

REVISED
RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION

RESOLUTION 2015-##

**RESOLUTION OF THE RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION AMENDING
THE FY 2014/15 AND FY 2015/16 UNIFIED PLANNING WORK PROGRAM (UPWP)**

WHEREAS, Florida Statutes 339.175; 23 U.S.C. 134; and 49 U.S.C. 5303 require that the urbanized area, as a condition to the receipt of federal capital or operating assistance, have a continuing, cooperative, and comprehensive transportation planning process that results in plans and programs consistent with the comprehensively planned development of the designated urbanized area; and

WHEREAS, pursuant to 23 U.S.C. 134, 49 U.S.C. 5303, 23 CFR 450.310, and Florida Statutes 339.175, the River to Sea Transportation Planning Organization (TPO) is the duly designated and constituted body responsible for carrying out the urban transportation planning and programming process for Volusia County and portions of Flagler County inclusive of the cities of Flagler Beach, Beverly Beach, and portions of Palm Coast and Bunnell; and

WHEREAS, the preparation of a Unified Planning Work Program (UPWP) is a necessary and required part of the urban transportation planning and programming process as specified in 23 C.F.R. 450.300 through 450.324; and

WHEREAS, the River to Sea TPO's adopted UPWP details the planning initiatives (tasks) to be undertaken by the TPO; and

WHEREAS, the allocation of staff time and other resources to specific UPWP tasks has varied from early estimates; and

WHEREAS, the River to Sea TPO deems it necessary and appropriate to amend the UPWP to address this factor.

NOW, THEREFORE, BE IT RESOLVED, by the River to Sea TPO that the:

1. FY 2014/15 and FY 2015/16 Unified Planning Work Program is hereby amended by moving funds from Task 3.04 – Corridor Improvement Programs and Studies to Task 3.10 – General Planning Studies and Initiatives, adding SU funds to Task 3.07 – ITS/Traffic Operations/Safety Project Feasibility Studies (JPA), and by adding additional SU funds to Task 3.10 as more particularly described in Attachment "A".
2. Chairperson of the Volusia TPO (or his designee) is hereby authorized and directed to submit the 2014/15 UPWP as amended to the:
 - a. Florida Department of Transportation;
 - b. Federal Transit Administration (FTA) (through the Florida Department of Transportation); and the

- c. Federal Highway Administration (FHWA) (through the Florida Department of Transportation).

DONE AND RESOLVED at the regular meeting of the River to Sea TPO held on the 28th day of January 2015.

RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION

VOLUSIA COUNTY COUNCIL MEMBER PAT PATTERSON
CHAIRPERSON, RIVER TO SEA TPO

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 a resolution, adopted at a legally convened meeting of the River to Sea TPO held on January 28, 2015.

ATTEST:

PAMELA C. BLANKENSHIP, RECORDING SECRETARY
RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION

**Addendum to
ATTACHMENT “A”
Resolution 2015-##**

Amending the

**FY 2014/15 and FY 2015/16
Unified Planning Work Program (UPWP)**

January 28, 2015



TASK 3.07 - ITS/Traffic Operations/Safety Project Feasibility Studies (JPA)

Responsible Entity: River to Sea TPO

Total Cost: ~~\$236,766~~ \$320,099

REVENUES	FY 2014/15	FY 2015/16	2-Yr Total
FHWA PL Funds	\$9,884	\$6,882	\$16,766
XU (SU) Funds	\$100,000 <u>\$175,000</u>	\$100,000	\$200,000 <u>\$275,000</u>
Total Federal Funds	\$109,884 <u>\$184,884</u>	\$106,882	\$216,766 <u>\$291,766</u>
Total State Funds	\$0	\$0	\$0
Total Local Funds	\$10,000 <u>\$18,333</u>	\$10,000	\$0 <u>\$28,333</u>
Total Revenues	\$119,884 <u>\$203,217</u>	\$116,882	\$236,766 <u>\$320,099</u>

EXPENSES	FY 2014/15	FY 2015/16	2-Yr Total
Salary	\$6,074	\$4,237	\$10,311
Fringe	\$2,136	\$1,417	\$3,553
Indirect	\$1,674	\$1,228	\$2,902
Staff Total	\$9,884	\$6,882	\$16,766
Consultant	\$110,000 <u>\$193,333</u>	\$110,000	\$220,000 <u>\$303,333</u>
Total Expenses	\$119,884 <u>\$203,217</u>	\$116,882	\$236,766 <u>\$320,099</u>

Objectives:

- ✘ Conduct studies to ensure that candidate projects for funding under the R2CTPO's XU Set-Aside for traffic operations/ITS/safety projects provides an appropriate, constructible and cost-effective solution to a significant traffic operations and/or safety issue.
- ✘ Develop reliable project estimates that fully consider project development requirements and costs.
- ✘ Implement a process that quickly advances high priority traffic operations/ITS/safety projects from concept to completion.

