



Technical Advisory Committee (TAC) Meeting
Marion County – Library Headquarters, Meeting Room B
2720 E. Silver Springs Blvd., Ocala, FL 34470

April 11, 2023

3:30 PM

AGENDA

1. **CALL TO ORDER AND ROLL CALL**
2. **PROOF OF PUBLICATION**
3. **CONSENT AGENDA**
 - A. **[March 14, 2023 Meeting Minutes](#)**
4. **PRESENTATION ITEMS**
 - A. **[Functional Classification Review Process](#)**
A presentation by FDOT on the upcoming local government review process
 - B. **[Draft 2023 List of Priority Projects \(LOPP\)](#)**
A presentation by staff of the draft project lists
5. **DISCUSSION ITEMS**
 - A. **[Congestion Management Process \(CMP\), State of System Update](#)**
A discussion by staff on a Scope of Services for an update to the CMP
 - B. **[TPO Safety Tools Project](#)**
A discussion by staff on a Scope of Services for a safety dashboard and annual report
6. **COMMENTS BY FDOT**
 - A. **Construction Report**
7. **COMMENTS BY TPO STAFF**
8. **COMMENTS BY TAC MEMBERS**
9. **PUBLIC COMMENT (Limited to 2 minutes)**
10. **ADJOURNMENT**

All meetings are open to the public, the TPO does not discriminate on the basis of race, color, national origin, sex, age, religion, disability and family status. Anyone requiring special assistance under the Americans with Disabilities Act (ADA), or requiring language assistance (free of charge) should contact Liz Mitchell, Title VI/Nondiscrimination Coordinator at (352) 438-2634 or liz.mitchell@marioncountyfl.org forty-eight (48) hours in advance, so proper accommodations can be made.

Pursuant to Chapter 286.0105, Florida Statutes, please be advised that if any person wishes to appeal any decision made by the Board with respect to any matter considered at the above meeting, they will need a record of the proceedings, and that, for such purpose, they may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based.

The next regular meeting of the Joint Citizens Advisory Committee and Technical Advisory Committee will be held on May 9, 2023



Technical Advisory Committee (TAC) Meeting
Marion County – Library Headquarters, Meeting Room B
2720 E. Silver Springs Blvd., Ocala, FL 34470
3:30 PM

MINUTES

Members Present:

Ji Li
Bob Titterington
Kenneth Odom
Mickey Thomason
Noel Cooper
Loretta Shaffer (*Jessica Heller attended as alternate*)
Eric Smith
Rakinya Hinson

Members Not Present:

Dave Herlihy
Elton Holland

Others Present:

Rob Balmes
Shakayla Irby

Item 1. Call to Order and Roll Call

Chairman Kenneth Odom called the meeting to order at 3:32pm and Secretary Shakayla Irby called the roll. There was a quorum present.

Item 2. Proof of Publication

Secretary Shakayla Irby stated the meeting had been published online to the TPO's website, as well as the City of Ocala, Belleview, Marion County, and Dunnellon's websites on March 7, 2023. The meeting had also been published to the TPOs Facebook and Twitter pages.

Item 3. Consent Agenda

Mr. Thomason made a motion to approve the Consent Agenda. Mr. Cooper seconded, and the motion passed unanimously.

Item 4a. Fiscal Years (FY) 2023 to 2027 Transportation Improvement Program (TIP) Amendment #5

Mr. Balmes presented to the committee and said that per the request of the Florida Department of Transportation (FDOT), two projects were proposed to be amended in the Fiscal Years (FY) 2023 to 2027 Transportation Improvement Program (TIP).

The projects (FM#443623-1, #443624-1) had received federal highway planning grant funding to support activities of the I-75 Master Plan. The types of work the funding would support included community engagement, alternative concept identification and traffic analysis and modeling.

The projects would also assist future project phases as the Master Plan identified specific projects and segments moving forward into the Project Development and Environment (PD&E) phase.

FM# 443623-1: I-75 (SR 93) from Turnpike (SR 91) to SR 200

- Length: 22.50 miles
- Funding: \$2,500,000 (Federal)
- FY 2023, PLN Phase
- Total TIP Funding: \$2,500,000

FM# 443624-1: I-75 (SR 93) from SR 200 to CR 234

- Length: 25.28 miles
- Funding: \$1,783,543 (Federal)
- FY 2023, PLN Phase
- Total TIP Funding: \$1,783,543

Chairman Odom asked when the public involvement meetings would be taking place.

Ms. Rakinya Hinson with FDOT said there were no updates on a meeting schedule at the time but would keep the committee informed as information became available.

Mr. Cooper made a motion to approve the FY 2023 to 2027 TIP Amendment #5.

Mr. Thomason seconded, and the motion passed unanimously.

Item 4b. Performance Management 2023 Pavement and Bridge (PM2). System Performance (PM3) Targets

Mr. Balmes presented and said that Federal law required State DOTs and TPOs/MPOs to conduct performance-based planning by setting data-driven targets linked to specific measures.

In 2017, the Federal Highway Administration (FHWA) published the Pavement and Bridge Condition Performance Measures (PM2) and the System Performance Measures (PM3) Final Rules. The rules established performance measures to assess conditions and reliability for the National Highway System (NHS).

On December 16, 2022, the Florida Department of Transportation (FDOT) established new statewide two and four-year targets for Pavement and Bridge condition and System Performance. As a result, all MPO/TPO’s in Florida were required to set targets, with the option to support the FDOT statewide targets or establish specific targets for their planning areas.

Targets had to be adopted by the TPO Board no later than June 14, 2023. The TPO was required to include the respective targets and annual results in the Transportation Improvement Program (TIP) and Long-Range Transportation Plan (LRTP).

Mr. Balmes explained the Pavement and Bridge (PM2).

The PM2 measures represented the percentage of lane-miles on the Interstate and non-Interstate NHS pavement and bridges (by deck area) that were in good or poor condition.

FHWA set a threshold for each metric to establish good, fair, or poor condition. Pavement sections that were not good or poor would be classified as fair. Bridges are classified as either good or poor.

The following charts were provided to display the new Pavement and Bridge performance measures and respective targets set by FDOT on December 16, 2022.

PM2: State Pavement and Bridge Performance Measures and Targets

Pavement Condition	2023 Target	2025 Target
Percent of Interstate pavements in Good condition	60.0%	60.0%
Percent of Interstate pavements in Poor condition	5.0%	5.0%
Percent of Non-interstate NHS pavements in Good condition	40.0%	40.0%
Percent of Non-interstate NHS pavements in Poor condition	5.0%	5.0%

Bridge Condition	2023 Target	2025 Target
Percent of National Highway System (NHS) bridges classified as in Good condition by deck area	50.0%	50.0%
Percent of National Highway System (NHS) bridges classified as in Poor condition by deck area	10.0%	10.0%

Mr. Balmes explained the System Performance (PM3).

