified	
<b>BARRIERS AND FENCES</b>		
FENCE	No Work Needs Were Identified	
SOUND WALL	No Work Needs Were Identified	
GUARDRAIL	No Work Needs Were Identified	
END SECTION	No Work Needs Were Identified	
ATTENUATOR	No Work Needs Were Identified	
<b>PAVEMENT MARKINGS / SIGNAGE</b>		
PAVEMENT MARKINGS	No Work Needs Were Identified	
STRIPING	No Work Needs Were Identified	
REFLECTIVE PAVEMENT MARKERS	No Work Needs Were Identified	
SIGN STRUCTURES	No Work Needs Were Identified	
OBJECT MARKER	No Work Needs Were Identified	
OVERHEAD SIGN STRUCTURE	No Work Needs Were Identified	
GUIDE SIGN	No Work Needs Were Identified	
WARNING SIGN	<b>MALFUNCTIONING ILLUMINATED SPEED LIMIT SIGN</b>	<b>EB-007</b>
<b>ELECTRICAL</b>		
LIGHT POLE	No Work Needs Were Identified	
PULL BOX	No Work Needs Were Identified	
HANDHOLE COVER	No Work Needs Were Identified	
HIGHMAST LIGHTING	No Work Needs Were Identified	
OTHER		



**MDX ANNUAL ROADWAY INSPECTION**  
**2020**

WORK IDENTIFIED UNDER COMMENTS COLUMN IS BEING ADDRESSED UNDER THE SPECIFIED MDX PROJECT INDICATED IN THE PHOTOGRAPHS

STATE ROAD: SR-924 GRATIGNY PARKWAY  
DIRECTION: EASTBOUND

DATE: 08/10/2020  
INSPECTED BY: O. SANCHEZ

ASSET	COMMENTS	PHOTO NUMBER
<b>ITS</b>		
ITS LOAD CENTER	No Work Needs Were Identified	
ITS PULL BOX	No Work Needs Were Identified	
ITS ROUTE MARKERS	No Work Needs Were Identified	
ITS MANHOLE	No Work Needs Were Identified	
MVDS POLE	No Work Needs Were Identified	
ORT GANTRY	DETERIORATED CLASS V COATING ON STRUCTURE UPRIGHT AND MONOTUBE STRUCTURE	EB-003 & EB-008
<b>BRIDGES</b>		
EXPANSION JOINTS	DETERIORATED EXPANSION JOINT	EB-002 & EB-004
BRIDGE DRAINAGE INLET	SILTED BRIDGE DRAINAGE	EB-009
BRIDGE DECK	SPALLS ON BRIDGE APPROACH SLAB	EB-006
<b>LANDSCAPING / AESTHETICS</b>		
TREE TRIMMING / REMOVAL	No Work Needs Were Identified	
VEGETATION	No Work Needs Were Identified	
ROADWAY MOWING	No Work Needs Were Identified	
TURF CONDITION	No Work Needs Were Identified	
LANDSCAPING	No Work Needs Were Identified	
OVERGROWN VEGETATION	No Work Needs Were Identified	
LITTER REMOVAL	No Work Needs Were Identified	



General Engineering Consultant to the  
Miami-Dade Expressway Authority

## GENERAL ENGINEERING CONSULTANT INSPECTION AND EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM

### GRATIGNY PARKWAY (SR-924): 5.37 MILES PHOTOGRAPHIC INVENTORY

**PHOTO NO.: EB-001**  
**DATE: 08-10-2020**

**ROADWAY INSPECTION**  
**LOCATION: MILE MARKER 0.48**  
**EASTBOUND MAINLINE (RIGHT SHOULDER)**



**SILTED DRAINAGE STRUCTURE (TYPICAL THROUGHOUT THE CORRIDOR)**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

# GENERAL ENGINEERING CONSULTANT INSPECTION AND EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM

## GRATIGNY PARKWAY (SR-924): 5.37 MILES PHOTOGRAPHIC INVENTORY

**PHOTO NO.: EB-002**  
**DATE: 08-10-2020**

**ROADWAY INSPECTION**  
**LOCATION: MILE MARKER 1.00 MILES**  
**EASTBOUND MAINLINE**



**DETERIORATED EXPANSION JOINT (BRIDGE # 870708)**

**ITEM NOTED TO BE ADDRESSED BY MDX WORK PROGRAM No. 30029**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

## GENERAL ENGINEERING CONSULTANT INSPECTION AND EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM

### GRATIGNY PARKWAY (SR-924): 5.37 MILES PHOTOGRAPHIC INVENTORY

**PHOTO NO.: EB-003**  
**DATE: 08-10-2020**

**ROADWAY INSPECTION**  
**LOCATION: MILE MARKER 1.23 MILES**  
**EASTBOUND MAINLINE**



**DETERIORATED CLASS V COATING ON STRUCTURE UPRIGHT AND PAINT ON  
MONOTUBE (STRUCTURE # 87S933)**

**ITEM NOTED TO BE ADDRESSED BY MDX WORK PROGRAM No. 30043**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**GRATIGNY PARKWAY (SR-924): 5.37 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-004  
DATE: 08-10-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 1.50 MILES  
EASTBOUND MAINLINE**



**DETERIORATED EXPANSION JOINT SEALANT (BRIDGE # 870720)**

**ITEM NOTED TO BE ADDRESSED BY MDX WORK PROGRAM No. 30029**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**GRATIGNY PARKWAY (SR-924): 5.37 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-005  
DATE: 08-10-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 1.60 MILES  
EASTBOUND MAINLINE**



**SCUFF MARKS ON MEDIAN BARRIER WALL  
(TYPICAL THROUGHOUT THE CORRIDOR)**

**ITEM NOTED TO BE ADDRESSED BY MDX WORK PROGRAM No. 30037**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

# GENERAL ENGINEERING CONSULTANT INSPECTION AND EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM

## GRATIGNY PARKWAY (SR-924): 5.37 MILES PHOTOGRAPHIC INVENTORY

**PHOTO NO.: EB-006**  
**DATE: 08-10-2020**

**ROADWAY INSPECTION**  
**LOCATION: MILE MARKER 2.04 MILES**  
**EASTBOUND MAINLINE**



**SPALLS ON APPROACH SLAB (BRIDGE # 870721)**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**GRATIGNY PARKWAY (SR-924): 5.37 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-007  
DATE: 08-10-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 2.20 MILES  
EASTBOUND MAINLINE**



