

**Technical Coordinating Committee (TCC)
Meeting Minutes
May 18, 2021**

TCC Members Physically Present:

Andrew Holmes
Matt Boerger
Belinda Collins
Ron Paradise
Darren Lear
Brian Walker, Vice Chairperson
Kyle Fegley
Becky Mendez, Chairperson
Shawn Finley
Mark Karet
Mike Disher
Tim Burman
Melissa Winslett
Ralf Heseler

TCC Members Virtually Present:

Jose Papa
Rakinya Hinson (non-voting advisor)

TCC Members Absent:

Rodney Lucas
Stewart Cruz
Lee Evett
Brian Peek
Lauren Possinger
Adam Mengel

Others Present:

Debbie Stewart, Recording Secretary
Colleen Nicoulin
Pam Blankenship
Lois Bollenback
Stephan Harris
Sean Castello

Representing:

Daytona Beach
DeBary
DeLand Alternate
Deltona
Edgewater
Holly Hill
New Smyrna Beach
Orange City
Ormond Beach
Pierson
Ponce Inlet
Port Orange
V.C. Traffic Engineering
Votran

Representing:

Palm Coast
FDOT District 5

Representing:

Bunnell
Daytona Beach Shores
Lake Helen
South Daytona
V.C. Emergency Management
F.C. Traffic Engineering

Representing:

TPO Staff
TPO Staff
TPO Staff
TPO Staff
TPO Staff
Volusia County Traffic Engineering

I. Call to Order / Roll Call / Determination of Quorum

Chairperson Mendez called the meeting of the River to Sea Transportation Planning Organization (TPO) Technical Coordinating Committee (TCC) to order at 3:00 p.m. The roll was called and it was determined that a quorum was physically present. Due to the COVID-19 virus, the meeting was held in a hybrid format with 14 voting members physically present and one voting and one non-voting member virtually present.

MOTION: *A motion was made by Mr. Lear to allow TCC members attending virtually to participate and vote. The motion was seconded by Mr. Paradise and carried unanimously.*

The Pledge of Allegiance was given.

II. Public Comments/Participation

There were no public comments.

III. Action Items

A. Review and Approval of April 20, 2021 TCC Meeting Minutes

MOTION: *A motion was made by Mr. Lear to approve the April 20, 2021 TCC meeting minutes. The motion was seconded by Mr. Paradise and carried unanimously.*

B. Review and Recommend Approval of Resolution 2021-## Amending the FY 2020/21 to 2024/25 Transportation Improvement Program (TIP) (Roll Call Vote Required)

(Handout)

Ms. Nicoulin stated this proposed amendment is for the current year TIP and revises funding for an existing project which is a Safe Routes to School project for Campbell Middle School and Turie T. Small Elementary in Daytona Beach. It increases the design funding and revises the project limits; the project was divided into two phases and the revised limits reflect that. This amendment also programs funding for construction of the Fremont Avenue sidewalk project in Daytona Beach. This project is moving into the new TIP that is under development and will take effect July 1, 2021. FDOT requested the amendment to add it to the current TIP as they need to move forward prior to July 1, 2021.

MOTION: *A motion was made by Mr. Lear to recommend approval of Resolution 2021-## amending the FY 2020/21 to 2024/25 Transportation Improvement Program (TIP). The motion was seconded by Ms. Collins and carried unanimously by a roll call vote.*

C. Review and Recommend Approval of Resolution 2021-## Amending the Connect 2045 Long Range Transportation Plan (LRTP) (Roll Call Vote Required)

Ms. Nicoulin stated a presentation was given last month regarding the SunRail Phase II North Expansion project and the need to amend the Connect 2045 Long Range Transportation Plan (LRTP) to reflect that project. At the time the Connect 2045 LRTP was adopted in September 2020 the project details were unknown so it was listed in the LRTP as an unfunded, aspirational project. The focus of this amendment is to add the funding associated with this project. She reviewed the required amendments to Chapter 5, Chapter 6 and Appendix D. There was a question last month regarding the Orange Avenue Bridge and if it would be reconstructed as part of this project; it is the TPO's understanding that it will not be part of this project.

Mr. Disher asked what the funding source is for this project.

Ms. Hinson replied it is a variety of different types of funding; in-house funding, state funding, Federal Transit Administration (FTA) funding, and New Start Transit Funding (NSTF) which is from documentary stamps. It is a combination of federal and state funding.

MOTION: *A motion was made by Mr. Lear to recommend approval of Resolution 2021-## amending the Connect 2045 Long Range Transportation Plan (LRTP). The motion was seconded by Mr. Holmes and carried unanimously by a roll call vote.*

IV. Presentation Items

A. Presentation and Discussion of Draft FY 2021/22 to 2025/26 Transportation Improvement Program (TIP)

Ms. Nicoulin stated the Transportation Improvement Program (TIP) is the five-year program of funding and includes a variety of different projects such as bicycle/pedestrian, traffic operations and capacity projects as well as other types of projects that receive state or federal funding. Each year, when the new TIP is developed, the old year is dropped and a new outer year is added which for this TIP is 2025/26. The significant changes to the new TIP that is being developed were presented earlier this year by FDOT when they gave a presentation on their

new Work Program. She reviewed some of the projects that are moving into the Work Program that are part of the proposed TIP. A preliminary draft TIP has been developed and a comparison report was also developed so members can see new projects, funding changes, and projects that have been deferred. It is a lengthy document but project types have been categorized together and members are able to focus on certain municipalities. This item will be back for action next month and it will open for a 30-day public comment period which begins on May 23, 2021. It will be adopted at the June 23, 2021 TPO Board meeting.

B. Presentation and Discussion of Draft R2CTPO 2021 List of Priority Projects (LOPP)

(Handout)

Ms. Nicoulin stated every year at this time the TPO updates the List of Priority Projects (LOPP) to reflect changes that have occurred over the year; projects that have been moved into the Work Program or have been withdrawn as well as to add new projects that were submitted during the annual Call for Projects. This year the LOPP has been updated to reflect changes as a result of the adoption of the Connect 2045 LRTP. The LOPP is a series of eight lists; she reviewed the changes to LOPP and the new projects that have been added to it. She noted the Strategic Intermodal System (SIS) and Regionally Significant non-SIS project lists come from the LRTP. The list of Traffic Operations and list of Bicycle/Pedestrian projects come from projects submitted by member local governments during the annual Call for Projects; each of those lists are broken into a Tier A, Tier B and Tier C list. She noted that the top eight projects on the Tier A Traffic Operations list are protected until they are programmed into the Work Program as are the top three projects on the Tier A Bicycle/Pedestrian list.

Mr. Lear stated he could not find the Bicycle/Pedestrian priority list from the link provided in the agenda.

Ms. Nicoulin replied the Bicycle/Pedestrian list was added this morning and is now available on the link; a hard copy is also available. Mr. Stephan Harris manages the Bicycle/Pedestrian list as well as the SUN Trail lists; specific questions regarding those lists should go to him. She continued reviewing the project lists and reviewed projects on the SUN Trail list, Transit list, the Planning Studies list and the Transportation Regional Incentive Program (TRIP) list. A final draft of the LOPP will be presented next month for a recommendation of approval; once adopted, it will be transmitted to FDOT for them to use as they develop the Work Program.

Mr. Papa commented there are a number of projects that are fully funded on the LOPP; he asked how far the fully funded projects go out.

Ms. Nicoulin replied she does not have that information in front of her. She noted that additional funding has been made available to the TPO by recent legislation that will be used to program projects. She believes next year is fully funded but the full five-year work program is not fully funded. She will get the details of what is available for him.

C. Presentation and Discussion of Votran's Service Changes

Mr. Ralf Heseler, Votran Senior Planner, gave a PowerPoint presentation on upcoming service changes to the Votran system. On March 15, 2021 the Volusia County Council approved recommendations to improve the efficiency and effectiveness in Votran services; these recommendations include replacing Fixed Route 24 with Transportation Disadvantaged Service; eliminating Fixed Route 25; and converting Fixed Route 44 to Flex service. These service changes are tentatively planned to go into effect in June 2021. At the same time, Votran is developing its Transit Development Plan (TDP) as well as a Comprehensive Operation Analysis (COA). Some of these changes will be reflected in the COA. He explained Fixed Route 24 serves the northwest part of the county (Deland, DeLeon Springs, Pierson, Seville) and has low ridership; this route will be replaced with paratransit (Votran Gold) which is a demand response door-to-door service. They feel this will be a better fit for the community. Route 25, which serves Deltona, also has very low ridership, was suspended at the outset of the COVID-19 pandemic and has not been reinstated; this route will be eliminated. Route 44 serves New Smyrna Beach has low ridership and will be converted to Flex service. He explained flex service serves three quarters of a mile on either side of the current fixed route path on SR 44; it will deviate from that within the three-quarters

of a mile bubble. Customers will call in advance for a ride. It will overlap portions of Flex routes 42 and 43 and will be a better service for customers in that area.

Mr. Karet asked how Votran will publicize these new services.

Mr. Heseler replied they have conducted public outreach both electronically and in person. This past Saturday, Votran had a pop-up tent at the New Smyrna Beach Farmer's Market and provided informational flyers and interacted with the public. Flyers are on the buses and at the bus stops. They have been putting information out in the media and will continue to do so.

Mr. Karet stated he is specifically interested in Route 24; he asked if Votran had spoken with the people in Pierson.

Mr. Heseler replied he personally rode the Route 24 bus for two weeks and met with the people who ride that bus. He brought an interpreter with him as not everyone speaks English; they explained the changes and provided applications for Votran Gold service and helped them complete them. They also held two public meetings in Pierson. Last week they put notices on each Route 24 bus stop explaining that the route is being eliminated; contact information is provided

Mr. Boerger asked what the lead time is to call in for Flex Service.

Mr. Heseler replied riders can call up to two hours before but not more than three days prior.

Ms. Collins asked what feedback was received from the public.

Mr. Heseler replied for Route 24, most people were not surprised because they saw the low ridership. About two months ago Votran conducted a survey on the bus and at a church in Pierson; no one expressed any difficulty in having to migrate to transportation disadvantaged (TD) service which is door-to-door service. They had the same reaction to the changes to Route 44 in New Smyrna Beach; no one was opposed to it.

Mr. Fegley asked if there is a schedule for removing the bus stops on Route 44.

Mr. Heseler replied they plan to initiate the service changes on June 20, 2021. Signs are being installed today on all the bus stops notifying that they will no longer be available after June 20, 2021.

Mr. Fegley asked if this information has been given to the city's Public Information Officer (PIO).

Mr. Heseler replied he is not sure but he will make sure they receive the information.

Mr. Paradise referred to the ridership numbers for Route 25 and asked if those numbers were pre-COVID.

Mr. Heseler replied yes.

Discussion continued.

D. FDOT Report

The FDOT report was provided in the agenda.

Ms. Hinson stated that there have been questions at prior meetings regarding the updated format of the construction report; the information that was requested is part of another internal report FDOT has. Once they include that information, the report becomes cloudy because it includes internal coding. The information requested is available and FDOT can provide it but it is not included in the construction report. If specific information regarding a project is needed, contact TPO staff or herself and she will provide it.

E. Volusia and Flagler County Construction Reports

The Volusia and Flagler County Construction Reports were provided in the agenda.

Ms. Winsett announced a new traffic signal at Orange Camp Road and South Blue Lake Avenue has been installed and should be operational next week. She introduced Mr. Sean Castello, Volusia County Traffic Engineer, and explained he will be assisting her with the TPO's committee meetings.

