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# Introduction

This Major Update Report for the Florida District 5 Regional ITS Architecture (RITSA) identifies the revisions incorporated into the architecture. The revisions reflect the inputs of stakeholders as part of the Florida Intelligent Transportation Systems (ITS) Architecture Support and Maintenance Project. Information was gathered from Stakeholders through an Initial Review Report and Meeting conducted on November 5, 2019, and a Stakeholder Workshop conducted on December 4, 2019. Additional information was gathered from Stakeholders based on the review of the Draft version of this District 5 Major Update Report.

The revisions to the District 5 RITSA include project implementation and plans, transportation and technology initiatives being pursued by stakeholders, and opportunities for architecture streamlining to improve the District 5 RITSA’s application and maintenance.

The purpose of this District 5 RITSA Major Update Report is to document revisions made to the District 5 RITSA to support Stakeholder comments received.

The Florida ITS Architecture Support and Maintenance Project includes the update of the Statewide ITS Architecture (SITSA) and seven RITSAs. The same review, information gathering, workshops, and architecture update processes are being used for each of the architectures. The FDOT Architecture Team coordinates with the FDOT Project Manager or designee and each applicable District Transportation Systems Management and Operations (TSM&O) Program Engineer or designee for the RITSAs. The FDOT Architecture Team is documenting findings and recommended actions separately for the SITSA and the seven RITSAs. The outcome of the District 5 RITSA Stakeholder Workshop, along with the outcome from the District 5 RITSA Initial Review Meeting, resulted in the changes to the District 5 RITSA described in this document as part of its major update.

# Description of Changes

This section of the report captures the overall architecture changes based on analysis of the District 5 Initial Review Meeting, the Stakeholder Workshop, the Stakeholder Workbook, and subsequent comments from District 5 stakeholders. The changes are grouped by architecture component. Additional changes were identified from further investigation and discussion with stakeholders during the update process as some of the information received early in this process was superseded by later stakeholder input. RITSA update actions taken are shown in **bold text**.

Several plans and initiatives were reviewed with respect to the District 5 RITSA Update. In particular,

* STAMP Action Plan
* ITS Ten Year Cost Feasible Plan
* FDOT CAV Business Plan (2019)
* Florida Transportation Plan (FTP)
* Strategic Intermodal System (SIS) Policy Plan
* Traffic Incident Management (TIM) Plan (2019)
* Transportation Technology Strategic Plan
* Strategic Highway Safety Plan (SHSP)
* Planned CVO Strategic Plan

These documents provide high-level visions and plans and, while they did not provide detail to inform the District 5 RITSA Update, they did provide scoping and vision for the District 5 RITSA.

## Stakeholders

The stakeholder changes include name revisions, consolidation of stakeholders, and stakeholder removal to simplify and extend the District 5 RITSA.

The stakeholder inputs gathered from the Initial Review Meeting, Stakeholder Workshop and Stakeholder Workbook, as well as other inputs gathered from numerous stakeholder interactions are provided in Table 1. In the table, the source of the stakeholder information is identified, the issue is defined, and the disposition and actions taken by the FDOT Architecture Team are described.

Table 1 Stakeholder Revisions

| **Stakeholder Name** | **Stakeholder Comment/Recommended Disposition** | Action Taken |
| --- | --- | --- |
| Airport Authorities | This should not be connected to anything. Remove this. | **Stakeholder for Air Freight Terminals and Orlando-Sanford International Airport inventory elements has been removed.** |
| Amtrak | This should not be connected to anything. Remove this. | **Removed.** |
| CFX | Keep – Make county adjustments noted - The Central Florida Expressway Authority currently operates toll roads in Orange, Osceola and Lake Counties, Florida. CFX has jurisdiction to operate and maintain toll roads in Orange, Seminole, Lake, Brevard and Osceola Counties. | **Kept, changes incorporated.** |
| CHEMTREC | This should not be connected to anything. Remove this. | **Removed, stakeholder for CHEMTREC inventory element which is also being removed.** |
| Cities and Counties | Need a stakeholder group of all the City and County stakeholders. This may involve breaking the Volusia County group up into individual stakeholders because it would be more important to have the generic City and County group in the overall architecture structure. | **Created Cities and Counties stakeholder group with all cities and counties underneath it, resolving Volusia County issue.** |
| City of Melbourne Airport Authority | This should not be connected to anything. Remove this. | **Removed, stakeholder for Melbourne International Airport inventory element is also removed.** |
| County School Districts | This should not be connected to anything. Remove this. | **Removed, stakeholder for School District Transportation Dispatch, School Buses and School District Transportation Website inventory elements also removed.** |
| FDOT | What’s the difference between all these FDOT offices? | **Changed to FDOT CO.** |
| FDOT Commission for the Transportation Disadvantaged | This should not be connected to anything. Remove this. | **Removed.** |
| FDOT/FHP | Can this be removed? Discussed at Initial Meeting, RTMC is FDOT only, this is a stakeholder group used for the FDOT District 5 RTMC and Florida HAZMAT Permitting System inventory elements, are these really jointly managed, should they be? | **Removed.** |
| Florida Department of Highway Safety and Motor Vehicles | Florida Department of Highway Safety and Motor Vehicles - What is this connected to? | **Removed Florida Department of Highway Safety and Motor Vehicles stakeholder and Florida DMV Licensing and Registration System, they are both found in the FTE architecture.** |
| Florida Highway Patrol | Keep | **Kept, changed name to FHP.** |
| Floridas Turnpike Enterprise | Keep | **Kept, changed name to FTE.** |
| Greater Orlando Airport Authority | Remove. | **Removed, stakeholder for Orlando International Airport inventory element also removed,** |
| Local Transit Operators | Remove given the individual agencies are included as stakeholders. | **Removed, all transit operators in region individually named.** |
| Marion County Government | Keep | **Kept, removed “Government” from name.** |
| MetroPlan Orlando | Keep; change description to: The Metropolitan Planning Organization (MPO) for the greater Orlando region, which includes Orange, Osceola and Seminole Counties. | **Kept, change made.** |
| Ocala/Marion County Transportation Planning Organization | Keep, but change name. | **Kept, changed name.** |
| One Call System | Remove. | **Removed, this is the stakeholder for the 1-800-Sunshine inventory element.** |
| Orange County Convention Center | Can we change OCCC to Orange County Convention Center for clarity? | **Changed name to Orange County Convention Center.** |
| Osceola County Engineering | Is Osceola County Engineering separate from general Osceola County? | **Kept, removed “Engineering”** |
| Osceola County Expressway Authority | Remove this is now functionally CFX. | **Removed.** |
| Polk County Transit Services | Remove. | **Removed, Polk County not in D5, should be in D7.** |
| Private Commercial Vehicle and Fleet Operators | Keep. Should TNCs be added in the description? | **Yes, added Transportation Network Company (TNC)** |
| Private Maintenance Contractors | Keep but add “Asset” after “Private”. | **Kept, made change to name.** |
| Private/Public Regional Medical Centers | Remove. | **Kept but removed Private/Public from name.** |
| Space Coast TPO | Keep, add City of Palm Bay and City of Titusville to description. | **Kept, added to description.** |
| St. Lucie County Transit | Remove. | **Removed, St. Lucie not in D5, this is the stakeholder for the St. Lucie Community Transit Systems inventory element also removed.** |
| Sumter County | Keep, change description to: Represents the agencies and departments of Sumter County developments. | **Kept, changed description.** |

## Inventory Elements

The inventory element changes include name revisions, new elements, and element removal for the District 5 RITSA.

The stakeholder inputs gathered from the Initial Review Meeting and the Stakeholder Workshop, as well as inputs gathered from other stakeholder interactions, are provided in Table 2. In the table, the elements are identified, the stakeholder comment or recommended disposition is described, and the actions taken by the FDOT Architecture Team are described. There were changes made to the RITSA during review of the District 5 RITSA system interactions which resulted in clarification District 5 RITSA systems and interfaces.

Table 2 Inventory Element Revisions

| **Element Name** | **Stakeholder Comment/Recommended Disposition** | **Action Taken** |
| --- | --- | --- |
| 1-800 Sunshine | Remove. | Removed the 1-800-Sunshine inventory element. |
| Access LYNX Paratransit Systems | This can be removed; the system no longer exists; it was from ITS World Congress. | Removed. |
| Access LYNX Paratransit Vehicles | This can be removed; the system no longer exists; it was from ITS World Congress. | Removed. |
| Air Freight Terminals | Remove. | Removed. |
| All Aboard Florida Rail Operations | This needs to be updated to Virgin Trains. | Replaced with Rail Operations Centers element, updated description to include Virgin Trains. |
| All Aboard Florida Vehicles | Remove. This is not planned. | Removed along with All Aboard Florida Rail Operations and All Aboard Florida stakeholder. |
| Amtrak Passenger Train Terminal | Remove. | Removed. |
| Brevard County Road Ranger Service Patrol Vehicles | Remove, Brevard County does not have Road Rangers, the state picked it up. | Removed since FDOT District 5 Road Ranger Service Patrol Vehicles already included. |
| Canaveral/ Kennedy Space Port | Revise name to reflect system. | Name revised to Canaveral/Kennedy Space Port Operations Center. |
| Central Florida Data Warehouse | Keep but change name to SunStore. | Changed name to SunStore. |
| CFX Public Website | Keep. | Kept, changed description to: Website operated by CFX that provides toll system, E-PASS account management and construction information. |
| CFX Road Ranger Service Patrol Vehicles | Keep. | Kept, changed description to: Represents the ITS-devices (i.e., mobile data terminals) onboard the vehicles that provide roadside assistance to individuals traveling on the CFX managed systems. Road ranger vehicles contracted out to CFX have AVL and are dispatched by FDOT D5 RTMC. Roam a circuit by default. |
| CHEMTREC | Remove. | Removed. |
| City of Maitland Traffic Operations Center | Keep, should be planned. | Kept, changed status to Planned. |
| City of Ocala Traffic Management Center | Keep. | Kept, changed description to: This operational center controls traffic signals and other associated traffic management devices for the City of Ocala. |
| City of Winter Park Traffic Operations Center | Keep, should be planned. | Kept, changed status to Planned. |
| County and Local Drawbridge Systems | Remove. | Removed. |
| Daytona Beach International Airport | Keep, add Volusia County to name. | Kept, added Volusia County to the name. |
| Electronic Payment Card | Remove. | Removed. |
| E-PASS Headquarters | Keep, update name and description. | Kept, changed description to: E-PASS Headquarters performs toll reconciliation with the FTE system. |
| E-PASS Service Center | Keep, update name and description. | Kept, changed description to: The Customer Service Center that distribute E-PASS tags and provide the back office functions. |
| E-PASS Tag | Keep, update name and description. | Kept, changed description to: E-PASS Tag is used for CFX tolls. |
| FDLE Headquarters | Revise name to reflect system. | Changed name to “FDLE Headquarters Wide Area Alert System” matching FTE RITSA. |
| FDOT District 5 Equipment Repair Facility | Revise name to reflect system What does this connect to? Is this part of ITS maintenance? | Removed. |
| FDOT Safety and Crash Data Collection System | Update to FDOT Signal4. | Kept, changed name to FDOT Signal4. |
| FHP Troop K Dispatch | Keep. | Kept, changed name to FHP Regional Dispatch. |
| FlexBus Consortium Transit Management | Remove. | Removed. |
| FlexBus Consortium Transit Vehicles | Remove. | Removed. |
| FlexBus Website | Remove. | Removed. |
| Florida 511 | Keep. | Kept, changed name to FL511. |
| Florida DMV Licensing and Registration System | Why is this in the architecture? | Removed, still shown in the FTE architecture. |
| Florida HAZMAT Permitting System | Why is this in the architecture? | Removed. |
| Florida Highway Patrol Vehicles | Keep. | Kept, changed name to FHP Vehicles. |
| Florida Human Service Agencies | Why is this in the architecture? | Removed. |
| Florida Statewide Toll Tag | Keep. | Removed, SunPass Tag already covers this, there are no plans to have another Florida Statewide Toll Tag. |
| Florida Statewide Tolling Customer Service Center | Keep. | Kept, based on FTE RITSA, changed to Florida Statewide Tolling Centralized Customer Service System (CCSS) represents an outsourced centralized, and tolling customer service system for the entire State of Florida. |
| FTE Boca Data Center | Keep. | Removed FTE Boca Data Center. |
| FTE Regional Toll Office | Keep. | Removed based on FTE input. |
| I-4 Concessionaire | Change name to I4MP. | Changed name to I4MP. Also changed stakeholder name. |
| LYNX Bike Share | Remove. | Remove, this is redundant with LYNX Bike Share Equipment. |
| LYNX Bike Share Equipment | Remove. | Replaced by generic Private Bike Share Equipment. Added Private Bike Share Operator as the stakeholder. |
| LYNX On-Demand Transit Management | Remove. | Removed. |
| LYNX On-Demand Transit Vehicles | Remove. | Removed. |
| Melbourne International Airport | Remove. | Removed. |
| Orlando Convention Center Parking Facility | Revise name to reflect system. | Changed name to Orlando Convention Center Parking Facility System. |
| Orlando Intermodal Center | Keep, add Virgin Trains to description. | Kept, added Virgin Trains to description. |
| Orlando-Sanford International Airport | Remove. | Removed. |
| Other County and City Maintenance | Remove. | Removed. |
| Other FDOT District Infrastructure Monitoring Equipment | Remove. | Removed. |
| PCTS Paratransit Vehicles | Remove. | Removed. |
| Polk County Transit Services | Remove. | Removed. |
| Private Sector Traveler Information Services | Keep. | Kept, updated description to remove company brands/names. |
| Private/Public Ambulance Dispatch | Keep. | Removed Private/Public from name, not necessary, description updated to have both Private and Public. |
| Private/Public Ambulance Vehicles | Keep. | Removed Private/Public from name, not necessary, description updated to have both Private and Public. |
| Private/Public Parking Facility Operators | Keep. | Removed Private/Public from name, not necessary, description updated to have both Private and Public. |
| Private/Public Weather Information Providers | Keep. | Removed Private/Public from name, not necessary, description updated to have both Private and Public. |
| Regional HAZMAT Team | Keep. | Kept, revised name to reflect system, add Response and System to name, i.e., Regional HAZMAT Response Team System. |
| Regional Medical Centers |  | Revised name to reflect system, i.e., Regional Medical Center Systems. |
| School Buses |  | Removed. |
| School District Transportation Web Site | Remove, in Volusia County this information is withheld for security reasons. Parent have to call directly to reserve student a spot on bus. | Removed. |
| Sumter County Traffic Management Center | Change name to Sumter County Traffic Management Center with description: Controls signals and other associated traffic management devices for Sumter County. | Changed name to Sumter County TMC and updated the description. |
| SunGuide Data Archiving | Revise name to reflect system. | Changed name to SunGuide Data Archiving System. |
| Votran Transit Dispatch | Change name to Votran Transit Dispatch and Stakeholder to Volusia County | Changed name to Votran (not VOTRAN) Transit Dispatch and Stakeholder to Volusia County. |
| Votran Transit Vehicles | Change name to Votran Transit Vehicles and Stakeholder to Volusia County | Changed name to Votran (not VOTRAN) Transit Vehicles and Stakeholder to Volusia County. NOTE: Votran is using “MyStop” application for transit users. |
| Votran Website | Change name to Votran Website and Stakeholder to Volusia County | Changed name to Votran (not VOTRAN) Website and Stakeholder to Volusia County. |

## Service Packages

The service package changes include name revisions, new services, and service removal to simplify the District 5 RITSA.

The stakeholder inputs gathered from the Initial Review Meeting and the Stakeholder Workshop, as well as inputs gathered from other stakeholder interactions are provided in this section.

* Table 3 provides the disposition of the RITSA services in alphabetical order based on the Service Package number. The action taken column describes whether they were converted or if they are a new service for a project or program. An overarching change was the renaming of all of the services. The original service names were cryptic and it was not readily apparent what they entailed. To more closely map the District 5 RITSA to the Architecture Reference for Cooperative and Intelligent Transportation (ARC-IT), the ARC-IT service numbering was used as part of the service name revision.
* Table 4 provides the comments received from stakeholders, primarily from the Initial Review Meeting, regarding services and the disposition of those comments in the draft update.

