



Regional Information Session
Afternoon | 1:00 PM – 3:00 PM
Strategic Intermodal System (SIS)





SIS 2050 Cost Feasible Plan (CFP)

Gerald Goosby, SIS Planning Manager



HISTORY OF THE SIS

- 2000** The 2000 FTP, developed by FDOT with input from more than 30 statewide partners, calls for development of the SIS.
- 2002** A 41-member Steering Committee issues final report to the Governor, Legislature, and Secretary of Transportation with recommendations for creating the SIS.
- 2003** Governor signs legislation formally creating the SIS and adopting the designation policies recommended by the Steering Committee.
- 2004** Legislation makes all SIS facilities eligible for state transportation funding and identifies revenue sources for annual SIS funding; initial SIS projects funded.
- 2005** FDOT submits initial SIS Strategic Plan to Governor and Legislature; legislation authorizes use of a portion of documentary stamp proceeds to provide additional funding for SIS projects supporting growth management goals and directs FDOT to evaluate the connectivity between the SIS and military facilities and the impact of SIS investments on military facilities.
- 2006** FDOT completes first SIS Multimodal Unfunded Needs Plan.
- 2007** Legislation clarifies SIS designation processes, expands the potential role of public-private partnerships, and adds criteria for general aviation airports serving as relievers to SIS airports.
- 2009** FDOT completes first SIS Cost Feasible Plan.
- 2010** FDOT updates the SIS Strategic Plan, which creates new designation criteria for urban fixed guideway transit corridors and terminals, military access facilities, and hub-to-hub connectors.
- 2011** Legislation directs the SIS to identify existing or planned facilities that significantly improve the state's competitive position to compete for the movement of additional goods into and through the state.
- 2012** Legislation directs the SIS to include criteria for designating Intermodal Logistics Centers (ILCs).
- 2016** FDOT renames the SIS Strategic Plan as the SIS Policy Plan and realigns its update schedule to follow the update of the FTP in 2015, with guidance from the Steering Committee.
- 2022** FDOT updates the SIS Policy Plan to strengthen direction for redefining capacity, increasing flexibility in how the SIS is implemented, and improving the balance between statewide and regional needs and priorities.

SIS Overview

- Created in 2003 by the Governor and Legislature to focus the state's limited transportation resources on facilities most significant for interregional, interstate, and international travel.
- The SIS represents Florida's network of high priority transportation facilities important to the state's economy.

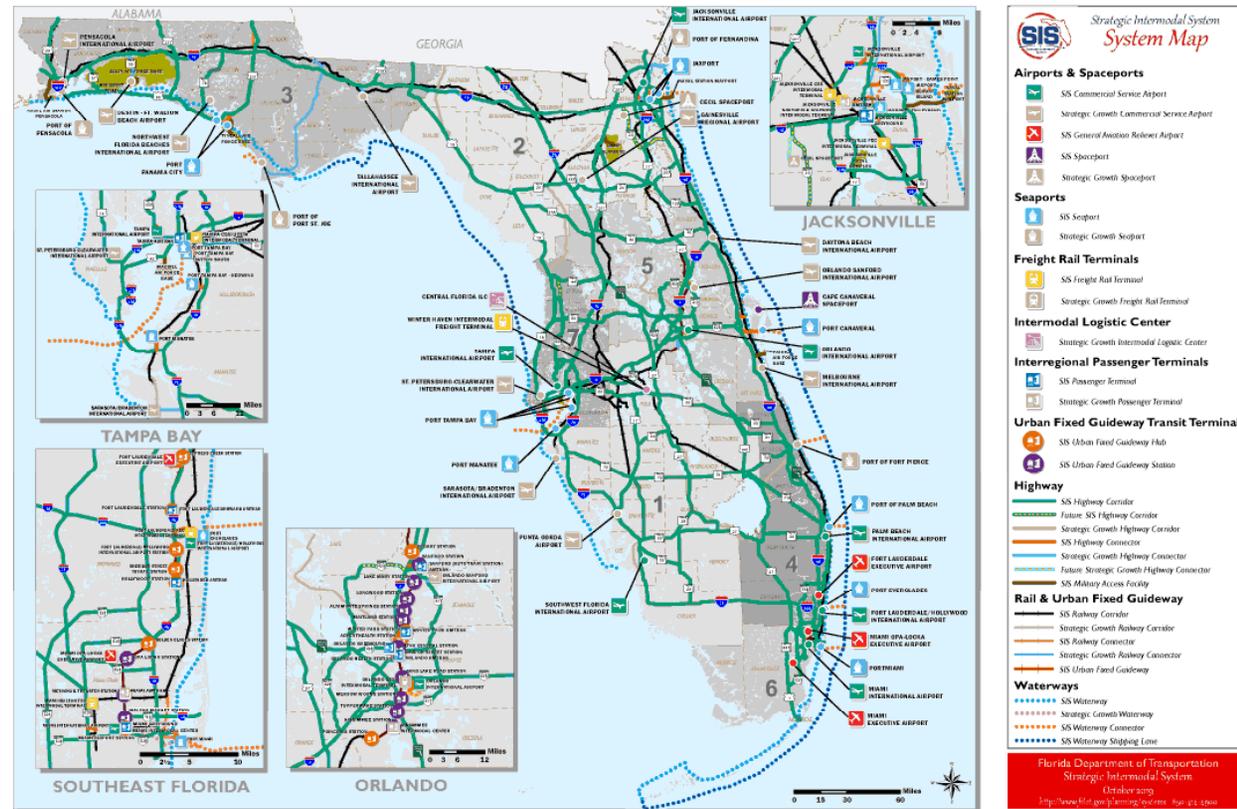
SIS Overview

The SIS includes three types of facilities:

- Hubs
- Corridors
- Connectors

The SIS is comprised of:

- SIS
- Strategic Growth



SIS Planning and Programming

SIS Funding Strategy

1st Five Year Work Program

- Funded (year 1)
- Programmed for funding (years 2-5)

2nd Five Year Plan

Planned for funding (years 6-10)

Cost Feasible Plan

Considered financially feasible (years 11-25)

Multi-Modal Unfunded Needs Plan (MMUNP)

Transportation projects that meet mobility needs, but where funding is not expected to be available during the 25-year time period of the SIS Funding Strategy.