V. Staff Comments

Ms. Nicoulin referred to Mr. Papa's earlier question regarding funding over the next five years and stated the Traffic Operations program has approximately \$5.7 million and the Bicycle/Pedestrian program has approximately \$3.2 million over the next five years for programming projects. Additional funding of \$2.4 million was provided to the TPO through the COVID Response and Relief Supplemental Appropriations Act (CRRSAA). FDOT also has additional funding but we do not know the amount yet. It will be available to FDOT districtwide. There has been some initial coordination and meetings to discuss how to use those funds and to identify projects.

Chairperson Mendez asked if the I-4 Beyond the Ultimate project in Volusia County would be included.

Ms. Nicoulin replied that is unknown at this time.

Ms. Bollenback stated there have been a variety of funding packages recently; the CARES Act, CRRSAA and the American Rescue Plan. From the American Rescue Plan, there is funding coming to the state that she thinks they will put into the general revenue and the general revenue dollars will go into the Transportation Trust Fund. The question is if those are federal dollars or state dollars because it makes a difference in how they can be spent. She has not received an answer to that question yet. All of these packages have allocations to the state for federal dollars and sub-allocations to the TPO; there are restrictions on how it can be spent. She referred to the List of Priority Projects (LOPP) and stated it is current should FDOT ask what our priorities are. The concern that has been expressed is that when there is a flood of money into construction projects there is the question of whether there is the capacity to undertake that much construction and what that might do to the cost of construction whether it is materials or workforce. FDOT would like to continue to have a pipeline of projects ready and not just construction ready projects but to make sure we are still planning, acquiring right-of-way and preparing projects. There is a difference between the priority list and how to implement it based on available funding; FDOT is looking at this now and trying to put the numbers together. We do not have all the detail on how much funding will be available and what other considerations are underway so it is difficult to pick projects and project phases right now. We will have a better understanding as more information becomes available as to what projects may be able to advance. She recommended members review their projects and make sure they know what project they want to pursue should they be asked.

Chairperson Mendez asked if there was any benefit to begin locally funding design so projects are shovel ready.

Ms. Bollenback replied she does not believe they will want only shovel ready projects. She encouraged members to be ready to have discussions so FDOT can understand what funding can be put in place.

Chairperson Mendez stated she has had discussions with FDOT regarding the I-4 Beyond the Ultimate funding for right-of-way acquisition and construction in Volusia County and that the side roads at each interchange support the infrastructure and are just as important as the improvements to I-4. They are looking to piece off some of it instead of biting off the whole project.

Ms. Bollenback replied that before the Beyond the Ultimate project, the interchanges were included in the LRTP and TIP and treated independently for that reason; that may be the case for other large projects that are in the LRTP. We may not be able to four-lane ten miles of SR 415 but perhaps some intersection improvements, turn outs, and medians could be done in areas that would improve safety and keep traffic flowing. This is a good opportunity to re-evaluate how to get the best bang for those dollars.

F. TCC Member Comments

Mr. Heseler announced Votran is in the process of developing its Transit Development Plan (TDP) and as part of that process a public meeting will be held Thursday, May 20, 2021 from 5:30 pm to 7:00 pm at the Volusia County Administration Building in Deland; another public meeting was held yesterday at the Daytona Beach Library. A link to the meeting can be found on Votran's website; www.votran.org.

VII. Information Items

- CAC & TCC Attendance Records
- April TPO Outreach and Events
- April 28, 2021 TPO Board Report

VIII. Adjournment

There being no further business, the TCC meeting adjourned at 3:57 p.m.

RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION



Ms. BECKY MENDEZ, CHAIRPERSON
TECHNICAL COORDINATING COMMITTEE (TCC)

CERTIFICATE:

The undersigned duly qualified and acting Recording Secretary of the River to Sea TPO certified that the foregoing is a true and correct copy of the minutes of the May 18, 2021 regular meeting of the Technical Coordinating Committee (TCC), approved and duly signed this 15th day of June 2021.



DEBBIE STEWART, RECORDING SECRETARY
RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION

VOLUSIA TRANSPORTATION PLANNING ORGANIZATION (TPO)
 TECHNICAL COORDINATING COMMITTEE (TCC)

ROLL CALL VOTE – LRTP AMENDMENT

MEETING DATE: TUESDAY, MAY 18, 2021 QUORUM: 11 MEMBERS YES
 MEETING TIME: 3:00 P.M.
 MEETING LOCATION: VOLUSIA TPO

MOTION:

<u>REPRESENTING:</u>	<u>TCC MEMBER:</u>	<u>YES</u> / <u>NO</u>
BUNNELL	RODNEY LUCAS	Abs / _____
DAYTONA BEACH	ANDY HOLMES	✓ / _____
DAYTONA BEACH SHORES	STEWART CRUZ	Abs / _____
DEBARY	MATT BOERGER/JOSEPH BARKER	✓ / _____
DELTONA	RON PARADISE	✓ / _____
DELAND	MIKE HOLMES/BELINDA COLLINS	✓ / _____
EDGEWATER	DARREN LEAR	✓ / _____
HOLLY HILL	BRIAN WALKER	✓ / _____
LAKE HELEN	TIM DAY Lee Everett	Abs / _____
NEW SMYRNA BEACH	KYLE FEGLEY	✓ / _____
ORANGE CITY	BECKY MENDEZ	✓ / _____
ORMOND BEACH	SHAWN FINLEY	✓ / _____
PALM COAST	JOSE PAPA	✓ / _____
PIERSON	MARK KARET	✓ / _____
PONCE INLET	MIKE DISHER	✓ / _____
PORT ORANGE	TIM BURMAN	✓ / _____
SOUTH DAYTONA	BRIAN PEEK/PATTY RIPPEY	Abs / _____
VOTRAN	RALF HESELER/JAKE LUNCEFORD	✓ / _____
VC EMERGENCY MANAGEMENT	LAUREN POSSINGER	Abs / _____
FLAGLER COUNTY TRAFFIC ENGINEERING	ADAM MENGEL	Abs / _____
VOLUSIA COUNTY TRAFFIC ENGINEERING	JON CHENEY/MELISSA WINSETT	✓ / _____

VOLUSIA TRANSPORTATION PLANNING ORGANIZATION (TPO)

TECHNICAL COORDINATING COMMITTEE (TCC)

ROLL CALL VOTE – TIP AMENDMENT

MEETING DATE: TUESDAY, MAY 18, 2021

QUORUM: 11 MEMBERS YES

MEETING TIME: 3:00 P.M.

MEETING LOCATION: VOLUSIA TPO

MOTION:

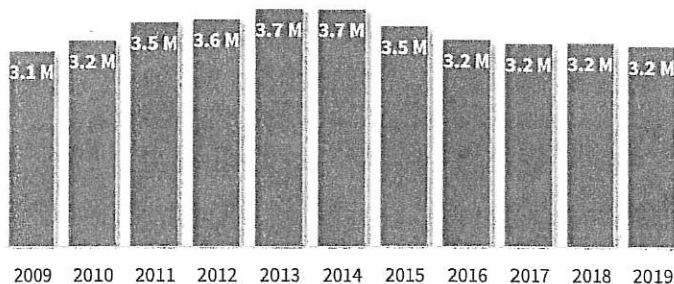
<u>REPRESENTING:</u>	<u>TCC MEMBER:</u>	<u>YES</u> / <u>NO</u>
BUNNELL	RODNEY LUCAS	<u>Abs</u> / _____
DAYTONA BEACH	ANDY HOLMES	<input checked="" type="checkbox"/> / _____
DAYTONA BEACH SHORES	STEWART CRUZ	<u>Abs</u> / _____
DEBARY	MATT BOERGER/JOSEPH BARKER	<input checked="" type="checkbox"/> / _____
DELTONA	RON PARADISE	<input checked="" type="checkbox"/> / _____
DELAND	MIKE HOLMES/BELINDA COLLINS	<input checked="" type="checkbox"/> / _____
EDGEWATER	DARREN LEAR	<input checked="" type="checkbox"/> / _____
HOLLY HILL	BRIAN WALKER	<input checked="" type="checkbox"/> / _____
LAKE HELEN	TIM DAY <i>Lee Swett</i>	<u>Abs</u> / _____
NEW SMYRNA BEACH	KYLE FEGLEY	<input checked="" type="checkbox"/> / _____
ORANGE CITY	BECKY MENDEZ	<input checked="" type="checkbox"/> / _____
ORMOND BEACH	SHAWN FINLEY	<input checked="" type="checkbox"/> / _____
PALM COAST	JOSE PAPA	<input checked="" type="checkbox"/> / _____
PIERSON	MARK KARET	<input checked="" type="checkbox"/> / _____
PONCE INLET	MIKE DISHER	<input checked="" type="checkbox"/> / _____
PORT ORANGE	TIM BURMAN	<input checked="" type="checkbox"/> / _____
SOUTH DAYTONA	BRIAN PEEK/PATTY RIPPEY	<u>Abs</u> / _____
VOTRAN	RALF HESLER/JAKE LUNCEFORD	<input checked="" type="checkbox"/> / _____
VC EMERGENCY MANAGEMENT	LAUREN POSSINGER	<u>Abs</u> / _____
FLAGLER COUNTY TRAFFIC ENGINEERING	ADAM MENGEL	<u>Abs</u> / _____
VOLUSIA COUNTY TRAFFIC ENGINEERING	JON CHENEY/MELISSA WINSETT	<input checked="" type="checkbox"/> / _____

Votran Transit Development Plan FACT SHEET

What is Votran?

Votran provides fixed-route bus transit services in east and west Volusia County. Regular service includes 26 routes and 2 flex zones—18 in East Volusia, 7 in West Volusia, and 1 cross-county connecting DeLand and Daytona Beach. Services are also available for persons unable to access fixed-route transit because of a disability or other eligible reasons. Most routes operate 6:00 AM to 7:30 PM on weekdays and Saturdays with 30- to 60-minute frequency. The regular cash fare is \$1.75, with discounts offered for youths (ages 7–18), older adults, individuals with disabilities, and Medicare card holders. Although transit ridership has declined industrywide in the last few years, Votran has maintained its ridership, serving 3.2 million trips in 2019.

Votran Ridership (2009–2019)



What is the Votran TDP?

The Votran Transit Development Plan is the agency's strategic planning document and also is a requirement of the Florida Department of Transportation for transit funding. A major update to the TDP is due every five years. This 2021 Votran TDP Major Update is being developed by the Volusia County Council in coordination with Votran to serve as a guide for the future of public transportation in Volusia County; it will represent the transit agency's vision to promote transit growth over the next decade.

Why Do We Need Your Input?

Public participation is an important part of developing the Votran TDP, and numerous public outreach activities have been completed or ongoing to support the plan, including stakeholder interviews, discussion groups, rider and non-rider surveys, and public workshops. **Your participation and input are needed so we can learn more about the public transportation needs and issues of the people and organizations you represent in Volusia County and the region.**



For more information, visit votran.org or contact Votran at (386) 756-7496.



