AGENDA

1. Call to Order of the Space Coast Transportation Planning Organization Governing Board
2. Pledge of Allegiance
3. Public Comment
   Comments may not address subsequent Agenda Items. People wishing to comment on Agenda Items must complete a “Speaker Card” at the sign-in desk and will be called on when item is discussed. Speakers are limited to three minutes.
4. Reports from Committees
   A. Technical Advisory Committee (TAC)/Citizens Advisory Committee (CAC) Report (page 1)
   B. Bicycle Pedestrian/Trails Advisory Committee (BPTAC) Report (page 10)
5. Consent Agenda (The entire Consent Agenda will be passed in one motion and read aloud for the record)
   A. Approval RE: TPO Board Minutes – July 13, 2017 (page 17)
   B. Approval RE: Committee Appointments (page 23)
   C. Approval RE: Finance and Budget, Resolution 18-03, FY17 UPWP Amendment (page 35)
   D. Approval RE: Resolution 18-06, FY18 Operating Budget (page 38)
   E. Approval RE: Work Order 18-01A, Sarno Road Corridor Study Scope of Services (page 42)
   F. Approval RE: Resolution 18-07, Central Florida Metropolitan Planning Organization Alliance (CFMPOA) FY18 Regional Project Priorities (page 56)
6. Action Items
   A. Approval RE: Resolution 18-05, FY18 – FY22 Transportation Improvement Program (TIP) Amendment (page 66)
   B. Approval RE: FY19 SU Funding Direction (page 73)
   C. Approval RE: Work Order 18-01T, ADA Bus Stop Assessment Update Scope of Services and Resolution 18-04, FY18 UPWP Amendment (page 74)
7. Reports and Presentations
   A. SR 528 Toll Update (page 90)
   B. SR 520 Hubert Humphrey Bridge Pedestrian Facility (page 91)
   C. Space Coast Area Transit (SCAT) FY18 – FY27 Transit Development Plan (page 100)
   D. Staff Report (page 108)
   E. Public Participation Report (page 113)
   F. Local Government Report (page 114)
   G. Multi-Modal Agencies Report (page 115)
   H. Regional Coordination Report (page 117)
   I. Florida Department of Transportation Report (page 118)
8. Adjourn

Glossary of Terms – Final Page

Upcoming Meetings:
BPTAC: September 18, 2017, 5:30 p.m., Space Coast Room, Bldg. C, 2nd Floor
TAC/CAC: October 9, 2017, 9:30 a.m., Space Coast Room, Bldg. C, 2nd Floor
TPO Board: October 12, 2017, 3:00 p.m., Florida Room, Bldg. C 3rd Floor
The TPO meeting will be broadcast live on Space Coast Government Television on Brighthouse Networks cable channel 199, Comcast (North Brevard) Channel 51, Comcast (South Brevard) Channel 26. SCGTV will also replay the meeting during the coming month. Check the SCGTV website for daily program updates (http://www.scgtv.org).

Public Comment: Comments will be heard on items that do not appear on the agenda of this meeting. Public comments are solicited without regard to race, color, national origin, age, sex, religion, disability or family status. Note, however, that state law and administrative rules prevent the TPO from taking any formal action on any item discussed at this time. The TPO may schedule such items as regular agenda items and act upon them in the future. The Chairman is authorized to limit discussion, as necessary, with each commentary limited to 3 minutes.

Any person who desires or decides to appeal any decision made by this agency with respect to any matter considered at this meeting or hearing will need a record of the proceedings. For such purpose, such person may need to insure that a verbatim record of the proceedings is made, at his own expense, which record includes testimony and evidence upon which the appeal is to be based. Any questions about this meeting should be directed to Lisa Hickman, (321)690-6890 or Email: tpostaff@spacecoasttpo.com.

In accordance with the Americans with Disabilities Act and Section 286.26, Florida Statutes, persons with disabilities needing special accommodations to participate in this proceeding or persons who require translation services (free of charge) should contact the Space Coast TPO Office no later than 48 hours prior to the meeting at (321) 690-6890 for assistance.

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ITEM NUMBER 4A

Technical Advisory and Citizens Advisory Committee Report

Lisa Hickman
lisa.hickman@brevardfl.gov

DISCUSSION:

Staff will report on the actions taken by the Technical Advisory and Citizens Advisory Committees at their meeting of July 10, 2017.

REQUESTED ACTION:

Acknowledge receipt of the draft TAC/CAC meeting minutes of July 10, 2017.

ATTACHMENTS:

- Draft TAC/CAC Meeting Minutes from July 10, 2017, Attachment A
- TAC Attendance Record, Attachment B
- CAC Attendance Record, Attachment C
- Summary of Actions from the September 11, 2017 meeting (to be distributed at meeting)
Space Coast Transportation Planning Organization (TPO)
Technical Advisory Committee/Citizens Advisory Committee
Brevard County Government Center
2725 Judge Fran Jamieson Way, Melbourne, Florida
Space Coast Room, Building C, 2nd Floor

Meeting Date: July 10, 2017

DRAFT MEETING MINUTES

AGENDA

1. Call to Order of the Space Coast Transportation Planning Organization Technical and Citizens Advisory Committees
2. Public Comment
3. Approval of Minutes – May 8, 2017
4. Space Coast Transportation Planning Organization (TPO) Actions
5. Bicycle Pedestrian/Trails Advisory Committee (BPTAC)
6. Transportation Disadvantaged Local Coordinating Board (TDLCB) Report
7. Approval Re: Work Order 18-02H, Highway Safety Improvement Program Project Identification
8. Approval RE: Resolution 18-01 Transportation Disadvantaged Trust Fund Planning Grant
9. Approval RE: Resolution 18-02, FY18-FY22 Transportation Improvement Program (TIP)
10. Approval RE: FY 2018 Project Priorities
11. SR 524 Corridor Study Update
12. Staff Report
13. Public Participation Report
14. Local Government
15. Regional Coordination Report
16. Florida Department of Transportation Report
17. Adjourn

Technical Advisory Committee Members Present:
Conroy Jacobs (alt) Brevard County Planning & Development
Erin Sterk Brevard County Planning & Development
Devin Swanson Brevard County School Board
Susan Hann (alt) Brevard County School Board
Veronica Narvaez-Lugo Canaveral Port Authority
Ed Wegerif City of Cocoa
Bob Torres City of Cocoa Beach
Scott Nickle City of Indian Harbour Beach
Patrick Murphy (alt) City of Palm Bay
Michael Jarusiewicz (alt) City of Rockledge
Courtney Barker City of Satellite Beach
Brad Parrish (alt) City of Titusville
Cliff Graham Melbourne Airport Authority
Jim Liesenfelt Space Coast Area Transit
Steve Szabo Space Florida
Abby Johnson St. Johns River Water Mgnt.
Richard Hood Town of Grant-Valkaria
Matthew Stinnett Town of Malabar
Dona Wayman Van Pool Services, Inc.
Janna Taylor Florida Department of Transportation (non-voting)

Citizens Advisory Committee Members Present:
Howard Ralls City of Melbourne
Daniel Spradling City of Melbourne
James Boothroyd City of Palm Bay
Roy Larry Thomas City of Palm Bay
Philip Weinberg City of Palm Bay
Pete Petyk City of Titusville
Item 1. Call to Order
Susan Hann, TAC-ALT called the meeting to order at 9:35 a.m.

Item 2. Public Comment
No Comments

Item 3. Approval of Minutes – May 8, 2017
TAC motion by Mr. Graham, second by Mr. Swanson, to adopt the meeting minutes of May 8, 2017.
CAC motion by Mr. Sasso, second by Mr. Boothroyd, to concur with the TAC motion. Hearing no objections, the CAC motion passed unanimously. The TAC motion passed unanimously.

Item 4. Space Coast Transportation Planning Organization (TPO) Actions
Mr. Kamm stated the actions taken at the May 11, 2017 TPO Board meeting are summarized in the TAC/CAC agenda package and include:
- Approved the Sea Level Rise Vulnerability Assessment Scope of Services.
- Approved amendments to the Transportation Improvement Program.
- Heard presentations on the Space Florida Master Plan and Roundabouts.

Item 5. Bicycle/Pedestrian/Trails Advisory Committee (BPTAC)
Ms. Kraum reported on the May 22, 2017 BPTAC meeting:
- TPO Orientation was tabled.
- Update on Florida Greenways and Trails map.
- Update on Project Priorities.
- Alert Today Public Service Announcement (PSA) was viewed.
- Update on St. John River to Sea Loop.
- Update on East Central Regional Rail Trail. The trail is close to completion and a ribbon cutting is tentatively set for early November.
Item 6. Transportation Disadvantaged Local Coordinating Board (TDLCB) Report
Ms. Kraum reported on the June 26, 2017 TDLCB Meeting:
- Approved Transportation Disadvantage Billing Rate.
- Reviewed new formula for Transportation Disadvantaged Funding from State.
- Completing the new billing process required by the state.

Item 7. Approval RE: Work Order 18-02H, Highway Safety Improvement Program Project Identification
Mr. Bostel stated the Space Coast TPO has conducted Road Safety Audits and Pedestrian/Bicycle Focused Safety Analyses on several high crash corridors throughout Brevard County. The Road Safety Audits have suggested improvements. This work order will authorize HNTB Corporation to identify projects that may be eligible for Highway Safety Improvement Program (HSIP) funding and prepare FDOT Safety Project Applications.

TAC motion by Ms. Sterk, second by Mr. Graham, to approve Work Order 18-02H, Highway Safety Improvement Program Project Identification.
CAC motion by Mr. Sasso, second by Ms. Michelson, to concur with the TAC motion.
Hearing no objections, the CAC motion passed unanimously.
The TAC motion passed unanimously.

Item 8. Approval RE: Resolution 18-01 Transportation Disadvantaged Trust Fund Planning Grant
Mr. Liesenfelt stated the Florida Commission for the Transportation Disadvantaged annually provides the TPO a grant for Transportation Disadvantaged planning activities. The TPO Sub-allocates this funding to Space Coast Area Transit who undertakes the actual planning activities. The 2017/2018 TD Planning Grant is $31,601.00

TAC motion by Mr. Graham, second by Mr. Nickle, to approve resolution 18-01 Transportation Disadvantaged Trust Fund Planning Grant.
CAC motion by Mr. Sasso, second by Ms. Michelson, to concur with the TAC motion.
Hearing no objections, the CAC motion passed unanimously.
The TAC motion passed unanimously.

Item 9. Approval RE: Resolution 18-02, FY18 – FY22 Transportation Improvement Program (TIP)
Ms. Gillette reviewed the draft FY 18 – 22 TIP which has been open for public comment for over thirty days including a televised Open House on May 3, 2017.

TAC motion by Mr. Swanson, second by Mr. Nickle, to approve resolution 18-02, FY18 – FY22 Transportation Improvement Program (TIP).
CAC motion by Mr. Boothroyd, second by Mr. Nickle, to concur with the TAC motion.
Hearing no objections, the CAC motion passed unanimously.
The TAC motion passed unanimously.

Item 10. Approval RE: FY 2018 Project Priorities
Ms. Gillette summarized the regionally significant project priorities, and the process utilized to obtain the priorities.
Mr. Wegerif suggested project 3b, SR 528 Widening regarding the trail should specifically read Industry Road (not west of US1) to SR 401 Interchange.
Ms. Gillette replied she will make the change.

TAC motion by Ms. Sterk, second by Mr. Nickle, to approve FY 2018 Project Priorities.
CAC motion by Mr. Sasso, second by Mr. Honeycutt, to concur with the TAC motion.
Hearing no objections, the CAC motion passed unanimously.
The TAC motion passed unanimously.
**Item 11. SR524 Corridor Study Update**  
Judy Pizzo, FDOT Project Manager and Michelle Kendall, Consultant Project Manager with WSP, Parsons Brinckerhoff presented the SR 524 Corridor Planning Study PowerPoint.

**Item 12. Staff Report**  
Mr. Kamm stated no meeting in August

**Item 13. Public Participation Report**  
Ms. Rex presented the Public Participation Report.

**Item 14. Local Government Report**  
Mr. Bob Torres of Cocoa Beach thanked the TPO and FDOT for all the support and improvements made in the city.  
Ms. Johnson of St. John’s River Water Management introduced herself as the new Coordinator.

**Item 15. Regional Coordination Report**  
Mr. Kamm stated the Central Florida Expressway (CFX) Authority Board has granted Brevard County a seat on their Board. The Board meets on the same day and time as the Space Coast TPO Governing Board. This will create a perpetual conflict for Commissioner Barfield who has filled the Brevard County seat. Staff will recommend the TPO Board to consider moving the meeting time from 9:00 AM to 2:00 PM on the second Thursday of the month. The change would take effect September 14, 2017.

**Item 16. Florida Department of Transportation**  
Ms. Taylor provided an update on current projects in Brevard County.

**Item 17. Adjourn**  
There being no further discussion, the meeting adjourned at 11:44 a.m.
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ITEM NUMBER 4B

Bicycle/Pedestrian/Trails Advisory Committee (BPTAC) Report

Sarah Kraum
sarah.kraum@brevardfl.gov

DISCUSSION:

Staff will report on Bicycle, Pedestrian & Trails Advisory Committee activities.

REQUESTED ACTION:

Acknowledge receipt of the draft BPTAC meeting minutes of July 17, 2017.

ATTACHMENTS:

- Draft BPTAC Meeting Minutes from July 17, 2017, Attachment A
- Florida Greenways & Trails System 5 Year Plan Update – 2018-2022 Public Open House Workshops Schedule, Attachment B
- St. Johns River to Sea Loop Summit and Trail Celebration, October 26-28, 2017, Attachment C
Bicycle/Pedestrian & Trails Advisory Committee
Brevard County Government Center
2725 Judge Fran Jamieson Way, Melbourne, Florida
Building C, 2nd Floor, Space Coast Room
Meeting Date: Monday, July 17, 2017

DRAFT MEETING MINUTES

Agenda

1. Call to Order
2. Public Comment
3. Approval RE: BPTAC May 22, 2017 Meeting Minutes
4. Attendance and Membership Policy (Sarah Kraum)
5. East Coast Greenway Workshop (Sarah Kraum & Paul Haydt)
6. Bike/Ped Update (Sarah Kraum)
7. FDOT Update
8. Information Sharing
   A. TPO Action Items
9. Member Comment
10. Adjourn

BPTAC Committee Members Present:

Murray Hann                  Citizen, South Brevard
Janet Metz                   Town of Grant-Valkaria
Dan Gallagher                Citizen, Central Brevard
Carl Kaiserman               Citizen, Melbourne Beach
Drew Thompson                Malabar
Edyie McCall                 City of Titusville
Alan Woolwich                Brevard County Housing & Human Services
Todd Corwin                  City of Melbourne
Erin Sterk                   Brevard County Planning & Zoning
Joann Gulliver               Citizen, Melbourne
Tom Jordan                   Citizen, Melbourne
Alix Bernard                 City of Rockledge
Devin Swanson                Brevard County Public Works

Others Present:

Ginger Twigg                 Citizen
Phil Moore                   Citizen
Tony Mayza                  Space Coast A1A
Erik S. Houglend             Citizens, Boy Scouts
George H. Rosenfield         Citizen
Doug Sphak                   Citizen
Christy Fischer             Citizen, West Melbourne
Robert Musse                 Canaveral Port Authority
David Thorpe                Nasa
Georganna Gillette           Space Coast TPO Staff
Sarah Kraum                  Space Coast TPO Staff
Lisa Hickman                 Space Coast TPO Staff

Item 1. Call to Order of the Bicycle/Pedestrian and Trails Advisory Committee

Chairman Hann called the meeting to order at 5:35 p.m..

Item 2. Public Comment

No comments heard.
Item 3. Approval of Minutes – May 22, 2017

Motion by Mr. Kaiserman, second by Ms. Gulliver, to approve the May 22, 2017 meeting minutes. Hearing no objections the motion passed unanimously.

Item 4. Attendance and Membership Policy (Sarah Kraum)

Ms. Kraum stated the TPO has created a meeting evaluation form and would appreciate any feedback.
Ms. Kraum stated the goal of this Agenda Item would allow an update to the policy and make room for new members.
Ms. Kraum stated the BPTAC is written into the Space Coast TPO Policy which requires the group to follow specific rules and regulations.
Ms. Kraum presented an overview of the BPTAC Policies.
Ms. Sterk suggested we look into the number of municipalities represented and number of citizens represented in the membership of the BPTAC.
Mr. Hann suggested that staff look into municipality and citizen alternates to the BPTAC membership.
Ms. Metz suggested increasing the membership of the BPTAC.
Mr. Thompson suggested staff to research and differentiate member representation as a citizen or municipality.

Motion by Ms. Sterk, second by Ms. Bernard, to remove the three members Bakken, Karp and Van Heden if they do not respond to the correspondence about their attendance history. Hearing no objections the motion passed unanimously.

Motion by Ms. Sterk, second by Mr. Thompson, to direct staff to prepare language for approval at the next meeting:
- Clarifying the definition of municipality versus citizen membership and who the member is representing.
- Review of both the local government and citizen membership and total number of members allowed
- Develop policy language about municipality alternates

Hearing no objections the motion passed unanimously.

Item 5. East Coast Greenway Workshop (Sarah Kraum & Paul Haydt)

Ms. Kraum stated she has been given internal direction to seek BPTAC and Growth Management Sub Committee input about the alignment of the East Coast Greenway. The goal is to discuss the primary and alternate route so she can work with the municipalities to complete the project.
Mr. Haydt, East Coast Greenway Coordinator presented a PowerPoint on the East Coast Greenway.
Ms. Kraum presented a PowerPoint on the East Coast Greenway alignment.
Open Discussion:
Mr. Kaiserman presented a suggestion on a greenway trail through Melbourne.
Ms. Sterk stated evaluations have not been done on what has been constructed to make the decision on what is more feasible for an alignment.
Ms. Kraum replied that nothing has been built to standards.
Ms. Sterk stated base line data is needed.
Ms. Kraum stated the BPTAC has options to choose an alignment and it doesn’t have to be decided now but, direction is needed.
Mr. Corwin asked how a park can be designated and added to the East Coast Greenway.
Ms. Kraum replied that Ms. McCall just went through the process and the TPO can help.
Ms. Sterk asked when the Bike/Ped Mobility Plan will be updated.
Ms. Kraum replied approximately March 2018.
Ms. Sterk stated a sub-committee could be appointed to focus on the alignment of the East Coast Greenway trail.

Motion by Ms. Sterk, second by Ms. Bernard, to request staff present a recommendation on a sub-committee to represent stakeholders focused on the East Coast Greenway Trail. Hearing no objections the motion passed unanimously.
6. Bike/Ped Update (Sarah Kraum)

No report.

Item 7. FDOT Update

No report.

8. Information Sharing

TPO Action Items – No Comment

Item 9. Member Comment

No comments heard.

Item 10. Adjourn

Motion by Mr. Gallagher, second by Mr. Thompson, to Adjourn at 7:05 p.m.. Hearing no objections the motion passed unanimously.
Florida Greenways & Trails System 5-Year Plan Update - 2018-2022
Public Open House Workshops

Tuesday, September 5 - Marianna
Jackson County Citizens’ Lodge
4574 Lodge Drive, Marianna, Florida 32446
4:00-7:00 CT

Wednesday, September 6 – Port St. Joe
St. Joseph Bay State Buffer Preserve Center
3915 State Road 30-A, Port St. Joe, FL 32456
4:00-7:00 ET

Thursday, September 7 - Milton
Blackwater Heritage State Trail-Visitor Center
5533 Alabama Street, Milton, FL 32570
4:00-7:00 CT

Monday, September 11 - Sebring
Bert J. Harris, Jr. Agricultural Center, Conference Room #2
4509 George Boulevard, Sebring, FL 33875
4:00-7:00 ET

Tuesday, September 12 – Port St. Lucie
St. Lucie Transportation Planning Organization, Coco Vista Center
466 SW Port St Lucie Blvd. #111, Port St. Lucie, FL 34953
4:00-7:00 ET

Wednesday, September 13 – Hialeah
Milander Center for Arts & Entertainment, Garden Plaza Hall
4800 Palm Ave, Hialeah, FL 33012
4:00-7:00 ET
Thursday, September 14 – North Port
Morgan Family Community Center, Meeting Room A/B
6207 West Price Boulevard, North Port, FL 34291
4:00-7:00 ET

Friday, September 15 – Temple Terrace
Florida Department of Environmental Protection, Southwest District
13051 N Telecom Parkway, Temple Terrace, FL 33637
4:00-7:00 ET

Monday, September 18 - DeBary
Debary Hall
198 Sunrise Boulevard, DeBary, FL 32713
4:00-7:00 ET

Tuesday, September 19 - Jacksonville
Ed Ball Building, Conference Room 851
214 N Hogan Street, Jacksonville, FL 32202
4:00-7:00 ET

Monday, September 25 - Palatka
Ravine State Gardens
1600 Twigg Street, Palatka, FL 32177
4:00-7:00 ET

Tuesday, September 26 - Dunnellon
Historic Train Depot
12061 S. Williams Street, Dunnellon, FL 34432
4:00-7:00 ET

Wednesday, September 27 - Tallahassee
Florida Department of Environmental Protection, Douglas Building, Conference Room A
3900 Commonwealth Boulevard, Tallahassee, FL 32399
4:00-7:00 ET

Thursday, September 28 – Live Oak
Suwannee River Water Management District, Suwannee Room
9225 County Road 49, Live Oak, FL 32060
4:00-7:00 ET
St. Johns River-to-Sea Loop Summit and Trail Celebration
October 26 - 28, 2017
DeLand, Florida

Announcing the St. Johns River-to-Sea Loop Summit (SJR2C) and Trail Celebration to be held in DeLand on October 26 - 28, 2017. The Summit is sponsored by the St Johns River-to-Sea Loop Alliance in cooperation with FDOT Mobility Week and Greenways and Trails Month. The Summit will be a major milestone in the evolution of the St Johns River-to-Sea Loop and is presented by the nonprofit 501(c)3 St Johns River-to-Sea Loop Alliance in cooperation with the Office of Greenways and Trails, the East Central Florida Regional Planning Council, the Florida Department of Transportation, the River to Sea TPO, the Space Coast TPO, and others. The theme is synergy among trails, active mobility, safety, community spirit, multi-modal connections, bike-tourism, economic development, and health and fitness.

The purpose of the Summit is to raise awareness of and support for the Loop and the Alliance and to celebrate trails. Presentations will focus on the evolution and status as well as the safety and health benefits of the SJR2C Loop, the potential economic impact of the Loop exemplified by the economic turn-around of cities such as Winter Garden, and the importance of municipalities, counties, destination marketing organizations, nonprofits and other interests working together to support and promote trails.

The Summit will include three days of events, each with a different focus and purpose:

- **Thursday, October 26**
  - Stakeholder Meeting and evening reception/Happy Hour

- **Friday, October 27**
  - Community outreach program celebrating the Loop and trails

- **Saturday, October 28**
  - Fun events including a Halloween-themed kids bike ride and safety check

Get Involved
Our goal is to engage all counties and communities, to advance the Loop and increase awareness and advocacy. If you want to be involved in the Summit, this is the right place to be and the right time to get involved. The SJR2C Loop Alliance is seeking partners, volunteers, program ideas and sponsors. For information please register on the SJR 2C.org website or contact info@sjr2c.org. If you are interested in participating in the Summit as a partner, volunteer, sponsor, speaker or attendee please see our website, call us at 321-795-3179 or email info@SJR2C.org. We look forward to working with you.
ITEM NUMBER 5A

Approval RE: TPO Board Minutes

Lisa Hickman
lisa.hickman@brevardfl.gov

DISCUSSION:

Staff has prepared draft minutes for the TPO Board from their meeting conducted on July 13, 2017.

REQUESTED ACTION:

Approve meeting minutes from July 13, 2017 Space Coast TPO meeting.

ATTACHMENTS:

- Draft Space Coast TPO meeting minutes from July 13, 2017
1. Call to Order of the Space Coast Transportation Planning Organization Governing Board
2. Pledge of Allegiance
3. Public Comment
4. Reports from Committees
   A. Technical Advisory Committee (TAC)/Citizens Advisory Committee (CAC)
   B. Bicycle Pedestrian/Trails Advisory Committee (BPTAC)
   C. Transportation Disadvantaged Local Coordinating Board (TDLCB) Report
5. Consent Agenda
   A. Approval RE: TPO Board Minutes – May 11, 2017
   B. Approval RE: Committee Appointments
   C. Approval RE: Finance and Budget
   D. Approval RE: Work Order 18-02H, Highway Safety Improvement Program Project Identification
   E. Approval RE: Resolution 18-01, Transportation Disadvantaged Trust Fund Planning Grant
6. Action Items
   A. Approval RE: Resolution 18-02, FY18 – FY22 Transportation Improvement Program (TIP)
   B. Approval RE: 2018 Transportation Project Priorities
   C. Request for Direction RE: Executive Director Selection
   D. Discussion RE: TPO Meeting Time
7. Reports and Presentations
   A. Draft FY 18 Operating Budget
   B. SR 524 Corridor Study Update
   C. Staff Report
   D. Public Participation Report
   E. Local Government Report
   F. Regional Coordination Report
   G. Florida Department of Transportation Report
8. Public Comment
9. Adjourn

Space Coast Transportation Planning Organization Board Members:
Commissioner Jerry Allender Canaveral Port Authority Present
Council Member Jeff Bailey City of Palm Bay Present
Commissioner Jim Barfield BOCC District 2 Absent
Deputy Mayor Don Boisvert City of Cocoa Present
Deputy Mayor Stuart Glass South Beaches Coalition Present
Council Member Tres Holton City of Palm Bay Present
Commissioner Kristine Isnardi BOCC District 5 Absent
Mayor Walt Johnson City of Titusville Present
Council Member Teresa Lopez City of Melbourne Present
Chairwoman Kathy Meehan City of Melbourne Present
Council Member Betty Moore City of Melbourne Present
Council Member Jo Lynn Nelson City of Titusville Absent
Council Member Pat O’Neill City of Rockledge Present
Commissioner Rita Pritchett BOCC District 1 Present
Council Member Harry Santiago, Jr. City of Palm Bay Absent
Council Member Barbara Smith City of West Melbourne Present
Commissioner Curt Smith BOCC District 4 Absent
Commissioner John Tobia BOCC District 3 Present
Commissioner Skip Williams North Beaches Coalition Present
Council Member Brian Anderson  City of Palm Bay  Present
Janna Taylor (non-voting)  Florida Department of Transportation  Present
Paul Gougelman (non-voting advisor)  Space Coast TPO Legal Counsel  Present

Others Present:
Lisa Hickman  Space Coast TPO staff
Sarah Kraum  Space Coast TPO staff
Georganna Gillette  Space Coast TPO staff
Laura Carter  Space Coast TPO staff
Steven Bostel  Space Coast TPO staff
Travis Mills  Kittelson and Associates, Inc.
Marcia Newell  D1 Staff
John Rice  RS&H
Jim Liesenfelt  Space Coast Area Transit
Veronica Narvaez-Lugo  Canaveral Port Authority
David Wilkison  DRMP
Will Furrell  Friends of the Parkway
Iva Pritchett  RS&H
Phil Moore  Citizen
Wiley Page  Atkins
Joel Graeff  HNTB
Michelle Kendel  WSP
Mo Hassan  FDOT
Judy Pizzo  FDOT

Item 1. Call to Order of the Space Coast TPO Board
Chairwoman, Mayor Kathy Meehan, called the meeting to order at 9:00 a.m.

