

Citizen Advisory Committee (CAC)

March 28, 2019 CareerSource Heartland Sebring, FL



1) Call to Order

- Pledge of Allegiance
- Roll Call
- Announcements



2) Public Comment



3) Approval of Minutes*

January 24, 2019 Meeting







Overview

March 2019



Why is US 27 important?

Designated truck route



SIS facility – Strategic Intermodal System

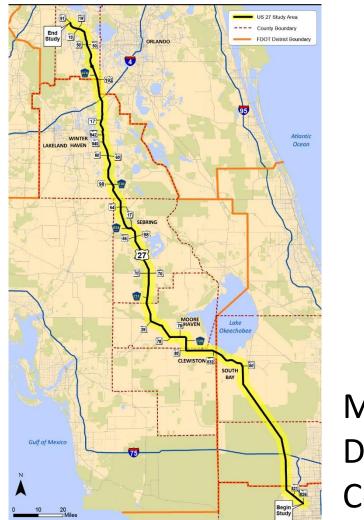


Connectivity and access to SIS hubs ~ facilities

- Airports
- Seaports
- Inland Ports
- CSX Intermodal Logistics Center

Study Area

Lake County



Miami Dade County

FDOT US 27 Multimodal Corridor Existing Conditions Study

1 OVERVIEW

1.1 Introduction

US 27 is a major north-south highway that serves the Southern and Midwestern United States. In Florida, US 27 extends from the City of Miami In Miami-Dade County to the Florida-Georgia State Line. It is part of the State Highway System (SHS) and the Strategic Intermodal System (SIS). US 27 is classified as an SIS Highway Corridor from SR 826 in the City of Hialeah to US 441 in Lake County and as an Emerging SIS Highway Corridor from 175 in Marion County to the Florida-Georgia State Line in Gadsden County. The SIS is comprised of Florida's statewide network of high-priority transportation facilities, including the state's largest and most significant airports, spaceports, deep water seaports, freight rail terminals, interregional rail and bus terminals, rail corridors, urban fixed guideway transit corridors, waterways, and highways. The SIS facilities are the primary means for moving people and freight between Florida's diverse regions and between Florida and other states, and have the highest statewide priority for transportation capacity improvements.

US 27 is a major freight corridor connecting I-75, I-10, I-4, and I-95. It is an important link in Florida's high-priority network of transportation facilities that are crucial to the state's economy and mobility.

In December 2017, the Florida Department of Transportation (FDOT) Central Office initiated the US 27 Existing Conditions Data Study. The purpose of this study is to collect existing conditions data along the US 27 corridor from the Palmetto Expressive) (RS 4826) in Miam-Dade County to Florida's Turnpike (RS 93) in Lake County. The existing condition data from the study will aid FDOT in identifying deficiencies along the corridor, developing a preliminary purpose and need statement, and assisting with developing scopes of services for future projects. Future projects may include feesibility studies, safety studies, or Project Development and Environment (PD&E) Studies.

1.2 Background

The US 27 Existing Conditions Data Study builds on previous studies conducted on the corridor. The US 27 Transportation Alternatives Study (January 2013) from Miami-Dade County to 1-75 in Marion County was conducted by the FDOT Systems implementation Office in coordination with local governments, regional transportation planning agencies, FDOT Districts, and other state agencies. The 310-mile study traversed 10 counties in central and southeast Florida: Miami-Dade, Broward, Palm Beach, Hendry, Glades, Highlands, Polk, Lake, Sumter, and Marion. The study was performed to access travel demand and freight movement along the US 27 corridor based on five measures: transportation, freight movements, emergency management, homeland security, and economic development.

In addition, the momentum for the US 27 Transportation Alternatives Study and other studies such as this US 27 Existing Conditions Data Study stems from the Future Corridors Initiative set forth in the U.S, Transportation Steerearys Transportation Vision for the 21st Century Plan. The vision for Florida's Future Corridors Initiative is to create a statewide network of high-speed, high-capacity facilities to serve as the critical foundation for continued growth and development in Florida. The Future Corridors Initiative identified potential new corridor study areas as well as potential corridor transformation (resue) study areas. This study is the first step toward identifying future needs for the US 27 corridor



US 27 Multimodal Corridor Existing Conditions Data Study

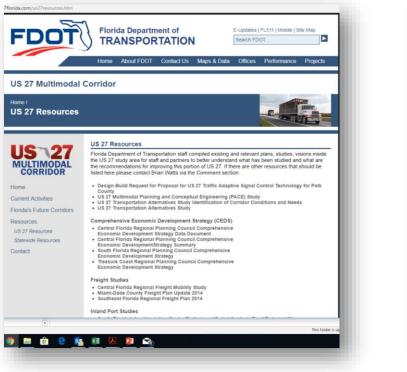
1.3 Corridor Limits

The US 27 corridor limits begin from Palmetto Expressway (SR 826) near the City of Hialeah to Florida's Turnpike near the City of Leesburg. The study corridor traverses eight counties, including Miami-Dade, Broward, Palm Beach, Hendry, Glades, Highlands, Polk, and Lake. See Figure 1.1 for the Study Location Map. The corridor limits include the major cities of Hialeah, suburbs of Miami, South Bay, Sebring, Frostproof, Lake Wales, Winter Haven, Haines City, Clernont, Minneola, Groveland, and Leesburg. Relinced segments run parallel to the US 27 corridor periodically throughout the study area.





Florida's Future Corridors - FDOT Resource





http://us27florida.com/index.htm

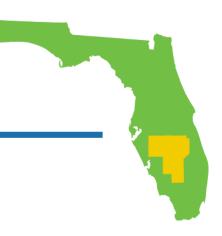
Background

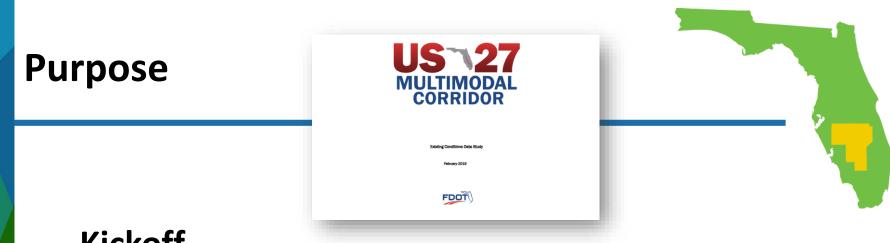
History

- Study builds on previous FDOT studies conducted on the corridor
 - 2004 US 27 Action Plan
 - 2008 US 27 Multimodal Corridor Needs Assessment
 - 2010 US 27 Rail Corridor Study Feasibility Assessment
 - 2012 Interregional Transportation Infrastructure Needs Study
 - 2012-2013 US 27 Multimodal Planning And Conceptual Engineering (PACE) Study
 - US 27 Transportation Alternatives Study
 - January 2013 (Miami-Dade to Marion County)









Kickoff

December 2017, the Florida Department of Transportation (FDOT) Central Office initiated the US 27 Existing Conditions Data Study

Purpose of this study was to collect existing conditions data along the US 27 corridor from:

 Palmetto Expressway (SR 826) in Miami-Dade County to Florida's Turnpike (SR 93) in Lake County

Existing Conditions Data Collection

- Data with a Shelf Life
- Typical Sections
 - Lanes
 - Urban/Rural
 - AADT
 - LOS Tables
 - ROW
- Roadway Structures
 - Horizontal Clearances
 - Vertical Clearances
- Safety/Crash Data
- Evacuation Routes
- Rail Road Crossings (Number of Tracks and Operation)
- Major Utilities

- Drainage Structures
 - Water Bodies
 - Structure Size
 - Flow Direction
 - WBID
- Demographics
- Historical/Cultural
- DRI's, Special Generators
- Community Resources
- Parks and Recreational Areas
 - Wetlands
 - Contamination
 - Floodplains

