

WELCOME TO FDOT DAYS

FDOT District Six Auditorium 1000 NW 111 Avenue, Miami, FL 33172 October 26, 2018

AGENDA

- Welcome and Introductions
- District Six Overview
- Planning and Project Development & Environmental
- Design Plans Review & Distribution
- Maintenance Memorandum of Agreement
- Landscaping Program
- Construction Coordination
- Traffic Operations & Safety
- Utilities & Permits
- Local Agency Program



FDOT Overview

OUR MISSION

The department will provide a safe transportation system that ensures the mobility of people and goods, enhances economic prosperity and preserves the equality of our environment and communities.

OUR VISION

As one FDOT team, we serve the people of Florida by providing a transportation network that is well planned, supports economic growth, and has the goal of being congestion and fatality free.

OUR VALUES

The fundamental principles which guide the behavior and actions of our employees and our organization.

FDOT Overview

Integrity "We always do what is right"

Respect "We value diversity, talent and ideas"

Commitment "We do what we say we are going to do"

One FDOT "We are one agency, one team"

Trust "We are open and fair"

Customer Driven "We listen to our customers"

FDOT LEADERSHIP

GOVERNOR Rick Scott



- 45th Governor of Florida
- Re-elected November 2014
- Entrepreneur & Health Care
 Executive
- Degrees in Business Administration and Law

SECRETARY Mike Dew

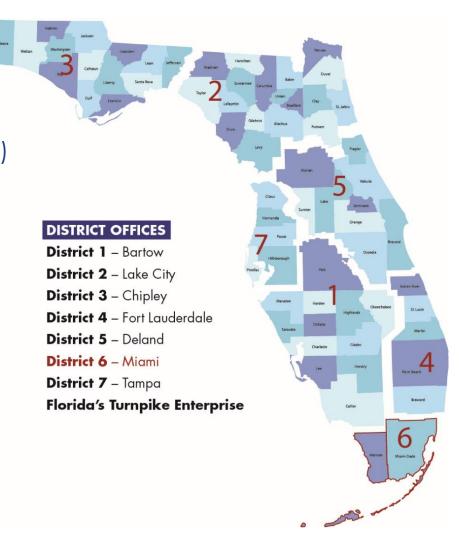


- 39th Secretary of FDOT
- Appointed June 5, 2017
- Former FDOT Chief of Staff
- B.A. from Ohio State University

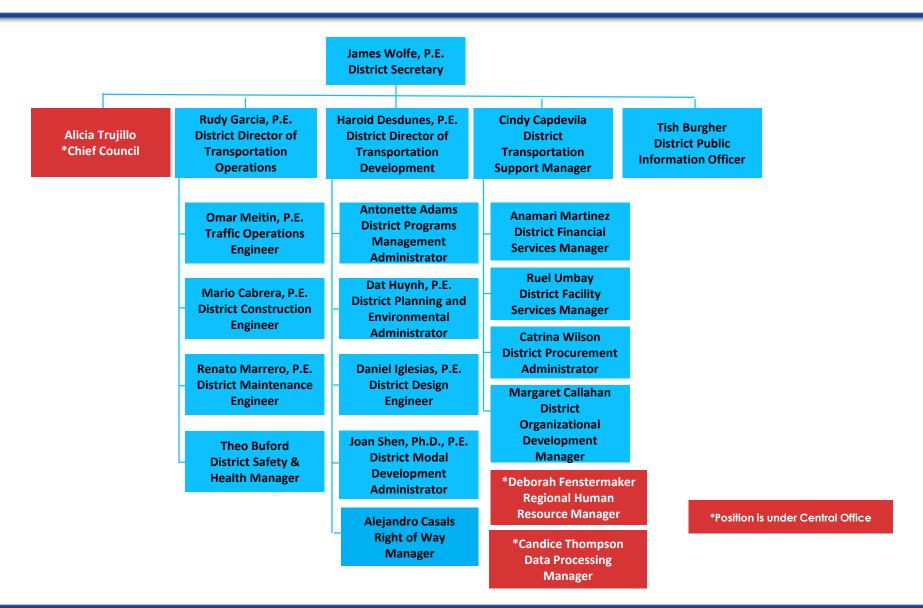
FDOT STATEWIDE DISTRICT MAP

District Six at a Glance:

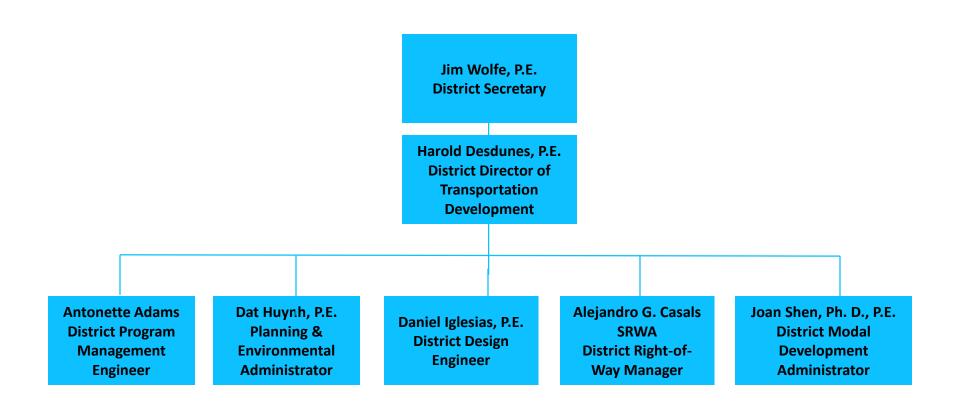
- 2 counties (Miami-Dade & Monroe)
- 700 Centerline miles
- 2,967 Lane miles
- 454 Fixed bridges
- 2 Major transit authorities
- 85 Private & Public airports
- 2 Major rail lines
- 2 Deep-water ports
- More than 2.6 million residents



