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
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
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
Jim Wolfe, P.E.
District Secretary

Cindy Capdevila
District Transportation Support Manager

Anamari Martinez, CPA
Financial Services Manager

Ruel Umbay
Facilities Service Manager

Margaret Callahan
Organizational Development Manager

Catrina Wilson
District Procurement Administrator

*Deborah C. Fenstermaker
Regional Human Resources Manager

*Candice Thompson
Data Processing Manager

*position is under Central Office
Florida Department of TRANSPORTATION

FDOT WORK PROGRAM VIDEO
PLANNING AND ENVIRONMENTAL MANAGEMENT OFFICE (PLEMO)

Dat Huynh, P.E.
Planning and Environmental Administrator
PLANNING AND PD&E

Dat Huynh, P.E.
District Planning and Environmental Administrator

Rosa Contreras
Administrative Assistant

Ken Jeffries
Planning Manager

Laura Palmberg
Administrative Assistant

Shereen Yee Fong
Transportation Planner

Neil Lyn, E.I.
Statistics Administrator

Smiley Urena, E.I.
Project Manager

Mauricio Gomez
Contamination Impact Coordinator

Steven “Craig” James, RLA
Environmental Manager

Natalie Garcia
Administrative Assistant

Shannon Kelley
Environmental Specialist III

Robert McMullen, M.S.
Environmental Specialist III

Barbara Culhane, AICP
Cultural Resources Coordinator

Andrew Jungman, M.S.
Environmental Specialist III

Kelsey Condell, M.S.
Environmental Specialist III

Hong Benitez, P.E.
Project Development Manager

Calvin Mason, P.E.
Value Engineering Coordinator

Vacant
Project Manager

Curlene Thomas
MPO Liaison

Vacant
Bicycle/Pedestrian/ADA Coordinator

Vacant
ETDM Coordinator

Rosa Contreras
Administrative Assistant

Florida Department of Transportation
• District Six PLEMO includes three units:
  o Planning Unit
  o Scoping Unit
  o 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
- Travel Demand Modeling/Forecast/LOS
- System Planning
  - SIS Coordination
  - Interchange Access
  - Growth Management Reviews
  - Corridor Planning
- MPO Administration/Policy 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
- Florida Ciclovia and Open events
SYSTEM PLANNING

• District’s SIS Coordinator
  o Prepare Cost Feasible Plan, Prioritize Projects for the 1\textsuperscript{st} and 2\textsuperscript{nd} Five Plans, prepare Needs Plan

• Interchange Access Requests & Modifications

• Comprehensive Plan Amendments

• Manage corridor studies
  o Review all pertinent reports and documents produced by each project
  o Follow project to completion which results in projects being advanced to PD&E Studies or Design
TPO LIAISON

• FDOT Participation in TPO Deliverables
  o Long Range Transportation Plan (LRTP)
  o Transportation Improvement Program (TIP)
  o Unified Planning Work Program (UPWP)

• TIP/STIP Amendments
  o 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 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
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.”
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:
  o Roadway reconstruction/capacity widening
  o Roadway safety improvements
  o Landscaping
• Project Managers’ goals are to prepare a set of plans that:
  o Meet the scope and purpose of the project
  o Meet schedule and construction budget
  o Constructible

• Timeframe to prepare a set of plans for a project depends on the complexity:
  o Reconstruction/Capacity: 24-36 months
  o Pavement Resurfacing: 18 months
  o 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
  o Phase 3 – 90% Design Complete
  o Phase 4 – 100% Design Complete

• The District solicits feedback from local municipalities:
  o To confirm that the scope of the project is correct and inclusive
  o To coordinate any potential conflicts with upcoming local municipality projects
  o For possible Joint Participation Agreement (JPA)
  o To determine how to minimize impacts
  o To inform the public of the upcoming project
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

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
Description of Work: Reconstruction
Percentage of Completion: 30%
Budget Amount: T.B.D.
Letting Date: 02/28/2018

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,

Daniel Iglesias, P.E.
District Roadway Design Engineer
Cc: File
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:
  o Access to download the plans (Adobe format)
  o Reviewers are given the ability to enter written comments electronically
  o The Project Manager will respond to each comment
  o 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
• Needed when non-standard improvements are proposed inside FDOT’s ROW – mostly at the request of a local agency

• Non-standard improvements include:
  o Landscaping and related work
  o Decorative sidewalk (complex design)
  o Pavers or other special sidewalk features
  o Patterned crosswalks
  o Decorative lighting

• Most requests can trigger a Local Funded Agreement
MAINTENANCE MEMORANDUM OF AGREEMENT (MMOA’S)

• MMOAs are between FDOT and other Public Agencies
  o Why – because citizens and special groups are transient
  o MMOAs require board approval and associated resolution
  o 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
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.*
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)
DISTRICT SIX CONSTRUCTION

Mario Cabrera, P.E.
District Construction Engineer
CONSTRUCTION PROJECTS IN DISTRICT SIX

- Total projects under construction – 62
  - Miami-Dade County – 46
  - Monroe County – 6
  - District Wide – 10

- Total construction dollars – $1.680 B
  - 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 OFFICE

• Responsible for developing and managing grant programs and projects in support of the District’s comprehensive multimodal transportation system for:
  
  o Transit
  o Rail
  o Aviation
  o Seaport
  o 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:
  o New/Innovative transit services - Service Development
  o Congestion Relief on overcapacity corridors - Transit Corridor
  o Improvements to transit facilities - Park-and-Ride Lot
  o Capital and Operating Funds - Federal 5310 program
  o 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.
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
• 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:
  o I-395 Bridge
  o Krome Avenue
  o 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:
  o Runways and taxiways improvement
  o Terminal upgrades
  o Baggage handling systems
  o Security improvements
• 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:
  o Cruise terminal improvements
  o Wharf and seawall improvements
  o Baggage handling systems
  o Security improvements
• 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, state-local 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.
TRAFFIC OPERATIONS

Omar Meitin, P.E.
Traffic Operations Engineer
TRAFFIC OPERATIONS

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.
The Traffic Studies Team conducts traffic studies and recommends improvements.
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
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)
The TSM&O team focuses on implementing active, multi-modal transportation management solutions to optimize roadway safety and performance.
PERMITTING PROCESS

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

• When are permits required?

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

• **When are permits required?**
  
  o Filming, banners, or special events
  o Other Types of Work - (General Use Permit)
    – Placement of Traffic Control Devices
    – Crane Placement
    – Scaffolding

  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?**
  
  o FDOT District Six Permit Office: 305-470-5367
PERMITTING PROCESS

• **How can you apply for a permit?**
  o All permits submittals have been consolidated into one system.
  o All permits are processed in the One-Stop Permitting system (OSP)
  o For online registration and submittals go to: [https://osp.fdot.gov/](https://osp.fdot.gov/)

• **Who will you work with?**
  o Depending on type of permit and location, you will work with one of five permit coordinators
  o Ali Al-Said, P.E., is the District Permit Engineer
PERMITTING PROCESS

• **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 federal program
• Local agencies administer federally-funded projects
• Local Agencies must become LAP-Certified.
Local Agency shall demonstrate **staff’s** proficient capability to successfully administer, execute and complete 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**
LOCAL AGENCY CERTIFICATION

For more information, please visit

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

OR

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!