

WELCOME TO FDOT DAYS Hybrid Workshop

September 7, 2023

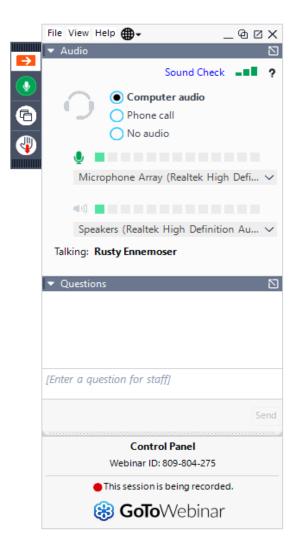
Florida Department of Transportation (FDOT), District Six 1000 NW 111 Avenue, Miami, FL 33172

AGENDA

- Welcome and Introductions
- Rules of Engagement
- District Six Overview
- Planning and Project Development & Environmental
- Design Plans Review & Distribution
- Modal Development
- Landscaping Program
- Construction Coordination
- Traffic Operations & Safety
- Maintenance Coordination
- Permits
- Local Programs
- Questions and Answer Session

RULES OF ENGAGEMENT

- This workshop is being recorded
- Attendees will remain muted throughout the workshop except for the Question and Answer session. Use the "Raise Hand" button on your GoTo Webinar panel to provide a comment. Provide your full name first, address and comment
- Attendees are welcome to submit questions/comments using the GoToWebinar Question Panel and a representative will respond during the Question and Answers session.



RULES OF ENGAGEMENT

- The workshop will begin with a presentation, followed by comments and questions
- If you experience technical difficulties, please call Walna Calixte at 786-269-4146 or email her at <u>Walna@iscprgroup.com</u>
- Today's presentation will be available to download at: www.fdotmiamidade.com/fdot-days



OUR MISSION

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



Integrity "We always do what is right"

Respect "We value diversity, talent and ideas"

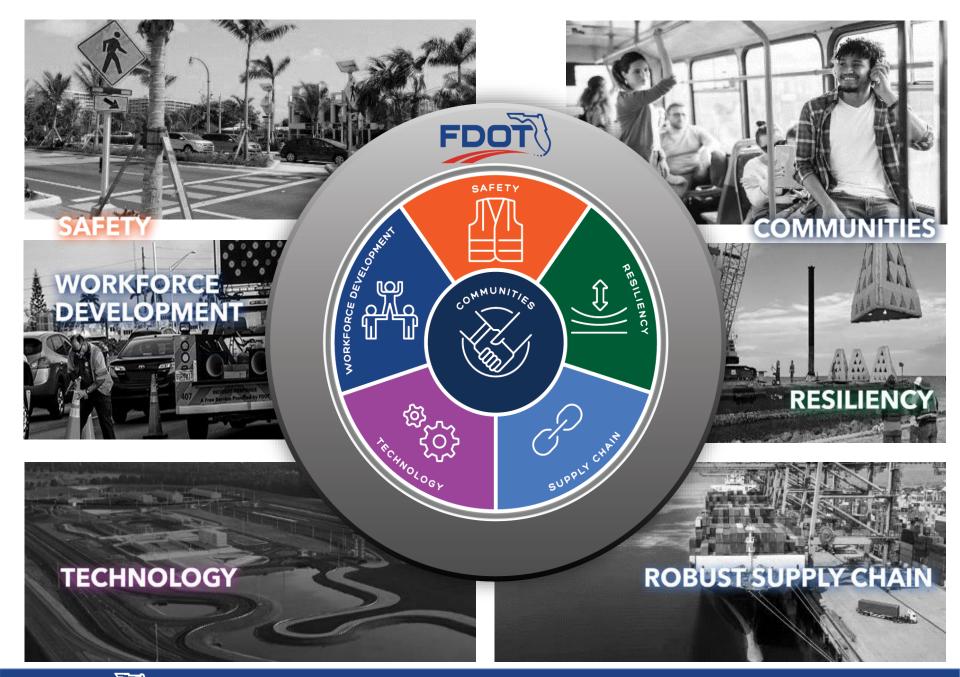
Commitment "We do what we say we are going to do"

One FDOT "We are one agency, one team"

Trust "We are open and fair"

Customer Driven "We listen to our customers"





FDOT LEADERSHIP

GOVERNOR Ron DeSantis



SECRETARY Jared W. Purdue, P.E.



- 46th Governor of Florida
- Elected November 2018
- Former U.S. Representative , 2013 -2018
- Graduate of Harvard Law School

- 41st Secretary of FDOT
- Appointed April 2022
- Former District Five Secretary
- B.S. in Civil Engineering from The Citadel, South Carolina

FDOT STATEWIDE DISTRICT MAP

District Six at a Glance:

- 2 counties (Miami-Dade & Monroe)
- 700 Centerline miles
- 3,190 Lane miles
- 645 Bridges
- 2 Major transit authorities
- 42 Private & Public airports
- 2 Major rail lines
- 2 Deep-water ports
- Nearly 2.8 million residents

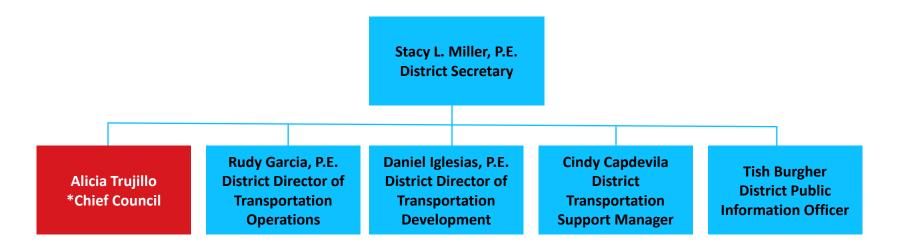
DISTRICT OFFICES

District 1 – Bartow District 2 – Lake City District 3 – Chipley District 4 – Fort Lauderdale District 5 – Deland District 6 – Miami

