



MEETING NOTICE & AGENDA

Please be advised that the River to Sea Transportation Planning Organization (R2CTPO) **TIP SUBCOMMITTEE** will be meeting on:

DATE: Thursday, May 22, 2014

TIME: 9:00 a.m.

PLACE: River to Sea TPO

2570 W. International Speedway Blvd., Suite 100 (Conference Room)
Daytona Beach, Florida 32114-8145

AGENDA

- I. **CALL TO ORDER/ROLL CALL/DETERMINATION OF QUORUM/PLEDGE OF ALLEGIANCE**
- II. **PUBLIC COMMENT/PARTICIPATION** *(length of time at the discretion of the chairman)*
- III. **ACTION ITEMS**
 - A. **Selection of TIP Subcommittee Chairperson and Vice Chairperson** *(contact Bob Keeth)*
 - B. **Evaluation & Ranking of Project Applications for XU Traffic Operations/ITS/Safety Funding** *(contact Bob Keeth) (scoring criteria are attached; project applications to be provided under separate cover)*
 - C. **Evaluation & Ranking of Project Applications for Transportation Alternatives Program (TAP) Funding** *(contact Bob Keeth) (scoring criteria are attached; project applications to be provided under separate cover)*
- IV. **R2CTPO STAFF COMMENTS**
- V. **TIP SUBCOMMITTEE MEMBER COMMENTS**
- VI. **ADJOURNMENT**

TIP Subcommittee Members:

Bobby Ball
Judy Craig
Colleen Nicoulin
Melissa Winsett

Gilles Blais
Tom Harowski
Ron Paradise

Jon Cheney
Scott Leisen
Bob Storke

May 15, 2014

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cc: TCC, CAC, BPAC Members
Claudia Calzaretta, FDOT
Press

Note: Individuals covered by the Americans with Disabilities Act of 1990 in need of accommodations for this public meeting should contact the River to Sea TPO office, 2570 W. International Speedway Blvd., Daytona Beach, Florida 32114-8145, (386) 226-0422, extension 20416 at least five (5) working days prior to the meeting date.



**MEETING SUMMARY
(TIP SUBCOMMITTEE)
MAY 22, 2014**

III. ACTION ITEMS

A. SELECTION OF TIP SUBCOMMITTEE CHAIRPERSON AND VICE CHAIRPERSON

Background Information:

Although the bylaws do not require selection of a chairperson for subcommittees, it is advisable to do so in order to ensure that meetings will be conducted in an orderly and effective manner. It is also advisable to select a vice chairperson to conduct the meetings in the absence of the chairperson.

The previous chairperson was Bill McCord; the previous vice chairperson was Clay Ervin.

ACTION REQUESTED:

SELECT A TIP SUBCOMMITTEE CHAIRPERSON AND VICE CHAIRPERSON

**MEETING SUMMARY
(TIP SUBCOMMITTEE)
MAY 22, 2014**

III. ACTION ITEMS

B. EVALUATION AND RANKING OF PROJECT APPLICATIONS FOR XU TRAFFIC OPERATIONS/ITS/SAFETY FUNDING

Background Information:

Interested parties were invited to submit project applications for XU Traffic Operations/ITS/Safety funding on or before May 9, 2014. Five applications were received, all for feasibility studies.

The TIP Subcommittee is expected to create a draft list of priority projects for review by the CAC and TCC on Tuesday, June 17, 2014.

The following documents have been provided with this agenda packet for reference purposes:

- 2014 Priority Process Schedule
- Current Priority Project Lists (adopted August 28, 2013)

Completed project applications are available for download from the R2CTPO file transfer site at the following link:

<https://www3.mydocsonline.com/Share.aspx?bce3f70f> (feasibility study applications)

S-14-BU-Traffic Signal at Entrance to Government Services Building.pdf

S-14-DB-Roundabout at US 92 and Peninsula Dr.pdf

S-14-DB-Roundabout at US 92 and SR A1A.pdf

S-14-ED-Turgot Av Turn Lane.pdf

S-14-PC-Belle Terre Turn Lanes.pdf

ACTION REQUESTED:

RECOMMEND APPROVAL OF A RANKED LIST OF PROJECT APPLICATIONS FOR XU TRAFFIC OPERATIONS/ITS/SAFETY FUNDING

**MEETING SUMMARY
(TIP SUBCOMMITTEE)
MAY 22, 2014**

III. ACTION ITEMS

C. EVALUATION AND RANKING OF PROJECT APPLICATIONS FOR TRANSPORTATION ALTERNATIVES PROGRAM FUNDING

Background Information:

Interested parties were invited to submit project applications for Transportation Alternatives Program (TAP) funding on or before May 9, 2014. Four applications were received, including one to be considered for placement on the TAP Regional Trails List.

The TIP Subcommittee is expected to create a draft list of priority projects for review by the CAC and TCC on Tuesday, June 17, 2014.

The following documents have been provided with this agenda packet for reference purposes:

- 2014 Priority Process Schedule
- Current Priority Project Lists (adopted August 28, 2013)

Completed project applications are available for download from the R2CTPO file transfer site at the following link:

<https://www3.mydocsonline.com/Share.aspx?d410baa7>

14-DB-Derbyshire Park Trail and Sidewalk.pdf

14-DB-Navy Canal-Museum Blvd Trail.pdf

14-PC-Lehigh Trail Trailhead.pdf

14-VC-Gap Segment 2 US 17_92 Bridge to Coast-to-Coast Connector Trail.pdf (**Regional Trail**)

ACTION REQUESTED:

RECOMMEND APPROVAL OF A RANKED LIST OF PROJECT APPLICATIONS FOR TRAFFIC ALTERNATIVES PROGRAM (TAP) FUNDING



2014 Priority Project Process Schedule [\(Revised 2/24/2014\)](#)

February 2014

- TPO staff issues **call for new projects** – application packets sent out to all interested parties (Monday, February 3).
- **Except as noted below, local governments are NOT required to submit a new application for a candidate project already on the VTPO's List of Priority Projects (LOPP). However, if a local government would like for its project(s) to remain on a list for funding, that local government must submit a letter to the VTPO reaffirming its support for the project(s). Candidate projects on the list of projects ready for Feasibility Study will not be moved to the list of projects ready for Project Implementation until a Feasibility Study has been completed AND the local government has submitted an application for Project Implementation to the VTPO.**
- TPO staff hosts **workshops** with local governments to discuss the Priority Project process and application requirements: East Volusia and West Volusia (scheduled February 20).

