METROPOLITAN PLANNING ORGANIZATION BOARD

9:00 a.m., Friday, January 21, 2022 Lee County Administration East Building 2201 Second Street, Room 118 Fort Myers, FL 33901



AGENDA

Call to Order Pledge of Allegiance Roll Call

- 1. Public Comments on Consent Agenda Items
- 2. *Consent Agenda
 - A. Approval of the November 19, 2021 Meeting Minutes
 - B. Amendment to the TAC Bylaws
 - C. Approval of the Corridor Congestion Dashboard Scope of Services
- 3. Public Comments will be taken on Each New Business Item.

Public Hearing Items

- 4. ^Review and Approve Amendments to the 2045 Long Range Transportation Plan to add the widening of Corkscrew Road project east of Alico Road, add in bicycle pedestrian projects in Fort Myers, adjust project limits, advance project phases and adjust cost estimates consistent with recent changes in five-year work programs (Don Scott)
- 5. ^Review and Approve an Amendment to the FY 2021/2022 through FY 2025/2026 Transportation Improvement Program to Add the Design Phase for a Sidewalk on the US 41 Caloosahatchee Bridge (Don Scott)
- 6. ^Review and Approve an Amendment to the Unified Planning Work Program to Reflect the Funding for the Cape Coral Evacuation Study in FY 2021/2022 (Don Scott)

New Business

- 7. *Adopt the 2022 Update of the Lee MPO Highway Safety Targets (Ron Gogoi)
- *Election of Officers for 2022 (Don Scott)
- 9. Update on the SR 865 (San Carlos Blvd) Project Development & Environment Study (FDOT)
- 10. Provide Input on the Joint Lee and Charlotte MPO Meeting Agenda Items (Don Scott)

Other Business

- 11. Public Comments on Items not on the Agenda
- 12. LeeTran/TD Report
- 13. FDOT Report
- 14. Announcements
- 15. Information and Distribution Items

Adjournment ^Roll Call Vote *Action Items *May Require Action

Public participation is solicited without regard to race, color, national origin, sex, age, disability, religion, or family status. Persons who require special accommodations under the Americans with Disabilities Act or persons who require translation services (free of charge) should contact Calandra Barraco with the Lee County MPO at 239-330-2243 or by email at cbarraco@leempo.com at least seven (7) days prior to the meeting. If you are hearing or speech impaired call (800) 955-8770 Voice / (800) 955-8771 TDD. The MPO's planning process is conducted in accordance with Title VI of the Civil Rights Act of 1964 and related statutes. Any person or beneficiary who believes they have been discriminated against because of race, color, national origin, sex, age, disability, religion, or familial status may file a complaint with the Lee County MPO Title VI Coordinator, Calandra Barraco, at 239-330-2243, or in writing at P.O. Box 150045. Cape Coral. Florida 33915-0045.

METROPOLITAN PLANNING ORGANIZATION BOARD

9:00 a.m., Friday, November 19, 2021 Lee County Administration East Building 2201 Second Street, Room 118 Fort Myers, FL 33901



Meeting Minutes

The meeting was called to order at approximately 9:03 a.m. by MPO Board Chair/Village of Estero Mayor Katy Errington. The Pledge of Allegiance was recited.

The roll was called by MPO staff. A quorum was present. Lee County MPO Board Members in attendance included Lee County Commissioners Frank Mann, Kevin Ruane, and Cecil Pendergrass; City of Cape Coral Councilmembers Dan Sheppard, Gloria Tate, and Keith Long; City of Fort Myers Councilmembers Teresa Watkins Brown and Johnny Streets Jr.; MPO Board Chair/Village of Estero Mayor Katy Errington; City of Sanibel Vice-Mayor Richard Johnson; and City of Bonita Springs Councilmembers Fred Forbes and Laura Carr.

Others in attendance included the following - L. K. Nandam, Wayne Gaither, Victoria Peters, Steven Davis, Mark Mathes, and Tanya Merkle with FDOT; Dale Cody with Metric Engineering; Persides Zambrano with the City of Cape Coral; Derek Rooney with GrayRobinson; Lee County MPO staff Don Scott and Ron Gogoi; Robert Codie with LeeTran; Lee County IT staff; and Dave Loveland, Randy Cerchie, and Rob Price with Lee County.

Agenda Item #1 - Public Comments on Consent Agenda Items

There were no public comments on Consent Agenda Items.

Agenda Item #2 - *Consent Agenda

- A. Approve the September 17, 2021 Meeting Minutes
- B. Approve Appointments of Two CAC Members
- C. Approve the TIGER Project Data Collection Scope of Services

Councilmember Fred Forbes made the motion to approve the Consent Agenda Items. Vice-Mayor Richard Johnson seconded the motion. There were no objections, and the motion passed unanimously.

Agenda Item #3 - Public Comments will be Taken at Each New Business Item

Chair Katy Errington noted that public comments will be taken at each agenda item.

Public Hearing Item

Agenda Item #4 - ^Approval of Amendments to the FY 2021/2022 through FY 2025/2026

Transportation Improvement Program to Advance the McGregor and US 41/Crystal Drive
Safety Projects and to Add the Design Phase for a Sidewalk on the US 41 Caloosahatchee

Bridge

Mr. Don Scott presented this agenda item for the approval of amendments to the Transportation Improvement Program (TIP) to advance the McGregor and US 41/Crystal Drive Projects and to add the design phase for a sidewalk on the US 41 Caloosahatchee Bridge. The amended TIP pages were attached to the agenda packet, posted to the MPO website, and presented as slides at the meeting. Mr. Scott reviewed the following projects: The first project is a median modification project on McGregor Boulevard from Cypress Lake Drive to Edinburgh Drive that is being advanced from FY 2024 to the current fiscal year and will be constructed under a Design Build project, the second project is the US41/Crystal Drive intersection safety project that is being advanced from FY 2025 to

the current fiscal year and will also be constructed under a Design Build project, and the third project is new and is adding the design phase in FY 2022 for the addition of a sidewalk to the US 41 Caloosahatchee Bridge. He asked if there were any questions. The committee discussed the American Rescue funding, priorities for use of funding, feasibility study for Caloosahatchee Bridge, cost estimate for Caloosahatchee Bridge, projected/anticipated use of facility, inaccuracy of cost estimates, design build, merit of project, investing money in bridge at right time, use of project to encourage economic development, perceived lack of amenities in North Fort Myers, history of adding project to list, possible removal of project to next meeting, benefits of completing project and making bridge walkable, growth of Lee County, historical effectiveness of facilities built in Lee County, high rate of bike ped crashes in Lee County, connection of communities through project, age of bridge, and replacement schedule.

Councilmember Laura Carr made a motion to approve the Amendments to the TIP. Councilmember Teresa Watkins Brown seconded the motion.

The committee discussed the total cost of the project, impacts on flow of traffic and lane size, funding other projects instead, sources of funding, shovel ready projects for Federal funding, loss of opportunity and funding if project doesn't get approved, time frame for funding, MPO priority list, lack of other projects that are ready to construct, quickness of project advancement, possibility that local jurisdictions might have projects to submit as well, lack of projects on priority list that qualified for this specific type of funding, increase of project costs, splitting this project off and approving at a later meeting, return on investment for project, additional information needed to make better informed decision, bridge life expectancy longer than projected, ensuring all available funding is used, accelerating projects to qualify for funding, candidate projects for discretionary funding and timeline for those production ready projects, loss of funding for community if project is voted down, and possibility that another project could be used that might have larger return on investment.

Commissioner Frank Mann made another motion to split the approval of the TIP amendments into individual votes.

The committee further discussed the definite loss of funding if the Caloosahatchee Bridge project is not approved, possibility of workshop to discuss other projects and needs due to higher growth in certain areas, confusion as to funding sources, and motions on floor. Mr. Derek Rooney clarified the motions and options available. The committee discussed withdrawing the original motion and second. Chair Errington asked if the original motion maker and second would like to withdrawal. Councilmember Carr replied no. Councilmember Watkins Brown replied no.

Commissioner Kevin Ruane made a second to Commissioner Frank Mann's motion to split the approval of the TIP amendments into individual votes.

The committee again discussed the funding amount and sources and the lack of shovel ready projects. Mr. L. K. Nandam asked the MPO Board to allow FDOT to develop a report on the return of investment for the project and bring it back to the MPO Board in January. Chair Errington asked for clarification on the motions. Mr. Rooney clarified, and Commissioner Mann restated his motion. The committee further discussed the project, funding, separating the votes, shuffling of funding, lack of concern for loss of millions of dollars of funding, and additional clarification of the motion and process.

Mr. Scott took a roll call vote to separate the TIP amendments into individual votes. The motion passed with ten in favor and two opposed.

Mr. Scott said the first TIP amendment for approval was for the median modification project on McGregor Boulevard from Cypress Lake Drive to Edinburgh Drive.

A roll call vote was taken to approve the TIP Amendment for the median modification project on McGregor Boulevard from Cypress Lake Drive to Edinburgh Drive. The motion passed with ten in favor and two opposed.

Mr. Scott said the second TIP amendment for approval was for the US41/Crystal Drive intersection safety project.

A roll call vote was taken to approve the TIP Amendment for the US41/Crystal Drive Intersection Safety Project. The motion passed with all in favor.

There was a brief discussion to determine if this TIP amendment for the Caloosahatchee Bridge could be brought back at the January meeting and the availability of funding. Commissioner Mann asked for the Caloosahatchee Bridge TIP Amendment to be brought back as an agenda item at the January meeting. Mr. Scott said he would add it to the agenda.

A roll call vote was taken to approve the TIP Amendment for the addition of a sidewalk to the US 41 Caloosahatchee Bridge. The motion failed with eight opposed and four in favor.

Commissioner Frank Mann made the motion to add the Caloosahatchee Bridge TIP Amendment to the January meeting agenda.

Mr. Scott said he would add the item to the January agenda. Councilmember Carr clarified that the \$15 million in funding would not be available then. Mr. Scott responded that was what was currently being said.

New Business

Agenda Item #5 - Review of the Draft Tentative Work Program for FY 2022/2023 through FY 2026/2027

Mr. Nandam with FDOT presented this agenda item for the review of the Draft Tentative Work Program for FY 2022/2023 through FY 2026/2027. The Draft Tentative Work Program can be viewed here: https://leempo.com/wp-content/uploads/LEE-COUNTY_Draft-Tentative-Work-Program_FY2023-to-FY2027.pdf Mr. Nandam turned the presentation over to Ms. Tanya Merkle. Ms. Merkle first showed FDOT's state work program video. The state video can be viewed here: https://youtu.be/Lpp4WaLRhr8 Ms. Merkle then provided an overview of the Draft Tentative Work Program for District One. She also showed FDOT's District One video. The District One video can be viewed here: https://www.youtube.com/watch?v=vi5OdUrrSVw Mr. Gogoi provided a presentation with slides that included information on multimodal box fund priorities, federal and state funded priorities, and highway safety fund priorities. Mr. Scott asked if there were any questions. There were none. The MPO staff presentation can be viewed here: https://leempo.com/wp-content/uploads/Agenda-Item-5-11192021-Work-Program-MPO-Presentation.pdf

<u>Agenda Item #6 - Presentation on the US 41 Florida Regional Advanced Mobility Elements</u> (FRAME) <u>Project</u>

Mr. Steven Davis with FDOT presented this agenda item on the US 41 Florida Regional Advanced Mobility Element (FRAME). He introduced Mr. Mark Mathes with FDOT and Mr. Dale Cody with Metric Engineering. Mr. Davis then provided a Power Point presentation that included slides with information on project details, project approach, and stakeholders. Mr. Cody continued the presentation with slides on pilot project locations, plan development, system engineering, evaluation of connected vehicle applications, equipment used, contractors used, procurement analysis, timeframes, and next steps. Mr. Cody asked if there were any questions. The presentation can be viewed here: https://leempo.com/wp-content/uploads/Agenda-Item-6-US-41-FRAME_FINAL_11-15-2021-compressed-002.pdf Mr. Nandam mentioned the history of US 41 as a high crash corridor and

the selection of the location for safety purposes. The committee discussed the timeframe for implementation on vehicles, timeframe for FRAME projects on local roadways, and example of Tesla use in Orlando. Chair Errington thanked the presenters.

