

FLORIDA DEPARTMENT
OF TRANSPORTATION

AVIATION OFFICE 411

A REFERENCE GUIDE TO KEY
PUBLICATIONS & TRAININGS

**FDOT
CENTRAL OFFICE**

605 Suwannee Street
Tallahassee, Florida
32399-0450



FEBRUARY 2022



FOR THE MOST CURRENT EDITION, VISIT: [FDOT.GOV/AVIATION](https://www.fl.gov/aviation)

ABOUT THIS RESOURCE

Florida is fortunate to be served by one of the most comprehensive and progressive airport systems in the country. The Aviation Office develops the Florida Aviation System Plan, promotes the development and improvement of Florida's airports, regulates airports, and protects airport approaches. Major activities include aviation system development, aviation grant program, airport inspection and regulation, intergovernmental coordination, aviation outreach and aviation emergency operations management.

Because the resources produced by the FDOT Central Aviation Office are numerous and thorough, this guide is intended to be a single catalog of the key publications and trainings available for use by Florida's aviation industry rather than an exhaustive list. Included are links, QR codes, descriptions, and summaries for these key publications and trainings produced by the Aviation Office.

RESOURCES GUIDING THE BRIGHT FUTURE OF FLORIDA AVIATION

PRODUCED BY
FDOT CENTRAL
AVIATION
OFFICE

USING THIS GUIDE

This resource guide provides introductory information about a variety of FDOT aviation related resources in one place with links to access online content with ease on any device.

Included throughout this resource are a number of QR codes designed to provide quick access to additional information via a smartphone. Simply open either your camera or QR code reader application and follow the link when prompted.

Download a current edition of this guide for regular access to these publications and trainings, or utilize the QR codes to browse them on the fly. On the back pages you'll find a contact list of Aviation Office officials available for questions not addressed in this publication.

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Photo Courtesy: Pensacola International Airport

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AVIATION SYSTEM & AIRPORT PLANNING

Florida's 130 public-use airports are a cornerstone of the state's global economy and essential to the safety, resiliency, mobility, and security of residents, visitors, businesses, and the products that fly to, from, and through our state. To ensure Florida's airports continue to provide a high level of service to all users, the FDOT engages in both statewide system planning and individual airport planning processes. Learn more at: fdot.gov/aviation/flpub.shtm/planning



FASP 2035

The **Florida Aviation System Plan (FASP) 2035** is a tool the FDOT uses to maintain a safe, efficient, and reliable system, evaluate future funding decisions by identifying the facilities and services that are needed to meet future demand, and effectively expand capacity in those areas where it is most needed and beneficial. The next planned update is scheduled to be completed in 2023. Learn more at: fdot.gov/aviation/FASP2035



Access the FASP Executive Summary here.



FLORIDA STATEWIDE ECONOMIC IMPACT STUDY

Florida's airports are vital to daily life and trade because airports connect people and businesses, whether for personal travel, air cargo, or business activity. The state's aviation system keeps Florida connected to the global marketplace, while simultaneously driving our local economies. Learn more at: fdot.gov/aviation/economicimpact.shtm



Access the Economic Impact Study Executive Summary here.



GUIDEBOOK FOR AIRPORT MASTER PLANNING

The Aviation Office developed a guidebook for use by airport sponsors, airport operators, and consultants at general aviation and commercial service airports throughout the state to assist in

developing effective and attainable master plans. These plans are comprehensive analyses that illustrate an airport's development activities to meet the future aviation demand requirements in a safe and cost-effective manner. Learn more at: fdot.gov/aviation/planning.shtm



Access the full Guidebook here.

STATEWIDE AIRPORT ENGINEERING



The FDOT manages two important programs to support the safety and efficiency of Florida's airport system infrastructure. These programs are the **Statewide Airfield Pavement Management Program** and the **Statewide Airport Stormwater Management Program**. Learn more at: fdot.gov/aviation/flpub.shtm/statewide-airport-engineering



STATEWIDE AIRFIELD PAVEMENT MANAGEMENT PROGRAM

To support the timely and proper maintenance and rehabilitation of airfield pavement, the FDOT has implemented the FDOT **Statewide Airfield Pavement Management Program (SAPMP)**. The SAPMP enables the FDOT and the FAA to monitor the condition of the pavement infrastructure at airports in the Florida airport system, providing objective condition information needed to make informed decisions regarding capital investments.