The PM3 measures represented the percentage of miles traveled on the Interstate and non-Interstate NHS that are reliable for all vehicles, and a specific measure for truck reliability. Travel time reliability compared to the worst travel times on a road against the travel time that was typically experienced.

In general, road miles with a ratio of less than 1.5 were considered reliable.

The following charts were provided to the new System Performance measures and respective targets set by FDOT on December 16, 2022.

PM3: System Performance Measures and Targets

System Performance	2023 Target	2025 Target
Percent of Person-Miles Traveled on the Interstate that are Reliable	75.0%	70.0%
Percent of Person-Miles Traveled on the Non-Interstate National Highway System (NHS) that are Reliable	50.0%	50.0%
Truck Travel Time Reliability (TTTR) Index	1.75	2.0

Two options were available:

- A. Support the FDOT statewide two and four-year targets for Pavement and Bridge and System Performance
- B. Establish two and four-year targets specific to the TPO Planning area for Pavement and Bridge and System Performance

Mr. Balmes mentioned that the last cycle when targets were required to be set by FDOT in 2018, all MPO/TPOs in Florida agreed to support the statewide targets.

The PM2: State Pavement and Bridge Performance Measures, Targets and TPO Results were provided.

PM2: State Pavement and Bridge Performance Measures, Targets and TPO Results

Pavement Condition	2023 Target	2025 Target	TPO Target Results (2021)
Percent of Interstate pavements in Good condition	60.0%	60.0%	64.0%
Percent of Interstate pavements in Poor condition	5.0%	5.0%	0.0%
Percent of Non-interstate NHS pavements in Good condition	40.0%	40.0%	51.5%
Percent of Non-interstate NHS pavements in Poor condition	5.0%	5.0%	0.3%

Bridge Condition	2023 Target	2025 Target	TPO Target Results (2021)
Percent of National Highway System (NHS) bridges classified as in Good condition by deck area	50.0%	50.0%	59.2%
Percent of National Highway System (NHS) bridges classified as in Poor condition by deck area	10.0%	10.0%	0.0%

PM3: System Performance Measures, Targets and TPO Results

System Performance	2023 Target	2025 Target	TPO Target Results (2021)
Percent of Person-Miles Traveled on the Interstate that are Reliable	75.0%	70.0%	100%
Percent of Person-Miles Traveled on the Non-Interstate National Highway System (NHS) that are Reliable	50.0%	50.0%	95.9%
Truck Travel Time Reliability (TTTR) Index	1.75	2.0	1.74

Ms. Rakinya Hinson with FDOT made a comment regarding the 100% reliability of the Interstate and said she would add the term “reliably congested”. The targets were telling that even though congestion was not desirable as travelers there was however a reliability that the Interstate would be congested. Also, travel times may vary depending on the amount of congestion on different days of the week.

Mr. Thomason made a motion to accept Option A: Support the FDOT statewide two and four-year targets for Pavement and Bridge and System Performance. Mr. Cooper seconded, and the motion passed unanimously.

Item 5a. Santos to Baseline Trail Project

Mr. Thomason said the Santos to Baseline Trail project (Paved Trail Connector between Santos Trailhead and the west side of 441) had been a high priority of the TPO for many years.

In preparation for the upcoming List of Priority Projects (LOPP) process, Mr. Thomason wanted the project to be discussed at the meeting.

Mr. Thomason talked about some of the challenges that had been faced with the project and said that the project could be resubmitted for SunTrail or a new separate application would have to be submitted if the original plans for the project were revisited.

The committee engaged in discussion.

Chairman Odom made a comment that he would stay with a safe route and close the gap at another time because he did not anticipate the tracks being there forever.

After discussions, the committee was in support of the current delineation of the trails.

Item 5b. FDOT Strategic Intermodal System (SIS) Letter

Mr. Balmes said that every five years, the Florida Department of Transportation (FDOT) District 5 coordinated with Central Office to complete a series of Strategic Intermodal System (SIS) planning documents which included three tiers or lists of future capacity improvement projects. The SIS lists contained projects programmed (FY 2024-2028), planned to be funded (FY 2029-2033), and considered financially feasible based on projected State revenues (FY 2033-2050).

On January 27, the FDOT District 5 submitted a set of draft SIS project lists to the TPO and requested comments as soon as possible. A follow-up virtual overview meeting was requested with the TPO Director and TPO Chair on February 8. FDOT District 5 staff explained they required to submit comments to Central Office no later than February 28.

Based on the limited timeframe for reviewing and submitting comments to District 5, TPO Chairman Curry requested a meeting with staff representatives of the Cities of Belleview, Dunnellon, Ocala and Marion County to coordinate and submit one set of comments. A coordination meeting was held on February 15, 2023 at the Marion County Office of County Engineer and included: Rob Balmes, TPO; Elton Holland, Marion County; Sean Lanier, City of Ocala; Bob Titterington, City of Belleview; Troy Slattery, City of Dunnellon; Chad Ward, City of Dunnellon.

The letter that was sent on behalf of the TPO from Chairman Curry to FDOT District 5 Secretary John Tyler was provided in the agenda packet. The content of the letter was developed at the February 15 local coordination meeting, and outlined specific comments from the TPO and local government partners regarding the SIS projects lists. The TPO Board ratified the letter at the TPO Board meeting on February 28, 2023.

An overview presentation of SIS projects in Marion County shared by FDOT staff at the February 8 virtual meeting was provided in the agenda packet for the committee to view.

Chairman Odom inquired about East SR 40.

Mr. Balmes said the project was currently in the 2030.

Chairman Odom and gave a comment that the project had been 25 years in the making and should not have been pushed out.

5c. 2023 MPOAC Freight Priorities Program (FPP)

Mr. Balmes said the Florida Metropolitan Planning Organization Advisory Council (MPOAC) Freight and Rail Committee worked annually with the TPO/MPO's to develop a freight priority project list. In the past, the process has focused exclusively on submission of projects by TPO/MPO's for projects located on the National Highway Freight Network (NHFN). For Marion County, that included: I-75 (and interchanges); US 27 from I-75 to US 301; and US 301 from SR 200 to Alachua County.

In 2022, the MPOAC Freight and Rail Committee expanded the process to include projects that support freight mobility on the State Highway System (On-System) and Off-System (Local). An emphasis was also placed on truck parking projects. Overall, projects had to already be programmed or underway through at least PD&E and ready to receive federal National Highway Freight Program funding for construction.

Provided to the committee in the agenda packet was the FDOT two-page Call for Projects to further explain the program. The call for projects expansion had taken place with an assumption the freight network in Florida would be extended in the future to potentially include other corridors on the state and local networks.

Discussions were taking place at the national state levels tied to the Bipartisan Infrastructure Law (BIL), calling for a modest increase to the NHFN.

However, as the National Highway Freight Program stands today, funding to projects by FDOT had been invested only on the NHFN. Also provided to the commit was a screenshot of the projects funded in 2022 and 2021.

Item 6. Comments by FDOT

Ms. Rakinya Hinson provided a construction report was also provided in the committee meeting agenda packet and reminded the committee that they could view updates on projects by visiting www.cflroads.com.