Table 3 Services Converted or added for Projects/Programs

| **Service Package ID** | **Service Package Name** | **Action Taken** |
| --- | --- | --- |
| CVO02 | Freight Administration (Freight/Intermodal Terminals) | Converted name. |
| CVO06 | Freight Signal Priority (FDOT I-75 FRAME Ocala Project) | New project/ program service. |
| CVO12 | HAZMAT Management (Central Florida) | Converted name. |
| DM01 | ITS Data Warehouse (Central Florida Data Warehouse (1 of 2)) | Converted name. |
| DM01 | ITS Data Warehouse (Central Florida Data Warehouse (2 of 2)) | Converted name. |
| DM01 | ITS Data Warehouse (FDOT Statewide OIS Enterprise Databases) | Converted name. |
| DM01 | ITS Data Warehouse (Lake-Sumter Data Archiving) | Converted name. |
| DM01 | ITS Data Warehouse (Local Archives (1 of 2)) | Converted name. |
| DM01 | ITS Data Warehouse (Local Archives (2 of 2)) | Converted name. |
| DM01 | ITS Data Warehouse (LYNX/Florida DMV) | Converted name. |
| DM01 | ITS Data Warehouse (MetroPlan Transportation Data Collection System (1 of 2)) | Converted name. |
| DM01 | ITS Data Warehouse (MetroPlan Transportation Data Collection System (2 of 2)) | Converted name. |
| DM01 | ITS Data Warehouse (Ocala/Marion County TPO Archive) | Converted name. |
| DM01 | ITS Data Warehouse (Orange County Travel Time) | Converted name. |
| DM01 | ITS Data Warehouse (R2CTPO Data System) | Converted name. |
| DM01 | ITS Data Warehouse (SCTPO Data System) | Converted name. |
| DM01 | ITS Data Warehouse (SunGuide Data Archiving) | Converted name. |
| MC01 | Maintenance and Construction Vehicle and Equipment Tracking (Counties and Cities) | Converted name. |
| MC01 | Maintenance and Construction Vehicle and Equipment Tracking (FDOT District 5 / CFX Maintenance) | Converted name. |
| MC02 | Maintenance and Construction Vehicle Maintenance (FDOT District 5 / Counties and Cities) | Converted name. |
| MC05 | Roadway Maintenance and Construction (Counties and Cities (1 of 2)) | Converted name. |
| MC05 | Roadway Maintenance and Construction (Counties and Cities (2 of 2)) | Converted name. |
| MC05 | Roadway Maintenance and Construction (FDOT District 5) | Converted name. |
| MC06 | Work Zone Management (Counties and Cities (1 of 3)) | Converted name. |
| MC06 | Work Zone Management (Counties and Cities (2 of 3)) | Converted name. |
| MC06 | Work Zone Management (Counties and Cities (3 of 3)) | Converted name. |
| MC06 | Work Zone Management (FDOT District 5) | Converted name. |
| MC06 | Work Zone Management (Orange County and City of Orlando) | Converted name. |
| MC07 | Work Zone Safety Monitoring (Counties and Cities) | Converted name. |
| MC07 | Work Zone Safety Monitoring (FDOT District 5) | Converted name. |
| MC08 | Maintenance and Construction Activity Coordination (Counties and Cities (1 of 4)) | Converted name. |
| MC08 | Maintenance and Construction Activity Coordination (Counties and Cities (2 of 4)) | Converted name. |
| MC08 | Maintenance and Construction Activity Coordination (Counties and Cities (3 of 4)) | Converted name. |
| MC08 | Maintenance and Construction Activity Coordination (Counties and Cities (4 of 4)) | Converted name. |
| MC08 | Maintenance and Construction Activity Coordination (FDOT District 5 (1 of 4)) | Converted name. |
| MC08 | Maintenance and Construction Activity Coordination (FDOT District 5 (2 of 4)) | Converted name. |
| MC08 | Maintenance and Construction Activity Coordination (FDOT District 5 (3 of 4)) | Converted name. |
| MC08 | Maintenance and Construction Activity Coordination (FDOT District 5 (4 of 4)) | Converted name. |
| MC08 | Maintenance and Construction Activity Coordination (Orange County) | Converted name. |
| MC09 | Infrastructure Monitoring (Counties and Cities) | Converted name. |
| PM01 | Parking Space Management (Parking Facility Operators) | Converted name. |
| PM01 | Parking Space Management (City of Orlando Travel Time Project) | Converted name. |
| PM01 | Parking Space Management (GreenWay Program) | New project/ program service. |
| PM01 | Parking Space Management (Orlando Convention Center) | Converted name. |
| PM02 | Smart Park and Ride System (SmartCommunity Program) | New project/ program service. |
| PM03 | Parking Electronic Payment (Orlando Convention Center (1 of 2)) | Converted name. |
| PM03 | Parking Electronic Payment (Parking Facility Operators) | Converted name. |
| PM04 | Regional Parking Management (FDOT CV Parking) | Converted name. |
| PM04 | Regional Parking Management (Parking Facility Operators) | Converted name. |
| PM04 | Regional Parking Management (Volusia County Park Parking Information Project) | New project/ program service. |
| PS01 | Emergency Call-Taking and Dispatch (Brevard County) | Converted name. |
| PS01 | Emergency Call-Taking and Dispatch (Central Florida Regional Incident and Mutual Aid Network (EM to Other EM)) | Converted name. |
| PS01 | Emergency Call-Taking and Dispatch (City of Daytona Beach) | Converted name. |
| PS01 | Emergency Call-Taking and Dispatch (City of Maitland) | Converted name. |
| PS01 | Emergency Call-Taking and Dispatch (City of Melbourne) | Converted name. |
| PS01 | Emergency Call-Taking and Dispatch (City of Ocala) | Converted name. |
| PS01 | Emergency Call-Taking and Dispatch (City of Orlando) | Converted name. |
| PS01 | Emergency Call-Taking and Dispatch (City of Winter Park) | Converted name. |
| PS01 | Emergency Call-Taking and Dispatch (Counties and Cities (1 of 2)) | Converted name. |
| PS01 | Emergency Call-Taking and Dispatch (Counties and Cities (2 of 2)) | Converted name. |
| PS01 | Emergency Call-Taking and Dispatch (County Dispatch) | Converted name. |
| PS01 | Emergency Call-Taking and Dispatch (County Sheriff / Fire Vehicles) | Converted name. |
| PS01 | Emergency Call-Taking and Dispatch (Disney Traffic Operations Center) | Converted name. |
| PS01 | Emergency Call-Taking and Dispatch (Florida Highway Patrol) | Converted name. |
| PS01 | Emergency Call-Taking and Dispatch (Lake County) | Converted name. |
| PS01 | Emergency Call-Taking and Dispatch (Local Dispatch) | Converted name. |
| PS01 | Emergency Call-Taking and Dispatch (Local Police / Fire Vehicles) | Converted name. |
| PS01 | Emergency Call-Taking and Dispatch (Marion County) | Converted name. |
| PS01 | Emergency Call-Taking and Dispatch (Osceola County) | Converted name. |
| PS01 | Emergency Call-Taking and Dispatch (Volusia County) | Converted name. |
| PS02 | Emergency Response ((EM to EVS) (1 of 2)) | Converted name. |
| PS02 | Emergency Response ((EM to EVS) (2 of 2)) | Converted name. |
| PS02 | Emergency Response (CFX (EM to MCM)) | Converted name. |
| PS02 | Emergency Response (Counties and Cities (EM to MCM)) | Converted name. |
| PS02 | Emergency Response (County Emergency Operations Center (TM to EM)) | Converted name. |
| PS02 | Emergency Response (FDOT District 5 (EM to MCM)) | Converted name. |
| PS02 | Emergency Response (FDOT Transportation EOC (TM to EM)) | Converted name. |
| PS02 | Emergency Response (LYNX) | Converted name. |
| PS03 | Emergency Vehicle Preemption (Brevard County) | Converted name. |
| PS03 | Emergency Vehicle Preemption (City of Daytona Beach) | Converted name. |
| PS03 | Emergency Vehicle Preemption (City of Maitland) | Converted name. |
| PS03 | Emergency Vehicle Preemption (City of Melbourne) | Converted name. |
| PS03 | Emergency Vehicle Preemption (City of Ocala) | Converted name. |
| PS03 | Emergency Vehicle Preemption (City of Orlando) | Converted name. |
| PS03 | Emergency Vehicle Preemption (City of Winter Park) | Converted name. |
| PS03 | Emergency Vehicle Preemption (Counties and Cities (1 of 2)) | Converted name. |
| PS03 | Emergency Vehicle Preemption (Counties and Cities (2 of 2)) | Converted name. |
| PS03 | Emergency Vehicle Preemption (County Sheriff / Fire Vehicles) | Converted name. |
| PS03 | Emergency Vehicle Preemption (Disney Traffic Operations Center) | Converted name. |
| PS03 | Emergency Vehicle Preemption (FDOT District 5 I-75 FRAME Ocala Project) | New project/ program service. |
| PS03 | Emergency Vehicle Preemption (Greater Orlando Transit Signal Priority Project) | New project/ program service. |
| PS03 | Emergency Vehicle Preemption (Lake County) | Converted name. |
| PS03 | Emergency Vehicle Preemption (Local Police / Fire Vehicles) | Converted name. |
| PS03 | Emergency Vehicle Preemption (Marion County) | Converted name. |
| PS03 | Emergency Vehicle Preemption (Osceola County) | Converted name. |
| PS03 | Emergency Vehicle Preemption (Volusia County Cities Fire Preemption Project) | New project/ program service. |
| PS03 | Emergency Vehicle Preemption (Volusia County) | Converted name. |
| PS08 | Roadway Service Patrols (FDOT District 5) | Converted name. |
| PS08 | Roadway Service Patrols (LYNX) | Converted name. |
| PS09 | Transportation Infrastructure Protection (FDOT District 5 (1 of 2)) | Converted name. |
| PS09 | Transportation Infrastructure Protection (FDOT District 5 (2 of 2)) | Converted name. |
| PS10 | Wide-Area Alert (Amber, Silver and Blue Alerts) | Converted name. |
| PS10 | Wide-Area Alert (County EOCs (1 of 3)) | Converted name. |
| PS10 | Wide-Area Alert (County EOCs (2 of 3)) | Converted name. |
| PS10 | Wide-Area Alert (County EOCs (3 of 3)) | Converted name. |
| PS11 | Early Warning System (County EOCs (1 of 3)) | Converted name. |
| PS11 | Early Warning System (County EOCs (2 of 3)) | Converted name. |
| PS11 | Early Warning System (County EOCs (3 of 3)) | Converted name. |
| PS11 | Early Warning System (Local EOCs (1 of 2)) | Converted name. |
| PS11 | Early Warning System (Local EOCs (2 of 2)) | Converted name. |
| PS12 | Disaster Response and Recovery (County EOCs (1 of 4)) | Converted name. |
| PS12 | Disaster Response and Recovery (County EOCs (2 of 4)) | Converted name. |
| PS12 | Disaster Response and Recovery (County EOCs (3 of 4)) | Converted name. |
| PS12 | Disaster Response and Recovery (County EOCs (4 of 4)) | Converted name. |
| PS12 | Disaster Response and Recovery (FDOT District 5 EOC) | Converted name. |
| PS13 | Evacuation and Reentry Management (Central Florida Traffic Management Agencies) | Converted name. |
| PS13 | Evacuation and Reentry Management (Counties) | Converted name. |
| PS13 | Evacuation and Reentry Management (County EOCs (1 of 3)) | Converted name. |
| PS13 | Evacuation and Reentry Management (County EOCs (2 of 3)) | Converted name. |
| PS13 | Evacuation and Reentry Management (County EOCs (3 of 3)) | Converted name. |
| PS13 | Evacuation and Reentry Management (FDOT District 5) | Converted name. |
| PS14 | Disaster Traveler Information (County Emergency Operations Center) | Converted name. |
| PT01 | Transit Vehicle Tracking (Brevard County Transit Upgrade Project) | New project/ program service. |
| PT01 | Transit Vehicle Tracking (I-RIDE Tourist Shuttle) | Converted name. |
| PT01 | Transit Vehicle Tracking (LYNX) | Converted name. |
| PT01 | Transit Vehicle Tracking (Marion Transit/ Lake Transit) | Converted name. |
| PT01 | Transit Vehicle Tracking (SCAT Transit) | Converted name. |
| PT01 | Transit Vehicle Tracking (SmartCommunity Program) | New project/ program service. |
| PT01 | Transit Vehicle Tracking (Sumter County Transit) | Converted name. |
| PT01 | Transit Vehicle Tracking (SunRail Project) | Converted name. |
| PT01 | Transit Vehicle Tracking (SunRail) | Converted name. |
| PT01 | Transit Vehicle Tracking (SUNTRAN Transit) | Converted name. |
| PT01 | Transit Vehicle Tracking (Votran Transit) | Converted name. |
| PT02 | Transit Fixed-Route Operations (ATTAIN Central Florida Project) | New project/ program service. |
| PT02 | Transit Fixed-Route Operations (LakeXpress) | Converted name. |
| PT02 | Transit Fixed-Route Operations (LYNX Operations Center) | Converted name. |
| PT02 | Transit Fixed-Route Operations (SCAT Transit) | Converted name. |
| PT02 | Transit Fixed-Route Operations (Sumter County Transit) | Converted name. |
| PT02 | Transit Fixed-Route Operations (SunRail Project) | New project/ program service. |
| PT02 | Transit Fixed-Route Operations (SUNTRAN) | Converted name. |
| PT02 | Transit Fixed-Route Operations (Votran Transit Dispatch) | Converted name. |
| PT03 | Dynamic Transit Operations (Access LYNX Paratransit Systems) | Converted name. |
| PT03 | Dynamic Transit Operations (Lake Trans Paratransit Systems) | Converted name. |
| PT03 | Dynamic Transit Operations (LYNX On-Demand Transit) | Converted name. |
| PT03 | Dynamic Transit Operations (Marion Transit Services) | Converted name. |
| PT03 | Dynamic Transit Operations (SCAT Paratransit Systems) | Converted name. |
| PT03 | Dynamic Transit Operations (Votran Paratransit Systems) | Converted name. |
| PT04 | Transit Fare Collection Management (Access LYNX Paratransit) | Converted name. |
| PT04 | Transit Fare Collection Management (I-RIDE Shuttle Dispatch) | Converted name. |
| PT04 | Transit Fare Collection Management (LYNX Bike Share) | Converted name. |
| PT04 | Transit Fare Collection Management (LYNX Fare Integration Project) | New project/ program service. |
| PT04 | Transit Fare Collection Management (LYNX On-Demand Transit) | Converted name. |
| PT04 | Transit Fare Collection Management (LYNX Website Integration Project) | New project/ program service. |
| PT04 | Transit Fare Collection Management (LYNX) | Converted name. |
| PT04 | Transit Fare Collection Management (Regional Transit Fare Coordination Network) | Converted name. |
| PT04 | Transit Fare Collection Management (Sumter County Transit) | Converted name. |
| PT04 | Transit Fare Collection Management (SunRail Project) | New project/ program service. |
| PT04 | Transit Fare Collection Management (SunRail) | Converted name. |
| PT04 | Transit Fare Collection Management (Votran Transit Dispatch) | Converted name. |
| PT04 | Transit Fare Collection Management (VTRACS) | Converted name. |
| PT05 | Transit Security (Access LYNX Paratransit) | Converted name. |
| PT05 | Transit Security (I-RIDE) | Converted name. |
| PT05 | Transit Security (LYNX On-Demand Transit) | Converted name. |
| PT05 | Transit Security (LYNX Operations Center) | Converted name. |
| PT05 | Transit Security (Orlando Intermodal Center) | Converted name. |
| PT05 | Transit Security (SCAT Transit) | Converted name. |
| PT05 | Transit Security (Sumter County Transit) | Converted name. |
| PT05 | Transit Security (SunRail Project) | New project/ program service. |
| PT05 | Transit Security (SunRail) | Converted name. |
| PT05 | Transit Security (SUNTRAN) | Converted name. |
| PT05 | Transit Security (Votran Transit Dispatch) | Converted name. |
| PT05 | Transit Security (VTRACS) | Converted name. |
| PT06 | Transit Fleet Management (I-RIDE) | Converted name. |
| PT06 | Transit Fleet Management (LYNX) | Converted name. |
| PT06 | Transit Fleet Management (Votran / SCAT Transit Dispatch) | Converted name. |
| PT07 | Transit Passenger Counting (LYNX) | Converted name. |
| PT07 | Transit Passenger Counting (SCAT) | Converted name. |
| PT07 | Transit Passenger Counting (Votran Passenger Count and Bus Arrival Project) | New project/ program service. |
| PT08 | Transit Traveler Information | Converted name. |
| PT08 | Transit Traveler Information (Access LYNX Paratransit Vehicle) | Converted name. |
| PT08 | Transit Traveler Information (ATTAIN Central Florida Project) | New project/ program service. |
| PT08 | Transit Traveler Information (LYNX On-Demand Transit) | Converted name. |
| PT08 | Transit Traveler Information (LYNX Operations Center) | Converted name. |
| PT08 | Transit Traveler Information (LYNX Website Integration Project) | New project/ program service. |
| PT08 | Transit Traveler Information (SCAT Transit) | Converted name. |
| PT08 | Transit Traveler Information (SmartCommunity Program) | New project/ program service. |
| PT08 | Transit Traveler Information (Sumter County Transit) | Converted name. |
| PT08 | Transit Traveler Information (SunRail Project) | New project/ program service. |
| PT08 | Transit Traveler Information (SunRail) | Converted name. |
| PT08 | Transit Traveler Information (SUNTRAN) | Converted name. |
| PT08 | Transit Traveler Information (Votran Passenger Count and Bus Arrival Project) | New project/ program service. |
| PT08 | Transit Traveler Information (Votran Transit) | Converted name. |
| PT08 | Transit Traveler Information (VTRACS) | Converted name. |
| PT09 | Transit Signal Priority (ATTAIN Central Florida Project - SunRail) | New project/ program service. |
| PT09 | Transit Signal Priority (ATTAIN Central Florida Project) | New project/ program service. |
| PT09 | Transit Signal Priority (FDOT I-75 FRAME Ocala Project) | New project/ program service. |
| PT09 | Transit Signal Priority (Greater Orlando Transit Signal Priority Project) | New project/ program service. |
| PT09 | Transit Signal Priority (GreenWay Program) | New project/ program service. |
| PT09 | Transit Signal Priority (I-RIDE) | Converted name. |
| PT09 | Transit Signal Priority (LYNX (1 of 3)) | Converted name. |
| PT09 | Transit Signal Priority (LYNX (2 of 3)) | Converted name. |
| PT09 | Transit Signal Priority (LYNX (3 of 3)) | Converted name. |
| PT09 | Transit Signal Priority (LYNX TSP/CAV Project) | New project/ program service. |
| PT09 | Transit Signal Priority (Marion County Transit) | Converted name. |
| PT09 | Transit Signal Priority (Sumter County Transit) | Converted name. |
| PT09 | Transit Signal Priority (SunRail Project) | New project/ program service. |
| PT09 | Transit Signal Priority (Volusia County Votran Transit Priority Project) | New project/ program service. |
| PT09 | Transit Signal Priority (Votran Transit Dispatch) | Converted name. |
| PT14 | Multi-modal Coordination (ATTAIN Central Florida Project) | New project/ program service. |
| PT14 | Multi-modal Coordination (LYNX On-Demand Transit Management) | Converted name. |
| PT14 | Multi-modal Coordination (LYNX Operations Center) | Converted name. |
| PT14 | Multi-modal Coordination (SCAT Transit) | Converted name. |
| PT14 | Multi-modal Coordination (SmartCommunity Program) | New project/ program service. |
| PT14 | Multi-modal Coordination (SunRail Project) | New project/ program service. |
| PT14 | Multi-modal Coordination (SunRail) | Converted name. |
| PT14 | Multi-modal Coordination (Votran Transit Dispatch) | Converted name. |
| PT17 | Transit Connection Protection (LYNX) | Converted name. |
| ST06 | HOV/HOT Lane Management (FDOT District 5 Express Lanes) | Converted name. |
| SU01 | Connected Vehicle System Monitoring and Management (CFX CAV Project) | New project/ program service. |
| SU02 | Core Authorization (FDOT District 5 I-4 FRAME Project) | New project/ program service. |
| SU02 | Core Authorization (FDOT District 5 I-75 FRAME Ocala Project) | New project/ program service. |
| SU03 | Data Distribution (Private Sector ISPs (1 of 2)) | New project/ program service. |
| SU03 | Data Distribution (Private Sector ISPs (2 of 2)) | New project/ program service. |
| SU04 | Map Management (CFX CAV Project) | New project/ program service. |
| SU04 | Map Management (FDOT District 5 I-4 FRAME Project) | New project/ program service. |
| SU04 | Map Management (FDOT District 5 I-75 FRAME Ocala Project) | New project/ program service. |
| SU04 | Map Management (LYNX TSP/CAV Project) | New project/ program service. |
| SU04 | Map Management (PedSafe Program) | New project/ program service. |
| SU08 | Security and Credentials Management (CFX CAV Project) | New project/ program service. |
| SU08 | Security and Credentials Management (FDOT District 5 I-4 FRAME Project) | New project/ program service. |
| SU08 | Security and Credentials Management (FDOT District 5 I-75 FRAME Ocala Project) | New project/ program service. |
| SU08 | Security and Credentials Management (LYNX TSP/CAV Project) | New project/ program service. |
| SU08 | Security and Credentials Management (PedSafe Program) | New project/ program service. |
| TI01 | Broadcast Traveler Information (ATTAIN Central Florida Project) | New project/ program service. |
| TI01 | Broadcast Traveler Information (CFX Public Website) | Converted name. |
| TI01 | Broadcast Traveler Information (FDOT District 5 I-4 FRAME Project) | New project/ program service. |
| TI01 | Broadcast Traveler Information (FL511/Private Sector ISPs (1 of 3)) | Converted name. |
| TI01 | Broadcast Traveler Information (FL511/Private Sector ISPs (2 of 3)) | Converted name. |
| TI01 | Broadcast Traveler Information (FL511/Private Sector ISPs (3 of 3)) | Converted name. |
| TI01 | Broadcast Traveler Information (SunRail Project) | New project/ program service. |
| TI02 | Personalized Traveler Information (FL511) | Converted name. |
| TI02 | Personalized Traveler Information (LYNX Website) | Converted name. |
| TI02 | Personalized Traveler Information (Private Sector Traveler Information Services / Mayday Service Center) | Converted name. |
| TI02 | Personalized Traveler Information (SunRail Project) | New project/ program service. |
| TI02 | Personalized Traveler Information (SunRail) | Converted name. |
| TI02 | Personalized Traveler Information (Virtual Travel Planning (Outputs)) | Converted name. |
| TI02 | Personalized Traveler Information (Virtual Travel Planning Center) | Converted name. |
| TI04 | Infrastructure-Provided Trip Planning and Route Guidance (FL511) | Converted name. |