Previous Work:

- ✘ Completed numerous feasibility studies over previous years resulting in the programming and implementation of high priority traffic operations, ITS, and safety projects.
- ✘ Completed a consultant selection process that fully complied with applicable rules and regulations, and that resulted in the selection of qualified professional planning and engineering consultants to perform complete and accurate planning-level feasibility studies for traffic operations/ITS/safety projects.

Methodology:

- ✘ Utilize professional planning and engineering consultants to perform thorough, comprehensive planning-level feasibility studies on candidate projects submitted to the TPO for funding under our XU Traffic Operations/ITS/Safety Priority Project Process.
- ✘ Manage consultants in strict accordance with contracts, and ensure that work performed under contract fully satisfies task orders.
- ✘ Engage project sponsors and stakeholders in the development of consultant task orders for each

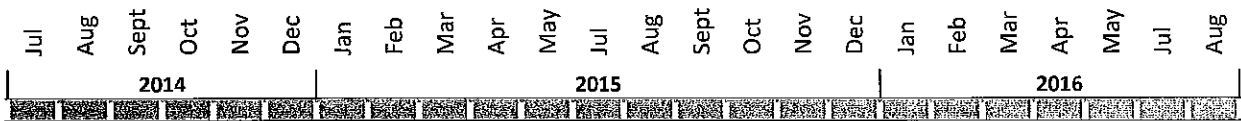
ADDITION

planning-level feasibility study to be performed, ensuring that studies will fully address the issues that have been identified and will assess all reasonable alternatives.

End Products:

- ⊠ Completed planning-level feasibility studies. Timeline/anticipated completion date: Varied completion for each study.
- ⊠ An effective process for assessing candidate traffic operations/ITS/safety projects to ensure that they are necessary, cost-effective and appropriately prioritized relative to other candidate projects. Timeline/anticipated completion date: On-going.
- ⊠ Lists of Priority Projects that include high priority, cost-effective traffic operations, ITS, and safety projects ready for programming and implementation. Timeline/anticipated completion date: On-going.

Timeline: on-going



TASK 3.10 - General Planning Studies and Initiatives

Responsible Entity: River to Sea TPO

Total Cost: ~~\$121,692~~ \$418,793

REVENUES	FY 2014/15	FY 2015/16	2-Yr Total
FHWA PL Funds	\$64,416	\$57,276 <u>\$76,336</u>	\$121,692 <u>\$140,752</u>
XU (SU) Funds	<u>\$275,361</u>	\$0	<u>\$275,361</u>
FTA 5305(d) Funds	<u>\$0</u>	<u>\$2,144</u>	<u>\$2,144</u>
Total Federal Funds	<u>\$64,416</u> <u>\$339,777</u>	<u>\$57,276</u> <u>\$78,480</u>	<u>\$121,692</u> <u>\$418,257</u>
FDOT Match - FTA Funds	<u>\$0</u>	<u>\$268</u>	<u>\$268</u>
Total State Funds	<u>\$0</u>	<u>\$0</u> <u>\$268</u>	<u>\$0</u> <u>\$268</u>
Total Local Funds	<u>\$0</u>	<u>\$0</u> <u>\$268</u>	<u>\$0</u> <u>\$268</u>
Total Revenues	<u>\$64,416</u> <u>\$339,777</u>	<u>\$57,276</u> <u>\$79,016</u>	<u>\$121,692</u> <u>\$418,793</u>

EXPENSES	FY 2014/15	FY 2015/16	2-Yr Total
Salary	\$21,149	\$21,466 <u>\$34,850</u>	\$42,615 <u>\$55,999</u>
Fringe	\$7,438	\$7,180 <u>\$11,657</u>	\$14,618 <u>\$19,095</u>
Indirect	\$5,829	\$6,223 <u>\$10,103</u>	\$12,052 <u>\$15,932</u>
Staff Total	<u>\$34,416</u>	<u>\$34,870</u> <u>\$56,610</u>	<u>\$69,286</u> <u>\$91,026</u>
Consultant	\$30,000 <u>\$305,361</u>	<u>\$22,406</u>	\$52,406 <u>\$327,767</u>
Total Expenses	<u>\$64,416</u> <u>\$339,777</u>	<u>\$57,276</u> <u>\$79,016</u>	<u>\$121,692</u> <u>\$418,793</u>

Objectives:

- ❑ Maintain flexibility in program support for area initiatives including ATMS planning activities, data collection efforts to improve the regional model, post re-apportionment needs and other activities that may be required.
- ❑ Support partners throughout the TPO planning area with resources needed to complete planning efforts.
- ❑ Oversee consultant activity; coordinate with local staff efforts, and provide the necessary technical assistance to support the local governments in utilization of the TPO's general planning consultant (GPC).
- ❑ Identify specific programs and projects to satisfactorily address the transportation-related issues and opportunities identified in Phase I of the US 17/92 and US 17 CIP.