Take the Transit Survey!
Scan here using your phone



Or go to
[surveymonkey.com/r/VotranPhaseIIITDP](https://www.surveymonkey.com/r/VotranPhaseIIITDP)

Background Information for Action Item B – Amendment to the FY 2020/21 TO 2024/25 Transportation Improvement Program (TIP):

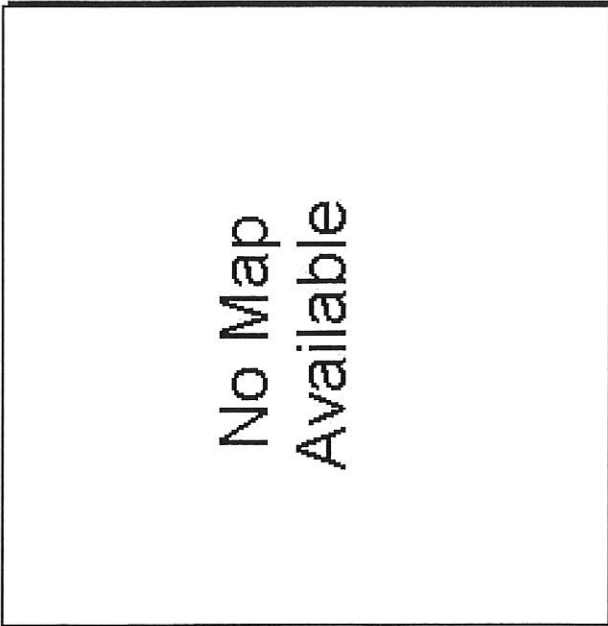
The proposed amendment to the FY 2020/2021 to 2024/2025 TIP revises funding for one (1) existing project and programs funding for one (1) new projects as follows:

- Increases funding for design in FY 2021/22 to \$171,177 and construction in FY 2023/24 to \$952,143 for the Campbell Middle School & Turie T Small Elementary Safe Routes to School Project in Daytona Beach and revises the project length (FM # 443394-1).
- Programs funding in the amount of \$317,935 for the construction phases of the Fremont Avenue Sidewalk project in Daytona Beach (FM # 439971-2).

The proposed Amendment is further described in Attachment "A"

4433941

CAMPBELL MIDDLE SCHOOL & TURIE T. SMALL ELEMENTARY Non-SIS



Work Summary: SIDEWALK

From:

To:

Lead Agency: MANAGED BY CITY OF DAYTONA BEACH Length: 4-622 0.549

Phase	Fund Source	2020/21	2021/22	2022/23	2023/24	2024/25	Total
PE	SR2T	0	<u>171,177</u>	0	0	0	<u>171,177</u>
CST	SR2T	0	<u>405,230</u>	0	<u>952,143</u>	0	<u>952,143</u>
Total		0	<u>171,177</u>	0	<u>952,143</u>	0	<u>1,123,320</u>

Prior Cost < 2020/21: 0
 Future Cost > 2024/25: 0
 Total Project Cost: 865,962 1,123,320

Project Description: Safe Routes to School roadway and sidewalk improvements to include replacement of existing sidewalks on South St from 50 feet west of Keech St to west of Hudson St (2390'). Roadway modifications to reduce roadway width on South St. from east of Russel St to Cedar Park Drive (1020'). Removal of east side on-street parking and roadway width reduction on Keech St from South St to approximately 60 feet beyond Cedar St (830') to provide an 8-foot-wide sidewalk and ADA improvements at the intersections with South St and Cedar St. Replacement of existing sidewalks on the north side of Cedar St from Jean St to Caroline St (5' wide) and on the south side from Caroline St to Keech St (6' wide) including ADA improvements at the intersections of Jean St and Caroline St. (Reference 2045 Long Range Transportation Plan, Pages 2-3 to 2-5, Pages 6-34 to 6-37).

4399712

FREMONT AVENUE SIDEWALK

Non-SIS



Work Summary: BIKE LANE/SIDEWALK From: Niles Street
To: Ridgewood Ave

Lead Agency: MANAGED BY CITY OF DAYTONA BEACH Length: 2,300 feet

Phase	Fund Source	2021/22	2022/23	2023/24	2024/25	2025/26	Total
CST	SU	0	252,310	0	0	0	252,310
CST	TALU	0	65,625	0	0	0	65,625
Total		0	317,935	0	0	0	317,935

Prior Cost < 2021/22: 54,823

Future Cost > 2025/26: 0

Total Project Cost: 372,758

Project Description:

Construction of a 2,300 foot sidewalk along the north side of Fremont Avenue from Niles Street to Ridgewood Avenue (Reference 2045 Long Range Transportation Plan, Pages 2-3 to 2-5, Pages 6-34 to 6-37).

River to Sea TPO List of Prioritized Strategic Intermodal System (SIS) Projects
Draft 5/17/2021

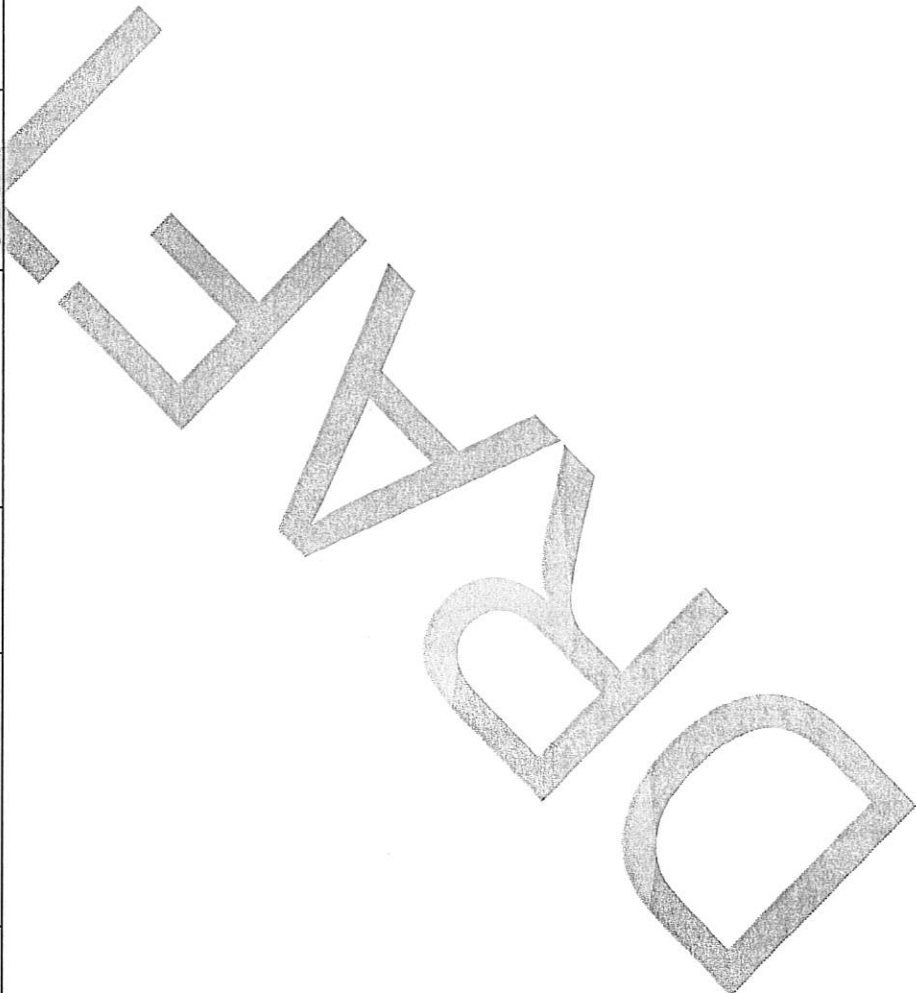
Rank ¹	FM #	Project Name	Project Limits	Description	Programmed Phase(s) ²	Unfunded Phase(s)	Estimated Total Project Cost	Comments
1	4084642	I-4 widening to 10 Lanes (1-4 Beyond the Ultimate)	Volusia/Seminole county line to 1/2 mile east of SR 472	widening		ROW - \$36,923,000; CST - \$613,310,000	\$613,310,000	To be funded as a public-private partnership using tolled lanes PE was completed in 2017; Cost Estimate per Connect 2045 Cost Feasible Plan
	4084642	SR 472 - widen from 4 lanes to 6	Graves Av to Kentucky/MLK Blvd	widening				To be undertaken as part of the I-4 Beyond the Ultimate Project
	4084642	Saxon Blvd Ramp/Roadway	I-4 to Normandy Blvd	ramp improvements				To be undertaken as part of the I-4 Beyond the Ultimate Project
	4084642	Rhode Island Extension	Veterans Memorial Pkwy to Normandy Blvd	new road and ramps				To be undertaken as part of the I-4 Beyond the Ultimate Project
2	4102511	SR 15 (US 17) - widen to 4 lanes	Ponce de Leon Blvd to SR 40	widening	ROW - \$4,036,512 - FY 21/22	CST - \$56,875,662	\$83,205,232	PE was completed in 2017 CEI and CST deferred by FDOT in 2019 from FY 20/21 to FY 29/30
3	4289471	SR 40 - widen to 6 lanes	Williamson to Breakaway Tr	widening	PE - \$2,750,000 - FY 22/23 ROW - \$5,738,887 - FY 24/25 - FY 26/27	CST - \$22,990,000	\$33,067,559	PD&E was completed in 2014; CST Cost estimates will be updated in design phase
4	2408371	SR 40 - widen to 4 lanes	Cone Rd to SR 11	widening	ROW - \$2,823,042 - FY 22/23-26/27	CST - \$49,098,000	\$65,965,724	PE/ENV was completed in 2016
5	2408361	SR 40 - widen to 4 lanes	SR 11 to SR 15 (US 17)	widening	ROW - \$4,722,017 - FY 22/23-26/27	CST - \$42,252,000	\$59,007,144	PE was completed in 2014 ENV was completed in 2017
6	4484561	I-95/LPGA Blvd Interchange Modifications	at LPGA Blvd	Interchange Improvements	PDE - \$1,850,000 - FY 20/21 - 21/22 PE - \$4,940,000 - FY 25/26	CST - \$20,000,000	\$26,790,000	Cost Estimate per Connect 2045 Cost Feasible Plan (PDE Limits include LPGA Blvd from US 92 to Williamson Blvd)
7	4362921	I-95/Pioneer Trail New Interchange	at Pioneer Trail	New Interchange	ENV - \$3,097,848 - FY 21/22 ROW - \$4,414,000 - FY 21/22 - FY 24/25	CST - \$18,500,000	\$39,034,658	Cost Estimate per Connect 2045 Cost Feasible Plan
8	4197722	I-95/US 1 Interchange	at US 1	Interchange Improvements	PDE - \$2,050,000 - FY 21/22 PE - \$3,350,000 - FY 25/26	ROW - TBD CST - \$28,000,000	TBD	Cost Estimate per Connect 2045 Cost Feasible Plan
9	4429321	I-95/SR 44 Interchange	at SR 44	Interchange Improvements		PDE - \$2,250,000 PE - TBD ROW - TBD CST - TBD	TBD	Cost Estimate per Connect 2045 Cost Feasible Plan; interim safety improvements funded
10	--	SR 100 - widen to 6 lanes	Old Kings Rd to Belle Terre Pkwy	widening		ROW - \$3,170,000; CST - \$31,700,000	\$34,870,000 (2015)	Cost Estimate per Connect 2045 Cost Feasible Plan

¹Projects ranked 1-5 on the Prioritized SIS Project List remain in their current spot or move to the next higher spot until they are completed and drop out of the Work Program

²Programmed phases in prior years can be found in the R2CTPO TIP

River to Sea TPO List of Prioritized SIS Planning Studies

Rank	FM #	Project Name	Project Limits	Project Sponsor	Programmed (Year)	Estimated Total Project Cost	Year Submitted	Comments
--		I-4 - Regional TSMO	Seminole County to I-95	--	--	TBD	--	Identified in Connect 2045 for Planning Study
--		SR 100	US 1 to I-95	--	--	TBD	--	Identified in Connect 2045 for Planning Study



