



Agenda TAC
Technical Advisory Committee
IN-PERSON MEETING
Transportation Management Services Department
Main Conference Room
2885 South Horseshoe Dr.
Naples, FL, 34104

February 27, 2023, 9:30 A.M.

1. **Call to Order**
2. **Roll Call**
3. **Approval of the Agenda**
4. **Approval of the January 23, 2023 Meeting Minutes**
5. **Open to Public for Comments Items Not on the Agenda**
6. **Agency Updates**
 - A. FDOT
 - B. MPO Executive Director
7. **Committee Action**
 - A. Endorse Amendment #2 to the FY 2023-2027 Transportation Improvement Program (TIP) and Authorizing Resolution
 - B. Review and Comment on Draft Bike-Ped Safety Ordinance
 - C. Endorse Project Scope for Transit Disadvantaged Service Plan – Major Update
 - D. Endorse Project Scope for Zero Emissions Transit Fleet Transition Plan
 - E. Endorse FDOT’s PM2 and PM3 Statewide Performance Targets
8. **Reports & Presentations***
9. **Member Comments**
10. **Distribution Items**
 - A. Administrative Modifications to the FY 2023-2027 TIP
11. **Next Meeting Date**

March 27, 2023
12. **Adjournment**

**May Require Committee Action*

PLEASE NOTE:

The meetings of the advisory committees of the Collier Metropolitan Planning Organization (MPO) are open to the public and citizen input is encouraged. Any person wishing to speak on any scheduled item may do so upon recognition of the Chairperson. Any person desiring to have an item placed on the agenda should contact the MPO Director at least 14 days prior to the meeting date. Any person who decides to appeal a decision of the advisory committee will need a record of the proceedings pertaining thereto, and therefore may need to ensure that a verbatim record of the proceeding is made, which record includes the testimony and evidence upon which the appeal is to be based. In accordance with the Americans with Disabilities Act, any person requiring special accommodations to participate in this meeting should contact the Collier Metropolitan Planning Organization 72 hours prior to the meeting by calling (239) 252-5814. 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 that within the MPO’s planning process they have been discriminated against because of race, color, religion, sex, age, national origin, disability, or familial status may file a complaint with the Collier MPO Title VI Coordinator, Ms. Dusty Siegler (239) 252-5814 or by email at: Dusty.Siegler@colliercountyfl.gov, or in writing to the Collier MPO, attention: Ms. Siegler, at 2885 South Horseshoe Dr., Naples, FL 34104.

**TECHNICAL ADVISORY COMMITTEE of the
COLLIER METROPOLITAN PLANNING ORGANIZATION
MEETING MINUTES
January 23, 2023, 9:30 a.m.**

1. Call to Order

Ms. Lantz called the meeting to order at 9:31 a.m.

2. Roll Call

Ms. Siegler called the roll and confirmed a quorum was present.

TAC Members Present

Lorraine Lantz, Chair, Collier County Transportation Planning

Allison Bickett, Vice Chair, City of Naples

Dan Hall, Collier County Traffic Operations

Dave Rivera, City of Naples

Don Scott, Lee MPO

Margaret Wuerstle, Southwest Florida Regional Planning Council

Michelle Arnold, Director, Public Transit & Neighborhood Enhancement Division

Tim Brock, Everglades City

Ute Vandersluis, Naples Airport Authority

TAC Members Absent

Andrew Bennett, Collier County Airport Authority

Daniel Smith, City of Marco Island

John Kasten, Collier County School Board

Justin Martin, City of Marco Island

MPO Staff

Anne McLaughlin, Executive Director

Dusty Siegler, Administrative Assistant

Others Present

Bill Howell, HW Lochner

Nicole Harris, Stantec, FDOT Interstate Program Office

Steve Ludwinski, The Corradino Group

3. **Approval of the Agenda**

Ms. McLaughlin stated that, although there were no changes to the agenda, there were a few distribution items: a 2020 census map provided by Mr. Scott for Item 7.D., and a revised Bicycle & Pedestrian Master Plan Update Scope of Work for Item 7.C.

Mr. Scott moved to approve the agenda. Mr. Brock seconded. Carried unanimously.

4. **Approval of the November 28, 2022 Meeting Minutes**

Ms. Arnold moved to approve the November 28, 2022 meeting minutes. Mr. Brock seconded. Carried unanimously.

5. **Public Comments for Items not on the Agenda**

None.

6. **Agency Updates**

A. FDOT

Ms. McLaughlin indicated that Ms. Victoria Peters was unable to make it to the meeting. Ms. Peters wanted to inform everyone about the public outreach for the Interstate 75 South Corridor Master Plan. There will be a Live Q&A Webinar on February 15, beginning at 6 p.m., and an in-person public meeting on February 16, from 5 to 7 p.m., at the North Collier Regional Park, Exhibit Hall.

B. MPO Executive Director

Ms. McLaughlin indicated she sent an email out on January 20 to Marco Island, the City of Naples and Collier County regarding 2023 being the year to bring planning, safety and bridge projects forward to the MPO Board to be prioritized for funding in approximately 2029. Ideally, the MPO would have forwarded the information on sooner. Ms. McLaughlin had not previously mentioned bridge and safety, but recently found out that the County had updated its East of 951 Bridge Study. The SU funding is for new bridges. If there is a safety related project, the MPO Board includes allocation of some of the SU funds to safety. Ms. McLaughlin would be happy to assist anyone who wants to bring a project forward. FDOT's District 1 application form would be used. The last safety project funded with SU funds was improving the bend on Corkscrew Road. **Mr. Brock** asked when the application is due, and **Ms. McLaughlin** responded that she would forward on the information and thinks the deadline is May 1. Projects would go forward to the MPO Board in June.

Ms. McLaughlin suggested the potential to request FDOT to do a road safety audit on a segment of road if there is a concern regarding safety. **Mr. Brock** and **Ms. McLaughlin** discussed that various agency staff working together could maximize the use of available funding to benefit local road safety projects.

7. Committee Action

A. Elect Chair and Vice-Chair

Ms. Lantz reiterated (from the last meeting) that she is currently the Interim Planning Manager. If Ms. Lantz's interim role becomes permanent, she intends to delegate attendance at future TAC meetings. Ms. Lantz noted that the MPO Board, at its last meeting, commented that the Board would like the MPO's committee chairs to attend the MPO Board meetings to provide verbal chair reports. Ms. Lantz had always attended the meetings virtually but had not been asked any questions by the Board.

Ms. Arnold moved to elect Ms. Lantz as Chair and Ms. Bickett as Vice-Chair. Mr. Rivera seconded. Carried unanimously.

B. Endorse Automated Transportation Improvement Program (TIP) Scope

Ms. McLaughlin explained that Capital Consulting Solutions' Scope of Work focuses on automating the TIP project data from the format it is received from FHWA (typically a spreadsheet) to a format/database that is more user-friendly, and providing an interactive, searchable map. Ms. McLaughlin also intends to get staff training and standard operating procedures from Capital so that MPO Staff can potentially manage the database in the future and perform the work in-house. Capital is one of the vendors under the MPO's General Planning Contract. The proposed fee is \$24,744, for which there is sufficient funding in the Unified Planning Work Program (UPWP) for the task. (FDOT and FHWA approved Amendment 2 to the UPWP.) Ms. McLaughlin is endeavoring to get the work approved as soon as practicable to stay on schedule and anticipates providing a proposed work order to the MPO Board at its February meeting.

Mr. Scott moved to endorse the Automated Transportation Improvement Program (TIP) Scope. Ms. Bickett seconded. Carried unanimously.

C. Endorse Scope of Services for Bicycle and Pedestrian Master Plan Update

Ms. McLaughlin indicated that the handout provided at the beginning of the meeting is a revised Scope of Services for the Bicycle and Pedestrian Master Plan (BPMP) Update, which includes the revisions suggested by BPAC at their January 17 meeting. The agenda packet for the TAC meeting had already been finalized prior to BPAC's meeting.

The BPMP Update is relevant to the forthcoming 2050 Long-Range Transportation Plan update. The Update would be under the MPO's General Planning Contract. Ms. McLaughlin explained how the MPO had worked with BPAC to develop the proposed Scope.

The MPO Board, at its last meeting on December 9, had comments and suggestions regarding the Update in response to the BPAC Chair's verbal report at the meeting. Commissioner McDaniel commented that he would like to see more reliance on BPAC, as opposed to consultants, in preparing the Update, and that outreach to teach bike/ped safety at elementary schools should be included. Commissioner Kowal

requested that the County Attorney prepare a draft ordinance regarding cyclists riding on sidewalks against traffic being unsafe. Commissioner Hall expressed concern regarding safety issues presented by electric bicycles. The MPO Board voted to have BPAC review and comment on the draft ordinance; the draft may be presented to BPAC at their February meeting.

[The group discussed whether there are comparable existing ordinances, the challenges existing infrastructure would present, varying instances that would need to be considered, and various areas where pedestrian/cyclist safety is an issue.]

Ms. Lantz inquired whether the draft ordinance would be presented to TAC for review and comment. **Ms. McLaughlin** responded that MPO Staff intends to present the draft ordinance to BPAC first, and then likely to TAC and CAC. Ultimately, any ordinance would be adopted by the BCC and not the MPO Board.

BPAC's revisions to the draft Scope included ways to target specific stakeholders, partnering with local community groups/nonprofits, participating in community events, and providing multi-lingual handouts and translation services. With respect to traditional media/communications, BPAC spent time contemplating print media, advertising, getting reporters interested in the topic, radio and television. A scrivener's error in referencing U.S. Bike Route 15 was corrected. One BPAC member raised the issue of considering new policies to achieve greater connectivity and smaller roads. Many plans/policies were implemented since 2019 (including the Paradise Coast Trail Feasibility Study, which includes SUN Trail alignment, and the master plans for the City of Naples, Marco Island and Everglades City), which are incorporated in the draft Scope. Safety is also a major component. BPAC also wanted cost to be considered in the evaluation criteria. Given that so much new information has come out regarding bicycle/pedestrian plans, Ms. McLaughlin thinks that more focus can be given to standalone projects and regional priorities to support applications for things like recreational trail applications.