Item 2. Pledge of Allegiance

Item 3. Public Comment
No Comment was heard

Item 4A. Technical Advisory Committee (TAC)/Citizens Advisory Committee (CAC)
Mr. Kamm summarized the TAC/CAC action items to include:
- Approved Work Order 18-02H, Highway Safety Improvement Program Project Identification.
- Approved Resolution 18-01, Transportation Disadvantaged Trust Fund Planning Grant.
- Approved Resolution 18-02, FY18 – FY22 Transportation Improvement Program (TIP).
- Approved 2018 Transportation Project Priorities, with clarification of the western limit of the trail to Industry Road.

Motion by Mr. Boisvert, second by Mr. Allender, to accept the draft May 8, 2017 TAC/CAC meeting minutes.
Hearing no objections, the motion passed unanimously.

Item 4B. Bicycle/Pedestrian/Trails Advisory Committee (BPTAC)
Ms. Kraum reported on the May 22, 2017 BPTAC meeting:
- TPO Orientation was tabled.
- Update on Florida Greenways and Trails map.
- Update on Project Priorities.
- Alert Today Public Service Announcement was viewed.
- Update on St. John River to Sea Loop.
- Update on East Central Regional Rail Trail. The trail is close to completion and a ribbon cutting is tentatively set for early November.
Item 4C. Transportation Disadvantaged Local Coordinating Board (TDLCB) Report
Mr. Liesenfelt reported on the June 26, 2017 TDLCB Meeting:
- Approved Transportation Disadvantage Billing Rate.
- Reviewed new formula for Transportation Disadvantaged funding from State.
- Completing the new billing process required by the state.

Item 5. Consent Agenda
Mr. Kamm read aloud the consent agenda.

Item 5A. Approval RE: TPO Board Minutes – May 11, 2017
Item 5B. Approval RE: Committee Appointments
Item 5C. Approval RE: Finance and Budget
Item 5D. Approval RE: Work Order 18-02H, Highway Safety Improvement Program Project Identification
Item 5E. Approval RE: Resolution 18-01, Transportation Disadvantaged Trust Fund Planning Grant

Motion by Mr. Holton, second by Mr. Glass, to approve the consent agenda as presented. Hearing no objections, the motion passed unanimously.

Item 6A. Approval RE: Resolution 18-02, FY18 – FY22 Transportation Improvement Program (TIP)
Ms. Gillette reviewed the draft FY 18 – 22 TIP which has been open for public comment for over thirty days including a televised Open House on May 3, 2017.

Motion by Ms. Moore, second by Mr. Boisvert, to adopt Resolution 18-02, FY 18 – FY 22 Transportation Improvement Program (TIP). Hearing no objections, the motion passed 15-0 via roll call vote.

Item 6B. Approval RE: 2018 Transportation Project Priorities
Ms. Gillette summarized the regionally significant project priorities, and the process utilized to obtain the priorities.
Mr. Kamm stated he would like to add the NASA Causeway Bridge to the Transportation Project Priorities.
Mr. Williams replied that it could be placed in the space category.
Mr. Gougelman asked if this project was not placed on the Project Priorities list or not placed correctly what effect will this have on future development on the space program.
Mr. Kamm replied any project that uses federal funds for transportation improvement, regardless of mode, has to be ratified by the local TPO. This must be done by the way of Transportation Project Priorities and the Transportation Improvement Program. It is in the TIP so we have met that factor. Mr. Kamm stated he doesn’t think it would stop the work.
Mr. Johnson stated the amount of rocket launches have increased and not having the proper roadway could impede the economic development in the future.
Ms. Gillette suggested that since this is a long term project it could be added to the Highway Component list. The NASA Causeway Bridge could be #4.
Mr. Kamm agreed to move it into #4 and move the current projects down.
Mr. Allender suggested them to be classified as 4A and 4B.

Motion by Mr. Allender, second by Mr. Williams, to adopt the 2018 Transportation Project Priorities with NASA Causeway Bridge to be classified as priority 4A and Space Commerce Way 4B. Hearing no objections, the motion passed unanimously.

Mr. Kamm stated Ellis Road widening is in design and the county is managing the project. There is no construction funding for this project. It is time to start thinking about how to fund the construction. One approach for funding is the possibility of a State Infrastructure Bank Loan (SIB) process, it works like a bond. You can pay it back through the out years of the FDOT program. This is a strategy that may come up.
**Item 6C. Request for Direction RE: Executive Director Selection**

Mr. Kamm stated he will be retiring in September 2018 and staff would like to start the process of selecting his successor. Staff requested direction from the TPO Board on establishing a Selection Committee and its membership who would supervise and conduct the selection process. Two options were presented for creating a Selection Committee:
- Utilize TPO Executive Committee; or
- TPO Board appoint members to a stand-alone Selection Committee

Mr. O’Neill inquired when the selection committee would start to meet since not all TPO members will not be on the TPO Board after November elections.

Mr. Allender stated that the Executive Committee could do it except Mr. O’Neill will be termed out and not running for re-election, however, the Selection Committee could be comprised of the other four existing Executive Committee members plus one additional board member.

Mr. Holton noted that if the Executive Committee is utilized as the Selection Committee, there are no County Commissioners represented.

Mr. Tobia stated the Selection Committee could be comprised of the members on the Executive Committee and nominated Commissioner Smith to selection committee in place of Mr. O’Neill.

Ms. Meehan clarified the Executive Director Selection Committee would consist of the following members: Mayor Kathy Meehan, Mr. Tres Holton, Mr. Skip Williams, Ms. Betty Moore and Commissioner Smith, if he accepts.

*Motion by Mr. Holton, second by Ms. Moore, to approve the Executive Director Selection Committee Members to oversee the recruiting and hiring of a new Executive Director. Hearing no objections, the motion passed unanimously.*

**Item 6D. Discussion RE: TPO Meeting Time**

Mr. Kamm stated the Central Florida Expressway (CFX) Authority Board meets on the same day and time as the Space Coast TPO Governing Board. This will create a perpetual conflict for Commissioner Barfield who has filled the Brevard County seat. Staff recommends the TPO Board to consider moving the meeting time from 9:00 AM to 2:00 PM on the second Thursday of the month. The change would take effect September 14, 2017.

Ms. Isnardi stated the Commissioners have a budget workshop held at 1:00 PM after the SCTPO Board Meeting. Mr. Allender asked if there would be any objections to starting the meeting at 3:00 PM.

Mr. Williams replied support staff ends their day at 5:00 and some consideration should be given to make sure the meeting ends on time.

*Motion by Mr. Williams, second by Mr. Anderson, to approve the Space Coast TPO Governing Board meeting time to be moved to 3:00 PM on the second Thursday of the month starting September 14, 2017. Hearing no objections, the motion passed unanimously.*

**Item 7A. Draft FY 18 Operating Budget**

Ms. Carter presented the draft FY 2018 Space Coast TPO Operating Budget for programs and projects in the Unified Planning Work Program (UPWP).

On-going activities include:
- Collection of Traffic Counts
- Website maintenance for counts and crash programs
- State of the System

Completion of:
- Wickham Road Operational Analysis
- Aurora Road Corridor Study
- Highway Safety Improvement Project Identification
- Sea Level Rise Analysis

Initiating:
- Sarno Road Corridor Study
- Pinetree Corridor Study
• ADA Bus Stop Analysis Update
• Bicycle/Pedestrian Mobility Plan Update
• 2045 Long Range Transportation Plan

A final budget, with a summary of any significant changes, will be brought back to the TPO in September for final approval.

**Item 7B. SR 524 Corridor Study Update**

Judy Pizzo, FDOT Project Manager and Michelle Kendall, Consultant Project Manager with WSP, Parsons Brinckerhoff presented the SR 524 Corridor Planning Study PowerPoint.

**Item 7C. Staff Report**

Mr. Kamm stated the next Space Coast TPO Governing Board Meeting will be meeting at 3:00 PM not 9:00 AM.

**Item 7D. Public Participation Report**

Ms. Rex presented the Public Participation Report.

**Item 7E. Local Government Report**

Mr. Kamm stated the Parkway construction has recommenced since the pipe issue has been resolved. The crews are working 24/7 and hope to be finished on time, middle of November 2017.

**Item 7F. Regional Coordination Report**

The main focus has been on the Central Florida Expressway relationship. There are four committees within the CFX and the SCTPO is working with county staff on how to serve on those committees.

**Item 7G. FDOT Report**

Ms. Taylor provided an update on current projects in Brevard County

There being no further discussion, the meeting adjourned at 11:04 a.m.
ITEM NUMBER 5B

Approval RE: Committee Appointments

Lisa Hickman
lisa.hickman@brevardfl.gov

DISCUSSION:

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<th>Name</th>
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<tr>
<td>Derek Burr</td>
<td>TAC</td>
<td>City of Palm Bay</td>
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<td>Eric Hoppenbrouwer</td>
<td>CAC</td>
<td>BoCC District 4</td>
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<td>Terry Jordan</td>
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<td>Space Coast Area Transit</td>
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<td>Disabled Representative</td>
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<td>Fred McMillian</td>
<td>TDLCB-ALT</td>
<td>Elderly/Person over 60</td>
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<td>Camille Tate</td>
<td>TDLCB-ALT</td>
<td>Disabled Representative</td>
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<tr>
<td>Robert Wise</td>
<td>TDLCB-ALT</td>
<td>Citizen Advocate/System User</td>
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Updated listing of Committee Members for the Brevard County Local Coordinating Board for Transportation Disadvantaged Program provided.

Re: BPTAC Non-Active Members: In accordance with SCTPO Policies, the SCTPO Governing Board has the authority to remove any member of the BPTAC who has missed three or more consecutive meetings. We request the removal of three non-active members who have not attended a BPTAC meeting in over a year. They have been notified of their removal and absenteeism and given the opportunity to respond; none did. The non-active members are:

- Jill Bakken, Citizen – Cocoa
- Jimmy Karp, Space Coast Velo Sports Club
- Marc Van Heden, Space Coast Velo Sports Club

REQUESTED ACTION:

1. Approve requested committee appointments.
2. Ratify the Brevard County Local Coordinating Board for Transportation Disadvantaged Program roster.
3. Remove non-active BPTAC members.

ATTACHMENTS:

- City Clerk Terese Jones to Lisa Hickman, August 7, 2017, RE: Ms. Derek Burr appointment to TPO TAC, Attachment A
- Deputy Clerk Tammy Rowe to cc Transportation Director, July 12, 2017, RE: Eric Hoppenbrouwer appointment to TPO CAC, Attachment B
- Director Jim Liesenfelt to Executive Director Bob Kamm, July 18, 2017, RE: Terry Jordan, Transit Planner appointment to BPTAC, Attachment C
- George Litteral to Lisa Hickman, August 28, 2017, RE: George Litteral, Citizen appointment to BPTAC, Attachment D
- Local Coordinating Board 2017 Committee Members, Attachment E
- Sarah Kraum to Jill Bakken, July 12, 2017, RE: BPTAC, Attachment F
- Sarah Kraum to Jimmy Karp, July 12, 2017, RE: BPTAC, Attachment G
- Sarah Kraum to Marc Van Heden, July 12, 2017, RE: BPTAC, Attachment H
August 7, 2017

Ms. Lisa Hickman  
Brevard County  
Space Coast Transportation Planning Organization  
2725 Judge Fran Jamieson Way, Building B  
Viera, FL 32940  

Dear Ms. Hickman:

Please be advised that Ms. Derek Burr, Growth Management Director, will serve as the City of Palm Bay’s representative to the Technical Advisory Committee and Patrick Murphy, will be the alternate. This is in accordance with Regular Council Meeting No. 2017-19 held on August 3, 2017.

Agendas and any other correspondence can be sent to them at the email below.

Derek Burr, Growth Management Director  
(321) 733-3041  
Derek.Burr@palmbayflorida.org  

Patrick Murphy, Assistant Director  
Patrick.Murphy@palmbayflorida.org  
(321) 733-3042  

If you have any questions, please contact the Office of the City Clerk at 952-3414.

Sincerely,

CITY OF PALM BAY

Terese M Jones, CMC  
City Clerk  

cc: Gregg Lynk, City Manager  

jcd
July 12, 2017

Eric Hoppenbrouwer
2727 Mariah Drive
Melbourne, FL 32940

Dear Mr. Hoppenbrouwer:

Re: Appointment to Transportation Planning Organization Advisory Board

On the recommendation of Commissioner Curt Smith, the Board of County Commissioners, in regular session on July 11, 2017, acknowledged your appointment to the Transportation Planning Organization Advisory Board, replacing Francis Clifford. Said term of appointment expires December 31, 2017. Enclosed are memorandums explaining the Sunshine Law and 2016 changes to Voting Conflict Law for your information.

Your willingness to serve the citizens of Brevard County in this capacity is always appreciated.

Sincerely,

BOARD OF COUNTY COMMISSIONERS
SCOTT ELLIS, CLERK

Tammy Rowe, Deputy Clerk

/dt

Encls. (2)

cc: Commissioner Smith
Transportation Planning Director
TO: Bob Kamm, Executive Director  
Space Coast Transportation Planning Organization  

FROM: Jim Liesenfeldt, Director  
Brevard County Transit Services Department  

DATE: July 18, 2017  

SUBJECT: Space Coast Area Transit  

Effective immediately, please note that the Department’s appointment to the BPTC are:  

Primary: Terry Jordan, Transit Planner  
Contact Information —  
Phone: 635-7815 ext. 501  
E-mail: Terry.Jordan@brevardfl.gov  

Thank you for the opportunity to continue participating in the transportation planning activities for Brevard County.  

Cc: Scott Nelson, Transit Services
Hi Lisa,
Yes, I am interested in joining BPTAC, and I do not have a sponsoring agency. I will be joining as an interested citizen.

Please let me know if you need any more information.

Sincerely,

George

George R. Litteral
240 Nemo Circle NE
Palm Bay, FL 32907
## COMMUNITY TRANSPORTATION COORDINATOR (CTC)

<table>
<thead>
<tr>
<th>Name and Address</th>
<th>Representing</th>
<th>*Term</th>
<th>LCB Status</th>
</tr>
</thead>
</table>
| Don Boisvert, Deputy Mayor  
City of Cocoa  
65 Stone St  
Cocoa, FL 32922  
Phone – (321) 433-8488  
Fax – (321)  
Email – dboisvert@cocoafl.org | Chair | Indefinite | Chair |
| William Crane, Exceptional Education Spct  
Transportation Department  
Brevard County School Board  
2901 W. King St.  
Cocoa, FL 32926  
Phone - (321) 633-3680 x14006  
Fax – (321) 633-3693  
E-mail – Crane.William@brevardschools.org | Public Education Community | Indefinite | |
| John Irvine (Temporary)  
Area 6 Project Manager  
605 Suwannee St., MS-49  
Tallahassee, FL 32399-0450  
Phone - (850) 410-5712  
Fax - (850) 410-5752  
TDD 1-800-983-2435  
E-mail – John.Irvine@dot.state.fl.us | Florida Dept. of Transportation | Indefinite | |
| VACANT | Florida Dept of Children & Families | Indefinite | |

## DESIGNATED OFFICIAL PLANNING AGENCY (DOPA)

<table>
<thead>
<tr>
<th>Name and Address</th>
<th>Representing</th>
<th>*Term</th>
<th>LCB Status</th>
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</thead>
</table>
| James Liesenfelt, Director  
Transit Services Department  
Space Coast Area Transit  
401 S. Varr Ave.  
Cocoa, FL 32922  
Phone – (321) 635-7815  
Fax - (321) 633-1905  
E-mail– Jim.Liesenfelt@brevardfl.gov | Multi-Modal Program Specialist  
Space Coast Transportation Plng Org  
2725 Judge Fran Jamieson Wy Bld A  
Melbourne, FL 32940  
Phone - (321) 690-6890  
Fax - (321) 690-6827  
E-mail – Sarah.Kraum@brevardfl.gov | | |
| Diana Yuan  
Assistant County Attorney  
2725 Judge Fran Jamieson Way  
Bldg. C  
Melbourne, FL 32940  
Phone - (321) 633-2090  
Fax - (321) 633-2096  
E-mail Diana.Yuan@brevardfl.gov | COMMISSION FOR TRANS. DISADVANTAGED | | |

## STATE MEDICAID OPERATOR

<table>
<thead>
<tr>
<th>Name and Address</th>
<th>Representing</th>
<th>*Term</th>
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</table>
| James Liesenfelt, Director  
Transit Services Department  
Space Coast Area Transit  
401 S. Varr Ave.  
Cocoa, FL 32922  
Phone – (321) 635-7815  
Fax - (321) 633-1905  
E-mail– Jim.Liesenfelt@brevardfl.gov | Multi-Modal Program Specialist  
Space Coast Transportation Plng Org  
2725 Judge Fran Jamieson Wy Bld A  
Melbourne, FL 32940  
Phone - (321) 690-6890  
Fax - (321) 690-6827  
E-mail – Sarah.Kraum@brevardfl.gov | | |
| Diana Yuan  
Assistant County Attorney  
2725 Judge Fran Jamieson Way  
Bldg. C  
Melbourne, FL 32940  
Phone - (321) 633-2090  
Fax - (321) 633-2096  
E-mail Diana.Yuan@brevardfl.gov | COMMISSION FOR TRANS. DISADVANTAGED | | |
<table>
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<tr>
<th>Name and Address</th>
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</table>
| **Almetia Britton**  
Vocational Rehabilitation  
1970 Michigan Ave, Bldg A  
Cocoa, FL 32926  
Phone – (321) 690-3280  
Fax - (321) 690-3279  
E-mail – Almetia.britton@vr.fldoe.org | Florida Dept. of Education | Indefinite | |
| **Dennis Vannorsdall**  
Veteran Services Office  
2725 Judge Fran Jamieson Way Bldg. B  
Viera, FL 32940  
Phone - (321) 633-2012  
Fax - (321) 637-5432  
E-mail – dennis.vannorsdall@brevardfl.gov | Florida Dept. of Veteran’s Affairs | Indefinite | |
| **VACANT**  
Florida Assoc. of Community Action Agencies rep. Economically Disadvantaged | | Indefinite | |
| **Rocky Randels**  
308 East Central Blvd  
Cape Canaveral, FL 32920-2610  
Phone – (321) 784-5694  
E-mail – rockyrandels1@gmail.com | Persons over Sixty Rep. Elderly of the County | Expires 08/19 | |
| **Felicia Wilson**  
1418 Brook Dr  
Titusville, FL 32780  
Phone – (321) 298-5406  
E-mail – FRW263@aol.com | Disabled Representative | Expires 09/20 | |
| **Linda Howard**  
946 Golden Beach Blvd.  
Indian Harbor Beach, FL 32937  
Phone - (321) 773-2691  
E-mail – lhoward@specialgatherings.com | Citizen Advocate | Expires 11/18 | Vice-Chair |
| **Sara Ann Conkling**  
1305 South Lakemont Dr  
Cocoa, FL 32922  
Phone – (321) 307-2210  
FAX – (321) 228-1835  
E-mail – saraann7@gmail.com | Citizen Advocate/user | Expires 11/18 | |
| **VACANT**  
State Coordinating Council for Early Childhood Services Children at Risk | | Indefinite | |
| **Randy Hunt**  
Senior Resource Alliance  
988 Woodcock Road, Suite 200  
Orlando, FL 32803  
Phone – (407) 514-1802  
Fax - (407) 228-1835  
E-mail huntr@sraflorida.org | Florida Dept. of Elder Affairs | Indefinite | |
| **VACANT**  
Private For Profit or Non-Profit Trans. Industry | | Indefinite | |
| **Milagros Chervoni**  
Agency for Health Care Admin.  
400 W. Robinson St. S-309  
Orlando, Fl. 32801  
Phone - (407) 420-2486  
FAX - (407) 245-0847  
E-mail – Milagros.Chervoni@ahca.myflorida.com | Florida Agency for Health Care Administration | Indefinite | |
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**Alternates**

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<tr>
<td>Carlos M. Colón</td>
<td>Florida Dept. of Transportation</td>
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<tr>
<td>133 S. Semoran Blvd</td>
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<tr>
<td>Orlando, FL 32807-3203</td>
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<tr>
<td>Phone - (407) 482-7860</td>
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<td></td>
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<tr>
<td>Fax - (407) 275-4188</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>E-mail – <a href="mailto:Carlos.Colon@DOT.state.fl.us">Carlos.Colon@DOT.state.fl.us</a></td>
<td></td>
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<tr>
<td>VACANT</td>
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<td>400 W. Robinson St., S-430</td>
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<tr>
<td>Orlando, FL 32801</td>
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<tr>
<td>Phone - (407) 245-0440 x602</td>
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<td>Fax - (407) 245-0575</td>
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<tr>
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<td>Public Education Community</td>
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<td>Jack Giordano</td>
<td>Vocational Rehabilitation or Division of Blind Services</td>
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<td>Division of Blind Services</td>
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<tr>
<td>Cocoa, FL 32926</td>
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<tr>
<td>Phone – (321) 634-3680</td>
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<td>E-mail – <a href="mailto:Jack.Giordano@dbs.fldoe.org">Jack.Giordano@dbs.fldoe.org</a></td>
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<td>VACANT</td>
<td>Florida Dept. of Veteran Affairs Rep. Veterans</td>
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<td>Fred McMillian</td>
<td>Persons over Sixty rep. Elderly of the County</td>
<td>Expires</td>
<td>09/20</td>
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<tr>
<td>5008 N. Cocoa Blvd</td>
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<tr>
<td>Sharpes, FL 32927</td>
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<tr>
<td>Phone – 321-806-3328</td>
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<tr>
<td>E-mail – <a href="mailto:mcmillian.freddie9@gmail.com">mcmillian.freddie9@gmail.com</a></td>
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<tr>
<td>Camille Tate</td>
<td>Disabled Representative</td>
<td>Expires</td>
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<tr>
<td>2945 Kemblewick Dr, Apt 308</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Phone – (321) 610-4889</td>
<td></td>
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<tr>
<td>E-mail – <a href="mailto:Yankiecat1999@cfl.rr.com">Yankiecat1999@cfl.rr.com</a></td>
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<tr>
<td>VACANT</td>
<td>Citizen Advocate</td>
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<tr>
<td>Robert Wise</td>
<td>Citizen Advocate/System User</td>
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<tr>
<td>2215 Capeview St</td>
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<tr>
<td>Merritt Island, FL 32952</td>
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<tr>
<td>Phone – (321) 449-8673</td>
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<tr>
<td>E-mail – <a href="mailto:bobwise32952@bellsouth.net">bobwise32952@bellsouth.net</a></td>
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<tr>
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<tr>
<td>Sarah Lightell</td>
<td>Florida Dept. of Elder Affairs</td>
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<td>Senior Resource Alliance</td>
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<td>988 Woodcock Rd., Suite 200</td>
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<td>Orlando, Fl. 32803</td>
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<td>Phone – (407) 514-1816</td>
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<td>Fax – (407) 228-1800</td>
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<td>E-mail – <a href="mailto:lightells@sraflorida.org">lightells@sraflorida.org</a></td>
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<tr>
<td>VACANT</td>
<td>Private for Profit or Non-Profit Trans. Industry</td>
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<tr>
<td>Charlotte Keller</td>
<td>Designee Agency for Health Care Admin.</td>
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<tr>
<td>400 W. Robinson St. S-309</td>
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<tr>
<td>Orlando, Fl. 32806</td>
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<td>Phone - (407) 420-2496</td>
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<td>FAX - (407) 245-0847</td>
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<tr>
<td>E-mail – <a href="mailto:Charlotte.Keller@ahca.myflorida.com">Charlotte.Keller@ahca.myflorida.com</a></td>
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<td>VACANT</td>
<td>Representative Local Medical Community</td>
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</tbody>
</table>

09/14/17
July 12, 2017

Ms. Bakken,

Thank you for your time, interest, and commitment to the Space Coast Transportation Planning Organization (SCTPO) Bicycle, Pedestrian, and Trails Advisory Committee (BPTAC).

In accordance with SCTPO Policies (see attached) the SCTPO Governing Board may remove any member of the BPTAC who has missed three or more consecutive meetings within a twelve month period.

While evaluating our BPTAC attendance, our records indicate you have not attended a meeting in over a year. We will be recommending to the SCTPO Governing Board the removal of non-active members so that community members on our waiting list have the opportunity to serve on the BPTAC.

If you feel our records are in error, please contact our office.

BPTAC meetings are always open to public and public comment.

Thank you,

Sarah Kraum
Multi-Modal Program Specialist
Space Coast Transportation Planning Organization
Sarah.kraum@brevardfl.gov
July 12, 2017

Mr. Karp,

Thank you for your time, interest, and commitment to the Space Coast Transportation Planning Organization (SCTPO) Bicycle, Pedestrian, and Trails Advisory Committee (BPTAC).

In accordance with SCTPO Policies (see attached) the SCTPO Governing Board may remove any member of the BPTAC who has missed three or more consecutive meetings within a twelve month period.

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If you feel our records are in error, please contact our office.

BPTAC meetings are always open to public and public comment.

Thank you,

Sarah Kraum
Multi-Modal Program Specialist
Space Coast Transportation Planning Organization
Sarah.kraum@brevardfl.gov
July 12, 2017

Mr. Van Heden,

Thank you for your time, interest, and commitment to the Space Coast Transportation Planning Organization (SCTPO) Bicycle, Pedestrian, and Trails Advisory Committee (BPTAC).

In accordance with SCTPO Policies (see attached) the SCTPO Governing Board may remove any member of the BPTAC who has missed three or more consecutive meetings within a twelve month period.

While evaluating our BPTAC attendance, our records indicate you have not attended a meeting in over a year. We will be recommending to the SCTPO Governing Board the removal of non-active members so that community members on our waiting list have the opportunity to serve on the BPTAC.

If you feel our records are in error, please contact our office.

BPTAC meetings are always open to public and public comment.

Thank you,

Sarah Kraum
Multi-Modal Program Specialist
Space Coast Transportation Planning Organization
Sarah.kraum@brevardfl.gov
ITEM NUMBER 5C

Approval RE: Finance & Budget, Resolution 18-03, FY17 UPWP Amendment

Carol Holden
carol.holden@brevardfl.gov

DISCUSSION:

TPO staff is closing out the FY 17 PL Unified Planning Work Program (UPWP). Resolution 18-03 adjusts FY 17 PL Tasks 1.0, 2.0, 5.0 and 7.0 Salaries and Benefits and Other Direct Expenses budgets to reflect actual costs incurred. Overall PL budget and work products remain unchanged. Due to the PL fiscal year end of June 30, and no August TPO Board meeting, Resolution 18-03 was approved by the TPO Executive Director and Chairman and is included for your information.

The third quarterly report for FY 17 reflects the revenues and expenditures for the period of April 1, 2017 through June 30, 2017.

REQUESTED ACTION:

Approve Resolution 18-03, UPWP Amendment #5 and acknowledge receipt of SCTPO FY 17 third quarterly report

ATTACHMENTS:

- Resolution 18-03 amending FY 16/17 Unified Planning Work Program to reflect actual costs incurred, Attachment A
- FY 17 Operating Budget Third Quarterly Report, Attachment B
RESOLUTION amending the FY 16/17 – FY 17/18 Unified Planning Work Program (UPWP) budget of the FY 17 Federal Planning Grant (PL) funds to reflect re-allocation of funds to specific studies and programs.