Long-Range Planning

Purpose of SIS CFP Update

- Ensure consistency with the goals of the Florida Transportation Plan (FTP) and the objectives of the SIS Policy Plan.
 - Evaluate the SIS needs considering future revenues.
 - Develop a phased plan for cost feasible improvements.
 - Meet statutory requirement of Chapter 339.64(4)(d), F.S.
-

SIS 2050 CFP Update

The 2050 CFP will reflect:

- Projects deferred during the last Work Program Development Cycle.
 - Remaining project phases from the SIS 2045 CFP.
 - Projects advanced from the *SIS 2045 Multi-Modal Unfunded Needs Plan*.
 - New projects identified by Executive Management, FDOT Districts and MPOs as priorities.
-

SIS 2050 CFP Update

Four (4) Funding Bands:

Band A – 2032/33 – 2034/35 (3 years)

Band B – 2035/36 – 2039/40 (5 years)

Band C – 2040/41 – 2044/45 (5 years)

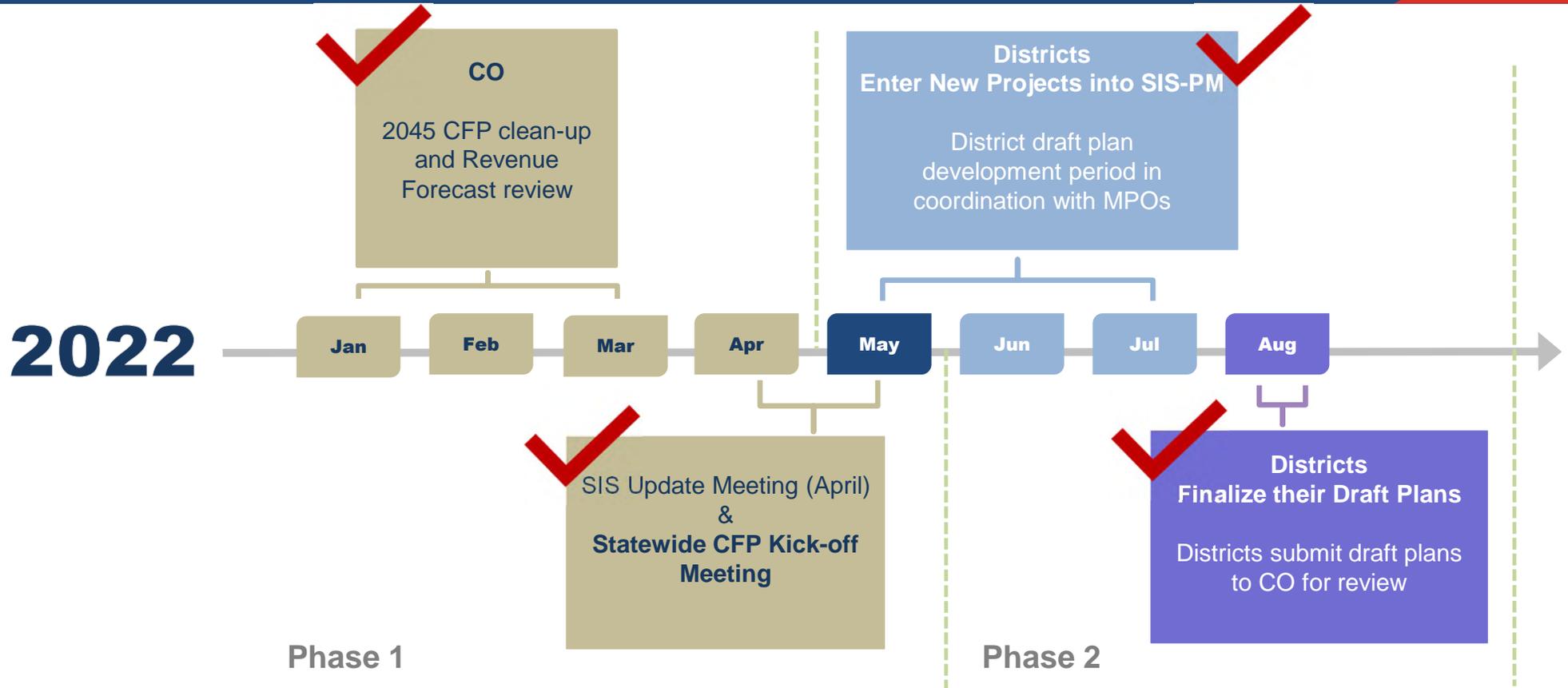
Band D – 2045/46 – 2049/50 (new band- 5 years)

- Project Costs will be in Present Day Costs (PDC).
 - Conversion to a Year of Expenditure (YOE) version will be done by Central Office upon final approval.
-