The SAPMP operates on a 3-year cycle and the next update will be available in 2023. fdot.gov/aviation/pavement.shtm



Access
Vol. 1
Here



Access
Vol. 2
Here

STATEWIDE AIRPORT STORMWATER MANAGEMENT PROGRAM

The FDOT supports a longstanding initiative to standardize the manner in which airports address stormwater and its effect on airport infrastructure. This initiative is known as the FDOT **Statewide Airport Stormwater Management Program (SASMP)**. The objective of the SASMP is to improve airport safety by reducing wildlife attractants, while still meeting all state and federal water quality and quantity management requirements. The SASMP includes a multi-year study of airport stormwater quality, quantity and compatible Best Management Practices (BMP). This study led to the adoption of Rule 62-330 FAC in 2013. The rule includes a general permit for airport airside development in Section 62-330.449. Learn more at: fdot.gov/aviation/stormwater.shtm



Access the Airport
Stormwater BMP
Manual Here

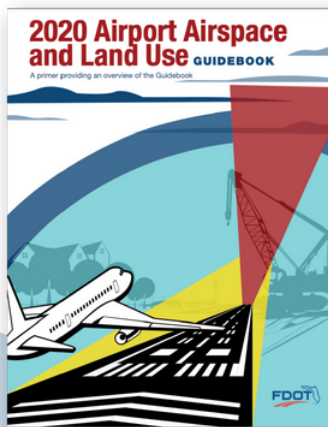


Access the Airport
Stormwater Study
Brochure Here

AIRSPACE PROTECTION AND ZONING

The FDOT Aviation Office supports airport and airspace protection and zoning operations and procedures through assistance to zoning authorities in the adoption, administration and enforcement of airport protection and airport compatible land use zoning regulations. This is to insure the safe and efficient use of navigable airspace, and the operation of existing or planned air navigation and communication facilities. Learn more at: fdot.gov/aviation/compland.shtm