The criteria for the 2019 BPMP Update was very constrained and also provided that the County would submit a project for each commission district, and two projects for the City of Naples, Marco Island and one for Everglades City. MPO Staff does not intend to limit the number of projects that could be submitted for the upcoming Update. **Mr. Scott** commented that the number of criteria on the proposed Scope may not simplify the process. **Mr. Hall** also indicated that there were too many criteria. **Ms. McLaughlin** responded that there were three factors considered in the last Update, and BPAC felt that the criteria needed to be expanded.

Ms. Lantz asked if anyone had any additions or revisions to the draft Scope and asked what the next steps would be. **Ms. McLaughlin** indicated that FDOT and FHWA need to approve the Scope and a work order would need to be approved by the MPO Board. The consultant may provide input that slightly modifies the Scope. There may be changes over time once we reach the contracting stage. Ms. McLaughlin requested that any proposed revisions, additions or comments be provided.

Ms. Lantz commented that it might be better if the communications-traditional media section of the Scope provided "as appropriate" instead of "print, radio, tv." **Mr. Hall** reiterated that the Scope contains too many criteria. **Mr. Scott** indicated that the criteria/scoring matrix is supposed to simplify the process,

but it appears it may complicate it. **Ms. McLaughlin** commented that BPAC wanted more criteria options. **Ms. Lantz** indicated that the consultant will likely create a matrix for the criteria, and **Ms. McLaughlin** added that the criteria will ultimately become something usable. **Ms. Lantz** noted the need to have criteria streamlined and suggested the use of tiers. **Mr. Scott** agreed and suggested that the Scope be modified to group/tier the criteria for simplification. **Ms. Arnold, Ms. Bickett and Mr. Hall** agreed. **Mr. Hall** mentioned that safety should be weighted with more priority than the other criteria.

Ms. Lantz emphasized that the concept of the Scope was before TAC for endorsement; the consultant would ultimately likely modify the Scope. The MPO seeks approval of the Scope for purposes of contracting with the consultant. **Ms. McLaughlin** indicated that she would modify the Scope to include language recommending tiered priorities and grouping of the criteria. Ultimately, it is part of the typical process for the consultant to bring their work before TAC and CAC for comments; the Scope is the starting point. Some of the language included in the criteria is with an eye towards existing discretionary grants. **Mr. Hall** suggested that language be added indicating that safety should be weighted two to three times more than the other criteria.

Ms. Lantz moved to endorse the Scope of Services for Bicycle and Pedestrian Master Plan Update based upon the comments discussed by TAC, including the potential consolidation/grouping of evaluation criteria as appropriate. Mr. Hall seconded. Carried unanimously.

D. Clear and Block Date for Tentative Joint Meeting with Lee County TAC

Mr. Scott indicated that the census map provided at the meeting (the second handout) relates to the scheduling of joint meetings with TAC, CAC and the MPO Board. By way of background, there was originally a Naples urbanized area and a Fort Myers urbanized area. We then had the Cape Coral urbanized area and the Bonita Springs urbanized area. The new urban areas from the just released 2020 census map combine Bonita and Estero (Naples urbanized area is no longer used). In 2010, of the approximate 310,000 population in the Bonita Springs area at that time, approximately 50,000 were in Lee County. With the new census map, by preliminary calculations, there are approximately 108,000 in Lee County. More parts of Lee County have been designated as urban areas of Collier County for purposes of grant funds. This means that Collier County would be receiving certain grant funds for certain urban areas that are in Lee County. When the issue was addressed in 2010 (when there was less designated Collier urban area in Lee County), one suggestion was that Collier and Lee Counties combine the funding. The MPO Boards did not want to combine. **Mr. Scott's** understanding of the options at this time are: (i) Collier and Lee MPOs combine; (ii) the affected population in the Estero/Bonita Springs urban area deals with Collier MPO; or (iii) determine how to get the funding allocations broken down by county lines (there is a large area on the East Coast that has done this). It is not clear from the census map what the actual populations are.

A joint meeting in October would not work because the planning grant fund allocations must be completed before October. There may need to be a joint meeting in the summer instead. **Mr. Scott** anticipates knowing more after the MPOAC meeting at the end of January. **Ms. McLaughlin** and **Mr. Scott** discussed how often the MPO Boards meet in the summer. Collier MPO Board meets in May and June and has July and August off. Lee MPO Board typically takes July off. The MPOs are typically

working on the updated UPWP in June. There is the potential for a joint MPO meeting in June and joint TAC and CAC meetings in May.

Ms. Lantz indicated that the scheduling of a joint meeting will need to be addressed at a future meeting.

8. Reports and Presentation (May Require Committee Action)

A. South Corridor Master Plan - FDOT Interstate Program Office

Ms. Harris provided a presentation regarding FDOT's South Corridor Master Plan. The conditions of I-75, origin and destination data, and how people use I-75 were analyzed. The preliminary list of proposed projects includes interchange improvements and configurations and mainline segment improvements from Collier Boulevard in Naples to Bayshore Road in North Fort Myers. On the southern part of the south corridor (from Collier Boulevard to Corkscrew Road), there is a need for general use lane(s) and an auxiliary lane. On the northern part of the south corridor (from Corkscrew Road to Bayshore Road), there is a need for managed lanes - use lanes, auxiliary lanes, and lanes that are separated from the other traffic. The local lanes should ease congestion for those who use the Interstate to travel locally. The Plan does not contemplate tolling for the local lanes; a separate study is being conducted regarding tolling. The width between the northbound and southbound lanes would be a least 40 feet. There has not yet been a decision regarding whether there would be a barrier or a buffer between the local lanes and the thru lanes. The Plan includes the ability to access the thru lanes from the local lanes at interchanges.

Public meetings have been scheduled by FDOT: a live online session and Q&A will take place on February 15 and an in-person meeting will take place on February 16 at North Collier Regional Park. FDOT hopes to finalize the Master Plan by summer. From there, an implementation plan will prioritize the projects along all of I-75 and I-4 in District 1. **Mr. Brock** asked if the projects are funded, and **Ms. Harris** responded that she does not think they are currently in the five-year plan. Funding will be further addressed during the implementation and prioritization phases. **Mr. Howell** added that the preliminary cost estimate for the South Corridor work is \$8 billion. **Mr. Scott** asked for confirmation that the planned width between north/south lanes would be 40 feet in all areas, and **Ms. Harris** confirmed that it would be. **Mr. Brock** asked whether the plan is to purchase right-of-way along the existing corridor. **Ms. Harris** responded that additional right-of-way may be needed at the interchanges. The existing right-of-way along the South Corridor varies; there is enough in some locations but not in others. The approach is to complete an interchange and mainline segment piece by piece. The potential for direct connects as an express lane alternative was evaluated, but the cost and the required infrastructure would be much greater.

9. Member Comments

Mr. Brock reminded everyone that the Everglades City Seafood Festival is from February 17 through February 19. The Marshall Tucker Band will be a featured performer.

Ms. Lantz indicated she would attend the next MPO Board meeting on TAC's behalf.

10. Distribution Items

None.

11. Next Meeting Date

February 27, 2023, 9:30 a.m. –Transportation Management Services Bldg. Main Conference Room, 2885 S. Horseshoe Dr., Naples, FL, 34104 – in person.

12. Adjournment

Ms. Lantz adjourned the meeting at 11:01 a.m.

EXECUTIVE SUMMARY
COMMITTEE ACTION
ITEM 7A

Endorse Amendment #2 to the FY 2023-2027 Transportation Improvement Program (TIP) and Authorizing Resolution

OBJECTIVE: Committee endorsement of Amendment #2 to the FY 2023-2027 Collier MPO Transportation Improvement Program (TIP), and authorizing resolution.

CONSIDERATIONS: The Florida Department of Transportation (FDOT) has requested the Collier MPO to amend its FY 2023-2027 TIP to add the following projects:

- **451147-1:** Capital for fixed transit route. This is for the Bonita Springs UZA.
- **452478-2:** Capital for fixed transit route. This is for the Bonita Springs UZA.
- **451893-1:** Capital for fixed transit route. This is a Capital Award for Collier County Bus.
- **451893-2:** Capital for fixed transit route. This is a Capital Award for Collier County.

Attachment 1 contains Resolution 2023-1, including Exhibits 1 and 2.

The MPO is following the TIP amendment public involvement process outlined in the MPO's Public Participation Plan in that this Amendment has been:

- Posted for review by the TAC and CAC;
- Public comment period announced on the MPO website; and
- Distributed via e-mail to applicable list-serve(s).

The comment period began on February 17, 2023 and ends with the MPO Board meeting on March 10, 2023.

STAFF RECOMMENDATION: That the Committee endorse the Amendment and authorizing resolution.

Prepared By: Sean Kingston, MPO Principal Planner

ATTACHMENTS:

1. MPO Resolution 2023-1, including Exhibits 1 and 2

**MPO RESOLUTION #2023-1
A RESOLUTION OF THE COLLIER METROPOLITAN
PLANNING ORGANIZATION APPROVING
AMENDMENT #2 TO THE FY 2022/23- 2026/27
TRANSPORTATION IMPROVEMENT PROGRAM**

WHEREAS, State and federal statutes, rules and regulations require that each designated Metropolitan Planning Organization develop and adopt a Transportation Improvement Program (“TIP”) and set forth the procedures for doing so; and

WHEREAS, the Collier Metropolitan Planning Organization’s (the “MPO”) TIP may require amending as authorized and required by 23 C.F.R. Part 450 Sections 326, 328, 330, 332 and 334, and by F.S. § 339.175(6), (8) and (13); and

WHEREAS, the FDOT requested the Collier MPO to amend its FY 2022/23-2026/27 TIP to add Federal Project Numbers (FPNs) 451147-1, 452478-2, 451893-1, and 451893-2 as Capital for fixed transit routes, as shown in Exhibit 1; and

WHEREAS, FDOT has submitted a letter to the MPO stating that the amendments are necessary to include in the MPO’s TIP to ensure consistency with FDOT’s Work Program, as shown in Exhibit 2; and

WHEREAS, the MPO announced the TIP Amendment on its website, distributed it via e-mail to various list-serves, and followed all of the steps of its Public Participation Plan through the expiration of the public comment period, which terminated with the MPO’s meeting on March 10, 2023; and

WHEREAS, the MPO has reviewed the proposed TIP Amendment for those projects and determined that it is consistent with the MPO’s adopted plans and policies; and

WHEREAS, in accordance with all required State and federal procedures, rules and regulations, including but not limited to the FDOT’s MPO Administrative Manual, the TIP Amendment must be accompanied by an endorsement indicating official MPO approval.