April 2014

May 2014

- **Deadline** to submit Priority Project applications and/or letters of support for “candidate project(s)” **5:00 p.m. Friday, May 9, 2014.**
- BPAC Project Review Subcommittee meets to rank XU Bicycle/Pedestrian projects (Wednesday, May 21).
- TIP Subcommittee (TCC/CAC/BPAC) meets to rank Traffic Ops/ITS/Safety and Transportation Alternatives projects (Thursday, May 22).

June 2014

- BPAC review of draft lists of XU Bicycle/Pedestrian and Transportation Alternatives Priority Projects (Wednesday, June 11)
- CAC review of draft lists of Traffic Ops/ITS/Safety and Transportation Alternatives Priority Projects (Tuesday, June 17)
- TCC review of draft lists of Traffic Ops/ITS/Safety and Transportation Alternatives Priority Projects (Tuesday, June 17)
- TPO 1st review of draft List of Priority Projects (Wednesday, June 25)

July 2014

- 30-day public notice for public to review the draft List of Priority Projects (Friday, July 25)

August 2014

- TPO Board holds a Public Hearing on the Draft List of Priority Projects (Wednesday, August 27)
- **TPO Board adopts List of Priority Projects** (Wednesday, August 27)
- TPO staff compiles all of the priority project information (including the adopted List of Priority Projects and project scopes) and transmits this information to FDOT prior to the October 1, 2014 deadline



Volusia Transportation Planning Organization

2013 PRIORITY PROJECT LISTS

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Volusia TPO List of Prioritized Strategic Intermodal System (SIS) Projects

ADOPTED August 28, 2013

Priority Rank	VTPO Project Number	FDOT FM#	Project Name	Project Limits	Project Type	Completed Phases	Programmed Phases	Estimated Total Project Cost	Comment
1	P10a-201-01	2427152	I-95/I-4 Systems Interchange		interchange upgrade	PD&E, ENV	ROW (FY 2012/13 - \$4,505,000; FY 2015/16 - \$34,265,762)	\$247,084,471 ²	PE is underway
2	P10a-202-01	4068696	I-95 widening (4 lanes to 6)	from SR 400 (Beville Rd) to SR 44	widening	PD&E, PE	ROW (2011/12); CST (2014/15 - \$98,992,606)	\$113,983,769	Includes I-95/SR 421 interchange improvements previously identified as separate project FM # 4068697); FULLY-FUNDED
3	P10a-204-01	4068694 & 4068698	I-95 widening (4 lanes to 6)	from Brevard County to 0.5 mile north of SR 44	widening	PD&E, PE, ROW	CST (FY 2011/12 - \$90,730,425, FY 2014/15 - \$317,376, FY 2015/16 - \$43,858,816)	\$134,906,617 (including portion in Brevard County)	Included in Brevard County widening project (4068698); FULLY-FUNDED
4	P10a-205-01	4102511	SR 15 (US 17) widening (2 lanes to 4)	from Ponce de Leon Blvd to SR 40	widening	PD&E, PE, ENV	ROW (2014/15 - \$12,517,287)	\$44,800,000 ²	-
5	P11a-201-01	4289471	SR 40 widening (4 lanes to 6)	Williamson to Breakaway Tr	widening	PD&E		\$19,500,000 ^{1,2}	-
6	P10a-206-01	2408371	SR 40 widening (2 lanes to 4)	Cone Rd to SR 11	widening	PD&E, PE	ENV (2012/13 - \$2,531,652)	\$69,400,000 ²	-
7	P10a-207-01	2408361	SR 40 widening (2 lanes to 4)	from SR 11 to SR 15 (US 17)	widening	PD&E	PE (2013/14), ENV (2014/15), ROW (2013/14 - \$3,250,000, 2014/15 - \$4,200,000)	\$69,200,000 ²	-
8	P11a-203-01	4336691	SR 15 (US 17) widening (2 lanes to 4)	from SR 40 to Putnam County	PD&E study	-	PD&E (2014/15 - \$1,810,000)	-	-
9	P12s-202-01	4084642	I-4 widening to 10 lanes to accommodate 4 managed-use (variable toll) lanes	Volusia/Seminole county line to 1/2 mile east of SR 472	widening	PD&E ³	PD&E (2012/13 - \$4,618,727); PE (2014/15 - \$2,220,000 and 2015/16 - \$4,180,000)	\$681,292,000 ²	

Volusia TPO List of Prioritized SIS Projects – Continued...

Priority Rank	VTPO Project Number	FDOT FM#	Project Name	Project Limits	Project Type	Completed Phases	Programmed Phases	Estimated Total Project Cost	Comment
10	P12s-201-01	4337181	Alternatives Analysis for a Mass Transit Connection between SunRail and Daytona Beach International Airport	from SunRail to Daytona Beach International Airport	study		PLN (2014/15 - \$3,000,000)	\$2,052,000 (planning only)	This project is also included on the List of Prioritized Transit Projects; included in draft FY 2013/14 - FY 2017/18 TIP

¹ \$19,500,000 is amount of public funding allocated in the LRTP for widening SR 40 from I-95 to Breakaway Trail. It is expected that an equal amount will be funded with developer contributions.

² Year of expenditure cost.

³ A PD&E study was undertaken previously and is currently being updated along with a revenue study.

Projects which are ranked one through five on the Prioritized List of Florida Strategic Intermodal System (SIS) Roadway Projects will remain in their current spot or move to the next available higher spot until they are completed and drop out of the Work Program.