Item 7. Comments by TPO Staff

Mr. Balmes talked about the TPO 101 Board Workshop to be held on March 28 at 1:30pm at the Marion County Board of County Commission Auditorium. The TPO Board Chair, Commissioner Craig Curry, led the organization of a TPO 101 Workshop to focus on the form and function of Metropolitan Planning Organizations, including core work products and responsibilities.

The invitation to attend the workshop was extended to the committee.

Item 8. Comments by TAC Members

Mr. Titterington inquired about adding 102nd to the US 441/301 Resurfacing and companion sidewalk and shared trail project plan.

The committee had discussion about the plans for the project.

Ms. Hinson said that she would find out more information on the project and get back to the committee.

Item 9. Public Comment

Mr. Steven Neal, with the City of Ocala wanted to know how to access crash information in Marion County.

Mr. Balmes asked for a submitted request of the locations needed for the crash information and said that he would work with Mr. Ji Li on the gathering the information needed.

Also, Mr. Neal mentioned that he heard of possible trucks being parked on SR 200 by 484 and wanted to know if a small portion of parking could be used for micro transit buses and a charging station.

Ms. Hinson said she was not aware of a truck parking area in the location.

Chairman Odom said that the County had parking and stations that could possibly be utilized and told Mr. Neal he could inquire with County.

TAC Meeting Minutes – March 14, 2023
Approved –

Item 10. Adjournment

Chairman Kenneth Odom adjourned the meeting at 4:30pm.

Respectfully Submitted By:

Shakayla Irby, TPO Administrative Assistant



TO: TAC Members

FROM: Rob Balmes, Director

**RE: Functional Classification Review Process, Florida
Department of Transportation (FDOT)**

Summary

Every 10 years, after the U.S. Census is completed, updated population numbers determine changes in Urban Boundaries, which are preliminarily adjusted by the Census Bureau. The Federal Highway Administration (FHWA) and Florida Department of Transportation (FDOT) can determine if further refinements should be made for reasons such as consistency with the approach to transportation planning. The Functional Classification of public roadways is updated during the same timeframe as Urban Boundary updates for efficiency. During the August 9, 2022 TAC/CAC meetings, the FDOT District Five presented an overview presentation regarding Functional Classification and Urban Boundary updates. District Five recently developed a web-based application to receive input regarding proposed Functional Classifications and is ready to coordinate the Functional Classification Review Process with the TPO and local agencies.


District Five will summarize the Functional Classification process to date and discuss the schedule to complete the Review Process by early Summer. The TPO Board will ultimately need to approve the updated Functional Classification map, so it will be critical that local agencies are fully engaged in this review. The Urban Boundary Review Process will take place after approval of the Functional Classification map and is expected to begin in late Summer.

Attachment(s)

- Presentation

If you have any questions regarding the Functional Classification review process or information, please contact me at 438-2631.

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The background of the slide is a grayscale aerial photograph. The top portion shows a city skyline with various buildings, including a prominent tower with a circular top and a Ferris wheel in the distance. The bottom portion shows a multi-lane highway with several vehicles, including a truck and cars, traveling along it. A row of palm trees runs parallel to the highway. A white rectangular box is overlaid on the left side of the image, containing the title and date.

District Five Functional Classification Update Process Ocala Marion TPO

April 11, 2023

- D5 Functional Classification Overview
 - Process to Date
 - Upcoming Schedule
- D5 Functional Classification Online Application
- Next Steps
- Questions



- **Overview Presentation to D5 MPO/TPO Committees**
Aug to Sep 2022
- **Lake~Sumter MPO**
Technical & Community Advisory Committees
- **MetroPlan Orlando**
Technical, Citizens, and Municipal Advisory Committees
- **Ocala Marion TPO**
Technical and Citizens Advisory Committees
- **River to Sea TPO**
Technical Coordinating & Citizens Advisory Committees
- **Space Coast TPO**
Technical and Citizens Advisory Committees

- **Conducted D5 Functional Classification Internal Review**
Aug to Dec 2022
 - D5 conducted comprehensive review and update to:
 - Address changes in the roadway system
 - Reevaluate roadway function districtwide
 - The result is the PROPOSED Functional Classification data layer
- **Completed Draft Functional Classification Online Application**
Jan 2023
- **MPO Staff Reviewed Online Application**
Feb 2023
- **Finalized Online Application**
March 2023



- **Functional Classification Review Process**
 - Begin Ocala Marion TPO/Local Agency Review Process – April 11
 - TPO and Local Agencies conduct review and provide comments; FDOT is available to provide technical assistance – Through May 26
 - FDOT will present Final Marion County Functional Classification Map to Ocala Marion TPO Committees (June 13) and Board (June 27) for Approval





FDOT Decennial Functional Classification Review

Florida Department of Transportation / District Five

<http://bit.ly/d5funclass>



- **Begin Functional Classification Review Process**

Local Agencies...

- Identify lead for Functional Classification Review
- Contact D5 if questions or to schedule specific discussion
- Provide comments through online application
- Complete all review and comments by May 26



An aerial photograph of a cityscape. In the foreground, a multi-lane highway runs diagonally from the bottom right towards the center. To the left of the highway is a large body of water, possibly a lake or reservoir, with a curved shoreline and several palm trees planted along the edge. In the background, a dense urban area is visible, featuring various buildings, a prominent tower with a circular top, and a Ferris wheel on the left side. The sky is overcast with grey clouds. A dark blue vertical bar is on the left side of the image, and a white rectangular box is overlaid in the center, containing the word 'Questions' in blue text.

Questions



TO: Committee Members

FROM: Rob Balmes, Director

RE: Draft 2023 List of Priority Projects (LOPP)

On an annual basis, per State Statute, the TPO works in collaboration with the cities of Belleview, Dunnellon, Ocala, Marion County and the Florida Department of Transportation (FDOT) to develop and submit a **2023 List of Priority Projects (LOPP)**. This process is undertaken to identify the highest priority projects to receive consideration for federal and state funding through the FDOT Work Program over the next five years.

The LOPP process serves as the key connection between projects identified in the 2045 Long Range Transportation Plan (LRTP) and the Transportation Improvement Program (TIP). Therefore, in order for a project to receive federal and state funding, it must be in the LRTP Cost Feasible or Needs Plan and Boxed Funds Lists.

The initial **draft 2023 LOPP** project lists are included with this memo. The lists reflect the format and revised procedures adopted by the TPO Board in 2022. Based upon submissions by local partners along with follow up discussions, the following provides a breakdown of the individual lists and total number of projects.

- Top 20 Priorities – 20 of 81 total projects
- Strategic Intermodal System (SIS) – 15 projects
- Non-SIS Capacity – 39 projects
- Safety and Operations – 12 projects
- Trails – 10 projects
- Bicycle/Pedestrian – 6 projects
- Planning Studies – 15 projects

A revised draft LOPP will be presented for final approval at the May 9 joint CAC and TAC meeting. Please plan to attend the April and May meetings to discuss the proposed lists and provide insights, concerns or requests for modifications.