THEREFORE, BE IT RESOLVED by the Collier Metropolitan Planning Organization that:

1. The FY 2022/23 - 2026/27 Transportation Improvement Program Amendment #2 set forth in Exhibits 1 and 2 is hereby adopted.
2. The Collier Metropolitan Planning Organization's Chairman is hereby authorized to execute this Resolution certifying the MPO Board's approval of the Amendment to the FY 2022/23-2026/27 Transportation Improvement Program for transmittal to FDOT and the Federal Highway Administration.

This Resolution PASSED and duly adopted by the Collier Metropolitan Planning Organization Board after majority vote on this 10th day of March 2023.

Attest: COLLIER METROPOLITAN PLANNING ORGANIZATION

By: _____

Anne McLaughlin
MPO Executive Director

By: _____

MPO Chair

Approved as to form and legality:

Scott R. Teach, Deputy County Attorney

EXHIBIT 1
TIP Amendment #2 for Approval by MPO Board on March 10, 2023 for
FY 2022/23 through FY 2026/27 TIP

FPN	Action	Project Name	Requested By	Fund	Phase	FY	Amount
451147-1	Capital for fixed route	5310 CAPITAL - BONITA SPRINGS UZA - COLLIER COUNTY BOCC	FDOT	DPTO	CAP	23	\$ 34,381
				DU	CAP	23	\$ 275,052
				LF	CAP	23	\$ 34,382
452478-2	Capital for fixed route	5310 DISTRICT CAPITAL - BONITA SPRINGS UZA - COLLIER COUNTY BOCC	FDOT	DPTO	CAP	23	\$ 119
				DU	CAP	23	\$ 950
				LF	CAP	23	\$ 119
451893-1	Capital for fixed route	PROGRAM 18 - SECTION 5311 CAPITAL AWARD COLLIER COUNTY BUS	FDOT	DU	CAP	23	\$ 557,117
				LF	CAP	23	\$ 139,279
451893-2	Capital for fixed route	SECTION 5311 CAPITAL AWARD COLLIER COUNTY	FDOT	DU	CAP	23	\$ 42,639
				LF	CAP	23	\$ 10,660

FPN	Responsible Agency	TIP Page	LRTP Reference
451147-1	FDOT	Appendix K, P6, Section H	P6-23, Table 6-12
452478-2	FDOT	Appendix K, P7, Section H	P6-23, Table 6-12
451893-1	FDOT	Appendix K, P8, Section H	P6-23, Table 6-12
449143-1	FDOT	Appendix K, P9, Section H	P6-23, Table 6-12

COLLIER METROPOLITAN PLANNING ORGANIZATION

Attest: _____

Date: _____

By: _____

Date: _____

Anne McLaughlin
Collier MPO Executive Director

MPO Chair
Printed Name:
Title: MPO Chair

Approved as to form and legality

Scott R. Teach, Deputy County Attorney

COLLIER MPO FY 2023 - 27 TIP

451893-2 SECTION 5311 CAPITAL AWARD COLLIER COUNTY

Project Description:

Prior Years Cost: N/A
 Future Years Cost: N/A
 Total Project Cost: N/A

Work Summary: CAPITAL FOR FIXED ROUTE

Lead Agency: COLLIER COUNTY **Length:** NA

2045 LRTP: Table 6-12, P6-23

Phase	Fund	2022/23	2023/24	2024/25	2025/26	2026/27	Total
CAP	DU	42,639					42,639
CAP	LF	10,660					10,660
		0	0	0	0	0	0
		0	0	0	0	0	0
		0	0	0	0	0	0
Total		53,299	0	0	0	0	53,299





Florida Department of Transportation

RON DESANTIS
GOVERNOR

801 N Broadway Avenue
Bartow, Florida 33830

JARED W. PERDUE, P.E.
SECRETARY

January 12, 2023

Mrs. Anne McLaughlin
Executive Director
Collier MPO
2885 Horseshoe Dr S
Naples, FL 34104

RE: Request for Amendments to the Collier County Metropolitan Planning Organization's Fiscal Years 2022/23 – FY 2026/27 Transportation Improvement Program (TIP).

Dear Mrs. McLaughlin:

The letter is a formal request for the Collier County Metropolitan Planning Organization (MPO) to approve the following amendments to the FY2022/23 – FY2026/27 Transportation Improvement Plan (TIP) at the February 10, 2023 MPO Board Meeting.

451147-1 5310 CAPITAL - BONITA SPRINGS UZA - COLLIER COUNTY BOCC

This is a new project that has been selected during the competitive application process for 5310 funding. The funds were allocated to the state in FFY22 and were programmed in SFY23.

FLP: TRANSIT							
Item Number: 451147 1		Project Description: 5310 CAPITAL - BONITA SPRINGS UZA - COLLIER COUNTY BOCC					
District: 01	County: COLLIER	Type of Work: CAPITAL FOR FIXED ROUTE				Project Length: 0.000	
Phase / Responsible Agency		Fiscal Year					
		<2023	2023	2024	2025	2026	>2026
CAPITAL / MANAGED BY COLLIER COUNTY							
Fund Code:	DPTO-STATE - PTO		34,381				34,381
	DU-STATE PRIMARY/FEDERAL REIMB		275,052				275,052
	LF-LOCAL FUNDS		34,382				34,382
Phase: CAPITAL Totals			343,815				343,815
Item: 451147 1 Totals			343,815				343,815
Project Totals			343,815				343,815
Grand Total			343,815				343,815

452478-2 5310 DISTRICT CAPITAL - BONITA SPRINGS UZA - COLLIER COUNTY BOCC

This is a new project that has been selected during the competitive application process for 5310 funding. The funds were allocated to the state in FFY22 and were programmed in SFY23.

FLP: TRANSIT							
Item Number: 452478 2		Project Description: 5310 DISTRICT CAPITAL - BONITA SPRINGS UZA - COLLIER COUNTY BOCC					
District: 01	County: COLLIER	Type of Work: CAPITAL FOR FIXED ROUTE				Project Length: 0.000	
		Fiscal Year					
Phase / Responsible Agency		<2023	2023	2024	2025	2026	>2026 All Years
CAPITAL / MANAGED BY COLLIER COUNTY							
Fund Code:	DPTO-STATE - PTO		119				119
	DU-STATE PRIMARY/FEDERAL REIMB		950				950
	LF-LOCAL FUNDS		119				119
Phase: CAPITAL Totals			1,188				1,188
Item: 452478 2 Totals			1,188				1,188
Project Totals			1,188				1,188
Grand Total			1,188				1,188

451893-1 PROGRAM 18 - SECTION 5311 CAPITAL AWARD COLLIER COUNTY BUS

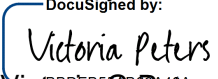
This is a new project that has been selected during the competitive application process for 5311 funding. The funds were allocated to the state in FFY22 and were programmed in SFY23.

451893-2 SECTION 5311 CAPITAL AWARD COLLIER COUNTY

This is a new project that has been selected during the competitive application process for 5311 funding. The funds were allocated to the state in FFY22 and were programmed in SFY23.

FLP: TRANSIT							
Item Number: 451893 1		Project Description: PROGRAM 18 - SECTION 5311 CAPITAL AWARD COLLIER COUNTY BUS					
District: 01	County: COLLIER	Type of Work: CAPITAL FOR FIXED ROUTE				Project Length: 0.000	
		Fiscal Year					
Phase / Responsible Agency		<2023	2023	2024	2025	2026	>2026 All Years
CAPITAL / MANAGED BY COLLIER COUNTY							
Fund Code:	DU-STATE PRIMARY/FEDERAL REIMB		557,117				557,117
	LF-LOCAL FUNDS		139,279				139,279
Phase: CAPITAL Totals			696,396				696,396
Item: 451893 1 Totals			696,396				696,396
Item Number: 451893 2		Project Description: SECTION 5311 CAPITAL AWARD COLLIER COUNTY					
District: 01	County: COLLIER	Type of Work: CAPITAL FOR FIXED ROUTE				Project Length: 0.000	
		Fiscal Year					
Phase / Responsible Agency		<2023	2023	2024	2025	2026	>2026 All Years
CAPITAL / MANAGED BY COLLIER COUNTY							
Fund Code:	DU-STATE PRIMARY/FEDERAL REIMB		42,639				42,639
	LF-LOCAL FUNDS		10,660				10,660
Phase: CAPITAL Totals			53,299				53,299
Item: 451893 2 Totals			53,299				53,299
Project Totals			749,695				749,695
Grand Total			749,695				749,695

If you have any questions, please feel free to contact me at (863) 272-2368.

Sincerely,
DocuSigned by:

Victoria Peters
Community Liaison

cc: Carlos A Gonzalez, Federal Highway Administration
Denise Strickland, Florida Department of Transportation
Ashley Melton, Florida Department of Transportation
Wayne Gaither, Florida Department of Transportation

EXECUTIVE SUMMARY
COMMITTEE ACTION
ITEM 7B

Review and Comment on Draft Bike-Ped Safety Ordinance

OBJECTIVE: For the Committee to review and comment on the draft Bike-Ped Safety Ordinance.

CONSIDERATIONS: The County Attorney's Office (CAO) has followed up on the direction provided at the December 2022, MPO Board meeting regarding drafting a County ordinance regulating the operation of bicycles on public sidewalks. The CAO has proposed an amendment to the existing Pedestrian Safety Ordinance to incorporate additional regulations covering the operation of bicycles (including electrical bicycles) on public sidewalks within the unincorporated portions of Collier County.