AIRPORT AIRSPACE AND LAND USE GUIDEBOOK

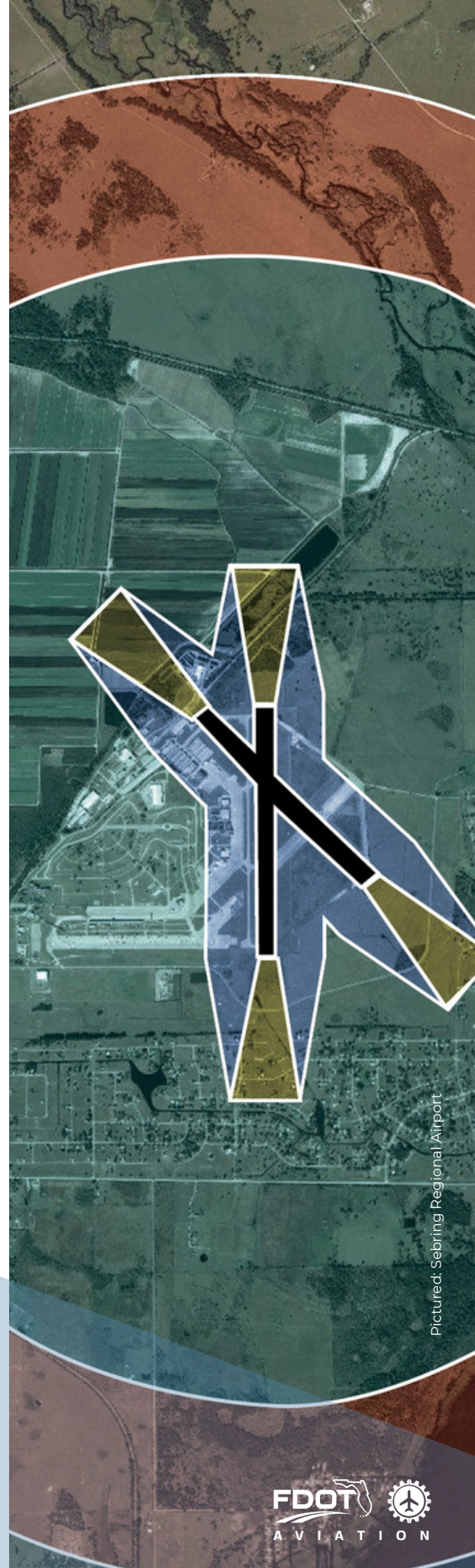


Access the
Primer here



Access the full
Guidebook here

This guidebook provides local government planners with the information necessary to adopt airport zoning regulations compliant with state law and federal regulations designed to protect people on the ground and in the air. It addresses the importance of protecting airspace and the land surrounding civil and military airports; the roles for federal, state, and local government in providing a safe aviation environment; characteristics of incompatible development; and how to draft regulations. Learn more at: fdot.gov/aviation/flpub.shtm/airspace-protection-and-zoning



Pictured: Sebring Regional Airport

AVIATION GRANT PROGRAM



The FDOT Aviation Office maintains a grant program to assist in providing a safe, cost-effective, and efficient statewide aviation system. FDOT grant funds help airports build and maintain runways and taxiways, eliminate airport hazards, protect airspace, develop plans, acquire land, and develop terminals and other facilities. The **Florida Aviation Project Handbook** was developed for FDOT aviation officials and Florida airport personnel to better understand funding options and resources available at the state level. The Handbook was also designed to further the aviation mission of Florida's public-use airports as it relates to funding aviation projects in Florida. Learn more at: fdot.gov/aviation/flpub.shtm/aviation-grant-program



Access the
handbook
here

EMERGENCY RESPONSE



The FDOT, in cooperation with Florida airports, developed this **Aviation Emergency Response Guidebook** to serve as a resource for both emergency response staff at Florida's public-use airports and non-airport emergency responders. It is a tool for airport directors and staff to use when developing, evaluating or exercising an Airport Emergency Plan, and to inform emergency responders not experienced with airport operations of proper procedures. Learn more at: fdot.gov/aviation/flpub.shtm/emergency-response



Access the
guidebook
here



FLORIDA AIRPORT DIRECTORY



Florida's airports are a vital gateway to our state's economic development. Today, the FDOT Aviation Office regulates nearly 750 public and private airports in Florida and has developed this resource using airport data from annual public airport inspection and licensing records, private airport registration, and data provided by airport owners and managers. Learn more at: fdot.gov/aviation/flpub.shtm/electronic-copies



Access the full
Directory here

LICENSING, REGISTRATION & INSPECTION

Pursuant to Section 330.30, FS, establishing a new airport requires site approval from the FDOT. This statute outlines the site approval requirements, effective period, and revocation of licenses (public use) and registrations (private use). For public use facilities with current licenses, the Aviation Office will coordinate with the sponsor to conduct an annual licensing inspection. Learn more at:

fdot.gov/aviation/establishingnewairportheliportorseaplanebase



Access the
licensing
webpage here



PRIVATE USE AIRPORTS

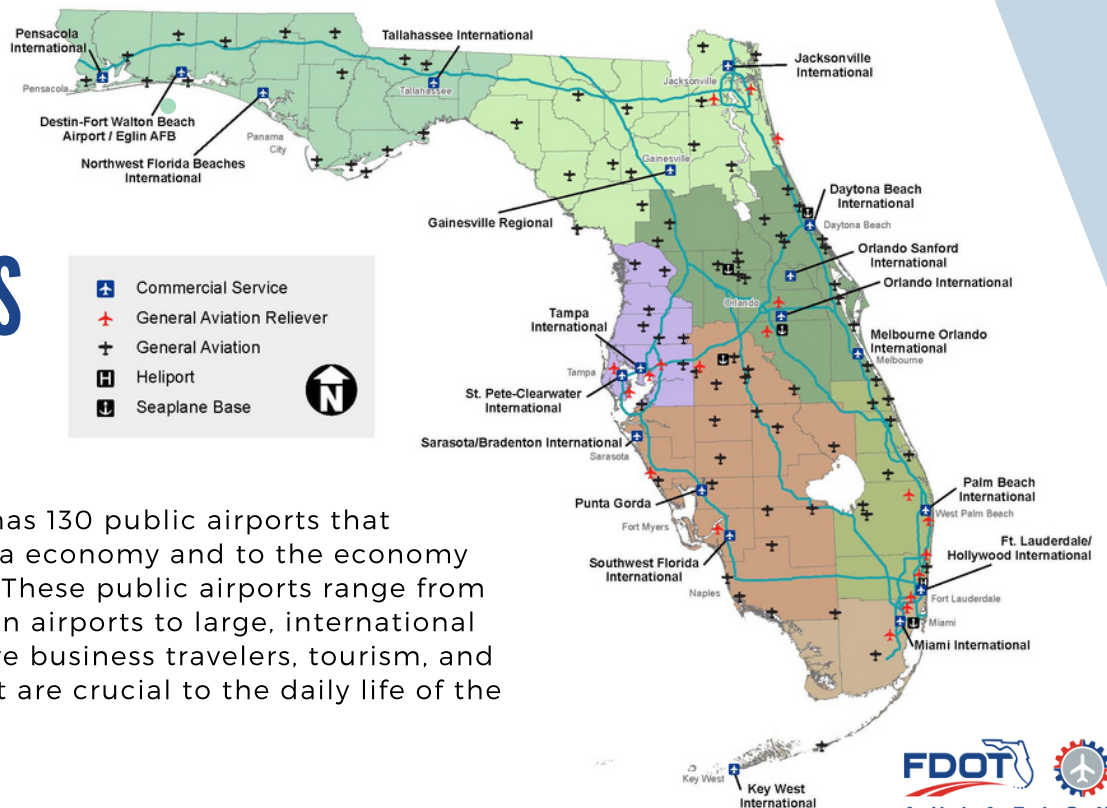


Access the Private-Use webpage here

"Private airport" means an airport, publicly or privately owned, which is not open or available for use by the public, but could be made available to others by invitation of the owner or manager. To serve the large number of private-use airports in Florida, the FDOT includes a webpage on the Aviation Office website that provides private-use airport resources on site approval, registration, licensing and inspection. Learn more at: fdot.gov/aviation/pvtairport.shtm



PUBLIC USE AIRPORTS



The State of Florida has 130 public airports that are vital to the Florida economy and to the economy of the United States. These public airports range from small, general aviation airports to large, international hub airports and serve business travelers, tourism, and cargo operations that are crucial to the daily life of the people of Florida.

TRAININGS & COURSES

FLORIDA AVIATION PROFESSIONALS ACADEMY (FAPA)

The **Florida Aviation Professionals Academy (FAPA)** provides relevant academic and technical knowledge to airports, FDOT staff, and other professionals regarding the FDOT Aviation Office's processes, policies, and operations. This includes information related to the foundation for new personnel in understanding aviation processes, policies, and requirements within Florida, assistance in helping personnel transition into new roles associated with FDOT, and skill enhancement relevant to specific duties and responsibilities. For more info on the next available FAPA course, contact Nick Harwell: nick.harwell@dot.state.fl.us



AIRFIELD PAVEMENT INSPECTION TRAINING

The **Airfield Pavement Inspection Training Course** is designed to familiarize participants in the methodology of airfield pavement condition index (PCI) inspections. Participants receive training in identifying pavement distresses, and calculating the PCI, both manually and with a computer software program. Participants in this 2 day training will have the opportunity to join the instructors in conducting actual airfield distress inspection in the field. For more info on the next available course, contact Abdul Hatim: abdul.hatim@dot.state.fl.us

AIRFIELD PAVEMENT DISTRESS REPAIR TRAINING

The **Airfield Pavement Distress Repair Training Course** is designed to familiarize participants in the methodology of airfield pavement distress repairs. The course gives a brief overview of general concepts surrounding airfield pavement structure and repair before providing technical education on the processes and methods of repairing airfield distresses. The course educates students in airfield pavement distresses. The course also provides detailed training on technical repair procedures necessary to fix these pavement distresses, and the recommended procedure for temporary, permanent, and emergency repairs. For more info on the next available course, contact Abdul Hatim: abdul.hatim@dot.state.fl.us

FDOT AVIATION TRAINING VIDEOS/CBTs

Computer-Based Training (CBT) modules have been developed by the FDOT covering a variety of helpful topics of interest to the Florida aviation community. While each of these trainings has a designated purpose, they are a great source of information for the Florida aviation community as a whole and are available to the public.

