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|  | Florida ITS Architecture Support and Maintenance Project  District 1 Update Report  (ARC-IT Version 9.3) |

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# Introduction

This Architecture Update Report for the Florida District 1 Regional Intelligent Transportation System (ITS) Architecture (RITSA) identifies the revisions incorporated into the architecture. Revisions made to the District 1 RITSA are documented in this report to support Stakeholder input received through Architecture Change Requests as part of the Florida ITS Architecture Support and Maintenance Project.

The Florida ITS Architecture Support and Maintenance Project included the initial major update of the Statewide ITS Architecture (SITSA) and seven RITSAs. Following the major update phase, periodic updates are executed to maintain the architecture content. 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

# Description of Changes

Five maintenance log items were addressed in the update. Table 1 provides descriptions for each change request that was implemented in the architecture update. A log reference number is provided for each change to relate it to the Architecture Maintenance Log that is provided in Appendix A. Each architecture change that is received is added to the maintenance log for tracking and disposition.

Information about stakeholders, elements, and services is provided to summarize the changes. Some architecture components such as interfaces, roles and responsibilities, functional requirements and standards are numerous and can be reviewed on the architecture website or in the Regional Architecture Development for Intelligent Transportation (RAD-IT) software tool to explore the details of each project.

Table 1. Architecture Updates

| **Change** | **Log Ref #** | **Actions Taken / Changes Implemented** |
| --- | --- | --- |
| City of Sarasota Fiber Optic Cable Expansion: In Design | 184 | Changed the Status for City of Sarasota Fiber Optic Cable Expansion Project from planned to on-going. |
| City of Sarasota Fiber Optic Cable Expansion: In Construction | 185 | Change Request is duplicate of #184 but the project is In Construction; follow #184 disposition. |
| City of Sarasota CAV Project: Complete | 186 | Changed the Status for City of Sarasota CAV Project from planned to on-going and merged it into the RITSA. |
| Stakeholder Addition: City of Holmes Beach - The City of Holmes Beach has three signals on the state highway system and one local traffic signal that are existing in the Manatee County system and will now be maintained by the City of Holmes Beach | 189 | * Added Stakeholder:   + City of Holmes Beach stakeholder. * Added Elements:   + City of Holmes Beach Traffic Control equipment.   + City of Holmes Beach Traffic Signal Control System. * Added Services:   + TM03 Traffic Signal Control (City of Holmes Beach). * Added User Needs. * Added Roles and Responsibilities. * Added Functional Requirements. * Added Interfaces. |
| Stakeholder List changes: add Mike Campbell, Mo Siriam, and Josh Crosby to your District 1 Stakeholder list for outreach. | 190 | No change to architecture. Stakeholders added to the District 1 RITSA Stakeholder list. |
| City of Sarasota ATMS Network Switches communications element added. | - | * City of Sarasota ATMS Network Switches Communications element added to the following triples:   + City of Sarasota Traffic Control Equipment → mixed use safety warning control → City of Sarasota TMC   + City of Sarasota TMC → mixed use safety warning control → City of Sarasota Traffic Control Equipment |

Appendix A: Architecture Maintenance Log (District 1 RITSA)

The maintenance log in Table 2 provides the District 1 RITSA maintenance items considerations for the update.

Table 2. Architecture Maintenance Log (District 1 RITSA)

| **#** | **Date** | **Architecture** | **Source** | **Contact** | **Change** | **Disposition** | **Recommend Maintenance** | **Incorporated** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 184 | 7/31/2024 | D1 RITSA | Change Request Form: City of Sarasota | Nikesh Patel & Dennis Hughes / City of Sarasota | City of Sarasota Fiber Optic Cable Expansion: In Design | Existing project in D1 RITSA: City of Sarasota Fiber Optic Cable Expansion; change project status from planned to on-going | Yes | Yes |
| 185 | 7/31/2024 | D1 RITSA | Change Request Form: City of Sarasota | Nikesh Patel & Dennis Hughes / City of Sarasota | City of Sarasota Fiber Optic Cable Expansion: In Construction | Change Request is duplicate of #184 but the project is In Construction; follow #184 disposition | Yes | Yes |
| 186 | 7/31/2024 | D1 RITSA | Change Request Form: City of Sarasota | Nikesh Patel & Dennis Hughes / City of Sarasota | City of Sarasota CAV Project: Complete | City of Sarasota CAV Project has been completed (Summer 2024); Change project status to existing along with all project components and merge into D1 RITSA | Yes | Yes |
| 189 | 7/8/2024 | D1 RITSA | Change Request Form: City of Holmes Beach | Sage Kamiya / City of Holmes Beach | Stakeholder Addition: City of Holmes Beach - The City of Holmes Beach has three signals on the state highway system and one local traffic signal that are existing in the Manatee County system and will now be maintained by the City of Holmes Beach | Revise stakeholder and inventory as requested; Apply TM03 Traffic Signal Control with inventory elements | Yes | Yes |
| 190 | 6/12/2024 | D1 RITSA | Email Request | Michael Carnevale / City of Winter Haven | Stakeholder List changes: add Mike Campbell, Mo Siriam, and Josh Crosby to your District 1 Stakeholder list for outreach. | Add City of Winter Haven names to D1 stakeholder distribution list. No architecture change required. | No | Yes, into stakeholder distribution list |