River to Sea TPO List of Prioritized Regionally Significant Non-SIS Projects
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Rank ³	FM #	Project Name	Project Limits	Description	Programmed Phase(s) ⁴	Unfunded Phase(s)	Estimated Total Project Cost	Comments
1	4371211	US 1 intersections (from the US 1 AIS)	SR 5 (US 1) at Park Av	intersection improvements	PE- \$150,000 - FY 21/22	ROW - \$2,800,000 CST - \$3,500,000	\$6,871,490	Southbound right turn lane added as part of FM# 4268891, US 1 Median Modifications; PE is for a signal system upgrade to improve intersection operations
2	4081781	SR 483 (Clyde Morris Blvd)	SR 400 (Beville Rd) to SR 600 (US 92 - International Speedway Blvd)	Corridor Improvements		PE - TBD ROW - TBD CST - TBD	TBD	PE completed for road widening project in 2018; Project purpose and need reevaluated as part of the Connect 2045 analysis to include Complete Street Corridor Improvements Cost estimates to be updated following redesign of project
3	4159641	Old Kings Rd - widen from 2 lanes to 4	Palm Harbor Village Way (W) to Farnum Lane	widening	-	CST - \$17,900,000 CEI - \$750,000	\$18,650,000	PE completed 2018; ROW completed 2016
4	4159641	Old Kings Rd - widen from 2 lanes to 4	Farnum Lane to Forrest Grove Dr	widening	-	CST - \$16,700,000 CEI - \$750,000	\$17,450,000	PE completed 2018; ROW completed 2016
4	--	SR 44 - widen from 2 to 4 lanes	Grand Ave to SR 15A	widening/upgrades to improve access to SunRail station	-	PE - \$1,736,000 ROW - \$1,740,000 CST - \$17,360,000	\$20,836,000	Cost Estimate per Connect 2045 Cost Feasible Plan
5	4226271	US 92 - widen from 4 to 6 lanes	I-4 EB Ramps to SR 600 (US 92) to CR 415 (Tomoka Farms Rd)	widening		ROW - \$8,870,200 CST - \$32,000,000	\$37,500,000	PE & ENV completed 2017 ROW funding deferred in 2017 and 2019
6	4484561	Tomoka River Bridge (LPGA Blvd)	W of Champions Dr to E of Tomoka Farms Rd	Bridge Replacement	PDE - \$1,850,000 - FY 20/21 - 21/22 PE - \$4,940,000 - FY 25/26	CST - \$20,000,000	\$26,790,000	Integrated into I-95 Interchange at LPGA Blvd project on SIS list; Included on Non-SIS list to show local commitment and priority
7	4355611	Old Kings Road Extension - Phase II	Matanzas Woods Pkwy to Old Kings Rd	new road construction		CST - \$6,710,000 CEI - \$671,000	\$7,381,000	Cost Estimate per Connect 2045 Cost Feasible Plan
8	4271181 and 4271182	Commerce Pkwy Connector Road - new 2 lane roadway	SR 100 to US 1	new road construction		CST - \$8,800,000 CEI - \$880,000	\$14,520,000	\$6,241,614 identified for CST in Connect 2045
9	--	SR 600/SR15 (US 17/92)	SR 472 to SR 15A (Taylor Rd)	ITS/Operational Improvements		ROW - \$3,000,000 CST - \$27,000,000	\$30,000,000	Cost Estimate per Connect 2045 Cost Feasible Plan

³Projects ranked 1-5 on the Prioritized Non-SIS Project List remain in their current spot or move to the next higher spot until they are completed and drop out of the Work Program

⁴Programmed phases in prior years can be found in the R2CTPO TIP

River to Sea TPO List of Prioritized Regionally Significant Non-SIS Projects

Rank ³	FM #	Project Name	Project Limits	Description	Programmed Phase(s) ⁴	Unfunded Phase(s)	Estimated Total Project Cost	Comments
10	--	SR 44 - widen 4 to 6 lanes	I-4 to Prevatt Ave	widening	--	PE - \$358,002 ROW - \$2,864,017 CST - \$3,580,021	\$6,802,040	Cost Estimate per Connect 2045 Cost Feasible Plan
11	--	US 1 - widen 4 to 6 lanes	Nova Rd to I-95	widening	--	PLN - \$931,446 PE - \$1,862,891 ROW - \$14,903,128 CST - \$18,628,910	\$36,326,375	Cost Estimate per Connect 2045 Cost Feasible Plan
12	--	SR 415 (Tomoka Farms Rd) - widen 2 to 4 lanes	Acorn Lake Rd to Lake Ashby Rd	widening	--	PLN - \$1,393,028 PE - \$2,786,056 ROW - \$22,288,448 CST - \$27,860,560	\$54,328,092	Cost Estimate per Connect 2045 Cost Feasible Plan
13	--	SR 415 (Tomoka Farms Rd) - widen 2 to 4 lanes	Lake Ashby Rd to SR 44	widening	--	PLN - \$1,659,024 PE - \$3,318,049 ROW - \$26,544,389 CST - \$33,180,486	\$64,701,948	Cost Estimate per Connect 2045 Cost Feasible Plan
14	--	SR 44 - widen from 4 to 6 lanes	SR 415 to Glencoe Rd	widening	--	PLN - \$1,467,336 PE - \$2,934,673 ROW - \$23,477,383 CST - \$29,346,729	\$57,226,121	Cost Estimate per Connect 2045 Cost Feasible Plan
15	--	SR 44 - widen from 2 to 4 lanes	Lake County to Grand Ave	widening	--	PLN - \$696,514 PE - \$1,393,028 ROW - \$11,144,224 CST - \$13,930,280	\$27,164,046	Cost Estimate per Connect 2045 Cost Feasible Plan
16	--	SR 15 (US 17)	Ponce de Leon Blvd to SR 40	widening	ROW - \$4,036,512 - FY 21/22	CST - \$56,875,662	\$83,205,232	SIS Facility - Included on Non-SIS list to show local commitment and priority

³Projects ranked 1-5 on the Prioritized Non-SIS Project List remain in their current spot or move to the next higher spot until they are completed and drop out of the Work Program

⁴Programmed phases in prior years can be found in the R2CTPO TIP

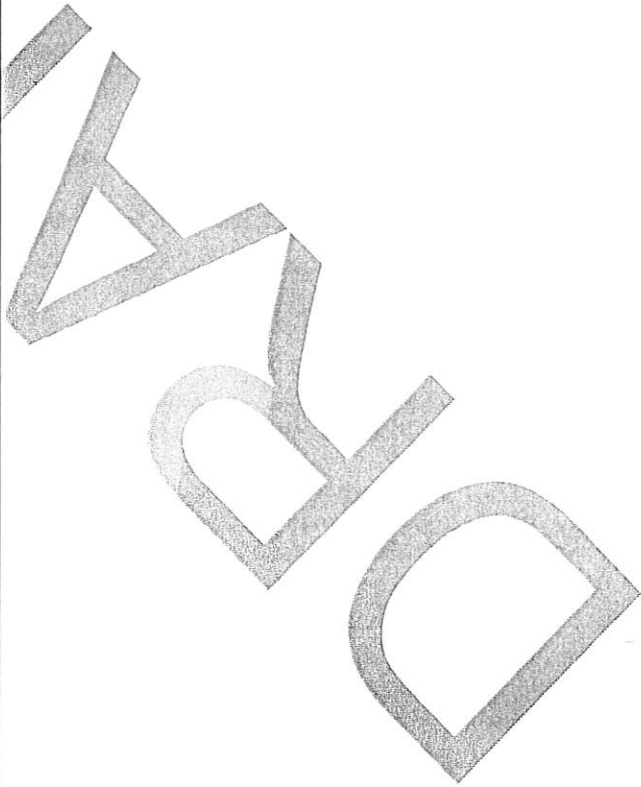
River to Sea TPO List of Prioritized Traffic Operations, Safety, and Local Initiatives Projects
Draft 5/17/2021

Tier "A" - Projects with One or More Phases Funded										
FM #	Project Name	Project Limits	Description	Project Sponsor	Performance Measure	Programmed Phase(s) ⁵	Unfunded Phase(s)	Estimated Total Project Cost	Local Match	Comments
4389811	Turbull Bay Road Paved Shoulders	from Pioneer Trail to RR Crossing	Paved shoulders	Volusia County	Safety	CST - \$2,111,782 - FY 22/23 CEI - \$288,383 - FY 22/23	--	\$2,400,165	10%	FULLY-FUNDED
4389801	Old New York Avenue Paved Shoulders and Lane Widening	from SR 44 to Railroad	Paved shoulders	Volusia County	Safety	RRU - \$700,000 - FY 20/21 CST - \$1,542,570 - FY 20/21 CEI - \$230,000 - FY 20/21	--	\$3,352,559	10%	FULLY-FUNDED
4389821	US 1 Traffic Signal Upgrades	US 1 at 3rd St, 6th St, 8th St, Walker St, and Flomich St	Traffic signal support system upgrade	Holly Hill	System Performance	ROW - 1,399,258 - FY 19/20 - 22-23 CST - \$1,999,866 - FY 21/22 CEI - \$415,530 - FY 21/22	--	\$3,883,144	0%	FULLY-FUNDED
4379421 and 4379422	East International Speedway Blvd. Beachside Corridor Improvement Project	from Halifax River to SR A1A	Corridor improvements	Daytona Beach	Safety	ROW - \$13,288,611 - FY 21/22-24/25 RRU - \$1,669,643 - FY 22/23 CST - \$9,060,855 - FY 22/23 CEI - \$935,911 - FY 22/23 Landscaping: CST - \$738,421 - FY 24/25 CEI - \$66,900 - FY 24/25	--	\$30,028,488	0%	FULLY-FUNDED
4450101	Elkcam Blvd Paved Shoulders	Fort Smith Blvd to Sylvia Dr	Paved Shoulders	Deltona	Safety	CST - \$1,808,840 - FY 20/21 CEI - \$148,786 - FY 20/21	--	\$2,115,304	33%	FULLY-FUNDED PE and CEI Locally Funded
4379351	Barracuda Boulevard Bridge Replacement	between The Middle Way and Quay Assisi	Bridge Replacement	New Smyrna Beach	Safety	ROW - \$374,000 - FY 20/21 - 22/23 CST - \$3,671,110 - FY 21/22 CEI - \$335,514 - FY 21/22	--	\$4,891,985	25%	FULLY-FUNDED
4379361	5th Street Bridge Replacement	between Riverside Dr and Commodore Dr	Bridge Replacement	New Smyrna Beach	Safety	CST - \$2,295,532 - FY 21/22 CEI - \$283,344 - FY 21/22	--	\$3,440,427	25%	FULLY-FUNDED
4363252	Daytona Area ITS Detour - Events Management, Phase 2	Various Location	ITS	Volusia County	System Performance	CST - \$2,075,562 - FY 20/21 CEI - \$205,187 - FY 20/21	--	\$2,280,745		FULLY-FUNDED
4439791	Fort Smith Blvd Paved Shoulders	Elkcam Blvd to Providence Blvd	Paved shoulders	Deltona	Safety	CST - \$834,252 FY 22/23 CEI - \$264,848 FY 22/23	--	\$1,178,518	33%	FULLY-FUNDED PE and CEI Locally Funded

⁵Programmed Phases in prior years are not reported here, but can be found in the R2CTPO's Transportation Improvement Program (TIP)