Priorities to Review

Safety

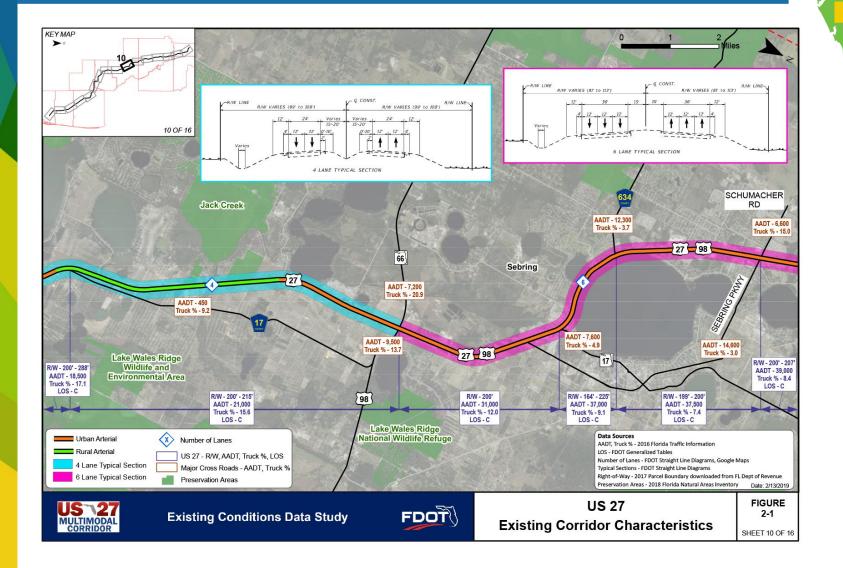
- Traffic Volume (AADT)
- Crash Data
 - Fatalities & Severe Injuries
 - Comparison by Intersection
 - Comparison between Intersections

Freight

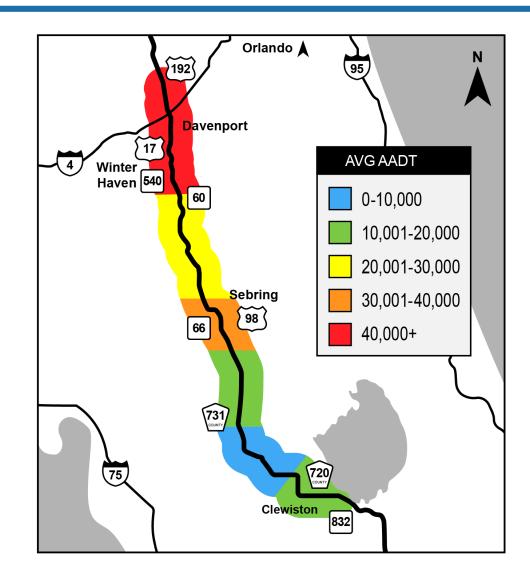
• Truck Volume along corridor



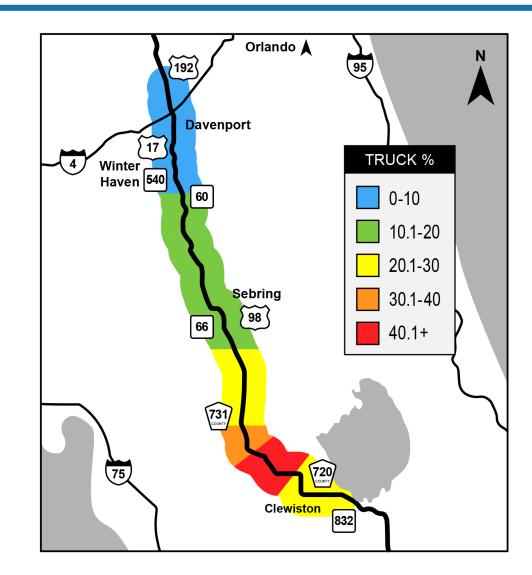
US 27 Roadway Corridor Characteristics



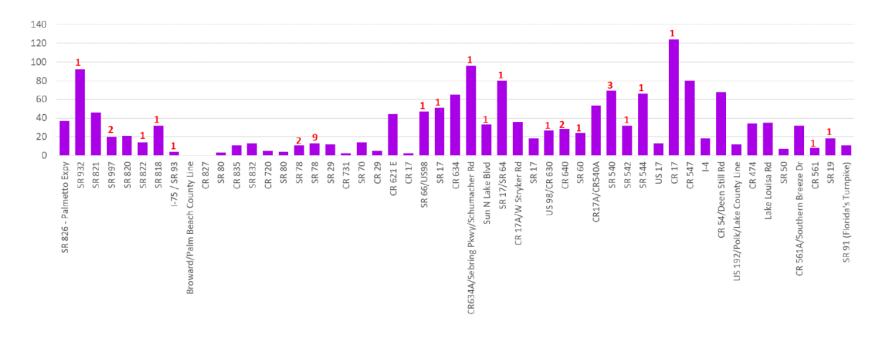
Annual Average Daily Traffic (AADT): 2012-2016



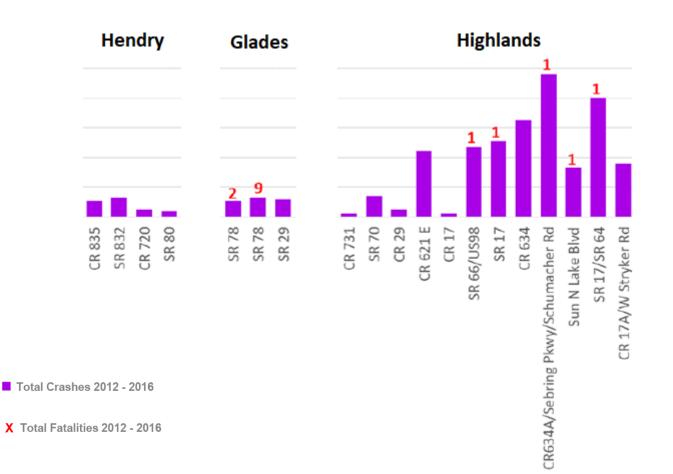
Annual Average Daily Traffic (AADT) – Truck Percentage: 2012-2016



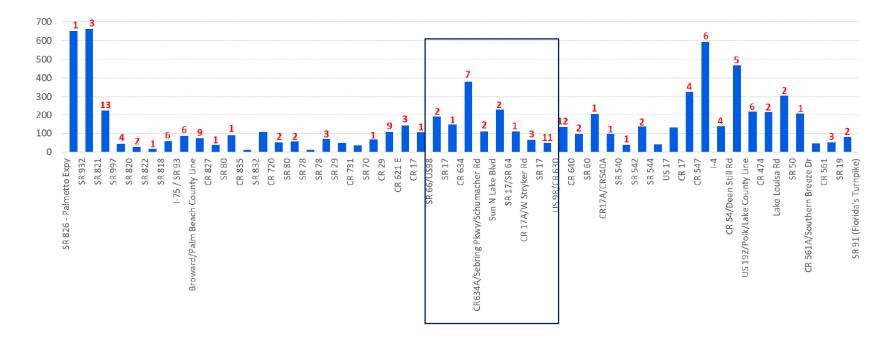
US 27 Total Number of Crashes 2012 – 2016 within 300 feet of intersection



US 27 Total Number of Crashes 2012 – 2016 within 300 feet of intersection

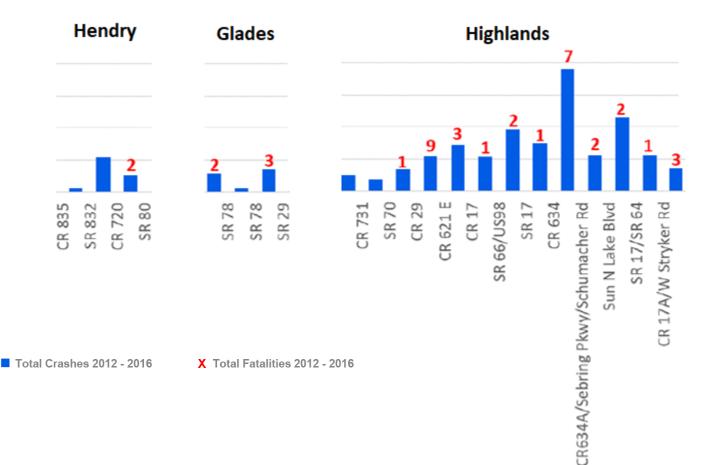


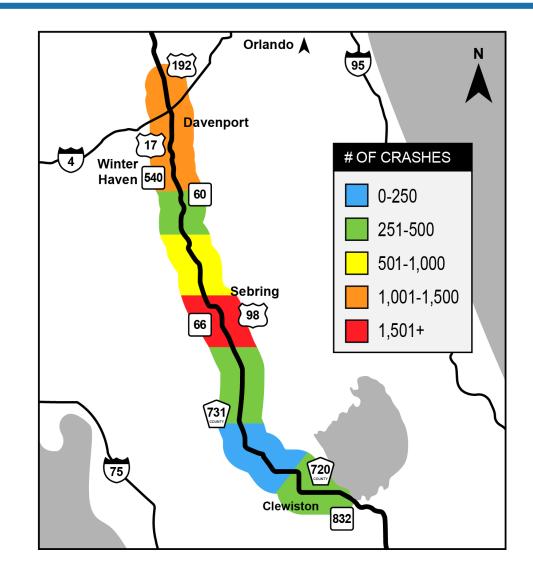
US 27 Total Number of Crashes 2012 – 2016 Between intersection