The amendment would require that bicyclists ride the same direction as the flow of traffic and that only human powered bicycles can be operated on public sidewalks. Cyclists could ride electric bicycles on sidewalks, but they would have to be under human power rather than the battery function.

The CAO discussed the proposed amended Ordinance with the Collier County Sheriff Office's attorney. Although the amended Ordinance specifically regulates the unincorporated portions of the County, the CAO will be reaching out to the respective attorneys representing the municipalities to gauge their interest.

Staff will provide the Committee's comments to the CAO. The new sections of the Ordinance are underlined, and any changes are included in ~~strickethrough~~. (**Attachment 1**).

MPO Staff will report on comments made by the Bicycle and Pedestrian Advisory Committee at their meeting on February 21, 2023.

STAFF RECOMMENDATION: that the Committee review and comment on the draft Bike-Ped Safety Ordinance.

Prepared By: Anne McLaughlin, MPO Director

ATTACHMENT(S):

1. Draft Bike-Ped Safety Ordinance in Track Changes

ORDINANCE NO. 2023 - _____

AN ORDINANCE OF THE BOARD OF COUNTY COMMISSIONERS OF COLLIER COUNTY, FLORIDA, AMENDING ORDINANCE NO. 2022-02, THE "COLLIER COUNTY PEDESTRIAN SAFETY ORDINANCE", AMENDING SECTION THREE, DEFINITIONS; AMENDING SECTION FOUR, JURISDICTION; PROVIDING FOR A NEW SECTION ESTABLISHING REQUIREMENTS FOR THE OPERATION OF BICYCLES ON SIDEWALKS, CROSSWALKS, AND IN INTERSECTIONS WITHIN THE UNINCORPORATED PORTIONS OF COLLIER COUNTY, FLORIDA; PROVIDING FOR CONFLICT AND SEVERABILITY; PROVIDING FOR INCLUSION IN THE CODE OF LAWS AND ORDINANCES; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, a recent compilation of motor vehicle crash data for 2020 published by the National Highway Traffic Safety Administration in October 2022 stated that Florida ranked fourth in the percentage of pedestrian fatalities in 2020; and

WHEREAS, Collier County has a significant government interest in pedestrian and bicyclist safety and this ordinance regulates conduct for the purpose of promoting pedestrian and bicyclist safety; and

WHEREAS, according to the Florida Department of Highway Safety and Motor Vehicles Crash Dashboard website at <https://www.flhsmv.gov/traffic-crash-reports/crash-dashboard/>, in 2022, there were 172 bicycle crashes in Collier County, resulting in 4 fatalities, and 164 injuries suffered, as well as, 190 pedestrian crashes resulting in 5 fatalities, and 122 injuries suffered (this data covers crashes occurring between January 1, 2022 and December 29, 2022); and

WHEREAS, the Florida Statutes expressly authorize local authorities such as Collier County to regulate the operation of bicycles and electric bicycles within their jurisdiction and within the reasonable exercise of their police power under the State Uniform Traffic Control Statute at §§ 316.008(h) and 316.2068(5); and

WHEREAS, the Board of County Commissioners finds that requiring the progression of bicycles on sidewalks and upon public rights of way to travel in the same direction as the flow of traffic will promote safer pedestrian travel and reduce the potential for crash events between vehicles and both pedestrian and bicycle travelers; and

WHEREAS, there has been a noticeable increase in the operation of electric bicycles on public sidewalks in Collier County, which presents enhanced opportunities for crashes and injuries with other pedestrian travelers upon those sidewalks, due in part to the steady accelerated speed which electric bicycles can maintain as compared to manually operated bicycles; and

[21-COA-02062/1764287/1]

WHEREAS, the Board of County Commissioners finds that this Amendment to Ordinance No. 2022-02 is narrowly tailored to impose specific regulations to protect the public health, safety, and welfare by reducing the likelihood of serious bodily injury or death that results from conflicts between vehicular traffic, bicyclists, and pedestrians progressing on the sidewalks, crosswalks, and intersections in the unincorporated area of Collier County; and

WHEREAS, the Board of County Commissioners seeks to prevent further pedestrian fatalities or injuries within the County.

NOW, THEREFORE, BE IT DULY ORDAINED BY THE BOARD OF COUNTY COMMISSIONERS OF COLLIER COUNTY, FLORIDA, that:

SECTION ONE: Section Three: Definitions of Ordinance No. 2022-02, codified as Section 110-162 of the Code of Laws and Ordinances, is amended as follows:

SECTION THREE: DEFINITIONS.

For the purpose of this division, the following definitions shall apply unless the context clearly indicates or requires a different meaning:

Bicycle means every vehicle propelled solely by human power, having two tandem wheels, and including any device generally recognized as a bicycle though equipped with two front or two rear wheels, as defined in § 316.003(4), Florida Statutes, including any device generally recognized as a bicycle though equipped with two front or two rear wheels. The term does not include motorized scooters, micromobility devices, or such similar devices as defined in § 316.003(41).

Bicycle lane means any portion of a roadway or highway which is designated by pavement markings and signs for preferential or exclusive use by bicycles. See also Travel Lane below.

Bicycle path means any road, path, or way that is open to bicycle travel, which road, path, or way is physically separated from motorized vehicular traffic by an open space or by a barrier and is located either within the right-of-way or within an independent right-of-way.

Crosswalk means: (a) that part of a roadway at an intersection included within the connections of the lateral lines of the sidewalks on opposite sides of the highway, measured from the curbs or, in the absence of curbs, from the edges of the traversable roadway, and (b) any portion of a roadway at an intersection or elsewhere distinctly indicated for pedestrian crossing by lines or other markings on the surface.

Electric bicycle means a bicycle or tricycle equipped with a fully operable pedals, a seat or saddle for the use of the rider, and an electric motor of less than 750 watts which meets the requirements of one of the following three classifications:

- (a) “Class 1 electric bicycle” means an electric bicycle equipped with a motor that provides assistance only when the rider is pedaling and that ceases to provide assistance when the electric bicycle reaches the speed of 20 miles per hour.

(b) “Class 2 electric bicycle” means an electric bicycle equipped with a motor that may be used exclusively to propel the electric bicycle and that ceases to provide assistance when the electric bicycle reaches the speed of 20 miles per hour.

(c) “Class 3 electric bicycle” means an electric bicycle equipped with a motor that provides assistance only when the rider is pedaling and that ceases to provide assistance when the electric bicycle reaches the speed of 28 miles per hour.

Intersection means: (a) the area embraced within the prolongation or connection of the lateral curblines or, if none, then the lateral boundary lines of the roadways of two highways which join one another at, or approximately at, right angles; or the area within which vehicles traveling upon different highways joining at any other angle may come in conflict, and (b) where a highway includes two roadways 30 feet or more apart, every crossing of each roadway of such divided highway by an intersecting highway shall be regarded as a separate intersection. If the intersecting highway also includes two roadways 30 feet or more apart, every crossing of two roadways of such highways shall be regarded as a separate intersection.

Median means the portion of the roadway separating the opposing traffic flows. Medians can be depressed, raised, or flush.

Moped means any vehicle with pedals to permit propulsion by human power, having a seat or saddle for the use of the rider and designed to travel on not more than three wheels, with a motor rated not in excess of 2 brake horsepower and not capable of propelling the vehicle at a speed greater than 30 miles per hour on level ground and with a power-drive system that functions directly or automatically without clutching or shifting gears by the operator after the drive system is engaged. If an internal combustion engine is used, the displacement may not exceed 50 cubic centimeters. The term does not include an electric bicycle.

Motorized scooter means any vehicle or micromobility device that is powered by a motor with or without a seat or saddle for the use of the rider, which is designed to travel on not more than three wheels, and which is not capable of propelling the vehicle at a speed greater than 20 miles per hour on level ground. The term does not include an electric bicycle.

Motor vehicles means any vehicle which is self-propelled and every vehicle which is propelled by electric power obtained from overhead trolley wires, but not operated upon rails, but not including any bicycle or moped as defined in this section.

Pedestrian means any person afoot.

Person means any natural person, firm, co-partnership, association, or corporation.

Sidewalk is the portion of the street right-of-way intended for the use of pedestrians that is between the curb and the adjacent property line. If there is no curb or right-of-way parking area, it is the portion of the street right-of-way intended for the use of pedestrians that is between the roadway and the adjacent property line. If there is no curb but there is a right-of-way parking area, it is the portion of the street right-of-way intended for the use of pedestrians that is between the right-of-way parking area and the adjacent property line.

Traffic separator means a barrier, such as a concrete wall, raised median, guardrail, fence, or landscaped or gravel area, whether or not raised, that is less than 6 feet in width placed between lanes of a roadway to divide traffic moving in opposite directions.

Travel lane means the portion of the roadway dedicated to the movement of motor vehicles traveling from one destination to another where a motor vehicle may not remain stationary indefinitely without eventually obstructing the free flow of motor vehicle traffic, and not including, shoulders, bicycle lanes, or on the street parking. Travel lanes do not include sidewalks, bike paths, private property, or streets closed to vehicular traffic. The term shall include ~~bike~~-bicycle lanes which are delineated but a contiguous part of the street or highway pavement.

SECTION TWO: Section Four of Ordinance No. 2022-02, codified as Section 110-163 of the Code of Laws and Ordinances of Collier County, Florida, is amended as follows:

SECTION FOUR: JURISDICTION

The provisions of this section shall be in effect upon all streets and highways, owned and maintained by the county, as well as the sidewalks within the unincorporated area of the county over which Collier County has traffic control jurisdiction.