| TI04 | Infrastructure-Provided Trip Planning and Route Guidance (LYNX Trip Planning Project) | New project/ program service. |
| TI04 | Infrastructure-Provided Trip Planning and Route Guidance (LYNX Website) | Converted name. |
| TI04 | Infrastructure-Provided Trip Planning and Route Guidance (SmartCommunity Program) | New project/ program service. |
| TI06 | Dynamic Ridesharing and Shared Use Transportation (SmartCommunity Program) | New project/ program service. |
| TI07 | In-Vehicle Signage (FDOT Lake Mary Blvd CV Project) | New project/ program service. |
| TI07 | In-Vehicle Signage (FDOT) | Converted name. |
| TI07 | In-Vehicle Signage (Seminole County) | Converted name. |
| TM01 | Infrastructure-Based Traffic Surveillance (Brevard County) | Converted name. |
| TM01 | Infrastructure-Based Traffic Surveillance (CFX CCTV/DMS/VDS/Tolling Project) | New project/ program service. |
| TM01 | Infrastructure-Based Traffic Surveillance (CFX Data Analytics Project) | New project/ program service. |
| TM01 | Infrastructure-Based Traffic Surveillance (CFX) | Converted name. |
| TM01 | Infrastructure-Based Traffic Surveillance (City of Daytona Beach) | Converted name. |
| TM01 | Infrastructure-Based Traffic Surveillance (City of Maitland) | Converted name. |
| TM01 | Infrastructure-Based Traffic Surveillance (City of Melbourne CCTV Projects) | New project/ program service. |
| TM01 | Infrastructure-Based Traffic Surveillance (City of Melbourne CCTV/VDS Projects) | New project/ program service. |
| TM01 | Infrastructure-Based Traffic Surveillance (City of Melbourne VDS Projects) | New project/ program service. |
| TM01 | Infrastructure-Based Traffic Surveillance (City of Melbourne) | Converted name. |
| TM01 | Infrastructure-Based Traffic Surveillance (City of Ocala CCTV Expansion Project) | New project/ program service. |
| TM01 | Infrastructure-Based Traffic Surveillance (City of Ocala) | Converted name. |
| TM01 | Infrastructure-Based Traffic Surveillance (City of Orlando) | Converted name. |
| TM01 | Infrastructure-Based Traffic Surveillance (City of Palm Coast) | Converted name. |
| TM01 | Infrastructure-Based Traffic Surveillance (City of Winter Park) | Converted name. |
| TM01 | Infrastructure-Based Traffic Surveillance (County and Local Traffic Control Systems) | Converted name. |
| TM01 | Infrastructure-Based Traffic Surveillance (Daytona Area Detour and Event Management Project) | Converted name. |
| TM01 | Infrastructure-Based Traffic Surveillance (Disney Traffic Operations Center) | Converted name. |
| TM01 | Infrastructure-Based Traffic Surveillance (FDOT Daytona Area DMS/BOS/VDS/CCTV Project)) | New project/ program service. |
| TM01 | Infrastructure-Based Traffic Surveillance (FDOT District 5 RTMC) | Converted name. |
| TM01 | Infrastructure-Based Traffic Surveillance (Lake County) | Converted name. |
| TM01 | Infrastructure-Based Traffic Surveillance (Marion County) | Converted name. |
| TM01 | Infrastructure-Based Traffic Surveillance (Orange County) | Converted name. |
| TM01 | Infrastructure-Based Traffic Surveillance (Osceola County) | Converted name. |
| TM01 | Infrastructure-Based Traffic Surveillance (Seminole County DMS and CCTV Replacement Project) | New project/ program service. |
| TM01 | Infrastructure-Based Traffic Surveillance (Seminole County) | Converted name. |
| TM01 | Infrastructure-Based Traffic Surveillance (Sumter County ATMS Project) | New project/ program service. |
| TM01 | Infrastructure-Based Traffic Surveillance (Sumter County) | Converted name. |
| TM01 | Infrastructure-Based Traffic Surveillance (Volusia County CCTV Expansion Project) | New project/ program service. |
| TM01 | Infrastructure-Based Traffic Surveillance (Volusia County TMC Relocation Project) | New project/ program service. |
| TM01 | Infrastructure-Based Traffic Surveillance (Volusia County) | Converted name. |
| TM02 | Vehicle-Based Traffic Surveillance (Brevard County / Lake County / Orange County) | Converted name. |
| TM02 | Vehicle-Based Traffic Surveillance (City of Orlando / CFX / Sumter County) | Converted name. |
| TM02 | Vehicle-Based Traffic Surveillance (FDOT District 5) | Converted name. |
| TM02 | Vehicle-Based Traffic Surveillance (FDOT Lake Mary Blvd CV Project) | New project/ program service. |
| TM02 | Vehicle-Based Traffic Surveillance (Osceola County / City of Ocala / Marion County) | Converted name. |
| TM02 | Vehicle-Based Traffic Surveillance (Seminole County) | Converted name. |
| TM02 | Vehicle-Based Traffic Surveillance (Volusia County / County and Local) | Converted name. |
| TM03 | Traffic Signal Control (Brevard County) | Converted name. |
| TM03 | Traffic Signal Control (City of Daytona Beach Smart Intersection Project) | Converted name. |
| TM03 | Traffic Signal Control (City of Daytona Beach) | Converted name. |
| TM03 | Traffic Signal Control (City of Maitland) | Converted name. |
| TM03 | Traffic Signal Control (City of Melbourne) | Converted name. |
| TM03 | Traffic Signal Control (City of Ocala) | Converted name. |
| TM03 | Traffic Signal Control (City of Orlando) | Converted name. |
| TM03 | Traffic Signal Control (City of Palm Coast) | Converted name. |
| TM03 | Traffic Signal Control (City of Winter Park) | Converted name. |
| TM03 | Traffic Signal Control (County and Local Traffic Control Systems) | Converted name. |
| TM03 | Traffic Signal Control (Daytona Area Detour and Event Management Project) | New project/ program service. |
| TM03 | Traffic Signal Control (Disney Traffic Operations Center) | Converted name. |
| TM03 | Traffic Signal Control (FDOT Active Arterial Management System (Brevard County Project) | New project/ program service. |
| TM03 | Traffic Signal Control (FDOT Active Arterial Management System (City of Melbourne) Project) | New project/ program service. |
| TM03 | Traffic Signal Control (FDOT Active Arterial Management System (City of Ocala Project) | New project/ program service. |
| TM03 | Traffic Signal Control (FDOT Active Arterial Management System (City of Orlando) Project) | New project/ program service. |
| TM03 | Traffic Signal Control (FDOT Active Arterial Management System (Lake County) Project) | New project/ program service. |
| TM03 | Traffic Signal Control (FDOT Active Arterial Management System (Maitland / Winter Park / Sumter) Project) | New project/ program service. |
| TM03 | Traffic Signal Control (FDOT Active Arterial Management System (Marion County) Project) | New project/ program service. |
| TM03 | Traffic Signal Control (FDOT Active Arterial Management System (Orange County) Project) | New project/ program service. |
| TM03 | Traffic Signal Control (FDOT Active Arterial Management System (Osceola County) Project) | New project/ program service. |
| TM03 | Traffic Signal Control (FDOT Active Arterial Management System (Seminole County) Project) | New project/ program service. |
| TM03 | Traffic Signal Control (FDOT Active Arterial Management System (Volusia County) Project) | New project/ program service. |
| TM03 | Traffic Signal Control (FDOT Adaptive Traffic Signal System Project) | New project/ program service. |
| TM03 | Traffic Signal Control (FDOT District 5 I-4 FRAME Project) | New project/ program service. |
| TM03 | Traffic Signal Control (FDOT District 5) | Converted name. |
| TM03 | Traffic Signal Control (Greenway Program) | New project/ program service. |
| TM03 | Traffic Signal Control (Lake County) | Converted name. |
| TM03 | Traffic Signal Control (Marion County) | Converted name. |
| TM03 | Traffic Signal Control (Orange County) | Converted name. |
| TM03 | Traffic Signal Control (Osceola County) | Converted name. |
| TM03 | Traffic Signal Control (Seminole County) | Converted name. |
| TM03 | Traffic Signal Control (Sumter County ATMS Project) | New project/ program service. |
| TM03 | Traffic Signal Control (Sumter County) | Converted name. |
| TM03 | Traffic Signal Control (Volusia County Adaptive Traffic Signal System Project) | New project/ program service. |
| TM03 | Traffic Signal Control (Volusia County TMC Relocation Project) | New project/ program service. |
| TM03 | Traffic Signal Control (Volusia County) | Converted name. |
| TM04 | Connected Vehicle Traffic Signal System (City of Daytona Beach Smart Intersection Project) | New project/ program service. |
| TM04 | Connected Vehicle Traffic Signal System (FDOT District 5 I-4 FRAME Project) | New project/ program service. |
| TM04 | Connected Vehicle Traffic Signal System (FDOT I-75 FRAME Ocala) | New project/ program service. |
| TM04 | Connected Vehicle Traffic Signal System (FDOT Lake Mary Blvd CV Project) | New project/ program service. |
| TM04 | Connected Vehicle Traffic Signal System (Osceola County) | New project/ program service. |
| TM04 | Connected Vehicle Traffic Signal System (PedSafe Program) | New project/ program service. |
| TM04 | Connected Vehicle Traffic Signal System (Seminole County SPAT Deployment) | New project/ program service. |
| TM05 | Traffic Metering (FDOT District 5 RTMC) | Converted name. |
| TM06 | Traffic Information Dissemination (Brevard County) | Converted name. |
| TM06 | Traffic Information Dissemination (CFX CCTV/DMS/VDS/Tolling Project) | New project/ program service. |
| TM06 | Traffic Information Dissemination (CFX) | Converted name. |
| TM06 | Traffic Information Dissemination (City of Daytona Beach) | Converted name. |
| TM06 | Traffic Information Dissemination (City of Melbourne) | Converted name. |
| TM06 | Traffic Information Dissemination (City of Ocala) | Converted name. |
| TM06 | Traffic Information Dissemination (City of Orlando DMS Expansion) | Converted name. |
| TM06 | Traffic Information Dissemination (City of Orlando) | Converted name. |
| TM06 | Traffic Information Dissemination (City of Palm Coast) | Converted name. |
| TM06 | Traffic Information Dissemination (City of Winter Park) | Converted name. |
| TM06 | Traffic Information Dissemination (Daytona Area Detour and Event Management Project) | New project/ program service. |
| TM06 | Traffic Information Dissemination (Disney Traffic) | Converted name. |
| TM06 | Traffic Information Dissemination (FDOT Active Arterial Management System (Brevard Count Project) | New project/ program service. |
| TM06 | Traffic Information Dissemination (FDOT Active Arterial Management System (City of Melbourne) Project) | New project/ program service. |
| TM06 | Traffic Information Dissemination (FDOT Active Arterial Management System (City of Ocala Project) | New project/ program service. |
| TM06 | Traffic Information Dissemination (FDOT Active Arterial Management System (City of Orlando) Project) | New project/ program service. |
| TM06 | Traffic Information Dissemination (FDOT Active Arterial Management System (Lake County) Project) | New project/ program service. |
| TM06 | Traffic Information Dissemination (FDOT Active Arterial Management System (Maitland / Winter Park / Sumter) Project) | New project/ program service. |
| TM06 | Traffic Information Dissemination (FDOT Active Arterial Management System (Marion County) Project) | New project/ program service. |
| TM06 | Traffic Information Dissemination (FDOT Active Arterial Management System (Orange County) Project) | New project/ program service. |
| TM06 | Traffic Information Dissemination (FDOT Active Arterial Management System (Osceola County) Project) | New project/ program service. |
| TM06 | Traffic Information Dissemination (FDOT Active Arterial Management System (Seminole County) Project) | New project/ program service. |
| TM06 | Traffic Information Dissemination (FDOT Active Arterial Management System (Volusia County) Project) | New project/ program service. |
| TM06 | Traffic Information Dissemination (FDOT Daytona Area DMS/BOS/VDS/CCTV Project) | New project/ program service. |
| TM06 | Traffic Information Dissemination (FDOT District 5 I-4 FRAME Project) | New project/ program service. |
| TM06 | Traffic Information Dissemination (FDOT District 5) | Converted name. |
| TM06 | Traffic Information Dissemination (FDOT I-75 FRAME Ocala Project) | New project/ program service. |
| TM06 | Traffic Information Dissemination (Lake County) | Converted name. |
| TM06 | Traffic Information Dissemination (Marion County) | Converted name. |
| TM06 | Traffic Information Dissemination (OCCC) | Converted name. |
| TM06 | Traffic Information Dissemination (Orange County) | Converted name. |
| TM06 | Traffic Information Dissemination (Osceola County) | Converted name. |
| TM06 | Traffic Information Dissemination (Seminole County DMS and CCTV Replacement Project) | New project/ program service. |
| TM06 | Traffic Information Dissemination (Seminole County) | Converted name. |
| TM06 | Traffic Information Dissemination (Sumter County) | Converted name. |
| TM06 | Traffic Information Dissemination (Volusia County TMC Relocation Project)) | New project/ program service. |
| TM06 | Traffic Information Dissemination (Volusia County) | Converted name. |
| TM07 | Regional Traffic Management (Brevard County / Lake County / Marion County) | Converted name. |
| TM07 | Regional Traffic Management (City of Ocala Integration Project) | New project/ program service. |
| TM07 | Regional Traffic Management (City of Orlando ATMS Upgrade Project) | New project/ program service. |
| TM07 | Regional Traffic Management (City of Orlando) | Converted name. |
| TM07 | Regional Traffic Management (Daytona Area Detour and Event Management Project) | New project/ program service. |
| TM07 | Regional Traffic Management (FDOT Daytona Area DMS/BOS/VDS/CCTV) | Converted name. |
| TM07 | Regional Traffic Management (FDOT Districts (1 of 2)) | Converted name. |
| TM07 | Regional Traffic Management (FDOT Districts (2 of 2)) | Converted name. |
| TM07 | Regional Traffic Management (FDOT Statewide ITS WAN/C2C Infrastructure) | Converted name. |
| TM07 | Regional Traffic Management (GreenWay Program) | New project/ program service. |
| TM07 | Regional Traffic Management (Orange County / City of Orlando) | Converted name. |
| TM07 | Regional Traffic Management (Seminole County / Volusia County) | Converted name. |
| TM08 | Traffic Incident Management System ((EM to EVS) (1 of 2)) | Converted name. |
| TM08 | Traffic Incident Management System ((EM to EVS) (2 of 2)) | Converted name. |
| TM08 | Traffic Incident Management System (Brevard County (TM to EM)) | Converted name. |
| TM08 | Traffic Incident Management System (Brevard County / County EOC (TM to EM)) | Converted name. |
| TM08 | Traffic Incident Management System (CFX (EM to MCM)) | Converted name. |
| TM08 | Traffic Incident Management System (City of Orlando (TM to MCM)) | Converted name. |
| TM08 | Traffic Incident Management System (Counties and Cities (EM to MCM)) | Converted name. |
| TM08 | Traffic Incident Management System (County and Local Traffic Control Systems (TM to EM)) | Converted name. |
| TM08 | Traffic Incident Management System (County Emergency Operations Center (TM to EM)) | Converted name. |
| TM08 | Traffic Incident Management System (County Traffic Management Centers (TM to MCM)) | Converted name. |
| TM08 | Traffic Incident Management System (Disney Traffic Operations Center (TM to EM)) | Converted name. |
| TM08 | Traffic Incident Management System (FDOT / County EOC (TM to EM)) | Converted name. |
| TM08 | Traffic Incident Management System (FDOT District 5 (EM to MCM)) | Converted name. |
| TM08 | Traffic Incident Management System (FDOT District 5 (TM to MCM)) | Converted name. |
| TM08 | Traffic Incident Management System (FDOT District 5 / County and City Roadway Maintenance) | Converted name. |
| TM08 | Traffic Incident Management System (FDOT District 5 I-4 FRAME Project) | New project/ program service. |
| TM08 | Traffic Incident Management System (FDOT District 5) | Converted name. |
| TM08 | Traffic Incident Management System (FDOT Districts) | Converted name. |
| TM08 | Traffic Incident Management System (FDOT Transportation EOC (TM to EM)) | Converted name. |
| TM08 | Traffic Incident Management System (FTE) | Converted name. |
| TM08 | Traffic Incident Management System (Lake County (TM to EM)) | Converted name. |
| TM08 | Traffic Incident Management System (Local Traffic Management Centers (TM to MCM)) | Converted name. |
| TM08 | Traffic Incident Management System (LYNX) | Converted name. |
| TM08 | Traffic Incident Management System (Marion County (TM to EM)) | Converted name. |
| TM08 | Traffic Incident Management System (Municipal Traffic Operation Centers (TM to EM)) | Converted name. |
| TM08 | Traffic Incident Management System (Orange County (TM to EM)) | Converted name. |
| TM08 | Traffic Incident Management System (Osceola County (TM to EM)) | Converted name. |
| TM08 | Traffic Incident Management System (Seminole County (TM to EM)) | Converted name. |
| TM08 | Traffic Incident Management System (Sumter County (TM to EM)) | Converted name. |
| TM08 | Traffic Incident Management System (Volusia County (TM to EM)) | Converted name. |
| TM09 | Integrated Decision Support and Demand Management (Daytona Area Detour and Event Management Project) | New project/ program service. |
| TM09 | Integrated Decision Support and Demand Management (FDOT District 5 Integrated Corridor Management) | Converted name. |
| TM10 | Electronic Toll Collection (CFX CCTV/DMS/VDS/Tolling Project) | New project/ program service. |
| TM10 | Electronic Toll Collection (CFX Data Analytics Project) | New project/ program service. |
| TM10 | Electronic Toll Collection (CFX) | Converted name. |
| TM10 | Electronic Toll Collection (E-PASS / FDOT Turnpike Enterprise – Reciprocity Network) | Converted name. |
| TM10 | Electronic Toll Collection (FDOT SELS) | New project/ program service. |
| TM10 | Electronic Toll Collection (Florida Statewide Tolling) | Converted name. |
| TM10 | Electronic Toll Collection (I-4 Express Lanes) | Converted name. |
| TM12 | Dynamic Roadway Warning (FDOT Wrong-Way Driving) | New project/ program service. |
| TM13 | Standard Railroad Grade Crossing (Brevard County / Lake County / Marion County) | Converted name. |
| TM13 | Standard Railroad Grade Crossing (City of Daytona Beach / City of Orlando / Osceola County) | Converted name. |
| TM13 | Standard Railroad Grade Crossing (City of Maitland / City of Melbourne / City of Ocala) | Converted name. |
| TM13 | Standard Railroad Grade Crossing (City of Winter Park / Local Traffic Control Systems) | Converted name. |
| TM13 | Standard Railroad Grade Crossing (FDOT) | Converted name. |
| TM13 | Standard Railroad Grade Crossing (Greenway Program) | New project/ program service. |
| TM13 | Standard Railroad Grade Crossing (Orange County / Seminole County / Volusia County) | Converted name. |
| TM14 | Advanced Railroad Grade Crossing (FDOT I-75 FRAME Ocala Project) | New project/ program service. |
| TM15 | Railroad Operations Coordination (Rail Operations Centers) | Converted name. |
| TM16 | Reversible Lane Management (FDOT District 5 RTMC) | Converted name. |
| TM17 | Speed Warning and Enforcement (Counties and Cities) | Converted name. |
| TM18 | Drawbridge Management (Brevard County Traffic Operations Center) | Converted name. |
| TM18 | Drawbridge Management (City of Daytona Beach TMC) | Converted name. |
| TM18 | Drawbridge Management (County and Local Traffic Control Systems) | Converted name. |
| TM18 | Drawbridge Management (Volusia County TMC) | Converted name. |
| VS01 | Autonomous Vehicle Safety Systems (LYNX AV Concept) | New project/ program service. |
| VS02 | V2V Basic Safety (CFX CAV Project) | New project/ program service. |
| VS02 | V2V Basic Safety (Commercial Vehicle Platooning) | New project/ program service. |
| VS02 | V2V Basic Safety (FDOT Lake Mary Blvd CV Project) | New project/ program service. |
| VS03 | Situational Awareness (CFX WWD Deployment Project) | New project/ program service. |
| VS03 | Situational Awareness (Commercial Vehicle Platooning) | New project/ program service. |
| VS12 | Pedestrian and Cyclist Safety (FDOT I-75 FRAME Ocala Project) | New project/ program service. |
| VS12 | Pedestrian and Cyclist Safety (PedSafe Program) | New project/ program service. |
| VS13 | Intersection Safety Warning and Collision Avoidance (FDOT Lake Mary Blvd CV Project) | Converted name. |
| VS13 | Intersection Safety Warning and Collision Avoidance (FDOT) | Converted name. |
| VS13 | Intersection Safety Warning and Collision Avoidance (Seminole County) | Converted name. |
| VS16 | Automated Vehicle Operations (LYNX AV Concept) | New project/ program service. |
| WX01 | Weather Data Collection (Brevard County / Orange County) | Converted name. |
| WX01 | Weather Data Collection (City of Daytona Beach / Osceola County) | Converted name. |
| WX01 | Weather Data Collection (City of Maitland / City of Melbourne) | Converted name. |
| WX01 | Weather Data Collection (City of Ocala / City of Winter Park) | Converted name. |
| WX01 | Weather Data Collection (County and Local Systems) | Converted name. |
| WX01 | Weather Data Collection (FDOT District 5) | Converted name. |
| WX01 | Weather Data Collection (Lake County / Marion County) | Converted name. |
| WX01 | Weather Data Collection (Seminole County / Volusia County) | Converted name. |
| WX02 | Weather Information Processing and Distribution (Counties and Cities) | Converted name. |
| WX02 | Weather Information Processing and Distribution (FDOT District 5 RTMC) | Converted name. |