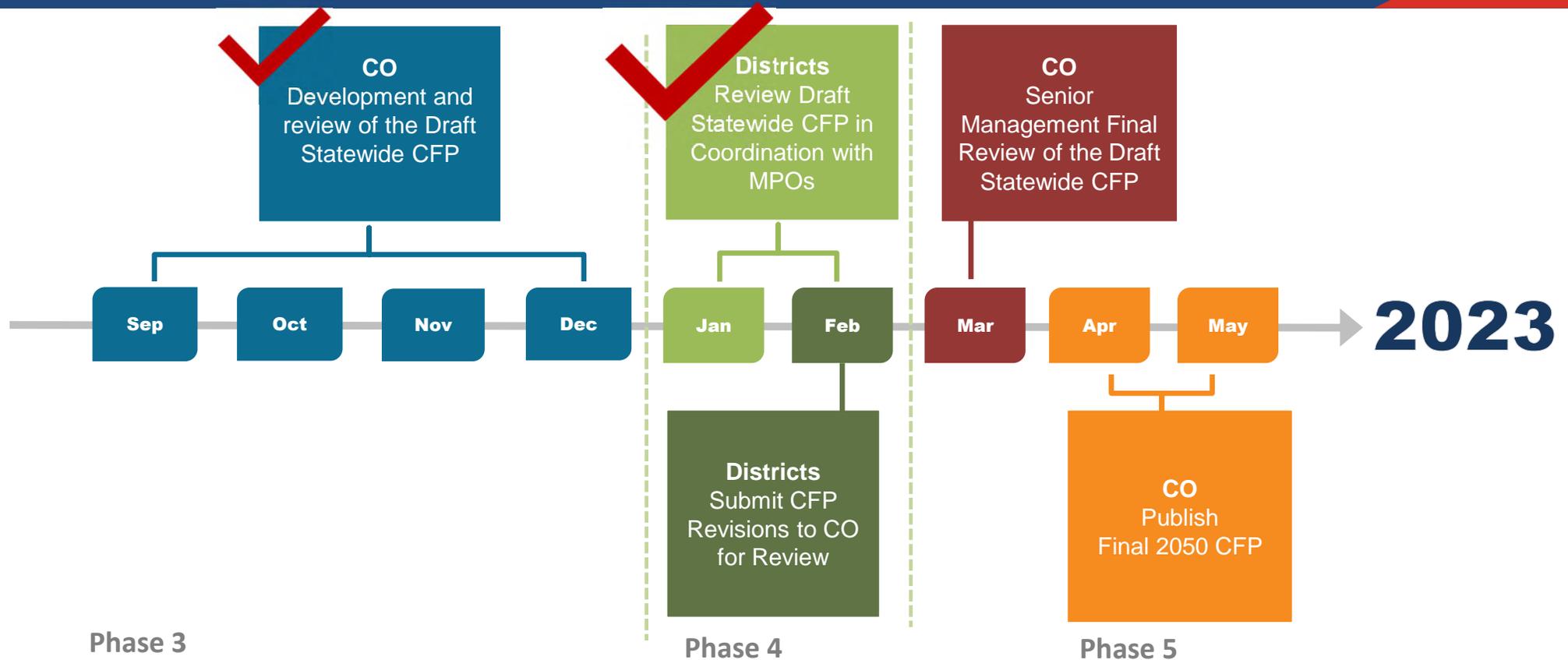
Project Selection Considerations

- Consider quantitative analysis using planning tools
 - FTP goals and SIS objectives
 - SIS eligibility and designation criteria
 - Funding/project costs
 - Project phasing schedule
 - Continuation of projects
 - System connectivity
 - MPO priorities
 - Senior management and executive guidance
-