- District 7 Tampa
- Florida's Turnpike Enterprise



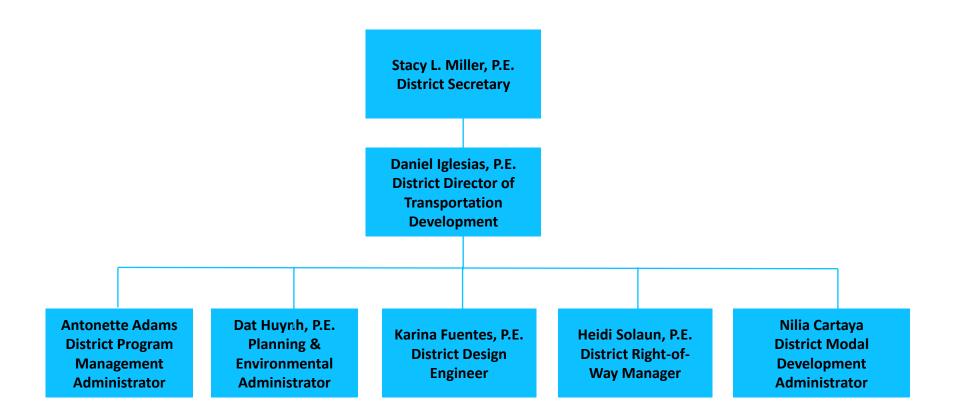
DISTRICT SIX ORGANIZATION CHART



*Position is under Central Office

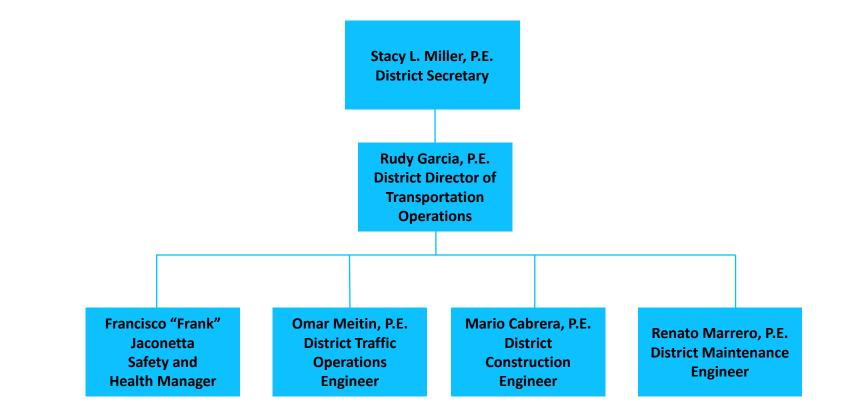


TRANSPORTATION DEVELOPMENT



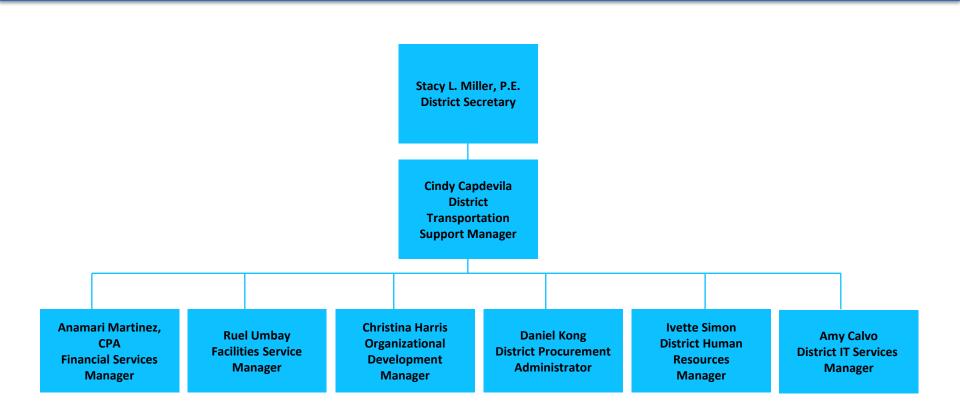


TRANSPORTATION OPERATIONS





TRANSPORTATION SUPPORT







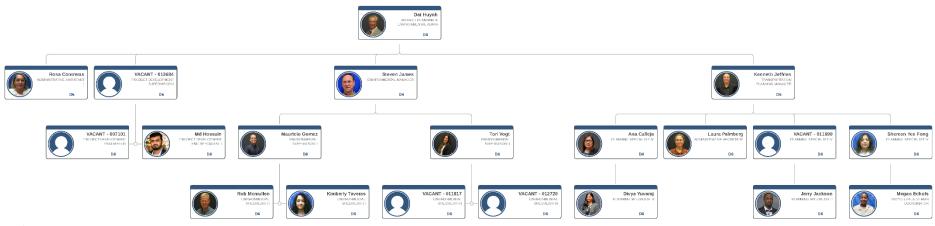






PLANNING AND ENVIRONMENTAL MANAGEMENT OFFICE (PLEMO)

Dat Huynh, P.E. Planning and Environmental Administrator **District Six Planning and Environmental Management Office (PLEMO)**



Page 1 of 1



PLANNING AND ENVIRONMENTAL MANAGEMENT

• 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
 - o RCI/SLD Maintenance
 - o RCI/Basemap Reconciliation
 - GIS/Map Production/Work Program Mapping
 - Functional Classification
 - Access Management
 - o Roadway Transfer
 - Travel Demand Modeling/Forecast/LOS
 - System Planning
 - SIS Coordination
 - Interchange Access
 - o Growth Management Reviews
 - Corridor Planning
 - MPO Administration/Policy Planning
 - ETDM/Intergovernmental Coordination



PLANNING UNIT - ADA/BICYCLE/PEDESTRIAN





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











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



- o 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



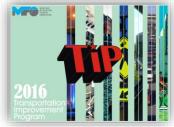


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FDOT Participation in TPO Deliverables

- 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



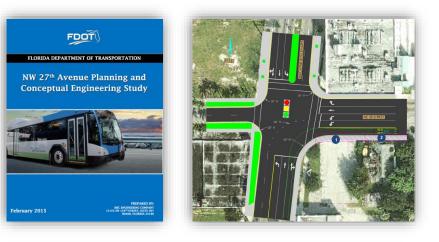
Non-Discrimination Program (Title VI) based on Civil Rights Act of 1964:

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

	17-					
Florida Department of Transportation						
RICK SCOTT GOVERNOR	605 Suwannee Street Tallahassee, FL 32399-0450	ANANTH PRASAD SECRETARY				
POLICY	Office: E	Effective: October 24, 2011 Office: Equal Opportunity Topic No.: 001-275-006-m				
TITLE VI / NONDISCRIMINATION PROGRAM						
age, handicap/ disability or in in or denied the benefits of an age, sex, handicap/ disability	ansportation will not discriminate on the basis come status. No person may be treated unfaw y Department program or activity because of t or income status. The Department will not retr who participates in an investigation of discrim st comply with this policy.	orably, excluded from participating heir race, color, national origin, aliate against any person who				
nondiscrimination program re Enterprise Executive Director (Planning, Project Developme Transportation, and Research	ogram area specialists must work closely to im sponsibilities. Each Assistant Secretary, Distri, , Director, Manager, and Section Head of the D nHEnvironmental, Design, Right-of-Way, Cons), and each Department grant recipient and c ensuring nondiscrimination in all of their progr derally assisted or not.	t Secretary, Florida's Tumpike Department's major program areas struction, Maintenance, Public pontractor, is responsible for				
	ortunity Office Manager is delegated the autho oolicy as required by 23 Code of Federal Regu					
	Ananth P Secretary	Francel rasad, P.E.				

CONCEPT DEVELOPMENT AND SUPPORT

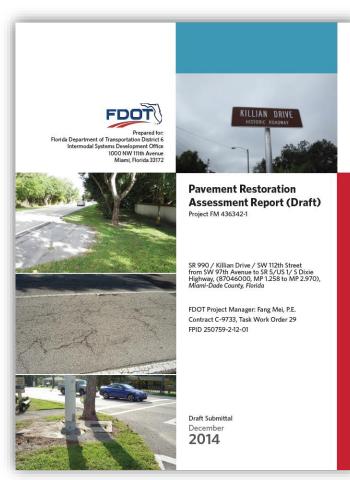
- Manage development of complex and special projects
- Review FDOT District Six Traffic
 Operations Safety Studies for
 production readiness
- Support the Miami-Dade TPO by attending committee meetings and participating in technical document reviews
- Support other public agencies, municipalities, and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



PLEMO CONTACT INFORMATION

Dat Huynh, P.E., CPM

District Planning and Environmental Administrator Phone: (305) 470-5201; Fax: (305) 470-5205 E-mail: <u>dat.huynh@dot.state.fl.us</u>

Kenneth Jeffries

District Six Transportation Planning Manager Planning and Environmental Management Office Phone: (305) 470-5445, Fax: (305) 470-5205 E-mail: <u>Ken.Jeffries@dot.state.fl.us</u>

Steven Craig James, RLA 1451

District Environmental Manager Phone: (305) 470-5221 E-mail: <u>steven.james@dot.state.fl.us</u>





DESIGN OFFICE

Karina Fuentes, P.E. District Design Engineer



DESIGN TEAM



Karina Fuentes, P.E. District Design Engineer



Judy Solaun-Gonzalez, P.E. District Consultant Project Management Engineer



Hailing Zhang, P.E. District Structures Design Engineer



Nathaniel Pulido, P.E. District Drainage Design Engineer



Raymond Valido, P.E. District Roadway Design Engineer

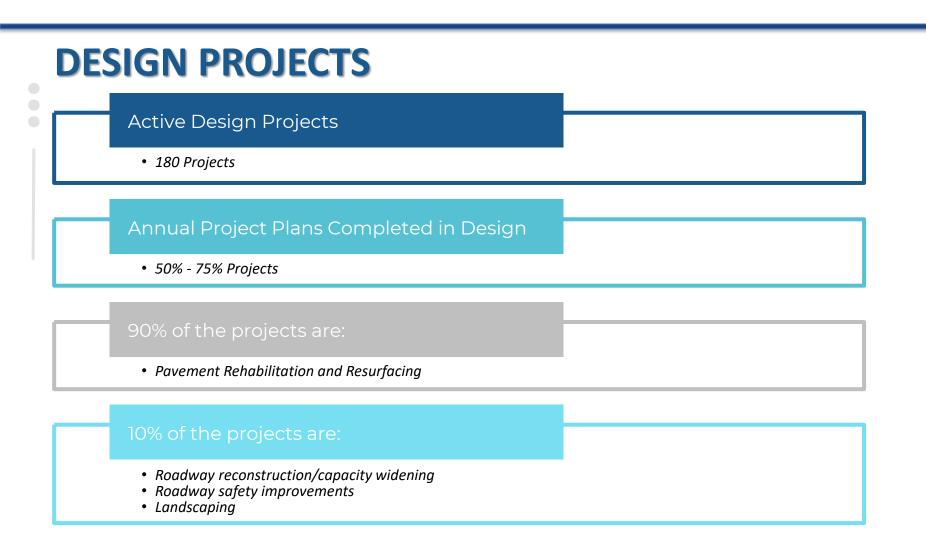


Felix Hernandez, P.E. District Design Support Engineer



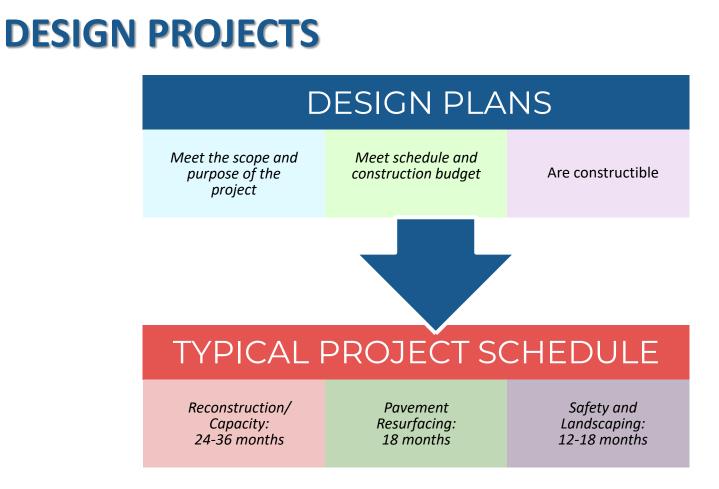
Victor Marrero, P.S.M. District Surveyor & Mapper