River to Sea TPO List of Prioritized Traffic Operations, Safety, and Local Initiatives Projects

Tier "A" - Projects with One or More Phases Funded										
FM #	Project Name	Project Limits	Description	Project Sponsor	Performance Measure	Programmed Phase(s) ⁵	Unfunded Phase(s)	Estimated Total Project Cost	Local Match	Comments
4434331	US 92 (DeLand) Corridor Improvements	From US 17 to East of Garfield Ave	Corridor Improvements	Volusia County	System Performance	CST - \$6,128,037 - FY 2021/22	--	\$6,845,920	0%	FULLY-FUNDED Being completed as part of resurfacing project
4477121 and 4477122	Pioneer Trail/Tomoka Farms Road Roundabout	Pioneer Trail at Tomoka Farms Road	Roundabout	Volusia County	Safety, System Performance	ROW - \$600,000 - FY 20/21 CST - \$2,432,749 - FY 23/24 CEI - \$265,000 - FY 23/24				FULLY-FUNDED PE and CEI Locally Funded
4319221	SR 44/Kepler Rd Roundabout	SR 44 at Kepler Rd	Intersection Improvements	Volusia County	Safety	ROW - \$3,850,000 FY 20/21	CST - \$5,400,000 CEI - \$600,000	\$9,850,000	0%	



⁵ Programmed Phases in prior years are not reported here, but can be found in the R2CTPO's Transportation Improvement Program (TIP)

River to Sea TPO List of Prioritized Traffic Operations, Safety, and Local Initiatives Projects

Tier "B" - Projects Ready for Funding											
Rank ⁶	Project Name	Project Limits	Description	Project Sponsor	Performance Measure	Unfunded Phase(s)	Estimated Total Project Cost ⁶	Local Match	Year Submitted	Project Score	Comments
1	Beach Street - Complete Streets Retrofit	Orange Ave to Main/Fairview St	Complete Street	Daytona Beach	Safety, System Performance	PE - \$375,000 (LF) CST - \$7,440,000 CEI - \$744,000	\$8,559,000	10%	2018	60.63	
2	Dunlawton Ave/Clyde Morris Blvd Intersection Improvements	Dunlawton Ave at Clyde Morris Blvd	Intersection Improvements	Port Orange	System Performance	PE - \$111,448 CST - \$542,892 CEI - \$135,723	\$790,063	0%	2018	60.25	
3	Dunlawton Ave at City Center Pkwy/Victoria Gardens Blvd	Dunlawton Ave at City Center Pkwy/Victoria Gardens Blvd	Intersection Improvements (Add WB Right-Turn Lane on Dunlawton Ave)	Port Orange	System Performance	PE - \$85,270 CST - \$526,078 CEI - \$131,534	\$742,882	0%	2016	59.50	
4	White View Pkwy - Corridor Safety Improvements	US 1 to Pritchard Dr	Corridor improvements	Palm Coast	Safety, System Performance	CST - \$4,109,478 CEI - \$268,000	\$3,521,248	10%	2019	78.27	PE Complete - Locally Funded
5	Elkcam Blvd from Providence to Howland Blvd - Paved Shoulders	Providence Blvd to Howland Blvd	Paved Shoulders	Deltona	Safety	PE - \$404,550 (LF) CST - \$1,721,780 CEI - \$303,418 (LF)	\$2,429,748	33%	2019	70.64	
6	SR 415 at Enterprise/Osteen Rd Traffic Signal	SR 415 at Enterprise/Osteen Rd	Traffic Signal	Volusia County	Safety	PE - \$60,000 CST - \$500,000 CEI - \$50,000	\$610,000	0%	2021	71.89	
7	US 92 at Gene Daniels Rd (Grand Champion Dr)/Frances Dr - Traffic Signalization	US 92 at Gene Daniels Rd (Grand Champion Dr) at Frances Dr	Traffic Signal	Daytona Beach	Safety	PE - \$85,000 CST - \$750,000 CEI - \$120,000	\$955,000	10%	2019	68.30	
8	Williamson Blvd Access Upgrades	Airport Rd to Taylor Rd	Access Upgrades	Volusia County	System Performance	PE - \$24,000 (LF) CST - \$342,000 CEI - \$55,000 (LF)	\$435,200	11%	2021	64.89	
9	Dunlawton Ave Turn Lane Bundle	Multiple Locations	Turn Lanes	Port Orange	System Performance	PE - \$351,844 ROW - \$260,000 CST - \$1,404,722 CEI - \$358,150	\$2,374,716	10%	2021	63.67	
10	SR A1A at SR 40 Signal Upgrade	SR A1A at SR 40	Traffic Signal Upgrade	Volusia County	Safety	PE - \$60,000 CST - \$500,000 CEI - \$50,000	\$610,000	0%	2021	63.37	

⁶Projects ranked 1-8 on Tier "B" of the List of Prioritized Traffic Ops, Safety, and Local Initiatives Projects will be ranked in their current spot or move to the next higher spot until they are programmed and move to Tier "A"

River to Sea TPO List of Prioritized Traffic Operations, Safety, and Local Initiatives Projects

Tier "B" - Projects Ready for Funding											
Rank ⁶	Project Name	Project Limits	Description	Project Sponsor	Performance Measure	Unfunded Phase(s)	Estimated Total Project Cost	Local Match	Year Submitted	Project Score	Comments
11	North Nova Rd - Corridor Improvements	SR 40 to US 1	Corridor improvements	Ormond Beach	Safety	PE - \$461,550 CST - \$3,077,000 CEI - \$307,700	\$3,846,250	10%	2019	61.55	Mixed-Use Project - also listed on Bike/Ped Tier B; Traffic Ops funding amount to be consistent w/ Traffic Ops component of project
12	Lake Helen Osteen Rd at Captain Dr and Haulover Blvd - Intersection Improvements	Lake Helen Osteen Rd at Captain Dr & Haulover Blvd	Intersection Improvements	Deltona	Safety	PE - \$197,000 (LF) CST - \$416,484 CEI - \$148,000 (LF)	\$761,484	33%	2019	60.00	
13	US 17/92 at Rich Ave Signal Upgrade	US 17/92 at Rich Ave	Signal Upgrade	Volusia County	System Performance	PE - \$60,000 CST - \$500,000 CEI - \$50,000	\$610,000	0%	2021	58.67	
14	LPGA Blvd at Jimmy Ann Dr Signalization	LPGA Blvd at Jimmy Ann Dr	Traffic Signal	Daytona Beach	Safety	PE - \$55,000 CST - \$500,000 CEI - \$90,000	\$645,000	10%	2021	58.00	
15	Clyde Morris Boulevard Right Turn Lanes	Clyde Morris Boulevard Right Turn Lanes	Intersection Improvements	Port Orange	System Performance	PE - \$164,454 CST - \$548,477 CEI - \$82,272	\$795,292	10%	2020	57.75	
16	Belle Terre Pkwy Corridor Improvements	from Pine Grove Dr to Pritchard Dr	Intersection Improvements	Palm Coast	Safety, System Performance	CST - \$895,988 CEI - \$89,598 (LF)	\$729,300	10%	2017	57.63	
17	SR 44(NSB) Corridor Improvements	From West of Mission Rd to Canal St	Intersection Improvements	Volusia County	Safety, System Performance	PE - \$150,000 CST - \$750,000 CEI - \$75,000	\$975,000	0%	2018	56.88	
18	Belle Terre Pkwy Corridor Improvements	from Ponce DeLeon to Point Pleasant	Intersection Improvements	Palm Coast	Safety, System Performance	CST - \$290,452 CEI - \$29,045 (LF)	\$700,700	10%	2017	55.63	
19	Sauls Street Bridge Replacement		Bridge Replacement	South Daytona	Safety, System Performance	PE - \$345,000 CST - \$1,975,388 CEI - \$185,000	\$2,505,388	10%	2020	54.83	Mixed-Use Project - also listed on Bike/Ped Tier B; Traffic Ops funding amount to be consistent w/ Traffic Ops component of project

⁶Projects ranked 1-8 on Tier "B" of the List of Prioritized Traffic Ops, Safety, and Local Initiatives Projects will be ranked in their current spot or move to the next higher spot until they are programmed and move to Tier "A"

River to Sea TPO List of Prioritized Traffic Operations, Safety, and Local Initiatives Projects

Tier "B" - Projects Ready for Funding											
Rank ⁶	Project Name	Project Limits	Description	Project Sponsor	Performance Measure	Unfunded Phase(s)	Estimated Total Project Cost ⁷	Local Match	Year Submitted	Project Score	Comments
20	Belle Terre Pkwy/Royal Palms Pkwy	At Royal Palms Pkwy	Intersection Improvements	Palm Coast	Safety, System Performance	CST - \$1,300,000 CEI - \$130,000 (LF)	\$1,867,800	10%	2017	54.38	
21	Doyle Road Paved Shoulders	from Twisted Oak Tr to Lush Ln	Paved shoulders	Volusia County	Safety	PE - \$80,000 (LF) ROW - \$255,067 CST - \$580,799 CEI - \$90,000 (LF)	\$951,183	10%	2017	50.25	
22	Fluhart Drive Roundabouts	Fluhart Dr at South Halifax and Riverside Dr	Intersection Improvements	Ormond Beach	Safety	PE - \$56,600 CST - \$282,700 CEI - \$28,300	\$367,600	10%	2017	49.88	
23	Debary Elementary Turn Lanes	Donald E Smith Blvd at Debary Elementary	Turn Lane Improvements	DeBary	Safety, System Performance	PE - \$60,000 CST - \$287,000 CEI - \$43,000	\$390,000	18%	2021	49.78	
24	Jacobs Rd Paved Shoulders and Sidewalks	from Plymouth Av to US-92	(Roundabouts)	Volusia County	Safety	PE - \$175,000 (LF) CST - \$1,958,537 CEI - \$130,000 (LF)	\$2,243,537	10%	2017	45.75	
25	Pineland Trail - Roadway Improvements	Airport Road to Broadway Ave	Roadway Improvements	Ormond Beach	Safety, System Performance	PE - \$622,215 CST - \$4,148,100 CEI - \$460,900 (LF)	\$5,761,250	10%	2019	42.60	
26	Reed Canal Park Bridge Replacement	Reed Canal Rd at Reed Canal Park	Bridge Replacement	South Daytona	Bridge/Pavement	PE - \$359,862 CST - \$2,325,744	\$2,729,487	10%	2021	40.67	

⁶Projects ranked 1-8 on Tier "B" of the List of Prioritized Traffic Ops, Safety, and Local Initiatives Projects will be ranked in their current spot or move to the next higher spot until they are programmed and move to Tier "A"

River to Sea TPO List of Prioritized Traffic Operations, Safety, and Local Initiatives Projects