Agenda Item #7 - Review and Comment on the Proposed 2045 Long Range Plan Amendments

Mr. Scott presented this agenda item for the review of and input on the proposed amendments to the 2045 Long Range Transportation Plan (LRTP). He mentioned MPO staff is proposing LRTP amendments/modifications to be voted on at the January MPO Board meeting. He reviewed the following amendments that are being considered: Amend the Lee County project list to add in the widening of Corkscrew Road from Alico Road to Verdana Village (About 4.5 miles), Add in the list of City of Fort Myers bicycle pedestrian projects matching the amount of \$5,000,000 in funding that was set aside for projects once the Fort Myers Bicycle Pedestrian Plan was completed, Add in a project identification column to provide a reference for reviewers that are not familiar with local road names, and Advance the SR 31 design phase to match the FDOT Tentative Work Program. The committee discussed the fatalities in the Corkscrew area. The presentation can be viewed here: https://leempo.com/wp-content/uploads/Agenda-Item-7-LRTP-Amendments.pdf The committee further discussed the Corkscrew area and development, lack of infrastructure, history of the Corkscrew area and growth, growth projections, and traffic.

Agenda Item #8 - Information on the Recently Passed Federal Infrastructure Bill

Mr. Scott presented this information only agenda item on the recently passed Federal Infrastructure Bill. He mentioned the extension of the Federal Transportation Act (FAST Act) for the next five years. The following link provides an overview of the sections of the bill from NARC's Infrastructure Investment and Jobs Act Bill Analysis: https://leempo.com/wp-content/uploads/M08a.Bipartisan-IIJA-Analysis.pdf Mr. Scott then reviewed the percent funding increases. The slide on Federal Bill percent increase can be viewed here: https://leempo.com/wp-content/uploads/Agenda-Item-8-Federal-Bill-percent-increase.pdf Mr. Scott also discussed other funding sources, issues with the bill, increase in construction costs and projections, and upcoming tasks. Mr. Scott asked if there were any comments. Mr. Nandam commented on determining opportunities to go after discretionary programs, building a list of projects, and ensuring shovel ready projects. The Board discussed clarification on the process, and possible modification of procedures to move projects forward.

Other Business

Agenda Item #9 - Public Comments on Items not on the Agenda

There were no public comments on items not on the agenda.

Agenda Item #10 - LeeTran/TD Report

Mr. Robert Codie with LeeTran provided the LeeTran/TD report.

Agenda Item #11 - FDOT Report

Ms. Tanya Merkle with FDOT presented the FDOT report.

Agenda Item #12 - Announcements

Mr. Scott reminded the Board that there was no December meeting this year and that the next meeting was on January 21, 2022.

Agenda Item #13 - Information and Distribution Items

There were no information and distribution items.

The meeting was adjourned at approximately 11:00 a.m.

An audio recording of the entire meeting can be accessed here:

https://soundcloud.com/user-390911534/11-19-2021-mpowma?si=de4cf45900054b278f6ba3b80733097d

^Roll Call Vote *Action Items *May Require Action

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REVIEW AND APPROVE AN AMENDMENT TO THE TAC BYLAWS

RECOMMENDED ACTION: Approve an amendment to the TAC bylaws to add a voting member for the Village of Estero Public Works Department (attached).

The TAC bylaws are being amended to add an additional TAC voting member for the Village of Estero, representing their Public Works Department. The attached bylaw change includes recognizing an Estero representative from Community Development and an Estero representative from Public Works, consistent with several of the other local jurisdictions. The TAC unanimously approved this item at their January 6th meeting.



TECHNICAL ADVISORY COMMITTEE BYLAWS

May 15, 2020 January 21, 2021

815 Nicholas Parkway East Cape Coral, Florida 33990

Mailing Address: P.O. Box 150045 Cape Coral, Florida 33915-0045 239-244-2220

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SECTION 1. NAME

The name of this Committee shall be the Technical Advisory Committee of the Lee County Metropolitan Planning Organization.

SECTION 2. PURPOSE

- Α. As stated in the Bylaws of the Lee County Metropolitan Planning Organization, Section 339.175, Florida Statutes, specifies the authority and responsibility of the MPO and the Florida Department of Transportation for the management of the continuing, cooperative, and comprehensive transportation planning process for the urbanized area that is consistent with the federal laws and regulations. in cooperation with the Florida Department of Transportation shall appoint technical advisors to the MPO who shall act as a collegial body known as the MPO Technical Advisory Committee and shall include planners, engineers, and other appropriate employees of, or contractors and volunteers performing similar functions for Lee County, the signatory municipalities of the interlocal agreement creating the MPO, the Lee County Port Authority, the school board, Charlotte County Punta Gorda MPO, the Collier County MPO, the Southwest Florida Regional Planning Council and the Lehigh Acres Municipal Services Improvement District. Representatives of other local, regional, state, and federal agencies may be non-voting associate members of the Technical Advisory Committee if required by federal or state law or regulations, at the Governor's request or upon appointment by a majority of the MPO policy board or of the voting members of the Committee. Implemented 339.175, F.S.
- B. The functions of the Committee shall include, but not be limited to the following:
 - (1) To promote communication and coordination among members;
 - (2) To identify and resolve common problems;
 - (3) To continually coordinate transportation planning and programming;
 - (4) To be responsible for technical evaluations of various Transportation Studies, plans, programs or public information documents and advise the MPO therefore;
 - (5) To make priority recommendations to the Metropolitan Planning Organization Board for transportation plans and program implementation based on the needs as determined by technical studies;

- (6) Review and provide recommendations to the MPO on transportation plans, programs and amendments as they are developed;
- (7) Provide continuing liaison with local, state, and federal agencies involved in the transportation planning process.

SECTION 3. MEMBERSHIP

- A. The directors of the public agencies and local government departments and/or divisions identified below shall each appoint one (1) person to represent it on the Committee. Persons appointed to the Committee shall be technically qualified representatives employed by that agency, department, or division for the purpose of planning, engineering, and/or administration, with responsibility comprehensive planning or the operation, control, development, or improvement of the transportation system. Smaller municipalities without professionally staffed community development, planning, transportation, engineering, or public works departments or divisions may instead appoint one administrator with responsibility for all of these functions or a member of a volunteer board that performs or advises the municipality on such functions. Written notification shall be given to the MPO staff agency concerning appointment or replacement of members. A list of current Technical Advisory Committee members, their titles, and the agencies, departments, or divisions they represent shall be maintained by the MPO staff agency. The following governments/agencies shall be regular members and have one voting representative on the Technical Advisory Committee:
 - Lee County Department of Community Development
 - Lee County Department of Transportation
 - Lee County Port Authority
 - Lee County Transit
 - Lee County School Board
 - Cape Coral Department of Community Development
 - Cape Coral Department of Public Works
 - Cape Coral Mini Bus Service
 - City of Fort Myers Division of Planning
 - City of Fort Myers Division of Engineering
 - Town of Fort Myers Beach
 - City of Sanibel Department of Planning
 - City of Sanibel Department of Public Works
 - City of Bonita Springs
 - Village of Estero Community Development
 - Village of Estero Public Works
 - Collier County MPO
 - Southwest Florida Regional Planning Council

- Charlotte County Punta Gorda MPO
- Lehigh Acres Municipal Services Improvement District

The following Associate member Agencies shall be advisory members and be non-voting representatives:

- Florida Gulf Coast University
- Community Transportation Coordinator
- Lee County Tourist Development Council
- Florida Utilities Coordinating Committee
- South Florida Water Management District
- Southwest Florida Enterprise Center
- Department of Environmental Protection
- Governor's Energy Office
- Florida Fish and Wildlife Conversation Commission
- U.S. Environmental Protection Agency
- U.S. Fish and Wildlife Service
- U.S. Army Corps of Engineers
- B. Alternate members may be designated to act on behalf of regular and associate members with all the privileges accorded thereto; with the exception of serving as an officer. Alternates shall be similarly technically qualified as the regular and associate members and possess the appropriate knowledge and skills to represent those public agencies, local government departments and/or divisions identified above. Alternates shall indicate on the attendance roster when they are acting as the representative of a member agency, department, or division. The MPO staff agency shall be notified in writing of the appointment or replacement of an alternate representative by the director of the member agency, department, or division.
- C. All Committee members must identify themselves on the attendance roster as to the agency, department, or division represented; and the type of member (regular or associate).

SECTION 4. OFFICERS AND DUTIES

- A. A Chairman and a Vice Chairman of the Committee shall be elected at the first regularly scheduled meeting of each calendar year and shall hold the offices until their successors are elected.
- B. Any regular member or alternate may nominate a regular member (except an RPC or Collier MPO or Charlotte County-Punta Gorda MPO representative) as an

- officer. All elections shall be by the majority vote of the regular members or their alternates present.
- C. The Chairman shall preside at all meetings and shall be responsible for the conduct of all meetings. Agendas shall be available at least seven (7) days prior to any regularly scheduled meeting. The Chairman shall also serve as a liaison between the Technical Advisory Committee and the Lee County MPO whenever the need arises. In the absence of the Chairman, his/her alternate may sit as a regular member of the Committee.
- D. The Vice Chairman shall, during the absence of the Chairman or his/her inability to serve, have and exercise all of the duties and powers of the Chairman. The Vice Chairman shall also perform such other duties as may be assigned him/her by the Chairman. In the absence of the Vice Chairman, the alternate may sit as a regular member of the Committee.
- E. The MPO staff duties shall include the recording, preparation and distribution of the minutes of each Technical Advisory Committee meeting. The Lee County MPO staff shall assist the Chairman in handling Technical Advisory Committee correspondence, ensure that any pertinent information is distributed to all Technical Advisory Committee members, and be responsible for maintaining a current list of the names of regular, associate and alternate members.
- F. If both the Chairman and Vice Chairman are absent from a meeting, a temporary Chairman shall be elected.
- G. Any vacancy in office created by resignation or replacement of an officer by the appointing signatory agency shall be filled by a majority vote of regular members present or their alternates. The officer so elected shall fill the remainder of the unexpired term of the vacant office.
- H. If, at any time, the Committee feels that an officer is not performing his duties in accordance with Section 4, Subsection C & D, or has missed three (3) consecutive meetings, that officer may be removed from office by a two-thirds vote of the regular members or their alternates present at a regular meeting, provided that an item to that effect has been placed on the tentative agenda at a regular meeting to be voted on at the next regular meeting and has been distributed in accordance with Section 5, Subsection B, of these Bylaws.

SECTION 5. MEETINGS

- A. Regular meetings of the Committee shall take place at 9:30 a.m. on the first Thursday of each month.
- B. An eight (8) day notice should be given for the cancellation, rescheduling, or relocation of regular meetings. Special meetings may be called by the Chairman, or, if two or more regular members request such a meeting. Special meetings should have a minimum of three (3) days notice, indicating the reason for the meeting and notifying all signatory agencies.
- C. Agendas shall be prepared prior to all meetings. Agendas should be mailed with meeting notices and, whenever possible, minutes of the previous meeting, at least eight (8) days prior to any regular meeting. Regular members may place items on the tentative agenda by notification of the MPO Director or his designee.
- D. Any item requiring Committee action may be brought before the Committee by any member, even though it is not on the agenda. The Committee shall decide if action is to be taken at that meeting or at a subsequent meeting.
- E. Whenever reports are to be given, copies should be prepared for each member of the Committee. When possible, said copies should be e-mailed with meeting notices.
- F. A quorum shall consist of 7 primary voting members, or their alternates.
- G. Meetings will be open to the public. The public may be allowed the right to speak or participate in the discussion at the discretion of the Committee.
- H. When a TAC member abstains from a vote due to a conflict they must complete Form 8B which is included in Attachment A. TAC member conflict of interest and compliance issues are guided by Section 112.3143 of the Florida Statutes.

SECTION 6. **SUBCOMMITTEES**

- A. Subcommittees may be designated and members appointed by the Chairman of the Technical Advisory Committee as necessary to investigate and report on specific subject areas of interest.
- B. All progress and results of subcommittee activities shall be reported to the Committee upon request by the Chairman.

SECTION 7. AMENDMENTS

A. These Bylaws may be amended by the affirmative vote of two-thirds of the voting members or their alternates present, provided a copy of the proposed amendment shall have been presented to and discussed at the previous monthly meeting. All proposed amendments shall be voted on at regular meetings.

SECTION 8. PRIOR AGREEMENT

A. These Bylaws supersede and replace any and all Bylaws adopted by the Technical Advisory Committee.

SECTION 9. **EFFECTIVE DATE**

A. These Bylaws and any amendments to the Bylaws will become effective upon the endorsement of the Lee County MPO Board.

REVIEW AND APPROVAL OF THE CORRIDOR CONGESTION DASHBOARD SCOPE OF SERVICES

RECOMMENDED ACTION: Review and approve the **attached** draft scope

of services for the corridor congestion

dashboard project.