Total Crashes 2012 - 2016 X Total Fatalities 2012 - 2016

US 27 Total Number of Crashes 2012 – 2016 Between intersection



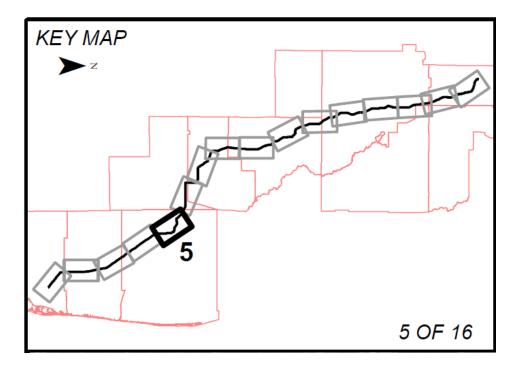


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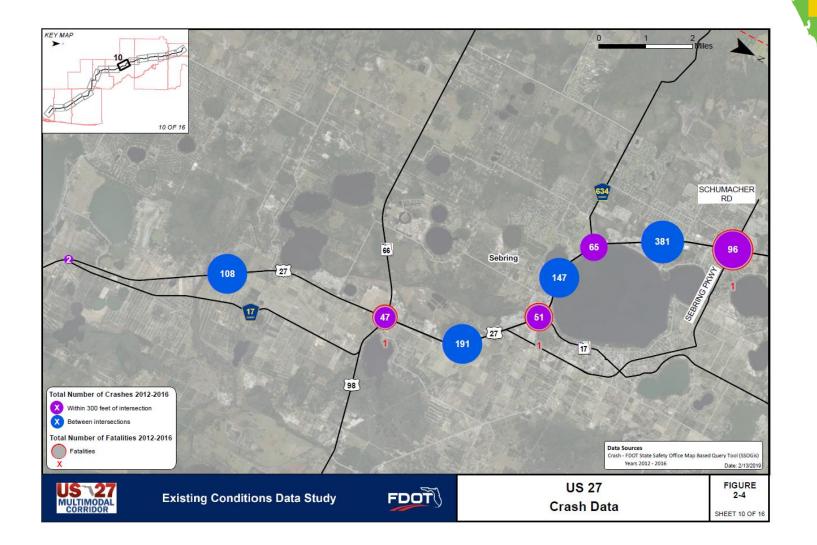
Hendry: 6