Attachment(s)

- Draft 2023 List of Priority Projects (LOPP) and Rankings

If you have any questions regarding the draft LOPP process or lists, please contact me at 438-2631.

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2023 List of Priority Projects (LOPP)

DRAFT

Fiscal Years 2025 to 2029

Pending TPO Board Adoption on May 23, 2023

Project Lists

Top 20 Priorities

Strategic Intermodal System (SIS)

Non-Strategic Intermodal System (SIS) Capacity

Commitment to Zero Safety and Operations

Trails

Bicycle and Pedestrian

Planning

Project Phases

CST	Construction
DES	Design
PE	Preliminary Engineering
PD&E	Project Development and Environment
ROW	Right-of-Way

Craig Curry, TPO Chair

Rob Balmes, Director

www.ocalamariontpo.org/priority-project-list

2023 Top 20 Priorities

2023 Rank	2022 Rank	FDOT Project Number	Project List	Project Name/Limits	Description	Current TIP/Tentative Work Program Phase(s)	Current TIP/Tentative Work Program Funding	Proposed Phase(s)	Funding Requested
1	1	435209-1	Top Priorities	I-75 at NW 49th Street Interchange	Construction of a new interchange and roadway extension from on NW 49th Avenue from NW 44th Avenue to NW 35th Street Road	CST	\$33,565,826		
2	2	433652-1	Top Priorities	I-75 Interchange/SR 40 Intersections at SW 40th Avenue and SW 27th Avenue	Traffic operations, turn lanes at I-75 interchange and SW 40th and SW 27th intersections	ROW	\$617,748	CST	\$5,500,000
3	3	435547-3	Top Priorities	NW 44th Avenue, SR 40 to NW 11th St	Construction of four new roadway lanes	CST	\$8,000,000		
4	4		Top Priorities	NW 80th/70th from north of SR 200 to north of US 27	Widening to four lanes			CST	\$26,000,000
5	5		Top Priorities	SW 44th Avenue from SR 200 to SW 20th	Four-Lane roadway construction			CST	\$4,000,000
6	6		Top Priorities	SW 44th Avenue from SW 20th to SR 40	Addition of two lanes to complete four lane roadway			CST	\$2,550,000
7	7	450918-1	Top Priorities	CR 484 Penn Avenue Multimodal	Roadway reconstruction, shared use path connection from downtown Dunnellon to Blue Run Park	PE, CST	\$2,537,000		
8	14	238648-1	Top Priorities	US 41 from SW 110th to north of SR 40	Widening to four lanes, sidewalks, shared-use path, shoulders	CST	\$62,027,312		
9	8		Top Priorities	US 27/I-75 Interchange Operations, NW 44th to NW 35th	Safety and operational improvements at interchange area and intersections			PE, CST	\$29,341,000
10	9	450340-1	Top Priorities	Emerald Road Extension	92nd Loop to FN Railroad Connection	ROW, CST	\$9,650,000		
11	10	237988-1	Top Priorities	SR 40 at SR 35 intersection	Construction of a roundabout at the intersection			PE, ROW, CST	\$18,600,000
12	11		Top Priorities	SW 49th from Marion Oaks Trail to SW 95th	Construction of a four lane divided roadway			CST	\$10,200,000
13	12	238651-1	Top Priorities	SR 200 from Citrus County to CR 484	Widening to four lanes and pedestrian/wildlife underpass connecting Cross Florida Greenway			CST	\$37,800,000
14	13	433660-1	Top Priorities	US 441 (Pine Avenue) at SR 464 (SE 17th)	Intersection/Turn lane improvements	PE, CST	\$3,388,554		
15	15	410674-2	Top Priorities	SR 40 from End of four lanes to CR 314	Reconstruction, widening to four lanes, new bridges, medians			CST	\$103,000,000
16	16		Top Priorities	CR 484 from SW 49th Ave to CR 475A	Widening to six lanes, bridge replacement at I-75			PD&E, DES, ROW, CST	\$55,000,000
17	17	449443-1	Top Priorities	NE 8th Avenue from SR 40 to SR 492	Construction of roundabouts on NE 8th Avenue	CST	\$4,452,800		
18	18		Top Priorities	CR 484 from Marion Oaks Pass to SR 200	Widening to six lanes			CST	\$13,500,000
19	20		Top Priorities	SW 80th Ave. from north of 38th St. to SR 40	Widening of roadway to four lanes			PE, DES, ROW, CST	\$25,000,000
20	21		Top Priorities	SR 35 and SR 464 Intersection Flyover	Flyover of SR 35 at SR 464			PE, DES, ROW, CST	\$39,600,000

2023 Strategic Intermodal System (SIS) Priorities

2023 Rank	2022 Rank	FDOT Project Number	Project List	Project Name/Limits	Description	Current TIP/Tentative Work Program Phase(s)	Current TIP/Tentative Work Program Funding	Proposed Phase(s)	Funding Requested
1	1	435209-1	SIS	I-75 at NW 49th Street Interchange	Construction of a new interchange and roadway extension from on NW 49th Avenue from NW 44th Avenue to NW 35th Street Road	CST	\$33,565,826		
2	2	433652-1	SIS	I-75 Interchange/SR 40 Intersections at SW 40th Avenue and SW 27th Avenue	Traffic operations, turn lanes at I-75 interchange and SW 40th and SW 27th intersections	ROW	\$617,748	CST	\$5,500,000
3	3		SIS	US 27/I-75 Interchange Operations, NW 44th to NW 35th	Safety and operational improvements at interchange area and intersections			PE, CST	\$29,341,000
4	6	410674-2	SIS	SR 40 from End of four lanes to CR 314	Reconstruction, widening to four lanes, new bridges, medians, multi-use trail			CST	\$103,000,000
5	5		SIS	I-75 at SR 326 Interchange	Interchange capacity and operational improvements			PE, DES, ROW, CST	TBD
6	7	443623-1	SIS	I-75 from SR 91 (Turnpike) to SR 200	Master Planning for I-75 and Interchanges	PD&E	\$2,500,000		
7	8	443624-1	SIS	I-75 from SR 200 to CR 234, Alachua County	Master Planning for I-75 and Interchanges	PD&E	\$1,783,543		
8	11	410674-3	SIS	SR 40 from CR 314 to CR 314A	Reconstruction and widening to four lanes, medians, shared-use path, sidewalks	ROW	\$25,293,495	DES, CST	\$70,800,000
9	10	410674-4	SIS	SR 40 from CR 314A to Levy Hammock	Reconstruction and widening to four lanes, medians, shared-use path, sidewalks	PE	\$125,000	DES, ROW, CST	\$15,200,000
10	NR		SIS	I-75 at CR 484 Interchange	Interchange, capacity improvements to six lanes on CR 484 from SW 49th Ave to CR 475A			PD&E, DES, ROW, CST	TBD
11	NR		SIS	I-75 at SR 200 Interchange	Interchange and capacity improvements			PD&E, DES, ROW, CST	TBD
12	9		SIS	I-75 at SW 20th Street	Construction of a new interchange at SW 20th Street			PD&E, DES, ROW, CST	TBD
13	NR		SIS	I-75 at CR 318 Interchange	Interchange, capacity improvements at CR 318 from NW Highway 225 to NW 60th Avenue			PD&E, DES, ROW, CST	TBD
14	12		SIS	SR 326 from US 301 to old US 301	Widening of roadway to four lanes			PD&E, DES, ROW, CST	TBD
15	13		SIS	SR 326 from CR 200A to NE 36th	Widening of roadway to four lanes			PD&E, DES, ROW, CST	TBD