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PROJECT TYPES







PROJECT TYPE -RESURFACING

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FDM 114 - Resurfacing, Restoration, and Rehabilitation (RRR)



Work undertaken to extend the service life of an existing highway and enhance highway safety for all modes of travel



Section 334.046, Florida Statutes (F.S.) requires that 80% of the pavement on the SHS meets Florida Department of Transportation (department) standards

- Funding is based on lane mile allocation
- Determination of projects considers Rut, Ride, Crack rating



Scope can include

- Safety improvements
- ADA Modifications
- Paved shoulder widening
- Roadside improvements
- Bridge railing improvements



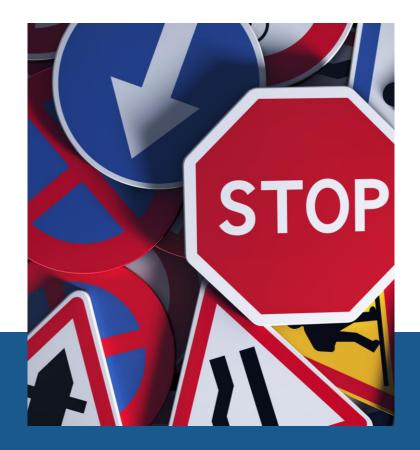
Scope originated through Pavement Assessment Restoration Report (RRR)



Section 334.046, Florida Statutes (F.S.) requires that 80% of the pavement on the SHS meets Florida Department of Transportation (department) standards

FDM 114.2 - Planning and Programming RRR Projects

"Due to limitations on resurfacing funds, improvements other than those necessary to address a safety need or to meet design criteria must be carefully considered before inclusion in the project scope"



PROJECT TYPE -SAFETY

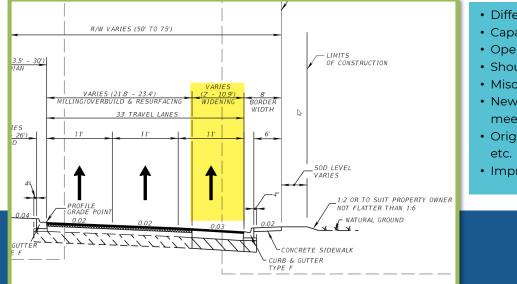
- Originated through Traffic Operations Safety Office
- Data driven process where areas with statistically higher crash patterns are prioritized
- Meant to address specific crash patterns; Fatal + Injury reduction
- Requires a benefit-cost ratio greater than 1
- Federal funds typically used
- All modified elements/features need to meet new construction criteria
- Existing elements/features that are deficient and not being modified do not require modification/update

FDM 122.1.1 – Safety Projects

"For projects using safety funds and developed to improve specific safety problems, only the elements identified under the scope of work for the safety improvement project are subject to these approval processes. Existing non-compliant features, within the limits of a safety improvement project do not require approval to remain, if the project does not create a noncompliant condition. "



PROJECT TYPE - WIDENING



- Different applications
- Capacity Add lanes
- Operations Turn lanes
- Shoulder widening
- Miscellaneous Improvements
- New construction criteria full roadway should be analyzed to meet appropriate criteria not just widened section
- Originates through PD&E, RRR Safety Review, Scoping Reports, etc.
- Improvements can be limited by R/W and existing conditions

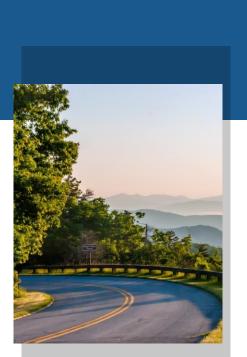


PROJECT TYPE -RECONSTRUCTION/ NEW ALIGNMENT

- Use new construction criteria should have little to no design variations/exceptions
- Typically includes a R/W Phase

FDO

- Flexibility to utilize available R/W to meet corridor needs
- Typically originates through a PD&E









DESIGN PROJECTS -REVIEW PROCESS

Project Plan Reviews



Typical Phase Reviews

Phase 1 - 30% Phase 2 - 60% Phase 3 - 90% Phase 4 - 100%

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Feedback

Project Scope

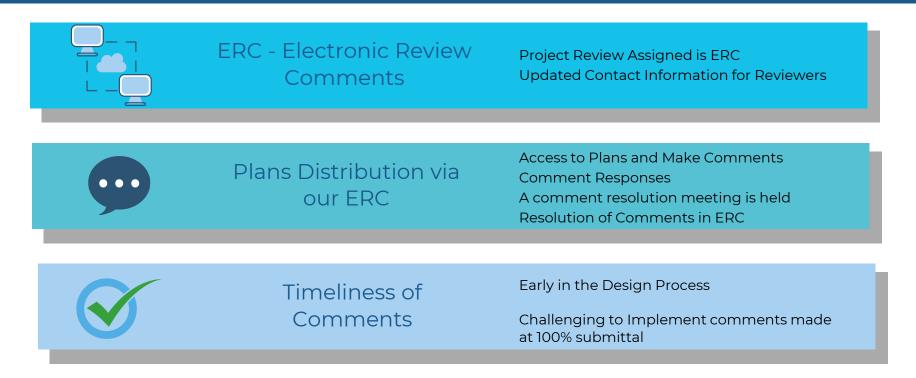
Coordinate with upcoming local projects Possible Joint Participation Agreement Minimize Impacts Public Information





DESIGN PROJECTS -REVIEW PROCESS

ERC - Electronic Review Comments





ERC ADMINISTRATORS



Luis Nicaragua

District ERC Administrator 305-640-7465 Luis.Nicaragua@dot.state.fl.us



Jose Guarrochena

District CADD Manager 305-470-5468 Jose.Guarrochena@dot.state.fl.us



COORDINATION DURING DESIGN



It takes all of us working together to deliver a project successfully.

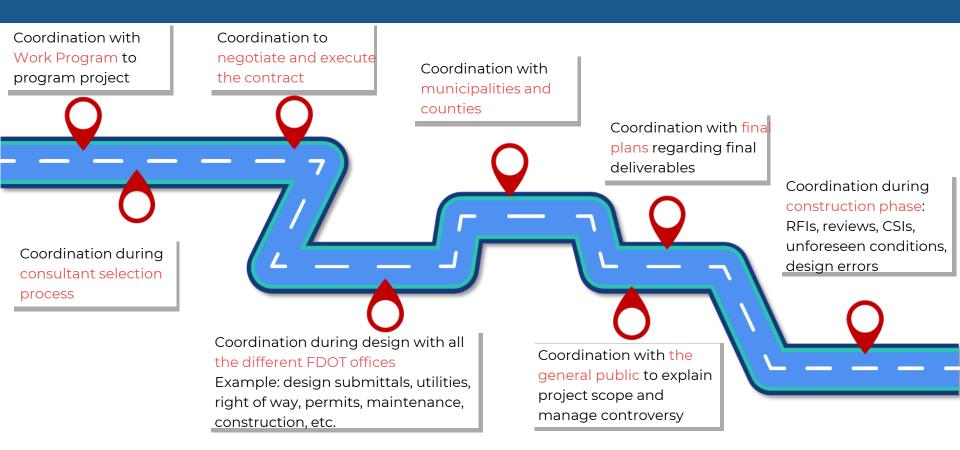


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It Takes

Village

COORDINATION THROUGHOUT THE LIFE OF PROJECT



MUNICIPALITIES AND COUNTIES

- Our goal is to keep you informed
- Schedule coordination meetings
- Submit letters at every submittal to public officials
 - Submit plans to appropriate departments for review through our Electronic Review Comment System (ERC)
 - Coordinate District Funded Agreements, Local Funded Agreements, Maintenance Agreements



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Project Manager Contract's list in ERC



