# HRTPO <br> Heartland Regional <br> Transportation Planning Organization 

# Citizen Advisory Committee (CAC) 

## March 28, 2019

CareerSource Heartland
Sebring, FL

# HRTPO Heartland Regional <br> Transportation Planning Organization 

## 1) Call to Order

- Pledge of Allegiance
- Roll Call
- Announcements


## 2) Public Comment

## 3) Approval of Minutes*

January 24, 2019 Meeting

## n 127 <br> CORRIDOR

# UST27 MULTIMODAL CORRIDOR 

Overview

March 2019
FDOTY

## Why is US 27 important?

## Designated truck route

SIS facility - Strategic Intermodal System


## Study Area

## Lake County



Miami
Dade
County

## FDOT US 27 Multimodal Corridor Existing Conditions Study

### 1.1 Introduction

S 27 is a major north-south highway that serves the Southern and Midwestern United States. In Florida, US 27 extent from the City of Miami in Miamb-Dade County to the Fiorida-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 Lake County and as an Emerging SIS Highway Corridor from 1 -75 in Marion County to the Flond facilities, including the state's's largesta and most siggnificant airports, spaceports, deep-water seaports, treight rail lerminals, interregional rail and bus terminals, rail corridors, urban fixed guideway transit corridors, waterways, and highways. The SIS faclilites are the primary means for moving people and freight between Florida's diverse regions and etween Florida and other states, and have the highest statewide priority for transportation capacity improvements.

US 27 is a major freiggt corridor connecting $\mid+75,1-10,1,4$, and $\mid-95$. It is an important
In December 2017, the Florida Department of Transportation (FDOT) Central Office initiated the US 27 Existing Condition Data Study. The purpose of this study is to collect existing conditions data along the US 27 corridor from the Palmetto Data Study. The purpose of this study is to collect existing conditions data along the US 27 corrido f from the Palmetto
Expressway (SR 826 ) in Miami-Dade County to Florida's Turnpike (SR 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 feasibility 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 175 in Marion County was conducted by the FDOT systems Implementation Office in coordination with local governments, regional transportation planning agencies, FDO Districts, and other state agencies. The 310 -mile study traversed 10 counties in central and southeast Florida: MiamDade, Broward, Palm Beach, Hendry, Glades, Highlands, Poik, Lake, Sumter, and Marion. The study was performed ccess travel demand and freight movement along the US 27 corridor based on five measures: transportation, freigh
adation, the momentum for the US 27 Transportation Atternatives Study and other stucies such as this US 27 Existing Conditions Data Study stems from the Future Corridors Initiative set forth in the U.S, Transportation Secretary's Transportation Vision for the 21 st Century Plan. The vision for Florid's'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 developmen
in Florida. The Future Corridors Intitiative identified potential new corridor study areas as well as potential corridor rranstormation (reuse) study areas. This study is the first step toward identitying future needs for the US 27 corrido

## 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



## Safety: Crash Data

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


## Safety: Crash Data

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


## Safety: Crash Data

US 27 Total Number of Crashes 2012-2016
Between intersection


## Safety: Crash Data

US 27 Total Number of Crashes 2012-2016
Between intersection


## Safety: Crash Data



## Key Map

Hendry: 6

Glades: 6, 7, 8

Highlands: 8, 9, 10, 11


## Selections from Report














## FDOTf End Product

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



## FDOT) Report Benefits and Uses

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: <br> 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 <br> Monitoring |
| :---: | :---: | :---: |
| $0-1$ | Low | Annually |
| $2-3$ | Moderate | Bi-annually |
| $4-5$ | Elevated | Triennially |
| $>6$ | High | Quarterly |

## Noteworthy Practices



# Recommendations and Corrective Actions 

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

# Heartland Regional <br> Transportation Planning Organization 

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

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- FY 2018/19-2022/23
- Current TIP
- FY 2019/20-2023/24
- Next TIP


## Next TIP • Adopt June 20

For the
development of the FY
2020/21 2024/25 TIP
(June 2020)

## DRAFT Capacity Project Ranking

| Roadway | sevt | sman | sma | mamb | come | man | mast | , | momo | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 15 | 15 | 15 | - |  | 5 | 10 | 10 | 3 | 73 |
|  | 15 | 15 | 8 | - | 10 | 5 | - | - | 3 | 56 |
|  | - |  | 8 | - |  | 5 |  | - | 3 | 16 |
|  |  |  |  |  |  | 5 |  | 5 | 3 | 13 |

## Timeline of Adoption

## April 17

May

June 19

HRTPO review of draft
Committee Review and Endorsement, Public Comment Period

HRTPO Adoption

# HRTPO <br> Transportation Planning Organization 

## 8) FDOT Project Applications for FY 2025

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## HRTPO Evaluated Criteria, Amended November 28, 2018



- 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

## Process for Priority Selection

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

## Submitted Projects

## 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.

## Submitted Projects

| 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 |

## Submitted Projects

## 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 |

## Submitted Projects

## 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 <br> Hammock Drive | SCOP |
| Hendry | CR78: West of Hidden Hammock Dr. to Kirby <br> 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 |

## Submitted Projects

| 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 |

## Submitted Projects

## Small County Road Assistance Program (SCRAP) Projects

Jurisdiction

| 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 | Hune Circle | SCRAP |
| Glades | Hendry Isles Boulevard: SR80 to Arcadia Avenue | SCRAP |
| Hendry | Pine Cone Avenue: CR833 to Palm Street | SCRAP |
| Hendry | Arbuckle Creek Rd, Phase I - US 98 to Bishop <br> Dairy Rd <br> Highlands | Arbuckle Creek Rd - Maranatha - Riverdale Rd to <br> Martin Luther King Jr Boulevard |
| Highlands |  | 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.


## 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)


## heartland2060

## Central Florida Regional Planning Council



## Stewardship of Natural Resources

## heartland2060



## Our Water Resources

heartland2060


## Respect for Agriculture



## Our Communities

## heartland2060



## Our Communities

## heartland2060



## Future for Our Children



## Heartland 2060 Task Forces



Ensuring Multimodal Connectivity

Enhancing and Creating Sustainable Communities


## Enhancing and Creating Sustainable Communities

Economic Diversity


Cultural Heritage



## 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:
$\checkmark$ to scenario modeling for Heartland 2060 Regional Vision Plan
- and
$\checkmark$ 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:
$\checkmark$ 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

# HRTPO <br> Heartland Regional <br> Transportation Planning Organization 

## 12) Next Meeting

May 23, 2019
CareerSource Heartland