Previous Work:

- ❑ Technical assistance to small communities.
- ❑ Assistance provided to the City of Ormond Beach and the City of Deltona Small Area Traffic Study.
- ❑ City of Deland and Volusia County Traffic Study.
- ❑ Phase I of the Corridor Improvement Program for US-17/92 and US 17 corridor. Completed January 2013.

Methodology:

- ❑ Develop, as needed scopes of work and requests for proposal for transportation planning activities identified.

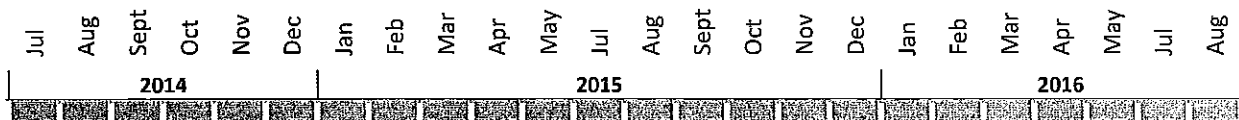
REPLACEMENT

- ✘ Participate in regional discussions and coordination efforts to improve planning tools and support data that guides decision-making.
- ✘ Utilize the TPO standing committees and working groups to evaluate planning needs and develop scopes of service that address the need.

End Products:

- ✘ Reports and or data sets needed for transportation systems improvements. Timeline/anticipated completion date: Ongoing.
- ~~✘ A completed traffic operations and safety study for the Belle Terre Blvd/Pkwy corridor. Timeline/anticipated completion date: June 2015.~~
- ✘ A completed Phase II study for the US 17/92 and US 17 corridor. Timeline/anticipated completion date: September 2015.
- ✘ A completed Bicycle/Pedestrian Safety and Mobility Study for the SR A1A corridor. Timeline/anticipated completion date: January 2016.

Timeline: on-going



REVISED

RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION

RESOLUTION 2015-##

RESOLUTION OF THE RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION AMENDING THE FY 2014/15 TO FY 2018/19 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

WHEREAS, Florida Statutes 339.175; 23 U.S.C. 134; and 49 U.S.C. 5303 require that the urbanized area, as a condition to the receipt of federal capital or operating assistance, have a continuing, cooperative, and comprehensive transportation planning process that results in plans and programs consistent with the comprehensively planned development of the designated urbanized area; and

WHEREAS, pursuant to 23 U.S.C. 134, 49 U.S.C. 5303, 23 CFR 450.310, and Florida Statutes 339.175, the River to Sea Transportation Planning Organization (TPO) is the duly designated and constituted body responsible for carrying out the urban transportation planning and programming process for Volusia County and portions of Flagler County inclusive of the cities of Flagler Beach, Beverly Beach, and portions of Palm Coast and Bunnell; and

WHEREAS, the River to Sea TPO shall annually endorse and amend as appropriate, the plans and programs required by 23 C.F.R. 450.300 through 450.324, among which is the Transportation Improvement Program (TIP); and

WHEREAS, the River to Sea TPO's adopted TIP is required to be consistent with the Florida Department of Transportation's adopted Five-Year Work Program; and

WHEREAS, the Florida Department of Transportation has requested the River to Sea TPO to amend the TIP as prescribed herein; and

WHEREAS, the River to Sea TPO has determined that it is in the public's interest to amend the adopted TIP to accommodate the requested amendments and to maintain consistency with FDOT's Five-Year Work Program;

NOW, THEREFORE, BE IT RESOLVED, by the River to Sea TPO that the:

1. River to Sea TPO's FY 2014/15 - FY 2018/19 TIP is hereby amended as described below and more particularly indicated in "Attachment A":
 - a) delete 2408361 (SR 40 Widening - SR 15 to SR 11 - Environmental Phase);
 - b) move local funds on 4336661 (Herbert Street Westbound Right Turn Lane at Clyde Morris Blvd) from CST to PE;
 - c) delete 4355371 (Colony Park Shared Use Path);
 - d) delete 4355931 (N Atlantic Av Sidewalk from Crawford Rd to Sapphire Rd);
 - e) delete 4355941 (Turnbull Street Sidewalk from Turnbull Bay Rd to Industrial