Volusia TPO List of Prioritized Regionally Significant, Non-SIS Roadway Projects

ADOPTED August 28, 2013

Priority Ranking	VTPO Project Number	FDOT FM#	Project Name	Project Limits	Project Type	Completed Phases	Programmed Phases	Estimated Total Project Cost	Comments
1			US 1 AIS Recommendations (7 intersections from the US 1 AIS) ³	SR 5 (US 1) at Park Av (only intersection of the 7 not yet funded)	intersection improvements		-	\$9,000,000 ¹	-
	P10a-210-02 (SR 421); p10a-210-09 (Herbert)	2409922 ⁴	SR 5 (US 1) at SR 421 (Dunlawton Av) and Herbert St Intersection Improvements	SR 5 (US 1) at SR 421 (Dunlawton Av) and Herbert St		PE	CST (2013/14 - \$152,034)	\$528,000 ¹	2012 study recommended add bike lanes at Dunlawton, add eastbound to southbound right turn lane at Herbert St, and improve signal coordination between intersections; FULLY-FUNDED
	P10a-210-05	2409925	SR 5 (US 1) at Canal Street Intersection Improvements	SR 5 (US 1) at Canal St		PE	ROW (2014/15 - \$1,913,000) and CST (2017/18 - \$4,288,403)	\$7,383,335	
	P10a-210-08	2409927	SR 5 (US 1) at Reed Canal Rd Intersection Improvements	SR 5 (US 1) at Reed Canal Rd		PE	ROW (2014/15 - \$1,686,000) and CST (2017/18 - \$1,182,929)	\$3,419,200	
	P10a-210-06	2409928	SR 5 (US 1) at Big Tree Rd Intersection Improvements	SR 5 (US 1) at Big Tree Rd		PE	ROW (2014/15 - \$268,000) and CST (2017/18 - 1,228,703)	\$1,868,751	
	P10a-210-07	2409929	SR 5 (US 1) at LPGA Blvd Intersection Improvements	SR 5 (US 1) at LPGA Blvd		-	PE (2012/13) and CST (2014/15 - 488,060)	\$648,146	PE is currently underway
2	P10a-205-01	4102511	SR 15 (US 17) widening (2 lanes to 4)	from Ponce de Leon Blvd to SR 40	widening	PD&E, PE, ENV	ROW (2014/15 - \$12,444,357)	\$44,800,000 ¹	-
3	P10a-212-01	4081781	SR 483 (Clyde Morris Blvd) widening (4 lanes to 6)	from SR 400 (Beville Rd) to SR 600 (US 92 - International Speedway Blvd)	widening	PD&E, PE, ENV	ROW (FY 2017/18 - \$28,328,500)	\$66,400,000 ¹	-
4	P10a-213-01	4197721	I-95/SR 5 (US 1) Interchange Ramp Modification (Ormond Crossings)	-	ramp modifications	-	-	\$11,900,000 ⁵	-
5	P11a-208-01	-	SR 44 Misc. Improvements	between SR 15A and SunRail Station	misc. upgrades to improve access to the SunRail station	-	-	\$19,100,000 ¹	-

Volusia TPO List of Prioritized Regionally Significant, Non-SIS Roadway Projects – Continued...

Priority Ranking	VTPO Project Number	FDOT FM#	Project Name	Project Limits	Project Type	Completed Phases	Programmed Phases	Estimated Total Project Cost	Comments
6	P11a-209-01	4226271	SR 600 (US 92) widening (4 lanes to 6)	from I-4 EB Ramps to SR 600 (US 92) to CR 415 (Tomoka Farms Rd)	widening	PD&E	ENV (2013/14 - \$600,000)	\$18,600,000 ⁶	PE is currently underway
7	P11a-210-01	4336681	SR 472 widening (4 lanes to 6)	from Graves Av to Kentucky/MLK Blvd	widening	-	PD&E (2014/15 - \$810,000)	\$26,200,000 ¹	-
8	P11a-212-01	-	SR 44 widening (2 lanes to 4)	from Voorhis Av to Kepler Rd	widening	-	-	\$4,500,000 ¹	-
9	P11a-203-01	4336691	SR 15 (US 17) widening (2 lanes to 4)	from SR 40 to Putnam County	PD&E study	-	PD&E (2014/15 - \$1,810,000)	-	-

¹ Year of expenditure cost

² Present day cost (2012)

³ This #1 ranked project originally included 15 intersections from the US 1 Arterial Investment Study (AIS). As modified by the Volusia TPO Board by adoption of the 2035 Long Range Transportation Plan on 9/28/2010, the project now includes 7 of the intersections in both Tiers 1 and 2 that have not been fully funded through construction yet. These 7 intersections are LPGA Blvd, Big Tree Rd, Reed Canal Rd, Herbert St, SR 421 (Dunlawton Av), SR 44 (Canal St) and Park Av. They are being funded by FDOT as individual projects. Only Park Av has not yet been programmed.

⁴ Two intersections, US 1 at SR 421 (Dunlawton) and US 1 at Herbert St, were combined as one project under FM# 2409922.

⁵ \$11,900,000 is the amount of public funding allocated in the LRTP for this project. It is expected that an equal amount will be funded by private contributions.

⁶ \$18,600,000 is the amount of public funding allocated in the LRTP for this project. It is expected that private contributions will fund the balance of the estimated \$35,808,000 (2009) total cost.

Projects which are ranked one through five on the Prioritized List of Regionally Significant Non-SIS Roadway Projects will remain in their current spot or move to the next available higher spot until they are completed and drop out of the Work Program.