The **attached** scope has been drafted to develop a corridor congestion dashboard to display and report existing and future Lee County specific performance measures. The project will include placeholders for future enhancements to include additional data, such as the origin and destination data that will be collected and analyzed as part of a separate project. The TAC and CAC unanimously approved this item at their respective meetings held on September 2, 2021.

LEE MPO CORRIDOR CONGESTION DASHBOARD SCOPE OF SERVICES

BACKGROUND

The Lee County MPO desires to develop a Dashboard that can interactively display corridor congestion data on its major corridors for the existing and future conditions. The corridor congestion data will include, but not limited to average speeds, average traffic counts, congested miles travelled, vehicle miles travelled, number of lanes, functional class/facility type characteristics. The existing conditions data will be obtained from FDOT and various other data sources. The Dashboard will also present future conditions (2045 data), based on the District 1 Regional Planning Model (D1RPM). The Dashboard will be developed using the opensource R programming language and it will have no additional software ownership costs to the agency. The opensource platform will enable future enhancements to the dashboard as needed.

The Dashboard will provide useful data summaries derived from detailed and complex databases such as RITIS/HERE. The Dashboard can help identifying the existing and future bottlenecks in the region and can help the MPO's goal of identifying appropriate congestion mitigation strategies. The CONSULTANT already obtained the data from FDOT for the available major corridors (highlighted in red) in the MPO area, as shown in **Figure1**.

While the dashboard will be primarily designed for reporting congestion-related statistics, it will have placeholders for future enhancements for including additional MPO analyses as they come available, such as the origin-destination patterns and trip characteristics in the region.

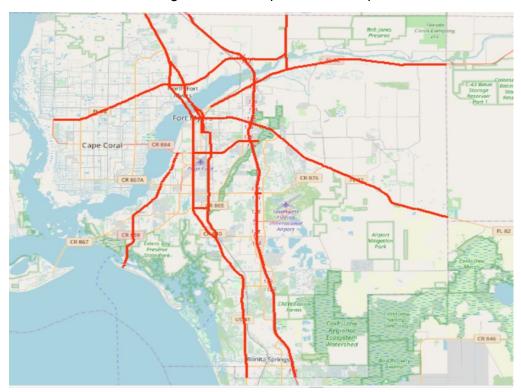


Figure 1: Major corridors that have travel time/congested speed data in Lee MPO

This analysis will use two database applications for the existing conditions, RITIS and HERE, for determining the congested conditions. Various summaries from these data sources generated by FDOT will be used for this effort. RITIS is a situational awareness, data archiving, and analytics platform that summarizes and reports real-time traffic conditions of speed and congestion, conducts reliability analysis and other traffic related factors. FDOT obtained summaries of congested speeds by time of day and roadway segment from HERE.

In addition, for the future conditions, the data from D1RPM will be extracted and used.

The total timeline of the complete project will consist of an eight month period. The timeline is flexible and adjustable.

STUDY AREA

The Study Area for this analysis is the entire Lee MPO area, specifically focused on its major corridors. Through the course of the study, the MPO and CONSULTANT will work to finalize the reporting measures to be included in the Dashboard. This will allow for analysis of congested corridors within Lee County. In addition, the Dashboard will have placeholders in the event more data comes available in future.

STUDY OBJECTIVES

Once completed, it is anticipated that the results of the study will aid the MPO in better understanding the existing and future congestion related statistics to support ongoing and future transportation planning studies. The corridor congestion data during the peak period and peak direction will help plan for targeted improvements focusing on the congestion relief. This study will complement the on-going MPO Planning activities including development of the next LRTP travel demand model, review of Congestion Management Process strategies, establishing baseline conditions for corridors with planned transportation improvements, and evaluating travel decisions during the COVID-19 Pandemic and the return to work among others. The dashboard will also be developed with a goal of helping the local jurisdictions with their various reporting requirements. A Project Steering Committee will be set up with representatives from the Traffic Management and Operations Committee that represent each of the jurisdictions to help guide the development of the dashboard format and content.

SCOPE OF SERVICES

Task 1: Project Management and Administration

Following the Notice to Proceed, the CONSULTANT will develop an initial project schedule. The CONSULTANT will schedule a project kickoff meeting with MPO staff after developing a project schedule and a work plan outline to discuss the project scope and MPO staff expectations. During the kickoff meeting, the MPO and the CONSULTANT will solidify the corridors to be studied and the performance measures to be reported in the Dashboard.

Monthly coordination meetings will be held with the MPO and CONSULTANT to review progress and outcomes of the analysis being conducted.

Task 1 Deliverables:

- Project Schedule
- Attend and Summarize project Kickoff Meeting (1 meeting)
- · Monthly status of project progress
- Monthly coordination calls (5 meetings)

Task 2: Develop Data for the Dashboard Display

The CONSULTANT will develop a complete, concise, and achievable work plan for the project. The work plan will identify and explain the study and sources of information that would provide details on the data used for developing the Dashboard information. Key parameters and assumptions such as Study corridors, peak hour and peak direction travel times, speeds, traffic volumes, congested miles travelled, vehicle miles traveled, etc., will be obtained in coordination with MPO staff and the Project Steering Committee Team. The following are some of the data items that will be displayed in the Dashboard:

- Roadway network (Open Streets Map)
- Major Corridors with segment codes and available travel time data
- D1RPM Model networks
- D1RPM Model TAZ data
- Origin-Destination Subareas and data
- Data information to be displayed for existing and future conditions. Data summaries obtained from FDOT through sources such as RITIS, HERE will be used for this analysis.
 For future long-range conditions the output data from D1RPM will be used.
 - Number of lanes
 - Peak hour directional volume
 - Daily directional volume
 - Functional class
 - Facility type
 - Begin and end mileposts
 - Average speed weekday/weekend
 - Centerline miles
 - Lane miles
 - VMT/PMT
 - Truck percentage
 - Average truck volume

Task 2 Deliverable:

Work Plan with assumptions of the data to be included in the Dashboard.

Task 3: Develop the Dashboard

Using the methodology developed in Task 2, GIS shapefiles and other database files will be created for the identified corridors. Using R programming language and its packages, a user-friendly Dashboard will be developed. Existing and future data will be displayed in separate tabs/menus, in coordination with the MPO and Steering Committee. Interactive selection options will be added so that the user can identify the segments of the corridors that have specific characteristics. An example of the Dashboard from the D1RPM developed by the CONSULTANT is provided in Figure 2.

Task 3: Deliverables:

- 1. Dashboard that can be opened in a web browser with additional features.
 - a. Options to copy/download the data/images
 - b. Interactive query building options

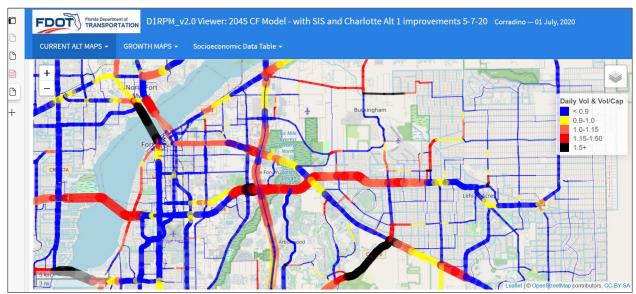


Figure 2: Example Dashboard from D1RPM

Task 4: Presentations and Documentation

The CONSULTANT will hold up to 4 meetings with a Project Steering Committee through the course of the Study. The CONSULTANT will present the final report to the MPO committees including the Traffic Management Operations Committee, the Technical Advisory Committee, the Citizens Advisory Committee, and the MPO Executive Committee. Following comments and input from committee members and the public at these meetings, the CONSULTANT will develop the final Report.

Deliverables:

- 4 Steering Committee meetings and Presentations
- The Final Report will include an executive summary, project objectives, and summarized results. The report will include relevant maps, graphics, and a section on how to use the Dashboard.
- Finalized Dashboard in electronic format and its supporting R programming scripts will be provided.

The budget for this project is \$49,000.

APPROVE AMENDMENTS TO THE 2045 LONG RANGE TRANSPORTATION PLAN

RECOMMENDED ACTION:

Approve amendments to the 2045 Long Range Transportation Plan (LRTP) to add the widening of Corkscrew Road east of Alico Road and adjust project costs and project phases consistent with recent changes with programmed projects over the next five years.

The MPO staff is proposing amendments/modifications to the 2045 Long Range Transportation Plan that include the following:

- Add the design, right-of-way and construction project phases for the widening
 of Corkscrew Road from two to four lanes between Alico Road and Verdana
 Village. The design and right-of-way phases are included in the 2026 to 2030
 time frame and the construction phases is included in the 2031 to 2035 time
 frame.
- Add in the list of the City of Fort Myers bicycle pedestrian projects consistent with the projects identified in the recently completed Fort Myers Bicycle Pedestrian Master Plan.
- Adjust project costs and project phases to match the Transportation Improvement Program and local Capital Improvement Program projects.
- Advance the design phase for the SR 31 project from SR 80 to SR 78 into the 2021-2025 time frame to match the FDOT Tentative Work Program.
- Extend the Hanson Street project limits from Fowler Street to Veronica Shoemaker to match the previously adopted Cost Feasible map and what was included in the transportation model.
- Revise the cost feasible map to match the amended project list.
- Add in a project identification column to provide a reference for reviewers that are not familiar with the local road names.

Attached are the proposed underline and strike through changes to the document and tables. The TAC and CAC unanimously approved this item at their respective meetings held on January 6th.