2023 Non-SIS Capacity Priorities

2023 Rank	2022 Rank	FDOT Project Number	Project List	Project Name/Limits	Description	Current TIP/Tentative Work Program Phase(s)	Current TIP/Tentative Work Program Funding	Proposed Phase(s)	Funding Requested
1	1	435547-3	Non-SIS Capacity	NW 44th Avenue from SR 40 to NW 11th St	Construction of four new roadway lanes	CST	\$8,000,000		
2	2		Non-SIS Capacity	NW 80th/70th from north of SR 200 to north of US 27	Widening to four lanes			CST	\$26,000,000
3	3		Non-SIS Capacity	SW 44th Avenue from SR 200 to SW 20th	Four-Lane roadway construction			CST	\$4,000,000
4	4		Non-SIS Capacity	SW 44th Avenue from SW 20th to SR 40	Addition of two lanes to complete four lane roadway			CST	\$2,550,000
5	8	238648-1	Non-SIS Capacity	US 41 from SW 110th to north of SR 40	Widening to four lanes, sidewalks/path, shoulders	CST	\$62,027,312		
6	5	450340-1	Non-SIS Capacity	Emerald Road Extension	92nd Loop to FN Railroad Connection	ROW, CST	\$9,650,000		
7	6		Non-SIS Capacity	SW 49th from Marion Oaks Trail to SW 95th	Construction of a four lane divided roadway			CST	\$10,200,000
8	7	238651-1	Non-SIS Capacity	SR 200 from Citrus County to CR 484	Widening to four lanes and pedestrian/wildlife underpass connecting greenway			CST	\$37,800,000
9	9		Non-SIS Capacity	CR 484 from SW 49th Ave to CR 475A	Widening to six lanes, bridge replacement at I-75			PD&E, DES, ROW, CST	\$55,000,000
10	10		Non-SIS Capacity	CR 484 from Marion Oaks Pass to SR 200	Widening to six lanes			DES, ROW, CST	\$13,500,000
11	NR		Non-SIS Capacity	SW 80th Avenue from north of of 38th Street to SR 40	Widening of roadway to four lanes			PE, DES, ROW, CST	\$25,000,000
12	NR		Non-SIS Capacity	SR 35 and SR 464 Intersection Flyover	Flyover of SR 35 at SR 464			PE, DES, ROW, CST	\$39,600,000
13	23		Non-SIS Capacity	NW 49th St from CR 225A to NW 44th Ave	New two-lane roadway			CST	\$23,000,000
14	13	238720-1	Non-SIS Capacity	SR 40 from US 41 to CR 328	Reconstruction, widening to four lanes			ROW, CST	\$96,200,000
15	34		Non-SIS Capacity	NW 44th Avenue from NW 63rd to SR 326	Widening to four lanes			CST	\$3,500,000
16	14		Non-SIS Capacity	NW/NE 35th Street from W. Anthony to 200A	Widening of the roadway to four lanes			CST	\$9,368,352
17	15		Non-SIS Capacity	SR 40 from SW 60th to I-75 Widening	Widening of the roadway to six lanes			PD&E, DES, CST	\$25,800,000
18	16		Non-SIS Capacity	US 441 from Sumter County to CR 42	Widening of the roadway to six lanes			PD&E, DES, CST	TBD
19	17		Non-SIS Capacity	SW 80th Avenue from SW 90th to SW 80th	Widening of the roadway to four lanes			CST	\$6,150,000
20	18		Non-SIS Capacity	NE 35th Street from CR 200A to NE 25th	Widening of the roadway to four lanes			ROW, CST	\$13,394,683
21	19		Non-SIS Capacity	US 27 from I-75 to NW 27th	Widening to six lanes			PD&E, DES, ROW, CST	\$48,731,000

2023 Non-SIS Capacity Priorities

2023 Rank	2022 Rank	FDOT Project Number	Project List	Project Name/Limits	Description	Current TIP/Tentative Work Program Phase(s)	Current TIP/Tentative Work Program Funding	Proposed Phase(s)	Funding Requested
22	21		Non-SIS Capacity	SW 49th from Marion Oaks Manor to south of CR 484	Construct four-laned divided roadway			CST	\$4,500,000
23	22		Non-SIS Capacity	US 441, CR 42 to SE 132nd Street	Widening to six lanes			ROW, CST	\$118,000,000
24	23		Non-SIS Capacity	NW 49th/35th Street from 1.1 mile west of NW 44th to NW 44th	New two-lane roadway			CST	\$2,650,000
25	24		Non-SIS Capacity	SW 38th Street from SW 80th to SW 43rd Ct.	Widening to four lanes			CST	\$9,750,000
26	26		Non-SIS Capacity	SW 49th/40th from SW 66th to SW 42nd	Four-lane divided roadway with flyover			CST	\$11,584,919
27	27		Non-SIS Capacity	SW 20th Street from I-75 to SR 200	Widening of roadway to four lanes			DES, ROW, CST	TBD
28	28	411256-4	Non-SIS Capacity	US 301 from north of CR 42 to SE 14nd Place	Widening to four lanes			PD&E, DES, ROW, CST	\$13,100,000
29	29		Non-SIS Capacity	Dunnellon Bypass from CR 40 to US 41	New two-lane roadway connection			PD&E, DES, ROW, CST	TBD
30	30		Non-SIS Capacity	SW 90th Street from SW 60th to E/O SW 60th	Installation of new 2-lane roadway			CST	\$2,870,000
31	31	431798-2	Non-SIS Capacity	NW 36th Avenue from SR 492 to NE 20th Place	Widening of roadway to four lanes in two segments, sidewalk and bike lanes			ROW, CST	\$6,800,000
32	31	431798-4	Non-SIS Capacity	NW 36th Ave from NE 25th St to NE 35th St	Widening of roadway to four lanes in two segments, sidewalk and bike lanes			ROW, CST	\$7,200,000
33	32	431797-3	Non-SIS Capacity	NE 25th Avenue from NE 24th St to NE 35th	Widening of roadway to four lanes, sidewalks and bike lanes			ROW, CST	\$8,300,000
34	33		Non-SIS Capacity	NW 37th Avenue from SR 40 to US 27	New two-lane roadway			PE, DES, CST	TBD
35	34		Non-SIS Capacity	NW 35th Ave Road from NW 35th to SR 326	Roadway extension			PD&E, DES, ROW, CST	TBD
36	35		Non-SIS Capacity	NW 44th Avenue from NW 63rd to SR 326	Widening of roadway to four lanes			CST	\$3,500,000
37	36		Non-SIS Capacity	US 41 from SR 40 to Levy County Line	Widening of roadway to four lanes			PD&E, DES, ROW, CST	\$87,900,000
38	37		Non-SIS Capacity	Marion Oaks Extension and Flyover	SW 18th to CR 475/I-75, Flyover interstate			PD&E, DES, ROW, CST	\$82,620,000
39	38		Non-SIS Capacity	SR 35 (US 301) from CR 25 to SE 92nd	Widening of roadway to four lanes			PD&E, DES, CST	\$38,185,000