Volusia TPO List of Prioritized XU Traffic Operations/ITS/Safety Projects

ADOPTED August 28, 2013

“A” List – Projects with One or More Phases Funded

Priority Ranking	VTPO Project Number	FDOT FM#	Project Name	Project Limits	Project Type	Project Sponsor	Completed Phases	Programmed Phases	Estimated Total Project Cost	Year Submitted	Comments
1	P10a-102-01	4301761	Pioneer Trail at Turnbull Bay Rd Curve Redesign	Pioneer Trail @ Turnbull Bay Rd	Roadway realignment	Volusia County	PE (\$185,000) ROW (\$550,000)	CST - FY 13/14 (\$1,409,000)	\$2,144,000	2009	Safety project - redesign curve;- FULLY-FUNDED
2	P10a-104-01	4226831	SR 5A (Nova Rd) at SR 600 (US 92, International Speedway Blvd)	SR 5A (Nova Rd) @ SR 600 (US 92 - International Speedway Blvd)	Intersection improvement	FDOT	PE	CST FY 12/13 (\$596,463)	\$1,471,141	2010	CST exclusive SB LT LN; CST 2nd EB LT TN LN; extend WB LT TN LN; rebuild signal as master arms; FULLY FUNDED
3	P10a-107-01	4301781, 4301782 & 4180211	SR 600 (US 92, International Speedway Blvd) Signal Upgrades	CR 415 (Tomoka Farms Rd) to Palmetto Av	Signal upgrade	Volusia County, FDOT, Daytona Beach	PE	4301782 - CST (design/build) in FY 11/12 (\$3,515,600); 4180211 - PE in 12/13 (\$171,288) and CST in 14/15; \$824,803)	4301781 & 4301782 - \$3,600,000; 4180211 - \$2,406,437	2010	Rebuild 13 signals as mast arms; FULLY-FUNDED
4	P10a-109-01	4301811	SR A1A at Peninsula Av Turn Lane Extension	SR A1A (S. Causeway) at Peninsula Av	Intersection improvement	Volusia County	-	-	\$50,000 (PE)	2010	Extend EB LT TN LN; to be undertaken by FDOT as a "pushbutton" project
5	P10a-110-01	4302321	SR A1A at Lynnhurst Dr	SR A1A @ Lynnhurst Dr	Intersection improvement	Volusia County	-	PE - FY 11/12 (\$131,268); CST - FY 12/13 (\$368,157)	-	2010	Add NB LT TN LN; fully funded; FULLY-FUNDED
6	P11a-112-01	4336232	Orange Avenue Signal System Mast Arm Upgrades	SR 5A (Nova Rd) to Beach St	Traffic signal system and mast arm upgrades	Daytona Beach	-	CST - FY 12/13 (\$1,909,306 XU; \$340,306 LF)	\$2,249,612	2011	FULLY-FUNDED
7	P11i-119-01	4336491	Dunn Avenue Paved Shoulders	From Clyde Morris Blvd to Bill France Blvd	Paved shoulders/drainage	Volusia County	-	CST - 13/14 (\$1,549,000)	\$808,047	2011	Included in Draft FY 2013/14 – FY 2017/18 TIP with \$808,047 (SU/ACSU) and \$140,000 LF for CST in FY 2013/14.
8	P11i-118-01	4336711	Doyle Road Paved Shoulders	From Courtland Blvd to SR 415	Paved shoulders	Volusia County	-	CST (2014/15 - \$1,118,507	\$1,242,786	2011	FULLY-FUNDED
9	P12i-104-01	4336661	Herbert Street WB Right Turn Lane	At Clyde Morris Blvd	Intersection improvement	Port Orange	-	CST (2014/15 - \$297,122)	\$297,122	2012	PE phase needed - \$30,179 (2013)

Volusia TPO List of Prioritized XU Traffic Operations/ITS/Safety Projects

ADOPTED August 28, 2013

“B” List – Projects Ready for Funding

Priority Ranking	TPO Project Number	Project Name	Project Limits	Project Type	Project Sponsor	Estimated Total Project Cost	Required Match/Commitment Received	Year Submitted	Total Project Score	Comments
1	P10a-118-01	SR 40 Adaptive Control System (Volusia County)	SR 5A (Nova Rd) to SR A1A	Signal coordination with advanced control	Volusia County	\$300,000	25%/Res. 2010-67	2010	71	Programming of funds is pending submission of Systems Engineering Management Plan (SEMP) and updated project scope and cost estimate
2	P12i-101-01	SR 40 Adaptive Signal Control System (Ormond Beach)	From Main Trail to Tymber Creek Rd	Signal coordination with advanced control	Ormond Beach	\$445,802.50 (2012)	10%/Res. 2012-47	2012	66.67 ³	Programming of funds is pending submission of Systems Engineering Management Plan (SEMP); CST/CEI - \$405,275/\$40,528 (2012)
3	P12i-102-01	City of New Smyrna Beach Traffic Signal Preemption	Twenty three traffic lights throughout the city	Traffic signal preemption	New Smyrna Beach	\$201,388 (2012)	10%/Apr 10, 2012 Commission minutes	2012	66.00 ³	Programming of funds is pending submission of Systems Engineering Management Plan (SEMP); total project cost is \$227,638 including devices installed in vehicles; VTPO does not fund devices installed in vehicles
4	P11a-111-01	Energy Efficient LED Traffic Signals	city-wide	Traffic signal modification/upgrade	Daytona Beach	\$176,619	10%/Ltr. Dated 4-21-11	2011	65.50 ³	Programming of funds is pending submission of coordinated plan by the project sponsors.
5	P11a-116-01	LED Traffic Signal Replacement	city-wide	Traffic signal modification/upgrade	DeLand	\$70,000	10%/Ltr. Dated 4-13-11	2011	65.00 ³	Programming of funds is pending submission of coordinated plan by the project sponsors.
6	P12i-103-01	LED Traffic Signal Conversion	city-wide	Traffic signal modification/upgrade	Port Orange	\$100,000 (conceptual estimate based on average cost data - 2012)	10%/	2012	61.00 ³	Programming of funds is pending submission of coordinated plan by the project sponsors.
7	P13i-101-01	Dunlawton Av Walk Light Construction, Phase One	SR 5 (US-1) to Spruce Creek Rd	Lighting	Port Orange	\$586,400 (2012)	10%/	2013	71.60 ³	Phase I of improvements recommended by feasibility study produced in 2011; construction plans have been completed, but may require minor modifications
8	P13i-102-01	Beach Parking Pedestrian Crossing at Racing's North Turn	at North Turn beach ramp	Pedestrian-activated rectangular rapid flashing beacon	Ponce Inlet	\$30,539 (2013)	10%/	2013	68.20 ³	
9	P13i-103-01	Pioneer Trail Left Turn Lane	Pioneer Tr at Colony Park Rd extension	Westbound left turn lane	New Smyrna Beach	\$94,165 (2013)	10%/	2013	63.00 ³	
10	P11a-120-01	Old New York Avenue Paved Shoulders and Lane Widening	From SR 44 and Shell Rd	Paved shoulders	Volusia County	\$2,909,158 (2013)	10%/Res. 2011-61	2011	60.50 ³	Need PE - \$335,672 (2013) and CST/CEI - \$2,237,814/\$335,672 (2013)