**MALFUNCTIONING SPEED LIMIT SIGNS**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

# GENERAL ENGINEERING CONSULTANT INSPECTION AND EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM

## GRATIGNY PARKWAY (SR-924): 5.37 MILES PHOTOGRAPHIC INVENTORY

**PHOTO NO.: EB-008**  
**DATE: 08-10-2020**

**ROADWAY INSPECTION**  
**LOCATION: MILE MARKER 2.88 MILES**  
**EASTBOUND MAINLINE**



**DETERIORATED CLASS V COATING ON STRUCTURE UPRIGHT AND PAINT ON  
MONOTUBE (STRUCTURE # 87S932)**

**ITEM NOTED TO BE ADDRESSED BY MDX WORK PROGRAM No. 30043**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

## GENERAL ENGINEERING CONSULTANT INSPECTION AND EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM

### GRATIGNY PARKWAY (SR-924): 5.37 MILES PHOTOGRAPHIC INVENTORY

**PHOTO NO.: EB-009**  
**DATE: 08-10-2020**

**ROADWAY INSPECTION**  
**LOCATION: MILE MARKER 4.35 MILES**  
**EASTBOUND MAINLINE**



**SILTED BRIDGE DRAINAGE INLET (BRIDGE # 870740)**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**

**SR 924 RDWY WB**

## **MDX ANNUAL ROADWAY INSPECTION**

**2020**

WORK IDENTIFIED UNDER COMMENTS COLUMN IS BEING ADDRESSED UNDER THE SPECIFIED MDX PROJECT INDICATED IN THE PHOTOGRAPHS

STATE ROAD: SR-924 GRATIGNY PARKWAY  
DIRECTION: WESTBOUND

DATE: 8/10/2020  
INSPECTED BY: O. SANCHEZ

ASSET	COMMENTS	PHOTO NUMBER
<b>ROADWAY</b>		
ROADWAY PAVEMENT	<b>PONDING ON RAMP</b>	<b>WB-011</b>
SHOULDER PAVEMENT	No Work Needs Were Identified	
RUTTING	No Work Needs Were Identified	
POTHOLE	No Work Needs Were Identified	
DEPRESSION	No Work Needs Were Identified	
SLOPE	No Work Needs Were Identified	
<b>DRAINAGE</b>		
DITCH PAVEMENT	No Work Needs Were Identified	
SIDE DRAIN	No Work Needs Were Identified	
CROSS DRAIN	No Work Needs Were Identified	
STORM DRAIN	No Work Needs Were Identified	
END WALLS / OUT FALL	No Work Needs Were Identified	
INLET	No Work Needs Were Identified	
BARRIER WALL INLET	No Work Needs Were Identified	
MEDIAN BARRIER INLET	No Work Needs Were Identified	
CURB INLET	No Work Needs Were Identified	
RIP-RAP	No Work Needs Were Identified	
SLOPE PROTECTION	No Work Needs Were Identified	
CONTROL PANEL	No Work Needs Were Identified	
OTHER	No Work Needs Were Identified	
<b>STRUCTURAL</b>		
SHOULDER GUTTER	No Work Needs Were Identified	
CURB & GUTTER	No Work Needs Were Identified	
MEDIAN BARRIER WALL	No Work Needs Were Identified	
BARRIER WALL	No Work Needs Were Identified	
RETAINING WALL	No Work Needs Were Identified	
REINFORCED EARTH WALL	No Work Needs Were Identified	
SIDEWALK	No Work Needs Were Identified	
OVERHEAD ORT STRUCTURE		
<b>BARRIERS AND FENCES</b>		
	<b>DAMAGED MEDIAN BARRIER WALL</b>	<b>WB-008</b>
BARRIER WALL		
NOISE WALLS	No Work Needs Were Identified	
FENCE	No Work Needs Were Identified	
GUARDRAIL	No Work Needs Were Identified	
MISCELLANEOUS ASPHALT	No Work Needs Were Identified	
END TREATMENT	No Work Needs Were Identified	
ATTENUATOR	No Work Needs Were Identified	
<b>PAVEMENT MARKINGS / SIGNAGE</b>		
PAVEMENT MESSAGE	No Work Needs Were Identified	
STRIPING	No Work Needs Were Identified	
	<b>MALFUNCTIONING ILLUMINATED REFLECTIVE PAVEMENT MARKERS</b>	<b>WB-010</b>
REFLECTIVE PAVEMENT MARKERS		
OVERHEAD SIGN STRUCTURES	No Work Needs Were Identified	
OBJECT MARKER	No Work Needs Were Identified	
REGULATORY SIGN	No Work Needs Were Identified	
GUIDE SIGN	<b>DETERIORATED REFLECTIVE SHEETING</b>	<b>WB-002, WB-004 &amp; WB-006</b>
	<b>MALFUNCTIONING ILLUMINATED SPEED LIMIT SIGN &amp; DAMAGED WRONG WAY SIGN</b>	<b>WB-005 &amp; WB-009</b>
WARNING SIGN		
<b>ELECTRICAL</b>		
LIGHT POLE	No Work Needs Were Identified	
HANDHOLE COVER	No Work Needs Were Identified	
PULL BOX	No Work Needs Were Identified	
OTHER	No Work Needs Were Identified	



**MDX ANNUAL ROADWAY INSPECTION****2020**

WORK IDENTIFIED UNDER COMMENTS COLUMN IS BEING ADDRESSED UNDER THE SPECIFIED MDX PROJECT INDICATED IN THE PHOTOGRAPHS

STATE ROAD: SR-924 GRATIGNY PARKWAY  
DIRECTION: WESTBOUND

DATE: 8/10/2020  
INSPECTED BY: O. SANCHEZ

<b>ITS</b>		
ITS LOAD CENTER	No Work Needs Were Identified	
ITS PULL BOX	No Work Needs Were Identified	
ITS ROUTE MARKERS	No Work Needs Were Identified	
ITS MANHOLE	No Work Needs Were Identified	
MVDS POLE	No Work Needs Were Identified	
ORT GANTRY	<b>DETERIORATED CLASS V COATING ON STRUCTURE UPRIGHT AND MONOTUBE STRUCTURE</b>	<b>WB-003</b>
<b>BRIDGES</b>		
EXPANSION JOINT	<b>DETERIORATED JOINT SEALANT</b>	<b>WB-001</b>
BRIDGE BARRIER WALL	<b>GRAFFITI ON BARRIER WALL</b>	<b>WB-007</b>
<b>VEGETATION / AESTHETICS</b>		
TREE TRIMMING	No Work Needs Were Identified	
VEGETATION	No Work Needs Were Identified	
ROADWAY MOWING	No Work Needs Were Identified	
TURF CONDITION	No Work Needs Were Identified	
LANDSCAPING	No Work Needs Were Identified	
OVERGROWN VEGETATION	No Work Needs Were Identified	
LITTER REMOVAL	No Work Needs Were Identified	
OTHER		



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**GRATIGNY PARKWAY (SR-924): 5.37 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-001  
DATE: 08-10-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 3.76 MILES  
WESTBOUND MAINLINE**



**DETERIORATED JOINT SEALANT (BRIDGE # 870738)**

**ITEM NOTED TO BE ADDRESSED BY MDX WORK PROGRAM No. 30029**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**GRATIGNY PARKWAY (SR-924): 5.37 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-002  
DATE: 08-10-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 3.18 MILES  
WESTBOUND MAINLINE (RIGHT SHOULDER)**



**DETERIORATED REFLECTIVE SHEETING**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

# GENERAL ENGINEERING CONSULTANT INSPECTION AND EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM

## GRATIGNY PARKWAY (SR-924): 5.37 MILES PHOTOGRAPHIC INVENTORY

**PHOTO NO.: WB-003**  
**DATE: 08-10-2020**

**ROADWAY INSPECTION**  
**LOCATION: MILE MARKER 2.71 MILES**  
**WESTBOUND MAINLINE**



**DETERIORATED PAINT ON STRUCTURE UPRIGHT AND MONOTUBE  
(STRUCTURE # 87S932)**

**ITEM NOTED TO BE ADDRESSED BY MDX WORK PROGRAM No. 30037 & 30043**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**GRATIGNY PARKWAY (SR-924): 5.37 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-004  
DATE: 08-10-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 2.85 MILES  
WESTBOUND MAINLINE (RIGHT SHOULDER)**



**DETERIORATED REFLECTIVE SHEETING**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

## GENERAL ENGINEERING CONSULTANT INSPECTION AND EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM

### GRATIGNY PARKWAY (SR-924): 5.37 MILES PHOTOGRAPHIC INVENTORY

**PHOTO NO.: WB-005**  
**DATE: 08-10-2020**

**ROADWAY INSPECTION**  
**LOCATION: MILE MARKER 3.04 MILES**  
**WESTBOUND MAINLINE (RIGHT SHOULDER)**



**MALFUNCTIONING SPEED LIMIT SIGN**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**GRATIGNY PARKWAY (SR-924): 5.37 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-006  
DATE: 08-10-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 2.42 MILES  
WESTBOUND MAINLINE (RIGHT SHOULDER)**