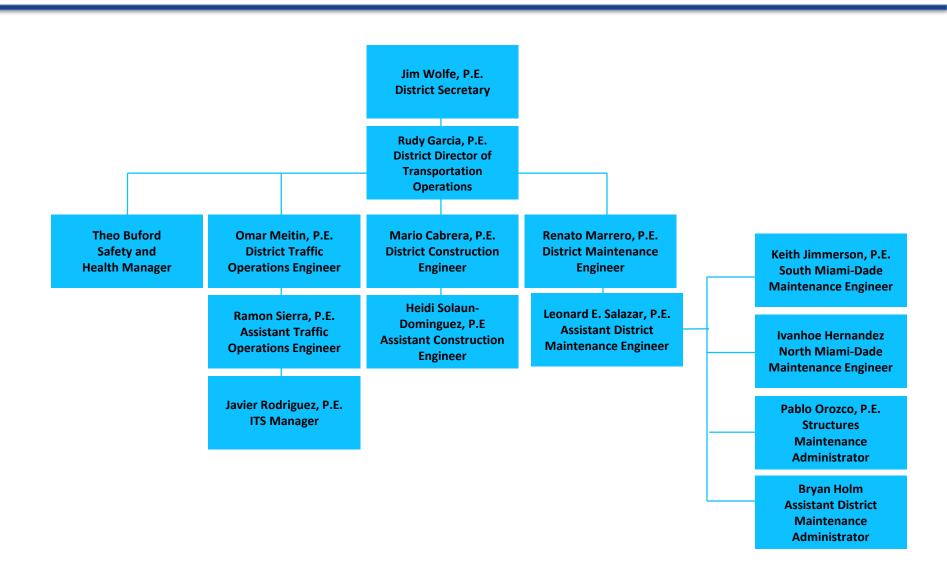
DISTRICT SIX ORGANIZATION CHART



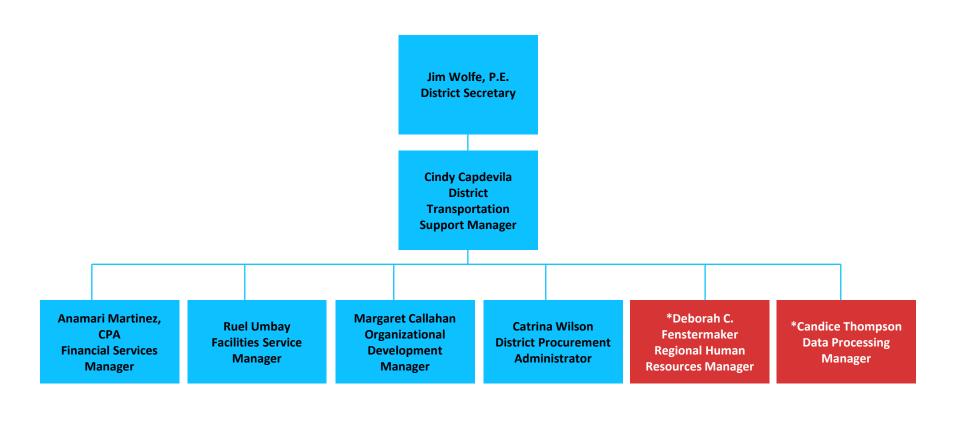
TRANSPORTATION DEVELOPMENT



TRANSPORTATION OPERATIONS



TRANSPORTATION SUPPORT



*position is under Central Office



FDOT WORK PROGRAM VIDEO



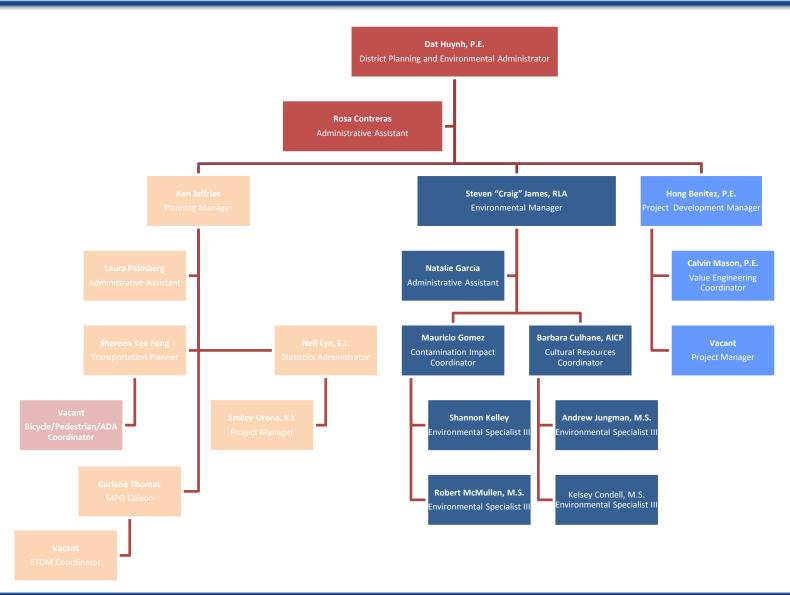




PLANNING AND ENVIRONMENTAL MANAGEMENT OFFICE (PLEMO)