**Volusia TPO List of Prioritized XU Traffic Operations/ITS/Safety Projects
"B" List – Projects Ready for Funding – Continued...**

Priority Ranking	TPO Project Number	Project Name	Project Limits	Project Type	Project Sponsor	Estimated Total Project Cost	Required Match/Commitment Received	Year Submitted	Total Project Score	Comments
11	P11a-117-01	Traffic Sign Replacement	city-wide	Traffic sign modification/upgrade	DeLand	\$36,000 (2011)	10%/Ltr. Dated 4-13-11	2011	59.67 ³	
12	P11a-121-01	Doyle Road Paved Shoulders	From Providence Blvd to Saxon Blvd	Paved shoulders	Volusia County	\$1,506,373 (2013)	10%/Res. 2011-61	2011	59.00 ³	Need PE - \$173,812 (2013) and CST/CEI - \$1,158,749/\$173,812 (2013)
13	P13i-104-01	Wayfinding Masterplan Implementation	City-wide	Wayfinding signs	Daytona Beach	\$380,000 (2013)	10%/	2013	57.17 ³	Preliminary design to be completed 10/2013 using local funds - \$120,000 (2013); need PE - \$50,000 (2013) and CST - \$380,000 (2013)
14	P11a-122-01	Doyle Road Paved Shoulders	From Lush Lane to Courtland Blvd	Paved shoulders	Volusia County	\$761,416 (2013)	10%/Res. 2011-61	2011	53.67 ³	Need PE - \$87,856 (2013) and CST/CEI - \$585,704/\$87,856 (2013)
15	P12i-106-01	Old Mission Rd - Park Av Intersection Improvements	at Old Mission Rd and Park Av	Intersection Improvements	Edgewater	\$580,000 (2012)	10%/	2012	52.67 ³	Need PE - \$70,492 (2013) and CST phases
16	P11a-123-01	Turnbull Bay Road Paved Shoulders	From Pioneer Trail to Sunset Drive	Paved shoulders	Volusia County	\$2,499,322 (2013)	10%/Res. 2011-61	2011	49.67 ³	Need PE - \$288,383 (2013) and CST/CEI - \$1,922,556/\$288,383 (2013)
17	P12i-107-01	Mast Arm Installation on SR A1A at Cardinal Dr	at SR A1A and Cardinal Dr	Traffic signal support system upgrade	Ormond Beach	\$203,810 (2013)	10%/Res. 2012-46	2012	46.00 ³	Need PE - \$24,457 (2013) and CST/CEI - \$163,048/\$16,305 (2013)
18	P12i-108-01	Mast Arm Installation on SR A1A at Harvard Dr	at SR A1A and Harvard Dr	Traffic signal support system upgrade	Ormond Beach	\$202,612 (2013)	10%/Res. 2012-46	2012	44.33 ³	Need PE - \$24,313 (2013) and CST/CEI - \$162,090/\$16,209 (2013)
19	P12i-109-01	US 1 Traffic Signal Upgrades	at 3rd St, 6th St, 8th St, Walker St, and Flomich St	Traffic signal support system upgrade	Holly Hill	\$975,000 (2012)	10%/Res. 2012-R-13	2012	40.67 ³	Need PE - \$115,000 (2013) and CST/CEI - \$900,000/\$135,000 (2013)
20	P-12i-110-01	Big Tree Rd/Golfview Blvd Intersection Improvements ¹	at Big Tree Rd and Golfview Blvd	Traffic signal support system upgrade, crosswalk enhancements, resurfacing, school bus stop enhancements	South Daytona	PE - \$26,457; CST - \$189,611; total - \$216,068 (2012)	10%/	2012	38.33 ³	City agrees to phase project if necessary.

¹ This project cannot be programmed unless and until they receive the support of the agency responsible for the facility on which the projects are located.

² Cost does not include design which is to be completed by project sponsor.

³ Project scored using different criteria than project applications submitted prior to 2011.

Projects which are ranked one through eight on Tier "B" will be ranked in their current spot or move to the next available higher spot until they are completed and drop out of the Work Program.

Volusia TPO List of Prioritized XU Traffic Operations/ITS/Safety Projects

ADOPTED August 28, 2013

“C” List – Projects Awaiting Feasibility Study

Priority Ranking	TPO Project Number	Project Name	Project Limits	Project Type	Project Sponsor	Year Submitted	Total Project Score	Required Match/Commitment Received	Comments
1	S11a-120-01	Traffic Camera Network	city-wide	ITS	South Daytona	2011	- ¹	10%/	Install traffic monitoring system
2	S10a-105-01	SR 44 - Woodward Av Turn Lane	SR 44 at Woodward Av	Intersection improvement	Volusia County	2010	56.83	25%/Res. 2010-67 (25%)	Add WB LT TN LN
3	S10a-109-01	SR 600 (US 92) - Williamson Blvd Turn Lane	US 92 (ISB) at Williamson Blvd	Intersection improvement	Volusia County	2010	36.67	25%/Res. 2010-67 (25%)	Add 2nd SB RT TN LN (for duals)
4	S12i-101-01	Flagler Beach Pier Traffic Calming	SR A1A at Flagler Beach Pier	Safety	Flagler Beach	2012	74.50 ²	10%/Res. 2012-16	
5	S13i-101-01	Daytona Beach Shores SR A1A Pedestrian Safety Project Feasibility Study	Frazer Rd to Dunlawton Av to S Peninsula Dr	Pedestrian safety improvements	Daytona Beach Shores	2013	69.8	10%/	2013 application
7	S13i-103-01	Beach Street/Fairview Avenue Roundabout	at Beach Street/Fairview/Main Street/Balough Rd intersection	Traffic Operations	Daytona Beach	2013	43.8	10%/	Lacks support from entity with road maintenance responsibility (Volusia County)

¹ TIP Subcommittee ranked, but did not score, applications submitted in 2011 for feasibility study.

² Project scored using different criteria than project applications submitted prior to 2011.