**DETERIORATED REFLECTIVE SHEETING ON SIGN PANEL**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**GRATIGNY PARKWAY (SR-924): 5.37 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-007  
DATE: 08-10-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 1.13 MILES  
WESTBOUND MAINLINE (RIGHT SHOULDER)**



**GRAFFITI ON BARRIER WALL (BRIDGE # 870708)**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**GRATIGNY PARKWAY (SR-924): 5.37 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-008  
DATE: 08-10-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 1.10 MILES  
WESTBOUND MAINLINE (LEFT SHOULDER)**



**DAMAGED MEDIAN BARRIER WALL (BRIDGE # 870708)**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**GRATIGNY PARKWAY (SR-924): 5.37 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-009  
DATE: 08-10-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 2.04 MILES  
WESTBOUND OFF-RAMP TO NW 57<sup>th</sup> AVENUE**



**DOWN DO NOT ENTER SIGN**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**



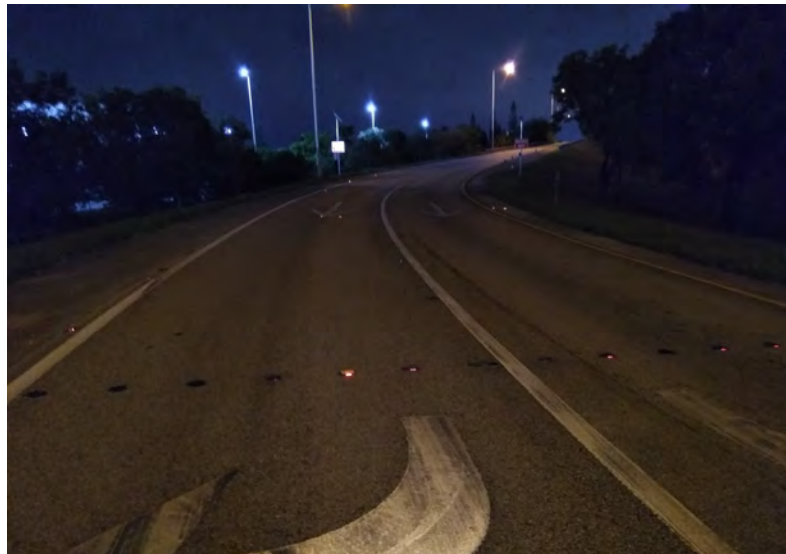
General Engineering Consultant to the  
Miami-Dade Expressway Authority

# **GENERAL ENGINEERING CONSULTANT INSPECTION AND EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

## **GRATIGNY PARKWAY (SR-924): 5.37 MILES PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-010  
DATE: 08-12-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 4.13 MILES  
WESTBOUND OFF-RAMP TO NW 37<sup>th</sup> AVENUE**



**MALFUNCTIONING ILLUMINATED REFLECTIVE PAVEMENT MARKERS (RPM'S)**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**GRATIGNY PARKWAY (SR-924): 5.37 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-011  
DATE: 08-12-2020**

**ROADWAY INSPECTION  
LOCATION: MILE MARKER 4.10 MILES  
WESTBOUND ON-RAMP FROM NW 37<sup>th</sup> AVENUE**



**PONDING WATER ON RAMP ENTRANCE**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**



**NW 138TH STREET EB**

**MDX ANNUAL ROADWAY INSPECTION****2020****WORK IDENTIFIED UNDER COMMENTS COLUMN IS BEING ADDRESSED UNDER THE SPECIFIED MDX PROJECT INDICATED IN THE PHOTOGRAPHS****NW 138th Street  
DIRECTION: EASTBOUND****DATE: 18/18/2020  
INSPECTED BY: O.SANCHEZ**

ASSET	COMMENTS	PHOTO NUMBER
<b>ROADWAY</b>		
ROADWAY PAVEMENT	No Work Needs Were Identified	
SHOULDER PAVEMENT	No Work Needs Were Identified	
RUTTING	No Work Needs Were Identified	
POTHOLE	No Work Needs Were Identified	
DEPRESSION	No Work Needs Were Identified	
OTHER	No Work Needs Were Identified	
<b>DRAINAGE</b>		
DITCH PAVEMENT/ DRAINAGE FLUME	No Work Needs Were Identified	
SIDE DRAIN	No Work Needs Were Identified	
CROSS DRAIN	No Work Needs Were Identified	
STORM DRAIN	No Work Needs Were Identified	
END WALLS/ OUT FALL	No Work Needs Were Identified	
GUTTER INLET	No Work Needs Were Identified	
BARRIER WALL INLET	No Work Needs Were Identified	
MEDIAN BARRIER INLET	No Work Needs Were Identified	
CURB INLET	No Work Needs Were Identified	
RIP-RAP	No Work Needs Were Identified	
SLOPE PROTECTION	No Work Needs Were Identified	
CONTROL PANEL	No Work Needs Were Identified	
<b>STRUCTURAL</b>		
SHOULDER GUTTER	No Work Needs Were Identified	
CURB & GUTTER	No Work Needs Were Identified	
MEDIAN BARRIER WALL	No Work Needs Were Identified	
RETAINING WALL	No Work Needs Were Identified	
REINFORCED EARTH WALL	No Work Needs Were Identified	
SIDEWALK	No Work Needs Were Identified	
<b>PAVEMENT MARKINGS / SIGNAGE</b>		
PAVEMENT MESSAGE	No Work Needs Were Identified	
STRIPING	<b>DETERIORATED STRIPING ON MAINLINE, GORE AND ON WHITE SKIPS / DETERIORATED PEDESTRIAN CROSSWALK</b>	<b>EB-001; EB-002 &amp; EB-003</b>
REFLECTIVE PAVEMENT MARKERS	No Work Needs Were Identified	
OVERHEAD SIGN STRUCTURES	No Work Needs Were Identified	
OBJECT MARKER	No Work Needs Were Identified	
REGULATORY SIGN	No Work Needs Were Identified	
GUIDE SIGN	No Work Needs Were Identified	
WARNING SIGN	No Work Needs Were Identified	
OTHER	No Work Needs Were Identified	
<b>ELECTRICAL</b>		
LIGHT POLE	No Work Needs Were Identified	
PULL BOX	No Work Needs Were Identified	
HANDHOLE COVER	No Work Needs Were Identified	
HIGHMAST LIGHTING	No Work Needs Were Identified	
OTHER	No Work Needs Were Identified	
<b>LANDSCAPING / AESTHETICS</b>		
TREE TRIMMING / REMOVAL	No Work Needs Were Identified	
VEGETATION	No Work Needs Were Identified	
ROADWAY MOWING	No Work Needs Were Identified	
TURF CONDITION	No Work Needs Were Identified	
LANDSCAPING	No Work Needs Were Identified	
OVERGROWN VEGETATION	No Work Needs Were Identified	
LITTER REMOVAL	No Work Needs Were Identified	



General Engineering Consultant to the  
Miami-Dade Expressway Authority

# GENERAL ENGINEERING CONSULTANT INSPECTION AND EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM

**NW 138<sup>th</sup> STREET 1.76 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-001  
DATE: 8-18-2020**

**ROADWAY INSPECTION  
LOCATION: EASTBOUND NW 138<sup>TH</sup> ST  
200' WEST OF NW 107<sup>th</sup> AVENUE (RIGHT SHOULDER)**