SECTION THREE: Ordinance No. 2022-02 is amended to include the following new section:

OPERATION OF BICYCLES ON PUBLIC SIDEWALKS AND CROSSWALKS WITH FLOW OF TRAFFIC

1. Authorization: Bicycle riding is allowed upon the public sidewalks within the unincorporated area of Collier County over which the County has traffic control jurisdiction.
2. Power Assisted Bicycles Prohibited: No person shall ride any bicycle other than by using human power upon any public sidewalk except for authorized government personnel, law enforcement officers, and other emergency responders. All types of motorized mopeds and motorized scooters are prohibited.
3. Operation with Flow of Traffic: Bicycles shall travel in the same direction as traffic while being operated on public sidewalks, crosswalks, and intersections so that such bicycles are traveling with and not against the flow of traffic unless otherwise specifically directed by a law enforcement officer.

4. At a signalized intersection, a bicyclist approaching on a sidewalk must obey the instructions of any applicable pedestrian control signal. That is, the bicyclist may start to cross a roadway in a crosswalk only during a steady "Walk" phase, if one is displayed. If no pedestrian signal is provided, the cyclist may proceed in accordance with the signal indications for the parallel roadway traffic flow.
5. The provisions of this Section expressly do not apply to motorized wheelchairs having three or more wheels.

SECTION FOUR: CONFLICT AND SEVERABILITY

In the event this Ordinance conflicts with any other Ordinance of Collier County or other applicable law, the more restrictive shall apply. If any phrase or portion of the Ordinance is held invalid or unconstitutional by any court of competent jurisdiction, such portion shall be deemed a separate, distinct, and independent provision and such holding shall not affect the validity of the remaining portion.

SECTION FIVE: INCLUSION IN THE CODE OF LAWS AND ORDINANCES

The provisions of this Ordinance shall become and be made a part of the Code of Laws and Ordinances of Collier County, Florida. The sections of the Ordinance may be renumbered or relettered to accomplish such, and the word "ordinance" may be changed to "section," "article," or any other appropriate word.

SECTION SIX: EFFECTIVE DATE

This Ordinance shall become effective upon filing with the Department of State.

PASSED AND DULY ADOPTED by the Board of County Commissioners of Collier County, Florida, this _____ day of _____, 2023.

ATTEST:
CRYSTAL K. KINZEL,
Clerk of Courts & Comptroller

BOARD OF COUNTY COMMISSIONERS
COLLIER COUNTY, FLORIDA

By: _____
_____, Deputy Clerk

By: _____
Rick LoCastro., Chairman

Approved as to form and legality:

Scott R. Teach
Deputy County Attorney

EXECUTIVE SUMMARY
COMMITTEE ACTION
ITEM 7C

Endorse Project Scope for Transit Disadvantaged Service Plan – Major Update

OBJECTIVE: For the Committee to endorse the Project Scope for the Transit Disadvantaged Service Plan (TDSP) Major Update.

CONSIDERATIONS:

The Florida Commission for the Transportation Disadvantaged (CTD) requires a TDSP in conformance with its regulations to meet the requirements for State funding eligibility. Collier MPO, in coordination with Collier County Public Transit and Neighborhood Enhancement (PTNE) Division, will provide the consultant with documents and materials related to the update.

The consultant will then conduct plan preparation to obtain deliverables for committees and the MPO Board, including: Public Involvement, Needs Assessment, Major TDSP Update Activities, Draft TDSP Major Update, and Final TDSP Major Update for review, comment, approval, and acceptance, and then submittal to the CTD by October 2024.

STAFF RECOMMENDATION: That the Committee endorse the TDSP Major Update Project Scope.

Prepared By: Sean Kingston, MPO Principal Planner, MURP, AICP, CFM

ATTACHMENT(S):

1. Project Scope for TDSP Major Update

Project Scope
Transportation Disadvantaged Service Plan (TDSP) Major Update
DRAFT v3

A Transportation Disadvantaged Service Plan (TDSP) is a five-year plan required by the Florida Commission for the Transportation Disadvantaged (CTD) that calls for an annually updated strategic plan developed by the Planning Agency and the Community Transportation Coordinator (CTC) which contains development, service and quality assurance components related to the delivery of the Transportation Disadvantaged Program. The CTD requires a TDSP in order to meet the requirements to maintain eligibility for state funding.

This Major Update of the Transportation Disadvantaged Service Plan (TDSP) shall address the requirements of, and comply with, applicable Florida Commission for the Transportation Disadvantaged (CTD) regulations as described in the November 2007 Instruction Manual for the Memorandum of Agreement and the Transportation Disadvantaged Service Plan 2007/2008.

The TDSP also serves as the Locally Coordinated Human Services Transportation Plan (LCHSTP) as required by The Federal Transit Administration (FTA) for funding eligibility under the Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310) program in accordance with the Fixing America's Surface Transportation (FAST) bill.

The Collier MPO, in coordination with the County Public Transit and Neighborhood Enhancement Division will provide the Consultant with documents and materials as requested related to the development of the TDSP major update, which may include but is not limited to: current GIS map files, last major TDSP update, last TDSP annual update, last Transit Development Plan (TDP) major update, last TDP annual update, the current Transportation Improvement Plan (TIP), the new Memorandum of Agreement (MOA), and relevant long range transportation plans.

Task I. Public Involvement

The Consultant will assess community perceptions (both system users and non-users) of public transportation needs and services. This will be accomplished by the public involvement activities listed below. It is anticipated the Collier MPO will be responsible for coordinating the communication activities (meeting notices, media notifications, newsletter articles, website content etc.) consistent with its public involvement program.

1. The Consultant will attend a meeting of the Local Coordinating Board (LCB) to provide information on the schedule and progress of the major TDSP update. Contractor will make a short presentation and provide an opportunity for public comment and involvement. The MPO will each assign a Project Manager to lead the project. The MPO Project Manager will serve as the primary point of contact for the Consultant and will coordinate internal reviews of deliverables among the MPO staff as well as with the PTNE Division.

2. The Consultant will host a kick-off teleconference with the MPO Project Managers and a representative(s) from PTNE to solicit input about the project and to guide deliverables produced by the Consultant. The kick-off meeting will occur early on in the project process. The MPO Project Manager and PTNE representative(s) will review all deliverables and provide input and direction to the Consultant throughout the project.
3. Based on the input received during the public involvement process, the Consultant will summarize and include the comments/suggestions/concerns as part of the major TDSP update draft document.
4. The LCB will hold a public hearing to solicit public input on the draft document.
5. The MPO Project Manager will coordinate review and comment on the draft document by the MPO's Technical and Citizen Advisory Committees and final review and approval by the MPO Board.

Deliverable: Documentation and description of the meetings held will be included in the Draft Major TDSP Update.

Task II. Needs Assessment

The Consultant will review and analyze needs, opportunities, and alternatives for the delivery of transportation disadvantaged services in Collier County to develop strategic initiatives for the program. These initiatives will be developed in conjunction with the MPO Project Manager as identified in Task I and will consider information gained from the LCB public hearing as well as comments provided by the Technical and Citizen Advisory Committees.

The results of all previous tasks will be considered in developing strategic initiatives for the Collier MPO. Initiatives will be identified and analyzed at this stage regardless of cost to emphasize the strategic intent of the TDSP process. Any projects derived from this process will appear in the Needs Assessment section and the Goals, Objectives and Strategies section of the Draft Major TDSP update document.

Deliverable: A listing of projects developed during the Needs Assessment process will appear in the Draft Major TDSP Update document. Also, any relationship of the project listing to the information gathered during the public involvement process will be noted.

Task III. Major TDSP Update Activities

As per the Florida Commission for the Transportation Disadvantaged **Instruction Manual for the Completion of Transportation Disadvantaged Service Plans**, the following sections of the Plan must be reviewed and updated as part of this major TDSP update.

Section I – Development Plan

- A. Introduction to the Service Area
 1. Background of the TD Program
 2. Community Transportation Coordinator Designation/History

3. Organization Chart
4. Consistency Review of Other Plans
5. Public Participation

B. Service Area Profile/Demographics

1. Service Area Description
2. Demographics

C. Service Analysis

1. Forecasts of Transportation Disadvantaged Population
2. Needs Assessment
3. Barriers to Coordination
4. Goals, Objectives and Strategies
5. Implementation Schedule

Section II – Service Plan

A. Operations

1. Types, Hours, Days of Service
2. Accessing Service
3. Transportation Operators and Coordination Contractors
4. Public Transit Utilization
5. School Bus Utilization
6. Vehicle Inventory
7. System Safety Program Plan Certification
8. Intercounty Services
9. Emergency Preparedness and Response
10. Educational Efforts/Marketing
11. Acceptable Alternatives
12. Service Standards
13. Local Complaint and Grievance Procedure/Process
14. Community Transportation Coordinator Monitoring Procedures of Operators and Coordination Contractors
15. Coordination Contract Evaluation Criteria

B. Cost/Revenue Allocation and Rate Structure Justification

Section III – Quality Assurance

- A. Provide information on the evaluation processes utilized at the local level to ensure quality of service is being achieved and that it is being provided in the most cost effective, efficient, unduplicated and unfragmented manner.
- B. Incorporate current CTC evaluation worksheets including Cost, Competition and Coordination.

Deliverable: Draft Development Plan and Service Plan documents.

Task IV. Draft TDSP Major Update

A draft TDSP Major Update will be submitted and presented to the MPO Project Manager and PTNE Liaison for review and comment, followed by presentations to the PTAC, the LCB, the TAC, CAC and the MPO Board for review and comment.

The final draft TDSP Major Update will be presented to the LCB and the MPO Board for approval and acceptance.

Deliverable: The final draft document will consist of consolidation of all required sections noted above in Tasks I, II and III into one comprehensive document. The draft will be provided in electronic format to facilitate the review process. If deemed necessary by the MPO Project Manager, the Consultant will submit up to (10) copies of the draft TDSP Major Update. Working with the MPO Project Manager and PTNE Liaison, the Consultant will modify the draft TDSP Major Update to respond to comments received.

Task V. Final TDSP Major Update

The Consultant will present the Final TDSP to the LCB and MPO Board. Following review and acceptance of by the MPO, the Consultant shall prepare and submit the Final TDSP Major Update document.