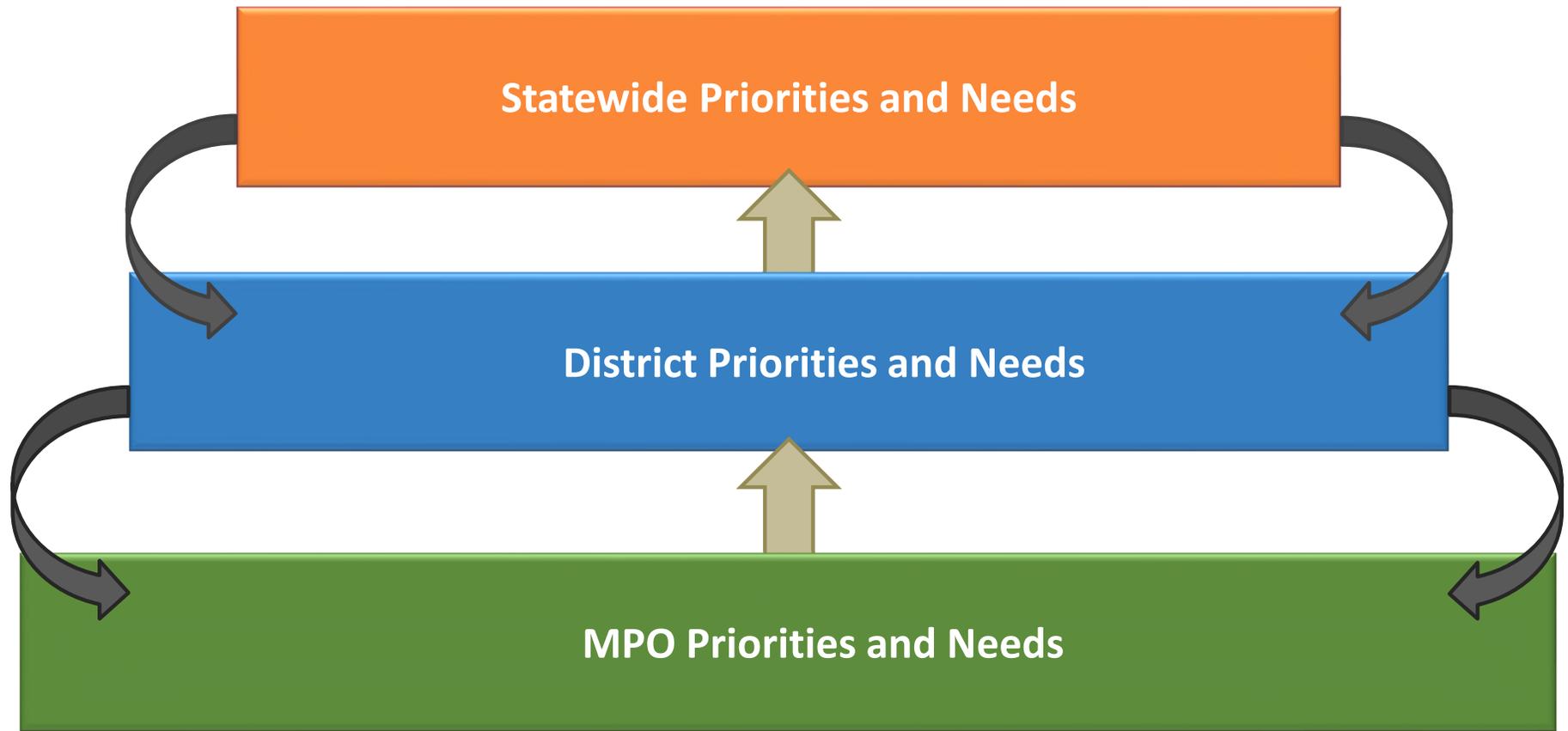
Estimated Development Schedule



Estimated Development Schedule

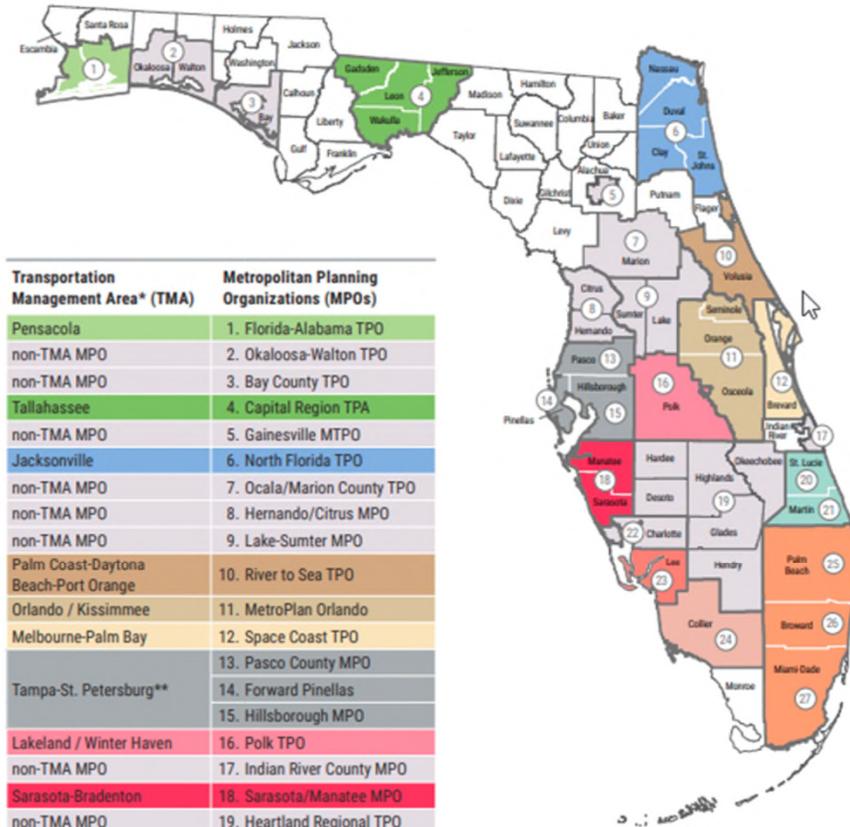


Statewide CFP Development Process



MPO Coordination

- Coordination is critical.
- Districts should coordinate with their MPOs on the CFP process as soon as possible.
- Technical committee coordination is recommended.
- MPOs incorporate projects from FDOT CFP into their long-range travel demand models and long-range transportation plans (LRTPs).



* Urbanized population over 200,000

** Tampa-St. Petersburg, Port St. Lucie and Miami TMA's contain multiple MPOs.

District SIS Staff MPO/TPO Coordination Efforts

District 1

In-person meeting with all MPOs and TPOs (staff level)

- Discussed projects that would be proposed for funding consideration
 - Discussed recommended projects from the MPOs
 - Provided an overview of the GIS-based tool to prioritize projects and provide comments about any project on the CFP list.
 - Each MPO had its own set of projects and GIS specific site.
 - The interstate group provided an overview of the projects along I-75 and I-4, based on the most recent Master Plan.
-

District SIS Staff MPO/TPO Coordination Efforts

District 1

- **HRTPO Highlights:**
 - Rely on coordination with elected officials to identify project priorities
 - Expressed the desire for more ongoing coordination on the funding plans and projects.
- **Lee and Charlotte MPOs Highlights:**
 - Requested additional information about the projects on the list to make a more informed decision.
- District staff asked to present the final list with priorities to their board members.
 - The information and tools given to staff were also made available for board members.
 - Once the CFP is finalized district staff be meeting with the MPOs and TPOs, at the staff and board levels.