Dat Huynh, P.E. Planning and Environmental Administrator

PLANNING AND PD&E



PLANNING AND ENVIRONMENTAL MANAGEMENT

District Six PLEMO includes three units:

- Planning Unit
- Scoping Unit
- Environment Unit
- Responsible for planning, project development, and environmental analysis of transportation facilities and services.
- Manages Department programs, ensuring quality performance, compliance with applicable laws, rules, policies, and procedures
- governing the operation of the Department.
- Supports the subsequent phases of production including Design and Construction.

PLANNING UNIT CORE FUNCTIONS



- ADA/Bicycle/Pedestrian Facility Planning & Design Plan Review
- Statistics



- Traffic Counts and Data Collection
- RCI/SLD Maintenance
- RCI/Basemap Reconciliation
- GIS/Map Production/Work Program Mapping
- Functional Classification
- Access Management
- Roadway Transfer





- System Planning
 - SIS Coordination
 - Interchange Access
 - Growth Management Reviews
 - o Corridor Planning



ETDM/Intergovernmental Coordination





PLANNING UNIT - ADA/BICYCLE/PEDESTRIAN



Review and sign ADA/Bike/Pedestrian Certifications

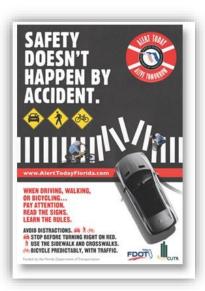


- Manage all ADA/Bike/Pedestrian requests from FDOT, citizens, and partners
- Champion for Bike/Pedestrian and Motorcycle Coalition
- Florid











SYSTEM PLANNING

- District's SIS Coordinator
 - Prepare Cost Feasible Plan, Prioritize Projects for the 1st and 2nd Five Plans, prepare Needs Plan
- Interchange Access Requests & Modifications
- Comprehensive Plan Amendments
- Manage corridor studies
 - Review all pertinent reports and documents produced by each project
 - Follow project to completion which results in projects being advanced to PD&E Studies or Design











TPO LIAISON









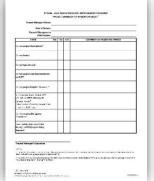
- Long Range Transportation Plan (LRTP)
- Transportation Improvement Program
 (TIP)
- Unified Planning Work Program (UPWP)
- TIP/STIP Amendments

Project Manager TIP Review Checklist









ENVIRONMENTAL SECTION CORE FUNCTIONS

- Environmental Impact Review/NEPA Compliance
- Contamination
- Cultural Resources
- Noise & Air Analysis
- Natural Resources
- Socio-Economic
- Consultant/Contract Management
- Production Management
- Environmental Consultation









CULTURAL RESOURCES

- Historical & Archeological Resources
- Section 106 Coordination
- Determination of Effects Documents
- Section 4(f) Evaluations
- MOA's & Implement Commitments
- Affected Parties Consultations
- Agency Coordination







PROJECT DEVELOPMENT UNIT CORE FUNCTIONS

- Project Development and Environment (PD&E) Scoping
- PD&E QA/QC, Design Reviews, and Reevaluation Support
- Concept Development and Support (including safety projects)
- Resurfacing Program
- Value Engineering / Cost Risk Analysis Programs
- Title VI/Non-Discrimination Program

CONCEPT DEVELOPMENT AND SUPPORT

- Manage development of complex and special projects
- Review FDOT District Six Traffic Operations Safety Studies for production readiness
- Support the Miami-Dade MPO by attending committee meetings and participating in technical document reviews
- Support other public agencies, municipalities, and private entities with technical support and coordination

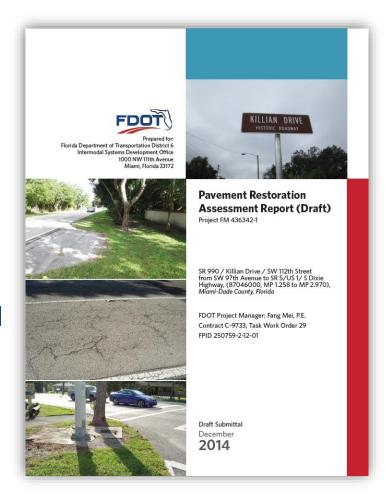






RESURFACING PROGRAM

- Review of Pavement Condition Survey
- Perform field review
- Identify deficient segments and create project list
- Receive input from various offices
- Programming projects for next fiscal year
- Produce Pavement Restoration Assessment report
- Hand off project to design phase



TITLE VI/NON-DISCRIMINATION PROGRAM

Non-Discrimination Program (Title VI) based on Civil Rights Act of 1964:

"Public Participation is solicited without regards to race, color, national origin, age, sex, religion, disability, or family status."