Volusia TPO List of Prioritized XU Bicycle/Pedestrian Set-aside Projects (10% Local Match Required)

***** (*) \ hu- August 28, 2013]

Tier A: Projects with One or More Phases Funded

FDOT FM#	VTPO Project#	Project Name	Project Limits	Project Type	Project Sponsor	Programmed Phase(s)	Programmed Amount	Programmed Fiscal Year	Match Commitment	Comments
4289761	P10w-143-01	Naranja Rd Sidewalk	Valencia Rd to Highbanks Rd	Sidewalk	DeBary	CST	\$23,407	FY 2013/14	10%	CST funded
4301821	P10w-144-01	Washington Av Sidewalk (north side)	US 17 to Pine St	Sidewalk	Pierson	CST	\$114,287	FY 2013/14	10%	CST funded
4301831	P10w-145-01	US 1 Sidewalks	North city limit to Volco Rd	Sidewalk	Edgewater	CST	\$1,094,900	FY 2013/14	10%	CST funded
4302281	P10w-147-01	Herbert St Sidewalk (south side)	Golden Gate Dr to Nova Rd	Sidewalk	Port Orange	CST	\$232,057	FY 2013/14	10%	CST funded
4302351	P10w-149-01	Acadian Dr Sidewalk	Providence Bv to Elkcam Bv	Sidewalk	Deltona	CST	\$5,000	FY 2013/14	10%	CST funded
4300281	P10w-150-01	Ridge Bv Sidewalk	Pope Av to Palmetto Av	Sidewalk	South Daytona	CST	\$2,661	FY 2013/14	15%	CST funded
4300791	P10w-151-01	S. Spruce Creek Rd Sidewalk	Central Park Bv to Taylor Rd	Sidewalk	Port Orange	CST	\$251,473	FY 2014/15	15%	CST funded
4260291	P12w-101-01	Gateway Promenade Project (SR A1A)	9th St S. to 5th St N.	Sidewalk	Flagler Beach	CST	\$1,680	FY 2013/14	10%	CST funded
4336221	P12w-103-01	Michigan Avenue Sidewalk	Matthews Av to School Way Av	Sidewalk	New Smyrna Beach	CST	\$44,353	FY 2013/14	10%	CST funded
4336191	P12w-104-01	7th St Sidewalk	"B" St to S. Myrtle Av	Sidewalk	New Smyrna Beach	CST	\$27,644	FY 2013/14	10%	CST funded
4300781	P10p-153-01	NSB Multi Use Trail Phase 1	Sugarmill Dr to Pioneer Trail	Shared Use Path	New Smyrna Beach	PE/CST	\$5,000	FY 2013/14	25%	CST funded
4302171	P10p-155-01	Alabama Ave Trail North Extension	US 92 to Sperling Sports Complex	Shared Use Path	DeLand	PE	\$380	FY 2013/14	0%	on hold until design is complete
4302172	P10p-156-01	Alabama Ave Trail North Extension	Minnesota Av to US 92	Shared Use Path	DeLand	PE	\$1,000	FY 2013/14	10%	on hold until design is complete
4336151	P12w-102-01	US 17 Sidewalks	Hagstrom Rd to Washington Av	Sidewalk	Pierson	PE/CST	\$1,049,795	FY 2013/14; FY 2014/15	0%	CST funded

Tier B: Projects Ready for Funding

Priority Ranking	VTPO Project#	Project Name	Project Limits	Project Type	Project Sponsor	Project Phase Needed	Estimated Total Project Cost	Project Score	Match Commitment	Comments
1	P12p-101-01	Lakeshore Shared Use Path	Providence Bv to Green Springs Park	Shared Use Path	Deltona	PE/CST	\$310,000	77	10%	
2	P11p-101-01	Lantern Park Bridge	N. Reed Canal to S. Reed Canal	Bridge w/Shared Use Path	South Daytona	CST	\$850,000	76	10%	TPO policy limits XU funds to \$600,000
3	P10w-158-01	Herbert St Sidewalk	Nova Rd to Jackson St	Sidewalk	Port Orange	PE/CST	\$206,492	75	10%	bike lane removed to save protected tree
4	P13w-101-01	Calle Grande Railroad Crossing	West side to East side of FEC railroad	Railroad Crossing	Holly Hill	PE/CST	\$475,000	81	10%	
5	P13w-102-01	E. Ohio Av Sidewalk	S. Thorpe to S. Leavitt Av	Sidewalk	Orange City	PE/CST	\$48,552	79	10%	
6	P13w-103-01	Flagler Av Sidewalk	12th St to Park Av	Sidewalk	Edgewater	PE/CST	\$332,772	73	10%	
7	P13w-104-01	W. French Av Sidewalk	Volusia Av to Valentine Park	Sidewalk	Orange City	PE/CST	\$231,379	69	10%	
8	P13w-105-01	McDonald Rd Sidewalk	Sauls St to 6th St	Sidewalk	Port Orange	PE/CST	\$207,053	67	10%	
9	P13w-106-01	Victoria Gardens Bv Sidewalk	Clyde Morris Bv to Applevue Way	Sidewalk	Port Orange	PE/CST	\$161,729	65	10%	
10	P11p-113-01	Forrest Hills Connector	Old Tomoka Rd to Scottdale Dr	Shared Use Path	Ormond Beach	PE/CST	\$510,205	61	10%	
11	P13p-108-01	Halifax River Greenway Trail (Palmetto)	Beville Rd to Wilder Bv	Shared Use Path	Daytona Beach	CST	\$100,030	58	10%	
12	P13p-108-02	Halifax River Greenway Trail (Riverfront)	Beach St to Riverfront Park	Shared Use Path	Daytona Beach	CST	\$381,904	58	10%	
13	P13p-109-01	W. French Av Shared Use Path	Spring to Spring Trail to Valentine Park	Shared Use Path	Orange City	PE/CST	\$2,393,226	57	10%	
14	P11w-102-01	Big Tree Rd Shared Use Path	James St to Nova Rd	Shared Use Path	South Daytona	CST	\$500,000	56	10%	
15	P13w-110-01	N. Spruce Creek Rd Sidewalk	Nova Rd to Angelina Ct	Sidewalk	Port Orange	PE/CST	\$371,732	54	10%	
16	P13w-111-01	Turnbull St Sidewalk	Turnbull Bay Rd to Industrial Park Av	Sidewalk	New Smyrna Beach	PE/CST	\$41,820	42	10%	
17	P13w-112-01	Magnolia St Sidewalk	6th St to 10th St	Sidewalk	New Smyrna Beach	PE/CST	\$54,312	41	10%	
18	P13w-113-01	Meadowwood St Sidewalk	Slatton St to S. Myrtle Av	Sidewalk	New Smyrna Beach	PE/CST	\$22,710	36	10%	
19	P13w-114-01	N. Atlantic Av Sidewalk	Kirkland Rd to Sapphire Rd	Sidewalk	New Smyrna Beach	PE/CST	\$24,594	35	10%	
20	P13p-115-01	Colony Park Rd Shared Use Path	Otter Bv to SR 44	Shared Use Path	New Smyrna Beach	PE/CST	\$143,100	26	10%	