**DETERIORATED STRIPING ON MAINLINE AND GORE**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

## GENERAL ENGINEERING CONSULTANT INSPECTION AND EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM

**NW 138<sup>th</sup> STREET 1.76 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-002  
DATE: 8-18-2020**

**ROADWAY INSPECTION  
LOCATION: EAST OF NW 107<sup>th</sup> AVENUE  
EASTBOUND NW 138<sup>th</sup> STREET (MAINLINE)**



**DETERIORATED STRIPING**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

## GENERAL ENGINEERING CONSULTANT INSPECTION AND EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM

**NW 138<sup>th</sup> STREET 1.76 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: EB-003  
DATE: 8-18-2020**

**ROADWAY INSPECTION  
LOCATION: NW 138<sup>th</sup> STREET, FROM OKEECHOBEE RD. TO  
NW 107<sup>th</sup> AVENUE**



**DETERIORATED WHITE SKIP AND EDGE LINE STRIPING**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**

**NW 138TH STREET WB**



## **MDX ANNUAL ROADWAY INSPECTION**

**2020**

WORK IDENTIFIED UNDER COMMENTS COLUMN IS BEING ADDRESSED UNDER THE SPECIFIED MDX PROJECT INDICATED IN THE PHOTOGRAPHS

NW 138th Street  
DIRECTION: WESTBOUND

DATE: 18/18/2020  
INSPECTED BY: O.SANCHEZ

ASSET	COMMENTS	PHOTO NUMBER
<b>ROADWAY</b>		
ROADWAY PAVEMENT	<b>DETERIORATED PAVEMENT</b>	<b>WB-001</b>
SHOULDER PAVEMENT	No Work Needs Were Identified	
RUTTING	No Work Needs Were Identified	
POTHOLE	No Work Needs Were Identified	
DEPRESSION	No Work Needs Were Identified	
OTHER	No Work Needs Were Identified	
<b>DRAINAGE</b>		
DITCH PAVEMENT/ DRAINAGE FLUME	No Work Needs Were Identified	
SIDE DRAIN	No Work Needs Were Identified	
CROSS DRAIN	No Work Needs Were Identified	
STORM DRAIN	No Work Needs Were Identified	
END WALLS/ OUT FALL	No Work Needs Were Identified	
GUTTER INLET	No Work Needs Were Identified	
BARRIER WALL INLET	No Work Needs Were Identified	
MEDIAN BARRIER INLET	No Work Needs Were Identified	
CURB INLET	No Work Needs Were Identified	
RIP-RAP	No Work Needs Were Identified	
SLOPE PROTECTION	No Work Needs Were Identified	
CONTROL PANEL	No Work Needs Were Identified	
<b>BARRIERS &amp; FENCES</b>		
BARRIER WALL	No Work Needs Were Identified	
NOISE WALLS	No Work Needs Were Identified	
FENCE	No Work Needs Were Identified	
GUARDRAIL	<b>DAMAGED GUARDRAIL PANELS</b>	<b>WB-003</b>
GUARDRAIL POST	No Work Needs Were Identified	
<b>STRUCTURAL</b>		
SHOULDER GUTTER	No Work Needs Were Identified	
CURB & GUTTER	No Work Needs Were Identified	
MEDIAN BARRIER WALL	No Work Needs Were Identified	
RETAINING WALL	No Work Needs Were Identified	
REINFORCED EARTH WALL	No Work Needs Were Identified	
MSE WALL	No Work Needs Were Identified	
SIDEWALK	No Work Needs Were Identified	
<b>PAVEMENT MARKINGS / SIGNAGE</b>		
PAVEMENT MESSAGE	No Work Needs Were Identified	
STRIPING	<b>DETERIORATED PEDESTRIAN CROSSWALK, WHITE SKIPS, YELLOW EDGE LINE AND CHEVRONS</b>	<b>WB-002 &amp; WB-004</b>
REFLECTIVE PAVEMENT MARKERS	No Work Needs Were Identified	
OVERHEAD SIGN STRUCTURES	No Work Needs Were Identified	
OBJECT MARKER	No Work Needs Were Identified	
REGULATORY SIGN	No Work Needs Were Identified	
GUIDE SIGN	No Work Needs Were Identified	
WARNING SIGN	No Work Needs Were Identified	
OTHER	No Work Needs Were Identified	
<b>ELECTRICAL</b>		
LIGHT POLE	No Work Needs Were Identified	
PULL BOX	No Work Needs Were Identified	
HANDHOLE COVER	No Work Needs Were Identified	
HIGHMAST LIGHTING	No Work Needs Were Identified	
OTHER	No Work Needs Were Identified	

**MDX ANNUAL ROADWAY INSPECTION****2020**

WORK IDENTIFIED UNDER COMMENTS COLUMN IS BEING ADDRESSED UNDER THE SPECIFIED MDX PROJECT  
INDICATED IN THE PHOTOGRAPHS

NW 138th Street  
DIRECTION: WESTBOUND

DATE: 18/18/2020  
INSPECTED BY: O.SANCHEZ

ASSET	COMMENTS	PHOTO NUMBER
<b>LANDSCAPING / AESTHETICS</b>		
TREE TRIMMING / REMOVAL	No Work Needs Were Identified	
VEGETATION	No Work Needs Were Identified	
ROADWAY MOWING	No Work Needs Were Identified	
TURF CONDITION	No Work Needs Were Identified	
LANDSCAPING	No Work Needs Were Identified	
LITTER REMOVAL	No Work Needs Were Identified	



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**NW 138<sup>th</sup> STREET 1.76 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-001  
DATE: 8-18-2020**

**ROADWAY INSPECTION  
LOCATION: 300FT EAST OF NW 97<sup>th</sup> AVENUE  
WESTBOUND NW 138<sup>th</sup> STREET**



**DETERIORATED ASPHALT PAVEMENT**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

## GENERAL ENGINEERING CONSULTANT INSPECTION AND EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM

**NW 138<sup>th</sup> STREET 1.76 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-002  
DATE: 8-18-2020**

**ROADWAY INSPECTION  
LOCATION: NW 102<sup>ND</sup> AVENUE  
WESTBOUND NW 138<sup>th</sup> STREET**



**DETERIORATED PEDESTRIAN CROSSWALK (TYPICAL AT VARIOUS LOCATIONS)**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

# **GENERAL ENGINEERING CONSULTANT INSPECTION AND EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**NW 138<sup>th</sup> STREET 1.76 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-003  
DATE: 8-18-2020**

**ROADWAY INSPECTION  
LOCATION: NORTHEAST CORNER OF NW 107<sup>th</sup> AVENUE  
WESTBOUND NW 138<sup>th</sup> STREET (RIGHT SHOULDER)**



**DAMAGED GUARDRAIL PANELS**

**ITEM NOTED TO BE ADDRESSED BY MDX EMERGENCY PUSH BUTTON  
CONTRACTS**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

## GENERAL ENGINEERING CONSULTANT INSPECTION AND EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM

**NW 138<sup>th</sup> STREET 1.76 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: WB-004  
DATE: 8-18-2020**

**ROADWAY INSPECTION  
LOCATION: 1,380 FT WEST OF NW 107<sup>th</sup> AVENUE  
WESTBOUND NW 138<sup>th</sup> STREET  
(LEFT SHOULDER & MAINLINE)**