District SIS Staff MPO/TPO Coordination Efforts

District 2

In-person presentations with all MPOs (staff level)

- Gave a presentation to the Gainesville MTPO (Aug. 22), NFTPO (Sept. 5), and NCFRPC (Sept. 22) on the recent SIS Policy Plan update.
 - Answered questions about what has changed, existing CFP projects, Unfunded needs and eligibility requirements for on and off system projects.
-

District SIS Staff MPO/TPO Coordination Efforts

District 3

In-person presentations with all MPOs and TPOs (staff level)

- Bay County TPO on August 3, 2022
 - Florida/Alabama TPO on August 10, 2022
 - Okaloosa Walton on August 18, 2022
 - CRTPA on October 18, 2022
-

District SIS Staff MPO/TPO Coordination Efforts

District 4

- All MPOs
 - Held a joint virtual workshop with staff
 - Discussed the projects for CFP funding consideration
 - Discussed recommended projects from the MPOs
 - Broward MPO
 - Additional coordination meeting with Broward MPO staff to focus on the Broward County projects
 - Presented a status update to the Technical Advisory Committee and the Citizens Advisory Committee
 - Scheduled to present to MPO Board
 - Scheduled to present to the Freight Technical Advisory Committee (February)
 - Martin MPO
 - Scheduled to present to the Freight Technical Advisory Committee (February)
-

District SIS Staff MPO/TPO Coordination Efforts

District 5

- Presented an overall summary of the projects to the MPO/TPO Directors before submitting the districts draft Cost Feasible Plan at the end of August to Central Office.
 - Provided an update on the November MPO/TPO Directors Call.
 - Next steps: Present to committees/boards in early 2023 to provide update on the draft CFP, as well as tentative work program and 2nd Five
-

District SIS Staff MPO/TPO Coordination Efforts

District 6

- Miami-Dade TPO
 - Staff addressed CFP update schedule and overall coordination with the TPO as it relates to stakeholder input and involvement
 - Concerns over consistency between the CFP and LRTP
 - SIS funding consideration for projects under new eligibility criteria
-

District SIS Staff MPO/TPO Coordination Efforts

District 7

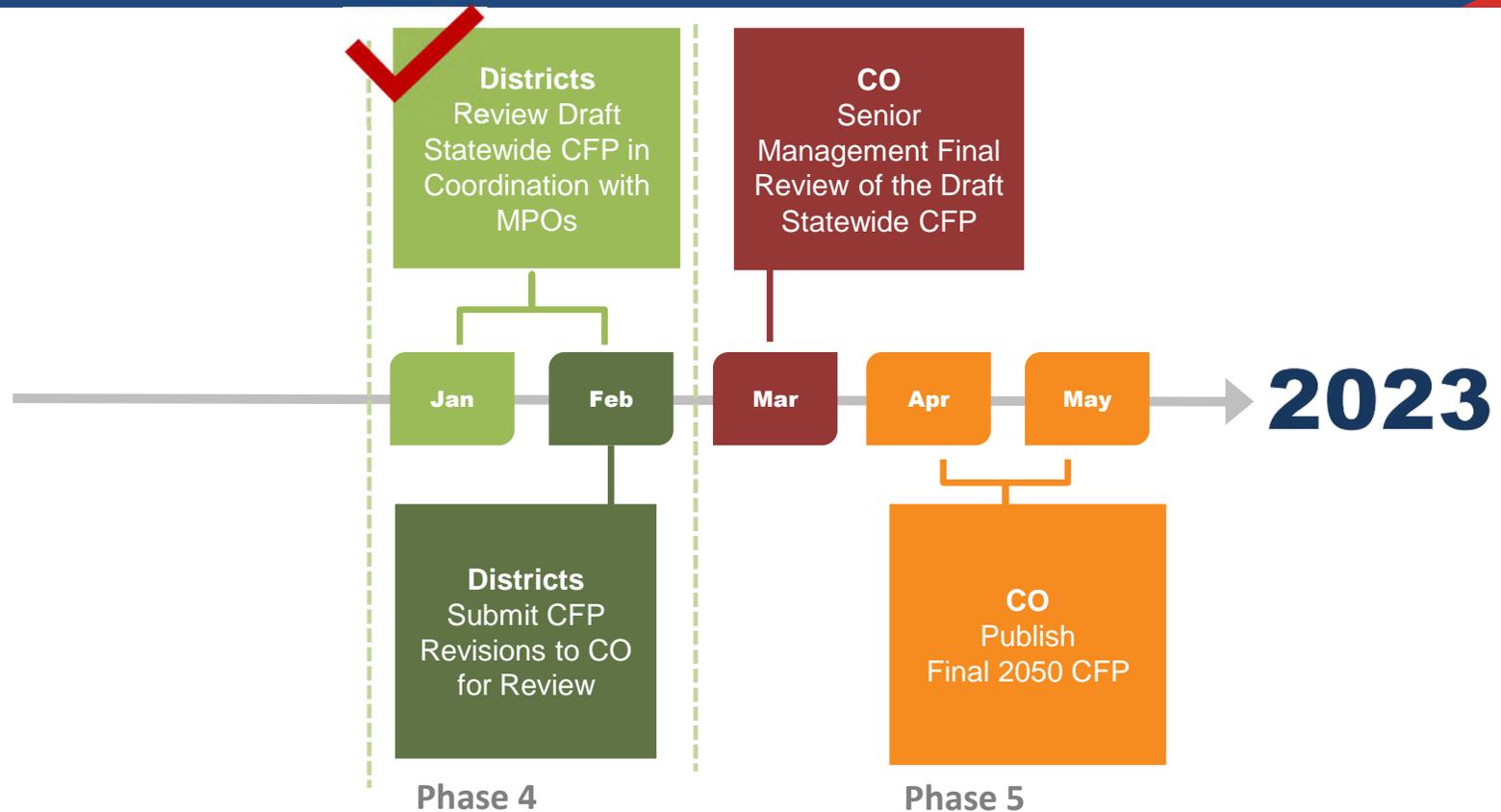
- District staff presented at the TPO/MPO Meeting in early August 2022
 - Received and incorporated comments from Pinellas and Hillsborough.
 - District did not receive comments from Hernando, Citrus, or Pasco.
-