WHEREAS, the Space Coast Transportation Planning Organization is the designated and constituted body responsible for the urban transportation planning and programming process for the Palm Bay-Melbourne and Titusville Urban Area; and

WHEREAS, this urban transportation planning process includes the development of a biannual work program and budget described by work tasks, of activities to be undertaken during the fiscal year; and

WHEREAS, a work program and budget were developed and approved for FY 16/17 – FY 17/18, for the period of July 1, 2016 through June 30, 2018; and

WHEREAS, the FY 16/17 budget requires an amendment to re-allocate funding levels to tasks 1.0, 2.0, 5.0 and 7.0 to reflect actual costs incurred and services requested and

WHEREAS, these funding level adjustments do not impact any existing programs or activities in the adopted Unified Planning Work Program.

NOW, THEREFORE BE IT RESOLVED by the Space Coast Transportation Planning Organization that an amended budget is adopted for the FY 16/17 – FY 17/18 Unified Planning Work Program.

DONE, ORDERED AND ADOPTED THIS 10TH DAY OF AUGUST, 2017.

SPACE COAST TRANSPORTATION PLANNING ORGANIZATION

KATHY MEEHAN, CHAIRWOMAN

ATTEST:

BOB KAMM, ASSISTANT SECRETARY

SCTPO Resolution 18-03, August 10, 2017
## Revenues

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<th>Current Budget FY 10/17</th>
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<th>2017 July - Sept Quarter 4</th>
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**BALANCE**

|                  | ($0)                   | $857                    | $1,686                    | $1,695                    | $4,238                    |

*Charges are calculated by Brevard County for services provided to the Space Coast TPO through Interlocal Agreement. Services include finance, human resources, risk management, budget, and purchasing.*
ITEM NUMBER 5D

Approval RE: Resolution 18-06, FY18 Operating Budget

Carol Holden
carol.holden@brevardfl.gov

DISCUSSION:

A final operating budget has been prepared covering the period of October 1, 2017 through September 30, 2018. The $2,139,149 budget reflects the programming of the Space Coast TPO’s grants from the Federal Highway Administration, Federal Transit Administration, and a Service Agreement with the Board of County Commissioners.

The Draft FY 18 operating budget was presented to the Board in July, 2017. The only change from the July presentation was to update the estimated Federal Transit Administration Grant (FTA) with actual figures, resulting in an additional $62,535.

Approval of FY 18 Operating Budget includes Advance Travel as listed in Attachment B. Any overnight travel that may come up during the course of the year not included in this list will be brought to the Board for pre-approval on a case by case basis. Implementation of the FY 18 Operating Budget will occur on October 1, 2017.

REQUESTED ACTION:

Approve Resolution 18-06, Space Coast TPO FY 2018 Operating Budget

ATTACHMENTS:

- Resolution 18-06, Adoption of Space Coast TPO FY 18 Operating Budget
- Space Coast TPO FY 2018 Operating Budget Summary, Attachment A
- FY 18 TPO Advance Travel, Attachment B
RESOLUTION 18-06

RESOLUTION adopting the Fiscal Year 2018 Space Coast Transportation Planning Organization’s operating budget.

WHEREAS, the Space Coast Transportation Planning Organization is the designated and constituted body responsible for the urban transportation planning and programming process for the Palm Bay-Melbourne and Titusville Urban Area; and

WHEREAS, this urban transportation planning process includes the development of an annual operating budget for the time period of October 1st through September 30th, that provides for the daily operations and administrative support of the Space Coast TPO; and

WHEREAS, the $2,139,149 revenue and expenditure budget were developed, as displayed in Attachment “A” for Fiscal Year 2018, the period of October 1, 2017 through September 30, 2018; and

WHEREAS, the programmed funds will be used to implement the work activities identified in the Fiscal Year 2016/2017 – 2017/2018 Unified Planning Work Program.

NOW, THEREFORE BE IT RESOLVED by the Space Coast Transportation Planning Organization adopts the Fiscal Year 2018 Operating Budget.

DONE, ORDERED AND ADOPTED THIS 14TH DAY OF SEPTEMBER, 2017.

SPACE COAST TRANSPORTATION PLANNING ORGANIZATION

KATHY MEEHAN, CHAIRWOMAN

ATTEST:

T. PATRICK O’NEILL, VICE-CHAIRMAN
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<th></th>
<th>Actual FY 15/16</th>
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DISCUSSION:

The City of Melbourne and Brevard County submitted Sarno Road for a corridor study to explore the potential to implement a roadway reconfiguration project to improve pedestrian and bicycle facilities as well as to address safety issues, traffic operations, and transit movements along the corridor. Sarno Road is a key east/west road in Brevard County. The study limits start at Eau Gallie Boulevard, just east of I-95, on the west and ending at US 1, to the east.

TPO staff requested its general planning consultant, Atkins, to develop a scope of services that would analyze the corridor and identify what improvements are appropriate to address multi-modal needs. An implementation plan will be developed with short, medium, and long term recommendations for project implementation. The total fee for the study is $257,750.00.

REQUESTED ACTION:

Approve Work Order 18-01A, Sarno Road Corridor Study

ATTACHMENTS:

- Work Order 18-01A, Sarno Road Corridor Study Scope of Service
A. INTRODUCTION

The Sarno Road Corridor Study will explore the potential to implement a roadway reconfiguration project to improve pedestrian and bicycle facilities as well as to address safety issues, traffic operations, and transit movements along the corridor. Sarno Road is a key east/west road in Brevard County, starting at Eau Gallie Boulevard, just east of I-95, on the west and ending at US 1, to the east. Figure 1 displays the location of the study limits.

Sarno Road within the study limits is classified as Urban Minor Arterial and consists of multiple cross sections: two-lane divided (center turn lane), four-lane divided (center turn lane) and undivided cross sections (four travel lanes, two in each direction). The majority of Sarno Road has a closed drainage system with curbs and sidewalks along a majority of the east end of the corridor and an open drainage system with minimal sidewalks along a majority of the west end of the study corridor.

Existing traffic volumes on Sarno Road from Eau Gallie Boulevard to Wickham Road are approximately 16,800 vehicles per day. From Wickham Road to Apollo Boulevard the average volume is 20,000 vehicles per day. From Apollo Boulevard to US 1 the average vehicles per day are 15,000. The study corridor has experienced volume-to-capacity ratios ranging from 0.51 to 0.74 in 2015 based on the Space Coast Transportation Planning Organization's (TPO) annual State of the System Report. The study corridor has experienced on average 51 crashes per year over the past 5 years, with 12 involving...
pedestrians or bicyclists.

Automobile oriented commercial/retail land uses and residential land uses are directly adjacent to the corridor while single family subdivisions surround those commercial/retail parcels. Four schools are also located within a mile of the study corridor and a regional park is located on the southeast corner of Sarno Road and Wickham Road intersection.

B. DESCRIPTION OF SERVICES

Atkins (CONSULTANT) will assist the TPO in performing the Sarno Road Corridor Study. The goals of the study are as follows:

- Assess traffic operations along the segments and at signalized intersections.
- Assess alternatives to provide improved pedestrian/bicycle/transit facilities along the length of the corridor with an emphasis at signalized intersections and recommend a feasible preferred alternative targeting multi-modal mobility.
- Assess cross section changes, such as constructing raised medians, to reduce vehicular conflicts and improve safety along the corridor.
- Solicit input from the public and a Project Advisory Team throughout the course of the project. This team will provide guidance to the CONSULTANT when recommending the preferred alternative.

C. MAJOR TASKS

The CONSULTANT will assist the TPO with the following major tasks:

- Prepare for and lead one multi-day planning charrette and three (3) Project Advisory Team meetings.
- Perform general data collection activities including:
  - Review right-of-way maps along the study corridor;
  - A field review to observe existing operational conditions and corridor characteristics; and
  - A utility verification for existing utilities along the study corridor.
- Perform an existing conditions analysis which includes:
  - Historical safety review for last five years;
  - Existing and future land use as well as current zoning;
  - Existing corridor and intersection operational analysis;
  - Existing transit facilities and transit operations; and
  - Issues and opportunities identification.
• Perform a future conditions assessment including the following tasks:
  o Determine future growth rates;
  o Forecast traffic volumes; and
  o Perform future no-build operational analysis.

• Develop and analyze alternatives involving:
  o Development of cross sections and roadway alternatives;
  o Drainage and impacted utilities assessments;
  o Development of preliminary cost estimates; and
  o Analyze operational/multi-modal measures of effectiveness and recommend a preferred alternative.

As documented in Part D of this scope, the CONSULTANT will develop a schedule during the project's first month and keep the schedule current throughout the project's duration. The following subsections describe each task to be performed.

TASK 1: PUBLIC AND PROJECT ADVISORY TEAM MEETINGS

As part of the Sarno Road Corridor Study, the CONSULTANT will prepare for and lead three Project Advisory Team meetings and a multi-day public charrette. The following work activities are anticipated in preparation for the Project Advisory Team and public meetings:

1.1 Project Advisory Team
  o Identification of Project Advisory Team: It is anticipated the CONSULTANT will work with the TPO to identify appropriate members of the Project Advisory Team. Members of the Project Advisory Team are anticipated to represent local agencies along the corridor, such as Brevard County, the City of Melbourne, the Florida Department of Transportation, members from schools located near the study corridor, and local law enforcement.

  o Project Advisory Team Meetings (3): The Project Advisory Team will be engaged in the review of products and at key decision points during the operational and alternatives analysis process and will assist in the development of recommendations.

1.2 Public Meeting: Project Charrette
  o The Consultant will participate in a one-day pre-charrette visit to coincide with the first Project Advisory Team meeting to meet with the project partners and selected stakeholders, and tour and photograph the areas to assess existing conditions. This will allow the team to identify any issues/areas of concern within the field and to preliminarily assess the potential effectiveness and practicality of improvements.

  o The project will include a multi-day charrette which shall serve as the centerpiece of this community-based planning effort, and the charrette will
take place over several days over the course of a week. The purposes of this event are to establish the guiding principles and proposed multimodal design solutions for each segment along the corridor. The CONSULTANT will coordinate charrette activities with assistance from facilitators. The conceptual schedule of events for each charrette includes:

**Charrette Day One**

- Pre-Charrette Visit and Project Advisory Team meeting to identify key issues and articulate direction. The CONSULTANT will prepare the Project Advisory Team and the TPO Staff for the charrette activity and follow up on any information and/or issues arising from discussions and data collection efforts held in prior weeks.

- Opening presentation with input activities (i.e. weekday evening; approximately 2 hours). This presentation will brief those in attendance of the project’s purpose, fundamental Complete Street concepts and best practices, process, schedule and locations and existing features of the corridors, including initial opportunities and deficiencies. Develop potential “talking points” related to Corridor conditions (i.e. traffic, safety, land uses, TOD potential, sense of place, etc.)

**Charrette Day Two**

- Corridor Workshop (Workshop with facilitated site walks), and small group table map activities (i.e. weekday morning; 4 hours). The intent of these community workshops will be to provide participants with an “on the ground” experience in order to identify and highlight issues, areas of concern, needed improvements, and opportunities for and constraints to improvements. In addition to the walking tours, bus tours (utilizing Space Coast Transit vehicles) may be a part of the community workshop in order to gain perspective of the corridor from a transit rider’s point of view. Following the tour, participants will join back together to further discuss and flesh out ideas and concepts (i.e. weekday afternoon; 4 hours).

**Charrette Days 3 & 4**

- Two days of on-site production with Open Studio hours in a work space provided by the TPO, or other entity. During this time, the entire CONSULTANT design team will collaborate on concept development to produce conceptual designs based on input from the Corridor Tour/Workshop and stakeholder interviews, and review of background information. In an “open design studio” format, time will be spent receiving input from public and interviews, data analysis, creating concepts, critiquing designs, and refining alternatives. Critiques will begin with the CONSULTANT design team and then expand to include the
Project Advisory Team and TPO staff. Project objectives will be used to evaluate and refine concepts. A meeting with the stakeholders will be scheduled on a weekday morning, and a pinup session will be scheduled for same evening. The design team will present a “work in progress” presentation to all participants for input on final direction.

- The Open Studio will continue the following day with the closing presentation of preliminary design recommendations and concepts in the evening (approximately 2 hours). This presentation of concepts will be the culmination of input gathered from the Project Advisory Team input and public input during the charrette. Concept boards and maps may also be displayed showing the preliminary design recommendations.

- The CONSULTANT will participate in all events and develop recommendations and design concepts during the production days and presentation at a closing meeting with Project Advisory Team.

- For the project charrette, the CONSULTANT will prepare the following:
  - Project Summary/Overview Handout for distribution at the meetings.
  - Multi-media presentation and equipment; meeting equipment set-up and tear-down.
  - Meeting notifications: The CONSULTANT will work with TPO staff to generate a mailing list for meeting notifications. This includes letters to elected and appointed officials, legal advertisements, post card mailings to property owners and other interested parties, and e-mail notifications to the Project Advisory Team. The CONSULTANT will pay the cost of publications and first class postage as applicable (up to $1,500).
  - News releases for use 14 days prior to meeting. The CONSULTANT will pay for the cost of publishing the press release in one local newspaper.
  - Summary notes of all meetings to be provided to the TPO no later than 10 business days after the meeting.

With input from the TPO, the CONSULTANT will secure a site to host the project charrette. The CONSULTANT will attend the meetings with an appropriate number of personnel to assist TPO Staff. Other public outreach and information activities will include:

- Branding
  In order to make the study feel relevant and important to target audiences, the CONSULTANT will work with the TPO staff to develop a user-friendly, clear name for the study.
• Survey Tool
The CONSULTANT will work with the TPO staff to develop an appropriate survey tool to meet the need outlined in the corridor study. Strategically, this tool will have questions geared towards both residents and commuters.

• Website Landing Page
Once the study has been branded, the CONSULTANT will create a web landing page that will function as the main source of information about the study. This page will be housed on the TPO's website and will remain active throughout the study. This page will be designed to be in line with the survey brand so that when users arrive on the page, they know they're in the correct place to learn about the study. The landing page can be used to:

  o Direct users to the online survey
  o Announce public meetings and workshops about the study
  o Gather email addresses from those interested in the project
  o Direct users to the Space Coast TPO page for more information

• Online Advertising
Raising awareness of the study is imperative for collecting public input. To maximize study exposure with the target audiences, the CONSULTANT recommends a combination of Facebook and Google AdWords. These ads will be geo-targeted to identify those who live along the four-mile corridor of Sarno Road and those who travel that route. Ads will run for four weeks leading up to the charrette and for the duration of the online survey.

• Public Relations
To get exposure amongst the general public, the CONSULTANT recommends two public relations pushes for this project. Both efforts will target print, online, radio and television outlets in the area.

  o One effort will announce the launch of the study and will encourage online survey participation.
  o The second effort will announce the charrette and call for residents and commuters to come and share their thoughts.

• Eblast
The CONSULTANT will provide the TPO staff with one eblast to interested residents. The design will be in line with the branding, and the eblast will include a direct call-to-action, asking recipients to participate in the study. The eblast will contain a link to the landing page in order to access the latest information about the study.
If the TPO anticipates posting study-related information on the website, the CONSULTANT will provide project information, graphics, and other materials generated for major deliverables, public, and Project Advisory Team coordination meetings in a suitable format for posting as requested.

**Task 1 Deliverables**

- *Meeting materials such as presentations, notifications, and meeting boards will be made available to the TPO for review prior to the meetings.*
- *Meeting notes from each of the meetings will be prepared and distributed amongst the Project Advisory Team.*
- *Public Involvement Documentation Report*

**TASK 2: DATA COLLECTION**

**2.1 Traffic Data Collection**

The TPO will collect turning movement count data at all signalized intersections and key unsignalized intersections on the corridor during the AM and PM peak hours. The CONSULTANT will review the counts collected for reasonableness and consistency along the study corridor. It is anticipated the CONSULTANT will obtain daily segment volumes from the TPO's State of the System (SOS) traffic count data set.

**2.2 Field Review**

The CONSULTANT will perform two field reviews over the course of the project:

- During the Existing Conditions Analysis task to observe operational characteristics in the AM and PM peak hours. This field review will also consist of verifying intersection/cross sectional geometrics along with the existing pedestrian, bicycle, and transit facilities. This review will also include a night review to observe lighting levels along the corridor.

- During the Alternatives Analysis task to verify specific roadway characteristics that may impact concept development features. This may include the location of driveways, curb returns, drainage inlets, open swales, utilities, or review of locations where potential conflicts between the roadway elements and proposed concepts may exist.

**2.3 Right-of-Way Review**

The CONSULTANT will coordinate with the Florida Department of Transportation (FDOT), Brevard County and the City of Melbourne to review ROW information within the limits of the study corridor. The ROW maps will be compared to the GIS parcel lines and utilized during Alternatives Analysis.

**2.4 Utility Verification**

The CONSULTANT will verify utilities along the corridor via a Sunshine One Call and readily available plans obtained from Brevard County and/or the City of Melbourne, and
the Florida Department of Transportation. The Sunshine One Call will provide a list of potential utility providers in the area and a field inspection will be completed to provide visual confirmation of the utilities. Local cities will be contacted to obtain GIS utility information that is available and additional data will be conducted through a field review. These utilities will be mapped in GIS/CADD for use during the Alternatives Analysis.

2.5 General Data Collection
The following items are anticipated to be collected as part of the data collection effort:

- Signal timing/phasing information for the study intersections.
- Existing transit data in the corridor including route information, schedules, ridership, transit facilities, and future transit plans.
- Planned and programmed roadway projects in the area. This will also include a request for any approved but unbuilt access permits on the corridor.
- Recently completed projects in the area.
- Existing and future land use plans.
- GIS data illustrating available information within the study area. This data generally consists of wetland, floodplains, threatened/endangered species and habitat, contamination, and cultural/historic sites used to identify fatal flaws with potential alternatives.

Task 2 Deliverables
- A data collection summary will be included in the Existing Conditions Report as defined in Task 3.

TASK 3:EXISTING CONDITIONS ANALYSIS

3.1 Historical Safety Review
The CONSULTANT will obtain 2012 to 2016 crash data using CARS and Signal 4 Analytics and summarize corridor wide and intersection crash trends. The CONSULTANT will prepare collision diagrams for the pedestrian and bicycle crashes along the corridor and note any transit related crashes. The CONSULTANT will also create collision diagrams for up to three high crash locations along the study corridor.

3.2 Existing Corridor Operational Analysis
Using the travel characteristics data collected for the study corridor, the CONSULTANT will perform a level of service (LOS) evaluation per Highway Capacity Manual (HCM) procedures as they apply to roadway intersections and segments for the AM and PM peak hours. The existing conditions analysis will be performed for six (6) signalized intersections and up to three (3) unsignalized intersection within the study corridor.

3.3 Issues and Opportunities Identification
Based on the existing conditions analysis, the CONSULTANT will review the data collected to identify the preliminary issues and opportunities along the corridor. This will include
issues and opportunities based on safety, traffic operations, and pedestrian/bicycle/transit mobility obtained through review of previous studies, field reviews, coordination with agencies, previous public workshops/meetings, the multi-day charrette, operational analysis, and other publicly available data sources such as agency GIS resources and the TPO databases.

Task 3 Deliverables

- The results of the existing conditions analysis will be summarized within the Existing Conditions Report. It is anticipated the TPO will review the report and the CONSULTANT will incorporate comments/edits before finalizing.
- Two (2) hard copies of the Existing Conditions Report will be prepared for the TPO once the report is finalized.

TASK 4: FUTURE CONDITIONS ASSESSMENT

4.1 Determination of Future Growth Rate

As part of the Sarno Road project, the CONSULTANT will run an "off the shelf" model to evaluate projected traffic growth in the area utilizing the latest version of the Central Florida Regional Planning Model (CFRPM). As part of this task, programmed and planned roadway improvements will be verified, documented, and included into the transportation model and the CONSULTANT will prepare a year 2040 baseline future model for the study corridor (no interim year models will be developed). No subarea model will be created for the Sarno Road project.

In order to determine future growth for the Sarno Road study corridor, the CONSULTANT will review the future traffic growth forecast supplied in the model results. The model growth rate will be one source the CONSULTANT will utilize to determine future traffic growth along Sarno Road.

In addition to the model growth rates, historical traffic growth rates and future Florida Bureau of Economic and Business Research (BEBR) population growth rates will be reviewed for applicability. Based on the three growth rate sources discussed, the CONSULTANT will propose an appropriate growth rate or rates to the Project Advisory Team to be utilized for the future traffic projections along the study corridor.

4.2 Traffic Volume Projections

The existing AM and PM peak-hour turning movement volumes for the study corridor will be forecast to the opening year (specific year to be determined by the Project Advisory Team) utilizing the growth rate discussed in Task 4.1. These projected volumes will be used for the future intersection LOS analysis and determination of potential intersection improvements.

The growth rate will also be applied to AM and PM peak-hour segment volumes to determine capacity needs on a segment level.
4.3 Future No-Build Operational Analysis

Using the future traffic volumes projected for the opening year of the study corridor, the CONSULTANT will perform a LOS evaluation per Highway Capacity Manual (HCM) procedures as they apply to roadway segments and intersections. The future conditions analysis will be performed for the same three signalized intersections and one unsignalized intersection as in the existing conditions analysis. A HCM based segment analysis will be performed for the roadway segments as defined in the existing conditions analysis.

Task 4 Deliverables

- The results of the future conditions analysis will be summarized within the Future Conditions Report. It is anticipated the TPO will review the report and the CONSULTANT will incorporate comments/edits before finalizing.
- Two (2) hard copies of the Future Conditions Report will be prepared for the TPO once the report is finalized.

TASK 5: ALTERNATIVES ANALYSIS

5.1 Development of Initial Roadway Alternatives

The CONSULTANT will develop up to five initial roadway alternatives for the corridor that address corridor needs, goals, and objectives identified in Task 1 and are feasible based on the Future Conditions Assessment discussed in Task 4. These alternatives will provide accommodations for safe and efficient vehicle, pedestrian, bicycle, and transit modes of travel. These initial alternatives will be presented in the form of cross sections as well as before and after renderings to the Project Advisory Team to help facilitate thought and feedback. The five initial alternatives will also be presented at the final meeting of the charrette to gain insight and feedback from the public on which alternative(s) should move forward to concept development.

5.2 Drainage Assessment

The CONSULTANT will perform a drainage analysis for the five cross section alternatives as part of this task. Drainage assessment items include:

- Delineate existing drainage basins, patterns and outfalls;
- Perform existing condition drainage calculations to determine max pre-development flow rates;
- Perform proposed condition drainage calculations to determine post development flow rates as well as water quality requirements;
- Analyze existing storm water management facilities for possible accommodation of proposed conditions;
- If needed, determine suitable pond sites to accommodate proposed drainage requirements; and
- Summarize design considerations for pond if a new pond is proposed.

As part of this task, one meeting will be held with Brevard County, City of Melbourne and
FDOT Brevard Maintenance and Drainage staff to review details about the drainage impacts for each of the five cross section alternatives developed.

5.3 Impacted Utilities Assessment
The CONSULTANT will review the utility conflicts for up to five cross section alternatives and provide preliminary cost estimates for the impacted utilities, if necessary.

5.4 Alternatives Analysis
The CONSULTANT will develop an evaluation matrix including several measures of effectiveness to compare the no-build alternative and the five initial roadway alternatives developed in Task 5.1. Measures of effectiveness will include quantifiable criteria as well as qualitative criteria that fulfill the corridor needs, goals and objectives, and are based on the guiding principles identified in Task 1. Examples of quantifiable measures could include multi-modal LOS, automobile travel time, intersection and segment LOS, transit operations, drainage and utilities impacts, safety improvements based on crash modification factors, and/or construction costs. Examples of qualitative measures can include quality of pedestrian realm, bicycle level of stress, and/or quality of amenities for transit users.

The CONSULTANT will prepare a preliminary construction cost estimate for the preferred alternative using the conceptual roadway layouts. Utility relocations and drainage ponds, if needed, will be included in the construction cost estimates. This section will also list potential funding options for implementation.

5.5 Select Preferred Alternative
A preferred alternative will be selected based on the results of the alternatives analysis process outlined in Task 5.4. The preferred cross section alternative may be one of the five alternatives considered or some combination of those alternatives. Once the preferred cross section is selected, signalized intersection approach cross sections will be developed for up to six intersection approaches. These cross sections will be utilized to develop the CADD concept for the corridor, as discussed in the next subtask.

5.6 Development of Roadway Concept
The preferred cross section alternative will be drafted in CADD over the background of an existing satellite aerial image. The concept will be provided to the Project Advisory Team in the form of roll plot and figure set for review and comment. The goal of developing the concept in CADD is to explore potential constraints with the cross sections and identify access management opportunities.

5.7 Development of Implementation Plan
The CONSULTANT, in coordination with the Project Advisory Team, will develop an implementation plan for the projects identified in this task. The plan will include short, medium, and long term recommendations for project implementation.
Task 5 Deliverables

- The results of the Alternatives Analysis will be summarized within the Corridor Alternatives and Strategies Report. It is anticipated the TPO will review the report and the CONSULTANT will incorporate comments/edits before finalizing.
- Two (2) hard copies of the Corridor Alternatives and Strategies Report will be prepared for the TPO once the report is finalized.

D. ADDITIONAL PROJECT MEETINGS AND PRESENTATIONS

Kick-Off Meeting: The CONSULTANT will attend a kick-off meeting with TPO staff and the Project Advisory Team to discuss the goals and anticipated outcomes of the project.

Project Status Meetings: Up to two (2) members of the CONSULTANT team will attend up to four (4) additional meetings with TPO staff to discuss project progress and receive input on tasks completed. The purpose of these meetings is to maintain clear communication between the TPO and the CONSULTANT team. The CONSULTANT will prepare a meeting agenda and prepare/distribute meeting notes following each of these meetings.

Project Presentations: It is anticipated the CONSULTANT will make three (3) presentations approximately halfway through the study and three (3) presentations at the conclusion of the study to the following organizations:

- Presentation to the Space Coast TPO Technical Advisory Committee (TAC) and Citizens Advisory Committee (CAC);
- Presentation to the TPO Board; and
- Presentation to the City of Melbourne City Council.

The CONSULTANT will be responsible for preparing the PowerPoint presentation but will coordinate with the TPO on what will be included in the presentation.

Project Meetings and Presentation Deliverables

- Meeting notes will be prepared and distributed amongst the Project Advisory Team.

E. PROJECT ADMINISTRATION

Quality Assurance/Quality Control: The CONSULTANT team will designate appropriate senior staff to conduct Quality Assurance/Quality Control (QA/QC) reviews of work products.

Project Schedule: The CONSULTANT will prepare and submit a detailed project schedule identifying major tasks, their durations, and tasks relationships. (within first 30 days after receipt of NTP. The CONSULTANT is responsible for keeping the schedule updated...
to date. The beginning date of the services will be the date of authorization for this work order. Any changes to the schedule necessitated by circumstances outside the CONSULTANT's control will be coordinated with TPO staff. It is anticipated that all work tasks will be completed within 18 months of Notice to Proceed.

**Invoices:** Invoices will be prepared in the format prescribed by the TPO. A detailed invoice including a narrative description of the work performed by the CONSULTANT during the period covered by the invoice for each item in the scope will be submitted. The final invoice will be labeled "Final" and project close out procedures will be followed.

**Budget:** This work will be completed as a lump sum task order. **Table 1** displays the budget breakdown for Atkins. A detailed summary budget table for Atkins is attached.