Florida Department of Transportation

RICK SCOTT

605 Suwannee Street Tallahassee, FL 32399-0450 ANANTH PRASAD

POLICY

Effective: October 24, 2011 Office: Equal Opportunity Topic No.: 001-275-006-m

TITLE VI / NONDISCRIMINATION PROGRAM

The Florida Department of Transportation will not discriminate on the basis of race, color, national origin, sex, age, handicap/ disability or income status. No person may be treated unfavorably, excluded from participating in or denied the benefits of any Department program or activity because of their race, color, national origin, age, sex, handicap/ disability or income status. The Department will not retaliate against any person who complains of discrimination or who participates in an investigation of discrimination. Department grant recipients and contractors must comply with this policy.

Department civil rights and program area specialists must work closely to implement their mutual nondiscrimination program responsibilities. Each Assistant Secretary, District Secretary, Florida's Tumpike Enterprise Executive Director, Director, Manager, and Section Head of the Department's major program areas (Planning, Project Development/Environmental, Design, Right-of-Way, Construction, Maintenance, Public Transportation, and Research), and each Department grant recipient and contractor, is responsible for preventing discrimination and ensuring pondiscrimination in all of their programs and activities, whether those programs and activities are federally assisted or not.

The Department's Equal Opportunity Office Manager is delegated the authority to develop, maintain, implement, and monitor this policy as required by 23 Code of Federal Regulations (CFR) Part 200 and 49

CURRENT PLANNING PROJECTS

- FM# 414964-6: SR 9A/I-95 Corridor-wide Planning for Operational Deficiencies
- FM# 434845-2: US 1 From SE 8 Street to NE 215 Street
- Intersection Improvements SR 972/SW 3 Ave/Coral Way at SW 15 Rd/SW 3 Ave (Roundabout)
- SR 934/NW 79th Street CPS from NW 37th Avenue to NW 7th Avenue – Phase 1
- FM# 440228-1: I-195 CPS from I-95 to Alton Rd
- SR 953/NW 42 Ave / SR 948 NW 36 St / SR 25/Okeechobee Rd
- West 68th Street Interchange Improvement Study
- SR5/US 1 SW 88th St (Kendall Drive) to I-95
- Miami-Dade Bike/Ped Implementation Plan



DESIGN PLANS REVIEW AND DISTRIBUTION

Daniel Iglesias, P.E. District Design Engineer

PLANS REVIEW AND DISTRIBUTION

- Roadway projects produced by District Six
- Solicitation of feedback from local municipalities
- Public Officials Project Notification Letter
- Electronic Review Comments (ERC) of District Roadway Plans

ROADWAY PROJECTS PRODUCED BY DISTRICT SIX

- District Six has more than 200 projects being actively designed
- Each year the District completes the design plans for about 50-75 roadway projects
- 90% of the projects are Pavement Rehabilitation and Resurfacing
- Remaining 10% of the projects are:
 - Roadway reconstruction/capacity widening
 - Roadway safety improvements
 - Landscaping

ROADWAY PROJECTS PRODUCED BY DISTRICT SIX

- Project Managers' goals are to prepare a set of plans that:
 - Meet the scope and purpose of the project
 - Meet schedule and construction budget
 - Constructible
- Timeframe to prepare a set of plans for a project depends on the complexity:
 - Reconstruction/Capacity: 24-36 months
 - Pavement Resurfacing: 18 months
 - Safety and Landscaping: 12-18 months

ROADWAY PROJECTS PRODUCED BY DISTRICT SIX

FDOT Project Managers solicit feedback of the roadway plans periodically during the design process:

- o Phase 1 30% Design Complete
- o Phase 2 60% Design Complete
- Phase 3 90% Design Complete
- o Phase 4 100% Design Complete

The District solicits feedback from local municipalities:

- To confirm that the scope of the project is correct and inclusive
- To coordinate any potential conflicts with upcoming local municipality projects
- For possible Joint Participation Agreement (JPA)
- To determine how to minimize impacts
- To inform the public of the upcoming project

SOLICITATION OF FEEDBACK FROM LOCAL MUNICIPALITIES

FDOT wants to hear from you!

- At each Design Phase, FDOT's Project Manager sends a letter informing the local elected and appointed officials about the project including:
 - Project location and limits
 - Description of the work
 - Percentage of design complete
 - Construction costs
 - Letting date



Florida Department of Transportation

RICK SCOTT GOVERNOR

1000 NW 111 Avenue Miami, Florida 33172-5800 JIM BOXOLD SECRETARY

March 24, 2015

Jimmy L. Morales City Manager City of Miami Beach 1700 Convention Center Drive, Miami Beach, FL. 33139

Dear Mr. Morales:

The Florida Department of Transportation is currently working on a roadway project in the City of Miami Beach. This project is presently in the design process and will be completed by July 2016. For your information, we are providing you with a detailed description and limits of the project. We would welcome the opportunity to discuss this project with your office.

PHASE I PLANS REVIEW

Financial Project No: 429193-1-52-01 State Road No: 907

County: Miami-Dade

Local Name: Alton Road
Limits: Michigan Avenue to S, of Ed Sullivan Drive/43 Street

02/28/2018

Description of Work: Reconstruction

Percentage of Completion: 30%
Budget Amount: T.B.D.

Please distribute this notice to all staff that may have an interest or comments for the above mentioned project.