On-Going MPO Coordination

The Districts, in coordination with MPOs, will review and evaluate the draft plan to make corrections and request plan modifications as they may relate to:

- Project cost modifications;
 - Improvement type changes;
 - Changes in priority;
 - Re-arranging projects based on staff input;
 - Correct mapping inconsistencies/errors; and
 - Phasing sequence corrections.
-

Estimated Development Schedule



Questions About the CFP?

Gerald Goosby

SIS Planning Manager

850.414.4287

Gerald.Goosby@dot.state.fl.us

Dean Rogers

Statewide SIS Coordinator

850.414.5348

Dean.Rogers@dot.state.fl.us



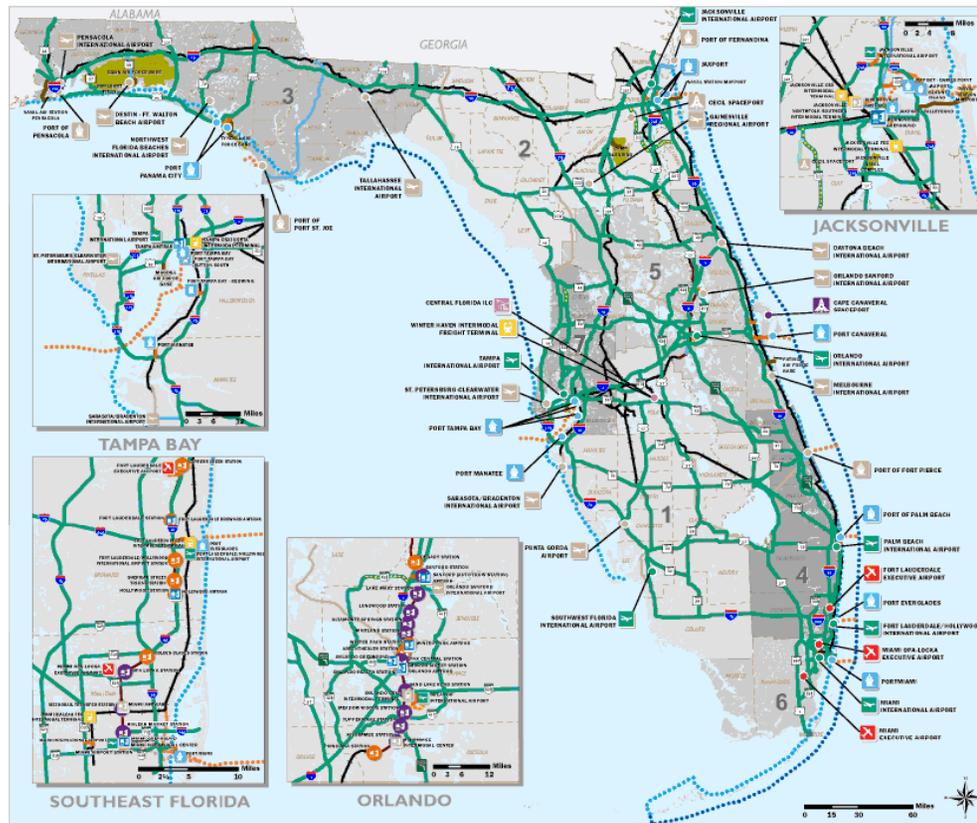


Off-SIS Framework

Chris Edmonston, Systems Implementation Office Manager



Strategic Intermodal System



Strategic Intermodal System System Map

Airports & Spaceports

- SS Commercial Service Airport
- Strategic Growth Commercial Service Airport
- SS General Aviation Releaser Airport
- SS Spaceport
- Strategic Growth Spaceport

Seaports

- SS Seaport
- Strategic Growth Seaport

Freight Rail Terminals

- SS Freight Rail Terminal
- Strategic Growth Freight Rail Terminal

Intermodal Logistic Center

- Strategic Growth Intermodal Logistic Center

Interregional Passenger Terminals

- SS Passenger Terminal
- Strategic Growth Passenger Terminal

Urban Fixed Guideway Transit Terminal

- SS Urban Fixed Guideway Hub
- SS Urban Fixed Guideway Station

Highway

- SS Highway Corridor
- Future SS Highway Corridor
- Strategic Growth Highway Corridor
- SS Highway Connector
- Strategic Growth Highway Connector
- Future Strategic Growth Highway Connector
- SS Military Access Facility

Rail & Urban Fixed Guideway

- SS Railway Corridor
- Strategic Growth Railway Corridor
- SS Railway Connector
- Strategic Growth Railway Connector
- SS Urban Fixed Guideway