**Project Administration Deliverables**
- *Project Schedule (initial and updates when necessary)*
- *Monthly Progress Reports*
- *Project Administration*

**Table 1: Budget Breakdown**

<table>
<thead>
<tr>
<th>Firm</th>
<th>Fees</th>
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<tr>
<td>Atkins</td>
<td>$212,500.00</td>
</tr>
<tr>
<td>Alta Planning &amp; Design</td>
<td>$30,250.00</td>
</tr>
<tr>
<td>BowStern</td>
<td>$15,000.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$257,750.00</strong></td>
</tr>
</tbody>
</table>
ITEM NUMBER 5F

Approval RE: Resolution 18-07, Central Florida Metropolitan Planning Organization Alliance (CFMPOA) FY18 Regional Project Priorities

Georganna Gillette
georganna.gillette@brevardfl.gov

DISCUSSION:

The Central Florida Metropolitan Planning Organization Alliance (CFMPOA) has been an active six-MPO forum for more than a decade, meeting quarterly to address regional transportation issues and legislative items.

Each MPO works through the CFMPOA to collectively benefit from a regional prioritization process. Through a unified approach additional funding resources can be leveraged by working as an Alliance with the Florida Department of Transportation (FDOT).

Three categories have emerged through the consensus-building process to include the following: Strategic Intermodal System projects, Regional Trails, and Regional Transit projects. The CFMPOA prioritization process will follow the order within each MPO’s list while melding the five lists into one regional list.

Once each MPO has taken final action in September on the CFMPOA Regional Project List, the finalized list will be presented to the Alliance at the October meeting for ratification and the regional list will be formally transmitted to the FDOT.

REQUESTED ACTION:

Adoption of Resolution 18-07, adopting the Central Florida MPO Alliance 2018 Regional Project Priorities

ATTACHMENTS:

- Resolution 18-07, Central Florida MPO Alliance 2018 Regional Project Priorities
RESOLUTION endorsing the Central Florida MPO Alliance 2018 Regional Project Priorities.

WHEREAS, the Space Coast Transportation Planning Organization (TPO) is the designated and constituted body responsible for the urban transportation planning and programming process for the Palm Bay-Melbourne-Titusville Urbanized Area; and

WHEREAS, the TPO is a member of the Central Florida MPO Alliance along with Metroplan Orlando, the River to Sea TPO, the Marion County TPO, the Lake-Sumter TPO and the Polk TPO; and

WHEREAS, in FY 2016/2017 the Central Florida MPO Alliance adopted a list of regional project priorities for the Strategic Intermodal System, transit and trails; and

WHEREAS, the project priorities list has been updated to reflect completed implementation phases and funding commitments, as detailed in Attachment “A”; and;

NOW, THEREFORE BE IT RESOLVED by the Space Coast Transportation Planning Organization that the Space Coast Transportation Planning Organization endorses the Central Florida MPO Alliance 2018 Regional Project Priorities.

DONE, ORDERED AND ADOPTED THIS 14TH DAY OF SEPTEMBER, 2017.

ATTEST:

____________________________________________________
KATHY MEEHAN, CHAIRPERSON

____________________________________________________
T. PATRICK O’NEILL, VICE-CHAIRMAN
<table>
<thead>
<tr>
<th>#</th>
<th>Project Name</th>
<th>From</th>
<th>To</th>
<th>Length (Miles)</th>
<th>Work Description</th>
<th>Latest Project Phase Funded</th>
<th>MPO/TPO</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Ellis Rd Widening</td>
<td>I-95 (John Rhodes Blvd)</td>
<td>Wickham Rd.</td>
<td>2.00</td>
<td>Widening 2 to 4 Lanes</td>
<td>ROW 2020-2023</td>
<td>CST</td>
</tr>
<tr>
<td>2</td>
<td>I-75 Interchange Impr. at SR 40</td>
<td>SW 40th Avenue</td>
<td>---</td>
<td>1.25</td>
<td>Operations and capacity improvements</td>
<td>Design underway; ROW $8M 2017-18-2018/19</td>
<td>CST</td>
</tr>
<tr>
<td>3a</td>
<td>I-4*</td>
<td>S of SR 528/Beachline Expwy.</td>
<td>W of SR 435/Kirkman Rd.</td>
<td>3.90</td>
<td>Ultimate Configuration for General Use &amp; Managed Lanes</td>
<td>CST 2019/20</td>
<td>MetroPlan</td>
</tr>
<tr>
<td>3b</td>
<td>I-4*</td>
<td>W of CR 532 (Polk/Osceola Line)</td>
<td>W of SR 528/Beachline Expwy.</td>
<td>16.45</td>
<td>Ultimate Configuration for General Use &amp; Managed Lanes</td>
<td>ROW 2017/18-2021/22</td>
<td>CST</td>
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<tr>
<td>4a</td>
<td>I-4*</td>
<td>E of SR 434</td>
<td>Seminole/Volusia Co. Line</td>
<td>10.30</td>
<td>Ultimate Configuration for General Use &amp; Managed Lanes</td>
<td>Partial ROW 2021/22</td>
<td>ROW/CST</td>
</tr>
<tr>
<td>4b</td>
<td>I-4*</td>
<td>Volusia/Seminole Co. Line</td>
<td>SR 472</td>
<td>---</td>
<td>Ultimate Configuration for General Use &amp; Managed Lanes</td>
<td>PE 2016/17</td>
<td>ROW/CST</td>
</tr>
<tr>
<td>4c</td>
<td>I-4*</td>
<td>W of US 27</td>
<td>W of CR 532 (Polk/Osceola Line)</td>
<td>---</td>
<td>Ultimate Configuration for General Use &amp; Managed Lanes</td>
<td>PE 2015/16</td>
<td>ROW/CST</td>
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<tr>
<td>5</td>
<td>SR 15 (US 17)</td>
<td>Ponce de Leon Blvd.</td>
<td>SR 40</td>
<td>---</td>
<td>Widen to 2 Lanes</td>
<td>ROW 2014/15</td>
<td>CST</td>
</tr>
<tr>
<td>6</td>
<td>SR 528 (Turnpike)</td>
<td>SR 528</td>
<td>SR 520</td>
<td>13.60</td>
<td>Widen to &amp; Managed Lanes to include Multiuse Trail</td>
<td>PD&amp;E Design Design</td>
<td>TBD</td>
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<tr>
<td>7</td>
<td>SR 40</td>
<td>Williamson Blvd.</td>
<td>Breakaway Trail</td>
<td>---</td>
<td>Widen 4 to 6 lanes</td>
<td>PD&amp;E complete</td>
<td>PE/ROW/CST</td>
</tr>
<tr>
<td>8</td>
<td>SR 40</td>
<td>Cone Rd.</td>
<td>SR 11</td>
<td>---</td>
<td>Widen 2 to 4 lanes</td>
<td>ENV 2012/13</td>
<td>ROW/CST</td>
</tr>
<tr>
<td>9</td>
<td>N/A</td>
<td>SR 25/US 27</td>
<td>CR 561 (west)</td>
<td>2.14</td>
<td>Widen to 6 lanes</td>
<td>---</td>
<td>PD&amp;E/PE/ROW/CST</td>
</tr>
</tbody>
</table>
### 2018 CENTRAL FLORIDA MPO ALLIANCE - LIST OF PRIORITY PROJECTS

<table>
<thead>
<tr>
<th>Priority</th>
<th>FDOT Financial Management Number</th>
<th>Project Name</th>
<th>From</th>
<th>To</th>
<th>Length (Miles)</th>
<th>Work Description</th>
<th>Latest Project Phase Funded</th>
<th>Project Phase(s) Remaining Unfunded</th>
<th>Estimated Remaining Cost (Present-Day)</th>
<th>MPO/TPO</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>2408361</td>
<td>SR 40</td>
<td>SR 11</td>
<td>SR 15</td>
<td>---</td>
<td>Widen 2 to 4 lanes</td>
<td>PE 2013/14, ENV 2014/15, ROW 2021/22</td>
<td>CST</td>
<td>$48,500,000</td>
<td>River to Sea TPO</td>
</tr>
<tr>
<td>11</td>
<td>410674-3</td>
<td>SR 40</td>
<td>CR 314</td>
<td>CR 314A</td>
<td>6.1</td>
<td>Widen to 4 lanes w/ multi-use trail (Black Bear Scenic Trail)</td>
<td>PE underway</td>
<td>ROW/CST</td>
<td>$93,000,000</td>
<td>Ocala/Marion TPO</td>
</tr>
<tr>
<td>12</td>
<td>410674-4</td>
<td>SR 40</td>
<td>CR 314A</td>
<td>Levy Hammock Road</td>
<td>2.8</td>
<td>Widen to 4 lanes w/ multi-use trail (Black Bear Scenic Trail)</td>
<td>PD&amp;E</td>
<td>PE/CST</td>
<td>$35,000,000</td>
<td>Ocala/Marion TPO</td>
</tr>
<tr>
<td>13</td>
<td>SR100</td>
<td>Old Kings Road</td>
<td>Belle Terre Pkwy</td>
<td></td>
<td></td>
<td>Widen to 6 lanes</td>
<td>PE</td>
<td>ROW/CST</td>
<td>$34,870,000</td>
<td>River to Sea TPO</td>
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</tbody>
</table>

*I-4 Ultimate Configuration is noted as a PPP project.

### CENTRAL FLORIDA MPO ALLIANCE SIS HIGHWAY PROJECTS FOR PRIORITIZATION FUNDED FOR CONSTRUCTION

<table>
<thead>
<tr>
<th>Priority</th>
<th>FDOT Financial Management Number</th>
<th>Project Name or Designation</th>
<th>From</th>
<th>To</th>
<th>Length (Miles)</th>
<th>Work Description</th>
<th>Latest Project Phase Funded</th>
<th>Project Phase(s) Remaining Unfunded</th>
<th>Estimated Remaining Cost (Present-Day)</th>
<th>MPO/TPO</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2427152</td>
<td>I-95/I-4 Systems Interchange</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>Interchange upgrade</td>
<td>CST 2014/15</td>
<td>---</td>
<td>---</td>
<td>River to Sea TPO</td>
</tr>
<tr>
<td>3a</td>
<td>4269053</td>
<td>I-95/Ellis Road Interchange</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>New Interchange</td>
<td>CST 2017/18</td>
<td>---</td>
<td>---</td>
<td>Space Coast TPO</td>
</tr>
<tr>
<td>10</td>
<td>4106742</td>
<td>SR 40</td>
<td>SR 35</td>
<td>CR 314</td>
<td>4.5</td>
<td>Widen 2 to 4 lanes</td>
<td>CST 2019/2020</td>
<td>---</td>
<td>---</td>
<td>Ocala/Marion TPO</td>
</tr>
</tbody>
</table>

**NOTE:** Although funded for construction, projects will continue to be shown until construction starts.

August 15, 2017
### Regional Trail Priorities Funded Through Construction

<table>
<thead>
<tr>
<th>Trail Name</th>
<th>FM Number</th>
<th>Limits A</th>
<th>Limits B</th>
<th>Length (Miles)</th>
<th>Mega Trail</th>
<th>Latest Project Phase Funded</th>
<th>MPO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seminole Volusia Gap</td>
<td>436434-1</td>
<td>Wayside Park (Seminole)</td>
<td>Spring to Spring Trail</td>
<td>0.8</td>
<td>Heart of Florida: Coast to Coast</td>
<td>CST $1,379,067 in FY 2017/18</td>
<td>River to Sea/MetroPlan Orlando</td>
</tr>
<tr>
<td>South Lake Trail Phase 3B</td>
<td>42570-3</td>
<td>SR 33 (Crittenden St.)</td>
<td>Silver Eagle Road</td>
<td>2.1</td>
<td>Heart of Florida: Coast to Coast</td>
<td>Update of PD&amp;E Study and Design underway - ROW 2017-19, CST 2020</td>
<td>Lake-Sumter MPO</td>
</tr>
<tr>
<td>Clarcona-Ocoee Trail</td>
<td>436358-1</td>
<td>West Orange Trail</td>
<td>Clarcona-Ocoee Road</td>
<td>0.2</td>
<td>Heart of Florida: Coast-to-Coast</td>
<td>ROW programmed for 2018; Construction programmed for 2020</td>
<td>MetroPlan Orlando</td>
</tr>
<tr>
<td>Land Bridge Gap</td>
<td>436358-1</td>
<td>SR 200</td>
<td>SW 40th Ave Trailhead</td>
<td>5.2</td>
<td>Heart of Florida: Design/build - Out for bid</td>
<td></td>
<td>Ocala/Marion TPO</td>
</tr>
<tr>
<td>Santos Gap</td>
<td>436291-1</td>
<td>SW 49th Ave Trailhead</td>
<td>Santos Trailhead</td>
<td>9.0</td>
<td>Heart of Florida: Design/build - Out for bid</td>
<td></td>
<td>Ocala/Marion TPO</td>
</tr>
<tr>
<td>Silver Springs Gap</td>
<td>435486-1</td>
<td>SE 64th Ave Trailhead</td>
<td>Silver Springs State Park</td>
<td>6.0</td>
<td>Heart of Florida: In Design, Construction - FY 2018</td>
<td></td>
<td>Ocala/Marion TPO</td>
</tr>
<tr>
<td>East Central FL Rail Trail;</td>
<td>424040-6</td>
<td>Canaveral Avenue</td>
<td>Draa Road</td>
<td>0.6</td>
<td>St. Johns River-to-Sea; Coast-to-Coast</td>
<td>Construction Complete</td>
<td>Space Coast TPO</td>
</tr>
<tr>
<td>Garden St Pedestrian</td>
<td>424040-4</td>
<td>Kingman Road</td>
<td>Volusia County Line</td>
<td>12.8</td>
<td>St. Johns River-to-Sea; Coast-to-Coast</td>
<td>Under Construction</td>
<td>Space Coast TPO</td>
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<tr>
<td>South Lake Trail Phase 4</td>
<td>435893-1</td>
<td>Van Fleet Trail</td>
<td>CR 565A (Villa City Rd.)</td>
<td>8.4</td>
<td>Heart of Florida: Design Phase underway; ROW 2018-21, CST 2022</td>
<td></td>
<td>Lake-Sumter MPO</td>
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<tr>
<td>Pruitt Gap</td>
<td></td>
<td></td>
<td></td>
<td>9.5</td>
<td>Heart of Florida: In Design, Construction - FY 2021</td>
<td></td>
<td>Ocala/Marion TPO</td>
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<tr>
<td>East Central FL Rail Trail</td>
<td>4154348</td>
<td>Guise Road</td>
<td>Gobblers Lodge</td>
<td>3.5</td>
<td>Coast to Coast; St. Johns River-to-Sea Loop</td>
<td>CST totaling $5,003,500 has been advanced to FY 2017/18</td>
<td>River to Sea TPO</td>
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<tr>
<td>Halifax River Greenway -</td>
<td>4361391</td>
<td>Wilder Blvd</td>
<td>Shady Place</td>
<td>0.5</td>
<td>East Coast Greenway</td>
<td>CST has been advanced to FY 2017/18 $525,517</td>
<td>River to Sea TPO</td>
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<tr>
<td>Beach Street</td>
<td></td>
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</tr>
<tr>
<td>Halifax River Greenway -</td>
<td>438983-1</td>
<td>Shady Place</td>
<td>Bellevue Ave.</td>
<td>0.3</td>
<td>East Coast Greenway</td>
<td>Construction funded in FY 2017/18 - $215,512</td>
<td>River to Sea TPO</td>
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<tr>
<td>Donnelly Place</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Space Coast Trail</td>
<td>426187-1</td>
<td>Canaveral Avenue</td>
<td>W. Max Brewer Bridge</td>
<td>1.9</td>
<td>St. Johns River-to-Sea; Coast-to-Coast; East Coast Greenway</td>
<td>Downtown connector/ ECFRRT to MINWR; Construction FY 2020/21 $1,707,000 but City of Titusville will build with local $ in FY 2016/17; Fully funded through construction by City of Titusville Indian River Ave to West of Max Brewer Bridge 0.2 miles Fully Funded Design FY 17/18 ($810,000) Construction FY 21/22 ($2,161,095)</td>
<td>Space Coast TPO</td>
</tr>
<tr>
<td></td>
<td>436187-2</td>
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<td></td>
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<tr>
<td>Space Coast Trail</td>
<td>436187-3</td>
<td>Max Brewer Bridge East</td>
<td>Merritt Island National Wildlife Refuge Entrance</td>
<td>1.9</td>
<td>St. Johns River to Sea; Coast-to-Coast</td>
<td>Fully Funded through CST in FY 2018/19 $400,492</td>
<td>Space Coast TPO</td>
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<p>| Total Mileage of Priorities Programmed | 62.7 |</p>
<table>
<thead>
<tr>
<th>Priority</th>
<th>Trail Name</th>
<th>FM Number</th>
<th>Limits A</th>
<th>Limits B</th>
<th>Length (Miles)</th>
<th>Mega-Trails</th>
<th>Latest Project Phase Funded</th>
<th>Project Phase(s) Remaining Unfunded</th>
<th>Estimated Remaining Cost (Present Day)</th>
<th>MPO</th>
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<tbody>
<tr>
<td>T1-1</td>
<td>Space Coast Trail</td>
<td>436187-3</td>
<td>Max Brewer Bridge East end</td>
<td>Merritt Island National Wildlife Refuge Entrance</td>
<td>1.9</td>
<td>St. Johns River to Sea; Coast-to-Coast</td>
<td>Downtown connector/ ECFRRT to MINWR; Feasibility Study FY 2014/15 $160,124; Design FY 17/18; Construction funded FY2018/19</td>
<td>Fully Funded through CST in FY 2018/19 $400,492</td>
<td>NA</td>
<td>Space Coast TPO</td>
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<tr>
<td>T1-2</td>
<td>Space Coast Trail</td>
<td>437093-1</td>
<td>Playalinda Rd. West End/ Merritt Island NWR Entrance</td>
<td>Playalinda Rd. East End</td>
<td>10.5</td>
<td>St. Johns River to Sea; Coast-to-Coast</td>
<td>PD&amp;E $1,400,000 FY 15/16; Design funded for FY 21/22 ($4,799,360.00)</td>
<td>ROW, CST</td>
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<tr>
<td>T1-3</td>
<td>Clarcona-Ocoee Trail</td>
<td>436435-1</td>
<td>Pine Hills Trail</td>
<td>Hawaias Road</td>
<td>1.5</td>
<td>Heart of Florida; Coast-to-Coast</td>
<td>PD&amp;E 2014/15</td>
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<td>T1-4</td>
<td>Pine Hills Trail Phase 3</td>
<td>436433-1</td>
<td>Clarcona-Ocoee Rd.</td>
<td>Seminole County Line</td>
<td>3.0</td>
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<td>PD&amp;E 2014/15</td>
<td>DESIGN, ROW , CST</td>
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<tr>
<td>T1-5</td>
<td>South Sumter Connector</td>
<td>435471-1</td>
<td>Withlacoochee Trail</td>
<td>Van Fleet Trail</td>
<td>19.5</td>
<td>Heart of Florida; Coast-to-Coast</td>
<td>PD&amp;E programmed for 2017, Design 2019, ROW 2021</td>
<td>CST 2023</td>
<td>$16,705,923</td>
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<tr>
<td>T1-6</td>
<td>South Lake Trail Phase 3C</td>
<td>427056-1</td>
<td>CR 565A (Villa City Rd.)</td>
<td>SR 33 (Crittenden St.)</td>
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<td>Design Complete</td>
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Total Mileage of Tier One: 48.5

Total Estimated Remaining Costs for Tier One: $40,568,559
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<th>Priority</th>
<th>Trail Name</th>
<th>FM Number</th>
<th>Limits A</th>
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<th>Length (Miles)</th>
<th>Mega-Trails</th>
<th>Latest Project Phase Funded</th>
<th>Project Phase(s) Remaining Unfunded</th>
<th>Estimated Remaining Cost</th>
<th>MPO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unranked</td>
<td>SUNTrail Tier Two (St. Johns River to Sea Loop)</td>
<td>439863-1</td>
<td>Dale Ave.</td>
<td>10th Street</td>
<td>1.2</td>
<td>St. Johns River to Sea, East Coast Greenway</td>
<td>Design/Permitting funded in FY 2016/17</td>
<td>Construction</td>
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<td>River-to-Sea TPO</td>
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<tr>
<td>Unranked</td>
<td>US 17 Trail (Piersonn)</td>
<td>439877-1</td>
<td>Washington Ave.</td>
<td>Palmetto Ave.</td>
<td>1.1</td>
<td>St. Johns River-to-Sea</td>
<td>Design/Permitting funded in FY 2016/17</td>
<td>Construction</td>
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<tr>
<td>Unranked</td>
<td>Halifax River Greenway</td>
<td>439868-1</td>
<td>Bellevue Ave.</td>
<td>Marina Point Drive</td>
<td>0.23</td>
<td>St. Johns River to Sea, East Coast Greenway</td>
<td>Design/Permitting funded in FY 2016/17</td>
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<tr>
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<td>439869-1</td>
<td>Marina Point Drive</td>
<td>Orange Ave.</td>
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<td>St. Johns River to Sea, East Coast Greenway</td>
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<tr>
<td>Unranked</td>
<td>Halifax River Greenway</td>
<td>439871-1</td>
<td>Sickler Drive</td>
<td>2nd Street</td>
<td>0.57</td>
<td>St. Johns River to Sea, East Coast Greenway</td>
<td>Design/Permitting funded in FY 2016/17</td>
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<tr>
<td>Unranked</td>
<td>Halifax River Greenway</td>
<td>439870-1</td>
<td>Ballough Road Bridge</td>
<td>Ballough Road Bridge</td>
<td>0.06</td>
<td>St. Johns River to Sea, East Coast Greenway</td>
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<td>Construction</td>
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<tr>
<td>Unranked</td>
<td>Spring to Spring Trail, Seg. 3a</td>
<td>439039-1</td>
<td>Detroit Terrace</td>
<td>US 17/92</td>
<td>6.0</td>
<td>Heart of Florida; St. Johns River to Sea</td>
<td>Design in FY 2017/18 -$396,000</td>
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<tr>
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<td>439864-1</td>
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<td>Canal Street</td>
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<td>St. Johns River to Sea, East Coast Greenway</td>
<td>Design/Permitting funded in FY 2016/17</td>
<td>ROW &amp; Construction</td>
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<tr>
<td>Unranked</td>
<td>Spring to Spring Trail</td>
<td>439875-1</td>
<td>Grand Ave./Baxter</td>
<td>Street US 17</td>
<td>1.3</td>
<td>Heart of Florida; St. Johns River-to-Sea</td>
<td>Design/Permitting funded in FY 2016/17</td>
<td>ROW &amp; Construction</td>
<td>$4,500,000</td>
<td>River-to-Sea TPO</td>
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<tr>
<td>Unranked</td>
<td>US 1 Trail</td>
<td>439865-1</td>
<td>Canal Street</td>
<td>Beville Road</td>
<td>13</td>
<td>St. Johns River to Sea, East Coast Greenway</td>
<td>Feasibility Study/PD&amp;E Study funded in FY 2016/17</td>
<td>Design</td>
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<td>River-to-Sea TPO</td>
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<tr>
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<td>439874-1</td>
<td>Lake Beresford Park</td>
<td>Grand Ave.</td>
<td>3.60</td>
<td>Heart of Florida; St. Johns River-to-Sea</td>
<td>$750,000 PD&amp;E FY 2016/17</td>
<td>Design, ROW &amp; CST Phases needed</td>
<td>$2,000,000</td>
<td>River-to-Sea TPO</td>
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<tr>
<td>Unranked</td>
<td>SR 40 Trail</td>
<td>439872-1</td>
<td>Cassen Park</td>
<td>SR A1A</td>
<td>1.1</td>
<td>St. Johns River to Sea</td>
<td>Feasibility Study funded in FY 2016/17</td>
<td>Design, ROW, Construction</td>
<td>$2,500,000</td>
<td>River-to-Sea TPO</td>
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<tr>
<td>Unranked</td>
<td>Flagler Beach Trail</td>
<td>439873-1</td>
<td>South 26th Street</td>
<td>North 9th Street</td>
<td>2.9</td>
<td>St. Johns River to Sea, East Coast Greenway</td>
<td>Feasibility Study/PD&amp;E Study funded in FY 2016/17</td>
<td>Design, ROW, Construction</td>
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<td>Oak Hill to Edgewater Trail</td>
<td>439862-1</td>
<td>US 1/Kennedy Parkway</td>
<td>Dale Ave.</td>
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<td>St. Johns River to Sea, East Coast Greenway</td>
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<td>Design, ROW, Construction</td>
<td>NA</td>
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<tr>
<td>Unranked</td>
<td>US 17 Trail</td>
<td>439876-1</td>
<td>SR 40</td>
<td>Putnam County line</td>
<td>14.0</td>
<td>St. Johns River-to-Sea</td>
<td>Feasibility Study/PD&amp;E Study funded in FY 2016/17</td>
<td>Design</td>
<td>$1,500,000</td>
<td>River-to-Sea TPO</td>
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</tbody>
</table>

**Projects Requiring Study**

<table>
<thead>
<tr>
<th>Priority</th>
<th>Trail Name</th>
<th>FM Number</th>
<th>Limits A</th>
<th>Limits B</th>
<th>Length (Miles)</th>
<th>Mega-Trails</th>
<th>Latest Project Phase Funded</th>
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<th>Estimated Remaining Cost</th>
<th>MPO</th>
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</thead>
<tbody>
<tr>
<td>Unranked</td>
<td>US 1 Trail</td>
<td>439865-1</td>
<td>Canal Street</td>
<td>Beville Road</td>
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<td>St. Johns River to Sea, East Coast Greenway</td>
<td>Feasibility Study/PD&amp;E Study funded in FY 2016/17</td>
<td>Design</td>
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<td>River-to-Sea TPO</td>
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<tr>
<td>Unranked</td>
<td>Spring to Spring Trail, Segs 5 &amp; 6</td>
<td>439874-1</td>
<td>Lake Beresford Park</td>
<td>Grand Ave.</td>
<td>3.60</td>
<td>Heart of Florida; St. Johns River-to-Sea</td>
<td>$750,000 PD&amp;E FY 2016/17</td>
<td>Design, ROW &amp; CST Phases needed</td>
<td>$2,000,000</td>
<td>River-to-Sea TPO</td>
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<tr>
<td>Unranked</td>
<td>SR 40 Trail</td>
<td>439872-1</td>
<td>Cassen Park</td>
<td>SR A1A</td>
<td>1.1</td>
<td>St. Johns River to Sea</td>
<td>Feasibility Study funded in FY 2016/17</td>
<td>Design, ROW, Construction</td>
<td>$2,500,000</td>
<td>River-to-Sea TPO</td>
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**Projects Requiring Study**

<table>
<thead>
<tr>
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<th>Trail Name</th>
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<tr>
<td>Unranked</td>
<td>US 1 Trail</td>
<td>439865-1</td>
<td>Canal Street</td>
<td>Beville Road</td>
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<td>St. Johns River to Sea, East Coast Greenway</td>
<td>Feasibility Study/PD&amp;E Study funded in FY 2016/17</td>
<td>Design</td>
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<tr>
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<td>Spring to Spring Trail, Segs 5 &amp; 6</td>
<td>439874-1</td>
<td>Lake Beresford Park</td>
<td>Grand Ave.</td>
<td>3.60</td>
<td>Heart of Florida; St. Johns River-to-Sea</td>
<td>$750,000 PD&amp;E FY 2016/17</td>
<td>Design, ROW &amp; CST Phases needed</td>
<td>$2,000,000</td>
<td>River-to-Sea TPO</td>
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### SUNTrail Tier Three & Transportation Alternatives Eligible