2023 Commitment to Zero Safety and Operations Priorities

2023 Rank	2022 Rank	FDOT Project Number	Project List	Project Name/Limits	Description	Current TIP/Tentative Work Program Phase(s)	Current TIP/Tentative Work Program Funding	Proposed Phase(s)	Funding Requested
1	1	433652-1	Safety and Operations	I-75 Interchange/SR 40 Intersections at SW 40th Avenue and SW 27th Avenue	Traffic operations, turn lanes at I-75 interchange and SW 40th and SW 27th intersections	ROW	\$617,748	CST	\$5,100,000
2	3	237988-1	Safety and Operations	SR 40 at SR 35 intersection	Construction of a roundabout at the intersection			PE, ROW, CST	\$18,600,000
3	4	433660-1	Safety and Operations	US 441 (Pine Avenue) at SR 464 (SE 17th)	Intersection/Turn lane improvements	PE, CST	\$3,388,554		
4	5	449443-1	Safety and Operations	NE 8th Avenue from SR 40 to SR 492	Construction of roundabouts on NE 8th Avenue	CST	\$4,452,800		
5	7	431935-1	Safety and Operations	SR 40 from US 441 to NE 8th Avenue	Resurfacing and operational improvements			CST	\$2,400,000
6	NR	451060-1	Safety and Operations	CR 42 at CR 25 Intersection Improvements	Intersection and operational improvements	PE, CST	\$583,730		
7	NR	451251-1	Safety and Operations	SR 40 Intersection at SW 27th Avenue	Intersection and operational improvements	PE, CST	\$1,595,576		
8	NR	451253-1	Safety and Operations	SR 200 at SW 60th Avenue	Intersection and operational improvements	PE, CST	\$723,118		
9	8		Safety and Operations	US 301 South from SE 143rd Pl. to US 441	ITS Boxed Fund Communications			CST	TBD
10	10		Safety and Operations	SR 35 intersections at CR 25A, Foss Road, Robinson Road	Intersection operational and safety improvements			Design, ROW, CST	TBD
11	11		Safety and Operations	SW 40th/SW 38th Realignment at SR 40	Intersection operational and safety improvements			ROW, CST	TBD
12	9		Safety and Operations	West Pennsylvania Avenue at US 41 redesign and intersection improvements				Planning, DES, CST	TBD

2023 Trail Priorities

2023 Rank	2022 Rank	FDOT Project Number	Project List	Project Name/Limits	Description	Current TIP/Tentative Work Program Phase(s)	Current TIP/Tentative Work Program Funding	Proposed Phase(s)	Funding Requested
1	1	439238-2	Trails	Belleview to Greenway Trail	Shared Use Path on SE 102nd Place from SE 52nd Court to intersection at US 441; Trail connection from US 441 Shared Use path to Santos Trailhead	CST	\$3,972,004	DES, CST	TBD
2	2		Trails	Indian Lake Trail	New trail to provide direct access to Indian Lake State Park			CST	\$2,850,000
3	3		Trails	Watula and NE 8th Road Trail	New trail from Tusawilla Park to CR 200A			CST	TBD
4	4	435484-2	Trails	Pruitt Trail from SR 200 to Pruitt Trailhead	Construction of 12-foot trail south of CR 484	CST	\$2,158,000		
5	5		Trails	Pruitt Trail from Pruitt Trailhead to Bridges Road Trailhead	Construction of trail gap connection			CST	TBD
6	6		Trails	Santos to Baseline Trail	New trail connection			DES, CST	TBD
7	7	436756-1	Trails	Downtown Ocala to Silver Springs Trail	Shared use trail with on-road and separated trail from downtown Ocala to Silver Springs State Park	PE	\$253,001	CST	\$1,000,000
8	8		Trails	Black Bear Trail from Levy Hammock to US 17 along SR 40	27-mile trail segment along the SR 40 corridor			PD&E, DES, CST	TBD
9	9		Trails	Nature Coast Trail	Construction of Trail from Dunnellon to Levy County			PD&E, DES, CST	TBD
10	10		Trails	Silver Springs to Hawthorne Trail	Construction of a trail connection			PD&E, DES, CST	TBD

2023 Bicycle and Pedestrian Priorities

2023 Rank	2022 Rank	FDOT Project Number	Project List	Project Name/Limits	Description	Current TIP/Tentative Work Program Phase(s)	Current TIP/Tentative Work Program Funding	Proposed Phase(s)	Funding Requested
1	1	450918-1	Bicycle and Pedestrian	CR 484 Penn Avenue Multimodal	Roadway reconstruction, shared use path connection from downtown Dunnellon to Blue Run Park	PE, CST	\$2,537,000		
2	3	439238-2	Bicycle and Pedestrian	Belleview to Greenway Trail	Shared Use Path on SE 102nd Place from SE 52nd Court to intersection at US 441; Trail connection from US 441 Shared Use path to Santos Trailhead	PE, CST	\$3,972,004	DES, CST	
3	4		Bicycle and Pedestrian	US 301 from north of 62nd Ave to SE 115th Lane	Installation of sidewalk along US 301			CST	TBD
4	5		Bicycle and Pedestrian	SR 35 from SE 118th Place to SE Campbell	Construction of new sidewalk to complete gap			CST	TBD
5	NR	426179-1	Bicycle and Pedestrian	Silver Spring State Park Pedestrian Bridges	Construction of new pedestrian bridges in the Park	CST	\$3,582,056		
6	6		Bicycle and Pedestrian	CR 484 Penn Avenue Multimodal, Phase II	Construction of pedestrian bridge to support multimodal project in Dunnellon			PE, DES, ROW, CST	TBD