Waterways

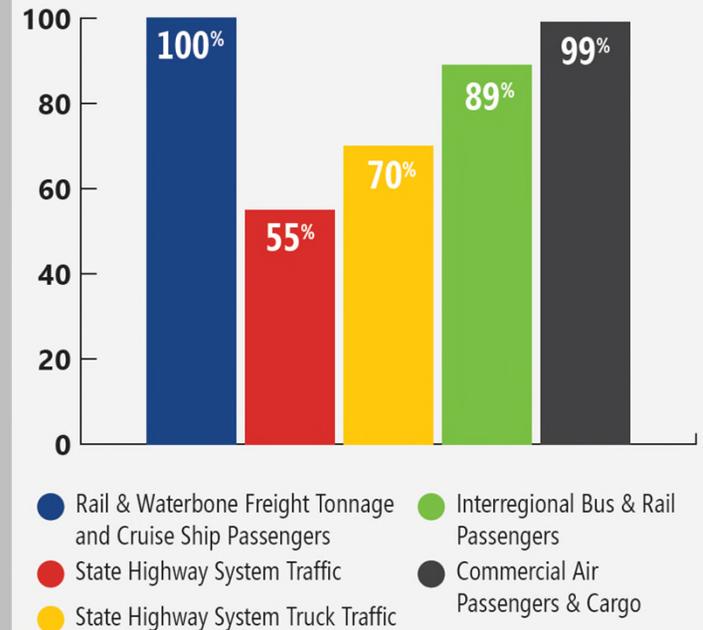
- SS Waterway
- Strategic Growth Waterway
- SS Waterway Connector
- SS Waterway Shipping Lane

Florida Department of Transportation
 Strategic Intermodal System
 October 2016
<http://www.Mtg.gov/intermodal> 822-14-4900

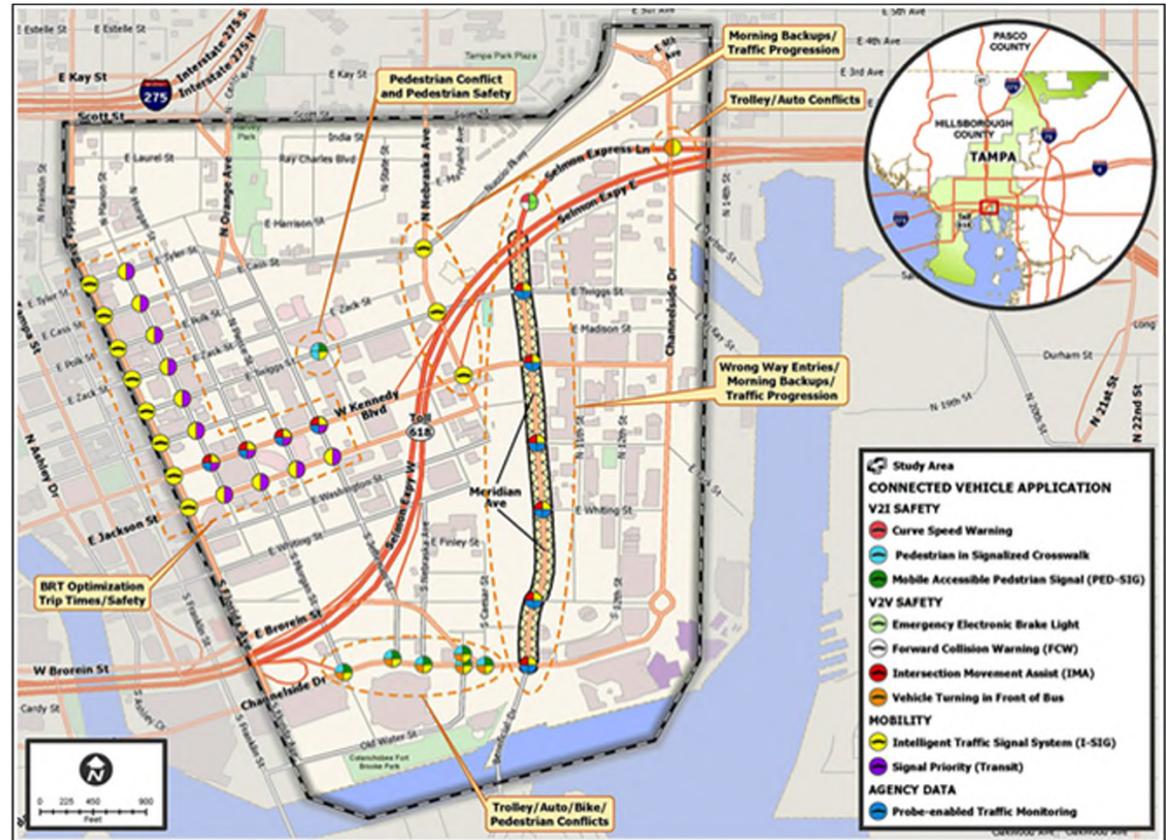
SIS Accomplishments

FY2003-2023

SIS Mode	SIS Mode Totals
Highway	\$42,198,844,689
Aviation	\$2,062,852,462
Spaceport	\$571,684,651
Seaport	\$1,961,038,006
Rail	\$721,599,340
Transit	\$71,610,818
Multimodal	\$178,329,013
Fund Type Totals	\$47,765,958,979



Capacity Needs Are Changing



Off-SIS Study

Purpose

Establish criteria and process for funding off-SIS projects through the SIS program.



Project Types

Eligible projects include any projects **supporting SIS facilities** that involve at least two of the following elements and meet evaluation criteria requirements.

ELIGIBLE PROJECTS

- Highway widening
- Fixed guideway transit
- TSMO/ITS
- ACES
- Bicycle/pedestrian facility
- Intersection improvements
- Freight (e.g., truck parking)
- Safety improvements
- Resilience improvements

INELIGIBLE PROJECTS

- Standalone modal projects (examples include aviation, seaports, spaceports, freight rail, etc.)