<table>
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<tr>
<th>Priority</th>
<th>Trail Name</th>
<th>FM Number</th>
<th>Limits A</th>
<th>Limits B</th>
<th>Length (Miles)</th>
<th>Megatrails</th>
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<th>Project Phase(s) Remaining Unfunded</th>
<th>Estimated Remaining Cost (Present Day)</th>
<th>MPO</th>
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<tbody>
<tr>
<td>T3-1</td>
<td>Wekiva Trail</td>
<td>430975-1</td>
<td>Tremain St.</td>
<td>Hojin Street</td>
<td>9.8</td>
<td>Mt. Dora Bikeway</td>
<td>PD&amp;E Completed Design Funded FY 2016 $2,636,810</td>
<td>ROW $10,000,000 CST $7,658,566</td>
<td>$17,658,566</td>
<td>Lake-Sumter MPO</td>
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<tr>
<td>T3-2</td>
<td>Shingle Creek Trail 3C</td>
<td>430225-7</td>
<td>Taft-Vineland Road</td>
<td>Town Loop Blvd.</td>
<td>2.8</td>
<td>Shingle Creek Regional Trail</td>
<td>PD&amp;E</td>
<td>Design, ROW &amp; CST</td>
<td>$6,376,000</td>
<td>MetroPlan Orlando</td>
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<tr>
<td>T3-3</td>
<td>Silver Springs to Mount Dora</td>
<td>430225-3</td>
<td>SE 64th Ave Trailhead</td>
<td>CR 42</td>
<td>16.6</td>
<td>Heart of Florida; Mt. Dora Bikeway</td>
<td>Trail in Marion County will be on existing Public lands.</td>
<td>Design and construction</td>
<td>$7,300,000</td>
<td>Ocala/Marion TPO</td>
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<td>T3-4</td>
<td>East Coast Greenway/SR 528</td>
<td>407402-3</td>
<td>US 1</td>
<td>Port Canaveral</td>
<td>8.8</td>
<td>East Coast Greenway</td>
<td>Design funded FY 2016/17; part of two widening/reconstruct projects</td>
<td>CST phase needed in same FY as road widening/reconstruction of roadway</td>
<td>$8,810,000</td>
<td>Space Coast TPO</td>
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<tr>
<td>T3-5</td>
<td>Black Bear Scenic Trail</td>
<td>#</td>
<td>Levy Hammock Road</td>
<td>US 17</td>
<td>27.7</td>
<td>Heart of Florida</td>
<td>Study Funded in FY 2018 PD&amp;E Funded in FY2020</td>
<td>Design, ROW &amp; CST Phases needed</td>
<td>$25,481,630</td>
<td>Lake-Sumter MPO, River to Sea TPO, Ocala Marion TPO</td>
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<tr>
<td>T3-6</td>
<td>Shingle Creek Trail 4</td>
<td>430225-1</td>
<td>Orange/Osceola Co. Line</td>
<td>Kissimmee Lakefront Park</td>
<td>11.8</td>
<td>Shingle Creek Regional Trail</td>
<td>Some segments completed; some Programmed. 4398781 programmed for CST 2017; 4302259 programmed for CST 2019</td>
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<td>$24,952,116</td>
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<td>T3-8</td>
<td>Space Coast Trail/US 1</td>
<td>#</td>
<td>SR 50</td>
<td>Grace Street</td>
<td>3.1</td>
<td>East Coast Greenway</td>
<td>Feasibility Study complete</td>
<td>Design, CST Phases needed</td>
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<td>T3-9</td>
<td>Tav-Lee Trail Phase 2</td>
<td>#</td>
<td>Lakes Blvd.</td>
<td>Sleepy Hollow</td>
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<td>Mt. Dora Bikeway</td>
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<td>Town Loop Blvd.</td>
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<td>PD&amp;E</td>
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<td>T3-11</td>
<td>Lake Yale Loop Trail/Sabal Bluff Connector</td>
<td>#</td>
<td>Tav-Lee Trail</td>
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<td>12.2</td>
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<td>Lester Road</td>
<td>Kelly Park</td>
<td>4.2</td>
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<td>T3-13</td>
<td>Tav-Dora Trail</td>
<td>#</td>
<td>Tremain St</td>
<td>Wooton Park</td>
<td>8.3</td>
<td>Mt. Dora Bikeway</td>
<td>TrailsMasterPlan Complete</td>
<td>Study, PD&amp;E, Design, ROW &amp; CST Phases needed</td>
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<td>Lake-Sumter MPO</td>
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<tr>
<td>T3-14</td>
<td>West Orange Trail Phase 5b</td>
<td>#</td>
<td>Rock Springs Road</td>
<td>Wekiva Springs SP entrance</td>
<td>2.8</td>
<td>Heart of Florida; Mt. Dora Bikeway</td>
<td>PD&amp;E</td>
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<td>T3-15</td>
<td>Pine Hills Trail Phase 2</td>
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<td>Silver Star Road</td>
<td>Clarcona-Ocoee Road</td>
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<td>PD&amp;E</td>
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<td>Kelly Park</td>
<td>CR 435 in Orange Co.</td>
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<td>PD&amp;E</td>
<td>Design, ROW &amp; CST Phases needed</td>
<td>$1,300,000</td>
<td>MetroPlan Orlando</td>
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## SUNTrail Tier Three & Transportation Alternatives Eligible

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<thead>
<tr>
<th>Priority</th>
<th>Trail Name</th>
<th>FM Number</th>
<th>Limits A</th>
<th>Limits B</th>
<th>Length (Miles)</th>
<th>Mega-Trails</th>
<th>Latest Project Phase Funded</th>
<th>Project Phase(s) Remaining Unfunded</th>
<th>Estimated Remaining Cost (Present Day)</th>
<th>MPO</th>
</tr>
</thead>
<tbody>
<tr>
<td>T3-17</td>
<td>N. Merritt Island Heritage Trail</td>
<td>#</td>
<td>SR 528</td>
<td>Federal Lands</td>
<td>12.5</td>
<td>East Coast Greenway</td>
<td>Feasibility ($125,000), PD&amp;E, ROW, Design, &amp; CST</td>
<td>NA</td>
<td><a href="#">Space Coast TPO</a></td>
<td></td>
</tr>
<tr>
<td>T3-18</td>
<td>North Lake Trail</td>
<td>#</td>
<td>CR 450</td>
<td>SR 40</td>
<td>19.5</td>
<td>Study Funded FY 2018</td>
<td>PD&amp;E, Design, ROW &amp; CST needed</td>
<td>$24,857,000</td>
<td><a href="#">Lake-Sumter MPO</a></td>
<td></td>
</tr>
</tbody>
</table>

| Total Mileage of Tier One Priorities | 48.5 | Total Estimated Remaining Costs for Tier Three and TA | $152,586,254 |
| Total Mileage of Tier Two Priorities | 58.8 | Total Estimated Remaining Costs of Ranked Priorities | $198,704,813 |
| Total Mileage of Tier Three & TA Priorities | 153  | | |
Regional Transit Priorities

Proposed transit priorities are focused on high capacity rail or bus projects requiring a significant investment of federal, state and local funds. These are shown in three tiers: (1) projects currently underway; (2) projects with regional commitments that need to be fulfilled; (3) prospective projects currently being studied; and (4) future projects that will be studied. Privately-funded projects are shown for information purposes.

Transit Projects Currently Underway
- SunRail – Phase II South (Sand Lake Road to Poinciana)

Transit Projects with Regional Commitments that need to be fulfilled
- SunRail – Phase II North (DeBary-Deland)

Prospective Transit Projects Currently Being Studied or in Development
- SunRail – Phase III (Meadow Wood Station to OIA)
- OIA Refresh Alternatives Analysis
- US 192 Bus Rapid Transit
- SR 50 Bus Rapid Transit
- Lymmo Expansion (North/South)
- Prospective Brightline Brevard Station Study

Future Transit Projects That Will Be Studied
- East Central Florida Corridor Task Force Transit Study

Privately-Funded Transit Projects
- Brightline (Orlando-West Palm Beach-Ft. Lauderdale-Miami)
ITEM NUMBER 6A

Adoption RE: Resolution 18-05, FY18 – FY22 Transportation Improvement Program (TIP) Amendment

Georganna.Gillette
georgana.gillette@brevardfl.gov

DISCUSSION:

The Florida Department of Transportation has requested an amendment to the currently adopted FY18 – FY22 Transportation Improvement Program to incorporate the project amendment in Attachment A, of Resolution 18-05.

This amendment is necessary in order to keep the TIP consistent with the Florida Department of Transportation Work Program.

REQUESTED ACTION:

Approval of Resolution 18-05, amending the FY 2018 – FY 2022 Transportation Improvement Program via roll call vote.

ATTACHMENTS:

- Approval of Resolution 18-05, amending the FY 2018 – FY 2022 Transportation Improvement Program (including attachment A)
RESOLUTION 18-05

RESOLUTION, amending the SPACE COAST TRANSPORTATION PLANNING ORGANIZATION’S Fiscal Year 2017/2018 to 2021/2022 Transportation Improvement Program for the Palm Bay-Melbourne and Titusville Urbanized Areas.

WHEREAS, the SPACE COAST TRANSPORTATION PLANNING ORGANIZATION (TPO) is the designated and constituted body responsible for the urban transportation planning and programming process for the Palm Bay-Melbourne and Titusville Urbanized Areas; and

WHEREAS, the SPACE COAST TRANSPORTATION PLANNING ORGANIZATION (TPO) is responsible for developing a five year Transportation Improvement Program for the urbanized areas, which has been accomplished for Fiscal Year 2017/2018 to 2021/2022; and

WHEREAS, the SPACE COAST TRANSPORTATION PLANNING ORGANIZATION authorizes amending the Adopted Fiscal Year 2017/2018 to 2021/2022 Transportation Improvement Program, as detailed in Attachment “A”; and;

NOW THEREFORE, BE IT RESOLVED by the SPACE COAST TRANSPORTATION PLANNING ORGANIZATION to authorize amendments to the Fiscal Year 2017/2018 to 2021/2022 Transportation Improvement Program and to authorize submission of the amended TIP to all appropriate individuals and agencies.

DONE, ORDERED AND ADOPTED THIS 14TH DAY OF SEPTEMBER, 2017.

SPACE COAST TRANSPORTATION PLANNING ORGANIZATION

KATHY MEEHAN, CHAIRPERSON

ATTEST:

T. PATRICK O’NEILL, VICE-CHAIRMAN

SCTPO Resolution 18-05
August 14, 2017

Mr. Bob Kamm, Director
Space Coast TPO
2725 Judge Fran Jamieson Way, Bldg B
Viera, FL 32940

Dear Mr. Kamm:

Subject: REQUEST FOR TRANSPORTATION IMPROVEMENT PROGRAM CHANGES

The Florida Department of Transportation requests the following changes to be made to Space Coast Transportation Planning Organization’s Adopted Fiscal Years 2017/18 – 2021/22 Transportation Improvement Program (TIP) in coordination with the corresponding changes to the Department’s Work Program. Please add the amendment date on the cover page of the TIP and on the TIP page of the project that is being amended.

**BREVARD COUNTY**

**Project:**

FM#439813-1  Section 5310 Operating Assistance for Brevard Achievement Center, Operating for Fixed Route

**Current TIP Status:**

Project currently is not in the Fiscal Years 2017/2018 – 2021/2022 TIP.

**Proposed Amendment:**

Adding Phase 84 (Operations Grant) in the amount of $29,288 in Fiscal Year 2018 with DU (District Urban Transit Capital Program) Funding.

Adding Phase 84 (Operations Grant) in the amount of $29,288 in Fiscal Year 2018 with LF (Local) Funding.

**Explanation:**

Operating funding awarded for Fiscal Year 2017/2018 by the Federal Transit Administration.
Project:
FM#439814-1  Section 5310 Operating Assistance for Brevard Alzheimer’s Foundation

Current TIP Status:
Project currently is not in the Fiscal Years 2017/2018 – 2021/2022 TIP.

Proposed Amendment:
Adding Phase 84 (Operations Grant) in the amount of $44,233 in Fiscal Year 2018 with DU (District Urban Transit Capital Program) Funding.

Adding Phase 84 (Operations Grant) in the amount of $44,233 in Fiscal Year 2018 with LF (Local) Funding.

Explanation:
Operating funding awarded for Fiscal Year 2017/2018 by the Federal Transit Administration.

Project:
FM#439815-1  Section 5310 Operating Assistance for Easter Seals Operating for Fixed Route

Current TIP Status:
Project currently is not in the Fiscal Years 2017/2018 – 2021/2022 TIP.

Proposed
Adding Phase 84 (Operations Grant) in the amount of $33,000 in Fiscal Year 2018 with DU (District Urban Transit Capital Program) Funding.

Adding Phase 84 (Operations Grant) in the amount of $33,000 in Fiscal Year 2018 with LF (Local) Funding.

Explanation:
Operating funding awarded for Fiscal Year 2017/2018 by the Federal Transit Administration.

Project:
FM#441595-1  Section 5310 Operating Assistance for Space Coast Center for Independent Living, Operating for Fixed Route

Current TIP Status:
Project currently is not in the Fiscal Years 2017/2018 – 2021/2022 TIP.

Proposed
Adding Phase 84 (Operations Grant) in the amount of $119,722 in Fiscal Year 2018 with DU (District Urban Transit Capital Program) Funding.

Adding Phase 84 (Operations Grant) in the amount of $119,722 in Fiscal Year 2018 with LF (Local) Funding.
**Explanation:**
Operating funding awarded for Fiscal Year 2017/2018 by the Federal Transit Administration.

**Project:**

FM#439777-1  
SR 520/Merritt Island Causeway of Newfound Harbor Drive to East of South Banana River Drive

**Current TIP Status:**

Project currently is not in the Fiscal Years 2017/2018 – 2021/2022 TIP

**Proposed**
Adding Phase 31 (Design In-House Charges) in the amount of $1,500 in Fiscal Year 2018 with DIH (District In-House) Funding.

Adding Phase 31 (Design In-House Charges) in the amount of $1,000 in Fiscal Year 2018 with HSP (Highway Safety Program) Funding.

**Explanation:**
The Department added District In-House Funding to cover the cost increase for this phase of the project.

**Project:**

FM#439157-1  
SR 3, From North Courtney Parkway at Mustang Way Intersection

**Current TIP Status:**

Phase currently is not in the Fiscal Years 2017/2018 – 2021/2022 TIP

**Proposed**
Adding Phase 31 (Design In-House Charges) in the amount of $1,000 in Fiscal Year 2018 with DIH (District In-House) Funding.

Adding Phase 31 (Design In-House Charges) in the amount of $1,000 in Fiscal Year 2018 with HSP (Highway Safety Program) Funding.

**Explanation:**
The Department added District In-House Funding to cover the cost increase for this phase of the project.

**Project:**

FM#439485-1  
Pigeon Avenue From Charles Boulevard to Malabar Road/Port Malabar Elementary

**Current TIP Status:**

Phase currently is not in the Fiscal Years 2017/2018 – 2021/2022 TIP
Proposed
Adding Phase 31 (Design In-House Charges) in the amount of $3,000 in Fiscal Year 2018 with SR2T (Safe Route to School Transfer) Funding.

Explanation:
Funding added for In-House timesheet charges.

Project:
FM#439486-1   San Filippo Drive; Zanzibar Road From Waco Boulevard; Steele Street to Salina Street

Current TIP Status:
Phase currently is not in the Fiscal Years 2017/2018 – 2021/2022 TIP.

Proposed
Adding Phase 31 (Design In-House Charges) in the amount of $3,000 in Fiscal Year 2018 with SR2T (Safe Route to School Transfer) Funding.

Explanation:
Funding added to project for In-House timesheet charges.

Project:
FM#439778-1   SR 518/West Eau Gallie Boulevard East of I-95 Northbound off Ramp to West of Intersection at Sarno Road

Current TIP Status:
Project currently is not in the Fiscal Years 2017/2018 – 2021/2022 TIP.

Proposed
Adding Phase 31 (Design In-House Timesheet Charges) in the amount of $20,000 in Fiscal Year 2018 with ACNP (Advance Construction National Program) Funding.

Adding Phase 32 (Design Consultant Charges) in the amount of $500,000 in Fiscal Year 2018 with (Advance Construction National Program) Funding.

Explanation:
Department received additional SIS funding for Fiscal Year 2018 and this project was selected to fund.
Project:
FM#439779-1   SR 518/West Eau Gallie Boulevard-Jones Road to 200 Feet East of I-95
   Interchange Ramps

Current TIP Status:
Project currently is not in the Fiscal Years 2017/2018 – 2021/2022 TIP.

Proposed
Adding Phase 31 (Design In-House Timesheet Charges) in the amount of $20,000 in Fiscal Year
   2018 with ACNP (Advance Construction National Program) Funding.

Adding Phase 32 (Design Consultant Charges) in the amount of $400,000 in Fiscal Year 2018
   with (Advance Construction National Program) Funding.

Adding Phase 32 (Design Consultant Charges) in the amount of $250,000 in Fiscal Year 2018
   with (District Statutory) Funding.

Explanation:
Department received additional SIS funding for Fiscal Year 2018 and this project was selected to
   fund.

If you should have any additional questions please contact me at 386-943-5426.

Sincerely,

Janna Taylor
TPO Liaison

cc:   Kellie Smith, FDOT Government Liaison Administrator
   Ms. Georganna Gillette, Space Coast TPO
   Ms. Laura Carter, Space Coast TPO
ITEM NUMBER 6B

Approval RE: FY19 SU Funding Direction

Georganna.Gillette
georgana.gillette@brevardfl.gov

DISCUSSION:

In accordance with Federal law, all TPOs with population over 200,000 receive Transportation Management Area / SU funds. The TPO has sole authority over where to program these funds on federal-aid highways. This funding source is the most flexible in relation to the types of projects. Currently the TPO has $6.1 million of unallocated funding in FY 2018/2019 (available July 2018). The following criteria must be considered to obligate the funds in a timely manner: 1) Must be on the adopted priority list 2) Must use on a project that has been scoped with cost estimates 3) Must be able to enter into contract within the year the funds are allocated. The projects that best fit these criteria are listed below:

- Design of Traffic Management Center - $900 K This is a shared use facility to maximize the benefits of current and future signal system communications and connectivity for Brevard County and local government stakeholders.
- Design/Build of US 1 ITS Expansion from south of University Blvd to north of Babcock St. - $1.2 M (Accomplished through FDOT districtwide contract).
- Design/Build of US 192 ITS Expansion from west of Dairy Rd to east of US 1 - $680 K (Accomplished through FDOT districtwide contract).
- Design/Build of SR 507 ITS Expansion from south of Eber Blvd to north of NASA Blvd - $828 K (Accomplished through FDOT districtwide contract).
- Construction of SR A1A / SR 520 Intersection Improvements – $1.7M
- Right of Way for Babcock St from Malabar Rd to Palm Bay Rd – Use remaining funds to purchase property from willing homeowners that have reached out to the TPO and FDOT on the ES of Babcock between Malabar and Melbourne Tillman Canal – $4 M

FDOT will be presenting the Five Year Work Program in October of this year and they are asking for direction on programming TPO federal funds. This does not include state/federal funds that are under the control of FDOT.

REQUESTED ACTION:

- Approval of the unallocated FY 2018/2019 SU Funds

ATTACHMENTS:

- None
ITEM NUMBER 6C

Approval RE: Work Order 18-01T, ADA Bus Stop Assessment Update Scope of Services and Resolution 18-04, FY18 UPWP Amendment

Sarah Kraum
sarah.kraum@brevardfl.gov

DISCUSSION:

In 2014 Space Coast Area Transit completed an Americans with Disabilities Act (ADA) Bus Stop Assessment to inventory their bus stops and facilities and assess ADA compliance. It also created a Transition Plan to improve the compliance of transit stops and facilities.

Since the completion of the ADA Bus Stop Assessment, improvements have been made on bus stop locations throughout the county, but work still needs to be done.

The ADA Bus Stop Assessment update will catalog improvements that have been made since the original assessment, create a dashboard/database that can easily be updated and used to identify projects and export data, and develop an implementation guide.

Total fee for this assessment is $200,225.00 and is fully funded utilizing existing funding sources and authorized amounts. A UPWP Amendment is required, however, to add the study as a work product and to allocate the appropriate budget.

REQUESTED ACTION:

Approval of ADA Assessment Scope and Resolution 18-04

ATTACHMENTS:

• Work Order 18-01T, Bus Stop ADA Assessment update Scope of Services, Attachment A
• PowerPoint Presentation, Bus Stop ADA Assessment Scope, Attachment B
• Resolution 18-04 FY18 UPWP Amendment #6 for ADA Bus Stop Assessment, Attachment C
A. INTRODUCTION

Space Coast Area Transit (SCAT) currently has an inventory of 1,130 bus stops, three major transfer centers serving four bus routes (and a number of other transfer points serving fewer routes), four park-and-ride facilities, and several transit support facilities. In 2014, SCAT completed an Americans with Disabilities Act (ADA) assessment of their stops and transit locations. The assessment inventoried the facilities and assessed their ADA compliance. It also created a Transition Plan to implement improvements with the goal to bring the facilities to compliance.

Space Coast Transportation Planning Organization (SCTPO) seeks to update the previously completed ADA Assessment and Transition Plan, and to have a user-friendly, web-based application to assist SCAT with the Transition Plan’s database maintenance, help identify projects, and provide data that can be used in corridor studies. The following Scope of Services has been developed to accomplish these goals.

B. DESCRIPTION OF SERVICES

The goals of the scope of services are to:

- Inventory conditions at SCAT's bus stops and transit facilities.
- Identify and prioritize improvements to address accessibility, security, operations, and passenger comfort issues.
- Develop a phasing plan to implement improvements based on anticipated funding and/or resource availability over time.
- Establish a user-friendly process for maintaining the bus stop database.
- Develop a web-based application dashboard to support database maintenance and user-friendly reporting, mapping, and analysis.

The phasing plan will become the 2018 Space Coast Area Transit ADA Transition Plan. To this end, a SCAT bus stop and facility accessibility analysis is proposed to provide a comprehensive and detailed assessment of SCAT's bus stops and facilities as they relate to compliance with the ADA and Florida Accessibility Code (FAC) requirements.

At the request of the Space Coast TPO, Tindale Oliver prepared this scope of services, which is organized into 7 major tasks as listed below and described in the remainder of this scope.

- Task 1 – Research of Dashboard Operating Platforms
- Task 2 – Dashboard Development
- Task 3 – Data Collection
• Task 4 – Project Prioritization
• Task 5 – Final Report
• Task 6 – Project Meetings and Presentations
• Task 7 – Project Administration

TASK 1 – RESEARCH OF DASHBOARD OPERATING PLATFORMS

The purpose of this task is to research dashboard platform applications available and recommend 3-5 platform operating systems to SCTPO and SCAT.

Key sub-tasks include the following:

• Task 1.1: Conduct research of dashboard platform applications. Research must include an evaluation of ESRI GIS, iWork, and 2-3 other platform operating systems.
• Task 1.2: Prepare summaries and illustrations for recommended dashboard operating platforms.
• Task 1.3: Recommend 3-5 dashboard operating platforms based on research.

Summary of Task 1 Deliverables
• Profile of 3-5 dashboard operating platforms for the dashboard-(summaries and illustrations)
• Recommended dashboard operating platform that responds to the objectives of the SCTPO and SCAT

TASK 2 – DASHBOARD DEVELOPMENT

A user-friendly dashboard will be designed and developed to support transit and multimodal transportation planning, transit operations, SCAT customer service, and other technical needs of the SCTPO and SCAT. Key sub-tasks include the following:

• Task 2.1: Design dashboard functionality and user interface – The CONSULTANT and the client will work together to develop an initial design and functionality for the Dashboard’s user interface. During this task, the CONSULTANT will work closely with SCTPO and SCAT staff to outline their requirements for the interface and document the core functions that will be required. The CONSULTANT will prepare documentation to outline the technical architecture and core business functions that will be developed for the user interface. Assumptions on software and hardware will also be documented. This task will consist of the following subtasks:
  o User Requirements
  o Application Workflows
  o Data Management Processes
  o Development of Design Document
    ▪ Functional Design
    ▪ Technical Design
    ▪ Software Specification

Some of the anticipated, key features of the Dashboard user interface will include:
- **User Login and Roles**
- **Mapping**
- **Attribute Selections/Filtering**
- **Data Management**
- **Reporting (Progress reports)**
- **Analytics (Graphs, Charts, Meters)**
- **Exports (PDF, Excel, GIS Files)**

- **Task 2.2: Develop internal prototype of dashboard application for internal testing** – An internal prototype will be developed following agreement on the approved design and client’s requirements from Task 3.1. This prototype will be tested internally by the CONSULTANT before making it available for SCTPO and SCAT staff review. This task will consist of the following subtasks:
  - Configure Development Environment
  - Configure Database Environment
  - Configure Mapping Software and GIS Layers
  - Establish User Login Procedures and Roles
  - Develop Dashboard Application
  - Perform QA/QC (by development team)

- **Task 2.3: Develop prototype of dashboard application for client review** – A prototype will be made available to SCTPO and SCAT staff by the CONSULTANT for their review. The prototype application will be hosted by the CONSULTANT for client access. Reasonable revisions to the user interface will be implemented and a deployment plan will be created. This task will consist of the following subtasks:
  - Review and QA/QC by SCTPO and SCAT staff
  - Provide comments and defects to CONSULTANT development team

- **Task 2.4: Develop final prototype of dashboard application for client review** – Based on the findings from Task 2.3, the CONSULTANT will address issues and concerns as mutually agreed, and then provide a prototype for a final review by SCTPO and SCAT staff. This task will consist of the following subtasks:
  - Demonstration of final prototype to client
  - Documentation of comments, concerns, and outstanding issues
  - Review of comments/issues and mutually agreed resolution
  - Documentation of any proposed revisions and how they will be approached
  - Review and finalize revisions
  - Note: Requested revisions that impact the architecture and work flow of the system at this point in the review process will require additional services.

- **Task 2.5: Develop final dashboard application** – The CONSULTANT will demonstrate the Dashboard application to the client and verify that the application functions as expected. If issues are identified, the CONSULTANT will document the issues and propose solutions with the client. All necessary modifications will be implemented prior to going “Live” with the Dashboard. The CONSULTANT will make a final configuration of the application so it can be hosted within the
CONSULTANT’s environment. The CONSULTANT will ensure that all necessary user accounts have been created and that client staff can properly access the hosted application. User support material will be made available. The CONSULTANT will host the Dashboard for the first year to ensure that “bugs” are worked out. At the end of the year, SCAT will have the option to transfer dashboard or contract for continued hosting and maintenance.

- This task will consist of the following subtasks:
  - Facilitate final review
  - Secure final acceptance
  - Deploy application on CONSULTANT’s infrastructure
  - Provide user support material

Summary of Task 2 Deliverables

- Design and Requirements documents for Dashboard Application
- Technical Specifications document
- Draft Prototype Dashboard Application for client review
- User Support material
- Final Dashboard Application

TASK 3 – DATA COLLECTION

Task 3.1: Refine Data Collection Process – The data collection process will be reviewed and refined for updating the bus stop inventory and accessibility assessment. This will include the overall framework plan for data needs, inventory structure, data collection procedures, project schedule, and necessary coordination effort.

Related to the coordination effort, it is important to emphasize that this project scope focuses on the survey and assessment of all SCAT bus stops and facilities for accessibility purposes. However, our experience and professional judgment dictates that the distance and accessibility of the likely path from any bus stop to a facility that provides housing or services for individuals with disabilities or older adults, or to special purpose public gathering facilities, also is a critically important factor related to the overall accessibility to and from transit services. Hence, it is important that the work associated with this effort be considered as an analysis of the transit facilities and not the public right-of-way characteristics and connecting pathways to abutting properties and buildings. However, our assessment will record the general condition of the connecting infrastructure to SCAT bus stops and where connections do not exist.