If you or any of your staff have additional questions about this project or any other project in District 6, it would be a pleasure to provide additional information.

Sincerely

Letting Date:

Daniel Iglesias, P.E.

District Roadway Design Engineer

Cc: File

ELECTRONIC REVIEW COMMENTS (ERC)

ERC of Distributed District Roadway Plans

- The Project Manager identifies local municipalities within the project limit
- Contact information from each municipality within Miami-Dade and Monroe counties
 - Public Works Director or City Engineer
- The project Manager distributes the plans electronically via our ERC to the Public Works Director or Engineer
 - Web-based application that is accessible from the internet

ELECTRONIC REVIEW COMMENTS (ERC)

ERC of Distributed District Roadway Plans

- First time users can create a User ID and enter a password for access:
 - Access to download the plans (Adobe format)
 - Reviewers are given the ability to enter written comments electronically
 - The Project Manager will respond to each comment
 - A comment resolution meeting is held
- Important that comments are provided beginning with the first submittal
- The closer to 100% Design Complete the more challenging it may be to implement changes



MAINTENANCE MEMORANDUM OF AGREEMENT (MMOAs)

Renato Marrero District Maintenance Engineer

MAINTENANCE MEMORANDUM OF AGREEMENT (MMOAS)

- Needed when non-standard improvements are proposed inside FDOT's ROW – mostly at the request of a local agency
- Non-standard improvements include:
 - Landscaping and related work
 - Decorative sidewalk (complex design)
 - Pavers or other special sidewalk features
 - Patterned crosswalks
 - Decorative lighting
- Most requests can trigger a Local Funded Agreement

MAINTENANCE MEMORANDUM OF AGREEMENT (MMOA'S)

- MMOAs are between FDOT and other Public Agencies
 - Why because citizens and special groups are transient
 - MMOAs require board approval and associated resolution
 - Used alongside plans, permits and grants
- It essentially says "FDOT will allow the work to be done inside FDOT ROW and the local agency will maintain."

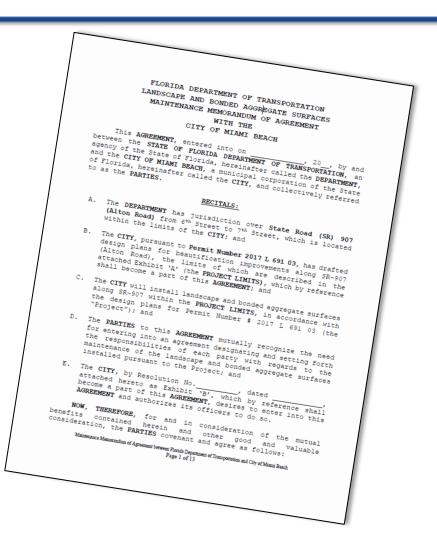
MAINTENANCE MEMORANDUM OF AGREEMENT (MMOA'S)

- When is this document needed?
 - Should be executed by Plans Specifications and Estimates (PS&E)
 - Work should be identified ASAP, typically after 60% plans
 - It will take months for review and execution
- MMOAs are reviewed by FDOT PM, Maintenance, and Legal. The District JPA Coordinator takes the lead creating document

MAINTENANCE MEMORANDUM OF AGREEMENT (MMOA'S)

What it looks like:

- Typically 10 pages
- One page for signatures
- Two Exhibits





LANDSCAPING

Vanessa Ruiz, RLA In-house Landscape Consultant

FDOT APPROACH TO LANDSCAPING

- 1.5% of the \$ contracted for construction statewide minimum statute for new landscape
- Business of Beautification: Safe, Beautiful, Measurable return on investment
- *Context Sensitive Solutions (Beautification & Conservation)
- Identifying the correct landscape mechanism:
 - Standalone (Primary), Roadway (Relocations), Push-button

* Context Sensitive Solutions (CSS) is a collaborative, interdisciplinary approach that involves all stakeholders to develop a transportation facility that fits its physical setting.



LANDSCAPING MAINTENANCE

Memorandum of Agreement (MMOA)



- Between FDOT and local agency
- Combination of local preferences and FDOT requirements
 - Per project basis
 - Potential opportunity for alternative landscaping, hardscape and irrigation related improvements
- Request as early as possible
 - Requires multi-level review, including approvals by local agency and FDOT

LANDSCAPING PROJECTS (Without MMOA)



LANDSCAPING PROJECTS (With MMOA)





DISTRICT SIX CONSTRUCTION

Mario Cabrera, P.E. District Construction Engineer

CONSTRUCTION PROJECTS IN DISTRICT SIX

- Total projects under construction 62
 - o Miami-Dade County 46
 - Monroe County 6
 - o District Wide 10
- Total construction dollars \$1.680 B
 - o Miami-Dade County \$1.602 B
 - Monroe County \$60.8 M
 - District Wide \$17.2 M

CONSTRUCTION TEAM

District Construction Office

- Heidi Solaun-Dominguez, P.E. Assistant DCE
- Jacqueline Sequeira, P.E. Program Manager