Tier "C" - Projects Awaiting Feasibility Study										
Rank	Project Name	Project Limits	Description	Project Sponsor	Performance Measure	Local Match	Year Submitted	Project Score	Comments	
1	Traffic Camera Network	city-wide	ITS	South Daytona	System Performance	10%	2011	7	Install traffic monitoring system; on hold pending outcome of ITS Master Plan	
2	Madeline Ave EB and WB Turn Lane Improvements at Nova Rd	Madeline Ave at Nova Rd	Turn Lane Improvements	Port Orange	System Performance	10%	2021	14.56		
3	US 17/92 Sustainability Corridor	Star Lane to Dirksen Dr	Corridor Improvements	DeBary	Safety	0%	2021	14.22		
4	West Highbanks At US 17/92 Intersection Improvements	West Highbanks Rd at US 17/92	Intersection Improvements	DeBary	System Performance	10%	2021	13.78		
5	Fire Station 52 - Emergency Traffic Signal	3rd Ave at Firestation 52	Emergency Traffic Signal	New Smyrna Beach	Safety	10%	2019	12.91		
6	Eastport Access Improvements (Spruce Creek Rd)	Dunlawton Ave to Commonwealth Blvd	Access Improvements	Port Orange	Safety	10%	2021	12.89		
7	US 17-92 & Highbanks Road Intersection - Southbound Right	US 17-92 at Highbanks Rd	Intersection Improvements	Volusia County	System Performance	10%	2016	12.70		
8	US 1 at Halifax Ave - Traffic Signalization	US 1 at Halifax Ave	Traffic Signal	Oak Hill	Safety	10%	2019	12.64		
9	Taylor Rd/Clyde Morris Blvd Intersection Improvements	Taylor Rd at Clyde Morris Blvd	Intersection Improvements	Port Orange	System Performance	10%	2018	12.57		
10	US 17-92 & New York Av Intersection - Southbound Right Turn Lane Extension	US 17-92 at New York Av	Intersection Improvements	Volusia County	System Performance	10%	2016	12.40	See comment for Tier C, Project 6	
11	Old Mission Road Guardrail Addition	Park Av to Josephine St	Safety Improvement	Volusia County	Safety	10%	2016	12.30		
12	Flagler Ave at Peninsula Ave Intersection Improvements	Flagler Ave at Peninsula Ave	Intersection Improvements	New Smyrna Beach	System Performance	10%	2021	12.22		
13	SR 421/Dunlawton Av & Victoria Gardens Blvd Intersection - Westbound Left Turn Lane Extension	SR 421 at Victoria Gardens Blvd	Intersection Improvements	Volusia County	System Performance	10%	2016	12.20	Volusia County to request FDOT review w/ expectation that FDOT will do as push button project	
14	North Normandy Curve Realignment	Baltimore Ave and Fourwinds St	Safety Improvement	Deltona	Safety	10%	2018	12.14		
15	Signal Enhancement at SR 5/US 1 and SR 100	SR 5 at SR 100	Add protected left turn arrow	Bunnell	Safety	10%	2015	12.00		

⁷TIP Subcommittee ranked, but did not score, application submitted in 2011 for feasibility study

River to Sea TPO List of Prioritized Traffic Operations, Safety, and Local Initiatives Projects

Tier "C" - Projects Awaiting Feasibility Study

Rank	Project Name	Project Limits	Description	Project Sponsor	Performance Measure	Local Match	Year Submitted	Project Score	Comments
16	Taylor Rd at Yorktowne Blvd/Boggs Ford Rd - Eastbound Right-Turn Lane & Westbound Right-Turn Lane Extension	Taylor Rd at Yorktowne Blvd/Boggs Ford Rd	Intersection Improvements	Port Orange	System Performance	10%	2019	12.00	
17	Pioneer Trail Paved Shoulders (Tomoka Farms Rd to Airport Rd)	Tomoka Farms Rd to Airport Rd	Safety Improvements	Volusia County	Safety	10%	2016	11.80	
18	Pioneer Trail Paved Shoulders (Airport Rd to Williamson Blvd)	Airport Rd to Williamson Blvd	Safety Improvements	Volusia County	Safety	10%	2016	11.50	
19	Washington Street Roadway and Pedestrian Safety Improvements	US 1 to Riverside Dr	Safety	New Smyrna Beach	Safety	10%	2020	11.42	
20	Madeline Avenue Lane Widening	Clyde Morris Blvd to Nova Rd	Safety	Port Orange	Safety	10%	2020	11.33	
21	SR 400 (Beville Rd) Mast Arm Traffic Signals (Golfview Blvd & Magnolia Av)	SR 400 at Golfview Blvd & Magnolia Av	Traffic Signal Upgrade	Daytona Beach	System Performance	10%	2016	11.14	
22	Eastbound Madeline Avenue Left-Turn Lane at Clyde Morris Boulevard	Madeline Av at CR 483 (Clyde Morris Blvd)	Intersection improvements	Port Orange	System Performance	10%	2017	11.00	
23	Intersection of Herbert Street and Nova Rd	Herbert St at SR 5A (Nova Rd)	Intersection improvements	Port Orange	System Performance	10%	2017	11.00	
24	Taylor Rd Corridor - Operational/Safety Improvements	Hensel Rd to Devon St	Corridor Improvements	Port Orange	Safety	10%	2019	11.00	
25	East-West Neighborhood Network Improvements	south of SR 44, east of Glencoe Rd, west of Old Mission Rd	Corridor Improvements	New Smyrna Beach	System Performance	10%	2020	10.92	
26	US 1 Streetscape Improvements Phase II	McDonald Av to South City Limit	Streetscape and resurfacing	South Daytona	Pavement/Bridge	10%	2015	10.25	
27	Golfview Blvd at Big Tree Road - Traffic Signal Upgrade	Golfview Blvd at Big Tree Rd	Traffic Signal Upgrade	South Daytona	System Performance	10%	2019	8.64	
28	Magnolia Avenue Traffic Calming Island	Reed Canal Rd to Big Tree Rd	Traffic calming	South Daytona	Safety	10%	2017	6.89	
29	Reed Canal Park Wood Bridge Replacement	Reed Canal at entrance to Reed Canal Park	Bridge Replacement	South Daytona	Pavement/Bridge	10%	2015	5.25	

River to Sea TPO List of Prioritized Bicycle and Pedestrian Projects
Draft 5/17/2021

Tier "A" - Projects with One or More Phases Funded										
FM #	Project Name	Project Limits	Description	Project Sponsor	Performance Measure	Programmed Phase(s) ⁸	Unfunded Phase(s)	Estimated Total Project Cost	Local Match	Comments
4379421	East International Speedway Blvd. Beachside Corridor Improvement Project	from Halifax River to SR A1A	Corridor Improvements	Daytona Beach	Safety	PE - \$846,624 - FY 20/21 & 23/24 ROW - \$12,411,111 - FY 20/21-22/23 CST - \$6,962,269 - FY 22/23 CEI - \$935,911 - FY 22/23	None	\$23,285,375	0%	FULLY FUNDED Roundabout removed from design.
4379351	Barracuda Bv Bridge	Middle Way to Quay Assisi	Bridge	New Smyrna Beach	Safety	CST-\$3,830,547-FY 21/22 CEI-\$335,514 FY 21/22	None	\$4,470,061	25%	FULLY-FUNDED
4379361	Fifth (5th) St Bridge	Riverside Dr to Commodore Dr	Bridge	New Smyrna Beach	Safety	PE-\$4,819-FY 20/21 CST-\$2,295,532-FY 21/22 CEI-\$283,344-FY 21/22	None	\$2,583,695	25%	FULLY-FUNDED
4390371	Beville Rd Shared Use Path	Andros Isles Blvd to Clyde Morris Blvd	Trail	Daytona Beach	Safety	CST-\$2,136,595-FY 20/21 CEI-\$126,338 FY 20/21		TBD	0%	Fully-funded with local funds. Request for addl. SU funds denied.
4409061	Navy Canal Trail	Museum Blvd to Clyde Morris Blvd	Trail	Daytona Beach	Safety	CST-\$803,000-FY 25/26 CEI-\$24,597-FY 25/26		TBD	10%	\$577,027 needed for CST phase (local funds). No action needed from R2CTPO.
4435121	SR A1A Pedestrian Safety Improvements	Multiple Locations	Midblock Pedestrian Crosswalks	Ormond Beach	Safety	PE-\$15,668-FY 20/21 CST-\$2,305,626-FY 21/22 CEI-\$285,885-FY 21/22	\$3,658,829	TBD	0%	FULLY-FUNDED Funded by FDOT Safety Office
4106761	Black Bear Scenic Trail (SR 40)	SR 35 (Marion Co) to US 17 (Volusia Co)	Trail	Volusia County	Safety	PD&E-\$4,620-FY 20/21	CST - \$29,000,000	TBD	0%	Also known as SR 40 Trail
4355381	W. French Ave Shared Use Path	Spring to Spring Trail to Valentine Park	Trail	Orange City	Safety	PE-\$18,294-FY 20/21	CST-\$4,525,610	TBD	10%	Alternative design on south side French Av
4364731	Lehigh Trailhead	Palm Coast Tennis Center	Trailhead	Palm Coast	Safety	CST-\$1,583,738-FY 20/21 CEI-\$10,000-FY 20/21	None	TBD	10%	FULLY-FUNDED
4399711	Fremont Av Sidewalk	Niles St to US 1	Sidewalk	Daytona Beach	Safety	CST-\$197,014-FY 21/22 CEI-\$50,296 FY 21/22	None	\$317,935	10%	FULLY-FUNDED
4408521	Tomoka Elementary Connector Sidewalk	Main Trail to Granada Blvd	Sidewalk	Ormond Beach	Safety	PE-\$3,343-FY 20/21	CST-\$108,000 CEI-\$10,800	TBD	10%	ROW certification underway
4408531	Williamson Blvd/Hand Ave Pedestrian Improvements	Hand Ave to Regal Theater Driveway	Sidewalk	Ormond Beach	Safety	CST-\$282,509-FY 21/22 CEI-\$71,483-FY 21/22	None	\$398,325	10%	Pedestrian Signal and Sidewalk FULLY-FUNDED
4411321	SR 442 Shared Use Path	Trail Overpass to Air Park Rd	Trail and Sidewalk	Edgewater	Safety	CST \$2,615,273-FY 21/22	None	\$3,171,826	0%	FULLY FUNDED

⁸ Funds and phases programmed in prior years are not reported here, but can be found in the R2CTPO's Transportation Improvement Program (TIP)

River to Sea TPO List of Prioritized Bicycle and Pedestrian Projects

Tier "A" - Projects with One or More Phases Funded

FM #	Project Name	Project Limits	Description	Project Sponsor	Performance Measure	Programmed Phase(s) ⁸	Unfunded Phase(s)	Estimated Total Project Cost	Local Match	Comments
4432361	Derbyshire Park Area Sidewalks, Phase 1	Vine St to Nova Rd and Brentwood St to 5th St	Sidewalk	Daytona Beach	Safety	CEI \$2,988-FY 20/21	None	\$729,007	10%	FULLY FUNDED
4432362	Derbyshire Park Area Sidewalks, Phase 2	Multiple Limits	Sidewalk	Daytona Beach	Safety	CST \$789,729-FY 21/22 CEI \$142,823-FY 21/22	None	\$935,052	10%	FULLY FUNDED
4440331	Port Orange Sidewalk Gaps	Multiple Limits	Sidewalk	Port Orange	Safety	PE-\$16,348-FY 22/23	CST CEI	TBD	10%	FM #4408531, 4440331, and 4462851 Bundled
4408531	Williamson-Willow Run Bv Sidewalk	Town Park Subdivision to Chardonnay Dr	Sidewalk	Port Orange	Safety	PE-\$2,000 FY 20/21/CST-\$321,842 FY 21/22 CEI-\$5,000 FY 21/22	None	TBD	10%	FM #4408531, 4440331, and 4462851 Bundled
4450281	Providence Bv Shared Use Path	Tivoli Dr to Joyner Dr	Trail	Deltona	Safety	CST-\$3,238;710 FY 25/26 CEI-\$334,235 FY 25/26	None	\$3,577,945	33%	Phase 2 trail segment FULLY FUNDED
4450282	Providence Bv Shared Use Path	Perimeter Dr to Alexander Av	Trail	Deltona	Safety	CST-\$939,320 FY 21/22 CEI-\$143,898 FY 21/22	None	\$1,104,218	33%	Phase 1 trail segment FULLY FUNDED
4458081	Deltona School Crosswalk Embedded Lights	Multiple Limits	Crosswalk Lights	Deltona	Safety	CST-\$27,300 FY 20/21	CEI	\$800,000	33%	FULLY FUNDED
4462851	Willow Run Bv Sidewalk	Harms Way to Clyde Morris Bv	Sidewalk	Port Orange	Safety	PE-\$120,000 FY 22/23	CST \$395,181, CEI \$59,277	TBD	10%	FM #4408531, 4440331, and 4462851 Bundled
4470191	Reed Canal Rd Sidewalk	Nova Rd to US 1	Sidewalk	South Daytona	Safety	PE-45,737 FY 23/24	CST	\$2,568,006	10%	
4475171	SUR2C Wayfinding Signage Project	Multiple Limits	Signage	Volusia County	Safety	PE-\$138,590 FY 22/23 CST-\$358,469 FY 24/25 CEI-\$5,000 FY 24/25	None	\$498,319	10%	FULLY FUNDED