**DETERIORATED WHITE SKIPS, EDGE LINES AND CHEVRONS**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**



# **APPENDIX B**

**SR 836 MAIN ADMIN BLDG WB**

## **MDX ADMINISTRATION BUILDING ANNUAL INSPECTION**

**2020**

WORK IDENTIFIED UNDER COMMENTS COLUMN IS BEING ADDRESSED UNDER THE SPECIFIED MDX PROJECT INDICATED IN THE PHOTOGRAPHS

STATE ROAD: SR-836 DOLPHIN EXPRESSWAY (MAIN ADM. BLDG.)  
DIRECTION: WESTBOUND; MP 12.50 MILES

DATE: 9/16/2020  
INSPECTED BY: O. SANCHEZ

ASSET	COMMENTS	PHOTO NUMBER
<b>ARCHITECTURAL</b>		
EXTERIOR WALLS	No Work Needs Were Identified	
EXTERIOR DOORS	No Work Needs Were Identified	
EXTERIOR DOOR HARDWARE	No Work Needs Were Identified	
EXTERIOR PAINT	No Work Needs Were Identified	
SIDEWALK	No Work Needs Were Identified	
HANDICAP RAMP	No Work Needs Were Identified	
GROUND AREA	No Work Needs Were Identified	
FENCE	No Work Needs Were Identified	
PAVEMENT TYPE & CONDITION	No Work Needs Were Identified	
WINDOWS	No Work Needs Were Identified	
SAFETY RAILING	No Work Needs Were Identified	
INTERIOR WALLS	No Work Needs Were Identified	
INTERIOR DOORS	No Work Needs Were Identified	
INTERIOR DOOR HARDWARE	No Work Needs Were Identified	
CEILING TILES	No Work Needs Were Identified	
INTERIOR PAINT	No Work Needs Were Identified	
INTERIOR FLOORS	No Work Needs Were Identified	
CABINETS	No Work Needs Were Identified	
LOCKERS	No Work Needs Were Identified	
ROOF MATERIALS	No Work Needs Were Identified	
ORT GANTRY STRUCTURE	<b>CORROSION ON STRUCTURE UPRIGHTS</b>	<b>A-001</b>
OTHER	No Work Needs Were Identified	
<b>ELECTRICAL</b>		
LIGHT FIXTURES	No Work Needs Were Identified	
LIGHT SWITCHES	No Work Needs Were Identified	
OUTLETS	No Work Needs Were Identified	
WATER HEATER	No Work Needs Were Identified	
TELEPHONES	No Work Needs Were Identified	
EXTERIOR LIGHT FIXTURES	No Work Needs Were Identified	
LIGHTNING RODS / CONNECTIONS	No Work Needs Were Identified	
CONDUITS	No Work Needs Were Identified	
ELECTRICAL PULL BOX	No Work Needs Were Identified	
BREAKER PANEL	No Work Needs Were Identified	
EMERGENCY GENERATOR	No Work Needs Were Identified	
GENERATOR MUFFLER	No Work Needs Were Identified	
GENERATOR EXHAUST	No Work Needs Were Identified	
CONTROL PANEL	No Work Needs Were Identified	
FUEL TANK	No Work Needs Were Identified	
TANK VENT	No Work Needs Were Identified	
MONITORING WELLS	No Work Needs Were Identified	
ITS EQUIPMENT	No Work Needs Were Identified	
<b>MECHANICAL</b>		
HVAC EQUIPMENT	No Work Needs Were Identified	
HVAC GRILLES/ OUTLETS	No Work Needs Were Identified	
EXHAUST FANS	No Work Needs Were Identified	
WATER COOLER	No Work Needs Were Identified	
<b>PLUMBING</b>		
TOILETS	No Work Needs Were Identified	
URINALS	No Work Needs Were Identified	
VANITIES	No Work Needs Were Identified	
PLUMBING FIXTURES	No Work Needs Were Identified	
HOSE BIBBS	No Work Needs Were Identified	
FLOOR DRAINS	No Work Needs Were Identified	
ROOF DRAINS	No Work Needs Were Identified	
WATER PRESSURE	No Work Needs Were Identified	
OTHER	No Work Needs Were Identified	



**MDX ADMINISTRATION BUILDING ANNUAL INSPECTION**  
**2020**

WORK IDENTIFIED UNDER COMMENTS COLUMN IS BEING ADDRESSED UNDER THE SPECIFIED MDX PROJECT INDICATED IN THE PHOTOGRAPHS

STATE ROAD: SR-836 DOLPHIN EXPRESSWAY (MAIN ADM. BLDG.)  
DIRECTION: WESTBOUND; MP 12.50 MILES

DATE: 9/16/2020  
INSPECTED BY: O. SANCHEZ

ASSET	COMMENTS	PHOTO NUMBER
<b>TUNNEL INFORMATION</b>		
WALLS	No Work Needs Were Identified	
CEILING	No Work Needs Were Identified	
FLOOR	No Work Needs Were Identified	
DOORS	No Work Needs Were Identified	
DOOR HARDWARE	No Work Needs Were Identified	
FLOOR DRAIN	No Work Needs Were Identified	
EXHAUST FANS	No Work Needs Were Identified	
HVAC EQUIPMENT	No Work Needs Were Identified	
HVAC GRILLES/ OUTLETS	No Work Needs Were Identified	



General Engineering Consultant to the  
Miami-Dade Expressway Authority

# GENERAL ENGINEERING CONSULTANT INSPECTION AND EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM

## DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES PHOTOGRAPHIC INVENTORY

**PHOTO NO.: A-001**  
**DATE: 9-16-2020**

**ARCHITECTURAL INSPECTION**  
**LOCATION: SR-836 MAIN ADMINISTRATION BUILDING**  
**(MECHANICAL ROOM)**



**CORROSION ON METAL AWNING**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**

**SR 836 NW 97TH AVE ADMIN BLDG  
EB**



**MDX ADMINISTRATION BLDG. ANNUAL INSPECTION****2020**

WORK IDENTIFIED UNDER COMMENTS COLUMN IS BEING ADDRESSED UNDER THE SPECIFIED MDX PROJECT INDICATED IN THE PHOTOGRAPHS

STATE ROAD: SR-836 DOLPHIN EXPRESSWAY (NW 97th AVE)  
DIRECTION: EASTBOUND; MP 4.50 MILESDATE: 9/18/2020  
INSPECTED BY: O. SANCHEZ

ASSET	COMMENTS	PHOTO NUMBER
<b>ARCHITECTURAL</b>		
EXTERIOR WALLS	No Work Needs Were Identified	
EXTERIOR DOORS	No Work Needs Were Identified	
EXTERIOR DOOR HARDWARE	No Work Needs Were Identified	
EXTERIOR PAINT	No Work Needs Were Identified	
SIDEWALK	No Work Needs Were Identified	
HANDICAP RAMP	No Work Needs Were Identified	
GROUND AREA	No Work Needs Were Identified	
FENCE	No Work Needs Were Identified	
WINDOWS	No Work Needs Were Identified	
INTERIOR WALLS	No Work Needs Were Identified	
INTERIOR DOORS	No Work Needs Were Identified	
INTERIOR DOOR HARDWARE	No Work Needs Were Identified	
CEILING TILES	No Work Needs Were Identified	
INTERIOR PAINT	No Work Needs Were Identified	
INTERIOR FLOORS	No Work Needs Were Identified	
CABINETS	No Work Needs Were Identified	
ROOF MATERIALS	<b>BLISTERING ON ROOFING</b>	<b>A-002</b>
TRASH	No Work Needs Were Identified	
LANDSCAPING	No Work Needs Were Identified	
OTHER	No Work Needs Were Identified	
<b>ELECTRICAL</b>		
LIGHTNING RODS	No Work Needs Were Identified	
EMERGENCY GENERATOR	No Work Needs Were Identified	
GENERATOR MUFFLER	No Work Needs Were Identified	
GENERATOR EXHAUST	No Work Needs Were Identified	
CONTROL PANEL	No Work Needs Were Identified	
FUEL TANK	No Work Needs Were Identified	
TANK VENT	No Work Needs Were Identified	
MONITORING WELLS	No Work Needs Were Identified	
OTHER	<b>DETACHED CANOPY LIGHTING RECESSED BAFFLE TRIM</b>	<b>A-001</b>
<b>PLUMBING</b>		
TOILETS	No Work Needs Were Identified	
URINALS	No Work Needs Were Identified	
VANITIES	No Work Needs Were Identified	
PLUMBING FIXTURES	No Work Needs Were Identified	
HOSE BIBBS	No Work Needs Were Identified	
FLOOR DRAINS	No Work Needs Were Identified	
ROOF DRAINS	No Work Needs Were Identified	
SEWER	No Work Needs Were Identified	
<b>MECHANICAL</b>		
HVAC EQUIPMENT	No Work Needs Were Identified	
HVAC GRILLES/ OUTLETS	No Work Needs Were Identified	
EXHAUST FANS	No Work Needs Were Identified	
WATER COOLER	No Work Needs Were Identified	