Table 5-6: Bicycle Pedestrian Cost Feasible Project List

Jurisdiction	Roadway	Project Limits	Length	Facility	Phase	Cost	Notes
Fort Myers Beach	Estero Blvd	Phase 2	N/A	Replace SW Pavers	CST	\$469,322	
Fort Myers Beach	Estero Blvd	Phase 3	N/A	Replace SW Pavers	CST	\$413,194	
Bonita Springs	US 41	Bonita Beach Rd to Pelican Colony Blvd	4.30	Shared Use Path	PE + CST	\$4,793,873	
Bonita Springs	West Terry Street	Pine Avenue to Old US 41	0.25	Shared Use Path	CST	\$471,870	
Bonita Springs	Pauling/Pine Street	Pauling St: Pine Ave to Old US 41	0.22	Shared Use Path	CST	\$123,786	
Bonita Springs	Bonita Drive	Old US 41 to Streetsboro Lane	1.00	Shared Use Path	CST	\$370,021	
Bonita Springs	Cochran Street	Cochran: Pine Ave to Old US 41	0.20	Shared Use Path	CST	\$180,705	
Bonita Springs	East Terry Street	Imperial Pkwy to Lyles Road	0.17	Shared Use Path	CST	\$529,697	
Bonita Springs	East Terry Street	Lyles Road to Palm Bay Court	0.19	Shared Use Path	CST	\$783,482	
Bonita Springs	East Terry Street	Palm Bay Court to I-75	0.23	Shared Use Path	CST	\$822,547	
Cape Coral	Skyline Blvd	Cape Coral Pkwy to El Dorado Pkwy	0.93	Shared Use Path	CST	\$533,912	
Cape Coral	Gator Circle	De Navarra to Ramsey	1.04	Sidewalk	CST	\$392,782	
Cape Coral	Gator Circle/Averill	Averill to De Navarra	0.82	Sidewalk	CST	\$449,385	
Cape Coral	SW 10th Street	Chiquita Blvd to Skyline Blvd	0.97	Sidewalk	CST	\$561,600	
Cape Coral	Gator Circle	Ramsey to NE 37th Terrace	1.10	Sidewalk	CST	\$412,620	
Cape Coral	Gator Circle	NE 37th Terrace to Averill	1.43	Sidewalk	CST	\$529,661	
MPO	US 41	Magnolia Landing to Charlotte Co/L	1.08	Sidewalk	PE + CST	\$1,860,000	
МРО	US 41	Caloosahatchee Bridge	1.00	Sidewalk	PE	\$3,750,000	CST Funding other sources
ee County	Pine Island Road	Stringfellow Rd to Veterans Blvd	5.47	Shared Use Path	CST	\$4,595,894	
ee County	Alabama Rd	SR 82 to Paddock Street	2.20	Sidewalk	PE + CST	\$1,728,000	
1PO	SW Pine Island	Veterans Pkwy to Santa Barbara Blvd	4.28	Shared Use Path	PE + CST	\$4,135,450	
ee County	Summerlin Road	Pine Ridge Rd to Winkler Rd	2.48	Shared Use Path	PE + CST	\$2,396,250	
Bonita Springs	E Terry St	Morton Ave to Bonita Grande Drive	0.80	Shared Use Path	PE + CST	\$773,000	
ee County	McGregor Blvd (SR 867)	Sanibel Causeway to McGregor Blvd	1.90	Shared Use Path	PE + CST	\$1,835,800	
ee County	North River Rd	SR 31 to Hendry County Lane	11.90	Shared Use Path	PE + CST	\$11,500,000	
ee County	Treeline Ave	Colonial Blvd to Pelican Preserve Blvd	0.64	Shared Use Path	PE + CST	\$617,600	
stero	Williams Road	Kings Road to Three Oaks Parkway	1.10	Sidewalk	PE + CST	\$864,000	
stero	Corkscrew Road	Koreshan St. Park to US 41	0.50	SUP & Sidewalk	PE + CST	\$942,000	
ee County	Gladiolus Drive	Maida Lane to US 41	0.68	Sidewalk	PE + CST	\$534,100	
ee County	Daniels Parkway	Commerce Drive to SR 82	2.50	Shared Use Path	PE + CST	\$2,415,000	
ee County	Joel Blvd.	Ocean Park Drive to Tuckahoe Road	0.75	Shared Use Path	PE + CST	\$724,300	
ort Myers Beach	First/Crescent/Third & Fifth Streets	First Street to Estero Blvd		Sidewalks	PE + CST	\$223,200	
ape Coral	Hancock Bridge Pkwy	Ne 15th Place to City Limits	1.20	Sidewalk	PE + CST	\$942,500	
ape Coral	Garden Blvd	DeNavarra Pkwy to Del Prado Blvd.	0.70	Sidewalk	PE + CST	\$549,800	
ape Coral	Andalusia Blvd.	Diplomat Pkwy. To End (north)	2.10	Sidewalk	PE + CST	\$1,649,400	
ape Coral	SE 8th Street	Santa Barbara Blvd to Cultural Park Blvd	1.00	Sidewalk	PE + CST	\$785,500	
ape Coral	SE 24th Avenue	Viscaya Pkwy to SE 15th Terrace	1.60	Sidewalk	PE + CST	\$1,256,700	
ape Coral	Pondella Road	NE Pine Island Road to Hibiscus Drive	0.90	Sidewalk	PE + CST	\$636,200	
ort Myers Projects	Nuna Avenue	Ballard Road to Tice Street	1.36	Shared Use Path	PE + CST	<u>\$676,936</u>	TBD from Master Plan
ort Myers	South/Highland/Canal Streets	Details in FM Bike Ped Plan	2.11	Bike Blvd./Bile Lns/SUP	PE + CST	\$877,864	
ort Myers	McGregor Blvd.	US 41 to Colonial Blvd.	3.36	Bike Lanes	PE + CST	\$1,947,546	
ort Myers	Challenger Blvd.	Colonial Blvd. to Six Mile Cypress Pkwy	2.23	Bike Lanes	PE + CST	\$663,780	
ort Myers	Winkler Avenue	Colonial Blvd to Six Mile Cypress Parkway	2.52	Bike Lanes	PE + CST	\$730,000	
	ing Plan and Implement				PE + CST	\$250,000	
uffered Bike Lanes			3.00	Bike Lane		\$1,500,000	

2045 Transportation Plan (*)















TBD \$2,000,000 Bike Ped Safety Action Plan Countermeasures

\$60,303,151 <u>65,199,277</u> \$65,200,000 Total **Available Revenues**

2045 Transportation Plan

(*) (*) (*) (*) (*) (*)













5.4 Cost Feasible Roadway Projects

5.4.1 Project Cost Assumptions

Planning-level cost estimates were developed for each roadway widening and intersection modification project using the FDOT District 1 Costing Tool Version 2.0 unless specific cost estimates had been developed through a Design or Engineering study.

Inflation Factors

Unit Cost estimates based on the FDOT District 1 Costing Tool are listed in FY 2019 dollars. Since the passage of SAFETEA-LU was signed into law in August 2005, MPOs have been required to develop a cost feasible LRTP using inflation rates provided by FDOT to reflect the future YOE dollars. Inflation factors are listed in **Table 5-7** by project phase and the corresponding time period that were used to convert project costs from 2019 dollars to the future YOE costs presented later in this chapter.

Product Urban Right-of-Way Suburban and Rural Construction **Time Period** Support **Factor Right-of-Way Factor** Factor **Factor** 1.189 1.045 1.189 1.045 1.189 1.256 2024-2025 1.189 2026-2030 1.32 1.250 1.32 1.189 1.32 1.160 1.32 1.341 1.55 1.345 2031-2035 1.55 1.414 1.55 1.512 1.55 1.577 2036-2045 2.051.600 <u>2.05</u> 2.196 2.051.684 2.05-1.855

Table 5-7: Inflation Factors

Roadway Costs

Where there were not more detailed cost estimates available from the local jurisdictions or FDOT, roadway construction unit costs were derived from the standard roadway typical sections and based on a per centerline mile basis as provided in Version 2.0 of the Costing Tool with Version 3.1 Costing Data. Costs for intersection, roundabout and interchange projects were also developed for the Costing Tool when local, more detailed data, was not available and are included as a per intersection cost.

Cost estimates for the Project Development and Environmental (PD&E) and Preliminary Engineering (PE) phases were calculated based on a percentage of overall construction cost at five and 15 percent, respectively. In addition to construction, PD&E, and PE costs, right-of-way costs were also considered in the overall project cost estimates. Right-of-way costs were estimated based on choosing a range from high to low on a per acre basis for each area type (urban, suburban, and rural). The unit costs for this were also provided by FDOT District One.

5.4.2 Roadway Projects

The evaluation criteria detailed in **Chapter 4** were used to rank transportation projects identified in the Needs Plan **Table 4-1**. The result of this prioritization and evaluation of the roadway needs compared with the availability of revenues resulted in the 2045 Cost Feasible Projects displayed in **Map 5-2**. Included in the Cost Feasible Plan are

- Reconstruction of 9 bridges
- 6 major intersection/interchange improvements

2045 Transportation Plan















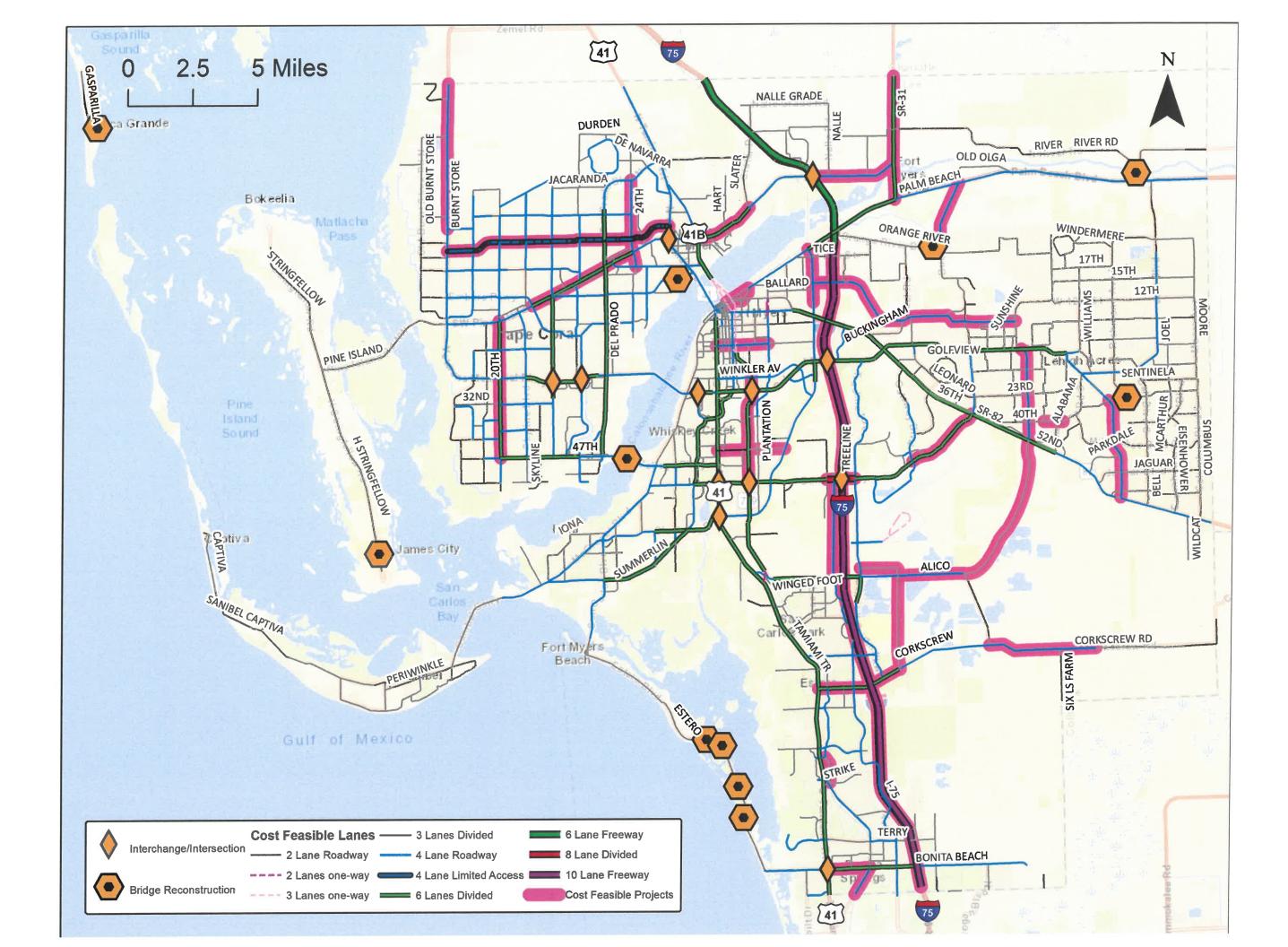




Table 5-8: Cost Feasible Projects: Lee County Funded Road Projects (\$1,000)

Project Identifier	Road Name	From	То	Improvement	Phase	2021-2025	2026-2030	2031-2035	2036- 2045	Total Cost (YOE)	Total Cost (PDC)
LC1	Big Carlos Bridge Replacement	N/A	N/A	Bridge	CST	\$ 47,810 <u>45,138</u>	\$0	\$0	\$0	\$ 47,810 <u>45,138</u>	\$ 47,810 <u>45,138</u>
	Cape Coral Bridge Replacement	N/A	N/A	Bridge	PE	\$ 9,000 <u>13,149</u>	\$0	\$0	\$0	\$ 9,000 13,149	\$ 9,000 <u>13,149</u>
LC2	Cape Coral Bridge Replacement	N/A	N/A	Bridge	CST		\$128,000	\$0	\$0	\$128,000	\$99,100
LC3	New Pass, Little Carlos and Big Hickory Bridges	N/A	N/A	Bridges	PE	\$ 4,266 <u>6,527</u>	\$0	\$0	\$0	\$ 4,266 <u>6,527</u>	\$ 4,266 <u>6,527</u>
	New Pass, Little Carlos and Big Hickory Bridges	N/A	N/A	Bridge	CST		\$59,000	\$0	\$0	\$59,000	\$46,716
LC4	Orange River Bridge Replacement	N/A	N/A	Bridge	PE/CST		\$0	\$3,820	\$0	\$3,820	\$2,420
LC5	Alva Bridge Replacement	N/A	N/A	Bridge	PE/CST		\$0	\$28,210	\$0	\$28,210	\$17,889
LC6	Harbor Drive Bridge Replacement	N/A	N/A	Bridge	PE/CST		\$0	\$3,220	\$0	\$3,220	\$2,044
LC7	Stringfellow Bridge Replacement	N/A	N/A	Bridge	PE/CST		\$0	\$2,760	\$0	\$2,760	\$1,751
LC8	Hancock Creek Bridge Replacement	N/A	N/A	Bridge	PE/CST		\$0	\$6,180	\$0	\$6,180	\$3,919
LC9	Alico Road/Connector	Airport Haul Road	SR 82	Widen 2L to 4L/New 2L	PE/ROW	\$ 7,240 <u>10,759</u>	\$0	\$0	\$0	\$ 7,240 10,759	\$ 7,240 <u>10,759</u>
	Alico Road/Connector	Airport Haul Road	SR 82	Widen 2L to 4L/New 2L	CST		\$124,000	\$0	\$0	\$124,000	\$96,881
	Airport Haul Road Ext	Alico Road	Corkscrew Road	New 2L	PE		\$0	\$12,500	\$0	\$12,500	\$7,930
LC10	Airport Haul Road Ext	Alico Road	Corkscrew Road	New 2L	ROW		\$0	\$0	\$32,940	\$32,940	\$15,000
	Airport Haul Road Ext	Alico Road	Corkscrew Road	New 2L	CST		\$0	\$0	\$109,920	\$109,920	\$59,260
<u>LC11</u>	Bonita Beach Road	US 41	Old US 41	4L to 6L	ROW/CST		\$0	\$33,900	\$0	\$33,900	\$25,700
	Burnt Store Road	SR 78	Tropicana Pkwy	Widen 2L to 4L	CST	\$18,000	\$0	\$0	\$0	\$18,000	\$18,000
<u>LC12</u>	Burnt Store Road	Van Buren Parkway	Janis Road	Widen 2L to 4L	CST	\$0	\$0	\$12,535	\$0	\$12,535	\$7,950
	Burnt Store Road	Janis Road	Durden Parkway	Widen 2L to 4L	CST	\$0	\$0	\$14,700	\$0	\$14,700	\$9,300
	Burnt Store Road	Durden Parkway	Charlotte Co/Line	Widen 2L to 4L	CST	\$0	\$0	\$15,900	\$0	\$15,900	\$10,100
<u>LC13</u>	Corkscrew Road	Ben Hill Griffin Parkway	Alico Road	Widen 2L to 4L	CST	\$41,385	\$0	\$0	\$0	\$41,385	\$41,385

