⁸ Funds and phases programmed in prior years are not reported here, but can be found in the R2CTPO's Transportation Improvement Program (TIP)

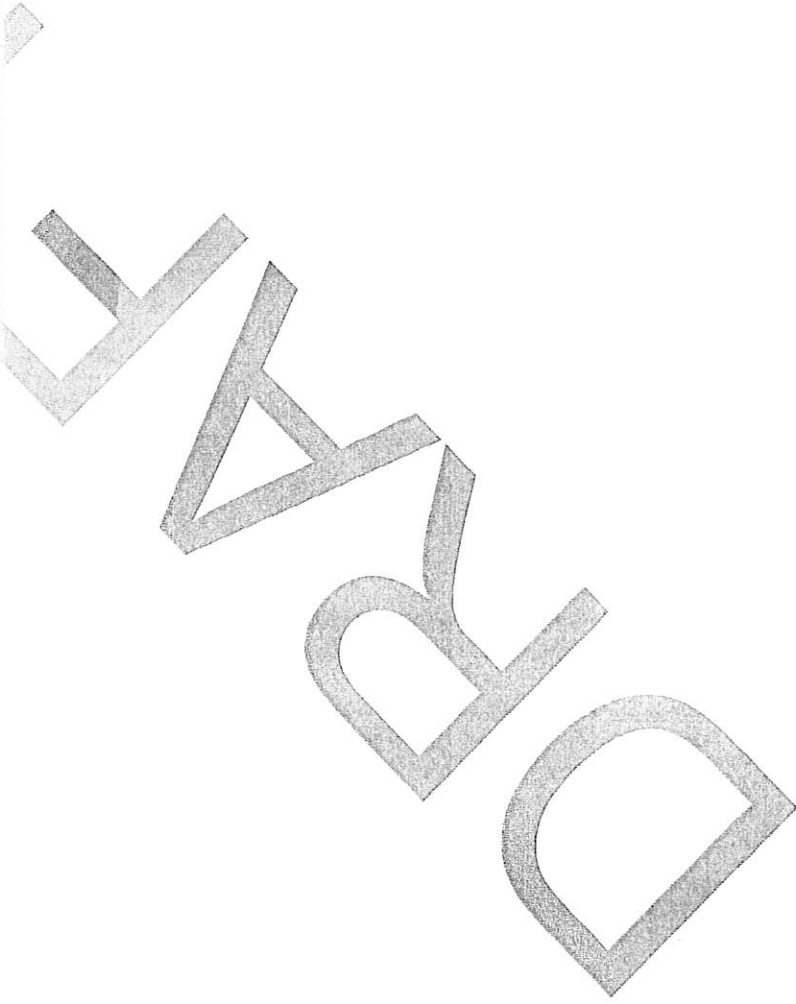
River to Sea TPO List of Prioritized Bicycle and Pedestrian Projects

Tier "B" - Projects Ready for Funding												
Rank ⁹	Project Name	Project Limits	Description	Project Sponsor	Performance Measure	Unfunded Phase(s)	Estimated Total Project Cost	Local Match	Year Submitted	Project Score	Comments	
1	Golfview Shared Use Path	Big Tree Rd to Beville Rd	Trail	South Daytona	Safety	PE-\$58,000 CST-\$424,625 CEI-\$42,463	\$515,820	10%	2021	75.50	FDOT intake meeting needed.	
2	North US 1 Sidewalk	Airport Rd to Broadway Av	Sidewalk	Ormond Beach	Safety	PE-\$400,000 CST-\$2,761,400 CEI-\$260,000	\$3,267,500	0%	2019	73.14	FDOT intake meeting needed.	
3	Ponce Inlet Mobility Project	Lighthouse Dr to north town limit	Sidewalk	Ponce Inlet	Safety	PE-\$823,774 ROW-\$175,940 CST-\$2,745,915 CEI-\$411,887	\$4,157,516	15%	2019	72.00	FDOT intake meeting needed.	
4	N Nova Rd Corridor Improvements	SR 40 to US 1	Complete Street	Ormond Beach	Safety	PE-\$461,000 CST-\$3,077,000 CEI-\$307,700	\$3,845,700	0%	2019	71.43	FDOT intake meeting needed.	
5	Halifax River/East Coast Greenway Trail	Orange Ave to VM Bridge (Phase 1); VM Bridge to ISB (Phase 2)	Trail	Daytona Beach	Safety	CST-\$340,788 (P1) CST-\$417,770 (P2) CEI-\$68,158 (P1) CEI-\$83,554 (P2)	TBD	10%	2016	70.67	FDOT intake meeting needed. AKA Sweetheart Trail Loop	
6	Sauls St Bridge	Over Reed Canal	Bridge	South Daytona	Safety	PE-\$345,000 CST-\$1,975,388 CEI-\$185,000	\$2,527,712	10%	2020	68.33	FDOT intake meeting needed.	
7	Fort Florida Rd Trail	Barwick Rd to Railroad Tracks	Trail	DeBary	Safety	CST-\$650,000 CEI-\$98,000	\$1,078,000	15%	2021	67.75		
8	Graham Swamp Trail Gap, Phase 2	Lehigh Trail to Graham Swamp Trail head	Trail	Palm Coast	Safety	PE-\$350,000 CST-\$2,450,000 CEI-\$245,000	\$2,800,000	10%	2017	66.75		
9	US 1 Sidewalk	Airport Rd to Wilmette Ave	Sidewalk	Ormond Beach	Safety	CEI-\$250,000	\$1,481,700	0%	2015	65.00		
10	Madeline Av Trail, Phase 1	Clyde Morris Bv to Nova Rd	Trail and Sidewalk	Port Orange	Safety	PE-\$485,000 CST-\$1,560,132	\$2,376,441	10%	2019	64.29		
11	Derbyshire Park Trail	Internal to Derbyshire Park	Trail	Daytona Beach	Safety	CST-\$621,480	\$825,105	10%	2014	63.50		
12	Madeline Av Trail, Phase 2	Williamson Bv to Clyde Morris Bv	Trail and Sidewalk	Port Orange	Safety	PE-\$604,500 CST-\$2,049,090	\$2,798,815	10%	2019	62.86		
13	Air Park Rd Sidewalk	30th St to SR 442	Sidewalk	Edgewater	Safety	PE-\$215,473 CST-\$1,740,085 CEI-\$40,000	\$1,995,558	10%	2021	61.00		
14	Turnbull Bay Rd Trail	Fairgreen Ave to Industrial Park Ave	Trail	New Smyrna Beach	Safety	PE-\$102,976 CST-\$541,882 CEI-\$51,488	\$821,762	10%	2018	60.20		

⁹ Projects ranked 1-3 on Tier "B" of the Bicycle Pedestrian Project List are protected and remain in their current spot or move to the next higher spot until they are programmed in Tier "A".

River to Sea TPO List of Prioritized Bicycle and Pedestrian Projects

Tier "B" - Projects Ready for Funding											
Rank ⁹	Project Name	Project Limits	Description	Project Sponsor	Performance Measure	Unfunded Phase(s)	Estimated Total Project Cost	Local Match	Year Submitted	Project Score	Comments
15	APS & Sidewalks along Dunlawton & Nova Rds	Multiple Limits	Sidewalks	Port Orange	Safety	PE-\$927,052 CST-\$1,706,056 CEI-\$238,487	\$2,891,595	10%	2021	55.75	
16	County Rd 3 Shared Use Path	Washington Ave to Palmetto Ave	Trail	Pierson	Safety	CST-\$1,042,236	\$2,169,000	10%	2018	51.40	
17	Tarragona Way Sidewalk	Australia St to Museum St	Sidewalk	Daytona Beach	Safety	CST-TBD	TBD	10%	2006	35.00	PE is locally funded



⁹ Projects ranked 1-3 on Tier "B" of the Bicycle Pedestrian Project List are protected and remain in their current spot or move to the next higher spot until they are programmed in Tier "A".

River to Sea TPO List of Prioritized Bicycle and Pedestrian Projects

Tier "C" - Projects Awaiting Feasibility Study

Rank	Project Name	Project Limits	Description	Project Sponsor	Performance Measure	Local Match	Year Submitted	Project Score	Comments
1	Peninsula Dr Sidewalk and Signage	Multiple Limits	Sidewalk	Port Orange	Safety	10%	2020	67.50	
2	North Causeway Pedestrian Crossing	North Causeway @ Quay Assist	Pedestrian Crossing	New Smyrna Beach	Safety	10%	2020	62.00	
3	Magnolia Ave Shared Use Path	Reed Canal Rd to Beville Rd	Trail	South Daytona	Safety	10%	2015	56.30	
4	South St Trail	Turnbull Bay Rd to US 1	Trail	New Smyrna Beach	Safety	10%	2017	56.25	
5	Spruce Creek Road Sidewalk Gaps	Oak River Dr to Commonwealth Bv	Sidewalk	Port Orange	Safety	10%	2021	55.75	
6	Ocean Ave Sidewalk	S. Peninsula Ave to S. Atlantic Ave	Sidewalk	New Smyrna Beach	Safety	10%	2017	52.25	
7	South Daytona Elementary Sidewalk Expansion	Multiple Limits	Sidewalk	South Daytona	Safety	10%	2018	52.00	
8	Hickory Bluff Preserve Trail	Hickory Bluff Preserve to Maytown Rd	Trail	Volusia County	Safety	10%	2018	48.75	
9	Art Center Blvd Sidewalk	Sundance Trail to US 1	Sidewalk	New Smyrna Beach	Safety	10%	2017	44.00	
10	Volusia Gap	US 17-92 Bridge to Spring to Spring Trail	Trail	Volusia County	Safety	10%	2014	43.00	

River to Sea TPO List of Shared Use Nonmotorized (SUN) Trail Projects
Draft 5/17/2021