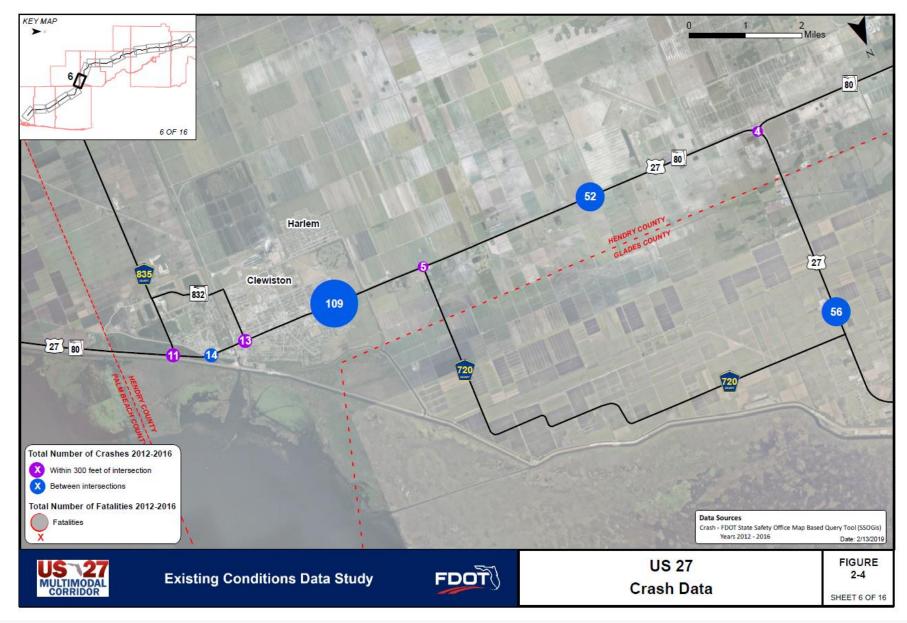
Glades: 6, 7, 8

Highlands: 8, 9, 10, 11

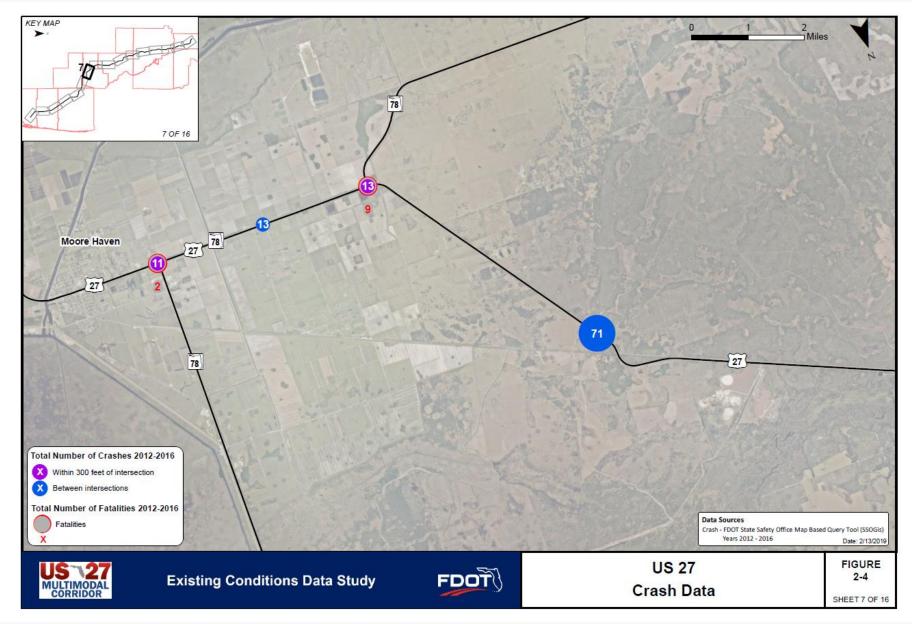


Selections from Report

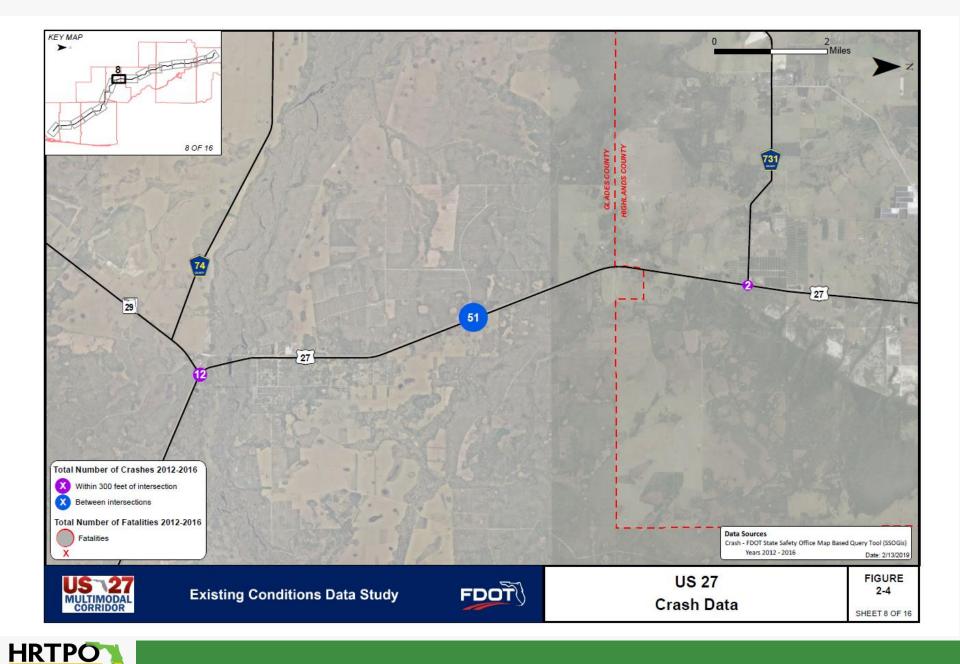




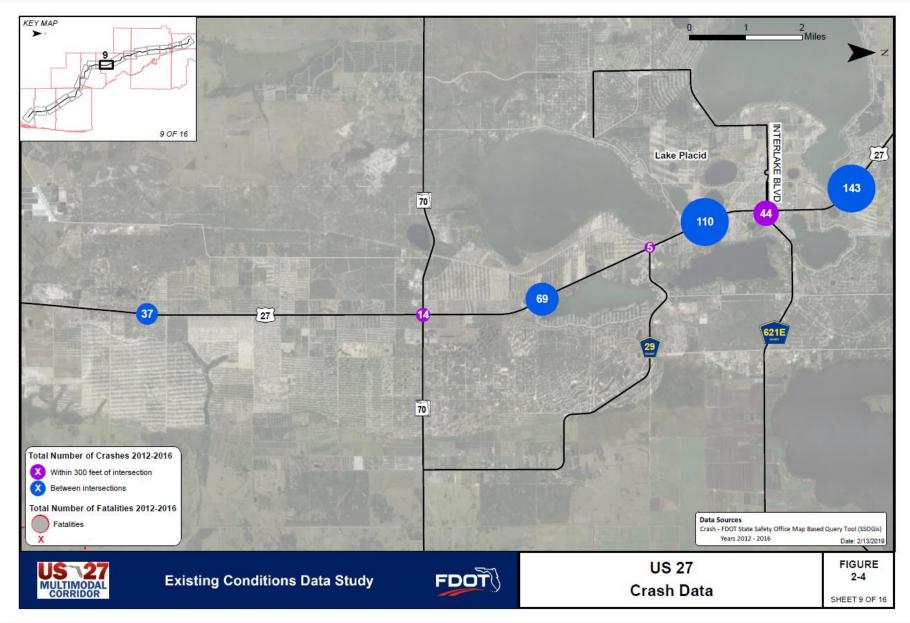




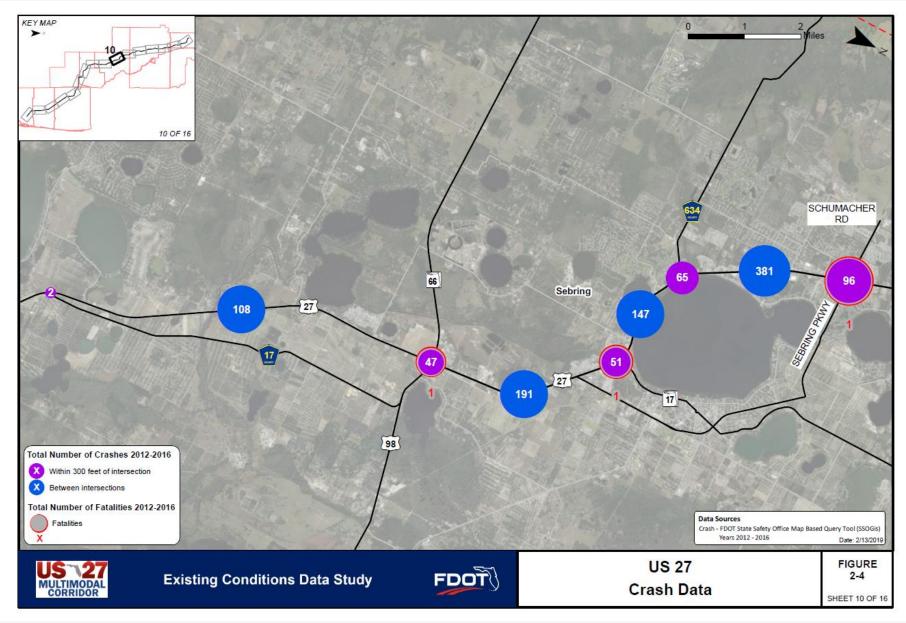




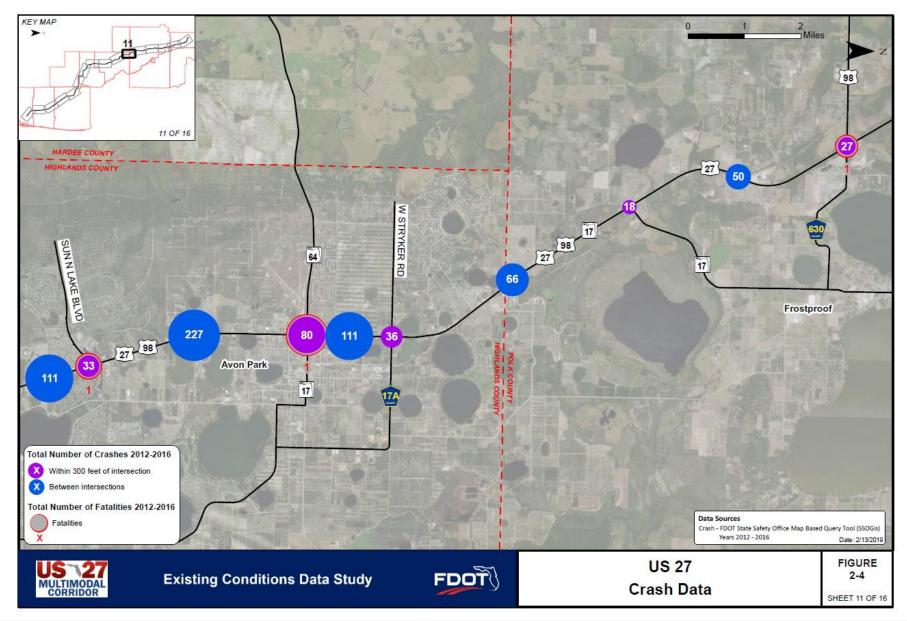
Heartland Regional



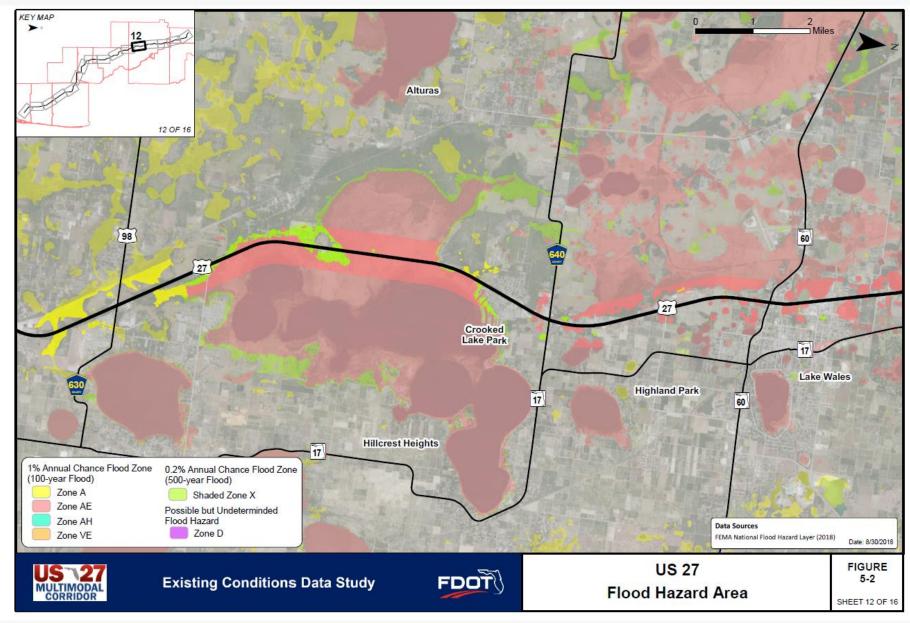




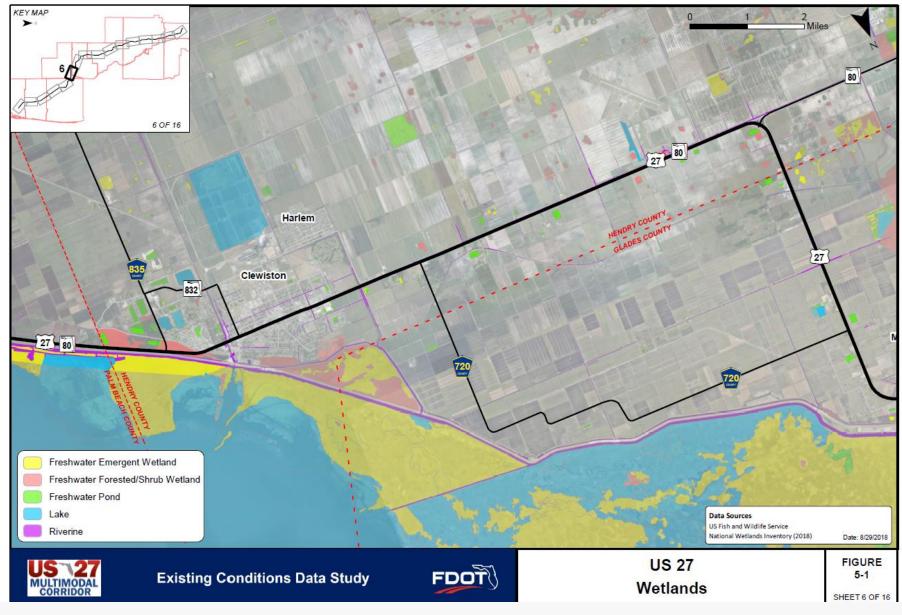




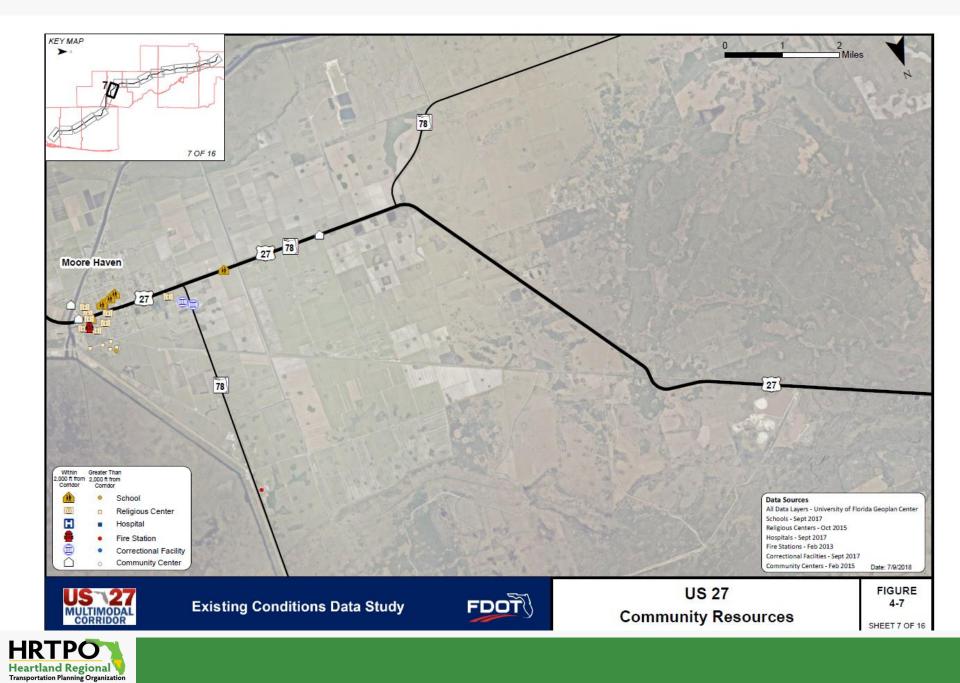


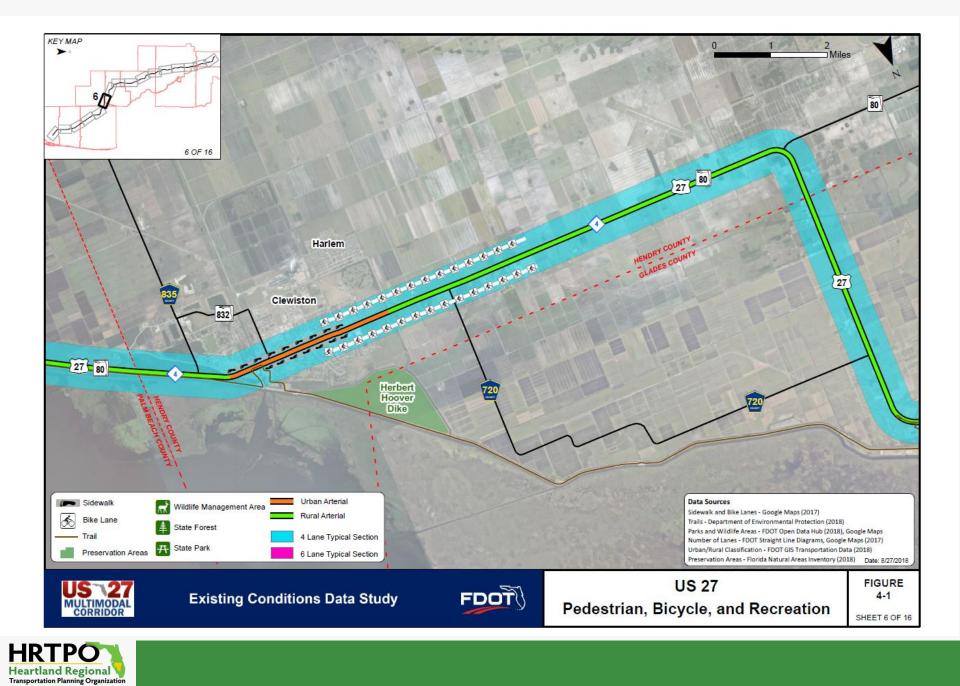


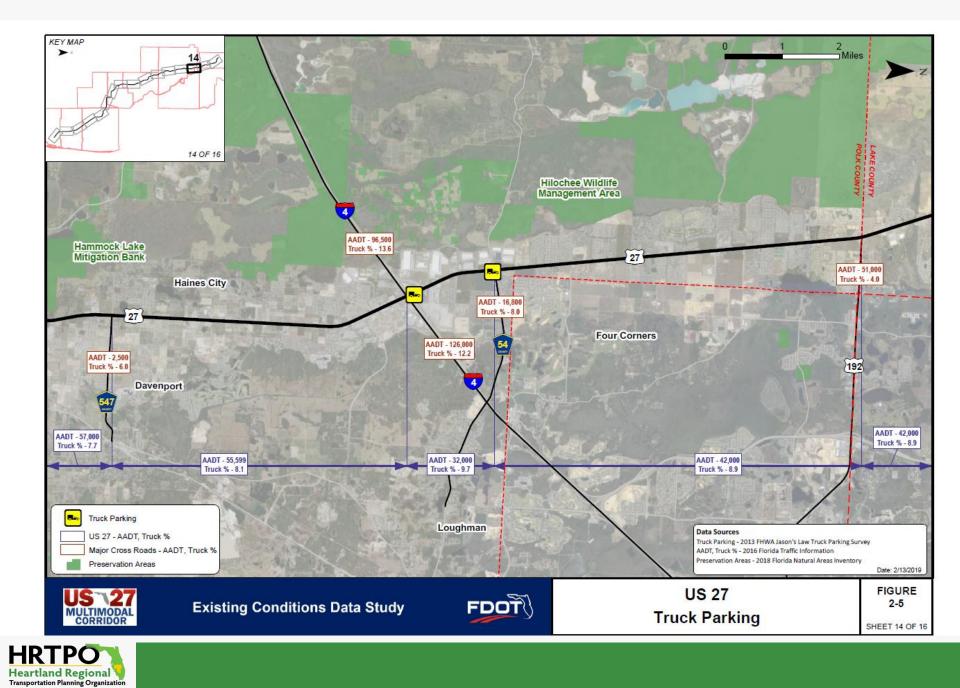














- Developed Existing Conditions Data (which Supports Purpose and Need for the study)
- Enhanced Corridor Knowledge
- Identify Capacity and Safety Areas along Corridor







The existing condition data from the study will aid FDOT in identifying:

- Deficiencies along the corridor
- Helps early identification of hot spots along the corridors
 - Operations and Safety
- Developing a preliminary purpose and need statement
- Assisting with developing scopes of services for future projects
- Readily available data for future studies

Future projects may include:

- Feasibility studies
- Safety studies
- Project Development and Environment (PD&E) Studies

HRTPO Benefits and Uses



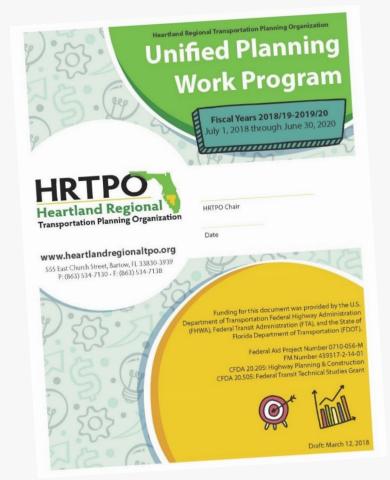
- Incorporate relevant data into Longrange Planning
- 2045 LRTP Update (due March 2021)
- Utilize during analysis and vetting of Prioritized Project Applications submissions
- Incorporate data into the HRTPO's Corridor Analysis and Story Map project for the US 27 and US 70 corridors
- Readily available data for future studies
 - Bicycle and Pedestrian Safety Plan (2019)



5) Amendment to the Unified Planning Work Program (UPWP) 2018/19 – 2019/20*

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Overview

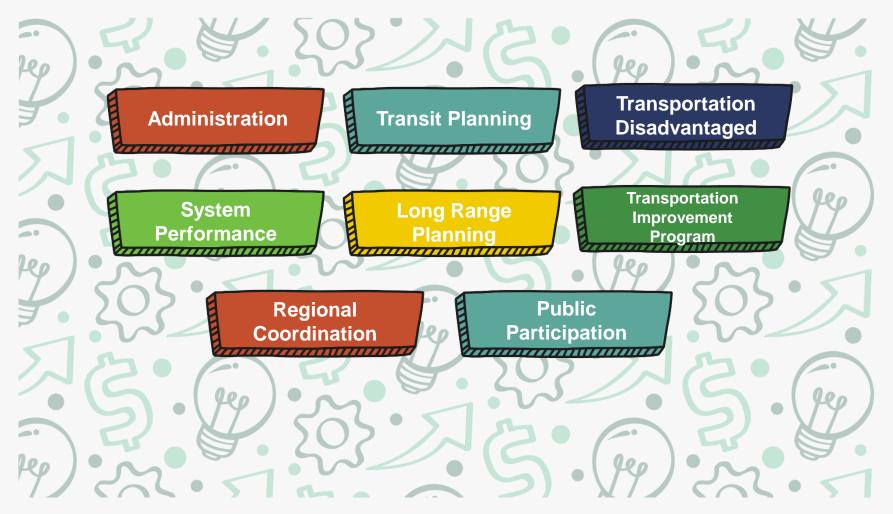


The Unified Planning Work Program (UPWP) describes the transportation planning projects to be performed within the study area.

- Summarizes planning tasks to be completed by the HRTPO
- Defines work products and timeline for major activities
- Proposes budget using federal and other funds for planning
- Estimated cost for each task



UPWP Tasks





Budget Table Changes

Task	Reason	Financial Impact
All Tasks	Update Indirect rate from 51.83% to 52.73%	None
Task 1: Administratio n	Incorporate carry-over funding from FY 16/17 and FY 17/18	Increase of \$2,935.71
Task 2: Transit Planning	Adjust FY 2019/2020 FTA 5305 funding based on actual allocation	Increase of \$162
Task 5: Long Range Planning	FDOT District 1 is no longer requesting \$16,000 for the TPO's share of the cost to update the Districtwide Model.	Move \$16,000 from Consultant Services to Personnel Services





Requested Action

Motion to provide a recommendation to the HRTPO Board approval to adopt the Draft UPWP Amendment to the current Adopted UPWP for FY 2018/19 through FY 2019/20



6) HRTPO & FDOT Joint Certification Review

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Risk Assessment Process

Scale	Risk Level	Frequency of Monitoring
0-1	Low	Annually
2-3	Moderate	Bi-annually
4-5	Elevated	Triennially
>6	High	Quarterly



Noteworthy Practices





Unified Planning Work Program



Regional Sidewalk Inventory



Recommendations and Corrective Actions

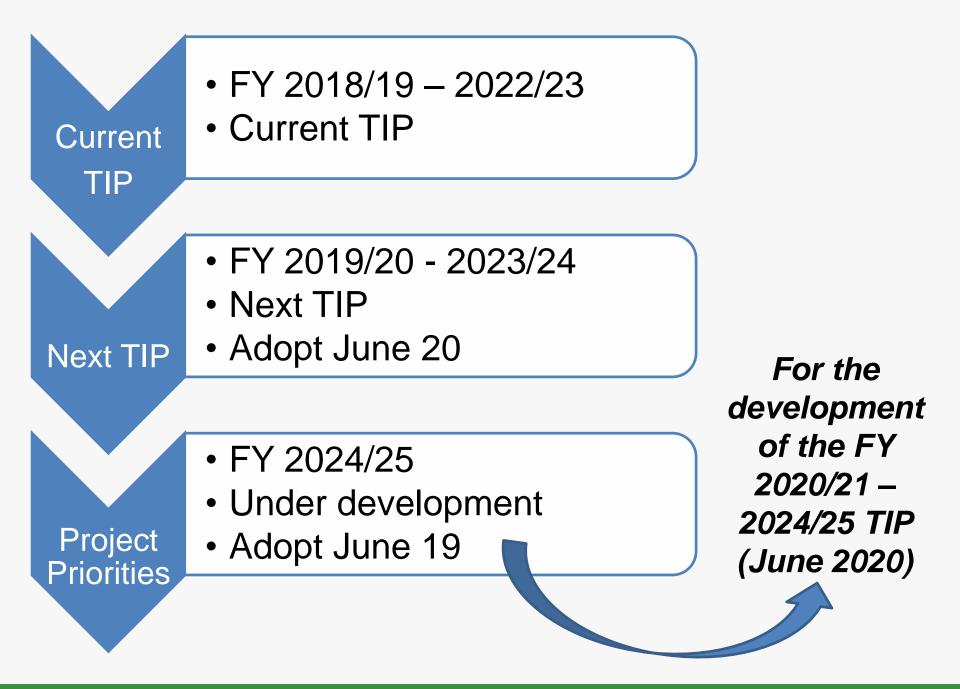
Recommendations/ Corrective Action	HRTPO Response
(2016) CMP in LRTP	Complete
(2016) Bicycle and Pedestrian Planning & Safety	The UPWP for FY 2018-2020 includes the completion of a sidewalk inventory by June 2019 and a Bike/Ped Safety Plan by June 2020.
(2016) Consistency with Related Planning Activities	Complete
(2016) Performance Driven Plan	Complete





7) 2019/20 – 2023/24 Transportation Improvement Program (TIP)

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DRAFT Capacity Project Ranking

Roadway	Safety	Evacuation	Status	Reliable	Congestion	Socio	Reg Freight	Access to Activity	Multimodal	Total
US 98 in Highlands County from US 27 to Airport Road (2 to 4 lanes)	15	15	15	-	-	5	10	10	3	73
Kings Highway in DeSoto County from Charlotte C/L to Peace River Street (2 to 4 Lanes)	15	15	8	-	10	5	-	-	3	56
SR 31 Extension in DeSoto County from SR 70 to US 17 (New Road)	-	-	8	-	-	5	-	-	3	16
SR 710 in Okeechobee from US 98 to US 441 (New Road)	-		-	-	-	5	-	5	3	13



Timeline of Adoption

April 17	HRTPO review of draft
Мау	Committee Review and Endorsement, Public Comment Period
June 19	HRTPO Adoption





8) FDOT Project Applications for FY 2025

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HRTPO Evaluated Criteria, Amended November 28, 2018