Additional ineligible projects—see [SIS Funding Eligibility Guidance](#)

Project Types

Off-SIS Highway



Off-SIS Fixed Guideway Transit

Fixed guideway projects include:

- *New fixed guideways or extensions to fixed guideways (projects that operate on a separate right of way exclusively for public transportation, or that include a rail or a catenary system).*
- *BRT projects operating in mixed traffic that represent a substantial investment in the corridor.*
- *Projects that improve capacity on an existing fixed guideway system.*



Project Evaluation

Projects will be evaluated following existing SIS project selection consideration factors. Particular attention will be given to . . .



District priority ranking



Projects enhancing modal choice



Projects with a community-centric focus



Projects that diversify SIS funding and improvement types

Off-SIS Highway

Eligible Facilities

Projects must be on an eligible facility. The selected eligibility criteria align with SIS Corridor designation.

- Arterial or higher functional class, and
- Existing minimum 6,000 AADT or minimum 1,000 AADTT



Evaluation Criteria

Projects must demonstrate moving people and goods and a benefit to the SIS:

- Increase person or truck throughput on the off-SIS facility by a minimum of 6%, and
- Reduce trips on at least one adjacent SIS facility by a minimum of 5% or 5,000 vehicular trips

Off-SIS Fixed Guideway Transit

Projects must be rated medium or higher using the State New Starts Transit Program (NSTP) criteria and must demonstrate congestion relief benefits to the SIS.

NSTP Evaluation Matrix

Criteria	Max. Points
Mobility Benefits (vs. No Build Alternative)	25
Constructability	15
Land Use and Economic Benefits	15
Environmental Benefits	15
Project Cost Effectiveness Score	30
Total	100

Overall Rating

Project Score

Low

1-33 points

Medium

34-66 points

High

67-100 points



SIS will only fund the **construction** phase of off-SIS projects.

Off-SIS Fixed Guideway Transit

Examples of projects rated medium or higher using NSTP criteria include . . .



South Corridor Rapid
Transit Project

Score: 81 (High)



Orlando SunRail
Phase II South

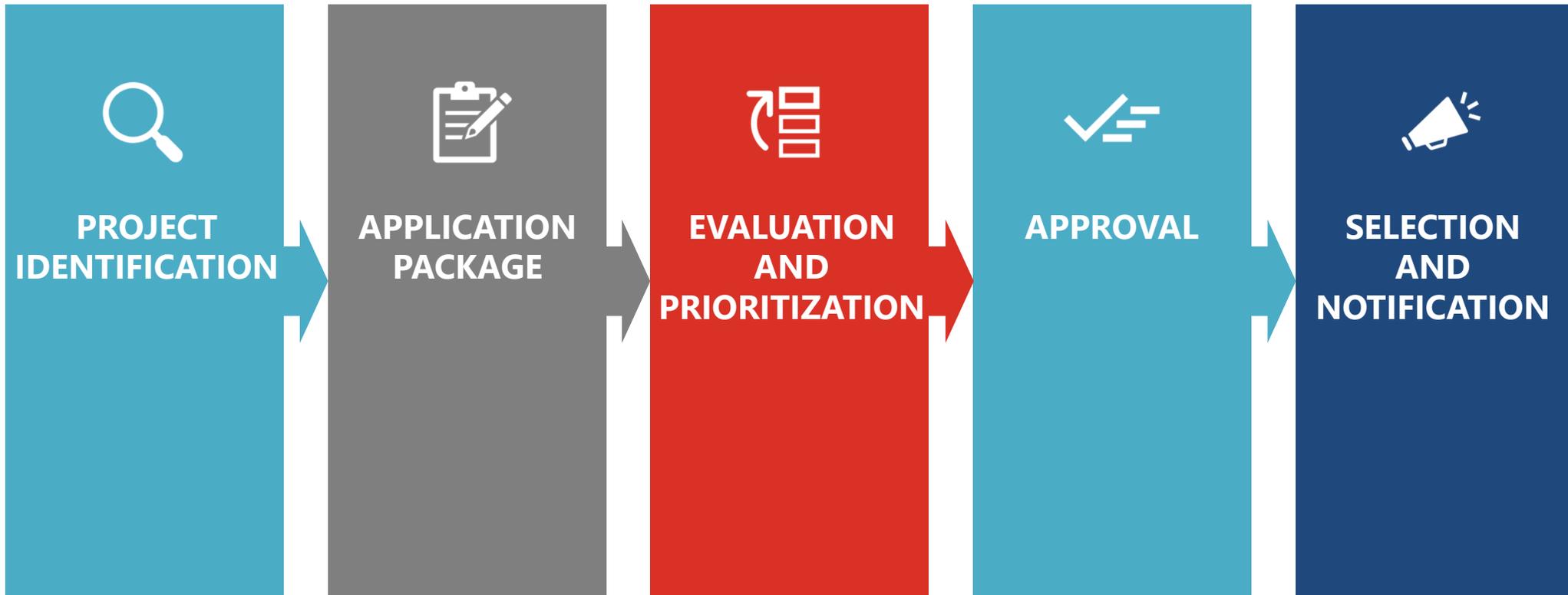
Score: 59 (Medium)



I-Drive Transit Feasibility
and Alternative Technology
Assessment

Score: 55 (Medium)

Project Selection Process





Florida Department of Transportation Systems Implementation Office

605 Suwannee Street, MS 19
Tallahassee, FL 32399

www.fdot.gov/planning/sis

850.414.4900