They can be accessed at:

youtube.com/playlist?list=PLVo87uPoJ9HwRWz_cD1MnLuwVNummd4x1



Access the CBT
modules here

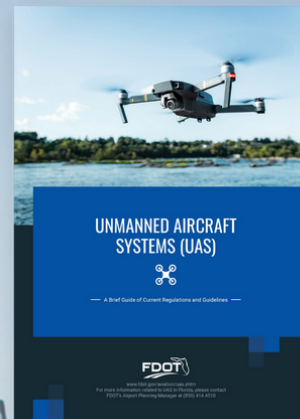
OTHER RESOURCES

UNMANNED AIRCRAFT SYSTEMS (UAS)

The FDOT Aviation Office has developed an informational brochure to assist airports, UAS operators, the public, pilots, and law enforcement in increasing knowledge of roles, responsibilities, and guidance related to UAS operations. Learn more at: fdot.gov/aviation/uas.shtm



Access the brochure here



AIRPORT SUSTAINABILITY GUIDEBOOK

The FDOT Aviation Office developed the **Airport Sustainability Guidebook** to lead Florida's airports into a successful and sustainable future. It was the goal of the FDOT to assist airports and related staff to develop financial strategies geared at a broad range of topics affecting an airport and its overall sustainability. Access the guidebook here: fdot.gov/aviation/sustainability.shtm



CFASPP

The **Continuing Florida Aviation System Planning Process (CFASPP)** was established by the FAA and the FDOT as a method to help maintain a viable Statewide aviation environment. There are 9 Regional CFASPP Steering Committees and one Executive Statewide Committee. These committees have tri-annual meetings which participants can attend either in-person or virtually. These meetings provide both regional and statewide input critical to the ultimate success of the Florida aviation system and aviation system planning efforts. Learn more here: cfaspp.com

FLORIDA AVIATION AWARDS PROGRAM

Every year, the FDOT is proud to recognize superior achievement by presenting awards in the categories of Aviation Professional of the Year, Distinguished Aviation Service, Commercial Service Airport of the Year, General Aviation Airport of the Year, Commercial Service Airport Project of the Year, and General Aviation Airport Project of the Year. Learn more here: fdot.gov/aviation/aviationawards.shtm



ABOUT THE FDOT AVIATION OFFICE

OUR MISSION

To provide a safe and secure air transportation system that ensures the mobility of people and goods, enhances economic prosperity, and preserves the quality of our environment and communities.

OUR VISION

Serving the people of Florida by facilitating the development of the nation's most efficient air transportation system.

OUR VALUES



TEAMWORK

We are one agency, one team.



COMMITMENT

We do what we say we are going to do.



INTEGRITY

We always do what is right.



QUALITY

We strive for excellence.



TRUST

We are open and fair.