Project Identifier	Road Name	From	То	Improvement	Phase	2021-2025	2026-2030	2031-2035	2036-2045	Total Cost (YOE)	Total Cost (PDC)
	Buckingham Road	Orange River	Palm Beach Blvd	Widen 2L to 4L	PE		\$0	\$7,420	\$0	\$7,420	\$5,250
<u>LC14</u>	Buckingham Road	Orange River	Palm Beach Blvd	Widen 2L to 4L	ROW		\$0	\$15,120	\$0	\$15,120	\$10,000
	Buckingham Road	Orange River	Palm Beach Blvd	Widen 2L to 4L	CST		\$0	\$0	\$64,930	\$64,930	\$35,000
	Corkscrew Road	Three Oaks Pkwy	1-75	Widen 4L to 6L	PE		\$ 1,010 <u>0</u>	\$ 0 <u>1,190</u>	\$0	\$ 1,010 <u>1,190</u>	\$810
LC15	Corkscrew Road	Three Oaks Pkwy	1-75	Widen 4L to 6L	ROW		\$0	\$3,020	\$0	\$3,020	\$2,000
	Corkscrew Road	Three Oaks Pkwy	I-75	Widen 4L to 6L	CST		\$0	\$ 7,100	\$ 0 - <u>8,350</u>	\$ 7,100 <u>8,350</u>	\$4,500
LC16	Crystal Drive	US 41	Metro Parkway	Reconstruct/3L	PE/ROW/CST		\$0	\$16,160	\$0	\$16,160	\$10,250
LC17	Crystal Drive Extension	Plantation Road	Six Mile Cypress Pkwy	New 2L	PE/ROW/CST		\$0	\$12,730	\$0	\$12,730	\$8,075
	Homestead Road	Milwaukee Boulevard	Sunrise Boulevard	Widen 2L to 4L	PE		\$2,810	\$0	\$0	\$2,810	\$2,250
<u>LC18</u>	Homestead Road	Milwaukee Boulevard	Sunrise Boulevard	Widen 2L to 4L	ROW		\$0	\$6,050	\$0	\$6,050	\$4,000
	Homestead Road	Milwaukee Boulevard	Sunrise Boulevard	Widen 2L to 4L	CST		\$0	\$23,660	\$0	\$23,660	\$15,030
	Homestead Road	Milwaukee Boulevard	SR 82	Widen 2L to 4L	PE		\$0	\$5,520	\$0	\$5,520	\$3,900
LC19	Homestead Road	Milwaukee Boulevard	SR 82	Widen 2L to 4L	ROW		\$0	\$9,830	\$0	\$9,830	\$6,500
	Homestead Road	Milwaukee Boulevard	SR 82	Widen 2L to 4L	CST		\$0	\$0	\$48,230	\$48,230	\$26,000
LC20	Littleton Road	Corbett Road	US 41	Widen 2L to 3L	CST	\$ 12,000 <u>13,411</u>	\$0	\$0	\$0	\$ 12,000 <u>13,411</u>	\$ 12,000 <u>13,411</u>
	Daniels Parkway	Gateway Boulevard	SR 82	Widen 4L to 6L	PE		\$0	\$ 4,960	\$ <u>5,830</u>	\$ 4,960 <u>5,830</u>	\$3,700
LC21	Daniels Parkway	Gateway Boulevard	SR 82	Widen 4L to 6L	CST		\$0	\$0	\$61,360	\$61,360	\$33,080
	Ortiz Avenue	Dr Martin Luther King Jr Blvd	Luckett Road & Luckett to I-75	Widen 2L to 4L	PE	\$ 1,450 <u>3,714</u>	\$0	\$0	\$0	\$ 1,450 <u>3,714</u>	\$ 1,450 <u>3,714</u>
<u>LC22</u>	Ortiz Avenue	Dr Martin Luther King Jr Blvd	Luckett Road & Luckett to I-75	Widen 2L to 4L	CST	\$ <u>28,475</u>	\$ 25,200 <u>0</u>	\$0	\$0	\$ 25,200 <u>28,475</u>	\$ 19,400 <u>28,475</u>
LC23	Ortiz Avenue	Luckett Road	Palm Beach Blvd	Widen 2L to 4L	CST		\$0	\$26,590	\$0	\$26,590	\$16,860
<u>LC24</u>	Ortiz Avenue	Colonial Boulevard	Dr Martin Luther King Jr Blvd	Widen 2L to 4L	CST	\$ 20,025 <u>16,520</u>	\$0	\$0	\$0	\$ 20,025 <u>16,520</u>	\$ 20,025 <u>16,520</u>
<u>LC25</u>	Three Oaks Extension North	North of Alico Road	Daniels Parkway	New 4L	CST	\$ 73,550 <u>92,404</u>	\$0	\$0	\$0	\$ 73,550 <u>92,404</u>	\$ 73,550 <u>92,404</u>
1.000	Veterans Parkway		at Santa Barbara Boulevard	Intersection	PE		\$0	\$5,480	\$0	\$5,480	\$3,970
<u>LC26</u>	Veterans Parkway		at Santa Barbara Boulevard	Intersection	CST		\$0	\$39,730	\$0	\$39,730	\$26,480
LC27	Colonial Boulevard	McGregor Boulevard	US 41	Major Intersections/TBD	CST		\$0	\$70,100	\$0	\$70,100	\$44,450
LC28	Major Intersection Improvements			Operational & Safety Improvements	PE/ROW/CST		\$ <u>6,000</u>	\$ 40,000 <u>9,000</u>	\$100,000	\$ 140,000 <u>115.000</u>	\$ 74,600 <u>64,100</u>
	40th Street Extension	East end of 4th Street	Alabama Road	New 2L	PE		\$0	\$ 440 <u>0</u>	\$ <u>594</u>	\$ 440 <u>594</u>	\$320
<u>LC29</u>	40th Street Extension	East end of 4th Street	Alabama Road	New 2L	ROW		\$0	\$0	\$4,850	\$4,850	\$2,070
	40th Street Extension	East end of 4th Street	Alabama Road	New 2L	CST		\$0	\$0	\$4,050	\$4,050	\$2,120

2045 Transportation Plan

(*) (*) (*) (*) (*)















Project Identifier	Road Name	From	То	Improvement	Phase	2021-2025	2026-2030	2031-2035	2036-2045	Total Cost (YOE)	Total Cost (PDC)
	Corkscrew Road	Alico Road	<u>Verdana Village</u>	<u>2L to 4L</u>	<u>PE</u>		<u>\$9,800</u>	<u>\$0</u>	<u>\$0</u>	<u>\$9,800</u>	<u>\$7,308</u>
LC30	Corkscrew Road	Alico Road	<u>Verdana Village</u>	<u>2L to 4L</u>	ROW		\$10,700	<u>\$0</u>	<u>\$0</u>	<u>\$10,700</u>	<u>\$9,000</u>
	Corkscrew Road	Alico Road	<u>Verdana Village</u>	<u>2L to 4L</u>	CST		<u>\$0</u>	\$62,500	<u>\$0</u>	<u>\$62,500</u>	<u>\$39,600</u>
	Corkscrew Road	US 41	Three Oaks Parkway	4L to 6L	PE		\$0	\$ 3,260 _0	\$ <u>4,267</u>	\$ 3,260 - <u>4,267</u>	\$2,300
<u>LC31</u>	Corkscrew Road	US 41	Three Oaks Parkway	4L to 6L	ROW		\$0	\$0	\$1,060	\$1,060	\$500
	Corkscrew Road	US 41	Three Oaks Parkway	4L to 6L	CST		\$0	\$0	\$28,490	\$28,490	\$15,360
	Sunshine Blvd	SR 82	Lee Blvd	2L to 4L	PE		\$0	\$8,950	\$0	\$8,950	\$6,330
LC32	Sunshine Blvd	SR 82	Lee Blvd	2L to 4L	CST		\$0	\$0	\$78,230	\$78,230	\$42,170
	Luckett Road	East of I-75	Buckingham Road	New 4L	PE		\$0	\$0	\$12,771	\$12,771	\$6,230
<u>LC33</u>	Luckett Road	East of I-75	Buckingham Road	New 4L	ROW		\$0	\$0	\$61,828	\$61,828	\$30,160
	Luckett Road	East of I-75	Buckingham Road	New 4L	CST		\$0	\$0	\$85,178	\$85,178	\$41,550
	Luckett Road	Buckingham Road	Gunnery Road	Widen 2L to 4L	PE		\$0	\$0	\$6,478	\$6,478	\$3,160
LC34	Luckett Road	Buckingham Road	Gunnery Road	Widen 2L to 4L	ROW		\$0	\$0	\$17,500	\$17,500	\$8,540
	Luckett Road	Buckingham Road	Gunnery Road	Widen 2L to 4L	CST		\$0	\$0	\$43,130	\$43,130	\$21,040
	Luckett Road	Gunnery Road	Sunshine Boulevard	New 4L	PE		\$0	\$0	\$8,670	\$8,670	\$4,230
LC35	Luckett Road	Gunnery Road	Sunshine Boulevard	New 4L	ROW		\$0	\$0	\$41,960	\$41,960	\$20,470
	Luckett Road	Gunnery Road	Sunshine Boulevard	New 4L	CST		\$0	\$0	\$57,800	\$57,800	\$28,200
	*				Total Cost:	\$ 234,726 289,482	\$ 334,310 340,310	\$ 413,255 <u>456,775</u>	\$ 869,375 882,586	\$ 1,837,576 <u>1,831,623</u>	\$ 1,194,821 1,294,305
					Revenues:	\$ 234,726 289,482	\$341,500	\$457,800	\$1,062,960	\$ 2,096,986 2,151,742	















Table 5-9: Cost Feasible Projects: State/Other Arterial/ Federal SU Funded Road Projects (\$1,000)