City / Town / Village	Po	osition	Name	Phone N	umber	E-mail Address
MIAMI-DADE COUNTY	Mayor		Daniella Levine Cava (305) 3		5-5071	mayor@miamidade.gov
111 NW 1st Street, Suite 2910, Miami FL, 33128	Public Works Director		Eulois Cleckley	(305) 37	5-2960	Eulois.Cleckley@miamidade.go
	DTPW Asst. Director		Miguel Soria	(305) 37	5-2863	miguel.soria@miamidade.gov
All Projects	DTPW Senior Profess	sional Engineer	Octavio Marin	(305) 37	5-4664	octavio.marin@miamidade.gov
Signals Only	DTPW Highway Divison		Leandro Oña	Leandro Oña (305) 375		Leandro.Ona@miamidade.gov
Brog- Signals and Lighting	DTPW Traffic Plans Reviewer		Gerard Cadet	Cadet (305) 375-34		cadet@miamidade.gov
Q Lighting Only	Assistant Chief Traffic	c Engineering	Yamilet Senespleda	(305) 375-2746		yamilet.senespleda@miamidade.
Within School Zone Only	Traffic Engineering D	ivision PE	David W. Hays	(305) 37	5-1019	hays@miamidade.gov
and the second se	Transit Right-of-Way	Engineering Manager	Carol Wilson	(786) 46	9-5278	Carol.Wilson@miamidade.gov
	DTPW Chief of Const	truction	German Arenes	(786) 46	9-5254	German.Arenes@miamidade.go
8	DTPW Safety Officer		Brenda Reyes-Osorno	(305) 37	5-4240	Brenda.Reyes-Osorno@miamidade.go
	DPTW Roadway Engi	ineer II	Barbara Mesa Valdes	(305) 37	5-3409	Barbara.MesaValdes@miamida
	DPTW Professional E	ingineer	Emad Rezvan Khah			Emad.RezvanKhah@miamida
	DPTW Off-System Ag	greements	Dionne Gutierrez			Dionne.Gutierrez@miamida
	Ped and Bike Facilitie	5	Yanek Fernandez	(305) 37	5-3016	Yanek@miamidade.gov
	Ped and Bike Facilitie	98	Roberto Moralejo			Roberto.Moralejo@miamidade.g
	Transit Planner		Rick Aguilar	(305) 46	8-5900	ricagui@miamidade.gov
8	Traffic Engineering M	lanager	Evelin Legcevic	(305) 67	9-0037	evelin.legcevic@miamidade.go
1 0	Chief of Traffic Signal	Is and Signs Div	Frank Aira	(305) 67	9-0002	frank.aira@miamidade.gov
0			Julio Navarro	(786) 52	7-5708	julio.navarro@miamidade.gov
	Public Schools		Erick Laventure	(305) 99	5-4575	ELaventure@dadeschools.net
	Traffic Engineer II		Jon Orue	(305) 37	5-2030	orue@miamidade.gov
Ter.	Professional Enginee	r	David "Gunnar" Wray	(305) 37	5-5273	david.wray@miamidade.gov
AVENTURA, CITY OF	City	Manager	Ronald J. Wasson	(305) 46	6-8910	rwasson@cityofaventura.com
19200 West Country Club Drive, Aventura, FL, 33180	Public W	orks Director	Joseph S. Kroll	(305) 46	6-8970	jkroll@cityofaventura.com
BAL HARBOUR VILLAGE	Village	e Manager	Jorge M. Gonzalez	(305) 86	6-4633	manager@balharbourfl.gov
655-96th Street Bal Harbour, FL, 33154	Publ	lic Works	John Oldenburg	(305) 99	3-7316	joldenburg@balharbourfl.gov
	Buildi	ng Official	Eliezer Palacio	(305) 86	5-7525	epalacio@balharbourfl.gov
QA/QC						mreyes@balharbourfl.gov
Name	Description					mlasday@bayharborislands-fl.ge
						darmstrong@bayharborislands-fl.
Constructability & Biddability Review of Quality		District 6 Construction Office Plan for Constructability / Biddability View			iew	villagemanager@biscayneparkfl.g
Projects (Exhibit 20) (2007-09).pdf		Review of Quality Projects. This is Exhibit 20 in the District 6 Quality Control Plan for Project Design.				chernandez@biscayneparkfl.go
and the second	and the second se					piglesias@coralgables.com
District 6 Design Support Office (Exhibit 10)	Organizational Chart for the District 6 Design Support Office. This is View					esantamaria@coralgables.com
(2010-07).pdf	Exhibit 10 in the Di	strict 6 Quality Cont		rcasals@cutlerbay-fl.gov		
District 6 Quality Control Plan for Project Design (2018-06).pdf	District 6 Quality Control Plan for Project Design. This handbook covers View the District 6 Quality Control and Quality Assurance Procedures for the Design Process.					aquintero@cutlerbay-fl.gov
Project Letting Process for D6 Electronic Packages (2010-01).pdf	District 6 Flow Charts for processing of electronic contract packages and revisions to contract packages.					
Project Manager Contact List 09-26-2022.pdf	Listing of external reviewers/local government agencies with which the View Department frequently has contact during the development of projects.					
Project Notification Letter to Non-Elected Public Officials (2017-02).docx	Notification letter sent to designated non-elected officials of local <u>View</u> agencies within the project limits.				iew.	
Quality Definitions (Exhibit 19) (1992-05).pdf	Memorandum containing definitions of various quality terms. This is Exhibit 19 in the District 6 Quality Control Plan for Project Design.					
Quality Standards Checklists for Roadway Desi (Exhibit 12) (2015-05) pdf		Checklists for Road		12 in ⊻	iew	

EXTERNAL STAKEHOLDERS LIST













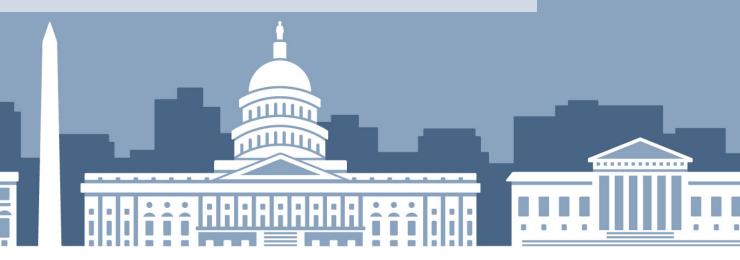
TYPICAL PROJECT AGREEMENTS WITH MUNICIPALITIES



GOVERNMENT DOCUMENTS



- DFA Department Funded Agreements
- LFA- Locally Funded Agreements
- MOU- Memorandum of Understanding
- MMOA- Maintenance Memorandum of Agreement
- Off-System Agreements





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GOVERNMENTAL AGREEMENTS

There are a few types:

- <u>Department Funded Agreements (DFA)</u>: The Department contributes funds to the local agency to complete a project and/or procure services/goods.
- <u>Locally Funded Agreements (LFA)</u>: The local agency contributes funds to the Department to complete a project and/or procure services/goods.
- <u>Memorandum of Understanding (MOU)</u>: is typically used to attain commitment from local Agencies related to future expectations of the parties involved. It does not require a resolution from the local agency. Should be signed by the parties, or the commitment can be received via email / letter prior to completing the conceptual phase.
- <u>Maintenance Memorandum of Agreements (MMOA)</u>: This is done when the Department is installing features inside the Department's RW that will be maintained by another Agency at their cost. It requires a resolution from the local agencies.
- <u>Off System Agreements</u>: These are done when the Department is proposing improvements outside of the FDOT ROW and they will be maintained by others after construction.





GOVERNMENTAL AGREEMENTS - TIMELINE

Due to the lengthy process of review at the District, local and headquarter level, Governmental Agreements can take from 4 – 6 months to execute. All drafted Agreements are reviewed by the Project Manager in charge of the contract and the Legal team to ensure that all statutes, laws, and procedures are being followed.

LFAs have an additional review by Central Office Headquarters as the funds transferred to the Department are received by the Office of the Comptroller. All agreements with a maintenance component must be reviewed by the District Maintenance Egineer prior to sending to local agencies.







Nilia Cartaya District Modal Development Administrator

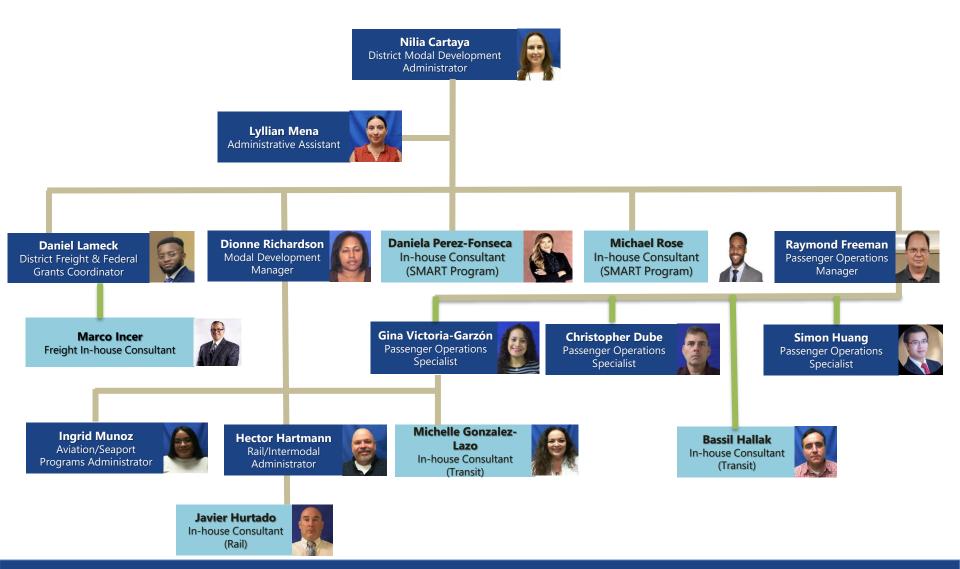


- Responsible for developing and managing grant programs and projects in support of the District's comprehensive multimodal transportation system for:
 - Transit
 - o SMART Program
 - o Rail
 - \circ Aviation
 - Seaport
 - Freight
 - Federal Grants Coordination



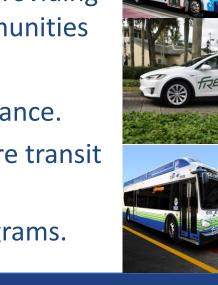
• Activities includes programs administration, system safety oversight, plan implementation, project prioritization and support for the transportation partners in Miami-Dade and Monroe Counties.