.RTP Goals	Evaluation Criteria for Congestion Management Projects	Criteria Scoring
	Safety	
Improve Safety	Road/intersection has experienced 1 or more fatal or serious accidents in previous 5 years	20
Saf	Pedestrian Safety	11
	Road/intersection has 1 or more car/pedestrian incidents past 5 years	20
ti	Project Status/Funding Availability	
ficie	Local funding is available to advance or contribute to project	10
qEU	Level of Service (LOS)	
an	Segment of road or intersection does not meet FDOT LOS Standards	10
liable an Options	Truck Factor	
elia 0	Truck factor on segment of road or intersection managed by FDOT is greater than 10%	10
de F	Non Interstate Reliability	
Provide Reliable and Efficient Options	Person miles traveled on Non Interstate NHS segment of road managed by FDOT reported as not reliable or below 50% on FDOT scale	20
	Community and/or Environmental Impact	
Create Quality Places	Potential negative impact on community or environment	0
Qua Pla	No impact to community or environment	5
	Potential positive impact on community or environment	10
.RTP Goals	Evaluation Criteria for Transportation Alternative Projects	Criteria Scoring
	Safety	
	Adjacent road has 1 or more car/pedestrian incidents past 5 years	20
fety	School Zone Safety	
nprove Safety	Project is within 1-2 miles from a K-12 school	4
No	Project is 1/2 mile to 1 mile from a K-12 school	10
	Project is within 1/2 mile of a K-12 school	16

16 ect is within 1/2 mile of a K-12 schoo oiect is within 1/4 mile of a K-12 schoo 18 20 roject is within 1/8 mile of a K-12 school 0 15 ts to network pletes connection/closes gap 30 ect Status/Funding Availability 10 dditional phase or connects to project in Five-Year Work Program or funded Local Capita provement Program 0 tential negative impact on community or environment 5 ct to community or environmen tential positive impact on community or environment 10 as of Limited Modal Choice ro Vehicle Household rate in project Census track 6.1% or higher 10

- Criteria now unique for Congestion Management and Transportation Alternatives
- TRIP criteria still based on Evaluation Check List

SCOP, SCRAP, MSCOP, and CIGP projects not evaluated by the HRTPO



tte Qual

Adopted: April 27, 2016 | Amended: November 28, 2018

Process for Priority Selection

- Project submission to HRTPO
- Project review by HRTPO staff
- Project submittal to FDOT
- Preliminary score review by local jurisdiction
- Project review by TAC and CAC
- Project review by HRTPO
- Ranking endorsement by TAC and CAC
- Priority List Adoption by HRTPO



Congestion Management (CM) Projects						
Jurisdiction Project Location Project Type						
City of Okeechobee	N 9th St and US 441	Signalization				
The project is to install traffic signalization in the intersection of Parrott St. (US Hwy 441) and NE/NW 9th St. in Okeechobee, FL. Project includes new signal system including mast arms, and Rail Road preemption for the rail crossing approximately 300' South of the intersection.						



Transportation Alternative (TA) Projects

Jurisdiction	Project Location	Project Length	Project Type
DeSoto	SW Kingsway Circle	2,300 LF	Sidewalk
DeSoto	SE Maple Drive	1,637 LF	Sidewalk
Highlands	Catfish Creek Rd	19,430 LF	Multi-Use Path
Highlands	Cemetery Rd	3,960 LF	Multi-Use Path
Highlands	Desoto Rd	3,326 LF	Multi-Use Path
Highlands	E O Douglas Ave	3,854 LF	Multi-Use Path
Highlands	School St	2,587 LF	Multi-Use Path
Hendry	Cowboy Way	2,990 LF	Sidewalk
Hendry	Harlem Academy Boulevard	780 LF	Sidewalk
City of LaBelle	LaBelle Street Lighting, MLK SR80 West	7,920 LF	Lighting



County Incentive Grant Program (CIGP) Projects

Jurisdiction	Project Location	Project Type
Highlands	Daffodil Street	CIGP
Highlands	Sebring Pkwy, Segment 1, Phase II	CIGP
Highlands	Sebring Pkwy, Segment 1, Phase III	CIGP
Highlands	Sebring Pkwy, Segment 1, Phase IV	CIGP
Highlands	W College Drive, Phase II	CIGP
Highlands	W College Drive, Phase II	CIGP
Hendry	Helms Road Extension	CIGP



Small County Outreach Program (SCOP) Projects

Jurisdiction	Project Location	Project Type
DeSoto	SW Liverpool Rd	SCOP
Hardee	Fish Branch Road	SCOP
Hardee	Old Town Creek Road	SCOP
Hendry	CR78: Lee County Line to West of Hidden Hammock Drive	SCOP
Hendry	CR78: West of Hidden Hammock Dr. to Kirby Thompson Rd.	SCOP
Highlands	Arbuckle Creek Rd Bridge	SCOP
Highlands	Catfish Creek Rd Bridge	SCOP
Highlands	Webster Turn Dr, Phase I	SCOP
Highlands	Webster Turn Dr, Phase II	SCOP



Small County Outreach Program (SCOP) Projects Cont.

Jurisdiction	Project Location	Project Type
Highlands	Old SR 8 - Archibold Rd to Hicoria Rd	SCOP
Highlands	Placid View Dr – Lost Lake Barn to Jamison Ave	SCOP
Highlands	Hammock Rd, Phase I – 1.25 Mi W of CR 635 to the wooden bridge	SCOP
Highlands	Hammock Rd, Phase II – wooden bridge to Hardee County line	SCOP
Highlands	Powerline Rd – W of Rail Road Crossing	SCOP
Highlands	CR 17A – DM Earnest to Abraham	SCOP
Highlands	Henscratch Rd – Lake Josephine Dr to Northern Blvd	SCOP
Okeechobee	NE 120th Street (Dark Hammond Road)	SCOP
Okeechobee	NE 80th Avenue	SCOP
Okeechobee	Berman Road	SCOP



Small County Road Assistance Program (SCRAP) Projects

Jurisdiction	Project Location	Project Type
DeSoto	SW Welles Avenue	SCRAP
Glades	Crescent Road	SCRAP
Glades	Cornelia Drive	SCRAP
Glades	Lake Drive West	SCRAP
Glades	CR 788 / Linda Road	SCRAP
Glades	Lake Circle	SCRAP
Glades	Hunter Road	SCRAP
Hendry	Hendry Isles Boulevard: SR80 to Arcadia Avenue	SCRAP
Hendry	Pine Cone Avenue: CR833 to Palm Street	SCRAP
Highlands	Arbuckle Creek Rd, Phase I – US 98 to Bishop Dairy Rd	SCRAP
Highlands	Arbuckle Creek Rd – Maranatha – Riverdale Rd to Martin Luther King Jr Boulevard	SCRAP





9) FDOT Update



10) Other Business

- Freight Prioritization
- SB 7068

MPOAC Freight Prioritization

- Projects must fall on a State Highway.
- Projects must be post-PD&E, have a PD&E funded or underway, or not require a PD&E to receive funding for construction.
- Projects should be unfunded, partially funded, or able to accept accelerated funding.

SR 70 SR 710 US 98



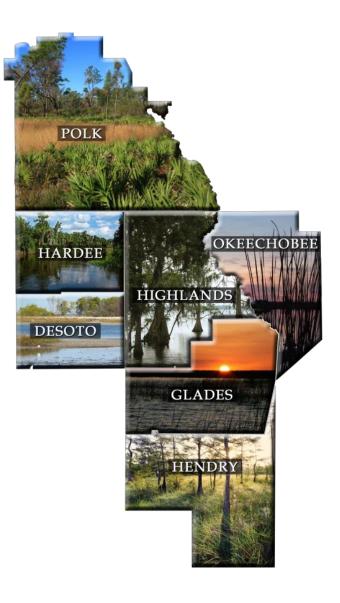
SB 7068: Multi-use Corridors of Regional Economic Significance Program

- Revitalize rural communities, encourage job creation, and provide regional connectivity while leveraging technology, enhancing quality of life and public safety, and protecting the environment and natural resources
- Names 3 new turnpike tolled corridors
- Commits an additional \$10 Million a year to SCOP, SCRAP, and the Transportation Disadvantaged Program
- Additional funds for workforce development (temporary)