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: A-001  
DATE: 9-18-2020**

**ARCHITECTURAL INSPECTION  
LOCATION: SR-836 / NW 97<sup>th</sup> AVENUE EASTBOUND  
TOLL PLAZA**



**DETACHED CANOPY LIGHTING RECESSED BAFFLE TRIM**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: A-002  
DATE: 9-18-2020**

**ARCHITECTURAL INSPECTION  
LOCATION: SR-836 / NW 97<sup>th</sup> AVENUE EASTBOUND  
ADMINISTRATION BUILDING**



**BLISTERING ON ROOF MEMBRANE**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**



**SR 836 NW 97TH AVE ADMIN BLDG  
WB**

**MDX ADMINISTRATION BLDG. ANNUAL INSPECTION****2020****WORK IDENTIFIED UNDER COMMENTS COLUMN IS BEING ADDRESSED UNDER THE SPECIFIED MDX PROJECT INDICATED IN THE PHOTOGRAPHS****STATE ROAD: SR-836 DOLPHIN EXPRESSWAY (NW 97th AVE)  
DIRECTION: WESTBOUND; MP 4.50 MILES****DATE: 9/16/2020  
INSPECTED BY: O. SANCHEZ**

ASSET	COMMENTS	PHOTO NUMBER
<b>ARCHITECTURAL</b>		
EXTERIOR WALLS	No Work Needs Were Identified	
EXTERIOR DOORS	No Work Needs Were Identified	
EXTERIOR DOOR HARDWARE	No Work Needs Were Identified	
EXTERIOR PAINT	No Work Needs Were Identified	
SIDEWALK	No Work Needs Were Identified	
HANDICAP RAMP	No Work Needs Were Identified	
GROUND AREA	No Work Needs Were Identified	
FENCE	No Work Needs Were Identified	
WINDOWS	No Work Needs Were Identified	
INTERIOR WALLS	No Work Needs Were Identified	
INTERIOR DOORS	No Work Needs Were Identified	
INTERIOR DOOR HARDWARE	No Work Needs Were Identified	
CEILING TILES	No Work Needs Were Identified	
INTERIOR PAINT	No Work Needs Were Identified	
INTERIOR FLOORS	No Work Needs Were Identified	
CABINETS	No Work Needs Were Identified	
ROOF MATERIALS	No Work Needs Were Identified	
TRASH / DEBRIS	<b>STORED DAMAGED SIGNS AND GUARDRAIL PANELS</b>	<b>A-001</b>
LANDSCAPING	No Work Needs Were Identified	
<b>ELECTRICAL</b>		
LIGHTNING RODS	No Work Needs Were Identified	
EMERGENCY GENERATOR	No Work Needs Were Identified	
GENERATOR MUFFLER	No Work Needs Were Identified	
GENERATOR EXHAUST	No Work Needs Were Identified	
CONTROL PANEL	No Work Needs Were Identified	
FUEL TANK	No Work Needs Were Identified	
TANK VENT	No Work Needs Were Identified	
MONITORING WELLS	No Work Needs Were Identified	
LUMINAIRES	No Work Needs Were Identified	
<b>PLUMBING</b>		
TOILETS	No Work Needs Were Identified	
URINALS	No Work Needs Were Identified	
VANITIES	No Work Needs Were Identified	
PLUMBING FIXTURES	No Work Needs Were Identified	
HOSE BIBBS	No Work Needs Were Identified	
FLOOR DRAINS	No Work Needs Were Identified	
ROOF DRAINS	No Work Needs Were Identified	
SEWER	No Work Needs Were Identified	
<b>MECHANICAL</b>		
HVAC EQUIPMENT	No Work Needs Were Identified	
HVAC GRILLES/ OUTLETS	No Work Needs Were Identified	
EXHAUST FANS	No Work Needs Were Identified	
MECHANICAL ROOM	No Work Needs Were Identified	
WATER COOLER	No Work Needs Were Identified	



General Engineering Consultant to the  
Miami-Dade Expressway Authority

# GENERAL ENGINEERING CONSULTANT INSPECTION AND EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM

## DOLPHIN EXPRESSWAY (SR-836): 14.00 MILES PHOTOGRAPHIC INVENTORY

**PHOTO NO.: A-001**  
**DATE: 9-16-2020**

**ARCHITECTURAL INSPECTION**  
**LOCATION: SR-836 / NW 97<sup>th</sup> AVENUE WESTBOUND**  
**ADMINISTRATION BUILDING**



**STORED DAMAGED SIGNS AND GUARDRAIL PANELS**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**



**SR 874 ADMIN BLDG NB**

**MDX ADMINISTRATION BUILDING ANNUAL INSPECTION****2020**

WORK IDENTIFIED UNDER COMMENTS COLUMN IS BEING ADDRESSED UNDER THE SPECIFIED MDX PROJECT INDICATED IN THE PHOTOGRAPHS

STATE ROAD: SR-874 DON SHULA EXPRESSWAY  
DIRECTION: NORTHBOUND; MP: 1.18 MILESDATE: 9/18/2020  
INSPECTED BY: O. SANCHEZ