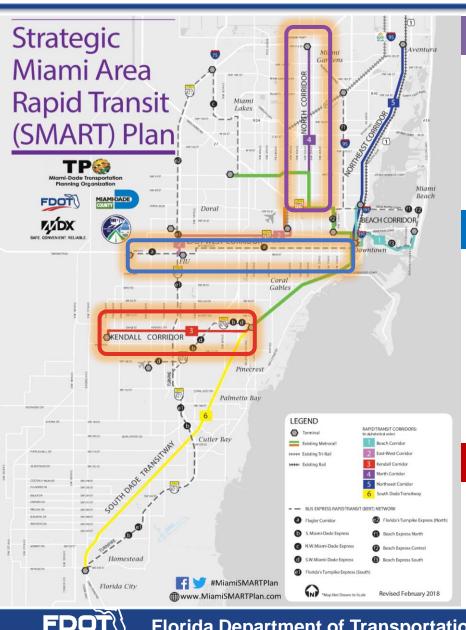
TRANSIT

- Execute Public Transportation Grant Agreements (PTGA's) to provide funding opportunities through a variety of programs (Approximately \$48M will be awarded in FY24):
 - Service Development -New/Innovative transit services
 - Transit Corridor Congestion Relief on overcapacity corridors
 - **Park-and-Ride Lot -** Improvements to transit facilities
 - Federal 5310 program Non-Profit Agencies providing transportation services to disadvantages communities
 - State Block Grant Transit Operating Funds
- Perform safety oversight to ensure agency compliance.
- Meet with transportation partners to discuss future transit planning and funding needs.
- Manage the South Florida Commuter Service Programs.



GRANI

SMART PROGRAM FDOT PD&E STUDIES



NW 27th Avenue

- Elevated Heavy Rail (HRT) identified as the Locally Preferred Alternative (LPA)
- FDOT/DTPW Joint Value • **Engineering Study Underway**
- FDOT to restart PD&E study early 2024



Transit (HRT)

Flagler Street

- Curbside Business Access and Transit (BAT) lanes • identified as the recommended alternative.
- FDOT will evaluate the implementation of ٠ curbside Business Access Transit (BAT) lanes throughout the corridor.
- FDOT to restart PD&E study early 2024 ٠
- Flagler Demonstration Project Mid 2025

Kendall Drive

- Curbside Bus Rapid Transit (BRT) lanes identified as the recommended alternative.
- Project is currently on hold



Bus Rapid Transit (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
 - NE 203rd Street
 - Palmetto (SR 826) South



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 \$20 M per year for local airport improvement projects, such as:
 - o Runways, taxiway and apron improvement
 - Terminal upgrades
 - Baggage handling systems
 - Security improvements



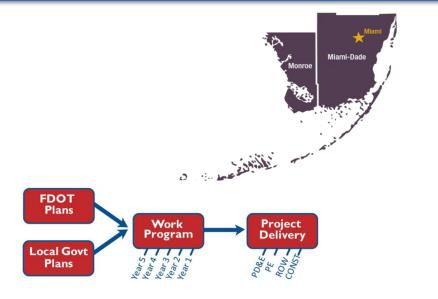
SEAPORT

- 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.
- In FY 24, the Department will award approximately \$4.1 M for seaport capital improvement projects, such as:
 - Cruise terminal improvements
 - Wharf and seawall improvements
 - Container Yard improvements
 - Security improvements



FREIGHT

- Serves as the primary contact for freight interest In FDOT District 6 (Miami and Monroe County)
- Assist in facilitating public-private, state-local, and state federal freight transportation investment decisions.
- Conduct sub-area Freight planning efforts to develop tangible freight mobility solutions at the project level.
- Develop and implement strategies to improve freight mobility, freight infrastructure, and related operations as part of an integrated multimodal system and logistics operation.





Federal Grants Coordination

- The **Bipartisan Infrastructure Law (BIL)** includes a fiveyear reauthorization of the federal surface transportation act, most recently the FAST Act. It provides \$973 billion in funding over five years from FFY 2022 through FFY 2026, including **\$550 billion for new investments for all modes of transportation, water, power and energy, environmental remediation, public lands, broadband, and resiliency.**
- Federal transportation grants typically consist of:
- Planning grants and Construction grants
- FDOT encourages partners to apply for planning grants and capital grants.
- FDOT generally will only apply for capital grants
- A critical component of a successful grant application is community support.
- The Modal Development Office reviews local agency requests and issues Letters of Consistency for a variety of projects

BIL Investments







Letters of Consistency

- Issued by FDOT for local projects
- Projects consistent with Work Program or Florida Transportation Plan
- Coordinate through local District
- Reach out early in application development process



LANDSCAPING

Monica Rodriguez District Landscape Manager

FDOT APPROACH TO LANDSCAPING

Article II, section 7(a), Florida Constitution

"It shall be the policy of the state to conserve and **protect its natural resources and scenic beauty**."





Section 334.044 (26) Florida Statutes

The department shall have the powers and duties to...conserve the natural roadside growth and scenery; and to provide for the implementation and maintenance of roadside conservation, enhancement, and stabilization programs. No less than 1.5 percent of the amount contracted for construction projects shall be allocated by the department for the purchase of plant materials...."



Landscape Policy Topic # 000-650-11-d

"It is the policy of the Florida Department of Transportation **to conserve, protect, and enhance Florida's natural resources and scenic beauty** when planning, constructing, and maintaining the State Transportation System.



FDOT APPROACH TO LANDSCAPING

Rule Chapter 14-40, F.A.C Landscape Beautification and Conservation and Landscape Management.

- Rule number 14-40.003 has complete instructions for designing and implementing <u>landscape projects.</u>
- ✓ Rule number 14-40.020 describes the **<u>Beautification Grant Program</u>**.
- Rule number 14-40.023 describes funding, construction and maintenance of Beautification Projects.

Rule Chapter 14-10, F.A.C Outdoor Advertising Signs Regulations and Highway Beautification Program.

 Rule number 14-10.057 Vegetation Management Application and Permit Issuance.

Identifying the correct landscape mechanism: **Standalone** (Primary), **Roadway** (Relocations), **Push-button**, **Beautification Grants**



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



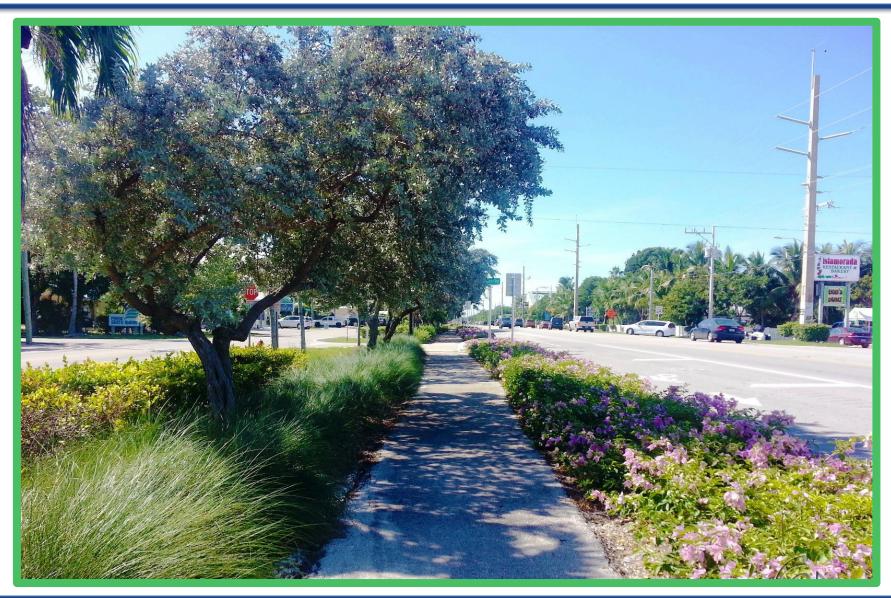
LANDSCAPING PROJECTS (Without MMOA)





<u>This Photo</u> by Unknown Author is licensed 65 under <u>CC BY-NC-ND</u>

LANDSCAPING PROJECTS (With MMOA)