Table 4 Stakeholder Input on Services

| **Service** | **Stakeholder Comment/Recommended Disposition** | **Action Taken** | |
| --- | --- | --- | --- |
| CVO12 (not CVO02) | HAZMAT data flows are existing. HAZMAT information from private vehicle fleets exists in a database at CO. This should be in their architecture not D5’s. | **Service was removed along with HAZMAT flows in RITSA. Adding HAZMAT content to SITSA is deferred to the SITSA Maintenance Phase.** |
| DM01 | ITS Data Warehouse (Central Florida Data Warehouse (1of 2) and (2 of 2). Remove these instances. | **These Services were removed since they are being replaced by SunStore.** |
| DM01 | Remove ITS Data Warehouse (FDOT Statewide OIS Enterprise Databases), (Lake-Sumter Data Archiving), (Local Archives (1 of 2)), (Local Archives (2 of 2)), (Ocala/Marion County TPO Archives), (Orange County Travel Time), (R2CTPO Data System), and (SCTPO Data System) | **These Services were removed since they are being replaced by SunStore.** |
| DM01 | ITS Data Warehouse (MetroPlan Transportation Data Collection System (1 of 2)) Remove all existing or planned connections to agencies not in MetroPlan area. Those include Brevard County,  City of Melbourne, City of Daytona Beach, City of Ocala, Lake County, Marion County TMC, and Volusia TMC. | **These elements and connections were removed.** |
| DM01 | ITS Data Warehouse (MetroPlan Transportation Data Collection System (2 of 2)) – Remove planned connections to Canaveral/Kennedy Space Port and Volusia County/Daytona Beach International Airport | **These elements and connections were removed.** |
| MC01 | Remove all instances of MC01 service package | **Removed, these were put in for World Congress and no longer exist.** |
| MC02 | Remove | **Removed, these were put in for World Congress and no longer exist.** |
| MC05 | Remove all instances of MC05 service package | **Removed, these were put in for World Congress and no longer exist.** |
| MC06 | Work Zone Management (Counties and Cities (1 of 3)) – Make this a generic one. So remove the 1 of 3 in title. All flows should be shown as planned. Data flows from field equipment to all the TMC’s. Field equipment tells us the status of the lane closure “work zone information” | **Removed all except generic Counties and Cities, these were put in for World Congress and no longer exist. It is planned to have a Smart Work zones project to implement this service in the future.** |
| MC06 | Remove Work Zone Management Counties and Cities (2 of 3), Work Zone Management Counties and Cities (3 of 3), Work Zone Management (FDOT District 5), and Work Zone Management (Orange County and City of Orlando) | **Removed, these were put in for World Congress and no longer exist. It is planned to have a Smart Work zones project to implement this service in the future.** |
| MC07 | Remove all instances of MC07. | **Removed, these were put in for World Congress and no longer exist. It is planned to have a Smart Work zones project to implement this service in the future.** |
| MC08 | Remove all instances of MC08 except (FDOT District 5 (1 of 4). | **Removed, these were put in for World Congress and no longer exist. It is planned to have a Smart Work zones project to implement this service in the future.** |
| MC08 | Maintenance and Construction Activity Coordination (FDOT District 5 (1 of 4) – Remove the “1 of 4” from title to make this a generic regional service package. Flows existing from Maintenance office to TMC, existing from TMC to CO 511, and the Counties and Cities should be planned to the D5 RTMC not directly to 511. | This is a large change to the structure of the architecture. Some of these Services have unique differences with enough variability (different agencies, flows and status values) to have us recommend we keep them for now.  **Removed, made updates to generic service, these were put in for World Congress and no longer exist. It is planned to have a Smart Work zones project to implement this service in the future.** |
| MC09 | Add a second MC09 that is FDOT D5 specific and is planned, Field to TMC, TMC to maintenance and construction. | **Added 1 service, only shows center to field interfaces for Field to RTMC, other service coordination flows handle communication between RTMC and FDOT D5 Construction and Maintenance.** |
| PM01 | Feed between COO and FDOT should be planned. Add UCF parking and say it’s existing to FDOT | **Flow already planned with FDOT. Added UCF stakeholder and UCF Parking element and existing parking information flow to FDOT.** |
| PM04 | Regional Parking Management (FDOT CV Parking) Remove CV from the title. Show as existing. (this is the TPAS parking system). | Changed to Regional Parking Management (FDOT Parking). |
| PM04 | Regional Parking Management (Parking Facility Operators) - Keep but connection to CO from Lynx should be planned not existing | **Added planned “parking information” connection between 511 and Lynx.** |
| PS01 | Emergency Call-Taking and Dispatch (Counties and Cities (1 of 2)) - Keep connection between engineering and public safety road network conditions planned. Traffic images from counties and cities to FDOT to County and City Public Safety to dispatch (this is existing iVDS). | **Updated service, added traffic images from County and Local Traffic Control Systems to FDOT District 5 RTMC.** |
| PS02 | Emergency Response (FDOT District 5 (EM to MCM)) - Incident command information coordination from D5 EOC to City and County EOC should be existing. | Change made. |
| PS03 | Create a special instance of PS03 for Seminole County. Should be broken out to show sheriff’s office with EVP instead of local fire. | **Created service, flows are existing.** |
| PS08 | Roadway Service Patrols (FDOT District 5) -- All flows should be updated to existing. | **Updated to existing** |
| PS08 | Roadway Service Patrols (LYNX) -- Lynx “Transportation Center” should be updated to the D5 RTMC that is where the data flows. | **Updated service** |
| PS09 | Transportation Infrastructure Protection (FDOT District 5 (1 of 2)) -- all flows are existing (This is the Bridge Security system) | **Updated to existing** |
| PS09 | Transportation Infrastructure Protection (FDOT District 5 (2 of 2)) -- Remove | **Service removed, flows covered by other services, removed “(1 of 2)” from other Transportation Infrastructure Protection service** |
| PS11 | Early Warning System (County EOCs (1 of 3)) -- Both flows to the FDOT CO TEOC should be show as existing. | **Changed status of flows to existing.** |
| PS12 | Is it possible to combine County EOCs 2 of 4 and 3 of 4? | **Added 3 of 4 to 2 of 4 by adding Brevard County Traffic Operations Center to the Disaster Response and Recovery (County EOCs 2 of 4) service, deleted the 3 of 4 service and renamed all Services since there are 3 now.** |
| PS12 | Disaster Response and Recovery (FDOT District 5 EOC) -- All flows here are existing | **Updated to existing** |
| PS13 | Evacuation and Reentry Management (Central Florida Traffic Management Agencies) -- Remove all the planned connections. Brevard County to FDOT D5 is existing. Why don’t we consolidate into City and County? City and County data existing to FDOT d5, and FDOT d5 existing connections to the ITSWAN | **Consolidated into one service, created County and City TMCs interfacing to FDOT D5 RTMC interfacing to ITSWAN.** |
| PS13 | Evacuation and Reentry Management (FDOT District 5) -- All flows should be existing | **Updated to existing** |
| PS14 | Disaster Traveler Information (County Emergency Operations Center) -- The interconnect and information flow diagrams are inconsistent with each other. The information flow diagram is the correct one. | **Updated to follow the flow diagram interfaces.** |
| PT01 | Transit Vehicle Tracking (LYNX) -- Transit schedule adherence information goes to FDOT D5 RTMC is does not go to FL 511. | **Updated service, removed interface to FL511, added existing transit schedule adherence information flow from LYNX Transportation Center to FDOT District 5 RTMC** |
| PT01 | Transit Vehicle Tracking (SCAT Transit) --  Transit schedule adherence information goes to FDOT D5 RTMC is does not go to FL 511. | **Updated service, removed interface to FL511, added existing transit schedule adherence information flow from SCAT Dispatch Center to FDOT District 5 RTMC** |
| PT01 | Transit Vehicle Tracking (Sumter County Transit) -- Transit schedule adherence information goes to FDOT D5 RTMC is does not go to FL 511. | **Updated service, removed interface to FL511, added existing transit schedule adherence information flow from Sumter County Transit Dispatch to FDOT District 5 RTMC** |
| PT01 | Transit Vehicle Tracking (SunRail) -- Transit schedule adherence information goes to FDOT D5 RTMC is does not go to FL 511. | **Updated service, removed interface to FL511, added existing transit schedule adherence information flow from SunRail Operations Control Center to FDOT District 5 RTMC** |
| PT01 | Transit Vehicle Tracking (SUNTRAN Transit) -- Transit schedule adherence information goes to FDOT D5 RTMC is does not go to FL 511. | **Updated service, removed interface to FL511, added existing transit schedule adherence information flow from SUNTRAN Transit Dispatch Center to FDOT District 5 RTMC** |
| PT01 | Transit Vehicle Tracking (Votran Transit) -- Transit schedule adherence information goes to FDOT D5 RTMC is does not go to FL 511. | **Updated service, removed interface to FL511, added existing transit schedule adherence information flow from Votran Transit Dispatch to FDOT District 5 RTMC** |
| PT02 | Transit Fixed-Route Operations (LakeXpress) -- Replace FDOT CO FL511 with FDOT D5 RTMC in all PT02 graphics. (This is GTFS) | **Updated Services, replaced transit and schedules information flow interface from FL511 with FDOT D5 RTMC.** |
| PT02 | Transit Fixed-Route Operations (SCAT Transit) –   * Remove Planned connection of the SCAT Dispatch Center to FL511 * Remove planned flows from FDOT D5 RTMC to SCAT dispatch center. * FDOT D5 connects to the county and City, SCAT should connect to them. | **Updated service to reflect flow corrections.** |
| PT07 | Transit Passenger Counting (LYNX) -- Should be planned | **Changed status to planned** |
| PT08 | Transit Traveler Information (Access LYNX Paratransit Vehicle) -- Change FL511 to planned | **Changed status to planned** |
| PT08 | Transit Traveler Information (LYNX On-Demand Transit) -- Change FL511 to planned | **Changed status to planned** |
| PT08 | Transit Traveler Information (Sumter County Transit) -- Change FL511 to planned | **Changed status to planned** |
| PT08 | Transit Traveler Information (SunRail) -- Change FL511 to planned; Add flow to D5 RTMC existing | **Updated service, transit fare and schedules flow planned to FL511 and existing to FDOT D5 RTMC.** |
| PT09 | Transit Signal Priority (I-RIDE) -- Remove | **Removed service.** |
| PT09 | Transit Signal Priority (LYNX (1 of 3)) -- Remove Maitland TMC; flow should be Transit Vehicle to City and County Field Equipment, Transit Vehicle to LYNX Transportation Center; LYNX Transportation Center to D5 TMC; D5 TMC to City and County TMC; City and County TMC to City and County Field Equipment | **Updated 1 service now called (LYNX), implemented all interfaces except D5 TMC to City and County TMC because TMC to TMC interfaces not a part of this service, added this interface to RITSA.** |
| PT09 | Transit Signal Priority (LYNX (2 of 3)) -- Remove | **Removed service.** |
| PT09 | Transit Signal Priority (LYNX (3 of 3)) -- Remove | **Removed service.** |
| PT09 | Transit Signal Priority (Sumter County Transit) -- Show all planned | **Changed status to planned** |
| PT09 | Transit Signal Priority (Votran Transit Dispatch) -- Show all planned | **Changed status to planned** |
| ST06 | HOV/HOT Lane Management (FDOT District 5 Express Lanes) -- Retitle this to Express Lanes – Make on-going flows | **Retitled, changed status of flows to on-going** |
| SU03 | Diagrams don’t show up for either instances of this service package. We were unable to review them. | **Diagram reference repaired** |
| SU03 Data Distribution (Private Sector ISPs (1 of 2)) | Shown in Report, but not on the Services web page. | **Diagram reference repaired** |
| SU03 Data Distribution (Private Sector ISPs (2 of 2)) | Shown in Report, but not on the Services web page. | **Diagram reference repaired** |
| TI01 | Broadcast Traveler Information (CFX Public Website) -- Flows should be existing | **Changed status to existing** |
| TI01 | Broadcast Traveler Information (FL511/Private Sector ISPs (1 of 3)) -- Parking and traffic information flows existing. Private ISP needs to be changed to ITSWAN. | **Consolidated; all parking and traffic flows are now existing, added ITSWAN but kept Private Sector Traveler Information Services as origin of some needed flows that go to FL511.** |
| TI01 | Broadcast Traveler Information (FL511/Private Sector ISPs (2 of 3)) -- Remove | **Removed service, renumbered service names.** |
| TI01 | Broadcast Traveler Information (FL511/Private Sector ISPs (3 of 3)) -- All flows should be planned. | **Changed all flow status to planned** |
| TI02 | Personalized Traveler Information (FL511) -- Isn’t this supposed to be in CO architecture as existing? | **This statewide service is in the SITSA, removed service.** |
| TI02 | Personalized Traveler Information (Private Sector Traveler Information Services / Mayday Service Center) -- Remove | **Removed service.** |
| TI02 | Personalized Traveler Information (Virtual Travel Planning (Outputs)) -- Remove | **Removed service.** |
| TI02 | Personalized Traveler Information (Virtual Travel Planning Center) -- Remove | **Removed service.** |
| TI04 | Infrastructure-Provided Trip Planning and Route Guidance (FL511) -- Remove this does not exist. | **Removed service.** |
| TI07 | In-Vehicle Signage (FDOT) -- Update flows to on-going | **Changed status to on-going** |
| TI07 | Can we generalize into Counties and Cities instead of just Seminole County and make the flows “on-going”? | **Updated service replacing Seminole County elements with County and City elements.** |
| TM01 | Keep the FDOT D5 RTMC, CFX, and RCID as individual instances of the service package. Then remove all the other individual agency versions of this service package. Make a new general instance for “Cities and Counties” that shows data flows: Field to TMC existing, TMC to RTMC existing, planned RTMC to FL511. | **Removed individual Services, added RTMC to new general “Cities and Counties” service and rerouted flows.** |
| TM02 | Vehicle-Based Traffic Surveillance (FDOT District 5) -- Interconnect Diagram and Information Flow diagram do not line up. The information flow is the correct one. | **Updated to follow the flow diagram interfaces.** |
| TM02 | Remove all existing instances except the FDOT District 5 one. Make a generalized “Cities and Counties” version that shows all data flows as planned. | **Removed individual Services, added RTMC to new general “Cities and Counties” service and rerouted flows.** |
| TM03 | Traffic Signal Control (City of Maitland) - Need to show an existing connection between City of Maitland field equipment and FDOT D5 RTMC. Traffic images, traffic detection, signal fault data, signal control status, video surveillance control, traffic detector control, signal system configuration, signal control plans, signal control device configuration, and signal control commands are all existing between Maitland field equipment and D5 RTMC. | **Updated service flow status to existing.** |
| TM03 | Traffic Signal Control (City of Orlando) – Remove the City of Orlando to FDOT D5 Field Equipment portion of the diagrams. | **Removed interconnect between City of Orlando and FDOT D5 Field Equipment.** |
| TM03 | Traffic Signal Control (City of Winter Park) - Need to show an existing connection between City of Winter Park field equipment and FDOT D5 RTMC. Traffic images, traffic detection, signal fault data, signal control status, video surveillance control, traffic detector control, signal system configuration, signal control plans, signal control device configuration, and signal control commands are all existing between Winter Park field equipment and D5 RTMC. | **Added existing flows between City of Winter Park Field Equipment and FDOT D5 RTMC.** |
| TM03 | Traffic Signal Control (County and Local Traffic Control Systems) – Remove the “Right-of-way request notification flow. Change all other data flows to “On-going” | **Removed right-of-way request notification flow, changed status of other flows to on-going.** |
| TM03 | Traffic Signal Control (Disney Traffic Operations Center) Diagrams – Rename to “RCID” instead of Disney Traffic Operations Center. | **Updated name and description** |
| TM03 | Traffic Signal Control (Sumter County) - Need to show an existing connection Sumter field equipment and FDOT D5 RTMC. Traffic images, traffic detection, signal fault data, signal control status, video surveillance control, traffic detector control, signal system configuration, signal control plans, signal control device configuration, and signal control commands are all existing between Sumter field equipment and D5 RTMC. | **Added existing flows between Sumter County Field Equipment and FDOT D5 RTMC.** |
| TM04 | Add a generic “Cities and Counties” instance of this service package showing all flows as planned. | **Added service, flows from other comments are all “on-going”.** |
| TM06 | Remove all existing instances of this service package. Make a new general one that shows “Cities and Counties” as planned. The Cities and Counties are not planned to connect to FL511 directly. The locals connect to D5 RTMC, D5 RTMC connects to FL511. | **This is not TM06, however removed any County and City connection to FL511.** |
| TM07 | Regional Traffic Management (Brevard County / Lake County / Marion County) – Remove | **Removed all TM07 instances.** |
| TM07 | Regional Traffic Management (FDOT Districts (2 of 2)) – Can we remove all the individual agencies beside FDOT D5 and make it a connection to general “Cities and Counties” TMC and show all data flows as on-going.  Architecturally, D5 RTMC services as the hub in a hub and spoke topology within the District to all the other local TMCs. | **Added generic County and City TMCs and flows with FDOT D5 RTMC.** |
| TM07 | Regional Traffic Management (Orange County / City of Orlando) - Remove | **Removed all TM07 instances.** |
| TM07 | Regional Traffic Management (Seminole County / Volusia County) -- Remove | **Removed all TM07 instances.** |
| TM12 | Dynamic Roadway Warning (FDOT Wrong-Way Driving) – Need to show existing connection to CFX field equipment to FDOT D5 RTMC also. RTMC operates both FDOT and CFX WWD systems. | **Updated service to include existing interfaces between the CFX Field Equipment and the FDOT D5 RTMC, changed flows to existing between FDOT D5 Field Equipment and the FDOT D5 RTMC for consistency.** |
| VS02 | Add a generic version of this for “Cities and Counties” with all flows planned. | **Added County and City VS02 service.** |
| WX01 | Remove all existing instances except “FDOT District 5”. Create a new generic version for “Cities and Counties” with the data flow from field equipment to city/county TMC as existing and the rest planned. | **Included County and City TMCs, all flows to/from are on-going except existing for TMC to/from Field Equipment.** |

## Current and New Projects in the Architecture

The projects were a primary source of discussion and review during the Review Meeting and the Stakeholder Workshop. Projects that are part of a larger deployment program, containing the same elements and interfaces, and are repeated over consecutive geographic segments or project phases, were generalized into a single project instance. This generalization constitutes the definition of one project architecture that will be used multiple times for different iterations of a deployed configuration. In the same vein, on-going projects that are implementing the same technology supporting the physical expansion of a system, such as a CCTV expansion, were also generalized as one project architecture definition. This has the benefit of reducing the complexity of the architecture and maintaining consistency across repetitive projects.