RESPECT

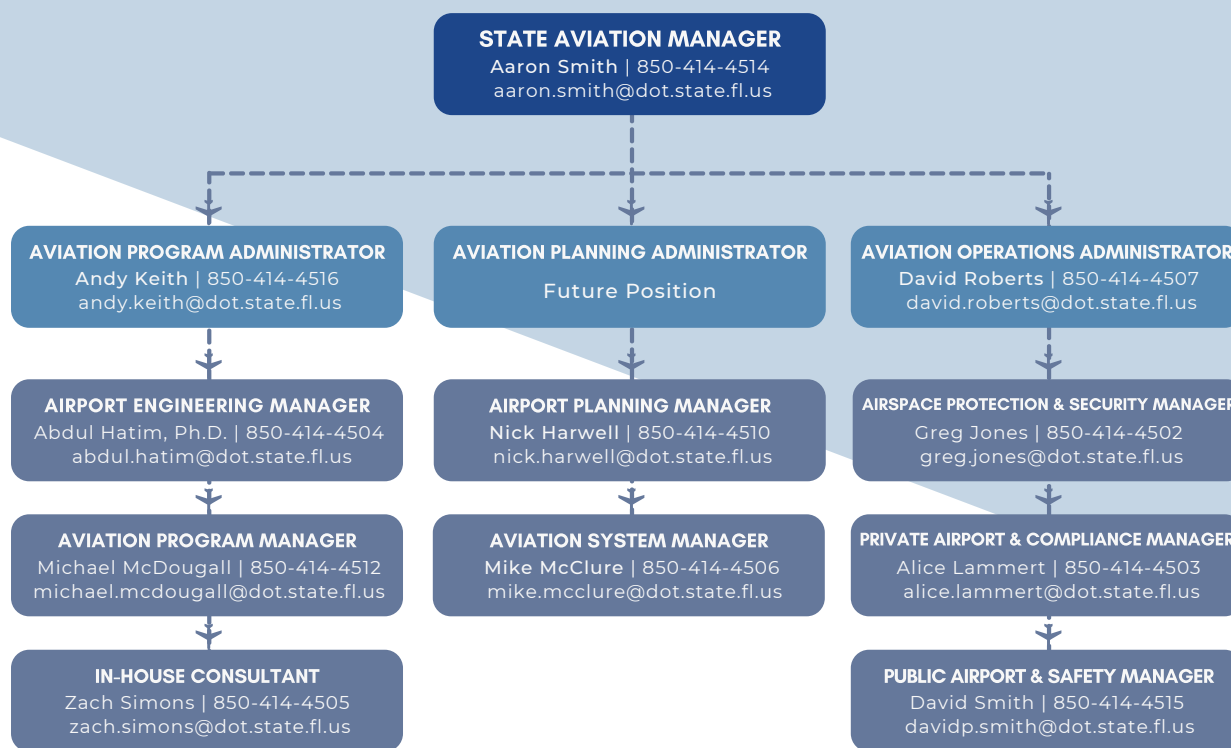
We value diversity, talent and ideas.



RELIABILITY

We do what ought to be done with a spirit of customer service

CENTRAL OFFICE CONTACTS



DISTRICT OFFICE CONTACTS

D1	KRISTI SMITH DAWN GALLON	863-519-2265 863-519-2675	KRISTI.SMITH@DOT.STATE.FL.US DAWN.GALLON@DOT.STATE.FL.US
D2	KYLE COFFMAN DONNA WHITNEY	904-360-5686 386-961-7377	KYLE.COFFMAN@DOT.STATE.FL.US DONNA.WHITNEY@DOT.STATE.FL.US
D3	QUINTON WILLIAMS VANESSA STRICKLAND	850-330-1545 850-330-1534	QUINTON.WILLIAMS@DOT.STATE.FL.US VANESSA.STRICKLAND@DOT.STATE.FL.US
D4	LAUREN RAND LAURIE MCDERMOTT	954-777-4490 954-777-4497	LAUREN.RAND@DOT.STATE.FL.US LAURIE.MCDERMOTT@DOT.STATE.FL.US
D5	ALLISON MCCUDDY JOE JERKINS	386-943-5041 386-943-5040	ALLISON.MCCUDDY@DOT.STATE.FL.US JOSEPH.JERKINS@DOT.STATE.FL.US
D6	DIONNE RICHARDSON BRITTANY WILLIAMS-SANDERS	305-470-5292 305-470-5541	DIONNE.RICHARDSON@DOT.STATE.FL.US BRITTANY.WILLIAMS-SANDERS@DOT.STATE.FL.US
D7	RAY CLARK MICHAEL BROWN	813-975-6235 813-975-6643	RAYMOND.CLARK@DOT.STATE.FL.US MICHAEL.BROWN@DOT.STATE.FL.US





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605 Suwannee Street
Tallahassee, Florida
32399-0450

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