Key sub-tasks include the following:

- Task 3.1.1: Develop draft framework plan and project schedule.
  - Identify specific stop- and facility-level data needs.
  - Outline the desired format for the inventory assessment and discuss options for data collection techniques, tools, and database management. Format must be consistent with the platform selected in Task 1.
- Task 3.1.2: Finalize project framework plan and schedule.
Task 3.2: Perform Comprehensive Inventory - Perform comprehensive inventory and assessment of existing conditions at bus stops and bus service transfer centers throughout the SCAT service area. SCAT will provide the listing of existing bus stops and all captured data pertinent to each bus stop from its existing inventory database or records, including location, amenities, and ridership volume information (if available during the project). Age of each bus stop or the establishment date (if known) will be provided by SCAT to support the comprehensive assessment process. Stops established prior to January 26, 1992, are not required to be accessible under the ADA until such time as the stop is altered. All stops initiated on or after January 26, 1992, must be fully compliant with ADA requirements.

The depth of the proposed inventory and assessment effort includes the development of a technical checklist to be utilized by surveyors to ensure consistency and attention to detail by all participants in the assessment process. The checklist will be developed to provide information for all ADA requirements necessary to ensure that documentation is included for any required improvements to the site that will provide an accessible bus stop. In addition, pedestrian right-of-way characteristics will be recorded during the assessments to include the existence or conditions of elements, such as:

- Controlled or uncontrolled street crossings
- Crosswalks
- Curb ramps
- Lighting
- Obvious trip generating facilities
- Neighborhood characteristics
- Stop amenities
- Other conditions that support decisions regarding site improvements.

Information collected during the bus stop and facility assessments will provide SCAT with the information necessary to conduct route realignment or stop abolishment determinations and to ensure that removal of designated stops do not result in a diminished level of service to persons with disabilities and older adults. The assessment process will gather site information for each bus stop to support the prioritization of bus stop improvements in Task 4. The assessments will provide SCAT with the information necessary to ensure that the removal and addition of stops has been equitable and non-discriminatory.

Key sub-tasks include the following:

- **Task 3.2.1: Refine process for conducting site assessments** - Finalize the format for the inventory assessment, including data collection techniques, tools, database management issues, and training of assessment team members, based on initial framework developed.
- **Task 3.2.2: Develop format and template for inventorying existing conditions and identifying deficiencies at bus stops and facilities** - This task will address database application issues, including relationships with the routing and scheduling software package used by SCAT and use of a GIS database system. The specific process and procedures for compiling and recording the information will be clearly defined, including on-site data collection methods (definition of parameters and collection procedures).
• **Task 3.2.3: Develop/refine checklist to support data collection.**

  o The assessment process and the associated checklist will be developed and formatted to facilitate rating each stop for its accessibility, use by persons with disabilities and older adults, and level of safety and security. The assessment process and associated checklist will be designed to facilitate detailed physical measurements of the bus stop sites and allow ranking of each element and an overall ranking of the stop for use in service planning and improvement planning and programming.

  o The transit site assessment checklist will provide data to determine the degree to which the site provides an accessible stop that can be used by persons with disabilities and by older adults. Each site will be assessed to identify barriers to accessibility, which refers to elements which prevent a person with a disability from using a stop. If a stop recommended for removal is accessible, then the stops on either side must be assessed to confirm that they too are accessible, thus ensuring that persons with disabilities and older adults boarding or alighting in the vicinity of these stops will continue to have good access to SCAT bus service.

  o Each stop will be given an accessibility rating from 1 to 3 (1 = Fully Accessible, 2 = Moderately Accessible, 3 = Not Accessible). The checklist will be used to document the presence of any accessibility barriers identified at the stop and an explanation of the rating scheme. All barriers will be documented with photographs.

  o With regard to adjacent and/or proximate generators, each stop will be given a rating from 1 to 3 (1 = Numerous Major Trip Generators, 2 = Moderate Number of Trip Generators, 3 = No Trip Generators). The checklist will be used to document the presence of all organizations and facilities (hospitals, rehabilitation centers, senior housing or centers, community centers, libraries, etc.) in the vicinity (within logical walking reach) of the stop that may attract transit patrons and provide an explanation of the rating scheme.

  o The checklist will document the level of security and safety afforded by the stop being assessed. The level of security provided by the stop will consider lighting and crime statistics at and in the vicinity of each bus stop. Safety features will also be assessed, such as whether there is a shoulder, whether traffic controls are located nearby that allow safe street crossings to and from the stop, the posted speed limit in the area of the stop, and whether there are landscaping issues around the stop such as low hanging tree limbs.

  o Each stop will be given a security and safety rating from 1 to 3 (1 = Highly Safe/Secure, 2 = Moderately Safe/Secure, 3 = Questionable Safety/Security). The checklist will be used to document the security and safety aspects of the stop. Safety/security features will be documented with photographs.

  o In addition to taking and assessing photographs of features at the bus stop or in the vicinity of the bus stop being assessed, four photographs will be taken at the stop, pointing in the north, east, south and west direction from the stop. All photographs will be recorded in the photograph log on the checklist. Photographs associated with a given stop location will be printed four to a page and labeled with a text description and identification number corresponding to the identification number recorded on the checklist photograph log.
• **Task 3.2.4: Develop the final work program for conducting the inventory assessment and outline the schedule and specific assignments.** The level of staffing is based on the assumption that the assessment process for a single bus stop will take, on average, no more than 10 minutes to complete (5 minutes to travel to the bus stop and 5 minutes for the physical assessment), and that the survey personnel will consist of up to two trained ADA assessors provided by the CONSULTANT.

• **Task 3.2.5: Perform field data collection at existing bus stops throughout the SCAT service area.**
  
  o Individuals conducting assessments will be provided the following materials and tools to evaluate and record observations at SCAT bus stops:
    
    ▪ Android tablet/smartphone loaded with custom-made ADA data collection software
    ▪ Route map and list of bus stops on the route (initial list from SCAT)
    ▪ Assessment procedures and forms
    ▪ Measuring tape
    ▪ Four-foot electronic slope meter (Smart Level)
    ▪ Cell phone and telephone numbers of study team members and for “accessibility experts” who can be consulted during assessment
    ▪ GIS/GPS analysis and coordinates recording device
  
  o Each stop will be assessed and documented with respect to: (1) its current accessibility features and amenities; (2) trip generators (i.e., hospitals, school, work hubs, shopping centers, etc.); (3) the level of safety and security afforded SCAT patrons waiting to board a bus or alight at a stop, and (4) demographic information concerning the surrounding community that may impact SCAT’s Title VI compliance.

  o The CONSULTANT will perform assessments of the transfer and park-and-ride facilities, and available designs of planned facilities.

  o The relationship of bus service in both directions on a street with two-way traffic and, if a bus route has stops for buses traveling in both directions, then the stops on both sides of the street will be assessed. Because the assessment of stops is designed to provide sufficient information to allow for route restructuring, the ranking of a stop for abolishment must provide information on the opposing bus stop conditions to ensure that stops do not result in less accessible or less safe and secure access to bus service. The assessment procedures may require the assessment of stops prior to and following the primary stop being accessed to document whether or not a diminished level of accessibility, safety, or security may result from removal of a stop.

  o Include the location and distance of the closest pedestrian crossing.

  o The potential use of a bus stop by patrons to access nearby functions or facilities that are used primarily by persons with disabilities or older adults will be considered during the field data collection process to the extent that the presence of any of these types of facilities will be documented. However, the accessibility of any paths to such facilities that potentially may be utilized by persons with disabilities or older adults will not be assessed or documented. As indicated previously, however, recording of the general condition of connecting infrastructure will be included in the survey process. In addition, the
documentation of the presence of such facilities, including hospitals/clinics, nursing homes/assisted living centers, and human service agencies, located in the area of any bus stop that is recommended for removal will be especially important.

- **Task 3.2.6: Compile and QC bus stop inventory and accessibility database.**
  - The CONSULTANT will provide weekly data processing and review, including taking equipment/checklists from assessment personnel, inputting/downloading data into master database, integrating photos, and performing weekly quality control reviews.
  - The CONSULTANT will provide quality control for the development of the master database once data collection is complete (review data, run logic checks, identify questions that may require additional field review).

**Summary of Task 3 Deliverables**

- Draft framework plan and schedule
- Final framework and schedule
- Materials for training field personnel
- Written procedures, checklists, and forms to support field data collection
- Work program (schedule and assignments) for inventory assessment
- Comprehensive bus stop and facility inventory and accessibility database
- Database maintenance procedures and responsibilities

**TASK 4 – PROJECT PRIORITIZATION**

The CONSULTANT will develop a methodology for prioritizing bus stop improvements using the specific criteria and relative weights prescribed for accessibility, safety, passenger amenities, Title VI issues, and major trip generators. Key considerations will include the number of boarding passengers (if available during the project), customer requests, proximity to key destinations, severity of the identified safety and accessibility issues, and stakeholder group input. The resulting priorities will be used to develop a system-wide plan, identifying needed improvements and a phasing program for implementing improvements based on anticipated type of improvement and magnitude of funding. The system-wide plan will become the 2018 SCAT ADA Transition Plan Update.

Key sub-tasks include the following:

- **Task 4.1: Develop methodology and rank system-wide improvements.** From the data collected during the inventory assessment process, develop a system-wide set of improvement needs and then rank the improvement needs to develop a prioritized program of improvements. As part of this process, the capital improvement programs of SCAT, local jurisdictions, and the state will be reviewed to identify specific projects that could influence the timing of the improvement program. For example, during this review, Florida Department of Transportation District Five staff will be contacted to identify projects in the work program that could potentially be “piggy-backed” on to take advantage of possible implementation efficiencies.
• **Task 4.2:** Prepare order-of-magnitude cost estimates (excluding land acquisition) for the improvement program. Order-of-magnitude cost estimates will be developed for each bus stop based on industry standard cost data as well as cost data provided by SCAT.

• **Task 4.3:** Based on the current and projected funding for SCAT’s bus stop/facility improvements program, develop a phasing program to implement needed improvements. This will consider any funding being provided through programmed capital projects, such as planned improvements on SCAT transit emphasis corridors by state and county agencies.

• **Task 4.4:** Prepare a comprehensive plan that presents a prioritized program for needed improvements based on anticipated funding. The plan will include policies and actions for accessibility, safety, operational service efficiencies, or other particular improvements to bus stop and facilities necessary for SCAT to undertake a long-term bus stop and facilities accessibility improvement program (ADA Transition Plan).

**Summary of Task 4 Deliverables**
- Comprehensive plan of prioritized bus stop and facility improvements
- Order-of-magnitude cost estimates for improvements

**TASK 5 – FINAL REPORT**

The CONSULTANT will prepare a draft report documenting the Bus Stop ADA Assessment Update and Dashboard. The draft report will be reviewed with SCTPO and SCAT staff to discuss comments. The comments will be addressed in a final report for the project. The CONSULTANT will develop database maintenance procedures by establishing organizational procedures and job function responsibilities for the update and maintenance of the bus stop inventory database resulting from the SCAT ADA Assessment and Transition Plan effort. The CONSULTANT will determine SCAT management levels for database management and maintenance and develop procedures to define the role of management and personnel responsibilities in relation to activities necessary to maintain the bus stop and facilities inventory database and related documentation.

Key sub-tasks include the following:

- Prepare initial draft report.
- Prepare final draft report.
- Prepare final report.
- Prepare database maintenance procedures

**Summary Task 5 Deliverables**
- Draft report
- Final report
TASK 6 - PROJECT MEETINGS AND PRESENTATIONS

Project meetings and presentations for this task order will include a kick-off meeting, quarterly project progress meetings, project presentations (SCTPO Board, TAC/CAC, and TDLCB), and dashboard and database maintenance training. Key sub-tasks include the following:

- Prepare for, facilitate, and summarize kick-off meeting (1 meeting)
- Prepare for, facilitate, and summarize quarterly project progress meetings (3 meetings)
- Prepare for and give presentations (3 presentations)

**Project Meeting and Presentation Deliverables**
- Meeting agendas and summaries
- PowerPoint presentations

TASK 7 - PROJECT ADMINISTRATION

**Quality Assurance/Quality Control:** The CONSULTANT team will designate appropriate senior staff to conduct Quality Assurance/Quality Control (QA/QC) reviews of work products.

**Project Schedule:** The CONSULTANT will prepare and submit a detailed project schedule identifying major tasks, their durations, and task relationships within 30 days of the receipt of Notice to Proceed. The CONSULTANT is responsible for keeping the schedule up to date. The beginning date of the services will be the date of authorization for this work order. Any changes to the schedule necessitated by circumstances outside the CONSULTANT’s control will be coordinated with SCTPO staff. The project will be completed within 12 months of Notice to Proceed.

**Invoices:** Invoices will be prepared in the format prescribed by the TPO. A detailed invoice including a narrative description of the work performed by the CONSULTANT during the period covered by the invoice for each item in the scope will be submitted. The final invoice will be labeled “Final” and project close out procedures will be followed.

**Budget:** This work will be completed as a lump sum task order. A detailed summary budget table is attached to this scope of services.

**Project Administration Deliverables**
- Project Schedule (initial and updates when necessary)
- Monthly Progress Reports/Calls with SCTPO Project Manager and other project administration
## Project Cost Proposal

**Space Coast TPO**  
**Bus Stop ADA Assessment Update and Dashboard, Work Order 18-01T**  
**Tindale-Oliver (08-15-17)**

### Project Deputy/Project Secretary/Total

<table>
<thead>
<tr>
<th>Task Descriptions</th>
<th>Manager</th>
<th>Deputy</th>
<th>Developer</th>
<th>Engineer</th>
<th>Planner</th>
<th>Total Planner</th>
<th>Secretary/Clerical</th>
<th>Total Hours</th>
<th>Total Cost</th>
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<td>1.1 Conduct research of dashboard platform applications.</td>
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<td>1.2 Prepare summaries and illustrations for recommended dashboard operating platforms.</td>
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<td>1.3 Recommend 3-5 dashboard operating platforms based on research.</td>
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<td>2.1 Design dashboard functionality and user interface.</td>
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<td>2.2 Develop internal prototype of dashboard application for internal testing.</td>
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<td>2.3 Develop prototype of dashboard application for client review.</td>
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<td>2.4 Develop final prototype of dashboard application for client review.</td>
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<td>2.5 Develop final dashboard application.</td>
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<td>3.1.1 Develop draft framework plan and project schedule.</td>
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<td>3.1.2 Finalize project framework plan and schedule.</td>
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<td>$6,807</td>
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<td>3.2.1 Refine process for conducting site assessments.</td>
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<td>3.2.2 Develop format and template for inventory and assessment.</td>
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<td>3.2.3 Develop/refine checklist to support data collection.</td>
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<td>3.2.4 Develop the final work program for conducting the inventory and assessment.</td>
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<td>5</td>
<td>5</td>
<td>4</td>
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<td>3.2.5 Perform field data collection.</td>
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<td>3.2.6 Compile and QC bus stop inventory and accessibility database.</td>
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<td>4.2 Prepare order-of-magnitude cost estimates.</td>
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<td>32</td>
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<td>4.3 Develop a phasing program to implement needed improvements.</td>
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<td>2</td>
<td>2</td>
<td>14</td>
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<td>4.4 Prepare a comprehensive plan with project priorities.</td>
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<td><strong>TASK 5</strong> Final Report</td>
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<td>5.1 Prepare initial draft report.</td>
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<td>5.3 Prepare final report.</td>
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<td>6.4 Develop database maintenance procedures.</td>
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<td><strong>TASK 6</strong> Project Meetings and Presentations</td>
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<td>6.1 Prepare for, facilitate, and summarize kick-off meeting (1 meeting).</td>
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<td>4</td>
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<td>4</td>
<td>24</td>
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<td>6.2 Prepare for, facilitate, and summarize quarterly project progress meeting (3 meetings)</td>
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<td>24</td>
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<td>7</td>
<td>59</td>
<td>$10,022</td>
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<td>6.3 Prepare for and give presentations (3 presentations)</td>
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<td>27</td>
<td>15</td>
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<td>57</td>
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<td>7.1 Develop and maintain Project Schedule.</td>
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<td>7.2 Prepare monthly progress reports and facilitate other project administration.</td>
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<td><strong>Total Direct Labor</strong></td>
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<td>255</td>
<td>336</td>
<td>190</td>
<td>365</td>
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<td>1,599</td>
<td>$200,225</td>
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</table>

**Total Fee** $200,225
Bus Stop ADA Assessment Update and Dashboard

Scope of Services

Sarah Kraum
SCTPO Multi-Modal Program Specialist
Sarah.kraum@brevardfl.gov
321.690.6890

2014 SCAT Bus Stop ADA Assessment

- Inventoried 852 bus stops
  - 757 stops had improper boarding and alighting areas
  - 10 signs were not compliant
  - 392 had non-compliant curb ramps

- Developed a transition plan to help with improvements
2014 SCAT Bus Stop ADA Assessment

- Improvements have and continued to be made to SCAT Bus Stops

However...

- Lacked ability to maintain and track improvements
- Cumbersome to use

Bus Stop ADA Assessment Update and Dashboard

- Inventory bus stops and facilities for improvements and changes
- Identify and prioritize improvements
- Develop a web-based application dashboard
  - Tracks improvements and compliance
  - Easy to maintain database
  - Creates reports/analytics
  - Filter attributes
  - Mapping

Questions?

Sarah Kraum
SCTPO Multi-Modal Program Specialist
Sarah.kraum@brevardfl.gov
321.690.6890
RESOLUTION 18-04

RESOLUTION of the Space Coast Transportation Planning Organization and amending the FY 16/17 – FY 17/18 Unified Planning Work Program (UPWP) budget to allocate final FY18 Federal Transportation Administration Section 5305(d) grant funds and adjust the task budgets to reflect the authorized funds.

WHEREAS, the Space Coast Transportation Planning Organization is the designated and constituted body responsible for the urban transportation planning and programming process for the Palm Bay-Melbourne and Titusville Urban Area; and

WHEREAS, this urban transportation planning process includes the development of a biannual work program and budget described by work tasks, of activities to be undertaken during the fiscal year; and

WHEREAS, a work program and budget were developed and approved for FY 16/17 – FY 17/18, for the period of July 1, 2016 through June 30, 2018; and

WHEREAS, the FY 17 - FY 18 FTA budget requires an amendment for an additional $62,535 FTA Section 5305(d) funds authorized; and

WHEREAS, the additional grant funds will be used as partial funding for the ADA Bus Stop Update.

NOW, THEREFORE BE IT RESOLVED by the Space Coast Transportation Planning Organization that an amended budget is adopted for the FY 16/17 – FY 17/18 Unified Planning Work Program.

DONE, ORDERED AND ADOPTED THIS 14TH DAY OF SEPTEMBER, 2017.

SPACE COAST TRANSPORTATION PLANNING ORGANIZATION

KATHY MEEHAN, CHAIRWOMAN

ATTEST:

T. PATRICK O’NEILL, VICE-CHAIRMAN
ITEM NUMBER 7A

SR 528 Toll Update

Bob Kamm
bob.kamm@brevardfl.gov

DISCUSSION:

The Florida Turnpike Enterprise and FDOT District 5 are now working on the preliminary phases of the widening of SR 528 from SR 520 in eastern Orange County to Port Canaveral. Both the Turnpike and District 5 have evaluated potentially tolling schemes. Staff from the Turnpike and District 5 will report on the toll recommendations for the widened road.

REQUESTED ACTION:

As desired by the TPO Board

ATTACHMENTS:

- PowerPoint Presentation (To be transmitted and posted when available)
DISCUSSION:

Florida Department of Transportation (FDOT) will give a brief presentation on bridge connectivity and barriers for bicycle and pedestrian modes in general and specifically discuss those deficiencies that exist on the Hubert Humphrey Bridge.

The FDOT Complete Streets policy was signed in 2014. It states that the Department is to serve the transportation needs of all users of the roadway, including cyclists, pedestrians, freight, motorists, and transit riders.

The Florida Transportation Plan vision element establishes six long term goals. One of which is more Transportation Choices for People and Freight.

REQUESTED ACTION:

As desired by the TPO Board

ATTACHMENTS:

- PowerPoint Presentation, Bridge Connectivity – Bicycle and Pedestrian Modes
FDOT Mission and Vision

FDOT Mission:
Provide a safe transportation system that ensures the mobility of **people** and **goods**, enhances economic prosperity, and preserves the quality of our environment and communities.

Florida Transportation Plan (FTP) Vision:
More Transportation Choices for **People** and **Freight**
Background

FDOT Complete Streets Policy

FDOT Complete Streets Policy

Smart Growth America
Improving lives by improving communities

Complete Streets
Handbook

The Florida Department of Transportation

Completing Florida’s Streets

Florida Department of Transportation

P.O. Box 9428
Tallahassee, FL 32302-9428

POLICY

Effective: September 17, 2014

The Florida Department of Transportation

COMPLETE STREETS

It is the policy of the Florida Department of Transportation to promote safe, efficient, and effective transportation planning, design, construction, maintenance, and operation of transportation systems. Complete Streets is a concept that promotes safety and accessibility for all transportation users. The Department has developed this policy to reflect the vision of providing mobility for all users, regardless of age, ability, income, or mode of transportation. This policy aims to ensure that transportation networks are designed, built, and maintained to meet the needs of all users, including pedestrians, cyclists, motorists, transit riders, and people with disabilities.

Contact:

Motorists

Pedestrians

Transit riders

Visit Florida.gov/CompleteStreets for information and resources related to Complete Streets.

The Florida Department of Transportation is committed to improving the lives of all Floridians through transportation and accessibility initiatives. This policy is intended to guide the Department's actions in the planning, design, construction, maintenance, and operation of transportation systems, ensuring that they are safe, efficient, and accessible to all users.
PEDESTRIAN AND BICYCLE ACCOMMODATION ON SR 520 BRIDGE

EXISTING PEDESTRIAN & BICYCLE ACCOMMODATION

East side of SR 520 bridge, looking west
EXISTING PEDESTRIAN & BICYCLE ACCOMMODATION

East side of SR 520 bridge, looking west

EXISTING PEDESTRIAN & BICYCLE ACCOMMODATION

Existing Cross Section
Constructed in 1969
EXISTING PEDESTRIAN & BICYCLE ACCOMMODATION

EXISTING WALKING & BICYCLING NEEDS

Population without Access to a Vehicle

Source: Renaissance Planning Group
Source: FDOT TransPed Tool

LEGEND
0.0% - 5.0%
5.1% - 10.0%
10.1%-20.0%
20.1%-30.0%
>30.0%
EXISTING PEDESTRIAN & BICYCLE ACCOMMODATION

Existing Cross Section
Next Steps

• How does the TPO want to assess bridge needs?
• How can the FDOT help?
ITEM NUMBER 7C

Space Coast Area Transit (SCAT) FY18 – FY27 Transit Development Plan

Sarah Kraum
sarah.kraum@brevardfl.gov

DISCUSSION:

Space Coast Area Transit (SCAT) has completed the latest update on their Transit Development Plan (TDP). The TDP is updated every 5-years. A TDP is a 10-year strategic plan, required by FDOT, that establishes the goals and visions of SCAT, identifies needs, defines new and alternative routes, sets capital priorities, and more.

REQUESTED ACTION:

As desired by the TPO Board

ATTACHMENTS:

• PowerPoint Presentation, Space Coast Area Transit-Transit Development Plan
Space Coast Area Transit

Transit Development Plan (TDP)

Agenda

- What’s a TDP?
- Public Involvement
- Vision and Mission
- Service Improvement
- Finance Plan
What is a TDP?

• **10-year Strategic Plan for Transit**
  – Evaluate demographics & travel behavior
  – Assess existing transit options
  – Conduct public involvement & outreach
  – Determine transit needs
  – Develop service & implementation plans

• **FDOT Requirement for Funding**

• **Major Update Every 5 Years**
  – Progress Report every year

---

Public Involvement

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<tr>
<th>Outreach Efforts</th>
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<td>Stakeholder Interviews</td>
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<td>Discussion Group Meetings</td>
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<td>Public Meetings</td>
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<td>On-board &amp; Paratransit Surveys</td>
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<tr>
<td>TPO &amp; Brevard BOCC Meetings</td>
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</tbody>
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Vision & Mission

VISION
To maintain the current level of transit service in the county and expand service to better respond to the key emerging service market needs of students, commuters, seniors, and the tourism industry (including workers and visitors) by developing new routes, enhanced flexible services, partnerships, and/or other service enhancements, that target these unique markets and connect with transit providers in adjacent counties for improved regional accessibility.

MISSION
To continue to provide accessible and affordable transportation options to Brevard County residents of all ages and abilities by maintaining the current level of transit service in the county and gradually enhancing existing fixed-route service to extend hours of operation and increase frequency in the most productive corridors, and address increases in mobility demand in hard to serve areas and by disadvantaged populations with flexible services.

Existing Service Improvements

• Frequency Improvements Targets
  – Weekday service – 30 min or better
  – Weekend service – 60 min or better
• Day and Span of Service Improvement Targets
  – Weekday – 5:30am to 10:30pm – all routes*
  – Saturday – 6:00am to 10:00pm – all routes
  – Sunday – 8:00am to 8:00pm – all routes
• 2.6 million annual riders in 2027 if no changes
• 3.5 million annual riders w/improvements
• $7.1 million added annual operating cost

* Routes 4 and 9 run later.
Transit Service Expansion

• Corridor Routes – at 2-hour headways
  – Melbourne Sebastian via US 1 (Orange)
    • $303,926 Annual operating cost
    • 135,844 Annual ridership
    • 50 mile round trip
  – Palm Bay-Barefoot Bay-Sebastian (Purple)
    • $328,011 Annual operating cost
    • 64,862 Annual ridership
    • 40 mile round trip

Transit Service Expansion

• Flex Service
  – Port St. John
    • $585,340 Annual operating cost
    • 29,933 Annual ridership
  – Citrus-Canaveral Groves-Cocoa
    • $496,340 Annual operating cost
    • 20,723 Annual ridership
  – Serves general public and ADA trips
  – Connects to fixed route bus network
Transit Service Expansion

- Circulator Routes
  - Palm Bay-Malabar (Magenta)
    - $315,819 Annual operating cost
    - 82,468 Annual ridership
  - Malabar-Degroodt-Bayside Lakes Plaza (Green)
    - $593,231 Annual operating cost
    - 75,787 Annual ridership
  - Malabar-San Filippo-Bayside Lakes Plaza (Teal)
    - $708,428 Annual operating cost
    - 72,445 Annual ridership
  - Minton-St. John’s Heritage Parkway (Red)
    - $528,588 Annual operating cost
    - 75,722 Annual ridership

Capital/Infrastructure Improvements

- Replace and add vehicles
- Bus stop inventory and assessment
- Improve bus stop safety and ADA accessibility
- Improve bus stop infrastructure – shelters, pads, signs
- Transit hubs where 3 plus routes routinely connect
- New bus operations and maintenance facility
- Technology improvements for users
Policy/Other Improvements

- Call center capacity and sensitivity training
- Corridor/Transit Signal Priority (TSP) studies
- Major TDP and Transportation Disadvantaged Service Plan updates
- Fare policy evaluation/Title VI analysis
- Shared use park-and-ride lot agreements
- Transit/multimodal land development regulations
- Partnerships with ridesourcing companies
- Comprehensive and route-level operations studies

Financial Plan

- Developed for Planning Purposes
- Annual Budget Approval Required
- 10-Year Operating Financial Plan
  - Existing services are funded with inflationary increases
  - Improvements over existing levels require new funding
  - Revenue estimates from new service for 10-year period
    - Fares revenue would increase with new service and ridership
    - FTA formula and grant funds increase depends on Congress
    - FDOT funding depends on grant awards and Legislature
    - Local funding levels depend on BOCC approval and availability of funds
Next Steps

- Submitted draft TDP
  - SCAT
  - FDOT
  - Review Committee
- Refine/Submit Final TDP document
- Adoption by Brevard County Commission
- Notification of final TDP

Feedback and Input

Randall Farwell
Senior Associate
Tindale Oliver
rfarwell@tindaleoliver.com
ITEM 7D

Staff Report

Bob Kamm
bob.kamm@brevardfl.gov

DISCUSSION:

Staff will advise the TPO of any pertinent items not covered on the agenda.