DISTRICT SIX CONSTRUCTION

Mario Cabrera, P.E. District Construction Engineer

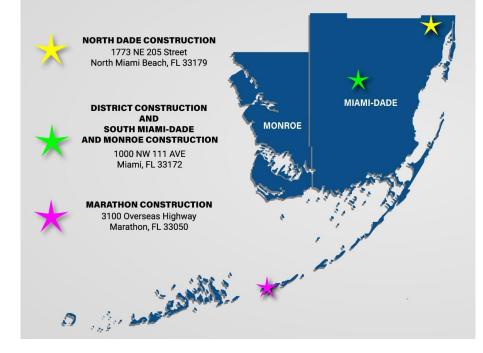
CONSTRUCTION TEAM



Mario Cabrera, PE District Construction Engineer

FDC

DISTRICT SIX CONSTRUCTION OFFICES





Andres Berisiartu, PE Assistant District Construction Engineer



CONSTRUCTION RESIDENCY TEAM

SOUTH MIAMI-DADE AND MONROE

Dru Badri, PE Resident Engineer



NORTH MIAMI-DADE

Ivan Hay, PE Resident Engineer



Assistant Resident Engineers



Jonathan Fundora, PE

FDO



George Hoffman, PE



CONSTRUCTION PROJECTS IN DISTRICT SIX



Miami-Dade - 76 Monroe - 16 Districtwide - 1



Total - \$1,250,470,000

Miami-Dade - \$1,177,137,300 Monroe - \$ 72,647,000 Districtwide - \$ 685,700

ACTIVE CONSTRUCTION PROJECTS

SR A1A/S Roosevelt Key West

SR 826/Palmetto Expressway Capacity Project







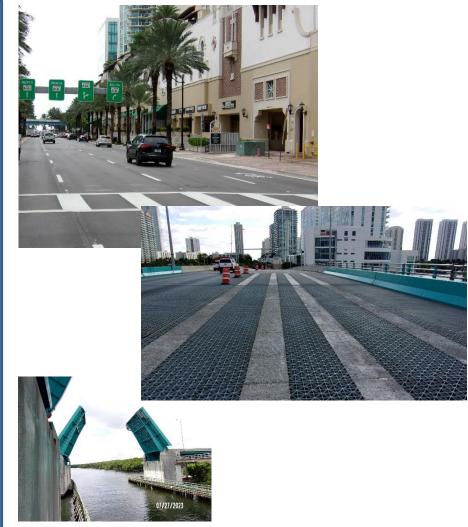


ACTIVE CONSTRUCTION PROJECTS

NE 203 Street/Ives Dairy Road



SR 826/Sunny Isles Blvd





ACTIVE CONSTRUCTION PROJECTS

SR 25/Okeechobee Road Reconstruction





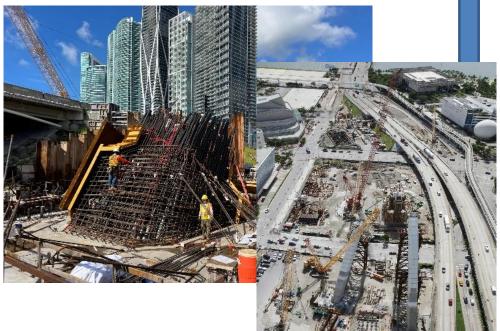




SPECIAL PROJECTS



Jacqueline Sequeira, PE I-395/SR 836/I-95 Design Build Project





Enmanuel "Manny" Espinal, MSEM, PE Golden Glades Interchange Reconstruction





CONSTRUCTION OFFICE



Lazaro Mesa Construction Services Manager Audits active LAP Construction projects at 25%, 50%, & 100% construction

Recommends the release of funds to the D6 LAP Administrator

Final audit of completed projects to review all construction documentation



Juan Navarro Quality Assurance (Signal/Lighting/Asphalt)

Quality Assurance & Constructability Reviews

Warranty Program (Asphalt, Signals, Lighting, Etc.)



Kathy McLendon Public Information Manages Communication Services Contracts for active construction projects

Project Notifications, Special Event Coordination, Community Outreach Events



Successful Construction Projects within Municipalities

Attend Preconstruction and Public Meetings

Project Briefings and Coordination

Construction PIO Project Updates via E-blast

Open Communication During Life of Project

Project Information Website:

Southflroads.com





Omar Meitin, P.E. Traffic Operations Engineer



MISSION

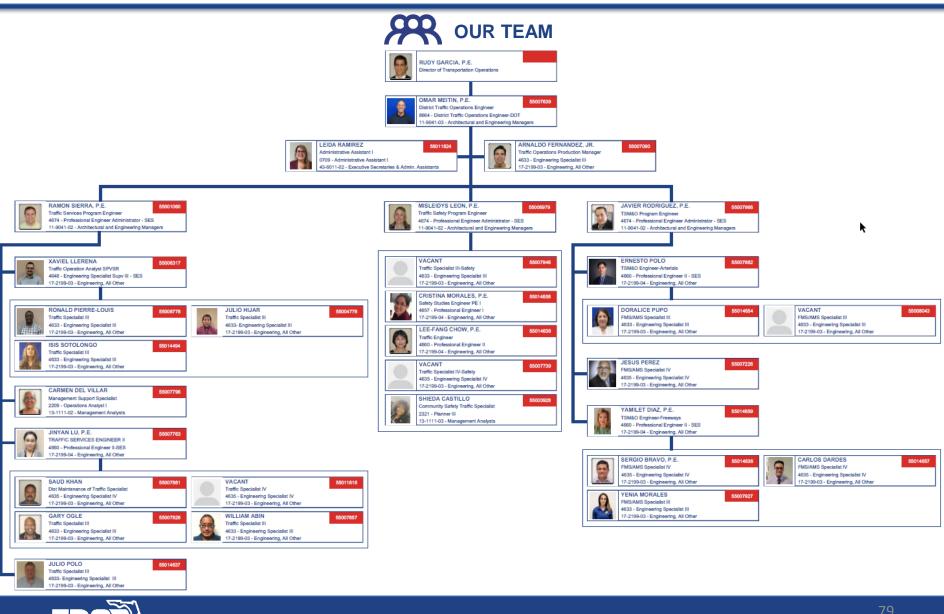
To ensure safety and mobility for all users of the District's transportation system.



VISION

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

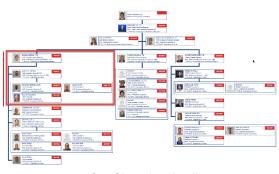




🗘 Florida Department of Transportation

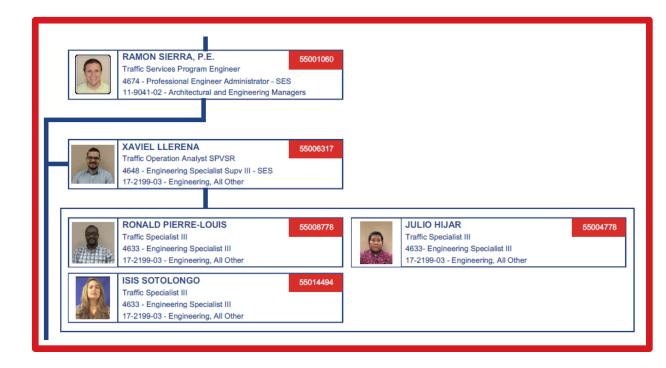
TRAFFIC STUDIES

The Traffic Studies Team conducts traffic studies and recommends improvements.



Org Chart thumbnail

FDC



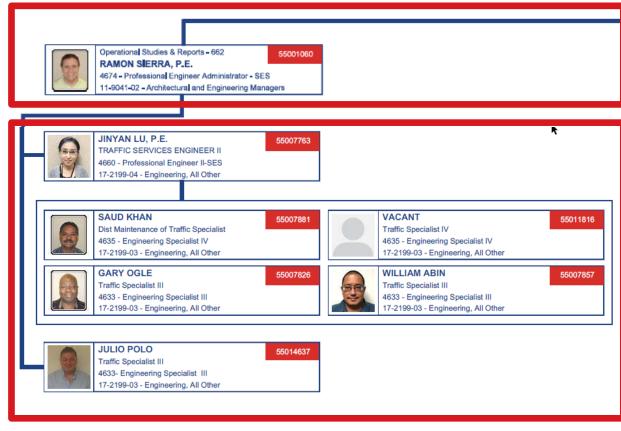
PRODUCTION & SURVEILLANCE

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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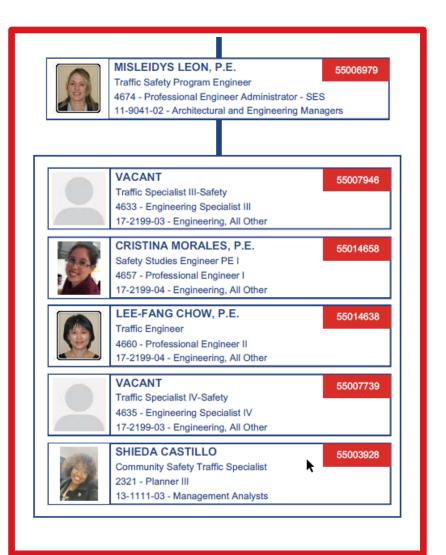
SAFETY

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)



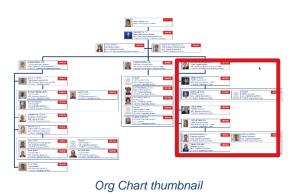
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TRANSPORTATION SYSTEMS MANAGEMENT & OPERATIONS

ARTERIALS & FREEWAYS Transportation Systems & Operations

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







MAINTENANCE

Renato Marrero District Maintenance Engineer

.....utilizing policies, procedures, criteria, and standards to preserve and extend the lives of our bridges and roadways, and provide safety to the Public....