North Dade Residency

Ivan Hay, P.E. – North Dade Resident Engineer

South Dade Residency

 Andres Berisiartu, P.E. – South Dade & Monroe County Resident Engineer

CONSTRUCTION TEAM

Construction Public Information

 Kathy McLendon – Construction Public Information Manager

Plans Review & Consultant CEI

 Mikhail Dubrovsky, P.E. – Plans Review Engineer & Consultant CEI Manager

Final Estimates & LAP Construction Program

Barbara Espino – Construction Manager

Successful Construction Projects within Municipalities

- Attend Preconstruction Meetings
- Construction PIO Project Updates via E-blast
- Open Communication During Life of Project
- Participate in Final Punchlist Walk Through



MODAL DEVELOPMENT

Joan Shen, Ph. D., P.E. District Modal Development Administrator

MODAL DEVELOPMENT OFFICE

- Responsible for developing and managing grant programs and projects in support of the District's comprehensive multimodal transportation system for:
 - Transit
 - o Rail
 - Aviation
 - Seaport
 - Freight



 Activities includes programs administration, system safety oversight, plan implementation, project prioritization and support for the transportation partners in Miami-Dade and Monroe Counties.

TRANSIT

- Provide funding opportunities for different programs:
 - New/Innovative transit services Service Development
 - Congestion Relief on overcapacity corridors Transit
 Corridor
 - Improvements to transit facilities Park-and-Ride Lot
 - Capital and Operating Funds Federal 5310 program
 - Transit Operating Funds State Block Grant
- Execute Public Transportation Grant Agreements (PTGA's).
- Perform program requirement oversight to ensure agency compliance.
- Meet with transportation partners to discuss future transit planning and funding needs.
- Manage the South Florida Commuter Service Programs.



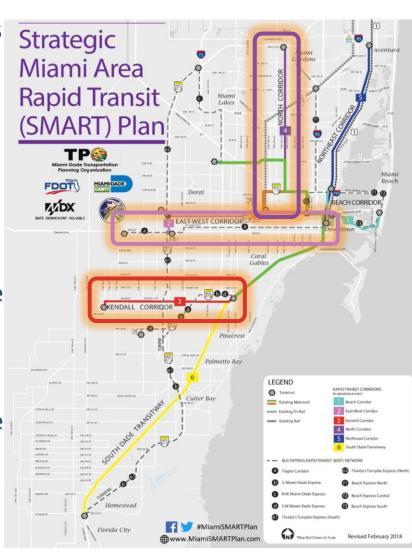
SMART PLAN PD&E STUDY

Conducting the Rapid Transit PD&E Studies and considering the following alternatives:

- SR 9/NW 27th Avenue
 - Curbside Bus Rapid Transit (BRT)
 - At-Grade Heavy Rail Transit (HRT)
 - Elevated Heavy Rail Transit (HRT)
- SR 94/Kendall Drive
 - Curbside BRT Lanes
 - Median BRT Lanes
 - Curbside BRT with Reversible Center Lane
 - At-Grade HRT
 - Elevated HRT
- SR 968/Flagler Street
 - Curbside BRT Lanes
 - Curbside BRT with Reversible Center Lane
 - Median BRT







RAIL

- Review all District design projects for any potential railroad involvement and provide clearance certificates.
- Coordinate execution of agreements among all railroad stakeholders.
- Manage the crossing resurfacing and signal safety programs on state roadways.
- Coordinate construction projects with railroad and other transportation partners.
- Coordinate with District Four and Central Office on the management of the South Florida Rail Corridor (SFRC).
- Rail coordination includes:
 - I-395 Bridge
 - Krome Avenue
 - Crossing improvements on Kendall Drive



AVIATION

- Coordinate and plan capital improvement programs with local aviation partners.
- Coordinate grant programs and aviation systems plan implementation.
- Execute and manage Public Transportation Grant Agreements with eligible airport authorities.
- Oversee projects in accordance with FDOT procedures and grant requirements.
- The District awards, on average, over \$22 M per year for local airport improvement projects, such as:
 - Runways and taxiways improvement
 - Terminal upgrades
 - Baggage handling systems
 - Security improvements



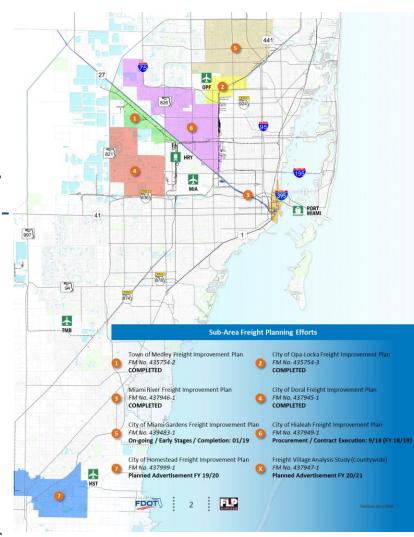
SEAPORT

- Work with partners to identify, evaluate and program strategic seaport project funding.
- Monitor and report on project status and Public Transportation Grant Agreement status statewide.
- Execute and manage all agreements with the District's seaports and oversee project in accordance with FDOT procedures and grant requirements.
- The Department funds seaport capital improvement projects, such as:
 - Cruise terminal improvements
 - Wharf and seawall improvements
 - Baggage handling systems
 - Security improvements



FREIGHT

- Develop and implement strategies to improve freight mobility and logistic operations.
- Serve as the primary contact for freight interest on a regional & statewide level.
- Assist in facilitating public-private, statelocal and state-federal freight transportation investment decision.
- Conduct sub-area freight studies to develop freight mobility solution and implement Freight Mobility Trade Plan.
 - Town of Medley, City of Opa-Locka,
 Miami River, and City of Doral.
 - Miami Gardens, Hialeah, Homestead, and Countywide Freight Village Analysis.