- Park Av);
- f) delete 4355971 (Meadow Wood Street Sidewalk from Slatton St to Myrtle Av);
 - g) add Candidate #2015-1 – New Smyrna Beach Traffic Signal Preemption. Add project;
 - h) add Candidate #2015-2 – Daytona Beach Wayfinding Program;
 - i) add Candidate #2015-3 – Seminole Woods Boulevard Multi-Use Path;
 - j) advance 4355331 – Halifax River Greenway Trail (Palmetto Av); ~~and~~
 - k) advance 4355341 – Halifax River Greenway Trail (Riverfront); ~~and~~
 - l) add funds to 4217253 (JPA – Traffic Operations/ITS/Safety Feasibility Studies);
and
 - m) add funds to 4355801 – Lantern Park Bridge Replacement.

2. The Chairperson of the River to Sea TPO (or his designee) is hereby authorized and directed to submit the FY 2014/15 to FY 2018/19 TIP as amended to the:

- a) Florida Department of Transportation;
- b) Federal Transit Administration (FTA) (through the Florida Department of Transportation); and the
- c) Federal Highway Administration (FHWA) (through the Florida Department of Transportation).

DONE AND RESOLVED at the regular meeting of the River to Sea TPO held on the 28th day of January 2015.

RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION

VOLUSIA COUNTY COUNCIL MEMBER PAT PATTERSON
1ST VICE CHAIRPERSON, RIVER TO SEA TPO

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 a resolution, adopted at a legally convened meeting of the River to Sea TPO held on January 28, 2015.

ATTEST:

PAMELA C. BLANKENSHIP, RECORDING SECRETARY
RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION

**Addendum to
ATTACHMENT “A”
Resolution 2015-##
Amending the
FY 2014/15 to FY 2018/19
Transportation Improvement Program (TIP)**

January 28, 2015



{~~Strike through~~ indicates deletion; underline indicates addition.}

FM # 4217253 - JPA - Traffic Operations/ITS/Safety Project Feasibility Studies

From: throughout R2CTPO planning area

To:

Work Mix: CORRIDOR/SUBAREA PLANNING

County: Volusia and Flagler

Phase	Fund	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Total
PLN (18)	XU (SU)	100,000	100,000	100,000	100,000	100,000	500,000
PLN (18)	XU (SU)	<u>175,000</u>	<u>100,000</u>	<u>100,000</u>	<u>100,000</u>	<u>100,000</u>	<u>575,000</u>
		<u>175,000</u>	<u>100,000</u>	<u>100,000</u>	<u>100,000</u>	<u>100,000</u>	<u>575,000</u>
		<u>100,000</u>	<u>100,000</u>	<u>100,000</u>	<u>100,000</u>	<u>100,000</u>	<u>500,000</u>

Description: The TPO sets aside funding to conduct planning feasibility studies for traffic operations, ITS (intelligent transportation systems), and safety projects located throughout the TPO's Planning Area. The TPO's support for traffic operations, intelligent transportation systems (ITS), and safety projects is expressed on pgs 1, 44, 49, 92, and 96 of the 2035 Long Range Transportation Plan.

Comment: Add \$75,000 SU funds from FM# 4204331- Traffic Ops Set-Aside Reserve

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
JOINT PARTICIPATION AGREEMENT
AMENDMENT NUMBER 1

EXECUTION DATE: _____

Financial Management Number: 421725-3-18-01 Agency: River To Sea TPO Contract No: AR992	Fund: XU Function: 215 Contract Amount: \$500,000.00	FLAIR Approp: 088704 SAMAS Obj.: 790018 Org. Code: 55300110941 Vendor No.: F593512405 002
---	---	--

The terms of the original Joint Participation Agreement between the VOLUSIA TRANSPORTATION PLANNING ORGANIZATION, now known as the RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION and the STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION for the Project described as “Conducting Traffic Operations/ITS/Safety Project Feasibility Project Studies adopted by the Volusia Transportation Planning Organization Board from the XU Traffic Ops/ITS/Safety Projects Prioritized List for the Volusia Transportation Planning Organization’s Metropolitan Planning Area”, executed on **December 18, 2013**, are hereby amended as follows:

REMOVED FROM THE AGREEMENT:

3. COMPENSATION AND REIMBURSEMENT

C. DEPARTMENT Participation: The DEPARTMENT agrees to reimburse the PUBLIC AGENCY in an amount not to exceed **\$100,000.00 (One Hundred Thousand Dollars and No/100)** for lump sum costs incurred for each feasibility study (see Exhibit “B” Schedule of Funding for feasibility study amounts), for each funded fiscal year, excluding PUBLIC AGENCY overhead. The funding for this Project is contingent upon annual appropriation by the Florida Legislature. The PUBLIC AGENCY agrees to bear all expenses in excess of the DEPARTMENT’s participation. Travel costs will not be reimbursed.