Tier C: Projects Awaiting Feasibility Study

Priority Ranking	VTPO Project#	Project Name	Project Limits	Project Type	Project Sponsor	Project Status	Year Submitted	Project Score	Match Commitment	Comments
1	S13w-101-01	North Orange Av Sidewalk	French Av to University Av	Sidewalk	Orange City	Conceptual Plan	2013	70.7	10%	
2	S13w-102-01	E. Graves Av Sidewalk	Thorpe Av to Leavitt Av	Sidewalk	Orange City	Conceptual Plan	2013	69.0	10%	
3	S13w-103-01	Macy Av Shared Use Path	Cassadaga Rd to Ohio Av	Shared Use Path	Lake Helen	Conceptual Plan	2011	66.2	10%	
4	S11p-111-01	E. Michigan Av Shared Use Path	S. Lakeview Dr to S. Prevatt Av	Shared Use Path	Lake Helen	Conceptual Plan	2011	66.1	10%	
5	S12w-103-01	Thames Av Sidewalk	S. Peninsula Dr to S. Atlantic Av	Sidewalk	Daytona Beach	Conceptual Plan	2012	66	10%	
6	S13w-104-01	S. Holly Avenue Sidewalk	Graves Av to Blue Springs Av	Sidewalk	Orange City	Conceptual Plan	2013	65	10%	
7	S12w-104-01	Flomich St Sidewalks	Nova Rd to Decatur St	Sidewalk	Holly Hill	Conceptual Plan	2012	63	10%	
8	S13w-105-01	E. Landsdowne Av Sidewalk	Volusia Av to Orange Av	Sidewalk	Orange City	Conceptual Plan	2013	62.7	10%	
9	S12w-105-01	N. Carpenter Av Sidewalk	May St to W. New York Av	Sidewalk	Orange City	Conceptual Plan	2012	59	10%	
10	S13w-106-01	S. Leavitt Av Sidewalk	Blue Springs Av to Rhode Island Av	Sidewalk	Orange City	Conceptual Plan	2013	58	10%	
11	S12w-106-01	Alabama St Sidewalk	Florida St to Mason Av	Sidewalk	Daytona Beach	Conceptual Plan	2012	56.4	10%	
12	S12w-107-01	Florida St Sidewalk	Iowa St to Clyde Morris Bv	Sidewalk	Daytona Beach	Conceptual Plan	2012	56.3	10%	
13	S11w-121-01	SR 442 Sidewalk	I-95 to Air Park Rd	Sidewalk	Edgewater	Conceptual Plan	2011	56.1	10%	
14	S12w-108-01	Mason Av Sidewalk	Nova Rd to Center St	Sidewalk	Daytona Beach	Conceptual Plan	2012	56	10%	
15	S13p-107-01	Doris Leeper Preserve Trail	Taylor Rd to Doris Leeper Preserve	Shared Use Path	Port Orange	Conceptual Plan	2013	51	10%	
16	S11w-110-01	Lambert Av Sidewalk	Palm Dr to Lambert Cove	Sidewalk	Flagler Beach	Conceptual Plan	2011	46	10%	
17	S11p-100-01	Thompson Creek Shared Use Path	Division Av to Wilmette Av	Shared Use Path	Ormond Beach	Conceptual Plan	2011	40	10%	
18	S12w-109-01	Herbert St Sidewalk-East	Jackson St to Railroad Crossing	Sidewalk	Port Orange	Conceptual Plan	2012	35	10%	
19	S12w-110-01	Willow Run Bv Sidewalk	Chardonnay Dr to Clyde Morris Bv	Sidewalk	Port Orange	Conceptual Plan	2012	25	10%	

NOTE 1: The TPO has set-aside 30% of its XU funds for bicycle/pedestrian projects, with the caveat that all projects will be handicapped accessible and ADA compliant.

NOTE 2: The TPO will allocate up to \$100,000/year to help local governments fund feasibility studies for these projects.

Volusia TPO List of Prioritized Transportation Enhancements/Alternatives Projects