Projects that were identified as being completed, were folded into the District 5 RITSA. Projects that have not been completed but are going to be deployed, were noted as on-going. Projects that are no longer valid or being pursued, were removed. New projects were added as identified by stakeholders. The revisions received from stakeholder reviews for the current District 5 RITSA projects are provided in Table 5. New projects added to the RITSA are provided in Table 6.

Table 5 Current RITSA Projects

| **Project** | **Stakeholder Comment / Recommended Disposition** | **Action Taken** |
| --- | --- | --- |
| Active Arterial Management | Active Arterial Management - Design and Construction – Complete | For D5 RTMC to/from its field equipment changed “Field personnel equipment input” is an invalid flow and not added from project, added existing “field equipment status” and changed “traffic detector data” to existing. For D5 RTMC to/from Private Maint Contractors changed “incident information”, “transportation system status”, “equipment maintenance status” to existing, replaced “work orders\_ud” with existing “work plan coordination”. Removed project. |
| Active Arterial Management | Adaptive Signal Control on SR 482/US 441 - Complete | Project is complete. For D5 RTMC to/from its field equipment changed “signal control status”, “signal fault data”, “traffic images” and “signal control commands” to existing, added existing “equipment maintenance request” flow between D5 RTMC and Private Sector Traveler information Services. Removed project. |
| ATTAIN Central Florida | Is there a lead agency (FDOT?) for this that should be included in the name? Also is ATTAIN an acronym for something? | Yes, FDOT is lead, included this in description. ATTAIN itself isn’t an acronym but the ATT stands for Advanced Transportation Technology. |
| Brevard County 511 Plug-in | Brevard County 511 Plug-in - Complete | Project is complete. Changed “incident information flow” to existing. Removed project. |
| Brevard County ITS Phase 1b | Brevard County ITS Phase 1b – Complete. | Project is complete. Converted this project to “Brevard County ITS Phases”, flows that weren’t existing were changed to existing in the main RITSA. |
| Brevard County ITS Road Ranger | Brevard County ITS Road Ranger - Remove | Removed as the state has taken over. |
| Brevard County Transit Upgrade | Brevard County Transit Upgrade - Keep for now | Should be completed by the time the RITSA is updated; the project content will be reviewed for accuracy and completeness. Kept as Planned for now. |
| CFX CAV | Neither the Website nor the Database associate Roles and Responsibilities for this Project. This Project may need to be updated once the CO SCMS Architecture is finalized in the SITSA. | R&R’s and requirements added. Added Device Certification and Enrollment SP and added flows to Vehicle, Commercial Vehicle and CFX CAV Roadside Equipment. |
| CFX Wrong Way Driver Deployment | The Database is missing two Stakeholders for this project:   * Private Commercial Vehicle and Fleet Operators * Travelers | Added missing stakeholders |
| City of Daytona Beach Smart Intersection | No Intersection Interconnect Diagram. Should name be “Intersection***s***” | Added Interconnect diagram, changed name to plural Intersections. |
| City of Melbourne CCTV | Both the Website and the Database show multiple connections to elements not listed in the project inventory. Were these meant to be included? The information flow table adds:   * County EOC/Warning Points * FDLE Headquarters Wide Area Alert System * MetroPlan Transportation Data Collection System * National Hurricane Center Info System * National Weather Service * County and City Roadway Maintenance and Construction Systems * Brevard County Traffic Operations Center * County Fire EMS/Rescue Dispatch * FL511 * Private Sector Traveler Information Services * Local Agency Traveler Information System * SCAT Dispatch Center * SunStore * Newspapers, Radio, Television Station   Additionally, the Information Flows show items unrelated to the project description, such as:   * Alert notification * Alert status * Crash data ud * Environmental conditions data   Etc. | These were not meant to be included, the extraneous elements have been removed. |
| City of Melbourne CCTV | Why are there so many interconnected elements for this project as compared to other similar projects? And why do almost all of the inventory elements have no functions defined? (Yellow boxes) | The extra elements and their interfaces were not meant to be included, the extraneous elements have been removed. |
| City of Melbourne CCTV/VDS | Similar comment to City of Melbourne CCTV. | The extra elements and their interfaces were not meant to be included, the extraneous elements have been removed. |
| City of Melbourne CCTV/VDS | Why are there so many interconnected elements for this project as compared to other similar projects? And why do almost all of the inventory elements have no functions defined? (Yellow boxes) | The extra elements and their interfaces were not meant to be included, the extraneous elements have been removed. |
| City of Melbourne VDS | Similar comment to City of Melbourne CCTV. | The extra elements and their interfaces were not meant to be included, the extraneous elements have been removed. |
| City of Melbourne VDS | Why are there so many interconnected elements for this project as compared to other similar projects? And why do almost all of the inventory elements have no functions defined? (Yellow boxes). Other two projects have specific locations? How is this different than the CCTV/VDS project? Can locations be provided? | The extra elements and their interfaces were not meant to be included, the extraneous elements have been removed. This is just adding Vehicle Detection without CCTV. Locations aren’t required, it is up to the stakeholder whether to include them. |
| City of Ocala ASC | City of Ocala ASC - Remove | The Ocala Adaptive Signal Control System project was removed from service due to issues with the implementation. The architecture components directly related to the project were removed from the RITSA that were not a part of other projects. |
| City of Ocala Integration | The Database is missing Stakeholder County and City Traffic Engineering shown on the Website. | Added missing stakeholder |
| City of Orlando Airport Coordination | Can project name be more descriptive? | The names of the projects are usually provided by the stakeholder, agree it would be better to have a more descriptive name. Changed name to City of Orlando Airport Traveler Information. |
| City of Orlando ATMS Upgrade | City of Orlando ATMS Upgrade - Complete | Although complete, kept as there are plans for an ATMS expansion. |
| City of Orlando CCTV Expansion | City of Orlando CCTV Expansion – On-going | Changed project status to on-going. |
| City of Orlando DMS Expansion | City of Orlando DMS Expansion – On-going | Added new project. |
| City of Orlando DMS Expansion | Both the Database and the Website are missing Roles and Responsibilities for this project. | R&R’s and requirements added. |
| City of Orlando DMS Expansion | All yellow boxes; no inventory element have defined functions. | Functions and requirements have been defined so now the boxes will not be yellow. |
| City of Orlando Multimodal CV and Pedestrian Safety Solutions | Both the Database and the Website Interconnect diagrams show connections to additional elements: FDOT D5 RTMC, FDOT D5 Field Equipment, and Vehicle. These elements are not listed in under Inventory Tab on either the Database or Website. | Added elements to Inventory Tab. |
| City of Orlando Parking Management | City of Orlando Parking Management – On-going | Changed project status to on-going. |
| City of Orlando Travel Time System | City of Orlando Travel Time System - On-going  Project will include parking management. There is integration with District 5’s data lake (Bluetooth data) which already exists but not recognized; parking availability information will be added. Ultimately the parking integration will be added into the shared data with FDOT. | Added FDOT D5 RTMC, added parking management to City of Orlando TMC, added connected vehicle RSE to City of Orlando Field Equipment, included 3 parking flows to project, changed to on-going. |
| City of Orlando Travel Time System | Database includes Stakeholder “Travelers” not shown on the Website. The interfaces listed in both the Website and the Database include multiple Stakeholders and Inventory Elements not listed on the Stakeholder or Inventory tabs. Since the Functional Requirements and R&R refer only to collection of City of Orlando travel time data, all the connections shown may not be necessary for the architecture of this project, but SunStore may be needed. | “Travelers” removed from Stakeholders Tab, only elements needed are FDOT District 5 RTMC, City of Orlando TMC and City of Orlando Field Equipment. |
| City of Orlando Travel Time System | Check interconnect and information flow diagrams. Seems something is wrong. Why do almost all of the inventory elements have no functions defined? (Yellow boxes) | The extra elements and their interfaces were not meant to be included, the extraneous elements have been removed. |
| City of Orlando TSP Expansion | City of Orlando TSP Expansion – On-going | This project is covered by the Greater Orlando TSP project with transit signal priority and emergency vehicle preemption. Removed the City of Orlando TSP Expansion project. |
| D5-205 (Orange County Adaptive Signal System) | Project complete, remove | Removed |
| D5-208 (Orange County Adaptive Signal System) | Project complete, remove | Removed |
| Daytona Area Detour and Event Management | The interfaces listed in both the Website and the Database include multiple Stakeholders and Inventory Elements not listed on the Stakeholder or Inventory tabs. SunStore may be needed, but not sure about all the others, since the project is geographically constrained. Neither the Database nor Website include Roles and Responsibilities or functional requirements. | Corrected, only elements needed are FDOT District 5 RTMC, FDOT District 5 Field Equipment, City of Daytona beach TMC and City of Daytona Beach Field Equipment. R&R’s and requirements added. |
| Daytona Area Detour and Event Management | Can project name and/or description be more descriptive to understand what is being installed, CCTV, DMS, some sort of software, detection…? Why do almost all of the inventory elements have no functions defined? (Yellow boxes) and why are there so many? | The names of the projects are usually provided by the stakeholder, in this case the description was updated to better explain the details of this project. The extra elements and their interfaces were not meant to be included, the extraneous elements have been removed. |
| Daytona Area Smart Highway (DASH 1) | Daytona Area Smart Highway (DASH 1) - Project has no components in RAD-IT file, Remove | Removed. |
| Daytona Area Smart Highway (DASH 2) | Daytona Area Smart Highway (DASH 2) – Complete | Project is complete. Reviewed over a hundred flows and changed their status to Existing if Planned, Removed project. |
| District and MPO ITS and TSMO plans | FHWA is requesting copies of regional planning document be link to the RITSA website. Undetermined, yet, if FDOT will support this request since they are available from other sources. | Added LRTP links to resources tab along with TSM&O Plan. |
| FDOT Active Arterial Management System (Brevard County) | Neither the Website nor Database associate any Functional Requirements with this project. Neither the Website nor Database show Roles and Responsibilities. R&R may be listed on the Website R&R tab but not verified for this project. The interface drawings show the connection between FDOT D5 RTMC as “Planned”. This connection should be shown is “existing” or “on-going”. Connection from Agency TMC to Agency Field equipment is also shown as planned, please verify. | R&R’s and requirements added. Changed interfaces of FDOT District 5 RTMC to on-going. |
| FDOT Active Arterial Management System (Brevard County) | Description states “FL511, and via a website”. Is there a separate website other than FL511? Same for the others:   * FDOT Active Arterial Management System (City of Melbourne) * FDOT Active Arterial Management System (City of Ocala) * FDOT Active Arterial Management System (City of Orlando) * FDOT Active Arterial Management System (Lake County) * FDOT Active Arterial Management System (Maitland / Winter Park / Sumter) * FDOT Active Arterial Management System (Marion County) * FDOT Active Arterial Management System (Orange County) * FDOT Active Arterial Management System (Osceola County) * FDOT Active Arterial Management System (Seminole County)   FDOT Active Arterial Management System (Volusia County) | Removed “and via a website” since FL511 provides the website. |
| FDOT Active Arterial Management System (City of Melbourne) | Same comments as FDOT Active Arterial Management System (Brevard County) | R&R’s and requirements added. Changed interfaces of FDOT District 5 RTMC to on-going. |
| FDOT Active Arterial Management System (City of Ocala) | Same comments as FDOT Active Arterial Management System (Brevard County) | R&R’s and requirements added. Changed interfaces of FDOT District 5 RTMC to on-going. |
| FDOT Active Arterial Management System (City of Orlando) | Same comments as FDOT Active Arterial Management System (Brevard County) | R&R’s and requirements added. Changed interfaces of FDOT District 5 RTMC to on-going. |
| FDOT Active Arterial Management System (Lake County) | Same comments as FDOT Active Arterial Management System (Brevard County) | R&R’s and requirements added. Changed interfaces of FDOT District 5 RTMC to on-going. |
| FDOT Active Arterial Management System (Maitland / Winter Park / Sumter) | Neither Database nor Website associate Roles and Responsibilities or Functional Requirements to this Project. | R&R’s and requirements added. |
| FDOT Active Arterial Management System (Marion County) | Neither Database nor Website associate Roles and Responsibilities or Functional Requirements to this Project. Connection from FDOT D5 RTMC to FL511 should be changed to Existing. Please verify of connection between Marion County TMC and Field Equipment is Planned, could be existing. | R&R’s and requirements added. Since this is a project, flows should not be shown as existing, new information will be going to FL511. |
| FDOT Active Arterial Management System (Osceola County) | Neither the Database nor the Website associate Functional Requirements for this Project. Neither the Website nor the Database associate Roles and Responsibilities for this Project. Connection from FDOT D5 RTMC to FL511 should be changed to Existing. Please verify of connection between Agency TMC and Field Equipment is Planned, could be Existing. | R&R’s and requirements added. Since this is a project, flows should not be shown as existing, new information will be going to FL511. |
| FDOT Active Arterial Management System (Seminole County) | Same comments as FDOT Active Arterial Management System (Osceola County) | R&R’s and requirements added. Since this is a project, flows should not be shown as existing, new information will be going to FL511. |
| FDOT Active Arterial Management System (Volusia County) | Same comments as FDOT Active Arterial Management System (Osceola County) | R&R’s and requirements added. Since this is a project, flows should not be shown as existing, new information will be going to FL511. |
| FDOT Adaptive Traffic Signal System | Neither the Database nor the Website associate Functional Requirements for this Project. Neither the Website nor the Database associate Roles and Responsibilities for this Project. | R&R’s and requirements added. |
| FDOT Daytona Area DMS/BOS/VDS/CCTV | Neither the Database nor the Website associate Functional Requirements for this Project. Neither the Website nor the Database associate Roles and Responsibilities for this Project. Please verify status of connections, some may be Existing. | R&R’s and requirements added. Since this is a project, flows should not be shown as existing. |
| FDOT District 5 I-4 FRAME | Neither the Database nor the Website associate Functional Requirements for this Project. Neither the Website nor the Database associate Roles and Responsibilities for this Project. Please verify status of connections, some may be Existing. This Project may need to be updated once the CO SCMS Architecture is finalized in the SITSA. | Added R&R’s and requirements, since this is a project, flows should not be shown as existing, updated CO SCMS functionality and communication. |
| FDOT District 5 I-75 FRAME Ocala | Neither the Database nor the Website associate Functional Requirements for this Project. Neither the Website nor the Database associate Roles and Responsibilities for this Project. Please verify status of connections, some may be Existing. This Project may need to be updated once the CO SCMS Architecture is finalized in the SITSA. | Added R&R’s and requirements, since this is a project, flows should not be shown as existing, updated CO SCMS functionality and communication. |
| FDOT Lake Mary Blvd CV | Stakeholder “Travelers” is missing from the Database tab. Stakeholder FDOT CO is missing from the Database and Website. Inventory Elements and Interconnects for CAV Authorizing Center, CAV-ITS MAP Update, and FDOT SCMS are missing from both the Database and Website. Neither the Database nor the Website associate Functional Requirements for this Project. Neither the Website nor the Database associate Roles and Responsibilities for this Project. | Added “Travelers” and “FDOT CO”. R&R’s and requirements added. Updated with CAV functionality, Map Management, Security and Credentials Management and Device Certification and Enrollment. |
| FDOT SR 429 CCTV/DMS/MVDS/LVDS/Tolling | Spell out MVDS and LVDS. In one description in another RITSA it was spelled out Microwave VDS…? LVDS? | Changed project name and description to just “VDS”, it isn’t good practice to include the technologies involved. |
| Florida Statewide Tolling Customer Service Center | Florida Statewide Tolling Customer Service Center - Remove | Removed project, the project has been completed. Added the Florida Statewide Tolling CCSS (used to be named Florida Statewide Tolling Customer Service Center) inventory element and interfaces affecting the District 5 region. |
| Greater Orlando Transit Signal Priority | Greater Orlando Transit Signal Priority – Keep, Phase 1 and 2 complete, Phase 3 is in construction | Project’s phase 1 and 2 are complete, phase 3 in construction. Removed, this involves LYNX which will have its own new project for TSP. |
| Greater Orlando Transit Signal Priority | Greater Orlando Transit Signal Priority Phase 1 – Remove  Greater Orlando Transit Signal Priority Phase 2 – Remove  Greater Orlando Transit Signal Priority Phase 3 – Remove | Kept Phase 3 but renamed as the general Greater Orlando TSP project as on-going, removed project phases 1-3 |
| Greater Orlando Transit Signal Priority | Database is missing Stakeholders City of Orlando, County and City Public Safety Agencies, FDOT District 5, and LYNX. It appears the project is only expanding TSP in Orange and Seminole County. | Added stakeholders. |
| Greater Orlando Transit Signal Priority | “…and providing 10% for CEI.” can be removed from the project description.  “…also install 183 GPS on fire trucks.” Is this for EVP? Data flows indicate preemption data. Should this be included in the project title so it’s clear this is not just a TSP project? (This could be because EVP is existing, and the project is only adding new TSP?) | Removed part of the description, yes this project includes preemption, changed project name to Greater Orlando Signal Priority and Preemption, updated description. |
| GreenWay Program | Database is missing Stakeholders FDOT District 5 and Parking Facility Operators. Neither the Database nor the Website associate Functional Requirements for this Project. Neither the Website nor the Database associate Roles and Responsibilities for this Project. | Added stakeholders, this is a program which is a collection of projects, each project, not this program, will have R&R’s and requirements defined. |
| GreenWay Program | Should name include FDOT? Is this a district-wide project? Should specific location – cities/counties – be included? The SunRail Field and Wayside Equipment and SunRail Rail Vehicle element boxes in the diagrams don’t have a stakeholder name shown. | This is a program which is a collection of projects within the East Orlando area, updated description to include this. It involves a collection of agencies. Linked SunRail stakeholder to both SunRail Field and Wayside Equipment and SunRail Rail Vehicle elements. Stakeholder names will now show up on diagram. |
| I-4 Express Lanes | I-4 Express Lanes – Complete  I-75 from North US 27 to Alachua County Line – Complete  I-75 from SR 44 to North of US 27 – Complete  I-75 ITS Upgrades Phase 1 (I-75 from Hernando Co. Line to CR 470) – Complete  I-75 ITS Upgrades Phase 2(I-75 North from CR 470 to SR 91(Florida Turnpike)) – Complete  ITS Software Support – Complete  ITS Software Support Contract – Complete  ITS System Input Quality and Analysis (ITSIQA) Project - Complete | Project elements and flows are reflected in the regional ITS architecture then deleted the projects. |
| I-4 Ultimate Project | Old turbo program doesn’t work anymore. Can’t check the old architecture file. Can you confirm: I-4 Ultimate was this project in there and accepted as completed? Couldn’t find it in review. | Incorporated, added some missing additional flows, current planned flows changed to existing status. |
| Lake County ATMS Upgrade | Lake County ATMS Upgrade - Complete  Lake County TMC – Complete | Projects are complete. Flows inclusion and status were reflected in the regional ITS architecture then deleted the projects |
| Lake County CCTV | Lake County adding CCTV. | Already part of Lake County TSMO Phases project, did not create a new project. |
| Lake County TSMO Phase 1 | Lake County TSMO Phase 1 – Tavares  Lake County TSMO Phase 2 – Leesburg  Lake County TSMO Phase 3 - Lady Lake  Lake County TSMO Phase 4 – Clermont | Lake County TSM&O Phase 1 through 4 were combined into a generic project, Lake County TSMO Phases. |
| LYNX AV Concept | Stakeholder Private Commercial Vehicle and Fleet Operators is missing from the Database. In both the Database and Website, there are no Interconnects shown for Commercial Vehicle and Vehicle. There are no Roles and Responsibilities identified for this Project. There are no Functional Requirements identified for this project. | Added stakeholder, R&R’s and requirements added. Added Interconnects. |
| LYNX Fare Integration | There are no Roles and Responsibilities identified for this Project. There are no Functional Requirements identified for this project. | R&R’s and requirements added. |
| LYNX Trip Planning | There are no Roles and Responsibilities identified for this Project. There are no Functional Requirements identified for this project. | R&R’s and requirements added. |
| LYNX TSP/CAV | Stakeholders FDOT CO and FDOT District 5 are missing on the Database Stakeholder Tab. All Interconnects are shown as Planned, please check if some are Existing or On-going. There are no Roles and Responsibilities identified for this Project. There are no Functional Requirements identified for this project. | Added FDOT stakeholders. R&R’s and requirements added. All interfaces kept as planned. |
| LYNX Website Integration | Stakeholder County and City Public Safety Agencies is missing from the Database Stakeholders Tab. There are no Roles and Responsibilities identified for this Project. There are no Functional Requirements identified for this project. | Added stakeholder. R&R’s and requirements added. |
| LYNX Website Integration | SunRail Transit Station element box in the diagrams doesn’t have a stakeholder name shown. | Linked SunRail stakeholder to both SunRail Transit Station and SunRail Rail Vehicle (was also missing stakeholder name) elements. Stakeholder names will now show up on diagram. |
| Marion County ASC | Marion County ASC – Remove  Installing adaptive signal control (ASC) on SR 464. Marion County Adaptive Signal Control was installed and is in the process of being removed. | Project removed, flows are being used for other traffic signal functionality and communications in the RITSA. |
| MetroPlan ITS Master Plan | MetroPlan ITS Master Plan - Remove | Project removed. |
| Ocala ITS Countywide Marion County | Ocala ITS Countywide Marion County Project - Ongoing | Ocala ITS Countywide Marion County Project is ongoing; Bluetooth is implemented. Project status changed to on-going. |
| Ocala ITS Countywide Marion County | Ocala ITS Countywide Marion County Project installing Bluetooth, ADP Signal Control, wireless, transit signal priority (TSP). Remove TSP | Project kept and status changed to on-going. |
| Ocala ITS Countywide Marion County Project | Project name is confusing. Please verify it’s accurate. | The names of the projects are usually provided by the stakeholder, agree it would be better to have a less confusing name. The project is really two (City of Ocala and Marion County) separate on-going TMC deployments. Changed name to “Ocala and Marion County ATMS Deployment” with updated description. |
| Orange County Adaptive Signal System | Orange County Adaptive Signal System – On-going | Project status changed to on-going. |
| Orange County Adaptive Signal System | Diagram shows Vehicle element with vehicle situation data. Is this because of the Bluetooth readers? There are other Adaptive Signal projects that don’t include this element or data flow. There are also projects with Bluetooth installations that don’t include these. Verify and check for consistency. | The vehicle situation data flow and the Vehicle element would be removed since they imply CAV. However, this project has now been removed. |
| Orange County ATMS Phase 3 | Orange County ATMS Phase 3 – Project complete, remove | All flows checked and are existing in the RITSA, project removed. |
| Orange County ATMS Phase 4 | Orange County ATMS Phase 4 - Keep | Revised project description to add CCTV and fiber and layer 2 and 3 switches. Added planned flows for CCTV. |
| Osceola ATMS Expansion | Osceola ATMS Expansion - Keep | Construction of the ATMS Phase IV is underway. The project is installing fiber optic cable to serve more of the county. The project is also strategically placing ITS devices in areas that are lacking coverage. The RITSA project did not need any changes and was kept. |
| Osceola ATMS Expansion | Should project name be Osceola ***County*** ATMS Expansion? Flows are all shown as planned. Since description is expansion of current system should they be existing or ongoing? | The names of the projects are usually provided by the stakeholder, for better clarification, changed name to add “County”. |
| PedSafe Program | Inventory Element CAV-ITS Map Update System is not shown in the Interconnect diagram in either the Database or Website. There are no Roles and Responsibilities identified for this Project. There are no Functional Requirements identified for this project. | Added inventory element, this is a program which is a collection of projects, each project, not this program, will have R&R’s and requirements defined. |
| R2CTPO TSMO | R2CTPO TSMO Early Deployment – Keep  R2CTPO TSMO Phase 1 – East Volusia  R2CTPO TSMO Phase 2 – West Volusia  R2CTPO TSMO Phase 3 – Flagler | Kept the R2CTPO TSMO Early Deployment “project” but this is not really a project, it has 440 interconnects and 2857 flows, removed references to Lake County, kept the other 3 projects however R2CTPO TSMO Phase 3 – Flagler had no interfaces so we performed a build and selected flows patterned off of the Phase 1 and 2 projects and the Phase 3 description for the City of Palm Coast. |
| R2CTPO TSMO Early Deployment | Multiple Stakeholders are missing from the Database Stakeholder Tab. There are no Functional Requirements identified for this Project. | Added stakeholders. This is an early deployment which is a collection of projects, each project, not this early deployment, will have R&R’s and requirements defined. |
| R2CTPO TSMO Early Deployment Diagrams | Check interconnect and information flow diagrams. Seems something is wrong. | Revised information flow selections to clear non-project interfaces introduced in the original architecture development. |
| R2CTPO TSMO Phase 2 - West Volusia | Function Requirements listed on the Website under the Project Tab are for Lake County rather than Volusia County. There are no Functional Requirements identified for this project. | Updated to reflect Volusia County. |
| R2CTPO TSMO Phase 3 - Flagler | Function Requirements listed on the Website under the Project Tab are for Lake County rather than Volusia County. There are no Functional Requirements identified for this project. All the Functional Requirements as associated with FDOT District 5 which is neither a Stakeholder nor has any Inventory Elements identified in the Project. | Requirements now associated with City of Palm Coast. |
| Seminole County - Countywide ATMS - DMS Phase 1 | Seminole County - Countywide ATMS - DMS Phase 1 | Project is still planned, combined long with Seminole County Dynamic Message Sign (DMS) Expansion project into updated Seminole County DMS and CCTV Replacement project. |
| Seminole County Adaptive Traffic Signal System | Seminole County Adaptive Traffic Signal System – On-going | Kept, changed status to On-going. |
| Seminole County Bluetooth Expansion | Seminole County Bluetooth Expansion – On-going | Kept, changed status to on-going. |
| Seminole County CCTV Expansion | Seminole County CCTV Expansion – On-going  Seminole County DMS Expansion – On-going | Seminole County Dynamic Message Sign (DMS) Expansion will be changed to Replacement and CCTV will be added. CCTV Expansion project was removed. |
| Seminole County DMS and CCTV Replacement | Stakeholder FDOT District 5 is missing from the Stakeholders Tab in the Database. | Added stakeholder |
| Seminole County SPAT Deployment | Seminole County SPAT Deployment (Connected Vehicle Pilot on SR 434) | Agreement was reached that the project should be changed to Countywide, and the RITSA will show SPAT connections. These changes were incorporated. |
| Seminole Countywide SPAT Deployment (Connected Vehicle Pilot on SR 434) | Stakeholder Travelers is missing from the Stakeholders Tab in the Database. FDOT CO will need to be a Stakeholder to provide SCMS, etc. Project Inventory will need to include CAV Elements` such as MAP Update. Interface Diagram will need to include CAV Elements. Functional Requirements are missing. Roles and Responsibilities are incomplete. If Seminole County meant this architecture to send SPaT information from the TMC rather than from filed equipment, the SCMS and MAP comments do not apply, but the Interface and Flows will need to be updated. | Added Travelers and FDOR CO stakeholders, added MAP and SCMS along with corresponding SPs and R&R’s and requirements. |
| Seminole Countywide SPAT Deployment (Connected Vehicle Pilot on SR 434) | Change SPAT to SPaT in name and description.  Is there any interface with FDOT D5 RTMC or Seminole County TMC? This just shows vehicle and field equipment elements. | Updated Project |
| SR 406 Signal Upgrade | SR 406 Signal Upgrade - Complete | Project is complete. Existing signal flows already in RITSA, project removed. |
| SR 429 ITS | SR 429 ITS - Planned | Project is still planned. Changed name to FDOT SR 429 CCTV/DMS/MVDS/LVDS/Tolling. |
| SR 46 Adaptive Signal System | SR 46 Adaptive Signal System – Complete  SR 46 from International PKWY to Airport Blvd - Complete | Project is complete. Existing flows already in RITSA, projects removed. |
| SR 50 Adaptive Signal System | SR 50 Adaptive Signal System - Remove | SR 50 Adaptive Signal System is not Lake County and will be removed. |
| SR 520 Traffic Signal Upgrades | SR 520 Traffic Signal Upgrades status update. | Kept project, added FDOT to name, all flows are already in the RITSA. |
| Sumter County ATMS | The Interconnect and Flow Diagrams and Project Information Flows Table include a lot of Elements not identified on the Inventory Tab in either the Database or Website. Project is missing Roles and Responsibilities. Project is missing Functional Requirements. | The extra elements and their interfaces were not meant to be included, the extraneous elements have been removed. R&R’s and requirements added. |
| Sumter County ATMS | Check interconnect and information flow diagrams. Seems something is wrong. | The extra elements and their interfaces were not meant to be included, the extraneous elements have been removed. |
| Sunrail | Sunrail – Complete. | Project is complete. |
| SunRail | No stakeholder names in some SunRail elements boxes | Linked SunRail stakeholder to all SunRail elements. Stakeholder names will now show up on diagram. |
| US 17/92 Adaptive Signal System | US 17/92 Adaptive Signal System - Remove | Removed. |
| US 17/92 from Beresford to SR 472 | US 17/92 from Beresford to SR 472 (Adaptive Signal Control and Bluetooth) - Complete. | Project is complete. Existing signal flows already in RITSA, project removed. |
| US 27 ITS Deployment | US 27 ITS Deployment - Remove | Removed. |
| US 441 ITS Deployment Phase | US 441 ITS Deployment Phase 1 combine with  US 441 ITS Deployment Phase 2. | US 441 ITS Deployment phases will be combined as generic. Changed name to Lake County Adaptive Phases, removed US 441 ITS Deployment Phase 2. |
| US 92 Adaptive Signal System | US 92 Adaptive Signal System - Remove  FDOT US 92 from West of Tomoka Farms Rd to US 1 - Completed | Existing flows already in RITSA, projects removed. |
| Volusia County Adaptive Traffic Signal System | Roles and Responsibilities are missing. Functional Requirements are missing. | R&R’s and requirements added. |
| Volusia County CCTV Expansion | Roles and Responsibilities are missing. Functional Requirements are missing. | R&R’s and requirements added. |
| Volusia County Cities Fire Preemption | Roles and Responsibilities are missing. Functional Requirements are missing. | R&R’s and requirements added. |
| Volusia County Cities Fire Preemption | Should name include “…Fire ***Vehicle***…” Shouldn’t there be interconnects to a TMC or other center that monitors traffic signal operations? | The names of the projects are usually provided by the stakeholder, for better clarification, changed name to add “Vehicle”. In this case the preemption is just between the traffic signal and the fire vehicle, it is not necessary to show any centers. |
| Volusia County Park Parking Information | Roles and Responsibilities are missing. Functional Requirements are missing. | R&R’s and requirements added. |
| Volusia County TMC Relocation | Volusia County TMC Relocation – Remove “East” from beginning of name, change description to: Volusia County is relocating their maintenance facility which includes a traffic management center to a new location. The new location is near the intersection of US 92 & Indian Lake Rd on the south side of US 92. Site design and ROW acquisition are complete with construction starting in Spring 2020. CST time is ~ 18 months. - On-going | Changed name and description and status to On-going. |
| Volusia County TMC Relocation | Roles and Responsibilities are missing. Functional Requirements are missing. | R&R’s and requirements added. |
| Votran Passenger Count and Bus Arrival | The Database is missing the Stakeholder Votran. Roles and Responsibilities are missing. Functional Requirements are missing. | Changed stakeholder to Votran. |
| Votran Transit Priority | Roles and Responsibilities are missing. Functional Requirements are missing. | R&R’s and requirements added. |
| Wickham Road Signal Upgrade | Wickham Road Signal Upgrade – Complete. | Wickham Road Signal Upgrade project is complete. Existing flows already in RITSA, project removed. |