ADDED TO THE AGREEMENT:

3. COMPENSATION AND REIMBURSEMENT

C. DEPARTMENT Participation: The DEPARTMENT agrees to reimburse the PUBLIC AGENCY in an amount not to exceed **\$100,000.00 (One Hundred Thousand Dollars and No/100)** for lump sum costs incurred for each feasibility study (see Exhibit “B” Schedule of Funding for feasibility study amounts), for each funded fiscal year, excluding PUBLIC AGENCY overhead. The funding for this Project is contingent upon annual appropriation by the Florida Legislature. The PUBLIC AGENCY understands that a local match of Ten Percent (10%) of the total amount of XU funds programmed for each Project utilizing XU funds in Exhibit “A”, Scope of Services, is required. The DEPARTMENT will reimburse up to Ninety Percent (90%) of the total eligible expenses. The PUBLIC AGENCY agrees to bear all expenses in excess of the DEPARTMENT’s participation. Travel costs will not be reimbursed.

Robert Keeth

From: Les Gillis <lgillis@southdaytona.org>
Sent: Tuesday, January 20, 2015 11:27 AM
To: Vacchiano, Vincent; D5-Construction Special Projects
Cc: David King; John Dillard; Lois Bollenback; Robert Keeth; Stephan Harris; Schoelzel, Mary
Subject: FPN: 435580-1-58-01 Lantern Park Bridge Replacement - Concurrence Request
Attachments: Lantern Park Bridge Replacement Design Engineer Recommendation.pdf; Lantern Park Bridge Replacement Tabulation of Re-Bids.xls; Lantern Park Bridge Replacement LAP Agreement Schedule of Funding.pdf

Vince,

As discussed, the City of South Daytona wants to move forward with awarding the Lantern Park Bridge Replacement project to the low bidder Thadcon, LLC for an amount not to exceed \$1,467,000. Attached, please find a bid tab and letter of recommendation from the design engineer. The low bid amount represents the construction costs associated with the bridge itself; they do not include any additive alternates. The City is requesting concurrence with our bid award recommendation prior to taking it before our City Council as current protocols require.

The original construction cost estimate for the project was \$890,796 derived in early 2014. Since that time, a 40-foot layer of soft clay material was discovered within the proposed bridge's footprint. This unsuitable material was unexpected since the City installed a similar bridge approximately 1,200 feet away and did not encounter any soft soils at that location. This soft clay layer requires the proposed bridge to be installed on a costly pile foundation instead of a conventional shallow one as anticipated. The City as well as its design engineer did not foresee the pile foundation to be as costly as it was but we now believe that the price given for the construction represents actual construction costs based on a discussion with the bridge's manufacturer, ConTech. The City, design engineer and bridge manufacturer all believe that we will not see any significantly lower numbers if we re-bid the project.

The low bid is \$576,204 over the construction cost identified in our original LAP Agreement dated June 25, 2014 (a copy of the funding schedule from that agreement has been attached for your reference). The City has requested additional funding from the River to Sea TPO to cover this overage. The TPO is proposing to set aside \$256,731 in additional funds for this project at their January 28th Board Meeting. In addition, the TPO has reached out to the FDOT for advanced construction funds to cover the remaining \$319,473, if possible, due to this being an unanticipated and unforeseen condition.

The recommendation that will be made to our City Council will include a request for staff to perform value engineering on the project. Our goal for the proposed value engineering effort will be to analyze designed construction features, systems, equipment, and material selections for the purpose of achieving essential functions at the lowest life cycle cost consistent with required performance, quality, reliability, and safety. I firmly believe we can experience some construction savings with this effort.

The City is seeking FDOT concurrence with our award recommendation. If you have any questions or require any additional information, please do not hesitate to ask.

Les Gillis, P.E.
Director of Public Works
"Continuing a Commitment to Excellence"
1770 Segrave Street
South Daytona, FL 32119
Office: (386) 322-3080
Fax: (386) 322-3090



PLEASE NOTE; Florida has very broad public records law. Most written communication to or from City of South Daytona officials and employees regarding public business are public records available to the public and media upon request. Your e-mail communications may be subject to public disclosure. The view expressed in this message may not necessarily reflect those of the City of South Daytona. If you have received this message in error, please notify us immediately by replying to this message, and please delete it from your computer. Thank you.