Project dentifier	Road Name	From	То	Improvement	Phase	2021-2025	2026-2030	2031- 2035	2036- 2045	Total Cost (YOE)	Total Cost (PDC)	Funding Sources
<u>dentiner</u>	Countywide Signal System Updates, Final Phase			ITS	PE		\$1,500	\$0	\$0	\$1,500	\$1,200	SU, SA, DDR
<u>S1</u>	Countywide Signal System Updates, Final Phase			ITS	CST		\$10,730	\$0	\$0	\$10,730	\$8,000	SU, SA, DDR
	Metro Parkway	South of Daniels Parkway	Winkler Avenue	Widen 4L to 6L/CFI	ROW	\$18, 070 <u>284</u>	\$0	\$0	\$0	\$18, 070 <u>284</u>	\$18, 070 <u>284</u>	DDR, DS,DIH
	Metro Parkway	South of Colonial Blvd	Winkler Avenue	Widen 4L to 6L/CFI	CST		\$49,620	0	\$0	\$49,620	\$37,700	OA
<u>S2</u>	Metro Parkway	South of Daniels Parkway	North of Daniels Parkway	CFI	CST		\$27,620	0	\$0	\$27,620	\$20,900	OA
	Metro Parkway	North of Daniels Parkway	South of Colonial Blvd.	Widen 4L to 6L	CST		\$37,820	0	\$0	\$37,820	\$28,650	OA
<u>\$3</u>	Big Carlos Bridge Replacement Repayment			Reconstruct Bridge	CST	\$8,500	\$16,500	\$0	\$0	\$25,000	\$21,000	SU/SA
<u>\$4</u>	San Carlos Boulevard	Estero Blvd	Summerlin Road	Intersection Improvements	CST	\$ 5,990 <u>8,206</u>	\$0	\$0	\$0	\$ 5,990 <u>8,206</u>	\$ 5,990 <u>8,206</u>	SU/TALU
	Old US 41	Collier County Line	Bonita Beach Road	Add Lanes & Reconstruct	PE		\$2,640	\$0	\$0	\$2,640	\$2,110	SU
<u>S5</u>	Old US 41	Collier County Line	Bonita Beach Road	Add Lanes & Reconstruct	ROW		\$5,800	\$0	\$0	\$5,800	\$4,880	SU
	Old US 41	Collier County Line	Bonita Beach Road	Add Lanes & Reconstruct	CST		\$0	\$22,170	\$0	\$22,170	\$14,300	SU
	US 41 at Six Mile			Intersection Imp.	PD&E	\$1,500	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	\$1,500	\$1,500	DS/SU
	US 41 at Six Mile Cypress			Intersection Improvements	PE		\$4,690	\$0	\$0	\$4,690	\$3,553	OA
<u>\$6</u>	US 41 at Six Mile Cypress			Intersection Improvements	ROW		\$0	\$7,560	\$0	\$7,560	\$4,880	OA
	US 41 at Six Mile Cypress			Intersection Improvements	CST		\$0	\$39,430	\$0	\$39,430	\$29,870	OA
	SR78	W. of Santa Barbara	24th Avenue	Widen 4L to 6L	PD&E		\$0	\$3,090	\$0	\$3,090	\$2,190	OA
<u>S7</u>	SR 78	W. of Santa Barbara	24th Avenue	Widen 4L to 6L	PE		\$0	\$9,270	\$0	\$9,270	\$6,000	OA
	SR 78	W. of Santa Barbara	24th Avenue	Widen 4L to 6L	CST		\$0	\$0	\$81,080	\$81,080	\$43,710	OA
	SR 78	I-75	SR 31	Widen 2L to 4L	PE		\$3,080	\$0	\$0	\$3,080	\$2,330	OA
<u>S8</u>	SR 78	1-75	SR 31	Widen 2L to 4L	ROW		\$0	\$6,770	\$0	\$6,770	\$4,370	OA
	SR 78	I-75	SR 31	Widen 2L to 4L	CST		\$0	\$25,860	\$0	\$25,860	\$16,700	OA
	SR 78	Old US 41	Slater Road	Widen 4L to 6L	PD&E		\$0	\$1,920	\$0	\$1,920	\$1,360	OA
<u>S9</u>	SR 78	Old US 41	Slater Road	Widen 4L to 6L	PE		\$0	\$0	\$8,360	\$8,360	\$4,080	OA
	SR 78	Old US 41	Slater Road	Widen 4L to 6L	CST		\$0	\$0	\$50,400	\$50,400	\$27,200	OA

2045 Transportation Plan















										Total Cost	Total Cost	Funding
<u>Project</u> <u>Identifier</u>	Road Name	From	То	Improvement	Phase	2021-2025	2026-2030	2031- 2035	2036-2045	(YOE)	(PDC)	Sources
<u>S10</u>	Fowler Street	Metro/Fowler Cross over	Dr Martin Luther King Jr Blvd	Reconstruction	PD&E/PE/ROW/CST		\$5,500	\$28,700	\$0	\$34,200	\$22,670	OA
	Burnt Store Road	Van Buren Parkway	Charlotte County Line	Widen 2L to 4L	PE		\$8,090	\$0	\$0	\$8,090	\$6,130	SU
611	Burnt Store Road	Van Buren Parkway	Charlotte County Line	Widen 2L to 4L	ROW		\$15,680	\$0	\$0	\$15,680	\$13,514	SU
<u>S11</u>	Burnt Store Road	Van Buren Parkway	Janis Road	Widen 2L to 4L	CST		\$0	\$12,535	\$0	\$12,535	\$7,950	SU, LF
	Burnt Store Road	Janis Road	Durden Parkway	Widen 2L to 4L	CST		\$0	\$14,700	\$0	\$14,700	\$9,300	SU, LF
	Burnt Store Road	Durden Parkway	Charlotte Co/Line	Widen 2L to 4L	CST		\$0	\$15,900	\$0	\$15,900	\$10,100	SU, LF
610	SR 31	SR 80	SR 78	Widen 2L to 6L	ROW		\$0	\$23,780	\$0	\$23,780	\$16,400	OA
<u>S12</u>	SR 31	SR 80	SR 78	Widen 2L to 6L	CST		\$0	\$0	\$164,000	\$164,000	\$80,000	OA
<u>S13</u>	Cape Coral Evacuation Study			Access	Planning	\$300	\$0	\$0	\$0	\$300	\$300	SU, LF
	US 41/Bonita Beach Road	Intersection		Intersection	PE		\$3,190	\$0	\$0	3,190	2,400	OA
	US 41/Bonita Beach Road	Intersection		Intersection	ROW		\$5,940	\$0	\$0	5,940	4,500	OA, LF, SU
<u>\$14</u>	US 41/Bonita Beach Road	Intersection		Intersection	CST		\$0	\$26,800	\$0	26800	17,300	OA, LF, SU
	US 41/SR 78	Intersection		Intersection	PE		\$750	\$0	\$0	750	570	OA
<u>S15</u>	US 41/SR 78	Intersection		Intersection	CST		\$8,050	\$0	\$0	8050	6,100	OA
<u>S16</u>	ACES Technology Support				Capital		\$5,000	\$9,000	\$50,000	\$64,000	\$33,900	OA, SU
<u>S17</u>	Transit Operations Congestion Management				OPS							OA
<u>S18</u>	US 41 Caloosahatchee River Bridge	Fort Myers	North Fort Myers	Sidewalk one side	PE*/CST		\$13,600	\$0	\$0	\$13,600	\$10,800	SU, GFSU, OA, LF
<u>S19</u>	Major Intersections/Interchanges			Operational & Safety Improvements	P/R/CST		\$400	\$10,000	\$150,000	\$170,000	\$88,300	OA, SU
					Total Cost:	\$ 32,860 36,790	\$226,200	\$257,485	\$503,840	\$1, 016,385 033,915	\$ 628,477 <u>643,207</u>	
					Revenues:	\$ 32,860 36,790	\$226,600	\$258,020	\$538,910	\$1, 056,390 060,320		

Project Phases - PD&E: Project Development and Environment; PE: Project Engineering and Design; ROW: Right-of-Way; CST: Construction

Funding Sources - SU: Federal Surface Transportation Program Urban Area funds >200,00; SA: Federal Surface Transportation Program any area; OA: State Other Arterial funding; DDR: State District Dedicated Revenue; LF: Local Funding; DIH: State District In-house

Other - ACES: Automated, Connected, Electric & Shared Vehicle Technology

*PE at \$3.75 million was previously identified on the bicycle pedestrian cost feasible list















Table 5-10: Cost Feasible Projects: City of Bonita Springs Road Projects (\$1,000)

Project Identifier	Road Name	From	То	Improvement	Phase	2021-2025	2026-2030	2031-2035	2036-2045	Total Cost (YOE)	Total Cost (PDC)
	US 41 at Bonita Beach Road			Intersection	PE		\$1,980	\$0	\$0	\$1,980	\$1,500
<u>B1</u>	US 41 at Bonita Beach Road			Intersection	ROW		\$5,000	\$0	\$0	\$5,000	\$3,800
	US 41 at Bonita Beach Road			Intersection	CST		÷ \$0	\$11,200	\$0	\$11,200	\$7,200
<u>B2</u>	Bonita Beach Road	Old US 41	US 41	Reconstruction	CST		\$0	\$42,930	\$0	\$42,930	\$27,700
	Sandy Lane Extension	Strike Lane	Pelican Colony	New 2L	PE		\$0	\$3,400	\$0	\$3,400	\$1,650
<u>B3</u>	Sandy Lane Extension	Strike Lane	Pelican Colony	New 2L	ROW		\$0	\$0	\$22,730	\$22,730	\$10,660
_	Sandy Lane Extension	Strike Lane	Pelican Colony	New 2L	CST		\$0	\$0	\$29,710	\$29,710	\$11,090
					Total Cost:		\$6,980	\$57,530	\$52,440	\$116,950	\$63,600
	I				Revenues:		\$39,270	\$58,090	\$200,861	\$298,221	

Table 5-11: Cost Feasible Projects: City of Cape Coral Road Projects (\$1,000)

Businet		HIEROTE								Total Cost	Total Cost
<u>Project</u> <u>Identifier</u>	Road Name	From	То	Improvement	Phase	2021- 2025	2026-2030	2031-2035	2036-2045	(YOE)	(PDC)
	Diplomat Parkway	Burnt Store Road	US 41	4L to 4L Limited Access	PE		\$0	\$7,104		\$7,104	\$4,580
<u>C1</u>	Diplomat Parkway	Burnt Store Road	US 41	4L to 4L Limited Access	ROW		\$0	\$10,840		\$10,840	\$7,000
	Diplomat Parkway	Burnt Store Road	US 41	4L to 4L Limited Access	CST		\$0	\$0	\$77,380	\$77,380	\$37,750
	Chiquita Boulevard	Cape Coral Parkway	Pine Island Road	Widen 4L to 6L	PE		\$0		\$14,880	\$14,880	\$7,250
<u>C2</u>	Chiquita Boulevard	Cape Coral Parkway	Pine Island Road	Widen 4L to 6L	ROW		\$0	\$0	\$43,920	\$43,920	\$21,400
	Chiquita Boulevard	Cape Coral Parkway	Pine Island Road	Widen 4L to 6L	CST		\$0	\$0	\$129,850	\$129,850	\$63,300
	NE 24th Avenue	Pondella Road	NE 28th Street	Widen 2L to 4L	PE		\$5,490	\$0	\$0	\$5,490	\$4,160
<u>C3</u>	NE 24th Avenue	Pondella Road	NE 28th Street	Widen 2L to 4L	ROW		\$23,070	\$0	\$0	\$23,070	\$17,500
	NE 24th Avenue	Pondella Road	NE 28th Street	Widen 2L to 4L	CST		\$0	\$46,190	\$0	\$46,190	\$29,800
	NE 24th Avenue	NE 28th Street	Del Prado Boulevard	New 4L	PE		\$2,770	\$0	\$0	\$2,770	\$2,100
<u>C4</u>	NE 24th Avenue	NE 28th Street	Del Prado Boulevard	New 4L	ROW		\$9,000	\$10,500	\$0	\$19,500	\$13,600
_	NE 24th Avenue	NE 28th Street	Del Prado Boulevard	New 4L	CST		\$0	\$20,700	\$0	\$20,700	\$13,400
					Total Cost:		\$40,330	\$95,334	\$266,030	\$401,694	\$221,840
	I				Revenues:		\$42,689	\$97,000	\$298,590	\$438,279	















Table 5-12: Cost Feasible Projects: City of Fort Myers Road Projects (\$1,000)

Project										Total Cost	Total Cost
Identifier	Road Name	From	То	Improvement	Phase	2021-2025	2026-2030	2031-2035	2031-2040	(YOE)	(PDC)
<u>FM1</u>	Edison Ave Extension	Arcadia Street	Ortiz Avenue	New 2L	PE/ROW/CST	\$8,800	\$0	\$0	\$0	\$8,800	\$8,800
FM2	1st Street & 2nd Streets	Fowler Street	Palm Beach Blvd	Reconstruct to 2-way	PE/CST	\$11,211	\$0	\$0	\$0	\$11,211	\$11,211
<u>FM3</u>	Midtown Streetscape Improvements			Reconstruction	CST	\$11,000	\$0	\$0	\$0	\$11,000	\$11,000
<u>FM4</u>	Challenger Blvd Extension	Colonial Blvd	Winkler Avenue	New 2L	PE/ROW/CST		\$8,600	\$0	\$0	\$8,600	\$6,550
	Hanson Street	US 41	Fowler Street Veronica Shoemaker Blvd.	Widen 2L to 4L	PE		\$ 1,320 <u>4,330</u>	\$0	\$0	\$ 1,320 <u>4,330</u>	\$ 1,050 <u>3,280</u>
<u>FM5</u>	Hanson Street	US 41	Fowler Street	Widen 2L to 4L	ROW		\$0	\$ 8,720 1 <u>8,770</u>	\$0	\$ 8,720 1 <u>8,770</u>	\$ 5,770 <u>12,110</u>
,	Hanson Street	US 41	Fowler Street	Widen 2L to 4L	CST		\$0	\$ 11,080 <u>0</u>	\$ 0 <u>42,810</u>	\$ 11,080 <u>42,810</u>	\$ 7,030 <u>20,880</u>
					Total Cost:	\$31,011	\$ 9,920 <u>12,930</u>	\$ 19,800 <u>18,770</u>	\$ 0 <u>42,810</u>	\$ 60,731 105,521	\$ 51,411 73,831
	ž.				Revenues:	\$31,011	\$17,091	\$22,167	\$65,459	\$ 104,717 135,728	