Florida Department of Transportation

TRAFFIC OPERATIONS

Omar Meitin, P.E. Traffic Operations Engineer



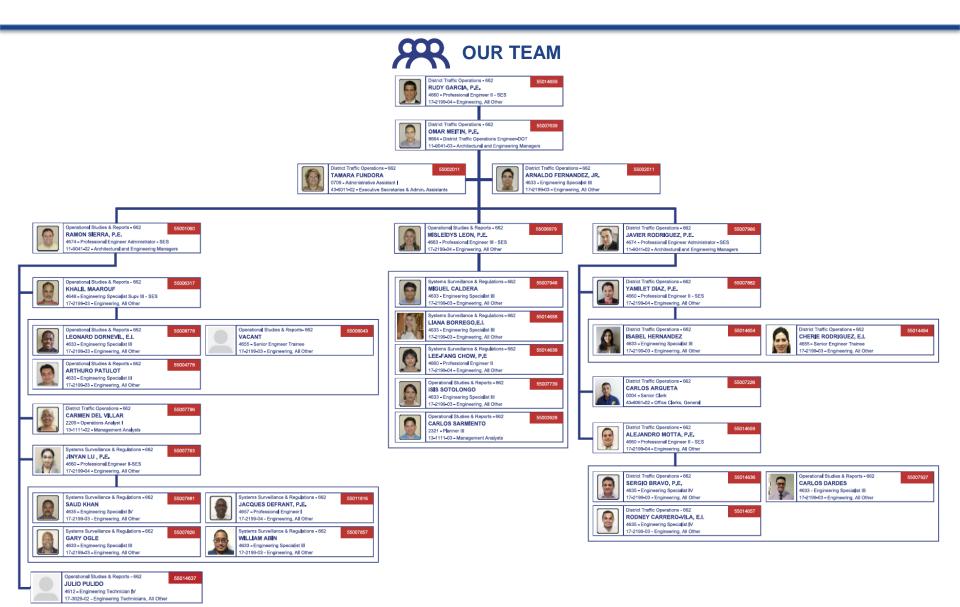
MISSION

To ensure safety and mobility for all users of the District's transportation system.



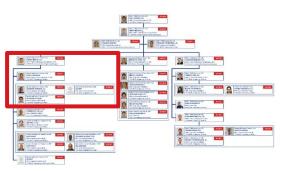
VISION

To seek pioneering solutions for improved safety and mobility for all users of the District's transportation system.

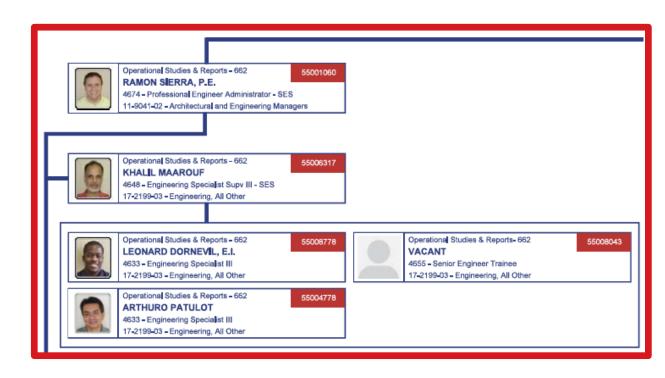


TRAFFIC STUDIES

The Traffic Studies
Team conducts
traffic studies and
recommends
improvements.



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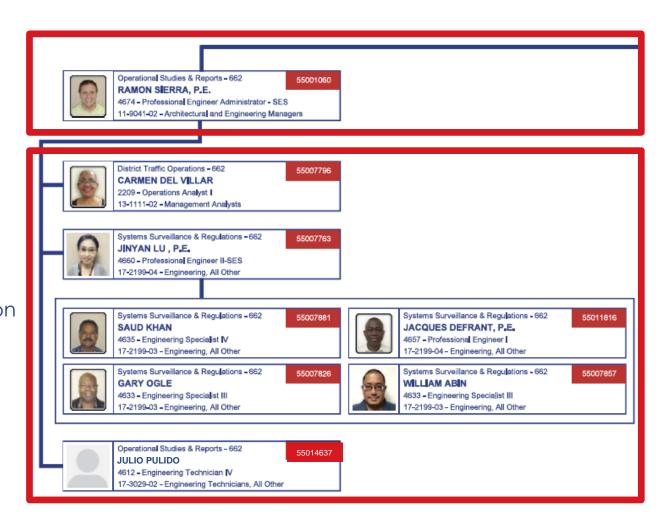
PRODUCTION & SURVEILLANCE

The Team's key responsibilities are:

- Permit Applications
- Traffic Impact Studies
- Access Management
- Directional Signs and Special Roadway Designations
- Roadway Characteristics Inventory
- Pushbutton Project Coordination
- Maintenance of Traffic Lane Closure Coordination