MAINTENANCE





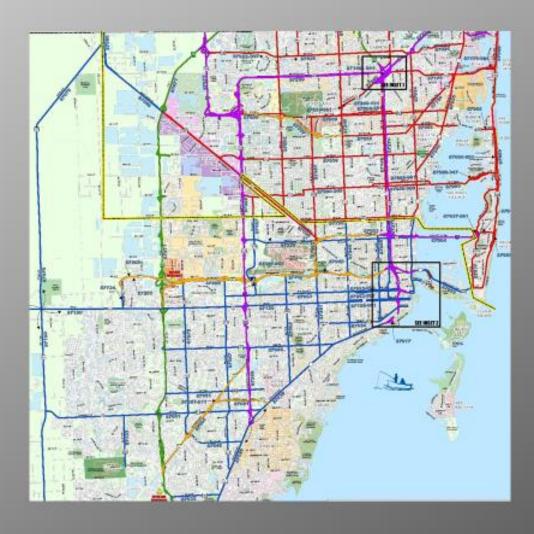
Maintenance Yards

North Dade Maintenance

All the State Roads and Right of Way north of, and including NW 54th Street, within Miami-Dade County. This also includes all of Miami Beach.

South Dade Maintenance

All the State Roads and Right of Way south of NW 54th Street within Miami-Dade County. This also includes the portion of Okeechobee from NW 54th Street to the Palmetto. Excludes the 18-mile stretch of US-1 heading to the Florida Keys.





MAINTENANCE



Florida Department of Transportation

SOUTH DADE MAINTENANCE



Keith Jimmerson

Maintenance Engineer



Skip Bechtold Ops Manager



Pierre Kfoury Office Manager



Andrew Sanchez Area Manager



Eddie Taylor Area Manager



Zaza Oner Area Manager



NORTH DADE MAINTENANCE





TWO MAIN TOPICS OF COORDINATION:

- PERMITS (INDIVIDUAL PRESENTATION)
 - MAINTENANCE MEMORANDUM OF AGREEMENT (MMOA)



MAINTENANCE

- Needed when non-standard improvements are proposed inside FDOT's ROW
- Most at the request of a local agency, thru FDOT design plans, permits or grants
- **MMOAs essentially says** "FDOT will allow the work to be done inside FDOT ROW and the local agency will maintain."

Most common non-standard improvements include:

- Landscaping and related work
- Decorative sidewalks
- Pavers or other special sidewalk features
- Patterned crosswalks
- Decorative lighting

- Some requests can trigger a Local Funded Agreement
- MMOAs are between FDOT and other Public Agencies
 - Why because citizens and special groups are transient
 - MMOAs require board approval and associated resolution
- When is this document needed?
 - Should be executed near the 90% submittal
 - Work should be identified ASAP, typically after 60% plans
 - o Before a permit or grant are approved

MAINTENANCE

- It will take 1-3 months for review and execution
- MMOAs are reviewed by FDOT PM, Maintenance, and Legal
- What it looks like:
 - o Typically 13 pages
 - One page for signatures
 - o Resolution

FLORIDA DEPARTMENT OF TRANSPORTATION LANDSCAPE AND BONDED AGGREGATE SURFACES MAINTENANCE MEMORANDUM OF AGREEMENT CITY OF MIAMI BEACH This AGREEMENT, entered into on This AGREEMENT, entered into on _______ 20 , by and between the STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION, and between the STATE OF FLORIDA DEPARTMENT OF TRANSFORMATION, dn agency of the State of Florida, hereinafter called the DEPARTMENT, dr and the off off the State of Florida, hereinafter called the DEPARTMENT, dr agency of the State of Florida, hereinarter called the DEPARTMENT, and the CITY OF MIAMI BEACH, a municipal Corporation of the State and the Ciry or MIAMI BEACH, a municipal corporation of the State of Florida, hereinafter called the CITY, and collectively referred A. The DEPARTMENT has jurisdiction over State Road (SR) 907 (Alton Road) from 6th Street to 7th Street, which is located within the limits of the CITY; and B. The CITY, pursuant to Permit Number 2017 L 691 03, has drafted Ine UIT, pursuant to Permit Number 2017 L ogi UJ, has draited design plans for beautification improvements along SR-907 the lister of which the described in the cessin plans for Deautification improvements along SK-907 (Alton Road), the limits of which are described in the (Alton Road), the limits of which are described in the attached Exhibit 'A' (the **PROJECT LIMITS**), which by reference this **AGREPHNENT**: and C. The CITY will install landscape and bonded aggregate surfaces The CITY will install landscape and bonded aggregate surfaces along SR-907 within the **PROJECT LIMITS**, in accordance with along ak-yu/ within the PROMET LIMITS, in accordance with the design plans for Permit Number \$ 2017 L 691 03 (the D. The PARTIES to this AGREEMENT mutually recognize the need ine **FARTING** to this **AURGEMENT** mutually recognize the need for entering into an agreement designating and setting forth for entering into an agreement designating and setting forth the responsibilities of each party with regards to the the responsibilities of each party with regards to the maintenance of the landscape and bonded aggregate surfaces E. The CITY, by Resolution No. The CITY, by Resolution No. attached hareto as Exhibit 'B', which by reference shall become a part of this AGREMENT, desires to enter into this AGREMENT and Authorizes its officers to do so. Now, THEREFORE, for and in consideration of the mutual NOW, INEXERVENCE, for and in consideration of the mutual benefits contained herein and other good and valuable benefits contained herein and other good and v consideration, the **PARTIES** covenant and agree as follows: Maintenance Memorandum of Agreement between Florida Department of Transportation and City of Mianu Basch Page 1 of 13



PERMITS District Permits Office



Elizabeth Jett, P.E. District Permit Engineer

DISTRICT OFFICE PERMITS TEAM



SANDRA PARELLADA Secretary

- Schedules pre-application meetings
- Banner Permits
- Document management



ALEJANDRA FRANJUL Permit Coordinator

- Filming, Special Events
- Utility Permits



CARLOS GOZALEZ Permit Coordinator

• Utility Permits



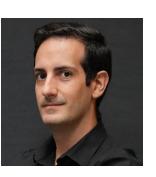
ALEJANDRO PEREZ Permit Coordinator

• Utility Permits



Saurabh Raka, PE Senior Permit Coordinator North Miami-Dade

- Access Permits
- Construction Agreements
- General Use Permits
- Drainage Permits



Efthymios Ntampos, El Senior Permit Coordinator South Miami-Dade

- Access Permits
- Construction Agreements
- General Use Permits
- Landscape Permits

PERMITS

• When are permits required?

When activities take place within the Department's Right of Way.

Florida Administrative Code (F.A.C.) Rules govern permit requirements.

Typical Permit Types:

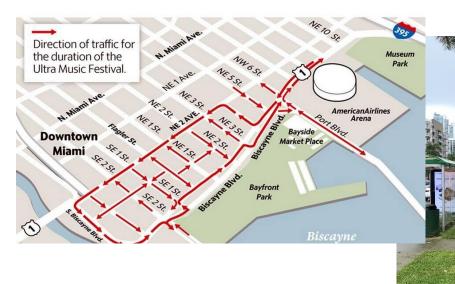
- <u>Utility Permits</u>
 - New installations and improvements
 - Emergency Repairs ATF permits
 - Follow Utility Accommodation Manual (UAM)



- <u>Access/Connection Permits</u> Driveways/Median Openings
- <u>Construction Agreements</u>
 - Roadway improvements (Turn Lanes, Signals, Lighting, Drainage)
- Landscaping Permits includes Hardscaping, require MMOA's

PERMITS

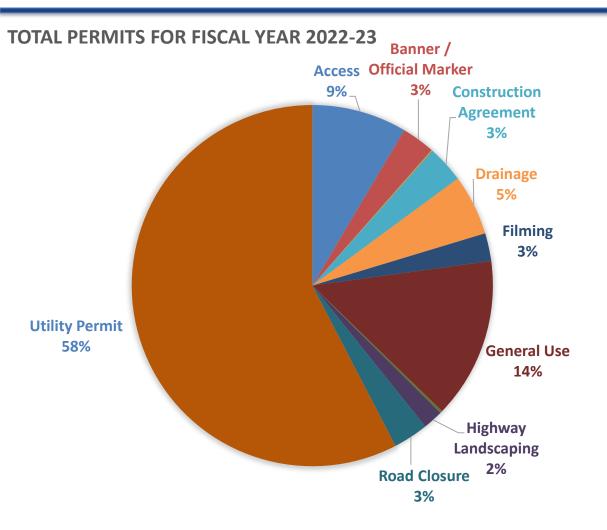
- o <u>Road Closure Permits</u> Filming, banners, or special events
- o <u>General Use Permits</u> (Temporary work)
 - Placement of Traffic Control Devices (MOT)
 - o Crane Placement
 - o Demolition
 - Overhead protection for sidewalks





HOME MADE BETTER

PERMITS NUMBERS



Permit Type	Count of Permit Number	
Access	157	
Banner / Official Marker	55	
Building Moving	2	
CAF Agreement	1	
Construction Agreement	60	
Drainage	100	
Filming	46	
General Use	266	
Guide Sign	4	
Highway Landscaping	33	
Road Closure	58	
Utility Permit	1063	
Grand Total	1845	

PERMITTING PROCESS

Pre-application meeting highly recommended. Get FDOT involved early in the process.