Table 6 New RITSA Projects

| **Project** | **Stakeholder Comment / Recommended Disposition** | **Action Taken** |
| --- | --- | --- |
| BtU Seg 1A Project | Add Express lanes project on I-4 (Interchanges: Osceola Parkway (County Road 522), U.S. 192, State Road 417, World Drive, State Road 429, Champions Gate Blvd (County Road 532) | Combined segments 1A, 1B and 2 covering southern area below Ultimate. |
| BtU Seg 1B & 2 Project | Add Express lanes project on I-4 (Interchanges: Daryl Carter Parkway, Apopka Vineland Road (State Road 535), World Center Drive (State Road 536),, Sand Lake Road (State Road 482), Beachline Expressway (State Road 528), Central Florida Parkway | Added project, combined segments 1A, 1B and 2 covering southern area below Ultimate. |
| BtU Seg 3 Project | Add Express lanes project on I-4 (Interchanges: U.S. 17-92, State Road 46, State Road 417/State Road 429 Wekiva Parkway, County Road 46A, Lake Mary Blvd. | Combined segments 3 and 4 covering northern area above Ultimate. |
| BtU Seg 4 Project | Add Express lanes project on I-4 (Interchanges: State Road 472, Rhode Island Ave, Saxon Boulevard, Dirksen Dr., St. Johns River Bridge | Added project, combined segments 3 and 4 covering northern area above Ultimate. |
| Connecting the East Orlando Communities | This project is a program and some components still planned. Connecting the East Orlando Communities is a project in FDOT District 5 that is comprised of three interrelated programs that connect through an on-going FDOT initiative SunStore. Those three interrelated programs are PedSafe, GreenWay and SmartCommunity. | Added PedSafe, GreenWay and SmartCommunity. |

## Agreements

The agreements added to the District 5 RITSA were reviewed and stakeholders provided inputs on the current list. Revisions to agreements and new agreements were added as noted in Table 7.

Table 7 Agreements

| **Agreement** | **Stakeholder Comment / Recommended Disposition** | **Action Taken** |
| --- | --- | --- |
| CCTV Agreement - FDOT D5 and Brighthouse News | Agreement to grant licensee the right to view and distribute the video images provided by FDOT CCTV cameras. | Agreement added |
| CCTV Agreement – FDOT D5 and Eyecast Corporation | Agreement to grant licensee the right to view and distribute the video images provided by FDOT CCTV cameras. | Agreement added |
| CCTV Agreement - FDOT D5 and MESH Networks | Agreement to grant licensee the right to view and distribute the video images provided by FDOT CCTV cameras. | Agreement added |
| CCTV Agreement - FDOT D5 and Orange County | Agreement to grant licensee the right to view and distribute the video images provided by FDOT CCTV cameras. | Agreement added |
| CCTV Agreement - FDOT D5 and Time Warner Telecom | Agreement to grant licensee the right to view and distribute the video images provided by FDOT CCTV cameras. | Agreement added |
| CCTV Agreement - FDOT D5 and Total Traffic and Weather Network | Agreement to grant licensee the right to view and distribute the video images provided by FDOT CCTV cameras. | Agreement added |
| CCTV Agreement - FDOT D5 and Transit Masters | Agreement to grant licensee the right to view and distribute the video images provided by FDOT CCTV cameras. | Agreement added |
| CCTV Agreement - FDOT D5 and WDBO-AM | Agreement to grant licensee the right to view and distribute the video images provided by FDOT CCTV cameras. | Agreement added |
| CCTV Agreement - FDOT D5 and WESH-TV | Agreement to grant licensee the right to view and distribute the video images provided by FDOT CCTV cameras. | Agreement added |
| CCTV Agreement - FDOT D5 and WFTV 9 | Agreement to grant licensee the right to view and distribute the video images provided by FDOT CCTV cameras. | Agreement added |
| CCTV Agreement - FDOT D5 and WOFL 35 | Agreement to grant licensee the right to view and distribute the video images provided by FDOT CCTV cameras. | Agreement added |
| Cisco IOT Proof of Concept | Statement of Work agreement allowing Cisco to demonstrate the capabilities of their IoT platform Kinetic Edge and Fog computing. | Agreement added |
| Network and CCTV Agreement – FDOT D5 and City of Daytona Beach | License agreement for the use of transportation data, network connection, and CCTV video sharing between both agencies. | Agreement added |
| Network and CCTV Agreement – FDOT D5 and City of Ocala | License agreement for the use of transportation data, network connection, and CCTV video sharing between both agencies. | Agreement added |
| D5 ITS/TSMO Consortium Agreement | Memorandum of Understanding establishing the Consortium group between D5 and local agency partners: FDOT D5, Seminole County, CFX, Palm Coast, FTE, Orange County, Volusia County, City of Orlando, City of Daytona Beach, Lynx, UCF, FHP Troop D, Osceola County, and Brevard County. | Agreement added |
| Network and CCTV Agreement – FDOT D5 and Marion County | License agreement for the use of transportation data, network connection, and CCTV video sharing between both agencies. | Agreement added |
| Network and CCTV Agreement – FDOT D5 and Lake County | License agreement for the use of transportation data, network connection, and CCTV video sharing between both agencies. | Agreement added |
| I-4 SMIS Agreement – FDOT D5 and Orange County | Sharing of existing and proposed fiber for communications between agencies. | Agreement added |
| Fiber Sharing Agreement | Supersedes the SMIS agreement and allows free sharing of excess fiber between agencies. | Agreement added |
| I-4 SMIS Agreement – FDOT D5 and Seminole County | Sharing of existing and proposed fiber for communications between agencies. | Agreement added |
| Network and CCTV Agreement – FDOT D5 and Sumter County | License agreement for the use of transportation data, network connection, and CCTV video sharing between both agencies. | Agreement added |
| Network and CCTV Agreement – FDOT D5 and Volusia County | License agreement for the use of transportation data, network connection, and CCTV video sharing between both agencies. | Agreement added |
| Cultural Attractions Variable Message Sign Operational Agreement – FDOT D5 and City of Orlando | Covers operations and maintenance terms for VMS sign for the Orlando Civic Attractions exit. | Agreement added |
| Canaveral Port Authority Changeable Message Sign Operational Agreement – FDOT D5 and Canaveral Port Authority | Covers operations and maintenance terms for DMS signs on SR 528 approaching Port of Canaveral. | Agreement added |
| Universal Hybrid Changeable Message Sign Operational Agreement – FDOT D5 and City of Orlando | Covers operations and maintenance terms for VMS sign for the Universal Studios exit on I-4. | Agreement added |
| State Law Enforcement, Florida Department of Transportation Collocation MOU – FDOT D5 and FHP | Memorandum of Understanding concerning mutual benefit to State Law Enforcement and FDOT in collocation of dispatch with TMC operations. | Agreement added |
| Shared Space Agreement – FDOT D5 and FHP | This is an agreement concerning sharing of space at the new RTMC in District 5 between FDOT D5 and FHP. | Agreement added |
| 511 Dialing Service Agreement | This is an agreement concerning the terms and conditions of Cingular Wireless LLC providing 511 dialing services for FDOT. | Agreement added |
| ITS Shared Communication and Operations Agreement – FDOT D5 and CFX | This agreement is about the sharing of communications and operations of the I-4 SMIS. | Agreement added |
| MOU Fiber Sharing – FDOT D5 and CFX | This is a memorandum of understanding for sharing of the fiber optic communication network for systemwide regional traveler information systems and traffic/incident management systems between CFX and FDOT. | Agreement added |
| Activu Agreement | This is an agreement between CFX and FDOT covering RTMC video wall controller equipment funding contribution and use of 24 single mode fibers on all existing and future CFX roadways by FDOT to support operation of CFX facilities by FDOT. | Agreement added |
| Use Agreement between FDOT and Orange County | This agreement covered the installation of equipment and devices for the 2011 ITS World Congress demonstration at the Orange County Convention Center. | Agreement added |
| Off System Agreement for PedSafe Greenway hardware deployment and the AV shuttle on UCF campus. | This agreement covers the installation of the 440821-1 equipment and the operations of the 440821-2 AV shuttle service on UCF campus right of way. | Agreement added |
| BlueTooth Low Energy Agreement | This agreement licenses the use of 8 FDOT bluetooth devices for a two-study period on UCF campus. | Agreement added |
| R-ICM License Agreement | This agreement covers the joint Regional Integrated Corridor Management operations between FDOT and Osceola County. | Agreement added |
| R-ICM License Agreement | This agreement covers the joint Regional Integrated Corridor Management operations between FDOT and Seminole County. | Agreement added |

## 

## Stakeholder Roles and Responsibilities

Stakeholder Roles and Responsibilities (R&R) were added for the District 5 RITSA projects. The list of roles and responsibilities is too voluminous to warrant practical display in this report. Table 8 provides a sample list of roles and responsibilities included in the District 5 RITSA.