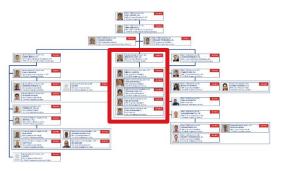
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SAFETY

The Safety team carries out the **Highway Safety Improvement Program. Emphasis areas include:**

- Safety and Education Campaigns and Events
- Aggressive, Distracted and Impaired Driving
- Intersection and Lane Departure Crashes
- At Risk Drivers (Teen and Elder Road Users)
- Vulnerable Road Users (Pedestrians, Bicycles and Motorcycles)



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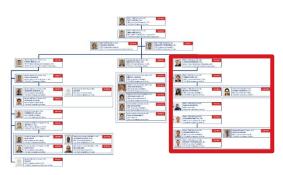


TRANSPORTATION SYSTEMS MANAGEMENT & OPERATIONS

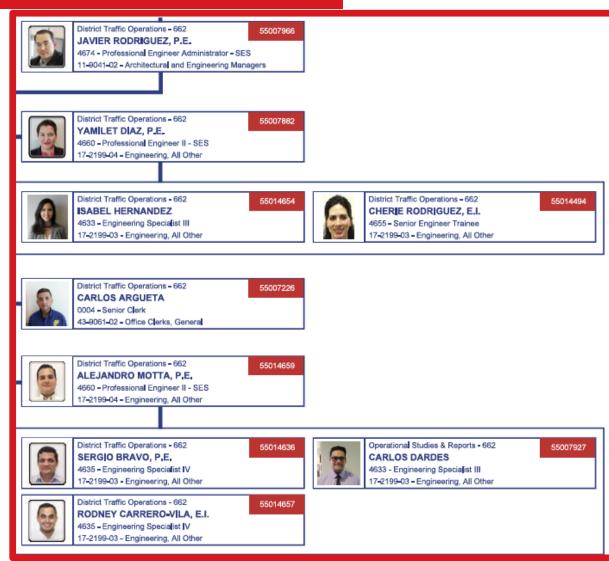
ARTERIALS & FREEWAYS

Transportation Systems & Operations

The TSM&O team focuses on implementing active, multi-modal transportation management solutions to optimize roadway safety and performance.



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Loren Marquez, P.E. In-house Permit Consultant

When are permits required?

- When working within the Department's Right of Way
 - Roadway Alterations (Access Connection Permit or Construction Agreement)
 - Driveways and Median Openings
 - o Turn Lanes
 - Traffic Signals
 - Drainage Improvements
 - Lighting Improvements
 - Roadway improvements
 - Utility Work (Utility Permit)
 - New installations and improvements
 - Emergency Repairs
 - Landscaping and Hardscaping (Highway Landscaping Permit)

When are permits required?

- Filming, banners, or special events
- Other Types of Work (General Use Permit)
 - Placement of Traffic Control Devices
 - Crane Placement
 - Scaffolding

F.D.O.T.

RIGHT OF WAY SHALL
CONFORM TO CURRENT
F.D.O.T. STANDARDS
AND SPECIFICATIONS

All work within FDOT Right of Way shall conform with the latest FDOT Standard Plans and Specifications for Road and Bridge Constructions.

Who do you contact?

FDOT District Six Permit Office: 305-470-5367

How can you apply for a permit?

- All permits submittals have been consolidated into one system.
- All permits are processed in the One-Stop Permitting system (OSP)
- For online registration and submittals go to: https://osp.fdot.gov/

Who will you work with?

- Depending on type of permit and location, you will work with one of five permit coordinators
- Ali Al-Said, P.E., is the District Permit Engineer



One Stop Permitting

- How long does the process take?
 - Up to 30 days
- What other services does the Permit Office provide?
 - Pre-application meetings with our clients to discuss future projects
 - Preliminary review/comments as appropriate
 - Provide permit applications and checklists
 - Provide assistance with the One-Stop Permitting system



LOCAL AGENCY PROGRAM (LAP) & CERTIFICATION

Xiomara Nunez Local Program Administrator

LOCAL AGENCY PROGRAM (LAP)

- LAP is a <u>federal program</u>
- Local agencies administer federally-funded projects
- Local Agencies must become <u>LAP-Certified</u>.



City of Marathon - Cocopium Drive Pedestrian Bridge



Monroe County - Marvin Adams Pedestrian Bridg

Local Agency shall demonstrate <u>staff's</u> proficient <u>capability</u> to successfully <u>administer</u>, <u>execute</u> and <u>complete</u> federally-funded transportation projects under the LAP program in adherence to all federal and state requirements

Process for Certification

- Local Agency Program Trainings (CBTs & In-person)
- SCAT & Financial Risk Assessment (Initial Screening)
- Qualification Tool
- Pre-certification Meeting
- District Interview

http://www.fdot.gov/programmanagement/LAP/BecomingCertified.shtm

District LAP Administrator considers the following:

- Full Certification: valid for a 3-year period
- Project Specific Certification
- Deny Local Agency Certification

For more information, please visit

http://www.dot.state.fl.us/programmanagement/LAP/Default.shtm

<u>OR</u>

Contact Xiomara Nunez

Xiomara.Nunez@dot.state.fl.us

305-470-5404



Questions?



Please visit the various stations around the auditorium for more information about each department.

Today's presentation will be available at: fdotmiamidade.com or fdotmonroe.com

Thank you!