REQUESTED ACTION:

As desired by the TPO Board

ATTACHMENTS:

• SCTPO July/August 2017 Strategic Plan Report
### A. PLAN  
**Improve regional planning and decision making**

- **A1. Build consensus for inter- and intra-modal priorities**
  - **A1.1 Coordinate with local governments, modal agencies and FDOT to prioritize projects**
    - Adopted FY 18 - FY 22 Transportation Improvement Program
    - Approved 2017 Project Priorities and transmitted to FDOT for consideration and programming
  - **A1.2 Explore opportunities to expand transit services and funding**
    - Attended Transit One meeting
  - **A1.3 Support regional planning initiatives**
    - Conducted Sea Level Rise Vulnerability Assessment Kick-off Meeting
    - Attended East Central Florida Transit Corridors Project Advisory Group Meeting
    - Conducted HUD/NOAA Improving Community Resilience and Risk Modeling Workshop
  - **A1.4 Support multi-modal agencies planning initiatives**
    - Attended coordination meeting with KSC and Space Florida staff to discuss NASA Causeway PD&E funding options

- **A3. Target transportation facilities for improvements**
  - **A3.1 Conduct and Coordinate Corridor Planning Studies**
    - Finalized Aurora Road Corridor Study Existing Conditions Report
    - Developed draft Work Order Scope of Services for Sarno Road Corridor Study
  - **A3.2 Conduct and Coordinate Operational and Safety Improvement Studies**
    - Finalized Wickham Road Operational Analysis Existing Conditions Report
    - Conducted Wickham Road Project Advisory Team meeting to review Future Growth and preliminary alternatives
  - **A3.3 Support and Participate in Transit Studies**
    - Conducted ADA Bus Stop Assessment Update scoping meeting and developed draft Scope of Services
    - Attended Transit Development Plan Steering Committee and Public Meetings

### B. IMPLEMENT  
**Enhance transportation system performance**

- **B1. Enhance connectivity for people, goods, and economic vitality**
  - **B1.1 Advance priority road projects**
    - Participated in I-95 Rest Area Design Phase Consultant Selection
    - Attended Clearlake Road Final Design Agency Meeting
    - Attended Washingtonia Traffic Analysis and Evaluation meeting
  - **B1.2 Support aviation, freight, rail, seaport, space, and transit priorities**
    - Attended Melbourne Airport Board Meeting
    - Attended Canaveral Port Authority meeting
    - Participated in NASA Bridge Replacement PD&E consultant selection process
  - **B1.3 Coordinate efforts to fund, design, and build priority trail projects**
    - Conducted East Coast Greenway Workshop with BPTAC
    - Attended Titusville Trails Committee meeting
    - Presented at St. Johns River to Sea Loop Stakeholders Meeting
    - Conducted Brevard Coast 2 Coast/SJR2C Leadership Meeting
    - Participated in multiple meetings regarding progress of Rail Trail construction and planning of Ribbon Cutting Ceremony
### B2. Increase transportation system safety and security

**B2.1 Facilitate responses to citizen and community safety concerns**
- Participated in Back to School Day activities at Manatee Elementary (new bicycle racks)
- Site observations conducted at Quest and Atlantis Elementary schools

**B2.2 Coordinate safety analysis report findings with FDOT and local jurisdictions**
- Approved and issued Notice to Proceed on Work Order for Identifying Highway Safety Improvement Program Projects

### B3. Improve mobility of existing transportaiton facilities

**B3.1 Partner with FDOT/local communities to address bicycle, ped, transit, ADA**
- Attend I-95 Interchange Lighting - Port St. John Pkwy, SR 407 & SR 50
- Attended SR A1A Intersection improvements and US 1 Resurfacing Agency Meetings

**B3.2 Implement and Manage TSM&O Program**
- Attended FDOT Regional working group meeting
- Attended FDOT TSM&O Coordination Meeting
- Completed technical scope analysis for the design phase of the TMC

**B3.3 Support Complete Streets projects through design and construction**
- Attended Hopkins LAP meeting concerning status of Design and future schedule/funding

### C. COMMUNICATE  Foster community enrichment, empowerment and engagement

**C1. Provide educational and outreach programs**

**C1.1 Coordinate Safety Education Outreach Program**
- Transmitted Feet Not Fuel Redesign Scope to perspective vendors to obtain Cost Estimate
- Kid’s Safety Day Launch FCU Melbourne (100 reached)
- Titusville Safety Event (75 reached)
- Attended Partner in Education Fair (85 reached)
- 270 Helmets Distributed
- Presented to Palm Bay School Crossing Guards (30 reached)
- Headstart Pedestrian Safety presentations (102 students reached)
- River Lanes Back to School Bash (300 reached)
- Manatee Elementary Wellness Night (250 reached)

**C1.2 Present informational programs to increase community awareness**
- Presented to 321 Millennials Network
- Presentation information conducted at Titusville Chamber Expo
- Attended Alert Today Alive Tomorrow State Coalition Meeting

**C1.3 Identify programs to support enforcement of Bike/Ped traffic laws**
- Met with Indian Harbour PD (7/19), Indialantic & Satellite Beach PD (7/25), Cocoa & Cocoa Beach PD (7/26), Melbourne & West Melbourne (7/27)
- Met with Rockledge PD (8/4), Titusville PD (8/8), Brevard County Sheriff’s Office (8/8), Port Canaveral/City of Cape Canaveral BCSO (8/8)

**C1.4 Expand outreach program to reach targeted populations**
- Reached out to millennial focus groups and Presented at 321 Millennial meeting
- Key focus social media campaigns: distracted driving
- Received partnership from Victoria Landing Senior Resort, City of Melbourne, and Melbourne Parks and Rec, to host Mobility Week event on 11/3/17
- Met with Brevard Achievement Center for partnership in helping adults with special needs
C2. Coordinate advocacy to promote TPO project priorities  
  C2.2 Present community outreach program to engage stakeholders  
  • Presented to Melbourne Rotary Club

C3. Enhance public participation  
  C3.1 Utilize media and surveys to expand public interest and gather input  
  • Edited and updated SCTPO website pages with latest project information  
  • News Coverages:  
    - City of Palm Bay Press Release; Florida Today: 5 articles; Space Coast Daily: 2 articles; Tampa Bay Times; Brevard Employee Newsletter: 2 articles; Brevard Public Schools News  
  • Attended 13 events and photo coverages  
  • 17 Social media campaigns  
  • En Route Newsletters: 4 issues (7/5 & 7/26)  
  • Continued use of Facebook and Twitter to engage citizens  
  • Press Releases/Project Updates: 4

  C3.2 Measure Effectiveness of Public Participation Plan  
  • Prepared July and August Public Participation report  
  • Created Law Enforcement Outreach report to report back to BPTAC and CTST

D. LEAD Ensure the agency is financially stable, soundly managed, and staffed by competent, engaged professionals

D1. Ensure timely and accurate administrative and financial reporting  
  D1.1 Report budget and financial performance  
  • Presented Draft FY 18 Operating Budget to TPO Board  
  • Processed UPWP Modification #4-Re-distribution of funds among various tasks to reflect actual cost incurred  
  • Processed Federal Transit Administration grant application  
  • Processed UPWP Amendment #5-Re-distribution of PL and SU funds among various tasks to reflect actual costs incurred  
  • Processed June invoices for PL, SU, FTA  
  • Processed Budget Change to include additional FTA monies authorized  
  • Prepared 3rd Quarterly Financial Report for TPO Board

D2. Promote board and volunteer leadership involvement  
  D2.1 Produce purposeful agendas with relevant topics  
  • Prepared and transmitted agenda’s for BPTAC, TPO and TAC/CAC

D3. Strengthen personnel performance, skills, and expertise  
  D3.1 Administer Strategic Planning Program  
  • Prepared July/August 2017 Strategic Plan report

  D3.2 Pursue training opportunities to increase skills and expertise  
  • Local Agency Program Title VI and ADA Training (Kraum and Rex)  
  • Give Em the Pickle/Fish Customer Service Class (Holden)  
  • Employee Development Classes: Supervising in Todays Work Environment; Continuous Improvement; (Hickman)

  D3.3 Administer performance program and maintain professional staffing levels  
  • Initiated process and established Selection Committee membership for new Executive Director
# Space Coast Transportation Planning Organization

**Strategic Plan Priorities - January - December, 2017**

*Roads to Rockets...The Sky is NOT the Limit*

## A. PLAN

<table>
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<tr>
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<tr>
<th>A2. Monitor and report transportation system performance</th>
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<td>A2.1 Report system performance and mobility trends</td>
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<td>A2.2 Report traffic and vulnerable road users trends and travel patterns</td>
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<td>A2.3 Report safety performance</td>
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## C. COMMUNICATE

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<td>C2.1 Identify and advance state legislative priorities</td>
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## D. LEAD

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<td>D1.1 Report budget and financial performance</td>
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<td>D1.3 Ensure compliance with state and federal requirements</td>
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ITEM NUMBER 7E

Public Participation Report

Abby Rex
abby.rex@brevardfl.gov

DISCUSSION:

The TPO's Public Involvement Officer will provide updates on public participation efforts and initiatives.

REQUESTED ACTION:

As desired by the TPO Board

ATTACHMENTS:

- None
ITEM NUMBER 7F

Local Government Report

Bob Kamm
bob.kamm@brevardfl.gov

DISCUSSION:

Reports on transportation-related topics within any jurisdiction of interest to other jurisdictions or agencies may be presented under this item.

REQUESTED ACTION:

As desired by the TPO Board

ATTACHMENTS:

- None
ITEM NUMBER 7G

Multi-Modal Agencies Report

Steven Bostel
steven.bostel@brevardfl.gov

DISCUSSION:

The TPO staff will give updates on multi-modal coordination efforts with the Canaveral Port Authority, Orlando-Melbourne International Airport Authority, and Space Florida.

REQUESTED ACTION:

As desired by the TPO Board

ATTACHMENTS:

- Upcoming Meeting Information
Upcoming Seaport, Airport, and Spaceport Public Meetings

Canaveral Port Authority
Next Meeting is on Thursday, September 28th at 9:00 AM
For agendas please visit: https://www.portcanaveral.com/About/Public-Meetings

Orlando Melbourne International Airport Authority
Next Scheduled meeting is on Wednesday, September 27th at 8:30 AM
For agendas please visit: http://www.mlbair.com/AirportOperations/MelbourneAirportAuthority/MAAAnndaBoardMeetingMinutes.aspx

Space Florida
Next Meeting is on Wednesday, November 29th, Jacksonville - Location and time to be determined.
For agenda info please visit: http://www.spaceflorida.gov/about-us/board-meeting-materials
ITEM NUMBER 7H

Regional Coordination Report

Bob Kamm
bob.kamm@brevardfl.gov

DISCUSSION:

Staff will provide a summary of significant regional transportation coordination activities.

REQUESTED ACTION:

As desired by the TPO Board

ATTACHMENTS:

• None
ITEM 7I

Florida Department of Transportation Report

Janna Taylor
janna.taylor@dot.state.fl.us

DISCUSSION:

FDOT will report to the TPO regarding the status of various construction projects and engineering studies currently in progress in Brevard County.

REQUESTED ACTION:

As desired by the TPO Board

ATTACHMENTS:

- District Traffic Operations Engineer James S. Stroz Jr. to Judy Pizzo, July 11, 2017, RE: SR 406 Brevard County, Attachment A
- Michael Sanders to Ms. Christine Barone, July 13, 2017, RE: Milepost 4.721 SR 520 and Tucker Lane Brevard County, Attachment B
- District Traffic Operations Engineer James S. Stroz Jr. to Director of Public Works John Denninghoff, August 4, 2017, RE: Milepost 24.699 SR 518 at SR 513/County Road 3 Brevard County, Attachment C
- August 20, 2017 Status of Contracts Report, Attachment D
MEMORANDUM

Date: July 11, 2017
To: Ms. Judy Pizzo
From: Jim Stroz
Copies: Ms. Christine Barone (w/attachment), Mr. Jay Williams, Mr. Tony Nosse
Subject: Section: 70002 – SR 406
Brevard County

We have completed a study on SR 406 to evaluate safety and operations at the intersections of Palm Avenue (MP 2.857), US 1 northbound (MP 2.903) and US 1 southbound (MP 2.949).

The study found the need to complete ADA, lighting and pedestrian improvements as part of a future reconstruction project. These improvements are detailed in the attached safety study.

The study also found the need for maintenance improvements, we ask that our local maintenance unit schedule these improvements as detailed in the attached improvement diagram.

As additional short term improvements, we will complete a structural analysis on the mast arms to determine if retroreflective backplates can be installed and we will program a project to install a coordination system between the signals and a flashing beacon for the US 1 southbound approach as funds become available.

JSS:kam:d
Attachments
MEMORANDUM

Date:  July 13, 2017
To:  Ms. Christine Barone
From:  Michael Sanders
Subject:  Section: 70100 — Milepost 4.721
SR 520 and Tucker Lane
Brevard County

We have completed a review of safety and operations at the intersection of SR 520 and Tucker Lane in Brevard County with emphasis on the need for a directional median opening restricting left-turns out of Tucker Lane and the Burger King driveway. Please arrange for the following improvements:

- Install pavement striping on outside eastbound shoulder east of Tucker Lane as shown in the attached improvement diagram.

Coordinate with Brevard County Maintenance to request the Burger King/Shell gas station operator to re-apply the stop bar, pavement arrows and lane line pavement markings on its driveway approach to guide exiting vehicles to the appropriate exit lane.

If any questions arise regarding the improvements, please call Ms. Sam Smith at 386-943-5766 or Samantha.Smith@dot.state.fl.us

MES:sss;mp:d
Attachment
August 4, 2017

Mr. John Denninghoff, P.E.
Director of Public Works
2725 Judge Fran Jamieson Way
Suite 201-A
Melbourne, FL 32940

Re: Section 70120 – M.P. 24.699
State Road 518 at State Road 513 /County Road 3
Brevard County

Dear Mr. Denninghoff:

We have completed our review of safety and operations at the intersection of State Road 518 (Eau Gallie Boulevard) and State Road 513 (South Patrick Drive)/County Road 3 (North Riverside Drive) (M.P. 7.333) in Brevard County, Florida with emphasis on pedestrian safety and yielding compliance.

After careful examination of the area, we found that safety and operations could be improved by implementing a five-second leading pedestrian interval (LPI) for the west leg crosswalk, as well as signing improvements. To reduce conflicts with northbound left-turning vehicles and pedestrians, a combination No Turn on Red/YIELD TO PEDS blank-out sign should be installed for the southbound right-turn movement. The No Turn on Red message should display when the northbound left-turn movement has a protected green indication and for the duration of the west leg crosswalk LPI.

We also found that the outdated “Turning Traffic Must Yield to Pedestrians” signs on the northbound, eastbound, and westbound approaches should be replaced with the current Turning Vehicles Yield to Pedestrians (R10-15) signs. These improvements are justified based on the crash history and observed conflicts at the intersection.

As the maintaining agency for this signal, we request that Brevard County complete these modifications. A copy of the study and two copies of the Traffic Signal Operations Change Order are enclosed. Please sign both copies, keep one for your records and return the other to this office. You may contact Mr. Ray Marlin of this office at (386) 943-5318 if you need signal equipment to make these changes.

Sincerely,

James S. Stroz, Jr., P.E.
District Traffic Operations Engineer
District Five

cc: Mr. Jay Williams
    Ms. Jackie Michalos
    Mr. Ray Marlin
    Mr. Mo Hassan

JSS:ajp:d
Enclosure

www.fdot.gov
ACTIVE CONSTRUCTION PROJECTS (Aug 2017)

PROJECT MANAGER / PROJECT ADMINISTRATOR NAMES
R.C. – Richard Clements
W.K. – Wilkes Kemp
R.M. – Robert Martens
A.M. – Andrew McAlister
R.H. – Robert Harris (consultant)
S.K. – Sari Kharroub (consultant)

PROJECTS WITH VARIOUS LOCATIONS

ESY9/437092-1-52-01 Bridge Repair/Rehab SR 518 over Indian River Relief, SR 520 over Indian River Relief East, & SR 5/US 1 over Kid Creek – A.M.

EST65/238002-3-52-48 Mast arms at SR 50 at I-95 SB, SR 513 at Desoto Pkwy/Laning Island Dr & US 192 at I-95 – A.M.

EST87/429276-1-72-15 Drainage Repairs – Routine Maint. – W.K.


T5613/441130-4-52-01 Fence Hur. Matthew Emerg Rprs – S.K.

T5614/441130-5-52-01 Lighting Hur Matthew Emerg Rprs – S.K.

T5580 / 432592-1-52-02 SR 520 from Tucker to Aurora, M & R – R.M.

T5587 / 435054-1-52-01 I-95 Lighting at Wickham, SR520 and SR 524. R.M./R.H.

T5564 / 435055-1-52-01 I-95 Lighting at Fiske and Pineda Interchanges. R.C./R.H.

T5546 / 423242-1-52-01 SR 518 (Eau Gallie Blvd) from Mossood Dr to Pineapple Mill & Resurface – W.K.

ESY20 / 426904-3-52-01 SR 9 (I-95) Interchange at St. Johns Heritage Parkway (SJHPW) – R.C./R.H.

ESY78 / 429276-1-72-13 US 1 from Lee Ctr to Garden S/SR 405 piping – R.H.

ESY86 / 429276-1-72-14 US 1 Curb & Gutter at Various Locations – A.M.

ESY59/437092-1-52-01 Bridge Repair/Rehab SR 518 over Indian River Relief, SR 520 over Indian River Relief East, & SR 5/US 1 over Kid Creek – A.M.

T5554 / 430667-1-52-02 Mill & Resurface, Sidewalk, Mirror Widening, etc. of SR A1A – R.C.

T5555 / 435433-1-52-01 SR 404 Bridge Repair CP= W.K.

T5558 / 434417-1-52-02 & 434417-2-52-01 Resurfacing A1A from over George King Blvd to SR 401 & SR 520 from 950’ W. of Banana River Relief Bridge to SR A1A= W.K.
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<tr>
<td>R. Martens/ CCEI</td>
<td>E5W79</td>
<td>East Central Rail Trail from Kingman Rd to Volusia County Line/ Construction Trail</td>
<td>424040-4-52-01</td>
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<tr>
<td>R. Clements/ CCEI</td>
<td>ESY20</td>
<td>I-95 (SR 9) Interchange at St. Johns heritage Parkway/ Palm Bay Parkway North of Micco Road</td>
<td>426904-3-52-01</td>
</tr>
<tr>
<td>R. Martens/ CCEI</td>
<td>T5534</td>
<td>AIA from US 192 to Pindea (SR 500 - to SR 404) Milling &amp; Resurfacing, updating Strain Poles &amp; Pedestrian Signals, Sidewalk, Bumps and Minor Drainage Improvements</td>
<td>428753-1-52-01</td>
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<td>R. Clements/ CCEI</td>
<td>T5564</td>
<td>I 95 Lighting at the Fiske Blvd and Pindea Causeway Interchanges</td>
<td>435055-1-52-01</td>
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<td>R. Martens/ CCEI</td>
<td>T5587</td>
<td>Brevard/ Lighting and Highway Signing Improvement at SR 9 (I-95)</td>
<td>435054-1-52-01</td>
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<td>R. Martens/ CCEI</td>
<td>T5591</td>
<td>SR 9 (I-95 INTERCHANGE) I-95 INTERCHANGE ATVIERA BLVD</td>
<td>428238-1-52-01</td>
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<td>R. Martens/ CCEI</td>
<td>T5601</td>
<td>MOVABLE BRIDGE REPAIRS PERMANENT - VOLUSIA -HURRICANE MATTHEW</td>
<td>441130-1-52-01</td>
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<td>R. Martens/ CCEI</td>
<td>T5611</td>
<td>NON-MOVABLE BRIDGE PERMANENT REPAIRS SR 528, SR 520, SR 518 AND SR</td>
<td>441130-2-52-01+</td>
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<td>R. Martens/ CCEI</td>
<td>T5612</td>
<td>SLOPE PERMANENT REPAIRS SR 500 (US 192), SR 518, SR 40</td>
<td>441130-3-52-01+</td>
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<td>R. Martens/ CCEI</td>
<td>T5613</td>
<td>PERMANENT FENCE REPAIR, HURRICANE MATTHEW SR 400, SR 9 (I-95), SR 15, SR</td>
<td>441130-4-52-01</td>
</tr>
<tr>
<td>R. Martens/ CCEI</td>
<td>T5614</td>
<td>LIGHTING PERMANENT REPAIR - HURRICANE MATTHEW SR 5 (US 1), SR 500 (US 192)</td>
<td>441130-5-52-01</td>
</tr>
</tbody>
</table>

**Phase 52 Construction Administered Contracts**

| W. Kemp | T5546 | SR 518 Eau Gallie Blvd Mill & Resurfacing from Mosswood Dr. to East of Pineapple Ave. | 432342-1-52-01 |
| R. Clements | T5554 | AIA Mill & Resurface, Sidewalk and Minor Widening South F Cherry Lee Ln to the pavement break North of Sunflower St | 430667-1-52-01 w/ 3 other FIN #'s |
| W. Kemp | T5555 | SR 404 (Pindea Causeway)/ Concrete Repairs and Improved Current Cathodic Protection | 435433-1-52-01 |
| R. Martens | T5580 | The Improvements under this Contract consist of milling and resurfacing, widening, box culvert extension, drainage improvements, curb and gutter, guardrail, gravity wall, traffic signals, sidewalk, pedestrian/bicycle railing, signing and pavement markings on SR520 from Tucker Road to east of Aurora Lane in Brevard County. | 432592-1-52-01 |
| W. Kemp | T5585 | Milling and Resurfacing, cross slope correction, signal updated and minor bridge enhancements and signing and marking on SR A1A from S. of George King Blvd. to SR 528 | 434417-1-52-01+ |
| R. Clements | ESY51 | The Improvements under this Contract consist of Bridge Deck Replacement. Located in Brevard County, Florida (70225). Bridge No. 700156 carrying SR 9 (I-95) over County Road 5A from MP 29.787 to 29.829. | 438321-1-52-01 |
| A. McAlister | ESY59 | The improvements under this Contract consists of sealing the concrete deck surface, replacing deck joint material at selected bents and other miscellaneous work for Bridge No.700183 (SR 518 over Indian River Relief) and Bridge No. 700196 (SR 520 over Indian River Relief East); and desilting and applying gunite to the interior surfaces of the three barrels for Bridge No. 700003 (SR 5 over Kid Creek at Bridge No. 901). | 437092-1-52-01 |
| A. McAlister | ESY60 | The improvements under this Contract consist of milling and resurfacing of SR 5 (US 1) from north of Barnes Boulevard to south of Park Avenue in Brevard County. This contract also includes widening, minor drainage, guardrail, and signing and pavement marking improvements. | 434742-1-52-01 |
| A. McAlister | ESY65 | The improvements under this contract consist of signalization, signing and pavement marking for SR500 (US-192) at I-95 (southbound), SR513 at Desoto Parkway/Lansing Island Dr., and SR50 at I-95 (southbound) in Brevard County | 238002-3-52-48 |
| A. McAlister | ESY97 | The Improvements under this Contract consist of installation and establishment of landscaping on SR 404 between US 1 and South Tropical Trail. | 439902-1-52-01 |

**Phase 72 Maintenance Administered Contracts**

| R. Watne | ESM98 | Maintenance of Thermo/RPMs | 425684-1-72-11 |
| R. Watne | ESP50 | Thermoplastic - Maintenance | 427954-1-72-01 |
| R. Watne | ESQ60 | Performance Pavement Markings | 429133-1-72-01 |
| M. Harper | ESQ76 | Roadside Maintenance | 427693-1-72-03 |
| R. Watne | EST50 | Various Locations in Brevard County Pavement Markings. RPM5 | 425678-1-72-04 |
| Nasrawy | EST84 | Drainage repairs SR 5/US 1 between Lee Court and Garden Street | 429276-1-72-13 |
| R. Watne | EST85 | Brevard/ Applying Thermoplastic, Durable Paint Pavement Markings, and Retro-Reflective Pavement Markers | 425678-1-72-05 |
| W. Kemp | EST87 | Drainage Improvements | 429276-1-72-15 |
| R. Watne | ESU18 | Performance Sidewalk in Brevard County | 425678-5-72-07 |
| R. Watne | ESU42 | Inspection, Maintenance & Repair of Drainage Facilities in Brevard, Orange And Volusia | 429276-1-72-12 |
| M. Harper | ESW85 | Landscape SR 528 @ I95 & SR 401 Interchanges | 435468-1-52-01 |
| R. Watne | ESW90 | SR 9 (I-95) @ Brevard County Rest Areas/ Landscape & Irrigation | 435467-1-52-01 |

**TIME HAS NOT YET BEGUN ON THESE CONTRACTS**

**HURRICANE CONTRACTS**
## Status of Contracts Report

**Resident Engineer:** Jim Boughanem

### Finproj Number 424040-4-52-01

**Contract Number:** E5W79

**Contract Location:** East Central Rail Trail from Kingman Rd to Volusia County Line/Construction Trail

**Contractor Name:** UNITED INFRASTRUCTURE GROUP, INC.

<table>
<thead>
<tr>
<th>Letting</th>
<th>Work Begin</th>
<th>Awarded</th>
<th>Time Begin</th>
<th>Execution</th>
<th>Original Completion</th>
<th>Notice to Proceed</th>
<th>Current Completion</th>
</tr>
</thead>
</table>

**Contract Days Progress**

<table>
<thead>
<tr>
<th>Original Days</th>
<th>Days Used</th>
<th>Present Days</th>
<th>% Used</th>
</tr>
</thead>
<tbody>
<tr>
<td>650.00</td>
<td>762.00</td>
<td>736.00</td>
<td>103.53%</td>
</tr>
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**Contract Dollars Progress**

<table>
<thead>
<tr>
<th>Original Amount</th>
<th>Estimate Paid to Date</th>
<th>Present Amount</th>
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<tbody>
<tr>
<td>$10,721,000.00</td>
<td>$9,021,062.94</td>
<td>$10,731,306.90</td>
</tr>
</tbody>
</table>

### Contact Information

- **Resident Engineer (FDOT):** Jim Boughanem (321-634-6086; cell 321-576-5562) jim.boughanem@dot.state.fl.us
- **Contractor Contact:** Triplett, James (803-581-6000; cell 803-513-1900) jet@uig.net
- **Senior Project Engineer:** Ryan, Martin (407-470-4414) mryan@eismanrusso.com
- **Project Administrator:** Woss, Scott (239-699-7588) wscott@eismanrusso.com
- **Contract Support Spec.:** Woodrum, Frankie (863-517-2910) fwoodrum@eismanrusso.com