Table 8 Sample List of Stakeholder Roles and Responsibilities

| **Stakeholder** | **Roles and Responsibility Description** |
| --- | --- |
| CFX | Control and coordinate highway traffic and lane control signals on CFX roadways. |
| CFX | Coordinate emergency plans, incident responses, and resources with the county EOC/warning points. |
| CFX | Coordinate evacuation and reentry plans with the county EOC/warning points. |
| CFX | Coordinate maintenance resources for incident response with the FDOT District 5 maintenance system, and county and city PWDs. |
| CFX | Coordinate maintenance resources for incidents with the FDOT District 5 maintenance and construction operations. |
| CFX | Coordinate threat information, such as surveillance or sensor data, with local traffic and emergency management agencies. |
| CFX | Perform network surveillance for detection and verification of incidents on CFX roadways. |
| CFX | Perform network surveillance for detection and verification of incidents on the streets surrounding the Disney parks, and send traffic/incident information and traffic images to the county sheriff, to local fire/EMS/police agencies, and the county EOC. |
| CFX | Provide incident information to CFX traffic, maintenance, and construction agencies, as well as regional ISPs. |
| CFX | Provide incident information to travelers using traffic information devices on Disney roads and through local ISPs. |
| CFX | Provide incident information to travelers using traffic information devices on roadways, such as DMS devices and HAR broadcasts, and through local ISPs and Web sites. |
| CFX | Provide traffic information in a coordination effort to the Florida 511 |
| CFX | Provide traffic information reports to and coordinate traffic with other regional traffic management agencies, including the FDOT District 5 RTMC. |
| CFX | Provide traffic information to local transit operations, including ACCESS LYNX paratransit and LYNX operations. |
| CFX | Provide traffic information to travelers using CFX DMS devices. |
| CFX | Provide traffic information to travelers using the CFX traveler information system and the media. |
| CFX | Receive a request for maintenance resources for incident response from the FDOT District 5 RTMC. |
| CFX | Receive AMBER Alerts and other wide area alert information from FDLE. |
| CFX | Receive AVL information from CFX construction and maintenance vehicles. |
| CFX | Receive incident information, incident response status, and resource requests from the county EOC/warning points. |
| CFX | Receive requests for maintenance resources for incident response from county fire/EMS agencies, the county sheriff, local police/fire/EMS agencies, the FHP, 911 emergency call centers, regional county EOCs, and the FDOT District 5 EOC. |
| City of Daytona Beach | Coordinate emergency plans, incident responses, and resources with the county EOC/warning points. |
| City of Daytona Beach | Coordinate emergency traffic signal control with the county EOC/warning points. |
| City of Daytona Beach | Coordinate evacuation and reentry plans with the county EOC/warning points. |
| City of Daytona Beach | Coordinate HRI signal adjustments, and provide track status information (e.g., blockage) to rail operators and local traffic operations. |
| City of Daytona Beach | Coordinate maintenance resources for incident response with county and city maintenance and construction systems. |
| City of Daytona Beach | Coordinate traffic information and traffic control with the FDOT District 5 RTMC. |
| City of Daytona Beach | Coordinate traffic information with Volusia County. |
| City of Daytona Beach | Obtain traffic images and traffic flow data from CCTVs and field sensors, and maintain operational control of its own field equipment. |
| City of Daytona Beach | Operate county and local drawbridge systems in conjunction with city signal systems. |
| City of Daytona Beach | Operate traffic signal systems, including CCTVs, signals, and sensors, for the City of Daytona Beach. |
| City of Daytona Beach | Perform network monitoring for detection and verification of incidents on city streets, and send traffic/incident information and traffic images to county fire/EMS/sheriff agencies, the FHP, the county EOC, and local fire/EMS/police agencies. |
| City of Daytona Beach | Provide emergency signal preemption for county and local fire/EMS agencies. |
| City of Daytona Beach | Provide incident information to travelers using traffic information devices on city streets, and through local ISPs, Web sites, and the local media. |
| City of Daytona Beach | Provide parking demand information to private/public parking facilities to determine parking capacity and traffic implications at the facility. |
| City of Daytona Beach | Provide traffic information and road network conditions to Votran transit operations. |
| City of Daytona Beach | Provide traffic information in a coordination effort to the Florida 511 |
| City of Daytona Beach | Provide traffic information to travelers using City of Daytona Beach DMS devices. |
| City of Daytona Beach | Provide traffic information to travelers using private companies; county and city public information systems; and the media. |
| City of Daytona Beach | Provide transit signal priority for regional transit providers using roadside devices. |
| City of Daytona Beach | Receive AMBER Alerts and other wide area alert information from FDLE. |
| City of Daytona Beach | Receive incident information, incident response status, and resource requests from the county EOC/warning points. |
| City of Maitland | Coordinate emergency plans, incident responses, and resources with the county EOC/warning points. |
| City of Maitland | Coordinate emergency traffic signal control with the county EOC/warning points. |
| City of Maitland | Coordinate evacuation and reentry plans with the county EOC/warning points. |
| City of Maitland | Coordinate HRI signal adjustments, and provide track status information (e.g., blockage) to rail operators and local traffic operations. |
| City of Maitland | Coordinate maintenance resources for incident response with county and city maintenance and construction systems. |
| City of Maitland | Obtain traffic images and traffic flow data from CCTVs and field sensors, and maintain operational control of its own field equipment. |
| City of Maitland | Operate traffic signal systems, including CCTVs, signals, and sensors, for the City of Maitland. |
| City of Maitland | Perform network monitoring for detection and verification of incidents on city streets, and send traffic/incident information and traffic images to county fire/EMS/sheriff agencies, the FHP, the county EOC, and local fire/EMS/police agencies. |
| City of Maitland | Provide emergency signal preemption for county and local fire/EMS agencies. |
| City of Maitland | Provide incident information to travelers using traffic information devices on city streets, and through local ISPs, Web sites, and the local media. |
| City of Maitland | Provide traffic information in a coordination effort to Florida 511 |
| City of Maitland | Provide traffic information to travelers using private companies; county and city public information systems; and the media. |
| City of Maitland | Provide transit signal priority for regional transit providers using roadside devices. |
| City of Maitland | Receive AMBER Alerts and other wide area alert information from FDLE. |
| City of Maitland | Receive incident information, incident response status, and resource requests from the county EOC/warning points. |
| City of Orlando | Coordinate emergency plans, incident responses, and resources with the county EOC/warning points. |
| City of Orlando | Coordinate emergency traffic signal control with the county EOC/warning points. |
| City of Orlando | Coordinate evacuation and reentry plans with the county EOC/warning points. |
| City of Orlando | Coordinate HRI signal adjustments, and provide track status information (e.g., blockage) to rail operators and local traffic operations. |
| City of Orlando | Coordinate maintenance resources for incident response with county and city maintenance and construction systems. |
| City of Orlando | Coordinate traffic information and traffic control with the FDOT District 5 RTMC. |
| City of Orlando | Coordinate traffic information with the City of Winter Park TOC, OCCC/IDRA operations, and the Orange County TMC. |
| City of Orlando | Obtain traffic images and traffic flow data from CCTVs and field sensors, and maintain operational control of its own field equipment. |
| City of Orlando | Operate traffic signal systems, including CCTVs, signals, and sensors, for the City of Orlando. |
| City of Orlando | Perform network surveillance for detection and verification of incidents on city streets and send traffic/incident information and traffic images to county fire/EMS/sheriff agencies, the FHP, the county EOC, and local fire/EMS/police agencies. |
| City of Orlando | Provide emergency signal preemption for county and local fire/EMS agencies. |
| City of Orlando | Provide incident information to travelers via traffic information devices on city streets and through local information service providers, websites, and the local media. |
| City of Orlando | Provide parking demand information to private/public parking facilities to determine parking capacity and traffic implications at the facility. |
| City of Orlando | Provide traffic information in a coordination effort to the Florida 511 |
| City of Orlando | Provide traffic information to local transit operations, including ACCESS LYNX paratransit and LYNX operations. |
| City of Orlando | Provide traffic information to travelers using City of Orlando DMS devices. |
| City of Orlando | Provide transit signal priority for regional transit providers using roadside devices. |
| City of Orlando | Receive AMBER Alerts and other wide area alert information from FDLE. |
| City of Orlando | Receive incident information, incident response status, and resource requests from the county EOC/warning points. |
| City of Orlando | Collect parking information from Private Parking Facility Operators. |
| City of Orlando | Collect vehicle probe data using roadside equipment, and calculate travel times. |
| City of Orlando | Provide Parking Information availability |
| Disney/Reedy Creek Improvement District | Coordinate emergency plans, incident responses, and resources with the county EOC/warning points. |
| Disney/Reedy Creek Improvement District | Coordinate emergency traffic signal control with county EOC/warning points. |
| Disney/Reedy Creek Improvement District | Coordinate evacuation and reentry plans with the county EOC/warning points. |
| Disney/Reedy Creek Improvement District | Coordinate traffic information and with the Orange County TMC. |
| Disney/Reedy Creek Improvement District | Obtain traffic images and traffic flow data from CCTVs and field sensors, and maintain operational control of its own field equipment. |
| Disney/Reedy Creek Improvement District | Operate traffic signal systems, including CCTVs, signals, and sensors, for the Disney parks and surrounding roads. |
| Disney/Reedy Creek Improvement District | Provide emergency signal preemption for county and local fire/EMS agencies. |
| Disney/Reedy Creek Improvement District | Provide traffic information and road network conditions to I-RIDE tourist shuttle operations. |
| Disney/Reedy Creek Improvement District | Provide traffic information in a coordination effort to Florida 511 |
| Disney/Reedy Creek Improvement District | Provide traffic information to travelers using Disney-owned DMS devices. |
| Disney/Reedy Creek Improvement District | Provide traffic information to travelers using private companies; county and city public information systems; and the media. |
| Disney/Reedy Creek Improvement District | Receive AMBER Alerts and other wide area alert information from FDLE. |
| FDOT District 5 | Collect environmental information from its own field equipment, and from public and private weather service providers. |
| FDOT District 5 | Collect traffic, incident, and transit schedule information, and provide it to the media and private travelers. |
| FDOT District 5 | Control and coordinate highway traffic, including reversible lanes, with lane control signals on FDOT freeways. |
| FDOT District 5 | Coordinate a maintenance or construction request from the FDOT District 5 RTMC. |
| FDOT District 5 | Coordinate and share traveler information with all other traveler information providers in the region. |
| FDOT District 5 | Coordinate emergency plans, incident responses, and resources with the county EOC/warning points. |
| FDOT District 5 | Coordinate emergency traffic signal control with the county EOC/warning points. |
| FDOT District 5 | Coordinate evacuation and reentry plans with the county EOC/warning points. |
| FDOT District 5 | Coordinate incident response and incident reports with the county sheriff, county fire/EMS agencies, county EOC, local police/fire/EMS agencies, the FHP, and other public safety agencies. |
| FDOT District 5 | Coordinate maintenance resources for incident response with the FDOT District 5 construction and maintenance systems, and the CFX construction and maintenance systems. |
| FDOT District 5 | Coordinate maintenance resources for incident response with the FDOT District 7 maintenance system, and county and city public works departments (PWDs). |
| FDOT District 5 | Coordinate maintenance resources for incidents with CFX construction and maintenance operations, and other FDOT District maintenance and construction operations. |
| FDOT District 5 | Coordinate the Vehicle Infrastructure Integration (VII) initiative with private vehicles using FDOT District 5 field equipment. |
| FDOT District 5 | Coordinate threat information, such as surveillance or sensor data, with local traffic and emergency management agencies. |
| FDOT District 5 | Coordinate traffic information and traffic control with other FDOT District TMCs. |
| FDOT District 5 | Coordinate traffic information and traffic control with CFX, Brevard, Orange, Osceola, and Volusia counties; and the cities of Daytona Beach and Orlando. |
| FDOT District 5 | Coordinate traffic information with the Seminole County Traffic Action Center (SEMTAC); Volusia County transportation management center (TMC); the City of Orlando; Orange and Brevard counties; and other FDOT District TMCs. |
| FDOT District 5 | Coordinate with city and county maintenance and construction systems, as well as other FDOT District maintenance and construction sections. |
| FDOT District 5 | Develop and coordinate regional emergency plans; evacuation and reentry plans; and disaster management plans with FDOT District 5 and other Districts. |
| FDOT District 5 | Distribute this environmental data to private weather providers, RTMCs, regional emergency management agencies, regional transit agencies, and county and city maintenance systems. |
| FDOT District 5 | Manage work zones on all FDOT maintenance and construction activities, and monitor work zone safety with FDOT field devices and vehicles. |
| FDOT District 5 | Monitor secure area sensors and report alert notifications to regional ISPs, FDOT maintenance systems, and regional emergency management agencies. |
| FDOT District 5 | Monitor secure area sensors and report alert notifications to the FDOT District 5 PIO, FDOT maintenance systems, and regional emergency management agencies. |
| FDOT District 5 | Obtain traffic images and traffic flow data from closed-circuit televisions (CCTVs) and field sensors, and maintain operational control of its own field equipment. |
| FDOT District 5 | Operate signalization and control of reversible lanes in coordination with FDOT District 7 and the Florida Highway Patrol (FHP) for evacuation purposes. |
| FDOT District 5 | Participate in incident response, coordination, and reporting for the regional incident and mutual aid network. |
| FDOT District 5 | Perform maintenance of FDOT-owned ITS field equipment. |
| FDOT District 5 | Perform network surveillance for detection and verification of incidents on freeways, and send traffic/incident information and traffic images to county fire/EMS/sheriff agencies, the FHP, the county EOC, and local fire/EMS/police. |
| FDOT District 5 | Provide incident information to travelers using traffic information devices on freeways, such as DMS devices and highway advisory radio (HAR) broadcasts, and through local information service providers (ISPs) and Web sites. |
| FDOT District 5 | Provide incident information to travelers via traffic information devices on freeways, such as DMS devices and HAR broadcasts, and through local ISPs and Web sites. |
| FDOT District 5 | Provide maintenance and construction information to the FDOT District 5 RTMC; regional maintenance and construction operations; and the traveling public using portable DMS devices. |
| FDOT District 5 | Provide maintenance and construction information to the traveling public using FDOT District 5 portable DMS devices. |
| FDOT District 5 | Provide parking demand information to private/public parking facilities to determine parking capacity and traffic implications at the facility. |
| FDOT District 5 | Provide regional state highway maintenance information on pavement maintenance and construction activities, including infrastructure monitoring activities. |
| FDOT District 5 | Provide traffic information and road network conditions to local emergency management providers, including local fire/EMS/police agencies, the FHP, and the county sheriff. |
| FDOT District 5 | Provide traffic information and road network conditions to LYNX transit operations. |
| FDOT District 5 | Provide traffic information in a coordination effort to the FDOT statewide center-to-center (C2C) information network and the central Florida TMC information network. |
| FDOT District 5 | Provide traffic information reports to other agencies, including other FDOT District TMCs. |
| FDOT District 5 | Provide traffic information to travelers using FDOT DMS devices. |
| FDOT District 5 | Provide traffic information to travelers using CFX DMS devices. |
| FDOT District 5 | Provide traffic information to travelers using Florida 511, private companies, and the media. |
| FDOT District 5 | Receive a request for maintenance resources for incident response from county fire/EMS agencies, the county sheriff, local police/fire/EMS agencies, the FHP, 911 emergency call centers, and the FDOT District 5 EOCs. |
| FDOT District 5 | Receive a request for maintenance resources for incident response from the FDOT District 5 RTMC. |
| FDOT District 5 | Receive America’s Missing: Broadcast Emergency Response (AMBER) Alerts and other wide area alert information from the FDLE. |
| FDOT District 5 | Receive automatic vehicle location (AVL) information from FDOT District 5 maintenance vehicles. |
| FDOT District 5 | Receive incident information, incident response status, and resource requests from the county EOC/warning points and from the FDOT District 5 EOC. |
| FDOT District 5 | The FDOT PIO and the FDOT District 5 maintenance system distributes work zone information to local transit agencies, local emergency management agencies, private rail operations, the media, and multimodal service providers. |
| FDOT District 5 | Vehicle provides automated maintenance status information to the FDOT District 5 operations center and FDOT District 5 equipment repair facility. |
| FDOT District 5 | Dispatch FDOT District 5 and CFX Road Ranger Service Patrols. |
| FDOT District 5 | Operate select traffic signal systems in the FDOT District 5 region. |
| FDOT District 5 | Collect vehicle probe information using roadside equipment and calculate travel times. |
| Local Agencies - Fire EMS/Rescue Departments | Coordinate emergency response with the county EOCs and county fire/EMS agencies. |
| Local Agencies - Fire EMS/Rescue Departments | Coordinate incident response and incident reports with the county sheriff, county fire/EMS agencies, county EOC, the FHP, local police, and other public safety agencies. |
| Local Agencies - Fire EMS/Rescue Departments | Coordinate incident response with other public safety agencies, including the local police, county sheriff, and the FHP. |
| Local Agencies - Fire EMS/Rescue Departments | Coordinate local fire/EMS resources for incident response with regional traffic agencies, including the FDOT, and county and city agencies. |
| Local Agencies - Fire EMS/Rescue Departments | Coordinate maintenance resources in response to incidents with county and city PWDs; CFX construction and maintenance systems; and the FDOT District 5 maintenance system. |
| Local Agencies - Fire EMS/Rescue Departments | Coordinate with regional medical centers regarding the status of care facilities and patients en route to medical centers. |
| Local Agencies - Fire EMS/Rescue Departments | Dispatch fire/EMS vehicles to incidents in the region. |
| Local Agencies - Fire EMS/Rescue Departments | Dispatch local fire/EMS vehicles to incidents in the jurisdiction |
| Local Agencies - Fire EMS/Rescue Departments | Participate in incident response, coordination, and reporting for the regional incident and mutual aid network. |
| Local Agencies - Fire EMS/Rescue Departments | Perform incident detection and verification for all streets in the region, and provide this information to traffic and other safety agencies. |
| Local Agencies - Fire EMS/Rescue Departments | Receive AMBER Alerts and other wide area alert information from FDLE. |
| Local Agencies - Fire EMS/Rescue Departments | Receive early warning information and threat information from the county EOC/warning points. |
| Local Agencies - Fire EMS/Rescue Departments | Receive emergency vehicle preemption from the counties of Brevard, Lake, Orange, Osceola, Seminole, and Volusia, as well as the cities of Daytona Beach, Melbourne, Maitland, Ocala, Orlando, and Winter Park, and Disney traffic signals. |
| Local Agencies - Fire EMS/Rescue Departments | Suggest routes to fire/EMS vehicles in response to emergencies and track EMS vehicles to incidents. |
| Local Agencies - Police Departments | Coordinate emergency response with the county EOCs, the FHP, and the county sheriff. |
| Local Agencies - Police Departments | Coordinate incident response and incident reports with the county sheriff, county fire/EMS agencies, the county EOC, the FHP, local fire/EMS agencies, and other public safety agencies. |
| Local Agencies - Police Departments | Coordinate incident response with other public safety agencies, including fire/EMS agencies, the county sheriff, and the FHP. |
| Local Agencies - Police Departments | Coordinate local police resources for incident response with regional traffic agencies, including the FDOT, and county and city agencies. |
| Local Agencies - Police Departments | Coordinate maintenance resources in response to incidents with county and city PWDs; CFX construction and maintenance systems; and the FDOT District 5 maintenance system. |
| Local Agencies - Police Departments | Coordinate regional emergency plans; evacuation and reentry plans; and disaster management plans. |
| Local Agencies - Police Departments | Coordinate with regional medical centers regarding the status of care facilities. |
| Local Agencies - Police Departments | Dispatch local police vehicles to incidents in the jurisdiction |
| Local Agencies - Police Departments | Dispatch local police vehicles to incidents in the region. |
| Local Agencies - Police Departments | Participate in incident response, coordination, and reporting for the regional incident and mutual aid network. |
| Local Agencies - Police Departments | Perform incident detection and verification for all streets in the region, and provide this information to traffic and other safety agencies. |
| Local Agencies - Police Departments | Perform incident detection and verification for streets in cities of the region. |
| Local Agencies - Police Departments | Receive AMBER Alerts and other wide area alerts information from the county EOC/warning points. |
| Local Agencies - Police Departments | Receive early warning information and threat information from the county EOC/warning points. |
| Local Agencies - Police Departments | Respond to transit emergencies/alarms on transit vehicles or at transit facilities for ACCESS LYNX, LYNX transit operations, VOTRAN transit operations, SCAT transit operations, I-RIDE transit operations, and school buses. |
| Local Agencies - Police Departments | Suggest routes to police vehicles in response to emergencies, and track police vehicles to incidents. |
| LYNX | (Inputs) Receive incident information, traffic information, weather information, and transit information from regional agencies. |
| LYNX | (Outputs) Provide real-time trip planning capabilities for transit riders based on real-time travel conditions and transit availability. |
| LYNX | Coordinate a transit security breach with local police and the county sheriff. |
| LYNX | Coordinate emergency plans with county EOCs, and provide emergency transit services for evacuations, fires, and disasters, including reentry. |
| LYNX | Coordinate multimodal connections for fixed-route transit vehicles with other regional transit agencies and multimodal service providers. |
| LYNX | Obtain traffic signal priority from Orange, Osceola, and Seminole counties; and the cities of Maitland, Orlando, and Winter Park using the respective roadside field equipment for all fixed-route transit vehicles. |
| LYNX | Provide a demand-responsive transit plan to users and travelers on the LYNX Web site. |
| LYNX | Provide automated transit maintenance scheduling for all transit vehicles using automated vehicle conditions reporting. |
| LYNX | Provide fixed-route and paratransit/demand-responsive transit services for the central Florida region. |
| LYNX | Provide operator instructions and receive schedule performance data from transit vehicles while in service. |
| LYNX | Provide transit passenger electronic fare payment on all fixed-route and ACCESS LYNX demand-response vehicles, including the ability to obtain a fare payment card through agency-owned transit kiosks or other kiosks. |
| LYNX | Provide transit schedule and fare information to the central Florida traveler information system, local agency traveler information systems, the LYNX transit Web site, and the LYNX virtual planning center. |
| LYNX | Provide transit security on all transit vehicles, and at transit terminals and other transit facilities, using silent alarms and surveillance systems. |
| LYNX | Provide transit traveler information on the LYNX Web site to local private sector traveler information services, the central Florida traveler information system, and the virtual travel planning center, as well as making it available on all demand-response |
| LYNX | Receive road network conditions from regional traffic management agencies. |
| LYNX | Receive work zone information and road network status from regional maintenance and construction agencies. |
| LYNX | Track and evaluate schedule performance on all LYNX fixed-route transit and ACCESS LYNX paratransit vehicles. |
| Orange County | Coordinate emergency plans, incident responses, and resources with the county EOC/warning points. |
| Orange County | Coordinate emergency traffic signal control with the county EOC/warning points. |
| Orange County | Coordinate evacuation and reentry plans with the county EOC/warning points. |
| Orange County | Coordinate HRI signal adjustments, and provide track status information (e.g., blockage) to rail operators and local traffic operations. |
| Orange County | Coordinate maintenance resources for incident response with county and city maintenance and construction systems. |
| Orange County | Coordinate traffic information and traffic control with the FDOT District 5 RTMC. |
| Orange County | Coordinate traffic information with the Lake County TOC; SEMTAC; the City of Orlando TMC; county and local traffic Control systems; the Disney TOC; the OCCC Osceola County TMC |
| Orange County | Obtain traffic images and traffic flow data from CCTVs and field sensors, and maintain operational control of its own field equipment. |
| Orange County | Operate traffic signal systems, including CCTVs, signals, and sensors, for Orange County. |
| Orange County | Perform network monitoring for detection and verification of incidents on county roads, and send traffic/incident information and traffic images to county fire/EMS/sheriff agencies, the FHP, the county EOC, and local fire/EMS/police agencies. |
| Orange County | Provide emergency signal preemption for county and local fire/EMS agencies. |
| Orange County | Provide incident information to travelers via traffic information devices on county roads and through local ISPs, Web sites, and the local media. |
| Orange County | Provide parking demand information to private/public parking facilities to determine parking capacity and traffic implications at the facility. |
| Orange County | Provide traffic information in a coordination effort to the Florida 511 |
| Orange County | Provide traffic information to local transit operations, including ACCESS LYNX paratransit and LYNX operations. |
| Orange County | Provide traffic information to travelers using Orange County DMS devices. |
| Orange County | Provide traffic information to travelers using private companies; county and city public information systems; and the media. |
| Orange County | Provide transit signal priority for regional transit providers using roadside devices. |
| Orange County | Receive AMBER Alerts and other wide area alert information from FDLE. |
| Orange County | Receive incident information, incident response status, and resource requests from the county EOC/warning points. |
| Orange County | Collect vehicle probe data using roadside equipment and calculate travel times. |
| Osceola County | Coordinate emergency plans, incident responses, and resources with the county EOC/warning points. |
| Osceola County | Coordinate emergency traffic signal control with the county EOC/warning points. |
| Osceola County | Coordinate evacuation and reentry plans with the county EOC/warning points. |
| Osceola County | Coordinate HRI signal adjustments, and provide track status information (e.g., blockage) to rail operators and local traffic operations. |
| Osceola County | Coordinate maintenance resources for incident response with county and city maintenance and construction systems. |
| Osceola County | Coordinate traffic information and traffic control with the FDOT District 5 RTMC. |
| Osceola County | Coordinate traffic information with the Orange County TMC. |
| Osceola County | Obtain traffic images and traffic flow data from CCTVs and field sensors, and maintain operational control of its own field equipment. |
| Osceola County | Operate traffic signal systems, including CCTVs, planned sensors, and existing signals, for Osceola County. |
| Osceola County | Perform network monitoring for detection and verification of incidents on county roads, and send traffic/incident information and traffic images to county fire/EMS/sheriff agencies, the FHP, the county EOC, and local fire/EMS/police agencies. |
| Osceola County | Provide emergency signal preemption for county and local fire/EMS agencies. |
| Osceola County | Provide incident information to travelers using traffic information devices on county roads, and through local ISPs, Web sites, and the local media. |
| Osceola County | Provide traffic information in a coordination effort to the Florida 511 |
| Osceola County | Provide traffic information to travelers using Osceola County DMS devices. |
| Osceola County | Provide traffic information to travelers using private companies; county and city public information systems; and the media. |
| Osceola County | Provide transit signal priority for regional transit providers using roadside devices. |
| Osceola County | Receive AMBER Alerts and other wide area alert information from FDLE. |
| Osceola County | Receive incident information, incident response status, and resource requests from the county EOC/warning points. |
| Osceola County | Collect traffic probe data from vehicles using roadside equipment |
| Seminole County | Coordinate emergency plans, incident responses, and resources with the county EOC/warning points. |
| Seminole County | Coordinate emergency traffic signal control with the county EOC/warning points. |
| Seminole County | Coordinate evacuation and reentry plans with the county EOC/warning points. |
| Seminole County | Coordinate HRI signal adjustments, and provide track status information (e.g., blockage) to rail operators and local traffic operations. |
| Seminole County | Coordinate maintenance resources for incident response with county and city maintenance and construction systems. |
| Seminole County | Coordinate traffic information for FDOT District 5; Orange County; and county and local traffic control systems (TCSs). |
| Seminole County | Obtain traffic flow data from field sensors, and maintain operational control of its own field equipment. |
| Seminole County | Operate traffic signal systems, including CCTVs, signals, and sensors, for Seminole County. |
| Seminole County | Perform network monitoring for detection and verification of incidents on county roads, and send traffic/incident information and traffic images to county fire/EMS/sheriff agencies, the FHP, the county EOC, and local fire/EMS/police agencies. |
| Seminole County | Provide emergency signal preemption for county and local fire/EMS agencies. |
| Seminole County | Provide incident information to travelers using traffic information devices on county roads and through local ISPs, Web sites, and the local media. |
| Seminole County | Provide traffic information in a coordination effort to the Florida 511 |
| Seminole County | Provide traffic information to local transit operations, including ACCESS LYNX paratransit and LYNX operations. |
| Seminole County | Provide traffic information to travelers using private companies; county and city public information systems; and the media. |
| Seminole County | Provide traffic information to travelers using Seminole County DMS devices. |
| Seminole County | Provide transit signal priority for regional transit providers using roadside devices. |
| Seminole County | Receive AMBER Alerts and other wide area alert information from FDLE. |
| Seminole County | Receive incident information, incident response status, and resource requests from the county EOC/warning points. |
| SunRail | Provide Parking Availability at SunRail station parking lots |