ASSET	COMMENTS	PHOTO NUMBER
<b>ARCHITECTURAL</b>		
EXTERIOR WALLS	No Work Needs Were Identified	
EXTERIOR DOORS	No Work Needs Were Identified	
EXTERIOR DOOR HARDWARE	No Work Needs Were Identified	
EXTERIOR PAINT	No Work Needs Were Identified	
SIDEWALK	No Work Needs Were Identified	
HANDICAP RAMP	No Work Needs Were Identified	
GROUND AREA	No Work Needs Were Identified	
FENCE	No Work Needs Were Identified	
PAVEMENT TYPE & CONDITION	No Work Needs Were Identified	
WINDOWS	No Work Needs Were Identified	
SAFETY RAILING	No Work Needs Were Identified	
INTERIOR WALLS	No Work Needs Were Identified	
INTERIOR DOORS	No Work Needs Were Identified	
INTERIOR DOOR HARDWARE	No Work Needs Were Identified	
CEILING	No Work Needs Were Identified	
INTERIOR PAINT	No Work Needs Were Identified	
INTERIOR FLOORS	No Work Needs Were Identified	
CABINETS	No Work Needs Were Identified	
TRASH	No Work Needs Were Identified	
ROOF MATERIALS	<b>BLISTERING ON ROOF MEMBRANE</b>	<b>A-001</b>
ROOF PENETRATIONS	No Work Needs Were Identified	
OTHER	No Work Needs Were Identified	
<b>ELECTRICAL</b>		
LIGHT FIXTURES	No Work Needs Were Identified	
LIGHT SWITCHES	No Work Needs Were Identified	
OUTLETS	No Work Needs Were Identified	
WATER HEATER	No Work Needs Were Identified	
TELEPHONES	No Work Needs Were Identified	
EXTERIOR LIGHT FIXTURES	No Work Needs Were Identified	
LIGHTNING RODS	No Work Needs Were Identified	
CONDUITS	No Work Needs Were Identified	
ELECTRICAL BOX	No Work Needs Were Identified	
EMERGENCY GENERATOR	No Work Needs Were Identified	
GENERATOR MUFFLER	No Work Needs Were Identified	
GENERATOR EXHAUST	No Work Needs Were Identified	
CONTROL PANEL	No Work Needs Were Identified	
FUEL TANK	No Work Needs Were Identified	
TANK VENT	No Work Needs Were Identified	
MONITORING WELLS	No Work Needs Were Identified	
ITS SPLICE VAULT	<b>DAMAGED SPLICE VAULT ACCESS PLATE</b>	<b>A-002</b>
<b>MECHANICAL</b>		
HVAC EQUIPMENT	No Work Needs Were Identified	
HVAC GRILLES/ OUTLETS	No Work Needs Were Identified	
EXHAUST FANS	No Work Needs Were Identified	
WATER COOLER	No Work Needs Were Identified	
<b>PLUMBING</b>		
TOILETS	No Work Needs Were Identified	
URINALS	No Work Needs Were Identified	
VANITIES	No Work Needs Were Identified	
PLUMBING FIXTURES	No Work Needs Were Identified	
SANITARY SEWER	No Work Needs Were Identified	
HOSE BIBBS	No Work Needs Were Identified	
FLOOR DRAINS	No Work Needs Were Identified	
ROOF DRAINS	No Work Needs Were Identified	
WATER PRESSURE	No Work Needs Were Identified	



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DON SHULA EXPRESSWAY (SR-874): 7.20 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: A-001  
DATE: 9-18-2020**

**ARCHITECTURAL INSPECTION  
LOCATION: ADMINISTRATION BUILDING**



**BLISTERING ON ROOF MEMBRANE**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**DON SHULA EXPRESSWAY (SR-874): 7.20 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: A-002  
DATE: 9-17-2020**

**ARCHITECTURAL INSPECTION  
LOCATION: ADMINISTRATION BUILDING  
(EAST ELEVATION)**



**DAMAGED SPLICE VAULT ACCESS PLATE**

**ITEM NOTED TO BE ADDRESSED BY MDX PROJECT No. 87410 CONSTRUCTION**

**SR 924 ADMIN BLDG WB**

**MDX ADMINISTRATION BUILDING ANNUAL INSPECTION**  
**2020**

WORK IDENTIFIED UNDER COMMENTS COLUMN IS BEING ADDRESSED UNDER THE SPECIFIED MDX PROJECT INDICATED IN THE PHOTOGRAPHS

STATE ROAD: SR-924 GRATIGNY PARKWAY  
DIRECTION: WESTBOUND MP: 3.52 MILES

DATE: 9/17/2020  
INSPECTED BY: O. SANCHEZ

ASSET	COMMENTS	PHOTO NUMBER
<b>ARCHITECTURAL</b>		
EXTERIOR WALLS	<b>CRACKS ON STUCCO</b>	<b>A-001</b>
EXTERIOR DOORS	No Work Needs Were Identified	
EXTERIOR DOOR HARDWARE	No Work Needs Were Identified	
EXTERIOR PAINT	No Work Needs Were Identified	
SIDEWALK	No Work Needs Were Identified	
HANDICAP RAMP	No Work Needs Were Identified	
PARKING AREA	No Work Needs Were Identified	
GROUNDNS AREA	No Work Needs Were Identified	
LOADING DOCK	No Work Needs Were Identified	
FENCE	<b>MISSING LOCK ON GATE</b>	<b>A-002</b>
PAVEMENT TYPE & CONDITION	No Work Needs Were Identified	
WINDOWS	No Work Needs Were Identified	
SAFETY RAILING	No Work Needs Were Identified	
INTERIOR WALLS	No Work Needs Were Identified	
INTERIOR DOORS	No Work Needs Were Identified	
INTERIOR DOOR HARDWARE	No Work Needs Were Identified	
CEILING TILES	No Work Needs Were Identified	
INTERIOR PAINT	No Work Needs Were Identified	
INTERIOR FLOORS	No Work Needs Were Identified	
CABINETS	No Work Needs Were Identified	
ROOF MATERIALS	No Work Needs Were Identified	
ROOF PENETRATIONS	No Work Needs Were Identified	
SEPTIC TANK DRAIN FIELD	No Work Needs Were Identified	
OTHER	No Work Needs Were Identified	
<b>ELECTRICAL</b>		
LIGHT FIXTURES	No Work Needs Were Identified	
LIGHT SWITCHES	No Work Needs Were Identified	
OUTLETS	No Work Needs Were Identified	
WATER HEATER	No Work Needs Were Identified	
TELEPHONES	No Work Needs Were Identified	
EXTERIOR LIGHT FIXTURES	No Work Needs Were Identified	
LIGHTNING RODS	No Work Needs Were Identified	
CONDUITS	No Work Needs Were Identified	
ELECTRICAL BOX	No Work Needs Were Identified	
EMERGENCY GENERATOR	No Work Needs Were Identified	
GENERATOR MUFFLER	No Work Needs Were Identified	
GENERATOR EXHAUST	No Work Needs Were Identified	
CONTROL PANEL	No Work Needs Were Identified	
FUEL TANK	No Work Needs Were Identified	
TANK VENT	No Work Needs Were Identified	
MONITORING WELLS	No Work Needs Were Identified	
OTHER	No Work Needs Were Identified	
<b>MECHANICAL</b>		
HVAC EQUIPMENT	No Work Needs Were Identified	
HVAC GRILLES/ OUTLETS	No Work Needs Were Identified	
EXHAUST FANS	No Work Needs Were Identified	
WATER COOLER	No Work Needs Were Identified	
<b>PLUMBING</b>		
TOILETS	No Work Needs Were Identified	
URINALS	No Work Needs Were Identified	
VANITIES	No Work Needs Were Identified	
PLUMBING FIXTURES	No Work Needs Were Identified	
HOSE BIBBS	No Work Needs Were Identified	
FLOOR DRAINS	No Work Needs Were Identified	
ROOF DRAINS	No Work Needs Were Identified	
WATER SERVICE	No Work Needs Were Identified	
<b>PARKING AREA</b>		
SIGNS	No Work Needs Were Identified	





General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**GRATIGNY PARKWAY (SR-924): 5.37 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: A-001  
DATE: 9-17-2020**

**ARCHITECTURAL INSPECTION  
LOCATION: ADMINISTRATION BUILDING**



**CRACKS ON STUCCO**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**GRATIGNY PARKWAY (SR-924): 5.37 MILES  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: A-002  
DATE: 9-17-2020**