Table 5-13: Cost Feasible Projects: Village of Estero Road Projects (\$1,000)

The second second					TAN ESTRUCIO					Total Cost	Total Cost
Project Identifier	Road Name	From	То	Improvement	Phase	2021-2025	2026-2030	2031-2035	2036-2045	(YOE)	(PDC)
<u>E1</u>	Williams Road	US 41	Via Coconut Road	Widen 2L to 4L	CST	\$2,786	\$0	\$0	\$0	\$2,786	\$2,786
					Total Cost:	\$2,786	\$0	\$0	\$0	\$2,786	\$2,786
					Revenues:	\$2,786	\$9,595	\$14,426	\$38,917	\$62,938	

Table 5-14: Cost Feasible Projects - Private Funding (\$1,000)

Part of the										Total Cost	Total Cost
<u>Project</u> <u>Identifier</u>	Road Name	From	То	Improvement	Phase	2021- 2025	2026-2030	2031-2035	2036-2045	(YOE)	(PDC)
<u>P1</u>	SR 31	SR 78	Charlotte County Line	Widen 2L to 4L	PE/CST	\$60,000	\$0	0	\$0	\$60,000	\$60,000
<u>P2</u>	East West	Ben Hill Griffin Pkwy	Alico Road	New 2L	PE/ROW/CST		\$41,000	\$0	\$0	\$41,000	\$31,070
					Total Cost:	\$60,000	\$41,000	\$0	\$0	\$101,000	\$91,070
	I				Revenues:	\$60,000	41,000	\$0	\$0	\$101,000	













Table 5-15: Cost Feasible Projects: Strategic Intermodal System Projects (\$1,000)

										Total Cost	Total Cost
<u>Project</u> <u>Identifier</u>	Road Name	From	То	Improvement	Phase	2021- 2025	2026-2030	2031-2035	2036-2045	(YOE)	(PDC)
	I-75	at Daniels Parkway		Interchange	PD&E	\$2,828	\$0	\$0	\$0	\$2,828	\$2,828
SIS1	1-75	at Daniels Parkway		Interchange	DSB	\$19,332	\$0	\$0	\$0	\$19,332	\$19,332
SIS2	I-75	at Colonial Boulevard		Interchange	CST	\$51,756	\$0	\$0	\$0	\$51,756	\$51,756
SIS3	1-75	Collier County Line	SR 78	Managed lanes	PE	\$0	\$136,800	\$0	\$0	\$136,800	\$103,600
	1-75	Collier County Line	SR 78	Managed lanes	ROW	\$0	\$0	\$271,300	\$0	\$271,300	\$175,030
	1-75	Collier County Line	SR 78	Managed lanes	CST	\$0	\$0	\$0	\$1,125,900	\$1,125,900	\$549,200
SIS4	SR 31	SR 80	SR 78	Widen 2L to 4L	PE	\$ 0 - <u>9,950</u>	\$ 9,350 <u>0</u>	\$0	\$0	\$ 9,350 <u>9,950</u>	\$ 7,100 <u>7,540</u>
	SR 80	SR 31	Buckingham Road	Widen 4L to 6L	PD&E	\$0	\$1,500	\$0	\$0	\$1,500	\$1,140
SIS5	SR 80	SR 31	Buckingham Road	Widen 4L to 6L	PE	\$0	\$0	\$0	\$4,500	\$4,500	\$2,195
SIS6	SR 82	Alabama	Homestead Road	Widen 4L to 6L	PE	\$0	\$0	\$0	\$2,189	\$2,189	\$1,068
					Total Cost:	\$ 73,916 <u>83,866</u>	\$ 147,650 <u>138,300</u>	\$271,300	\$1,132,589	\$1,62 5,455 <u>6,055</u>	\$913, 249 <u>689</u>
					Revenues:	\$ 73,916 <u>83,866</u>	\$147,650 \$ 147,650 <u>138,300</u>	\$271,300	\$1,132,589	\$1,62 5,455 <u>6,055</u>	

Table 5-16: Cost Feasible Projects: Federal TMA Urban Area Allocation Projects - Box funds (\$1,000)

Project Identifier	Project Name	2021-2025	2026-2030	2031-2035	2036-2045	Total Cost
<u>M1</u>	Traffic Operations Center Op.	\$ 230	\$ 230	\$ 230	\$ 460	\$ 1,165
<u>M2</u>	Traffic Operations Projects	\$ 4,770	\$ 4,770	\$ 4,770	\$ 9,540	\$ 23,850
<u>M3</u>	Bus Replacements/Capital Purchases of Technology Equipment	\$ 7,500	\$ 7,500	\$ 7,500	\$ 15,000	\$ 37,500
<u>M4</u>	Bicycle Pedestrian Projects	\$ 12,500	\$ 12,500	\$ 12,500	\$ 25,000	\$ 62,500
	Total Cost	\$ 25,000	\$ 25,000	\$ 25,000	\$ 50,000	\$125,015













AMENDMENT TO THE FY 2021/2022 THROUGH FY 2025/2026 TIP TO ADD THE DESIGN PHASE FOR ADDING A SIDEWALK TO THE US 41 CALOOSAHATCHEE BRIDGE

RECOMMENDED ACTION: Amend the Transportation Improvement Program

(TIP) to the add the design phase for a sidewalk on the US 41 Caloosahatchee Bridge (new TIP sheet is

attached).

The current FY 2022 through FY 2026 Transportation Improvement Program (TIP) is being amended to add the design phase for a sidewalk on the US 41 Caloosahatchee Bridge using American Rescue Plan Act (ARPA) funds in the current year. This item is being brought back based on the direction provided to staff at the November meeting. The TAC and CAC unanimously approved this item at their respective meetings held on November 4, 2021 and the Executive Committee approved this item at their January 12, 2022 meeting as well.

Lee Memorial Hospit

US 41 OVER THE CALOOSAHATCHEE BRIDGE



From: US 41 at Caloosahatchee Bridge Work Summary: SIDEWALK

To:

Lead Agency: MANAGED BY FDOT Length: 1.000

LRTP #:

Project Number: 4490151

Phase	Fund Source	2021/22	2022/23	2023/24	2024/25	2025/26	Total
PE	ARPA	360,000	0	0	0	0	360,000
PE	DIH	50,000	0	0	0	0	50,000
Total		410,000	0	0	0	0	410,000

Prior Cost < 2021/22: 0 **Future Cost > 2025/26:** 0

Total Project Cost: 410,000

Project Description: Design of a Pedestrian Facility for the US 41 Caloosahatchee Bridge

REVIEW AND APPROVE AMENDMENTS TO THE UNIFIED PLANNING WORK PROGRAM

RECOMMENDED ACTION: Review and approve the Unified Planning Work

Program (UPWP) amendments to task 4.4 consultant planning funds and project timing (see **attached** underline and strike through

changes to the task 4.4 sheets).

The UPWP Task 4.4 (Administration and Planning Consultant Services) is being amended to include the Cape Coral evacuation study that was not included in the second year (current year) of the UPWP when it was first developed and to update the timing of several projects. The TAC and CAC unanimously approved this item at their respective meetings held on January 6, 2022.

Section: PROJECT PLANNING UPWP Task No: 4.4

Task: ADMINISTRATIVE AND PLANNING CONSULTANT SERVICES

OBJECTIVE

Select consultants/contractors to assist staff with administrative and transportation planning activities in support of the UPWP work tasks where staff resources need additional support or specific administrative and planning expertise.

REQUIRED ACTIVITIES

- Staff development of scopes and RFPs for the selection of qualified consultants and contractors in support of planning studies and administrative tasks. Extend and develop addendums to Consultant agreements, as necessary and consistent with new and existing requirements.
- Staff manage and monitor consultant contracts for consistency with federal and state requirements, including Title VI and DBE compliance.
- Consultant Services that include transportation modeling support for LRTP amendments and updates.
- Consultant Services that include transit modeling and planning in support of LRTP amendments and updates.
- Administrative support to the MPO staff including accounting, legal and auditservices.
- Consultant Services that include assisting staff with public involvement activities.
- Consultant Services that include the collection of multi-modal traffic data, traffic modeling, data analysis in the development of performance measures and targets.
- Consultant Services that include conducting planning studies and feasibility assessments of Congestion Management and Bicycle/Pedestrian projects.
- Consultant Services for the development of Bicycle Pedestrian Master Plans and other local agency projects.

PREVIOUS WORK

- 2018: Preparation and advertisement of RFP for selection of General Planning Consultants.
- 2019/2020: Develop scopes for developing elements of the Long Range Transportation Plan.
- 2018: Scope, selection and development of the Estero and Sanibel Bicycle Pedestrian Master Plans.
- 2019: Scope, selection and development of the City of Fort Myers Bicycle Pedestrian Master Plans.
- Conduct 2017/2018 and 2018/2019 audits.
- MPO legal services.
- MPO Accounting services.

Section: PROJECT PLANNING UPWP Task No: 4.4
Task: ADMINISTRATIVE AND PLANNING CONSULTANT SERVICES (CONTINUED)

END PRODUCTS

- Ongoing: Accounting services.
- Ongoing: Legal support services.
- As needed: Consultant tasks to run regional model alternatives in support of projects throughout the County. These tasks also include transportation model runs in support of the LRTP update and plan amendments.
- Fall 2020 and 2021: Conduct 2019/2020 and 2020/2021 audits
- Spring 2021 and 2022: Maintenance of the TIP reporter tool to provide the TIP formatted consistent with FDOT and FHWA/FTA requirements.
- Summer/Fall 2021: Develop General Planning Consultant and General Public Involvement scopes for RFP advertisement and selection.
- Summer/Fall 2020: Update the Bicycle and Pedestrian LRTP element and complete the Bicycle Pedestrian Safety Action Plan countermeasures.
- Summer/Fall 2020: Update the Goods and Freight element of the Long Range Plan that will include providing updated freight data.
- Ongoing: Conduct vehicle, bicycle and pedestrian crash outreach activities consistent with
 the Safety Action plan and in support of reducing fatalities and injuries. Continue coordination
 activities with the Streets Alive, Lee Trauma Center, law enforcement agencies and other
 local agencies on high crash trend issues in support of education, enforcement and public
 outreach activities. This will include media outreach such as PSA's and safety program
 materials like helmets and lights.
- Ongoing: Analyze the performance measure analysis data and report results. This
 includes updating the State of the System reporting to account for recent pandemic
 impacts.
- Summer/Winter 2020: Complete the Long Range Plan development activities that include public involvement and producing the draft and final LRTP documents.
- Winter 2022 Fall 2021 Fall Summer 2022: Conduct the Cape Coral evacuation study and collect/use existing survey data to obtain behavioral data for the project.
- Summer/Fall 2020: Complete the update of the City of Fort Myers Bicycle Pedestrian Master Plan.
- <u>Spring Fall 20201</u> <u>Summer Winter 20242</u>: Develop the Bonita and Estero Rail corridor study in support of the Sun Trail system connection from Bonita up to JY Linear Park.
- <u>Spring Fall 20242</u>: Collect and Analyze Origin and Destination data for use in the transportation model adjustments and analyze the changes due to the pandemic.
- Fall 2021- Spring 2022: Analyze vehicle miles travel reduction alternatives to address congested corridors not resolved by the LRTP Cost Feasible Projects. This analysis will include analyzing traffic changes due to the pandemic.
- Winter 2022: Conduct Bicycle Pedestrian Count Data Collection and develop a database that can be included in the recent statewide effort.