Pre-application meeting

Applicant provided guidance on all permits required. Applicant provided guidance on submitting permits.



Permit application submitted via One Stop Permitting (OSP) Permit documents routed to reviewers. Comments provided to applicant via OSP. A comment resolution meeting is held, if needed.



Permit recommended for approval.

After all comments addressed.

30 days processing time, per FAC.



PERMITTING PROCESS – Larger Projects

- Permit plans 100% complete for permit submittal. **However**,
- For larger roadway and utility projects, or special projects, we work with the Design Office for ERC review. (30, 60, 90%)
- Pedestrian Bridges Anything over the FDOT Roadway must be <u>designed and built</u> according to FDOT Standards. (even if the foundations are outside the FDOT R/W.)





PERMITTING PROCESS

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: <u>https://osp.fdot.gov/</u>
- Who will you work with?
 - Depending on type of permit and location, you will work with one of five permit coordinators
 - Who do you contact?
 - FDOT District Six Permit Office: 305-470-5367



One Stop Permitting

PERMITTING PROCESS One Stop Permitting (OSP)

	Department of	https://osp.fdot.gov E-Updates FL511 Site Map Trans Search FDOT
One Stop Permitting		Access/Driveway Permits
	stricts Permit Office Lo da Department of Transpo T), the Florida Administrat for permit staff can be four g information on permits t at OSP works best in the of Information Hours of Av hit?	<section-header> Every ever</section-header>
Utility Vegetation Management	ociated with the Florida S	ATTENTION! PRE-APPLICATION MEETING RECOMMENDED! When applying for an Access (driveway connection) permit, it is highly recommended that you schedule a pre-application meeting with Department staff. Our experience has shown meeting with the applicant prior to permit submittal sets a clear understanding of the proposed project and conveys the documentation the Department will require to conduct a review. Note: All pre-application meetings are non-binding. Adobe Acrobat Reader is required to view .PDF files, click here to download.



PERMITTING PROCESS

- How long does the process take?
 Op to 30 days (processing on FDOT side)
- What other services does the Permit Office provide?
 - Pre-application meetings with our clients to discuss future projects
 - Provide permit application guidance and checklists
 - Coordinate with other Department Offices: Design, R/W (Easements), Traffic Operations, and Planning.
 - Provide assistance with the One-Stop Permitting system



PERMITS FIELD INSPECTION TEAM



North Miami-Dade

RICARDO HERNANDEZ Permit Manager



Inkey Aromashodu



Cornelius Williams



*Eberle Philippe



Leonardo Esperon



Julio Fernandez



*Albert Estevez





ERNESTO RODRIGUEZ Permit Manager



George DeLaNoval, Assist. Permit Manager



Yaniel Ruiz



*Juan Velasquez



Curtis Dewberry



*Jonathan Somonte



*Luis Abad



*Michael Battle *In-house consultants



PERMITS

• Our permit inspection team:

- Makes sure any activity/work in the FDOT R/W is covered by an FDOT permit.
- Oversee permit work.

Local Agency responsibility:

- Use FDOT Pre-Qualified Contractors
- In-house <u>Qualified</u> staff or CEI Consultants
 - Earthwork (Densities)
 - Asphalt
 - Concrete
 - Drilled Shafts

Materials Testing is required

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





Local Programs

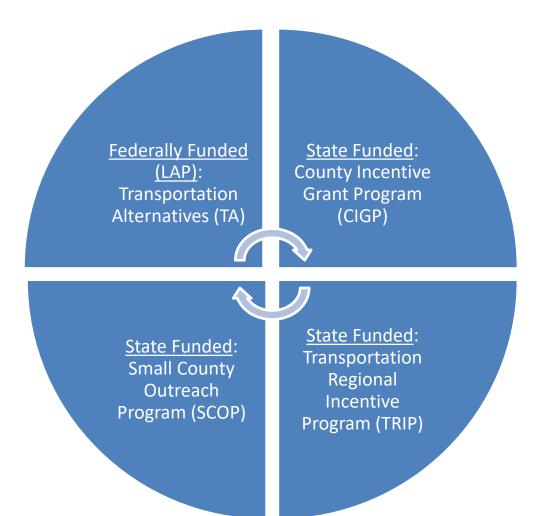
Jessica Beck-Galindo Local Program Administrator

LOCAL PROGRAMS TEAM





LOCAL PROGRAMS GRANTS



LOCAL AGENCY PROGRAM (LAP)

- LAP is a <u>federal program</u>
 - Projects that use Federal-aid Highway Program funds typically follow a series of five fundamental phases of development: Planning, Environmental, Design, Right-of-Way, and Construction/CEI.
- Local Agencies must become <u>LAP-Certified</u> to complete federally-funded projects



City of Miami Beach – Beachwalk II



Monroe County – Marvin Adams Pedestrian Bridge



LOCAL AGENCY CERTIFICATION

For a local agency to participate in the Local Agency Program they must become 'Certified'. Local agencies are required to perform a series of assessments to ensure financial and staffing capability, as well as ability to comply with Federal and state regulations.

District LP Administrator considers the following:

- <u>Full Certification</u>: valid for a 3-year period
- Project Specific Certification

More information on LAP Certification: Local Programs Manual Chapter 7



LOCAL AGENCY PROGRAM (LAP)

Types of Projects Eligible for LAP

- Safety projects
- Resurfacing projects
- Bicycle and pedestrian facilities
- Traffic calming projects
- Bridges and tunnels
- Infrastructure-based Intelligent Transportation System projects

LOCAL AGENCY PROGRAM (LAP)

Benefits of the Local Agency Program (LAP)

- Increased availability of funds for local agencies to perform transportation projects
- Federal-aid is also available for use on local roads that are not part of the State Highway system.
- Local Agencies retain control of day-to-day project management

STATE FUNDED PROGRAMS

Transportation Regional Incentive Program (TRIP)

Funding Authority: State 339.2819 F.S.

Maximum Amount: FDOT funds 50% of the project cost. Match waivers available.

General Scope: The TRIP provides funding to improve regionally significant transportation facilities in "regional transportation areas". Agencies may partner via an interlocal agreement to plan, prioritize and deliver regionally significant projects in the boundaries of their regional transportation area.

How to Apply: The regional entity (Metropolitan Planning Organization (MPO), Regional Planning Council (RPC), etc.) submits a priority list of projects to be funded through TRIP to the FDOT district.

County Incentive Grant Program (CIGP)

Funding Authority: Section 339.2817 F.S.

Maximum Amount: FDOT funds up to 50% of the project cost. Match waivers available.

General Scope: Under the CIGP, grants are provided to counties to fund improvements to transportation facilities, including transit, which are located on the State Highway System, or which relieve traffic congestion on the State Highway System.

How to Apply: Counties (and municipal partners) submit a separate letter of application for each eligible project. Applications should be submitted to the District Office for the county in which the project is located. More information may be obtained from the FDOT District Local Programs Administrator.

Small County Outreach Program (SCOP)

Funding Authority: Section 339.2818 F.S.

Maximum Amounts: FDOT funds up to 75% of the project cost. Match waivers available. FDOT funds 100% of the project cost of SCOP Municipalities projects.

General Scope: The SCOP assists small county governments in repairing or rehabilitating county bridges, paving unpaved roads, addressing roadrelated drainage improvements, resurfacing or reconstructing county roads, or constructing capacity or safety improvements on county roads. Funds are available to counties that have a population of 200,000 or less. SCOP Municipalities is a special appropriation for designated Rural Areas of Opportunity municipalities and communities.

How to Apply: Counties will be contacted by their District office and asked to submit candidate projects. More information may be obtained from the FDOT District Local Programs Administrator.

More information and additional state funded resources: Local Programs Manual Chapter 2



LOCAL PROGRAMS





LOCAL PROGRAMS

For more information, please visit

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

<u>OR</u>

Contact Jessica Beck-Galindo Jessica.Beck@dot.state.fl.us 305-640-7525



QUESTIONS & ANSWERS

- Please submit your comments in the question box or hit the "raise your hand" button to ask a question
- After addressing comments in the question box, we will open the microphones
- Staff will answer questions in the order they are received and as time permits
- If we are unable to answer your question, an FDOT representative will provide a written response after the workshop





Thank you!

Today's presentation will be available at: www.fdotmiamidade.com/fdot-days

Please take our exit survey!