2023 Planning Study Priorities

2023 Rank	2022 Rank	FDOT Project Number	Project List	Project Name/Limits	Description	Current TIP/Tentative Work Program Phase(s)	Current TIP/Tentative Work Program Funding	Proposed Phase(s)	Funding Requested
1	1		Planning	CR 484 from SW 49th Ave to CR 475A	Widening to six lanes, bridge replacement at I-75			PD&E, Design, ROW, CST	\$55,000,000
2	2		Planning	SR 35 and SR 464 Intersection Flyover	Flyover of SR 35 at SR 464			PE, DES, ROW, CST	\$39,600,000
3	3		Planning	SR 40 from SW 60th to I-75 Widening	Widening of the roadway to six lanes			PD&E, DES, CST	\$25,800,000
4	4		Planning	I-75 at SW 20th Street	Construction of a new interchange at SW 20th			PD&E, DES, ROW, CST	TBD
5	5		Planning	US 441 from Sumter County to CR 42	Widening of the roadway to six lanes			PD&E, DES, CST	TBD
6	6		Planning	US 27 from I-75 to NW 27th	Widening to six lanes			PD&E, DES, ROW, CST	\$48,731,000
7	7		Planning	SW 20th Street from I-75 to SR 200	Widening of roadway to four lanes			DES, ROW, CST	TBD
8	8	411256-4	Planning	US 301 from north of CR 42 to SE 14nd Place	Widening to four lanes			PD&E, DES, ROW, CST	\$13,100,000
9	9		Planning	Dunnellon Bypass from CR 40 to US 41	New two-lane roadway connection			PE, DES, ROW, CST	TBD
10	10		Planning	NW 37th Avenue from SR 40 to US 27	New two-lane roadway			PE, DES, ROW, CST	TBD
11	11		Planning	SR 326 from US 301 to old US 301	Widening of roadway to four lanes			PD&E, DES, ROW, CST	TBD
12	12		Planning	US 41 from SR 40 to Levy County Line	Widening of roadway to four lanes			PD&E, DES, ROW, CST	\$87,900,000
13	13		Planning	Marion Oaks Extension and Flyover	SW 18th to CR 475/I-75, Flyover interstate			PD&E, DES, ROW, CST	\$82,620,000
14	14		Planning	SR 35 (US 301) from CR 25 to SE 92nd	Widening of roadway to four lanes			PD&E, DES, CST	\$38,185,000
15	16		Planning	SR 326 from CR 200A to NE 36th	Widening of roadway to four lanes			PD&E, DES, CST	TBD



TO: Committee Members

FROM: Rob Balmes, Director

RE: Congestion Management Process, State of System Update

Summary

In November 2021, the TPO Board adopted a revised Congestion Management Plan (CMP). One major element of the CMP is a State of the System. This element contains information related to level of service and congestion for the major federal-aid roadways in Marion County.

The TPO plans to conduct an update to the State of the System element, including level of service information, a comprehensive database table and associated map series. This update has been requested by local government partner agencies in support of ongoing traffic study and impact analysis work performed in the community. This project also involves the development of context classifications for the non-state roadways in Marion County based on the release of the new Quality/Level of Service Handbook in January 2023.

The project is anticipated to begin in early May and be completed by August 31, 2023.

Attachment(s)

- Draft Scope of Work, Consultant Services

If you have any questions regarding the project or draft Scope of Services, please contact me at 438-2631.



Ocala Marion County TPO

Congestion Management Process

2023 State of the System Update

Scope of Services

Introduction

The Ocala Marion Transportation Planning Organization (TPO) developed an updated Congestion Management Process (CMP) Policies and Procedures Manual in 2021. A first year state of the system report was prepared as part of the 2021 CMP Policies and Procedures Manual development.

The TPO desires to have an update to the CMP database and map series related to the automobile level of service and congestion ratings. The update will be based on the most recent published traffic data by the City of Ocala, Marion County, and Florida Department of Transportation (FDOT). The TPO will coordinate with the City of Ocala, Marion County, and FDOT to obtain traffic data for the update.

The FDOT has released a new Quality/Level of Service Handbook in January 2023 with revised service volumes based on context classification. FDOT has developed preliminary context classifications for state roadways that will be utilized for the service volume determination. Context classifications will need to be developed and reviewed with the respective maintaining agencies of the non-state roadways.

Purpose

The purpose of this scope is for Kimley-Horn (Consultant) to support the TPO staff in updating the CMP database and associated map series using the most recent traffic data and generalized service volumes published by FDOT. The CMP database and map series will be utilized by the TPO and agency partners for development and transportation concurrency review.

Scope of Services

Task 1: Project Management and Agency Coordination

Kimley-Horn will perform administrative and agency coordination activities necessary for the performance of this work order. Kimley-Horn will attend a kickoff meeting with TPO staff and agency partners to discuss the project. Kimley-Horn will coordinate with TPO staff as needed throughout the duration of the work order through in-person meetings and conference calls. Kimley-Horn will prepare monthly invoices and progress reports.

Kimley-Horn will participate in one review meeting with TPO staff and agency partners to review the preliminary Context Classification for non-state roadways.

Kimley-Horn will prepare for and lead a presentation to the Technical Advisory Committee, Citizens Advisory Committee, and TPO Board.

Deliverables

- Kickoff meeting and minutes
- Agency Context Classification review meeting and minutes
- Monthly Progress Reports and Invoicing
- Presentation to the Technical Advisory Committee
- Presentation to the Citizens Advisory Committee
- Presentation to the TPO Board

Task 2: Preliminary Context Classification and Service Volume Update

Kimley-Horn will review the characteristics of roadways within the CMP based on the preliminary context classification for adjacent state roadways and identify a preliminary context classification. Using the context classification, roadway segments may need to be modified for logical transitions in context classification. The preliminary context classifications will be reviewed against the prior year roadway segmentation and area type.

Kimley-Horn will prepare a draft map illustrating the recommended preliminary context classifications. Kimley-Horn will revise the map one time based on input from the respective maintaining agencies, following the coordination meeting outlined in Task 1.

Kimley-Horn will establish daily and peak hour, peak direction service volumes for each roadway within the CMP based on the preliminary context classification, the FDOT 2023 Quality/Level of Service Handbook, and respective agencies Transportation Element of the Comprehensive Plan.

Deliverables

- Draft preliminary context classification map
- Final preliminary context classification map

Task 3: CMP Database and Congestion Map Series

The TPO will provide the most recent published traffic data from the City of Ocala, Marion County, and FDOT to Kimley-Horn for this task. Kimley-Horn will compare the existing traffic data to the service volumes developed in Task 2. The CMP database will be updated to document existing conditions level of service and volume to maximum service volume (V/MSV) ratios.

The existing traffic data will be extrapolated to a five-year forecast consistent with the current five-year TIP. The five-year forecasted traffic data will be compared to the service

volumes developed in Task 2 to determine the future year level of service and V/MSV ratios.

Congestion ratings will be assigned to each roadway within the CMP for existing and five-year forecasted conditions.

A map series will be prepared summarizing the existing and five-year forecasted LOS, V/MSV, and congestion ratings.

A summary report will be prepared documenting the context classification and service volume development, operating conditions and congestion ratings of the roadways, and a comparison of the congestion ratings to the first-year state of the system evaluation.

One update to the report and CMP database and mapping series will be made based on input from TPO staff and the agency partners.