Deliverable: The Consultant will prepare three (3) original signed Final TDSP Major Update documents, two of which are for the MPO’s transmittal to the Florida Commission for the Transportation Disadvantaged and the other for the MPO files. The Consultant will prepare and provide the MPO with an electronic copy of the document both in Microsoft Word and as a pdf file. Maps created by the Consultant will be submitted in PDF and GIS file formats; Consultant generated tables will be provided in excel or access formats.

PROJECT SCHEDULE

With the assumption that the Notice to Proceed will be issued by June 1, 2023 it is anticipated the Major TDSP Update will be completed within a time frame to meet the required October 30, 2024 submittal to the Florida Commission for Transportation Disadvantaged. The following is the anticipated schedule for the completion of preliminary deliverables:

Draft Schedule By Key Activity

June 2023	Notice To Proceed Issued by Collier MPO
June 2023	Kick-off Teleconference with Project Managers
Sept 2023	Presentation at LCB/TD Meeting
Dec 2023	Submit Preliminary Draft TDSP Major Update to Project Managers
Feb 2024	PTAC meeting to Review Draft Update
Feb 2024	TAC/CAC meeting to Review Draft Update
Mar 2024	LCB Review Preliminary Draft TDSP Major Update
Jun 2024	Submit Final Draft TDSP Major Update to Project Managers

Aug 2024 Present Final Draft TDSP Major Update to PTAC, TAC/CAC
Sep 2024 Present Final Draft TDSP Major Update to LCB
Oct 2024 Submit Final TDSP Major Update to Collier MPO
Oct 2024 MPO Submits Final TDSP Major Update to TD Commission

EXECUTIVE SUMMARY
COMMITTEE ACTION
ITEM 7D

Endorse Project Scope for Zero Emissions Transit Fleet Transition Plan

OBJECTIVE: For the Committee to endorse the Project Scope for the Zero Emissions Transit Fleet Transition Plan.

CONSIDERATIONS:

Collier Area Transit (CAT), in partnership with Collier MPO, will be hiring a consultant for the development of a plan aimed at Zero Emission Vehicles (ZEVs) for the purpose of a greener option than the current fleet. Potential impacts, including operations, infrastructure, workforce, and financial performance will be evaluated for smooth deployment.

The consultant will conduct plan preparation with the ultimate deliverable of a Final Zero Emissions Fleet Transition Plan to be presented to advisory- and decision-making bodies. This will begin with the formation of a Project Management Plan (PMP), followed by interagency meetings to create a vision and make goals, then block/route modeling along with the analysis of alternatives including battery electric vehicles (BEV) and hydrogen electric fuel cells (HFC), energy charging and storage facilities review, fleet maintenance review, financial analysis, and a transition plan to the new technology.

STAFF RECOMMENDATION: That the Committee endorse the Zero Emissions Transit Fleet Transition Plan Project Scope.

Prepared By: Sean Kingston, MPO Principal Planner, MURP, AICP, CFM

ATTACHMENT(S):

1. Project Scope for Zero Emissions Transit Fleet Transition Plan

Zero Emission Fleet Transition Plan

Introduction

Collier Area Transit (CAT) as the operator of Fixed-Route and Paratransit transportation for Collier County in partnership with Collier County Metropolitan Planning Organization (MPO) will be hiring a consultant to assist with the study and development of a roadmap to deploy zero emissions vehicles (ZEV). ZEVs reflect a global trend to modernize fleets, reduce greenhouse-gas emissions, and make a cleaner, environmental-friendlier option. As the availability and models of ZEVs increase and the cost disparity with internal combustion engine models decreases ZEVs are finding their place in personal, public and private fleets. The introduction of a new technology has the potential to affect daily operations, infrastructure, workforce and financial performance. The transition study evaluates these potential impacts and develops a strategic road map to facilitate a smooth deployment.

Project Objectives

The purpose of the study is to develop a Zero Emission Fleet Transition Roadmap to provide a feasibility and deployment plan to incorporate zero emission buses into Collier Area Transit's services and facilities.

Scope of Work

Task 1. Project Management

Activities in this task will pertain to the development and execution of a Project Management Plan, which will include a Quality Management Plan (QMP). These activities will include monitoring the project for cost and schedule variances, invoicing, progress reports and arranging for and conducting one hour bi-weekly project status meetings between consultant and client project managers.

Anticipated Deliverables

- PMP
- QMP
- Bi-weekly project status report and meeting notes

Task 2. Project Kick-off and Data Collection

The consultant will host project kick-off meeting with Collier Area Transit and Collier MPO to determine project vision, goals, timeline, action items and any other project administration related issues to ensure the anticipated deliverables will meet desired outcome.

Data collection

After project kick-off, the consultant will collect data for target routes. Data to collect will include route characteristics, vehicle loads, terrain changes, fleet operating conditions, requisite data for implementing vehicle profiles, electric accessory loads, depot location, field data related to energy consumption, utility tariff and fleet duty cycles. This task will also define assumptions that will be used when performing the route power energy modeling and analysis.

Anticipated Deliverables

- Project kick-off meeting notes

Task 3. Route Power Energy Modeling and Analysis

The consultant will perform block/route modeling to evaluate energy consumption for weekday and weekend service levels based on depot charging. Model simulation will be based on the appropriate vehicle profile, operating hours, and operating miles with consideration of deadhead, elevation changes, vehicle loads, climate conditions and accessory loads. The modeling results will be used as foundation to provide recommendations on the zero emission bus routes and efficient ZEV operation.

The model simulation will:

1. Determine route ZEV feasibility of block schedules,
2. Forecast energy consumption and duty cycles for target routes and vehicle block schedules,
3. Forecast vehicle fueling/charging schedule to comply with next day operational needs,
4. Project Peak Vehicle Requirements,

In the case of battery electric vehicles (BEV), the Route/Power Analysis will also:

1. Model and forecast the average and maximum kWh required to power the BEV fleet,
2. Model and forecast the electrical power demand and charging schedule for depot based charging,
3. Model and forecast the electrical power demand and charging schedule for on-route charging,
4. Model and forecast the battery state of charge (SOC) for each block for each simulation profile,
5. Forecast power delivery infrastructure needed,
6. Forecast number of depot and on-route chargers required,
7. Provide general footprint requirements to accommodate power delivery and charging infrastructure,

In the case of hydrogen electric fuel cells (HFC), the Route/Power Analysis will also:

1. Forecast the average and maximum hydrogen volume needed to power the HFC fleet.
2. Provide high level logistics for four different types of fueling options; gas form, liquid form, reformed on-site and renewable hydrogen
3. Forecast needed energy storage, generation and delivery infrastructure
4. Provide general footprint requirements to accommodate fuel storage, generation and fueling delivery systems.

Anticipated Deliverables

- Memorandum of findings and analysis

Task 4. Energy Charging and Storage Facilities Review and Recommendations

The consultant will review existing facilities for power availability, energy storage and delivery systems and evaluate modifications needed to support both types of ZEV fleet as modeled in Task 3.

Anticipated Deliverables

- Memorandum of findings and recommendations

Task 5. Fleet Maintenance Review and Recommendations

Activities in this task will review fleet maintenance requirements and provide best practices based on the energy demand forecast, charging schedule, and battery/fuel profile generated from Task 3. The

consultant will also research available ZEVs and provide a planning level comparison using criteria such as battery range, technology reliability, charging profile, capital cost and maintenance cost.

Anticipated Deliverables

- Memorandum of findings and recommendations of best practices
- Table summarizing pertinent available ZEVs and associated equipment.

Task 6. Financial Analysis

This task will be completed to provide high-level capital cost estimates for the recommended fleet conversion, recommended energy charging and storage facility modifications. This includes annual and total life cycle electricity or fuel cost, annual and total life cycle maintenance cost, and any necessary training cost. In addition, the consultant will research a minimum of three potential funding sources or provide recommendation on [two] alternative funding finance mechanism for the project.

Anticipated Deliverables

- Start-up capital cost estimates
- Forecast life cycle costs
- Forecast annual operating cost
- Summary of potential funding sources

Task 7. Transition Plan

Develop recommendations regarding the following:

- Phasing in capital investments based on available revenue sources
- Addressing costs associated with annual maintenance and operations
- Identify skill gaps, training needs and retraining needs of existing work force to operate and maintain zero-emission vehicles and related infrastructure (to avoid displacement.)

Task 8. Development of Zero Emission Fleet Transition Plan

Based on results and recommendations drawn from abovementioned analyses and client directives, the consultant will develop a roadmap that outlines deployment strategies and identifies implementation priorities to achieve zero emission routes. The final report will incorporate elements listed above and summaries findings and recommendations. It is anticipated that there will be one round of Collier Area Transit review, the consultant will address comments from the review and prepare a final report.

Anticipated Presentations

- Public Transit Advisory Committee
- Collier MPO Technical and Citizens Advisory Committee
- Collier MPO
- Collier County Board of County Commissioners

Anticipated Deliverables

- Draft Zero Emission Fleet Transition Plan
- Final Zero Emissions Fleet Transition Plan

EXECUTIVE SUMMARY
COMMITTEE ACTION
ITEM 7E

Endorse FDOT's PM2 and PM3 Statewide Performance Targets

OBJECTIVE: For the Committee to endorse FDOT's PM2 and PM3 Statewide Performance Targets.

CONSIDERATIONS:

In September 2018, Collier MPO Board voted to support FDOT's initial Statewide Pavement and Bridge Performance Targets (PM2) and System Performance Targets (PM3) instead of establishing targets of its own. PM2 and PM3 Targets are applicable to the National Highway System (NHS) shown in **Attachment 1**.

By supporting the Statewide Targets, the MPO agreed to plan and program projects in the Transportation Improvement Program (TIP) that were anticipated to make progress towards achieving the Statewide Targets. The two-year Targets for this First Performance Period reflected the anticipated performance levels at the end of Calendar Year (CY) 2019 while the four-year targets reflected the anticipated performance level at the end of CY 2021.

With the conclusion of the First Performance Period, FDOT has now set two and four-year Statewide Targets for the Second Performance Period – January 1, 2023 through December 31, 2025. (**Attachment 2**) This requires Collier MPO to again take action to either support the Statewide Targets or establish targets of its own.