<i>Tier "A" - Projects with One or More Phases Funded</i>										
Regional Trail System	FM #	County	Project Name	Project Limits	Description	Project Sponsor	Programmed Phase(s)	Unfunded Phase(s)	Estimated Total Project Cost	Comments
SJR2C	4390393	Volusia	Spring to Spring Gap: DeBary (Phase 3B)	US 17/92 from Benson Junction Rd to W. Highbanks Rd	Trail	Volusia County	CST \$2,225,000 FY 20/21	None	\$3,000,000	FULLY-FUNDED
SJR2C	4390396	Volusia	Spring to Spring Gap: DeBary (Phase 3C)	W Highbanks Rd to DeBary Plantation Bv	Trail	Volusia County	CST-\$1,173,000-FY 23/24	None	\$1,500,000	FULLY-FUNDED
C2C, HOF	4391951	Volusia	Coast to Coast Gap: DeBary	Fort Florida Rd to Coast to Coast Trail	Trail	Volusia County	CST \$225,000 FY 20/21	None	\$500,000	FULLY-FUNDED
SJR2C	4398622	Volusia	Oak Hill to Edgewater: US 1	US 1 to Dale Ave	Trail	Volusia County	PE-\$2,349,000-FY 20/21 CST-\$6,891,281-FY 22/23	None	\$8,238,945	FULLY-FUNDED
SJR2C	4398641	Volusia	New Smyrna Gap: Myrtle Av	10 th St to SR 44/Lytle Av	Trail	New Smyrna Beach	PE-\$95,565-FY 2021/22 ROW-\$388,764-FY 20/21-21/22 CST-\$1,665,678-FY 23/24 CEI-\$243,356-FY 23/24	None	TBD	
SJR2C	4398652	Volusia	Palmetto Av Gap	Ridge Bv to Beville Rd	Trail	South Daytona	PE-\$50,000-FY 23/24 CST-\$1,455,075 FY 24/25 CEI-\$156,100 FY 24/25	None	TBD	FULLY-FUNDED
SJR2C	4398653	Volusia	Spruce Creek Rd Gap	S of Selin Cir to Herbert St	Trail	Port Orange	PE-\$200,000-FY 20/21 CST-\$421,600-FY 22/23	None	TBD	FULLY-FUNDED
SJR2C	4398654	Volusia	South Daytona Gap	Sauls St/McDonald Rd to Carmen Dr/Ridge Bv	Trail	South Daytona	PE-\$981,116-FY 20/21	CST	TBD	
SJR2C	4398742	Volusia	Spring to Spring Gap: DeLand	Lake Beresford Park to Old New York Av	Trail	Volusia County	PE-\$1,179,193-FY 20/21	CST	TBD	
SJR2C	4398743	Volusia	Spring to Spring Gap: DeLand	Old New York Av to SR 44	Trail	Volusia County	PE-\$428,798-FY 20/21	CST	TBD	
SJR2C	4398744	Volusia	Spring to Spring Gap: DeLand	SR 44 to Grand Av Trailhead	Trail	Volusia County	PE-\$535,997-FY 20/21	CST	TBD	
SJR2C	4398761	Volusia	SR 15 (US 17)	SR 40 to Putnam County Line	Trail	Volusia County	PE-\$2,840,000-FY 20/21	CST	TBD	
SJR2C	447963-1	Volusia	New Smyrna Gap: SR 44 to US 1	SR 44/Lytle Av to US 1	Trail	Volusia County/NSB	PE-\$750,000-FY 25/26	PE, CST	TBD	PD&E Study

River to Sea TPO List of Prioritized Shared-Use Nonmotorized (SUN) Trail Projects

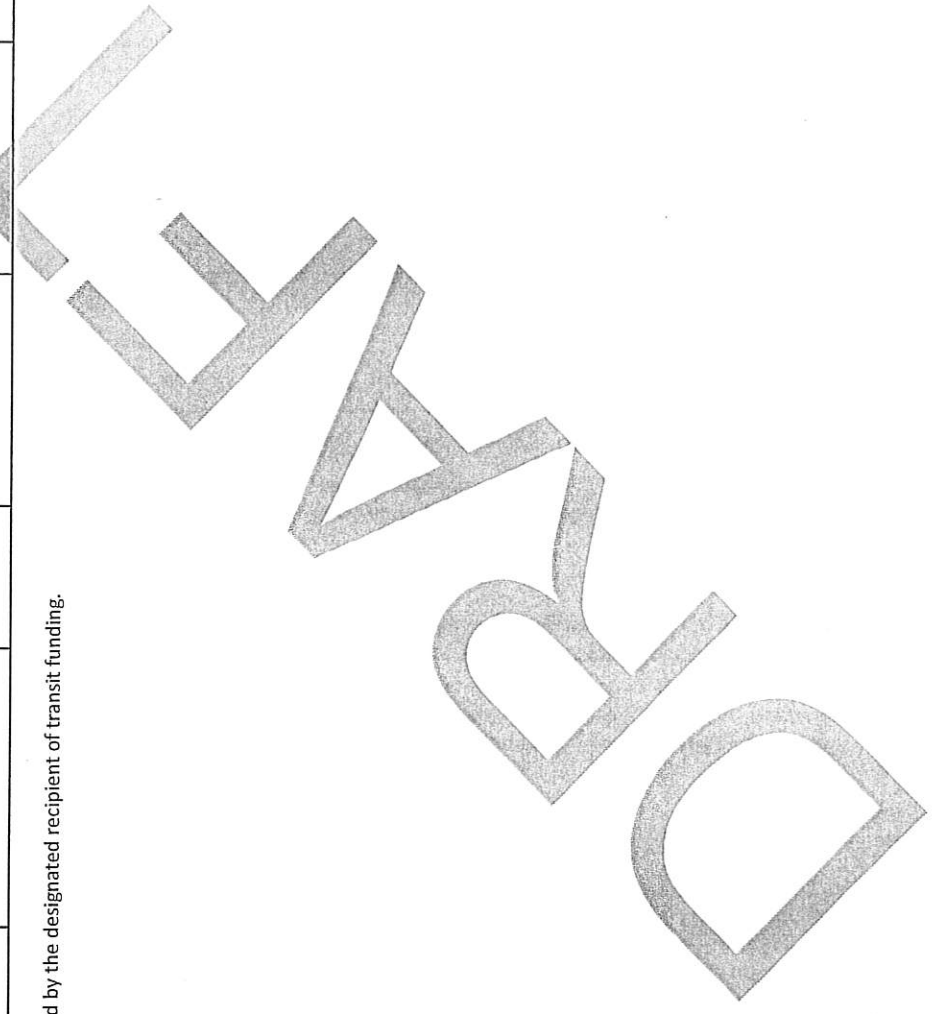
Tier "B" - Projects Ready for Funding

Regional Trail System	FM #	County	Project Name	Project Limits	Description	Project Sponsor	Programmed Phase(s)	Unfunded Phase(s)	Estimated Total Project Cost	Comments
SJR2C, HOF	4102511	Volusia	US 17 Trail	W. Baxter St to SR 40	Trail	Volusia County	none	CST	TBD	Included in roadway widening project Deferred to FY 2029/30
SJR2C	4398721	Volusia	Ormond Beach Gap: SR 40	Cassen Park to A1A	Trail	Ormond Beach	none	PE, CST	TBD	
SJR2C	4398741	Volusia	Spring to Spring Gap: DeLand	Lake Beresford Park to Grand Av	Trail	Volusia County	none	ROW, CST	TBD	

River to Sea TPO List of Prioritized Transit Projects
Draft 5/17/2021

Rank	FM #	Project Name	Project Limits	Description	Programmed Phase(s) ¹⁰	Unfunded Phase(s)	Estimated Total Project Cost	Comments
1	--	Commuter Rail - Sunrail Phase 2 North Expansion	DeBary Station to DeLand Station	Rail	PE - \$1,875,425 ROW - \$331,432 CST - \$42,761,405		\$44,968,262	Estimated Completion - end of 2023

Note: Transit projects are typically identified by the designated recipient of transit funding.



¹⁰Programmed Phases in prior years are not reported here, but can be found in the R2CTPO's Transportation Improvement Program (TIP)

**River to Sea TPO List of Prioritized Planning Studies
DRAFT 5/17/2021**

Rank	FM #	Project Name	Project Limits	Project Sponsor	Programmed (Year)	Estimated Total Project Cost	Year Submitted	Project Score	Comments
1	--	Mason Avenue Corridor Study	from Riverside Dr to Williamson Blvd	Daytona Beach	--	\$75,000	2015	35.75	Project Scope Under Development
2	--	North US 1 Corridor Improvement Study	Granada Blvd to the Flagler County Line	Ormond Beach	--	\$250,000	2021	36.56	
3	--	Beresford Avenue Extension	from Kepler Rd to SR 44	DeLand	--	\$100,000	2015	34.88	Related to Traffic Ops, Tier A Project - SR 44/Kepler Rd Roundabout - FM# 4319221
4	--	LPGA Blvd Corridor Management Plan	LPGA Blvd from US 92 to SR 5A (Nova Rd)	Volusia County	--	\$80,000	2017	33.56	US 92 to Williamson Blvd included in I-95/LPGA Blvd PDE Study (SIS List #6)
5	--	N Normandy Blvd Corridor Improvement Study	from Graves Ave to Firwood Dr	Deltona	--	\$75,000	2018	32.86	
6	--	Beachside Neighborhood Pedestrian Safety, Mobility & Access	beachside in Daytona Beach	Daytona Beach	--	\$75,000	2015	32.5	Assess safety, mobility & access with focus on connections to A1A & beach
7	--	Ft Florida Rd Planning Study	US 17	DeBary	--	\$24,900	2016	31.83	
8	--	DeBary Village Center Corridor Improvement Study	from Highbanks Rd at US 17-92 to Plantation Rd at US 17-92.	DeBary	--	\$23,500	2017	31.78	
9	--	Hand Avenue Extension	Westerly extension from Williamson Blvd across I-95; including widening of Hand Ave from Shangri-La Dr to Williamson Blvd.	Ormond Beach	--	\$500,000	2018	30.88	
10	--	West extension of DeLand Greenway	From Alabama Greenway Trail to Spring to Spring Trail	DeLand	--	\$25,000 to \$55,000	2017	29.89	Multiple alignments between Minnesota Av and Euclid Av will be considered
11	--	Saxon Blvd Flyover	from I-4 to North Normandy Blvd in the Saxon Blvd area	Deltona	--	\$75,000	2018	29.71	
12	--	Blue Smyrna Smart Ride Shuttle Service	Loop Route along SR 44, Atlantic Avenue, Flagler Avenue, North Causeway Blvd., SR 44 Business (Canal Street)	New Smyrna Beach	--	\$50,000	2020	29	
13	--	New Smyrna Beach US 1 Complete Streets	South city limit to north city limit	New Smyrna Beach	--	\$64,000	2016	27.5	
14	--	Flagler Beach Multi-Modal Hub Study	City-wide	Flagler Beach	--	\$150,000	2017	25.44	
15	--	Daytona Beach Bicycle & Pedestrian Master Plan	City-wide	Daytona Beach	--	\$115,000	2015	24.75	

River to Sea TPO List of SU Funded Planning Studies

UPWP Task No.	FM #	Project Name	Funding Source-Amount-Year	Comments
2.03	--	2021 Transportation Congestion Management Process	SU - \$87,060 - FY 20/21 to FY 21/22	
3.02	4046181	Bicycle/Pedestrian Feasibility Studies	SU - \$104,824 - FY 21/22	Per TPO Policy, \$100,000 per year of the Bicycle/Pedestrian TMA allocation is set aside to conduct Bicycle/Pedestrian Feasibility Studies for local governments; FY 21/22 funding amount includes \$4,824 carry over from FY 20/21
2.05	4204331	Traffic Operations Feasibility Studies	SU - \$117,504 - FY 21/22	Per TPO Policy, \$100,000 per year of the Traffic Operations TMA allocation is set aside to conduct Traffic Operations Feasibility Studies for local governments; FY 21/22 funding amount includes \$17,504 carry over from FY 20/21