## Standards and Specifications

Standards and specifications were associated with the information flows in the District 5 RITSA. Table 9 provides a high-level list of standards that were added to the District 5 RITSA.

Table 9 High-Level List of Standards in the District 5 RITSA

| **Document ID** | **Standard Title** |
| --- | --- |
| APTA TCIP-S-001 | Standard for Transit Communications Interface Profiles |
| ASTM E2468-05 | Standard Practice for Metadata to Support Archived Data Management Systems |
| ASTM E2665-08 | Standard Specifications for Archiving ITS-Generated Traffic Monitoring Data |
| CEN - EN 15531-1 | Service Interface for Real-Time Information (SIRI) |
| Contact-Proximity-Interface | Proximity Communication Interface |
| DSRC-UDP | Vehicle-to-Vehicle/Infrastructure using UDP |
| DSRC-WSMP | Vehicle-to-Vehicle/Infrastructure using WSMP |
| GTFS | General Transit Feed Specification (GTFS) Static |
| GTFS-Realtime | General Transit Feed Specification (GTFS) Realtime |
| IEEE 1512 | Standard for Common Incident Management Message Sets for use by Emergency Management Centers |
| IEEE 1570 | Standard for the Interface Between the Rail Subsystem and the Highway Subsystem at a Highway Rail Intersection |
| IEEE 1609.11 | Standard for Wireless Access in Vehicular Environments (WAVE) - Over- the-Air Data Exchange Protocol for Intelligent Transportation Systems (ITS) |
| ISO 19091 | Intelligent transport systems -- Cooperative ITS -- Using V2I and I2V communications for applications related to signalized intersections |
| ITE TMDD | Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC) |
| NTCIP 1201 | Global Object Definitions |
| NTCIP 1202 | Object Definitions for Actuated Traffic Signal Controller (ASC) Units |
| NTCIP 1203 | Object Definitions for Dynamic Message Signs (DMS) |
| NTCIP 1204 | Object Definitions for Environmental Sensor Stations (ESS) |
| NTCIP 1205 | Object Definitions for Closed Circuit Television (CCTV) Camera Control |
| NTCIP 1207 | Object Definitions for Ramp Meter Control (RMC) Units |
| NTCIP 1208 | Object Definitions for Closed Circuit Television (CCTV) Switching |
| NTCIP 1209 | Data Element Definitions for Transportation Sensor Systems (TSS) |
| NTCIP 1210 | Field Management Stations (FMS) - Part 1: Object Definitions for Signal System Masters |
| NTCIP 1211 | Object Definitions for Signal Control and Prioritization (SCP) |
| NTCIP-DATEX | NTCIP using DATEX |
| NTCIP-SNMPv1 | NTCIP using SNMPv1 |
| NTCIP-SNMPv1 Secure | NTCIP-SNMPv1 Secure |
| NTCIP-SNMPv3 | NTCIP-SNMPv3 |
| NTCIP-STMP | NTCIP using STMP |
| ProtoBuf | ProtoBuf |
| RSE-C2F | RSE - Center to Field Communications |
| RSE-C2F-SNMP | RSE - Center to Field Communications - SNMP |
| RSE-F2F | Roadside Equipment to ITS Roadway Equipment |
| RSEGateway-VehicleDestination | Vehicle Communications via RSEs, Vehicle Destination |
| RSEGateway-VehicleSource | Vehicle Communications via RSEs, Vehicle Source |
| SAE J2354 | Message Set for Advanced Traveler Information System (ATIS) |
| SAE J2735 | Dedicated Short Range Communications (DSRC) Message Set Dictionary |
| SAE J2945/1 | On-Board System Requirements for V2V Safety Communications |
| SAE J3067 | Candidate Improvements to Dedicated Short Range Communications (DSRC) Message Set Dictionary [SAE J2735] Using Systems Engineering Methods |
| SRC-Legacy | Legacy Short Range Comm Using IEEE 1455 |
| Vehicle-On-Board | Vehicle-On-Board |
| WAB-Via-WAID | Wide-Area-Broadcast-Via-WAID |
| WAW-ASN1 | Wide Area Wireless using ASN.1 as encoding method |
| WAW-WWWBrowser-JSON | Wide Area Wireless using JSON as encoding method |
| WAW-XML | Wide Area Wireless using XML as encoding method |
| XML | eXtensible Markup Language |

## Requirements

Requirements were tailored for projects in the District 5 RITSA. The list of requirements is too voluminous to warrant practical display in this report. Table 10 provides a sample list of requirements included in the District 5 RITSA.

Table 10 Sample Requirements List

| **Element Name** | **Functional Object** | **Requirement** |
| --- | --- | --- |
| City of Ocala Field Equipment | Roadway Signal Control | The field element shall return traffic signal controller operational status to the center. |
| City of Ocala Field Equipment | Roadway Signal Control | The field element shall return traffic signal controller fault data to the center. |
| City of Ocala Field Equipment | Roadway Signal Control | The field element shall report the current signal control information to the center. |
| City of Ocala Field Equipment | Roadway Signal Control | The field element shall report current transit priority status to the center. |
| City of Ocala Field Equipment | Roadway Signal Control | The field element shall control traffic signals under center control. |
| City of Ocala TMC | TMC Signal Control | The center shall manage (define, store and modify) control plans to coordinate signalized intersections, to be engaged at the direction of center personnel or according to a daily schedule. |
| City of Ocala TMC | TMC Signal Control | The center shall manage boundaries of the control sections used within the signal system. |
| City of Ocala TMC | TMC Signal Control | The center shall remotely control traffic signal controllers. |
| City of Ocala TMC | TMC Signal Control | The center shall implement control plans to coordinate signalized intersections based on data from sensors. |
| City of Ocala TMC | TMC Signal Control | The center shall collect traffic signal controller fault data from the field. |
| City of Ocala TMC | TMC Signal Control | The center shall collect traffic signal controller operational status and compare against the control information sent by the center. |
| City of Ocala TMC | TMC Situation Data Management | The center shall collect traffic probe data from vehicles via roadside field equipment. |
| Marion County Field Equipment | Roadway Signal Control | The field element shall return traffic signal controller fault data to the center. |
| Marion County Field Equipment | Roadway Signal Control | The field element shall report the current signal control information to the center. |
| Marion County Field Equipment | Roadway Signal Control | The field element shall report current transit priority status to the center. |
| Marion County Field Equipment | Roadway Signal Control | The field element shall control traffic signals under center control. |
| Marion County Field Equipment | Roadway Signal Control | The field element shall return traffic signal controller operational status to the center. |
| Marion County Traffic Management Center | TMC Signal Control | The center shall manage (define, store and modify) control plans to coordinate signalized intersections, to be engaged at the direction of center personnel or according to a daily schedule. |
| Marion County Traffic Management Center | TMC Signal Control | The center shall manage boundaries of the control sections used within the signal system. |
| Marion County Traffic Management Center | TMC Signal Control | The center shall remotely control traffic signal controllers. |
| Marion County Traffic Management Center | TMC Signal Control | The center shall implement control plans to coordinate signalized intersections based on data from sensors. |
| Marion County Traffic Management Center | TMC Signal Control | The center shall collect traffic signal controller fault data from the field. |
| Marion County Traffic Management Center | TMC Signal Control | The center shall collect traffic signal controller operational status and compare against the control information sent by the center. |
| Marion County Traffic Management Center | TMC Situation Data Management | The center shall collect traffic probe data from vehicles via roadside field equipment. |

# Report Summary

This report documents the revisions to the District 5 RITSA as part of the major update activities. The District 5 RITSA Final Update has been posted to the FDOT Architecture Website for access by stakeholders. The FDOT Architecture Website includes access to the District 5 RITSA RAD-IT Database.

Stakeholders are encouraged to provide information about any changes that are necessary to the District 5 RITSA content as they are found. The ITS Architecture Change Request Form can be found on the Florida ITS Architecture website under the Resources tab.