Deliverables

- Draft CMP Database
- Draft Map Series (Existing LOS, Existing V/MSV, 5-year LOS, 5-year V/MSV, Congestion Ratings)
- Draft summary report
- Final CMP Database
- Final Map Series (Existing LOS, Existing V/MSV, 5-year LOS, 5-year V/MSV, Congestion Ratings)
- Final summary report
- Electronic files for the database, map series and report documents

Time of Completion

This project is anticipated to be completed within a 4-month period, with final deliverables provided prior to August 31, 2023.

Project Budget

The work assignment budget in the attached Table A reflects the lump sum fee estimate for the tasks and specific deliverables outlined in this scope of services. Staff rates are consistent with contract rates included in the Agreement between Kimley-Horn and Marion County for Project RFQ#20Q-121 – General Planning Consultant for TPO dated August 18, 2020 and Modified July 6, 2022.

Invoices will be processed monthly by the Kimley-Horn based on the percent work completed for each task.



TO: Committee Members

FROM: Rob Balmes, Director

RE: Safety Tools Project, Safety Dashboard and Annual Report

Summary

As part of the Commitment to Zero Safety Action Plan, the TPO identified the development of a safety dashboard and annual crash reporting, as a future resource to the public and our partner governments. This concept was shared with the TPO Board and Committees in January, as part of a presentation related to upcoming 2023 planning activities.

The purpose of this project involves the development of an online, interactive safety dashboard mapping tool and annual safety report. Both resources will be developed in a format that is public-friendly for ease of use and navigation. Part of this project is tied to the TPO's past work involving an annual Trends and Conditions report. The timeframe of the project development will be from May to August 2023, with a formal release of both the online dashboard and annual report in late August.

Some of our neighboring TPO/MPO peers have developed similar tools and reports. Below are three examples from central Florida partner online tools.

<https://lsmmpo.maps.arcgis.com/apps/dashboards/54e870a958ad4aee84a3d860fff0f48>

Lake~Sumter MPO

<https://metroplanorlando.org/maps-tools/crashdata/>

MetroPlan Orlando

<https://sctpo.maps.arcgis.com/apps/dashboards/c15a9dae1fb945adb9e28a71d0b89b98>

SpaceCoast TPO

Attachment(s)

- Draft Scope of Work, Consultant Support Services

If you have any questions regarding the project or draft Scope of Services, please contact me at 438-2631.

A transportation system that supports growth, mobility, and safety through leadership and planning
Marion County • City of Belleview • City of Dunnellon • City of Ocala



TPO Safety Tools

Commitment to Zero Safety Online Dashboard & Annual Safety Summary Report Scope of Services

Purpose

The purpose of this task is for Kittelson and Associates (Consultant) to support the TPO by developing an online, interactive Commitment to Zero safety dashboard mapping tool and Annual Safety Summary Report. The detailed tasks to be performed in this scope of services are described as follows.

Services

Task 1: Project Management

The TPO Project Manager and Consultant Project Manager will lead this task. The following tasks will be completed as part of this scope:

- Management of task, invoices and deliverables
- Coordination between the TPO Project Manager and Consultant Project Manager to maintain schedule, deliverables and participation in virtual conference call meetings.

Commitment to Zero Safety Dashboard

Task 2: Create Online Interactive GIS-Based Safety Dashboard

The Consultant will lead this task to design and develop a public-friendly, GIS-based online interactive Commitment to Zero Safety Dashboard to include crash data information over the most current five-year time period in Marion County. The following summarizes the main features of the dashboard.

- Most recent 5-year period of crashes (2018 to 2022) in Marion County
- Color coded by Fatalities, Serious Injuries, Property Damage Only (PDO)
- Zoom feature that can convert from points (zoomed in) to heat (zoomed out)
- Summary dashboard information with total number of crashes, total number of fatalities and total number of injuries – over the current five-year period
- Pie charts summarizing manner of crash, severity of crashes
- Bar chart of crashes per year
- Map pop-up configuration displaying crash statistics for each crash point
- Dashboard will be set up to be updated annually by TPO staff, as new fifth year of crash data is available
- “How-to” guidance documentation for staff to update annually

Data Source(s)

The most current available crash data from 2018 to 2022 will be derived from Signal Four Analytics, University of Florida.

Software Platform

ArcGIS Pro and ArcOnline will be used as the tools. The Consultant will access the TPO's ArcGIS online hub to create and develop the dashboard. This will enable TPO staff to manage and maintain the hub on an annual basis.

Commitment to Zero Annual Safety Summary Report

Task 3: Develop Annual Safety Summary Report

The Consultant will design and develop a public-friendly, annual safety report summarizing crash statistics over the most recent five-year period (2018 to 2022). The report will be a resource for citizens, elected leaders and public agencies in Marion County. This project will revise and expand upon past annual efforts by the TPO reflected in the Trends and Conditions reports. The draft and final summary reports will be developed in Microsoft Word and Adobe Acrobat (PDF).

The following outlines the main crash statistics to be summarized in the report, as available. The information will be summarized for yearly and five-year totals.

- PM1 Safety Performance Measures Annual Summary and Targets
- Total crashes
- Crash rate (per 100 million VMT)
- Total fatalities
- Fatality rate (per 100 million VMT)
- Serious Injuries
- Serious Injury rate (per 100 million VMT)
- Non-Motorized crashes, fatalities, serious injuries
 - Bicyclists
 - Pedestrians
- Non-Motorized crash, fatality, serious injury rates (per 100 million VMT)
 - Bicyclists
 - Pedestrians
- Crashes by Month
 - Total crashes
 - Fatalities
 - Serious Injuries
- Top 5 overall crash types
- Top 3 fatal crash types
- Top 3 serious injury crash types
- Fatal and serious injury crash summary
 - Age group
 - Road type

- Intersection vs Non-Intersection
- Hit and Run
- Lighting condition
- Weather condition
- Road condition
- Alcohol confirmed
- Drug confirmed
- Seatbelt
- Posted Speed
- Vehicle Type

Data Source(s)

The most current available crash data from 2018 to 2022 will be derived from Signal Four Analytics, University of Florida.

Responsibilities of the TPO

TPO staff will perform the following tasks:

- Task #1 – Project Management
- Task #2, #3 – Provide files and information, review of draft and final deliverables

Responsibilities of the Consultant

Consultant will perform the following tasks:

- Task #1 – Project Management
- Task #2, #3 – Completion of all activities involving the design and development of the interactive GIS safety dashboard and summary annual report

Time of Completion

The project will begin on May 5, 2023 and be completed by August 31, 2023. Any changes that are made to the project schedule will be agreed upon by both parties, including the Consultant and TPO staff.

Deliverables to be provided by the Consultant

The following final deliverables are expected:

- Interactive online GIS Commitment to Zero Safety Dashboard
- Annual Commitment to Zero Safety Summary Report
- “How-to” guidance documentation for staff to update annually
- All GIS, Word and PDF project files