**ARCHITECTURAL INSPECTION  
LOCATION: ADMINISTRATION BUILDING  
(WEST ELEVATION)**



**MISSING LOCK ON GATE**

**ITEM NOTED TO BE ADDRESSED BY MDX MAINTENANCE**

**MDX HEADQUARTERS BLDG**



# **MDX HEADQUARTERS ANNUAL INSPECTION**

## **2020**

WORK IDENTIFIED UNDER COMMENTS COLUMN IS BEING ADDRESSED UNDER THE SPECIFIED MDX PROJECT

STATE ROAD: MDX HEADQUARTERS DIRECTION: 3790 N.W. 21 STREET		DATE: 9/23/2020 INSPECTED BY: O. SANCHEZ
ASSET	COMMENTS	PHOTO NUMBER
<b>ARCHITECTURAL</b>		
EXTERIOR WALLS	No Work Needs Were Identified	
EXTERIOR DOORS	No Work Needs Were Identified	
EXTERIOR DOOR HARDWARE	No Work Needs Were Identified	
EXTERIOR PAINT	No Work Needs Were Identified	
EXTERIOR FLOORS	No Work Needs Were Identified	
SIDEWALK	No Work Needs Were Identified	
HANDICAP RAMP	No Work Needs Were Identified	
GROUNDS AREA	No Work Needs Were Identified	
FENCE	No Work Needs Were Identified	
CARPET	No Work Needs Were Identified	
WINDOWS	No Work Needs Were Identified	
INTERIOR WALLS	No Work Needs Were Identified	
INTERIOR DOORS	No Work Needs Were Identified	
INTERIOR DOOR HARDWARE	No Work Needs Were Identified	
CEILING TILES	No Work Needs Were Identified	
INTERIOR PAINT	No Work Needs Were Identified	
INTERIOR FLOORS	No Work Needs Were Identified	
CABINETS	No Work Needs Were Identified	
ROOF OVERHANG	No Work Needs Were Identified	
ROOF MATERIALS	ISOLATED REPAIRS ON ROOF MEMBRANE	A-001
ROOF PENETRATIONS	No Work Needs Were Identified	
PAVEMENT MARKINGS	No Work Needs Were Identified	
PARKING AREA	No Work Needs Were Identified	
<b>ELECTRICAL</b>		
LIGHT FIXTURES	No Work Needs Were Identified	
LIGHT SWITCHES	No Work Needs Were Identified	
OUTLETS	No Work Needs Were Identified	
WATER HEATER	No Work Needs Were Identified	
TELEPHONES	No Work Needs Were Identified	
EXTERIOR LIGHT FIXTURES	No Work Needs Were Identified	
LIGHTNING RODS	No Work Needs Were Identified	
CONDUITS	No Work Needs Were Identified	
ELECTRICAL BOX	No Work Needs Were Identified	
EMERGENCY GENERATOR	No Work Needs Were Identified	
GENERATOR MUFFLER	No Work Needs Were Identified	
GENERATOR EXHAUST	No Work Needs Were Identified	
CONTROL PANEL	No Work Needs Were Identified	
FUEL TANK	No Work Needs Were Identified	
TANK VENT	No Work Needs Were Identified	
<b>MECHANICAL</b>		
HVAC EQUIPMENT	No Work Needs Were Identified	
HVAC GRILLES/ OUTLETS	No Work Needs Were Identified	
EXHAUST FANS	No Work Needs Were Identified	
WATER COOLER	No Work Needs Were Identified	
<b>PLUMBING</b>		
TOILETS	No Work Needs Were Identified	
URINALS	No Work Needs Were Identified	
VANITIES	No Work Needs Were Identified	
PLUMBING FIXTURES	No Work Needs Were Identified	
HOSE BIBBS	No Work Needs Were Identified	
FLOOR DRAINS	No Work Needs Were Identified	
ROOF DRAINS	No Work Needs Were Identified	
CLEANOUT	No Work Needs Were Identified	



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**MDX HEADQUARTERS BUILDING  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: A-001  
DATE: 9-23-2020**

**ARCHITECTURAL INSPECTION  
LOCATION: BLDG. 2**



**ISOLATED REPAIRS ON ROOF MEMBRANE**

**ITEM NOTED TO BE ADDRESSED BY MDX WORK PROGRAM No. 30052**

# **MDX PARCEL 193**



**MDX PARCEL 193****2020**

WORK IDENTIFIED UNDER COMMENTS COLUMN IS BEING ADDRESSED UNDER THE SPECIFIED MDX PROJECT INDICATED IN THE PHOTOGRAPHS

ADDRESS: 4800 NW 20TH ST

DATE: 9/18/2020

INSPECTED BY: O. SANCHEZ

ASSET	COMMENTS	PHOTO NUMBER
<b>ARCHITECTURAL</b>		
EXTERIOR WALLS	DELAMINATION OF STUCCO	A-001
EXTERIOR DOORS	No Work Needs Were Identified	
EXTERIOR DOOR HARDWARE	No Work Needs Were Identified	
EXTERIOR PAINT	No Work Needs Were Identified	
HANDICAP RAMP	No Work Needs Were Identified	
PARKING AREA	No Work Needs Were Identified	
GROUND AREA	No Work Needs Were Identified	
LOADING DOCK	No Work Needs Were Identified	
FENCE	No Work Needs Were Identified	
PAVEMENT TYPE & CONDITION	No Work Needs Were Identified	
WINDOWS	No Work Needs Were Identified	
SAFETY RAILING	No Work Needs Were Identified	
INTERIOR WALLS	No Work Needs Were Identified	
INTERIOR DOORS	No Work Needs Were Identified	
INTERIOR DOOR HARDWARE	No Work Needs Were Identified	
CEILING TILES	No Work Needs Were Identified	
INTERIOR PAINT	No Work Needs Were Identified	
INTERIOR FLOORS	No Work Needs Were Identified	
CABINETS	No Work Needs Were Identified	
ROOF MATERIALS	No Work Needs Were Identified	
ROOF PENETRATIONS	No Work Needs Were Identified	
OTHER	No Work Needs Were Identified	
<b>ELECTRICAL</b>		
LIGHT FIXTURES	No Work Needs Were Identified	
LIGHT SWITCHES	No Work Needs Were Identified	
OUTLETS	No Work Needs Were Identified	
WATER HEATER	No Work Needs Were Identified	
EXTERIOR LIGHT FIXTURES	No Work Needs Were Identified	
CONDUITS	No Work Needs Were Identified	
ELECTRICAL BOX	No Work Needs Were Identified	
<b>MECHANICAL</b>		
HVAC EQUIPMENT	No Work Needs Were Identified	
HVAC GRILLES/ OUTLETS	No Work Needs Were Identified	
EXHAUST FANS	No Work Needs Were Identified	
WATER COOLER	No Work Needs Were Identified	
<b>PLUMBING</b>		
TOILETS	No Work Needs Were Identified	
URINALS	No Work Needs Were Identified	
VANITIES	No Work Needs Were Identified	
PLUMBING FIXTURES	No Work Needs Were Identified	
HOSE BIBBS	No Work Needs Were Identified	
ROOF DRAINS	No Work Needs Were Identified	
WATER SERVICE	No Work Needs Were Identified	



General Engineering Consultant to the  
Miami-Dade Expressway Authority

**GENERAL ENGINEERING CONSULTANT INSPECTION AND  
EVALUATION OF THE MIAMI-DADE EXPRESSWAY SYSTEM**

**4200 NW 28<sup>TH</sup> ST.  
PHOTOGRAPHIC INVENTORY**

**PHOTO NO.: A-001  
DATE: 9-18-2020**

**ARCHITECTURAL INSPECTION  
LOCATION: PARCEL 193**



**DELAMINATION OF STUCCO (EAST ELEVATION)**

**ITEM NOTED TO BE ADDRESSED BY THE TENANT**