STAFF RECOMMENDATION: That the Committee endorse FDOT's PM2 and PM3 Statewide Performance Targets.

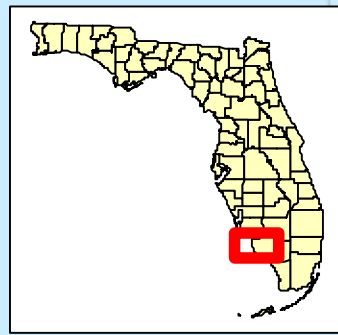
Prepared By: Sean Kingston, MPO Principal Planner, MURP, AICP, CFM

ATTACHMENT(S):

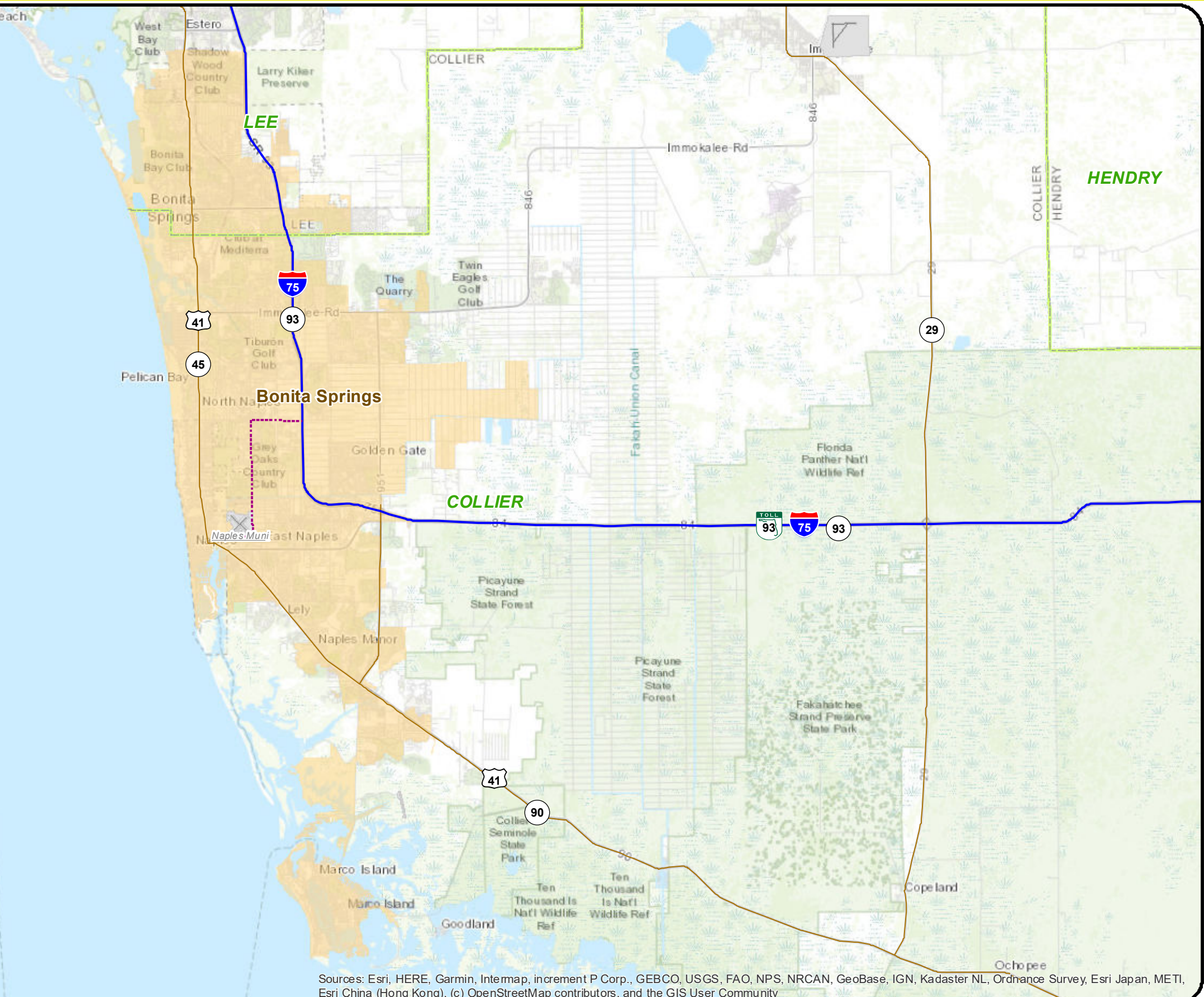
1. National Highway System Map – Collier County
2. FDOT PM2 and PM3 Statewide Targets for Second Performance Period

Legend

-  Interstate
-  STRAHNET Route
-  STRAHNET Connector
-  Unbuilt
-  Other Principal Arterials
-  Intermodal Connector
-  MAP-21 Principal Arterials
-  Urban areas



The "final" NHS is under review by the FHWA and the map may have minor revisions in the future.



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

STATEWIDE PAVEMENT AND BRIDGE CONDITION PERFORMANCE (PM2) TARGETS

Performance Measures	2-year Statewide Target (2023)	4-year Statewide Target (2025)
BRIDGE		
Percent of NHS bridges (by deck area) in good condition	≥50%	≥50%
Percent of NHS bridges (by deck area) in poor condition	≤10%	≤10%
PAVEMENT		
Percent of Interstate pavements in good condition	≥60%	≥60%
Percent of Interstate pavements in poor condition	≤5%	≤5%
Percent of non-Interstate NHS pavements in good condition	≥40%	≥40%
Percent of non-Interstate NHS pavements in poor condition	≤5%	≤5%

Source: FDOT

STATEWIDE SYSTEM PERFORMANCE AND FREIGHT (PM3) TARGETS

Performance Measures	2-year Statewide Target (2023)	4-year Statewide Target (2025)
Percent of person-miles on the Interstate system that are reliable (Interstate LOTTR)	≥75%	≥70%
Percent of person-miles on the non-Interstate NHS that are reliable (Non-Interstate NHS LOTTR)	≥50%	≥50%
Truck travel time reliability (TTTR) Index	≤1.75	≤2

Source: FDOT

EXECUTIVE SUMMARY
DISTRIBUTION
ITEM 10A

Administrative Modifications to the FY 2023-2027 Transportation Improvement Program (TIP)

OBJECTIVE: For the Committee to receive copies of administrative modifications to the FY 2023-2027 TIP.

CONSIDERATIONS: FDOT has requested that Collier MPO administratively modify three projects in the 2023 – 2027 TIP:

448065-2 Collier Area Transit Maintenance Building – the MPO Board approved adding \$2,500,000 in SU funds in FY 2023 to this project at its December 9, 2022 meeting. (**Attachment 1**)

441480-1 Eden Park Elementary – the MPO Board approved adding \$800,000 in SU funds in FY 2023 to this Safe Routes to Schools sidewalk project at its October 13, 2022 meeting. (**Attachment 2**)

417540-6 SR 29 from N of New Market Rd to SR 82 – FDOT has added funds Preliminary Engineering (PE) in FY23, for Right of Way (ROW), Railroad & Utilities (RRU) in FY25, and Construction in FY 2027. (**Attachment 3**)

FDOT’s letter, dated January 12, 2023, requesting the administrative modifications is shown in **Attachment 4**.

STAFF RECOMMENDATION: N/A (distributed for informational purposes)

Prepared By: Sean Kingston, MPO Principal Planner, MURP, AICP, CFM

ATTACHMENT(S):


1. Administrative Modification #1 Transit Maintenance Building
2. Administrative Modification #2 Eden Park Elementary
3. Administrative Modification #3 State Rd 29 N of New Market to SR82
4. FDOT Request Letter Dated 1/12/23

**TIP Administrative Modification #1 for MPO Executive Director
Approval to the FY 2023 through FY 2027 TIP**

<u>Action</u>	<u>FPN</u>	<u>Project Name</u>	<u>Description & Limits</u>	<u>Requested By</u>	<u>Fund</u>	<u>Phase</u>	<u>FY</u>	<u>Amount</u>
FTAT-FHWA Transfer to FTA SU	448065-2	Collier Area Transit Maintenance Building	N/A	MPO	FTAT	CST (94)	23	\$2,500,000
FTAT-FHWA Transfer to FTA SU	448065-2	Collier Area Transit Maintenance Building	N/A	MPO	SU	CST (94)	23	\$2,500,000
Total								\$2,500,000

Total Project Cost: TBD
 Responsible Agency: Collier County
 TIP Reference Page: H-6
 LRTP Reference Page: Table 6-12 P6-24

COLLIER METROPOLITAN
PLANNING ORGANIZATION

Approved By: 

Date: 12/9/22

Anne McLaughlin, MPO Executive Director

COLLIER MPO FY 2023 - 27 TIP

448065-2 COLLIER AREA TRANSIT MAINTENANCE BUILDING

Project Description: 2021 Transit Priority

Prior Years Cost: N/A

Work Summary: CONSTRUCTION

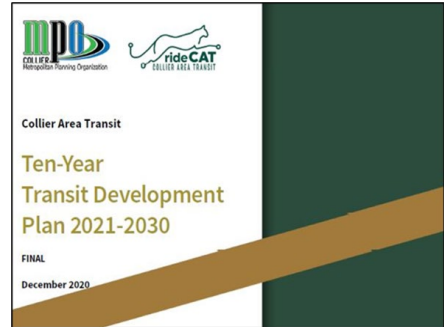
Future Years Cost: N/A

Total Project Cost: N/A

Lead Agency: COLLIER COUNTY **Length:** NA

2045 LRTP: Table 6-12, P6-24

Phase	Fund	2022/23	2023/24	2024/25	2025/26	2026/27	Total
CST (94)	FTAT	5,500,000					5,500,000
CST (94)	SU	5,500,000					5,500,000
		0	0	0	0	0	0
		0	0	0	0	0	0
		0	0	0	0	0	0
Total		11,000,000	0	0	0	0	11,000,000