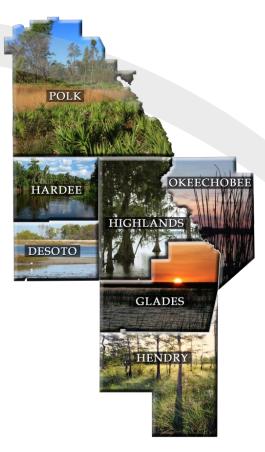




Central Florida Regional Planning Council



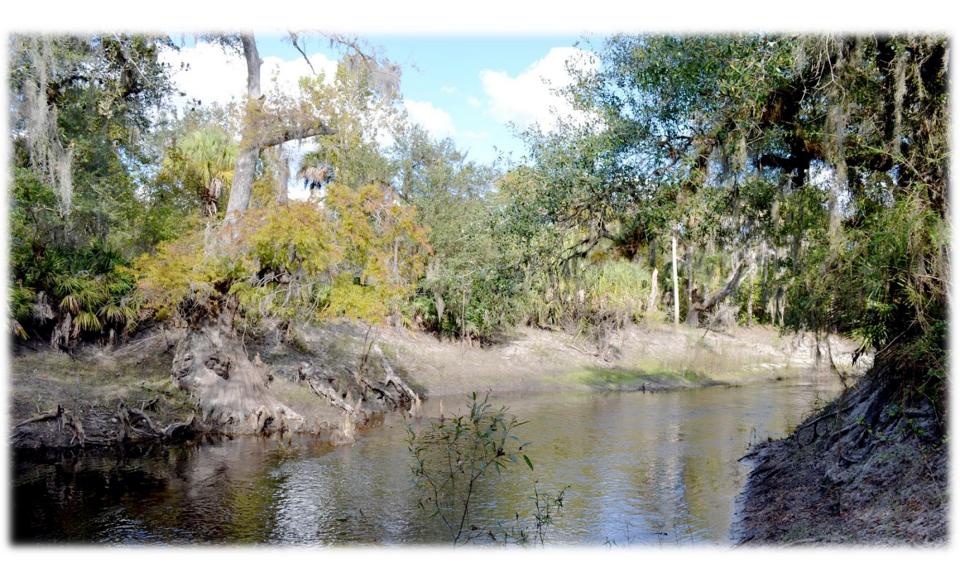




Our Heartland Values

Stewardship of Natural Resources





Our Water Resources





Respect for Agriculture





Our Communities





Our Communities





Future for Our Children





heartland2060

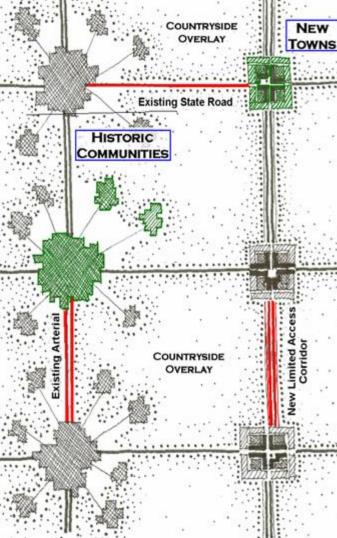
Education, Workforce, and Economic Development	Environment and Natural Resources	Transportation & Land Use	Community Resources
Economic Diversification	Water	Integrating with Natural Resources Planning	Health Care
Infrastructure to Support Diversified Economy	Sustainable and Viable Natural Systems	Supporting Economic Development	Cultural Identity
Early Learning, K-16, Lifelong	Agriculture	Ensuring Multimodal Connectivity	
Education	Energy/Climate	Enhancing and Creating Sustainable Communities	

Enhancing and Creating Sustainable Communities



Cultural Heritage





Multi-Modal Connectivity



Natural Resource Protection

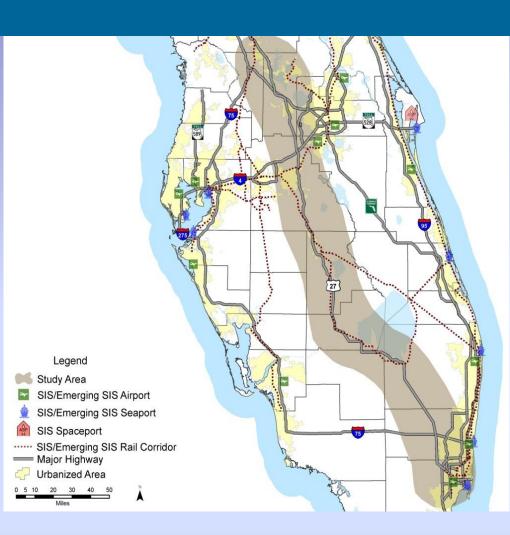






Southeast Florida-Heartland - Central Florida Study Area

- Potential for increased freight flows from Southeast
 Florida seaports and connections to proposed intermodal logistics centers
- US 27 Alternatives Study initiated to examine options including truck-only lanes, freight rail service
- Heartland 2060 regional vision will help guide future decisions about US 27

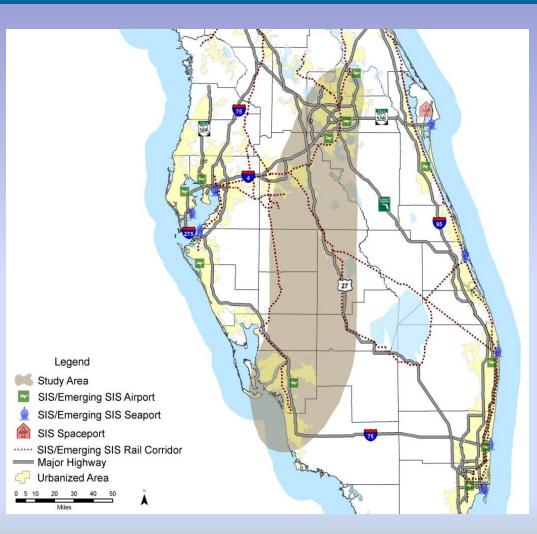






Southwest Florida-Heartland - Central Florida Study Area

- Examine need for more direct connection between Southwest, Central Florida
- Potential future need to provide alternative to I-75 for people and freight
- Heartland 2060 regional vision will help guide decisions about future growth and development

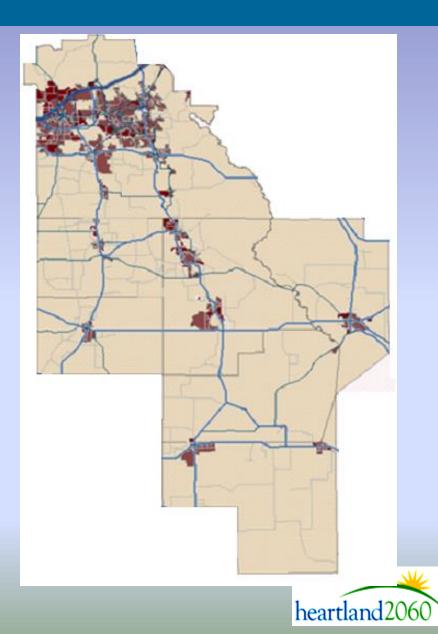






Linking Land Use & Transportation

- Connections between growth and development and transportation access
- Planning land use and transportation to sustain viable natural systems
- Enhancing mobility while preserving community character
- Linking visioning to land use and transportation planning







Population and Employment Projections

- As inputs:
- ✓ to scenario modeling for Heartland 2060 Regional Vision Plan
- and
- ✓ for the new Long Range Transportation
 Plan for the Heartland

SB 7068: Multi-use Corridors of Regional Economic Significance Program

- (a) Southwest-Central Florida Connector, extending from Collier County to Polk County.
- (b) Suncoast Connector, extending from Citrus County to Jefferson County.
- (c) Northern Turnpike Connector, extending from the northern terminus of the Florida Turnpike northwest to the Suncoast Parkway.



Corridor benefits and issues addressed:

- (a) Hurricane evacuation.
- (b) Congestion mitigation.
- (c) Trade and logistics.
- (d) Broadband, water, and sewer connectivity.
- (e) Energy distribution.
- (f) Autonomous, connected, shared, and electric vehicle 100 technology.
- (g) Other transportation modes, such as shared-use nonmotorized trails and freight and passenger rail.
- (h) Mobility as a service.
- (i) Availability of a trained workforce skilled in traditional and emerging technologies



SB 7068: Multi-use Corridors of Regional Economic Significance Program

- A regional task force to guide corridor alignment with the following representation:
 - a. The Department of Environmental Protection
 - b. The Department of Economic Opportunity
 - c. The Department of Education
 - d. The Department of Health
 - e. The Fish and Wildlife Conservation Commission
 - f. The Department of Agriculture and Consumer Services
 - g. The local water management district or districts
 - h. A local government official from each local government within a proposed corridor
 - i. Metropolitan planning organizations
 - j. Regional planning councils
 - k. Conservation or community non-profit organizations



Work underway now: Population and Employment Projections

- As inputs:
- to scenario modeling for Heartland 2060 Regional Vision Plan
- and
- for the 2045 Long Range Transportation
 Plan for the Heartland Regional TPO





11) CAC Member Updates



12) Next Meeting

May 23, 2019 CareerSource Heartland