ADOPTED August 28, 2013

Priority Ranking	VTPO Project Number	FDOT FM#	Project Name	Project Limits	Project Type	Project Sponsor	Completed Phases	Programmed Phases	Estimated Total Project Cost	Year Submitted	Total Project Score	Comments
1			East Central Florida Regional Rail Trail (ECFRRT)		Multi-Use Trail	Volusia County	-	-		2006		CST is not fully funded.
	P10a-160-03		ECFRRT -	SR 415 to Guise Road			PD&E/ENV		\$1,390,000		56	SR 415 to Guise Rd will be funded with local funds only
			ECRFFT – 4A	Guise Road to Gobblers Lodge Road			PD&E/ENV/ROW		\$4.94 million		46	To be undertaken as "design/build". Project score is for trail segment from "Guise Road to Brevard County"
			ECFRRT – 4B	Gobblers Lodge Road to Maytown Spur			PD&E/ENV		\$5.95 million			To be undertaken as "design/build".
	P10a-160-04	4154343	ECFRRT – Sec 3	½ mile south of SR 442 to Brevard Co Line			PD&E/ENV	CST - (2014/15 - \$5,024,000 and 2015/16 - \$1,600,000)	\$10,300,000		46	
	P10a-160-05	4154345	ECFRRT - SR 415 overpass				-	CST (FY 2011/12)	\$2,460,000		60	Project score is for trail segment from "Maytown Road Spur to Edgewater"; FULLY-FUNDED
	P10a-160-06	4154346	ECFRRT - SR 442 overpass				-	CST (FY 2011/12)	\$2,460,000		n/a	To be undertaken as a design/build project. FULLY-FUNDED
		4154347	ECFRRT - Sec 7	Dale Street to 1/2 mile south of SR 442			-	CST (FY 2012/13)	\$2,350,000		n/a	FULLY-FUNDED
2	P10a-121-01		Spring to Spring Trail – Ph 3a	Highbanks Rd to Gemini Springs	Multi-Use Trail	Volusia County	-	-		2002		
3	P10a-122-01		CR 3/Ponce de Leon Blvd	SR 40 (at Pioneer Settlement) to US 17	Bike/Ped. Facility	Volusia County	-	-	\$2,300,000 ¹	2002		Programming additional phases is pending design clarification
4	P10a-123-01		Freemont Av Sidewalks	Niles St to US 1	Ped. Facility	Daytona Beach	-	-		2005		Lower city priority than US 92 Streetscape Phase II (letter dated 3/26/13)
5	P10a-124-01		North St Sidewalks	Clyde Morris Blvd to Nova Rd	Ped. Facility	Daytona Beach	-	-		2005		Lower city priority than US 92 Streetscape Phase II (letter dated 3/26/13)
6	P10a-128-01		Spring to Spring Trail Segments 5 & 6	Lake Beresford Park to Minnesota Av	Multi-Use Trail	Volusia County	-	-		2010	85	Need PLN - \$500,000 (2013), PE - \$220,232 (2013), ROW (TBD) and CST/CEI - \$1,468,215/\$220,232 (2013)
7	P10a-130-01		Spring to Spring Trail – Ph 7b	Lemon St to King St	Multi-Use Trail	Volusia County	-	-		2006	56	Feasibility study is needed

Volusia TPO List of Prioritized Transportation Enhancements/Alternatives Projects – Continued...

Priority Ranking	VTPO Project Number	FDOT FM#	Project Name	Project Limits	Project Type	Project Sponsor	Completed Phases	Programmed Phases	Estimated Total Project Cost	Year Submitted	Total Project Score	Comments
8	P10a-132-01		Palmetto Av Sidewalks	Fremont Av to Beville Rd	Ped. Facility	Daytona Beach	-	-		2006	45	Feasibility study is needed; Lower city priority than US 92 Streetscape Phase II (letter dated 3/26/13)
9	P10a-133-01		Boardwalk at Riverwalk	N. City Limit to Dunlawton Av	Ped. Facility	Port Orange	-	-		2006	40	Feasibility study is needed
10	P10a-134-01		Taragona Way Sidewalks	Australia St to Museum St	Ped. Facility	Daytona Beach	-	-		2006	35	Feasibility study is needed; Lower city priority than US 92 Streetscape Phase II (letter dated 3/26/13)
11	P10a-137-01		Rich Av Bicycle Trail Signage	Spring Garden Rd to Hill Av	Bike Signs	DeLand	-	-		2009		
12	P10a-138-01	-	New Smyrna Beach Gateways	US 1 @ 10 th St	Hardscaping/landscaping	New Smyrna Beach	-	-	-	2009		Project application also included gateway improvements on SR 44 at I-95 and at Canal St which have been completed
13	P12e-101-01		Flagler Beach Multi-Modal Hub	S. Flagler Av; transit circulator to serve downtown business district between SR A1A, Flagler Av, 9th St South and 9th St North	Parking/transit stop/transit circulator system/bicycle rentals	Flagler Beach	-	-	\$481,000	2012	81 ²	Feasibility study is needed;
14	P11a-126-01		SR A1A National Scenic & Historic Coastal Byway Beautification - Phase I	North 10th St to South 10th St	Hardscaping/landscaping	Flagler Beach	-	-		2011	75 ²	Feasibility study is needed;
16	P11a-124-01		US Highway 92 (W International Speedway Blvd) Streetscape Phase II	SR 5A (Nova Rd) to Lincoln St and FEC RR to SR 5 (US 1)	Hardscaping/landscaping	Daytona Beach	PE	-	\$1,649,000 (2013)	2011	59 ²	PE is complete (\$179,000); need CST/CEI - \$1,320,000/\$150,000 (2013); higher city priority than sidewalk projects (Freemont Av, North St, Palmetto Av, and Taragona Way (letter dated 3/26/13)

Projects which are ranked one through eight on the Prioritized List of Transportation Alternatives Projects will be ranked in their current spot or move to the next available higher spot until they are completed and drop out of the Work Program

Volusia TPO List of Prioritized Bascule Bridge Projects

ADOPTED August 28, 2013

Priority Ranking	VTPO Project Number	FDOT FM#	Project Name	Project Limits	Project Type	Project Sponsor	Completed Phases	Programmed Phases	Estimated Total Project Cost ¹
1	P10a-301-01	2421721	Memorial Bridge (Orange Ave)	City Island to SR 441 (Peninsula Dr)	2 Lane Reconstructed Bridge	Volusia County	PD&E (Fall 2011)	CST	\$52,580,000 ² ; FULLY-FUNDED
2	P11a-301-01	-	Main Street Bridge	Fairview/Main St over ICWW	Bridge Replacement	Volusia County	-	-	\$50,000,000
3	P11a-302-01	-	Knox Bridge	CR 2002 (Highbridge Rd) over ICWW	Bridge Replacement	Volusia County	-	-	\$25,000,000

¹ Project cost estimates come from the 2035 LRTP, and are in year of expenditure dollars.

² 0% match for XU funds on PE phase only per TPO Board action on 11/23/10.

Volusia TPO List of Prioritized Transit Projects

ADOPTED August 28, 2013

Priority Ranking	VTPO Project Number	FDOT FM#	Project Name	Project Limits	Project Type	Project Sponsor	Completed Phases	Programmed Phases	Estimated Total Project Cost ¹	Comments
1	P12s-202-01	-	Alternatives Analysis for a Mass Transit Connection between SunRail and Daytona Beach International Airport	from SunRail to Daytona Beach International Airport	Study	Volusia County	-	PLN (2014/15 - \$3,000,000)-	\$2,052,000 (planning only)	This project is also included on the List of Prioritized SIS Projects

¹ Project cost estimate in year of expenditure dollars.