**TIP Administrative Modification #2 for MPO Executive Director Approval
to the FY 2023 through FY 2027 TIP**

<u>Action</u>	<u>FPN</u>	<u>Project Name</u>	<u>Description & Limits</u>	<u>Requested By</u>	<u>Fund</u>	<u>Phase</u>	<u>FY</u>	<u>Amount</u>
Add SU funds to cover construction cost increase,	441480-1	Eden Park Elementary	N/A	MPO	SU	CST	23	\$800,000


Total Project Cost: \$1,465,171

Responsible Agency: Collier County

TIP Reference Page: B-1

L RTP Reference Page: P6-2, Table 6-1

COLLIER METROPOLITAN
PLANNING ORGANIZATION

Approved By: 

Date: 1/24/23

Anne McLaughlin, MPO Executive Director

COLLIER MPO FY 2023 - 27 TIP

4414801 EDEN PARK ELEMENTARY

Project Description: SOUTH SIDE OF CARSON RD FROM WESTCLOX TO CARSON LAKES CIR 6' SW Prior Years Cost: 56,027

Work Summary: SIDEWALK Future Years Cost: 0

Lead Agency: COLLIER COUNTY **Length:** 0.75 **2045 LRTP:** P6-2, Table 6-1

Phase	Fund	2022/23	2023/24	2024/25	2025/26	2026/27	Total
CST	SR2T	608,595	0	0	0	0	608,595
CST	SU	800,000	0	0	0	0	800,000
PE	SR2T	549	0	0	0	0	549
		0	0	0	0	0	0
		0	0	0	0	0	0
Total		1,409,144	0	0	0	0	1,409,144




Admin Mod #2 1/24/23

**TIP Administrative Modification #3 for MPO Executive Director Approval
to the FY 2023 through FY 2027 TIP**

<u>Action</u>	<u>FPN</u>	<u>Project Name</u>	<u>Description & Limits</u>	<u>Requested By</u>	<u>Fund</u>	<u>Phase</u>	<u>FY</u>	<u>Amount</u>
Add PE funding to FY23; Add ROW & RRU Phases to FY25; add funds to CST in FY27	417540-6	SR 29	N of New Market Rd to SR 82	FDOT	ACSA	PE	23	\$38,392
					ACNP	ROW	25	\$318,956
					DI	ROW	25	\$803,000
					DI	RRU	25	\$576,000
:					ACNP	CST	27	\$424,015
					DI	CST	27	\$2,456,187

Total Project Cost: 43,628,348
Responsible Agency: FDOT
TIP Reference Page: A-3
LRTP Reference Page: P6-2, Table 6-1

COLLIER METROPOLITAN
PLANNING ORGANIZATION

Approved By: 

Date: 1/24/23

Anne McLaughlin, MPO Executive Director

COLLIER MPO FY 2023 - 27 TIP

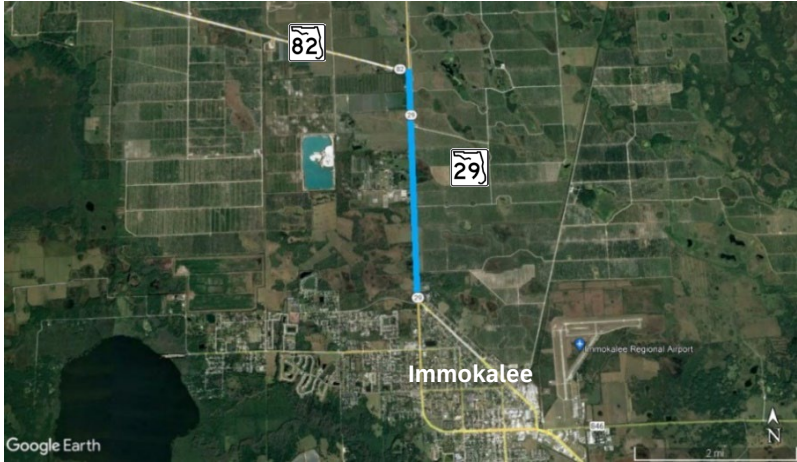
4175406 **SR 29 FROM N OF NEW MARKET RD TO SR 82** **SIS**

Project Description: Widen from 2 to 4 lanes (one segment of larger project) Freight Priority Prior Years Cost: 40,396,898

Work Summary: ADD LANES & RECONSTRUCT Future Years Cost: 0

Lead Agency: FDOT **Length:** 3.307 **2045 LRTP:** p6-2, Table 6-1

Phase	Fund	2022/23	2023/24	2024/25	2025/26	2026/27	Total
CST	ACNP	0	0	0	0	4,504,002	4,504,002
CST	DI	0	0	0	0	32,128,568	32,128,568
ENV	TALT	380,000	0	75,000	0	0	455,000
PE	ACSA	38,392	0	0	0	0	38,392
ROW	ACNP	0	0	318,956	0	0	318,956
ROW	DI	0	0	803,000	0	0	803,000
RRU	D1	0	0	576,000	0	0	576,000
Total		418,392	0	1,772,956	0	36,632,570	38,823,918



Admin Mod #3 01/24/23



Florida Department of Transportation

RON DESANTIS
GOVERNOR

801 N. Broadway Ave, Bartow FL 33830

JARED W. PERDUE, P.E.
SECRETARY

January 12, 2023

Mrs. Anne McLaughlin
Executive Director
Collier MPO
2885 Horseshoe Dr S
Naples, FL 34104

RE: Request for Administrative Modification to Collier County Metropolitan Planning Organization's FY 2022/23 – FY 2026-27 Transportation Improvement Program (TIP).

Dear Mrs. McLaughlin:

The purpose of this letter is to request the Collier County Metropolitan Planning Organization (MPO) administratively modify the following projects in the FY2022/23 – 2026/27 TIP.

441480-1 EDEN PARK ELEMENTARY

Please adjust the funding amounts currently listed in your TIP to align with the below funding amounts. Construction phase funding has been added (\$800,000 SU).

HIGHWAYS								
Item Number: 441480 1		Project Description: EDEN PARK ELEMENTARY						
District: 01	County: COLLIER	Type of Work: SIDEWALK			Project Length: 0.000			
		Fiscal Year						
Phase / Responsible Agency		<2023	2023	2024	2025	2026	>2026	All Years
PRELIMINARY ENGINEERING / MANAGED BY COLLIER COUNTY								
Fund Code:	DS-STATE PRIMARY HIGHWAYS & PTO	54,738						54,738
	SR2T-SAFE ROUTES - TRANSFER	1,289	549					1,838
Phase: PRELIMINARY ENGINEERING Totals		56,027	549					56,576
CONSTRUCTION / MANAGED BY COLLIER COUNTY								
Fund Code:	SR2T-SAFE ROUTES - TRANSFER		608,595					608,595
	SU-STP, URBAN AREAS > 200K		800,000					800,000
Phase: CONSTRUCTION Totals			1,408,595					1,408,595
Item: 441480 1 Totals		56,027	1,409,144					1,465,171

448065-2 COLLIER AREA TRANSIT MAINTENANCE BUILDING

Please adjust the funding amounts currently listed in your TIP to align with the below funding amounts. \$2,500,000 funds have been added.

Item Number: 448065 2		Project Description: COLLIER AREA TRANSIT MAINTENANCE BUILDING					
District: 01	County: COLLIER	Type of Work: TRANSIT IMPROVEMENT				Project Length: 0.000	
		Fiscal Year					
Phase / Responsible Agency	<2023	2023	2024	2025	2026	>2026	All Years
CAPITAL / MANAGED BY COLLIER COUNTY							
Fund Code: FTAT-FHWA TRANSFER TO FTA (NON-BUD)		5,500,000					5,500,000
SU-STP, URBAN AREAS > 200K		5,500,000					5,500,000
Phase: CAPITAL Totals		11,000,000					11,000,000
Item: 448065 2 Totals		11,000,000					11,000,000

417540-6 SR 29 FROM N OF NEW MARKET RD TO SR 82

Please adjust the funding amounts currently listed in your TIP to align with the below funding amounts.

Item Number: 417540 6		Project Description: SR 29 FROM N OF NEW MARKET RD TO SR 82					*SIS*
District: 01	County: COLLIER	Type of Work: ADD LANES & RECONSTRUCT				Project Length: 3.037MI	
		Fiscal Year					
Phase / Responsible Agency	<2023	2023	2024	2025	2026	>2026	All Years
PRELIMINARY ENGINEERING / MANAGED BY FDOT							
Fund Code: ACSA-ADVANCE CONSTRUCTION (SA)	392,522	38,392					430,914
CM-CONGESTION MITIGATION - AQ	522,705						522,705
DDR-DISTRICT DEDICATED REVENUE	7,505						7,505
REPE-REPURPOSED FEDERAL EARMARKS	3,656,698						3,656,698
Phase: PRELIMINARY ENGINEERING Totals	4,579,430	38,392					4,617,822
RIGHT OF WAY / MANAGED BY FDOT							
Fund Code: ACNP-ADVANCE CONSTRUCTION NHPP				318,956			318,956
DI-ST. - S/W INTER/INTRASTATE HWY				803,000			803,000
Phase: RIGHT OF WAY Totals				1,121,956			1,121,956
RAILROAD & UTILITIES / MANAGED BY FDOT							
Fund Code: DI-ST. - S/W INTER/INTRASTATE HWY				576,000			576,000
CONSTRUCTION / MANAGED BY FDOT							
Fund Code: ACNP-ADVANCE CONSTRUCTION NHPP						4,504,002	4,504,002
DI-ST. - S/W INTER/INTRASTATE HWY						32,128,568	32,128,568
Phase: CONSTRUCTION Totals						36,632,570	36,632,570
ENVIRONMENTAL / MANAGED BY FDOT							
Fund Code: TALT-TRANSPORTATION ALTS- ANY AREA		380,000		75,000	225,000		680,000
Item: 417540 6 Totals	4,579,430	418,392		1,772,956	225,000	36,632,570	43,628,348

If you have any questions, please feel free to contact me at (863) 272-2368.

Sincerely,

DocuSigned by:

Victoria Peters

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Community Liaison