Task No: 4.4 Administrative and Planning Consultant Services								
	E:	stimated Budg	et Detail f	or FY 2020/	2021			
Budget Catego ry	Budget Category Description	FHWA (PL)	FHWA (SU)	STATE (TLWR)	FTA 5305	FT A Sta te Mat ch	Local Funds	Total
A. Persor	nnel Services							No. of the last
MPO staff salaries		\$15,000	-	-	-	-	-	\$15,000
Subtotal:		\$15,000	-	-	-	-	-	\$15,000
B. Admin	istrative and Consultant Ser	vices						
	Accounting Services	\$15,000	-	-	-	-	-	\$15,000
	Legal Services	\$18,000						\$18,000
	MPO Audit	\$24,000						\$24,000
	TIP Reporter Tool	\$9,800						\$9,800
	Regional Model Alternatives	\$20,000						\$20,000
	Development of the LRTP, public involvement activities and finalize documentation	\$126,000						\$126,000
	Completion of the update of the Fort Myers Bike Ped Plan	\$100,000						\$100,000
	Performance Measure Analysis/State of the System	\$40,000						\$40,000
	Update the Goods and Freight Element of the Long Range Plan	\$89,000						\$89,000
	Update of the Bike/Ped LRTP Element and Safety Action Plan Countermeasures	\$55,000						\$55,000
	Conduct vehicle, bicycle and pedestrian safety outreach activities	\$98,000						\$98,000
	Cape Coral Evacuation Study with origin destination study analysis	\$150,000					\$150,000	\$300,000
	Conduct origin destination data for model update	\$30,000						\$30,000
	Bonita and Estero Rail Corridor Study			\$400,000			\$50,000	\$450,000
	Subtotal:	\$774,800		\$400,000	-	-	\$200,000	\$1,374,800
	Total:	\$789,800		\$400,000		-	\$200,000	\$1,389,800

Task No: 4.4 Administrative and Planning Consultant Services Estimated Budget Detail for FY 2021/2022

Budget ategory	Budget Category Description	FHWA (PL)	FHWA (SU)	STATE (TLWR)	FTA 5305	FTA State Match	Local Funds	Total
Personn	el Services							
MPO staff salaries Subtotal:		\$10,000	-	-	-	-	-	\$10,000
		\$10,000	-	-	-	-	-	\$10,000
Adminis	trative and Consultant Se	rvices						
	Accounting Services	\$15,000	-	-	-	-	-	\$15,000
	Legal Services	\$20,000						\$20,000
	MPO Audit	\$25,000						\$25,000
	TIP Reporter Tool	\$9,800						\$9,800
	Regional Model Alternatives	\$34,565						\$34,565
	Performance Measure Analysis/State of the System	\$50,000						\$50,000
	Conduct vehicle, Bicycle & Pedestrian Safety Outreach Activities	\$100,000						\$100,000
	Origin and Destination Data Collection and Analysis	\$45,000						\$45,000
	Vehicle Miles Travel Reduction Alternatives	\$ 94,606 <u>59,606</u>						\$ 94,606 - <u>59,606</u>
	Conduct Bicycle Pedestrian Count Data Collection and database	\$ 75,000 40,000						\$ 75,000 40,000
	Cape Coral Evacuation Study	\$75,000						\$75,000
	Complete the Bonita and Estero Rail Corridor Study	\$10,000						\$10,000
	Subtotal:	\$478,971	-	-	-	-		\$478,971
	Total:	\$488,971				1		\$488,971

ADOPTION OF THE 2022 LEE MPO HIGHWAY SAFETY PERFORMANCE TARGETS

RECOMMENDED ACTION: Adopt the 2022 Highway Safety Performance Targets consistent with FHWA requirements.

Every year the MPO is required to adopt the Highway Safety Performance Targets. The FDOT has been maintaining 'zero' for the target for the five (5) Highway Safety Performance Measures since the statewide targets were first established in 2018. The Lee MPO continues to support the Florida statewide targets and **the link below** is the safety performance measures reporting by MPO area. Listed below are safety targets that staff is recommending for 2022 to be consistent with FDOT:

Statewide and MPO Safety Performance Targets

PERFOMANCE MEASURES	STATEWIDE TARGET	MPO TARGET		
	(2022)	(2022)		
Number of Fatalities	0	0		
Number of Serious Injuries	0	0		
Fatality Rate per 100 million Vehicle Mile Travelled (VMT)	0	0		
Serious Injuries per 100 Million Vehicle Miles Travelled (VMT)	0	0		
Total Number of Non-motorized Fatalities and Serious Injuries	0	0		

Safety Performance Measure Targets by MPO Area: https://leempo.com/wp-content/uploads/T08a.2016-to-2020 FHWA PerfomanceMeasuresPerMPO.pdf

The TAC and CAC unanimously approved this item at their respective meetings held on January 6, 2021.

ELECTION OF OFFICERS FOR 2022

RECOMMENDED ACTION: To call for nominations for Chair, Vice-Chair, and

Treasurer and to hold elections for those offices.

Each year the MPO Board holds the election of a Chair and Vice-Chair and the new term for these officers will begin on February 1, 2022 and run through January 31, 2023. In the past, the MPO Board has followed a rotation of the Chair and Vice-Chair from the municipalities/county and the current order is listed below:

- Village of Estero (Current Chair Mayor Katy Errington)
- City of Fort Myers (Current Vice Chair Councilmember Teresa Watkins Brown)
- Lee County
- City of Cape Coral
- Fort Myers Beach
- City of Sanibel
- City of Bonita Springs

If the Board agrees, the City of Fort Myers member will then become the MPO Chair and a representative from the Lee County BOCC will be the Vice-Chair. In addition to the nominations and elections for Chair and Vice-Chair, the Board also needs to nominate and hold election for the Treasurer position (Commissioner Ruane is the current Treasurer).

UPDATE ON THE SR 865 (SAN CARLOS) PROJECT DEVELOPMENT & ENVIRONMENT STUDY

PRESENTATION ITEM:

FDOT will provide an update on the San Carlos Boulevard from North of Crescent Street to North of Hurricane Pass Bridge project, ahead of a public meeting that is scheduled for February 3, 2022. Information on the meeting and the attendance options are included on the attached newsletter.

PD&E Study from N. of Crescent Street to N. of Hurricane Pass Bridge FPID: 433726-2-32-01



About the Project January 2022

The Florida Department of Transportation (FDOT) invites you to a public hearing for the San Carlos Boulevard (SR 865) Project Development & Environment (PD&E) Study from north of Crescent Street to north of Hurricane Pass Bridge, also known as Hurricane Bay Bridge, in Lee County on February 3, 2022. The in-person open-house will begin at 5 p.m. The virtual and in-person hearing and testimony portion will begin at 6 p.m.

The purpose of this project is to provide additional travel options on a congested corridor, especially during the peak tourist season (January – April). The project will enhance mobility and safety for vehicular and non-vehicular transportation and increase accessibility and connections between community points of interest. The proposed project is also intended to promote emphasis for alternative transportation use and increase public transit ridership. The public hearing is being held to present information about the preferred alternative and engineering and environmental analysis completed to date and provide the opportunity for the public to offer feedback on the preferred alternative for the official hearing record. While comments about the project are accepted at any time, please send your comments by February 17, 2022, to be included in the formal public hearing record.

Upcoming Hearing

The FDOT offers three ways to participate in the public hearing: in-person, virtually, or by viewing hearing materials on the project website.

- 1. The in-person event will be held at the Chapel by the Sea Presbyterian Church at 100 Chapel Street, Fort Myers Beach, FL 33931.
- 2. The virtual public hearing can be accessed online through the project's website at www.Swflroads.com/sr865/sancarlosboulevarddesign. For more information on attending the meeting virtually, please see the panel to the right.

From 5 p.m. to 6 p.m., in-person attendees will be able to view project materials and speak with the team in an open-house format. The virtual and in-person hearing and testimony portion will begin at 6 p.m. Both in-person and virtual attendees will be able to view the project presentation and provide feedback on the proposed alternative.

3. All hearing materials, including the project video, will be available online at www.Swflroads.com/sr865/sancarlosboulevarddesign by January 27, 2022, prior to the live virtual event.

Project documents will also be available for public viewing from January 12, 2022, to February 17, 2022, at two locations:

- Town of Fort Myers Beach Public Library, 2755 Estero Blvd, Fort Myers Beach, FL 33931
- FDOT Southwest Area Office, 10041 Daniels Parkway, Fort Myers, FL 33913.

Virtual Registration

To attend virtually at 6 p.m. from a computer, tablet or mobile device, please register in advance by:

- Visiting https://attendee.gotowebinar.com/register/7475162162368688141,
- Visiting the project website <u>www.Swflroads.com/sr865/sancarlos</u> boulevarddesign,
- Scanning the QR code below

Once registered, attendees will receive a confirmation email containing information about joining the hearing online.

Please note, Internet Explorer cannot be used to register or attend this GoToWebinar.



For more information, contact:

FDOT Project Manager, Richard Oujevolk (863) 519-2293 FDOT Local Contact, Christopher Speese (239) 255-1973

Richard.Oujevolk@dot.state.fl.us Christopher.Speese@dot.state.fl.us

As proposed, the project will impact approximately 0.14 acres of property from Lee County's Crescent Beach Family Park. As part of the project development process and in accordance with Section 4(f) of the Department of Transportation Act of 1966, the FDOT is seeking comments from the public concerning the effects of the project on the activities, features and attributes of this park. The FDOT intends to make a de minimis impact determination for this resource.

FDOT solicits public participation without regard to race, color, national origin, age, sex, religion, disability, or family status. People who require special accommodations under the Americans with Disabilities Act or who require translation services (free of charge) should contact Cynthia Sykes, District One Title VI Coordinator, at (863) 519-2287, or email at Cynthia.Sykes@dot.state.fl.us at least seven days prior to the public hearing.

County Road System.

FDOT will also be seeking public input concerning the transfer of jurisdiction of the existing SR 865 intersection at Center Street and 5th Street to the Lee

The environmental review, consultation, and other actions required by applicable federal environmental laws for this project are being, or have been, carried out by FDOT pursuant to 23 U.S.C. §327 and a Memorandum of Understanding dated December 14, 2016 and executed by the Federal Highway Administration and FDOT.

San Carlos Boulevard (SR 865)
Richard Oujevolk
Florida Department of Transportation
801 N. Broadway Ave.
Bartow, FL 33830

Meeting Location Map



Hybrid Hearing Information

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Date: Thursday, February 3, 2022



Time: 5 p.m. in-person open-house; 6 p.m. presentation



Location: The Chapel by the Sea Presbyterian Church at 100 Chapel Street, Fort Myers Beach, Florida, 33931



Virtually:

www.Swflroads.com/sr865/sancarlosboulevarddesign

While comments about the project are accepted at any time, please send your comments by February 17, 2022, to be included in the formal public hearing record.

This public hearing will be conducted in accordance with all federal, state, and local requirements. This newsletter also serves as notice to property owners (pursuant to Florida Statues 339.155 and 335.199) that all or a portion of their property is within 300 feet of the centerline of the alignment; however, this does not mean that all properties would be directly affected.

PROVIDE INPUT ON THE PROPOSED JOINT LEE AND CHARLOTTE-PUNTA GORDA MPO MEETING AGENDA ITEMS

RECOMMENDED ACTION: Provide input on the proposed draft agenda items

for the upcoming joint meeting with the Charlotte-

Punta Gorda MPO.

The Joint MPO Board meeting with the Charlotte-Punta Gorda MPO is scheduled for February 21st at 10:00am at the Burnt Store Presbyterian Church located at 11330 Burnt Store Road, Punta Gorda, FL 33955. Listed below are some of the agenda items that have been discussed but we are seeking input on any additional items that we should consider:

- Status of the Burnt Store Road PD&E study from Van Buren to just north of the Charlotte County line, construction of the south segment in Lee County and the recently completed construction in Charlotte County.
- Update on the I-75 Southwest Connect Studies.
- Discussion on the proposal to form a subcommittee of the Collier, Lee and Charlotte-Punta Gorda MPO Boards to meet on a periodic basis to deal with regional coordination issues that will come back to the each of the MPO Boards at their regular meetings for further discussion, recommendations and action.
- Status of the planned SR 31 projects and the staff coordination on future improvements.

INFORMATION AND DISTRIBUTION

- a. <u>Notice of the January 25th McGregor Boulevard Cypress Lake Drive to Edinburgh Drive project public meeting.</u>
- b. Notice of the February 9th Fowler Street/Colonial Boulevard Intersection project public meeting.
- c. Proposed Florida House and Senate transportation related bills for the 2022 legislative session.