---

### Finproj Number 426904-3-52-01

**Contract Number:** E5Y20

**Contract Location:** I-95 INT @ ST JOHNSHERITAGE PKWY/PALM BAY PK WY N OF MICCO RD

**Contractor Name:** RANGER CONSTRUCTION INDUSTRIES, INC.

<table>
<thead>
<tr>
<th>Letting</th>
<th>Work Begin</th>
<th>Awarded</th>
<th>Time Begin</th>
<th>Execution</th>
<th>Original Completion</th>
<th>Notice to Proceed</th>
<th>Current Completion</th>
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**Contract Days Progress**

<table>
<thead>
<tr>
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<th>% Used</th>
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<tr>
<td>547.00</td>
<td>209.00</td>
<td>590.00</td>
<td>35.42%</td>
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**Contract Dollars Progress**

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<tr>
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<th>Present Amount</th>
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<tbody>
<tr>
<td>$26,771,800.00</td>
<td>$6,158,646.28</td>
<td>$26,771,800.00</td>
</tr>
</tbody>
</table>

### Contact Information

- **Resident Engineer (FDOT):** Jim Boughanem (321-634-6086; cell 321-576-5562) jim.boughanem@dot.state.fl.us
- **Contractor Contact:** Flynn, Patrick
- **Construction Project Manager:** Clements, Richard (321-690-6090) richard.clements@dot.state.fl.us
- **Senior Project Engineer:** Ryan, Martin (407-470-4414) mryan@eismanrusso.com
- **Project Administrator:** Woss, Scott (239-699-7588) wscott@eismanrusso.com
- **Contract Support Spec.:** Woodrum, Frankie (863-517-2910) fwoodrum@eismanrusso.com

---

### Finproj Number 428753-1-52-01

**Contract Number:** T5534

**Contract Location:** A1A Between US 192 and Pindea Causeway

**Contractor Name:** MASCI GENERAL CONTRACTORS, INC.

<table>
<thead>
<tr>
<th>Letting</th>
<th>Work Begin</th>
<th>Awarded</th>
<th>Time Begin</th>
<th>Execution</th>
<th>Original Completion</th>
<th>Notice to Proceed</th>
<th>Current Completion</th>
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**Contract Days Progress**

<table>
<thead>
<tr>
<th>Original Days</th>
<th>Days Used</th>
<th>Present Days</th>
<th>% Used</th>
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<tbody>
<tr>
<td>600.00</td>
<td>365.00</td>
<td>666.00</td>
<td>54.80%</td>
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**Contract Dollars Progress**

<table>
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<tr>
<th>Original Amount</th>
<th>Estimate Paid to Date</th>
<th>Present Amount</th>
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<tbody>
<tr>
<td>$10,372,491.67</td>
<td>$5,614,251.52</td>
<td>$10,392,464.86</td>
</tr>
</tbody>
</table>

### Contact Information

- **Resident Engineer (FDOT):** Jim Boughanem (321-634-6086; cell 321-576-5562) jim.boughanem@dot.state.fl.us
- **Contractor Contact:** Wright, Chris (386-322-4500) chriswright@mascipac.com
- **Senior Project Engineer:** Ryan, Martin (407-470-4414) mryan@eismanrusso.com
- **Project Administrator:** Woss, Scott (239-699-7588) wscott@eismanrusso.com
- **Contract Support Spec.:** Woodrum, Frankie (863-517-2910) fwoodrum@eismanrusso.com

---
<table>
<thead>
<tr>
<th>Contract Number</th>
<th>Federal Aid Number</th>
<th>Contract Location</th>
<th>Contractor Name</th>
<th>Letting</th>
<th>Work Begin</th>
<th>Awarded</th>
<th>Time Begin</th>
<th>Execution</th>
<th>Original Completion</th>
<th>Notice to Proceed</th>
<th>Current Completion</th>
<th>Anticipated Completion</th>
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</thead>
<tbody>
<tr>
<td>T5587</td>
<td>0953135I</td>
<td>Lighting &amp; Highway Signing Improvement (SR 9) I-95 AT Wickham Rd, SR 520 &amp; SR 524</td>
<td>Chinchor Electric, Inc.</td>
<td>3/29/2017</td>
<td>7/31/2017</td>
<td>4/18/2017</td>
<td>7/31/2017</td>
<td>5/2/2017</td>
<td>8/14/2018</td>
<td>5/30/2017</td>
<td>8/14/2018</td>
<td>Early Winter 2018</td>
</tr>
</tbody>
</table>

**Contract Days Progress:**

- **Original Days:**
  - T5564: 230.00
  - T5587: 380.00
  - T5591: 500.00

- **Days Used:**
  - T5564: 301.00
  - T5587: 21.00
  - T5591: 0.00

- **Present Days:**
  - T5564: 307.00
  - T5587: 380.00
  - T5591: 500.00

**Contract Dollars Progress:**

- **Original Amount:**
  - T5564: $2,766,468.00
  - T5587: $3,220,056.00
  - T5591: $16,694,355.85

- **Estimate Paid to Date:**
  - T5564: $2,577,928.13
  - T5587: $135,990.40
  - T5591: $0.00

- **Present Amount:**
  - T5564: $2,766,468.00
  - T5587: $3,220,056.00
  - T5591: $16,694,355.85

**% Used:**

- T5564: 98.05%
- T5587: 5.53%
- T5591: 0.00%

**% Amount used to Present:**

- T5564: 93.18%
- T5587: 4.22%
- T5591: 0.00%
## Status of Contracts Report

**Brevard Operations**

**Resident Engineer: Jim Boughanem**

### Finproj Number 432342-1-52-01

**Contract Number:** T5546  
**Federal Aid Number:** N/A  
**Contract Location:** SR 518 Eau Gallie From West of Mosswood Dr. to Pineapple Ave

<table>
<thead>
<tr>
<th>Contract Days Progress</th>
<th>Contract Dollars Progress</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Original Days:</strong> 230.00</td>
<td><strong>Original Amount:</strong> $2,075,235.28</td>
</tr>
<tr>
<td><strong>Days Used:</strong> 260.00</td>
<td><strong>Estimate Paid to Date:</strong> $1,254,522.87</td>
</tr>
<tr>
<td><strong>Present Days:</strong> 291.00</td>
<td><strong>Present Amount:</strong> $2,075,235.28</td>
</tr>
</tbody>
</table>

**% Used:** 89.35%  
**% Amount used to Present:** 60.45%

### Contact Information

<table>
<thead>
<tr>
<th>Name</th>
<th>Phone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resident Engineer (FDOT) Boughanem, Jim</td>
<td>321-634-6086; Cell 321-576-5562</td>
<td><a href="mailto:jim.boughanem@dot.state.fl.us">jim.boughanem@dot.state.fl.us</a></td>
</tr>
<tr>
<td>Construction Project Manager Kemp, Wilkes E</td>
<td>321-634-6099; cell 321-431-9131</td>
<td><a href="mailto:wilkes.kemp@dot.state.fl.us">wilkes.kemp@dot.state.fl.us</a></td>
</tr>
<tr>
<td>Engineer of Record Florence, Ryan</td>
<td>813-636-2152</td>
<td><a href="mailto:ryan.florence@aecom.com">ryan.florence@aecom.com</a></td>
</tr>
<tr>
<td>Contractor Contact Wright, Chris</td>
<td>386-322-4500</td>
<td><a href="mailto:chriswright@mascigc.com">chriswright@mascigc.com</a></td>
</tr>
<tr>
<td>Project Administrator Kemp, Wilkes E</td>
<td>321-634-6099; cell 321-431-9131</td>
<td><a href="mailto:wilkes.kemp@dot.state.fl.us">wilkes.kemp@dot.state.fl.us</a></td>
</tr>
</tbody>
</table>

### Finproj Number 430667-1-52-01

**Contract Number:** T5554  
**Federal Aid Number:** 4932050P & 4932051P  
**Contract Location:** A1A South of 36th St South to North of Sunflower St

<table>
<thead>
<tr>
<th>Contract Days Progress</th>
<th>Contract Dollars Progress</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Original Days:</strong> 320.00</td>
<td><strong>Original Amount:</strong> $5,357,590.18</td>
</tr>
<tr>
<td><strong>Days Used:</strong> 346.00</td>
<td><strong>Estimate Paid to Date:</strong> $4,544,006.72</td>
</tr>
<tr>
<td><strong>Present Days:</strong> 368.00</td>
<td><strong>Present Amount:</strong> $5,370,729.16</td>
</tr>
</tbody>
</table>

**% Used:** 94.02%  
**% Amount used to Present:** 84.61%

### Contact Information

<table>
<thead>
<tr>
<th>Name</th>
<th>Phone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resident Engineer (FDOT) Boughanem, Jim</td>
<td>321-634-6086; Cell 321-576-5562</td>
<td><a href="mailto:jim.boughanem@dot.state.fl.us">jim.boughanem@dot.state.fl.us</a></td>
</tr>
<tr>
<td>Construction Project Manager Kemp, Wilkes E</td>
<td>321-634-6099; cell 321-431-9131</td>
<td><a href="mailto:wilkes.kemp@dot.state.fl.us">wilkes.kemp@dot.state.fl.us</a></td>
</tr>
<tr>
<td>Engineer of Record Windsor, John</td>
<td>850-636-2590 ext. 3012</td>
<td><a href="mailto:jmwindsor@fisherarnold.com">jmwindsor@fisherarnold.com</a></td>
</tr>
<tr>
<td>Contractor Contact Wright, Chris</td>
<td>386-322-4500</td>
<td><a href="mailto:chriswright@mascigc.com">chriswright@mascigc.com</a></td>
</tr>
<tr>
<td>Project Administrator Clements, Richard</td>
<td>321-634-6090</td>
<td><a href="mailto:richard.clements@dot.state.fl.us">richard.clements@dot.state.fl.us</a></td>
</tr>
</tbody>
</table>

### Finproj Number 435433-1-52-01

**Contract Number:** T5555  
**Federal Aid Number:** N/A  
**Contract Location:** SR 404 (Pineda Causeway)/Concrete Repairs

<table>
<thead>
<tr>
<th>Contract Days Progress</th>
<th>Contract Dollars Progress</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Original Days:</strong> 560.00</td>
<td><strong>Original Amount:</strong> $4,783,671.00</td>
</tr>
<tr>
<td><strong>Days Used:</strong> 348.00</td>
<td><strong>Estimate Paid to Date:</strong> $3,694,305.04</td>
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<tr>
<td><strong>Present Days:</strong> 669.00</td>
<td><strong>Present Amount:</strong> $4,792,107.38</td>
</tr>
</tbody>
</table>

**% Used:** 52.02%  
**% Amount used to Present:** 77.09%

### Contact Information

<table>
<thead>
<tr>
<th>Name</th>
<th>Phone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resident Engineer (FDOT) Boughanem, Jim</td>
<td>321-634-6086; Cell 321-576-5562</td>
<td><a href="mailto:jim.boughanem@dot.state.fl.us">jim.boughanem@dot.state.fl.us</a></td>
</tr>
<tr>
<td>Construction Project Manager Kemp, Wilkes E</td>
<td>321-634-6099; cell 321-431-9131</td>
<td><a href="mailto:wilkes.kemp@dot.state.fl.us">wilkes.kemp@dot.state.fl.us</a></td>
</tr>
<tr>
<td>Engineer of Record Mulhearn, Patrick</td>
<td>813-636-2590 ext. 3012</td>
<td><a href="mailto:patrick.mulhearn@kisingercampo.com">patrick.mulhearn@kisingercampo.com</a></td>
</tr>
<tr>
<td>Contractor Contact O’Brien, Jesse</td>
<td>386-322-4500</td>
<td><a href="mailto:jesse@gosaliaco.com">jesse@gosaliaco.com</a></td>
</tr>
<tr>
<td>Project Administrator Kemp, Wilkes E</td>
<td>321-634-6099; cell 321-431-9131</td>
<td><a href="mailto:wilkes.kemp@dot.state.fl.us">wilkes.kemp@dot.state.fl.us</a></td>
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## Status of Contracts Report
### Brevard Operations
#### Resident Engineer: Jim Boughanem

<table>
<thead>
<tr>
<th>Finproj Number</th>
<th>Contract Number</th>
<th>Contract Location</th>
<th>Contractor Name</th>
<th>Letting</th>
<th>Awarded</th>
<th>Execution</th>
<th>Notice to Proceed</th>
<th>Work Begin</th>
<th>Time Begin</th>
<th>Original Completion</th>
<th>Current Completion</th>
<th>% Used</th>
<th>% Amount used to Present</th>
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</thead>
<tbody>
<tr>
<td>438321-1-52-01</td>
<td>E5Y51</td>
<td>I-95 NB OVER CR 5A BRIDGE # 700156</td>
<td>OCEANEER CONSULTING, LLC D/B/A OCEANEER</td>
<td>6/6/2017</td>
<td>6/26/2017</td>
<td>7/13/2017</td>
<td>8/10/2017</td>
<td>10/9/2017</td>
<td>10/7/2017</td>
<td>1/7/2018</td>
<td>1/7/2018</td>
<td>0.00%</td>
<td>5.23%</td>
</tr>
</tbody>
</table>

### Contact Information
- **Resident Engineer (FDOT):** Jim Boughanem
  - Phone: 321-634-6086; Cell 321-576-5562
  - Email: jim.boughanem@dot.state.fl.us
- **Engineer of Record:** Schlaffer, Greg
  - Phone: 321-634-6097
  - Email: gschlaffer@pandspavinginc.com
- **Project Administrator:** Martens, Robert
  - Phone: 321-634-6097
  - Email: robert.martens@dot.state.fl.us
- **Resident Engineer (FDOT):** Boughanem, Jim
  - Phone: 321-634-6086; Cell 321-576-5562
  - Email: jim.boughanem@dot.state.fl.us
- **Construction Project Manager:** Martens, Robert
  - Phone: 321-634-6097
  - Email: robert.martens@dot.state.fl.us
- **Project Administrator:** Kemp, Wilkes E
  - Phone: 321-634-6099; Cell 321-431-9131
  - Email: wilkes.kemp@dot.state.fl.us
- **Resident Engineer (FDOT):** Boughanem, Jim
  - Phone: 321-634-6086; Cell 321-576-5562
  - Email: jim.boughanem@dot.state.fl.us
- **Construction Project Manager:** Kemp, Wilkes E
  - Phone: 321-634-6099; Cell 321-431-9131
  - Email: wilkes.kemp@dot.state.fl.us
- **Resident Engineer (FDOT):** Boughanem, Jim
  - Phone: 321-634-6086; Cell 321-576-5562
  - Email: jim.boughanem@dot.state.fl.us
- **Engineer of Record:** Wright, Chris
  - Phone: 386-322-4500
  - Email: chriswright@mascigc.com
- **Project Administrator:** Clements, Richard
  - Phone: 321-634-6090
  - Email: richard.clements@dot.state.fl.us
<table>
<thead>
<tr>
<th>Finproj Number</th>
<th>E5Y59</th>
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<tbody>
<tr>
<td>Contract Location</td>
<td>BREVARD COUNTYWIDE DECK REHABILITATION AND SEALING</td>
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<tr>
<td>Contractor Name</td>
<td>ESTEP CONSTRUCTION</td>
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<tr>
<td>Name</td>
<td>Phone</td>
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<tr>
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<td>Boughanem, Jim</td>
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<tr>
<td>Construction Project Manager</td>
<td>Boughanem, Jim</td>
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<tr>
<td>Engineer of Record</td>
<td>Howard, Christopher</td>
</tr>
<tr>
<td>Contractor Contact</td>
<td>Estep, Jeff</td>
</tr>
<tr>
<td>Project Administrator</td>
<td>McAlister, Andrew</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Finproj Number</th>
<th>E5Y60</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contract Location</td>
<td>SR 5 (US 1) From N of Barnes Blvd to S of Park Ave</td>
</tr>
<tr>
<td>Contractor Name</td>
<td>MASC GENERAL CONTRACTORS, INC</td>
</tr>
<tr>
<td>Letting</td>
<td>4/4/2017</td>
</tr>
<tr>
<td>Awarded</td>
<td>4/24/2017</td>
</tr>
<tr>
<td>Execution</td>
<td>5/1/2017</td>
</tr>
<tr>
<td>Notice to Proceed</td>
<td>5/30/2017</td>
</tr>
<tr>
<td>Contract Days Progress</td>
<td></td>
</tr>
<tr>
<td>Original Days</td>
<td>170.00</td>
</tr>
<tr>
<td>Days Used</td>
<td>53.00</td>
</tr>
<tr>
<td>Present Days</td>
<td>181.00</td>
</tr>
<tr>
<td>% Used</td>
<td>29.28%</td>
</tr>
<tr>
<td>% Amount used to Present</td>
<td>24.36%</td>
</tr>
<tr>
<td>Name</td>
<td>Phone</td>
</tr>
<tr>
<td>Resident Engineer (FDOT)</td>
<td>Boughanem, Jim</td>
</tr>
<tr>
<td>Construction Project Manager</td>
<td>Nasrawy, Richard</td>
</tr>
<tr>
<td>Engineer of Record</td>
<td>Pearson, Dennis</td>
</tr>
<tr>
<td>Contractor Contact</td>
<td>Jewett, David</td>
</tr>
<tr>
<td>Project Administrator</td>
<td>McAlister, Andrew</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Finproj Number</th>
<th>E5Y65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contract Location</td>
<td>SR500 (US-192) at I-95 (southbound), SR513 at Desoto Parkway/Lansing Island Dr., and SR50 at I-95 (southbound) in Brevard County</td>
</tr>
<tr>
<td>Contractor Name</td>
<td>TRAFFIC CONTROL DEVICES, INC</td>
</tr>
<tr>
<td>Letting</td>
<td>12/6/2016</td>
</tr>
<tr>
<td>Awarded</td>
<td>12/27/2016</td>
</tr>
<tr>
<td>Execution</td>
<td>1/12/2017</td>
</tr>
<tr>
<td>Notice to Proceed</td>
<td>3/3/2017</td>
</tr>
<tr>
<td>Contract Days Progress</td>
<td></td>
</tr>
<tr>
<td>Original Days</td>
<td>100.00</td>
</tr>
<tr>
<td>Days Used</td>
<td>16.00</td>
</tr>
<tr>
<td>Present Days</td>
<td>116.00</td>
</tr>
<tr>
<td>% Used</td>
<td>14.81%</td>
</tr>
<tr>
<td>% Amount used to Present</td>
<td>31.52%</td>
</tr>
<tr>
<td>Name</td>
<td>Phone</td>
</tr>
<tr>
<td>Resident Engineer (FDOT)</td>
<td>Boughanem, Jim</td>
</tr>
<tr>
<td>Construction Project Manager</td>
<td>Nasrawy, Richard</td>
</tr>
<tr>
<td>Engineer of Record</td>
<td>Pearson, Dennis</td>
</tr>
<tr>
<td>Contractor Contact</td>
<td>Jimenez, Mark</td>
</tr>
<tr>
<td>Project Administrator</td>
<td>McAlister, Andrew</td>
</tr>
</tbody>
</table>
## Status of Contracts Report
### Brevard Operations
#### Resident Engineer: Jim Boughanem

<table>
<thead>
<tr>
<th>Finproj Number</th>
<th>439902-1-52-01</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contract Number</td>
<td>E5Y97</td>
</tr>
<tr>
<td>Contract Location</td>
<td>SR 404 (PINEDA CAUSEWAY) - 2 SECTIONS</td>
</tr>
<tr>
<td>Contractor Name</td>
<td>SANTA CRUZ CONSTRUCTION, INC</td>
</tr>
</tbody>
</table>

### Contract Data
- Letting: 6/8/2017
- Awarded: 6/26/2017
- Execution: 7/13/2017
- Notice to Proceed: 8/2/2017
- Work Begin: 9/1/2017
- Time Begin: 5/1/2017
- Original Completion: 3/19/2020
- Current Completion: 3/19/2020
- Anticipated Completion: Early Spring 2020

### Contract Days Progress
- Original Days: 930.00
- Days Used: 0.00
- Present Days: 930.00
- % Used: 0.00%

### Contract Dollars Progress
- Original Amount: $594,987.00
- Estimate Paid to Date: $0.00
- Present Amount: $594,987.00
- % Amount used to Present: 0.00%

### Contact Information
- **Resident Engineer (FDOT)**: Boughanem, Jim  (321-634-6086; Cell 321-576-5562)  jim.boughanem@dot.state.fl.us
- **Construction Project Manager**
- **Engineer of Record**
- **Contractor Contact**
- **Project Administrator**: McAlister, Andrew  (321-634-6105; Cell 321-355-8532)  Andrew.McAlister@dot.state.fl.us
<table>
<thead>
<tr>
<th>Finproj Number</th>
<th>Contract Number</th>
<th>Federal Aid Number</th>
<th>Contractor Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>42564-1-72-11</td>
<td>E5M98</td>
<td>N/A</td>
<td>SOUTHERN STATES PAVEMENT MARKINGS, INC.</td>
</tr>
</tbody>
</table>

**Contract Days Progress**

<table>
<thead>
<tr>
<th>Original Days</th>
<th>Days Used</th>
<th>% Used</th>
</tr>
</thead>
<tbody>
<tr>
<td>2557.00</td>
<td>2466.00</td>
<td>96.44%</td>
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**Contract Dollars Progress**

<table>
<thead>
<tr>
<th>Original Amount</th>
<th>Estimate Paid to Date</th>
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</tr>
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<tbody>
<tr>
<td>$1,437,000.00</td>
<td>$1,020,270.00</td>
<td>$1,163,970.00</td>
</tr>
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**Contact Information**

<table>
<thead>
<tr>
<th>Name</th>
<th>Phone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ops. Program Engineer</td>
<td>Nasrawy, Richard</td>
<td><a href="mailto:Richard.Nasrawy@dot.state.fl.us">Richard.Nasrawy@dot.state.fl.us</a></td>
</tr>
<tr>
<td>Contractor Contact</td>
<td>Carter, Melvin</td>
<td><a href="mailto:mcarterameri@aol.com">mcarterameri@aol.com</a></td>
</tr>
<tr>
<td>Construction Manager</td>
<td>Matos, Hector</td>
<td><a href="mailto:hector.matos@dot.state.fl.us">hector.matos@dot.state.fl.us</a></td>
</tr>
<tr>
<td>Project Administrator</td>
<td>Watne, Rubie</td>
<td><a href="mailto:rubie.watne@dot.state.fl.us">rubie.watne@dot.state.fl.us</a></td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Finproj Number</th>
<th>Contract Number</th>
<th>Federal Aid Number</th>
<th>Contractor Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>427954-1-72-01</td>
<td>E5P50</td>
<td>N/A</td>
<td>SOUTHERN STATES PAVEMENT MARKINGS, INC.</td>
</tr>
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</table>

**Contract Days Progress**

<table>
<thead>
<tr>
<th>Original Days</th>
<th>Days Used</th>
<th>% Used</th>
</tr>
</thead>
<tbody>
<tr>
<td>2557.00</td>
<td>2253.00</td>
<td>88.11%</td>
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**Contract Dollars Progress**

<table>
<thead>
<tr>
<th>Original Amount</th>
<th>Estimate Paid to Date</th>
<th>Present Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1,188,328.00</td>
<td>$962,545.68</td>
<td>$962,545.68</td>
</tr>
</tbody>
</table>

**Contact Information**

<table>
<thead>
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<th>Name</th>
<th>Phone</th>
<th>Email</th>
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<tr>
<td>Ops. Program Engineer</td>
<td>Nasrawy, Richard</td>
<td><a href="mailto:Richard.Nasrawy@dot.state.fl.us">Richard.Nasrawy@dot.state.fl.us</a></td>
</tr>
<tr>
<td>Contractor Contact</td>
<td>Carter, Melvin</td>
<td><a href="mailto:mcarterameri@aol.com">mcarterameri@aol.com</a></td>
</tr>
<tr>
<td>Construction Manager</td>
<td>Matos, Hector</td>
<td><a href="mailto:hector.matos@dot.state.fl.us">hector.matos@dot.state.fl.us</a></td>
</tr>
<tr>
<td>Project Administrator</td>
<td>Watne, Rubie</td>
<td><a href="mailto:rubie.watne@dot.state.fl.us">rubie.watne@dot.state.fl.us</a></td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Finproj Number</th>
<th>Contract Number</th>
<th>Federal Aid Number</th>
<th>Contractor Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>429133-1-72-01</td>
<td>E5Q60</td>
<td>N/A</td>
<td>3M COMPANY</td>
</tr>
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**Contract Days Progress**

<table>
<thead>
<tr>
<th>Original Days</th>
<th>Days Used</th>
<th>% Used</th>
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<tbody>
<tr>
<td>1825.00</td>
<td>1488.00</td>
<td>81.53%</td>
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**Contract Dollars Progress**

<table>
<thead>
<tr>
<th>Original Amount</th>
<th>Estimate Paid to Date</th>
<th>Present Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1,332,000.00</td>
<td>$865,800.00</td>
<td>$1,332,000.00</td>
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</tbody>
</table>

**Contact Information**

<table>
<thead>
<tr>
<th>Name</th>
<th>Phone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ops. Program Engineer</td>
<td>Nasrawy, Richard</td>
<td><a href="mailto:Richard.Nasrawy@dot.state.fl.us">Richard.Nasrawy@dot.state.fl.us</a></td>
</tr>
<tr>
<td>Contractor Contact</td>
<td>Farmer, Mike</td>
<td><a href="mailto:mafarmer@mmm.com">mafarmer@mmm.com</a></td>
</tr>
<tr>
<td>Construction Manager</td>
<td>Matos, Hector</td>
<td><a href="mailto:hector.matos@dot.state.fl.us">hector.matos@dot.state.fl.us</a></td>
</tr>
<tr>
<td>Project Administrator</td>
<td>Watne, Rubie</td>
<td><a href="mailto:rubie.watne@dot.state.fl.us">rubie.watne@dot.state.fl.us</a></td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Finproj Number</th>
<th>Contract Number</th>
<th>Federal Aid Number</th>
<th>Contractor Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>427693-1-72-03</td>
<td>E5Q76</td>
<td>N/A</td>
<td>USA SERVICES OF FLORIDA, INC.</td>
</tr>
</tbody>
</table>

**Contract Days Progress**

<table>
<thead>
<tr>
<th>Original Days</th>
<th>Days Used</th>
<th>% Used</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009.00</td>
<td>1106.00</td>
<td>55.05%</td>
</tr>
</tbody>
</table>

**Contract Dollars Progress**

<table>
<thead>
<tr>
<th>Original Amount</th>
<th>Estimate Paid to Date</th>
<th>Present Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>$4,884,000.00</td>
<td>$2,688,000.00</td>
<td>$4,909,000.00</td>
</tr>
</tbody>
</table>

**Contact Information**

<table>
<thead>
<tr>
<th>Name</th>
<th>Phone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ops. Program Engineer</td>
<td>Nasrawy, Richard</td>
<td><a href="mailto:Richard.Nasrawy@dot.state.fl.us">Richard.Nasrawy@dot.state.fl.us</a></td>
</tr>
<tr>
<td>Contractor Contact</td>
<td>Ocasio, Angel</td>
<td><a href="mailto:mafarmer@mmm.com">mafarmer@mmm.com</a></td>
</tr>
<tr>
<td>Construction Manager</td>
<td>Matos, Hector</td>
<td><a href="mailto:hector.matos@dot.state.fl.us">hector.matos@dot.state.fl.us</a></td>
</tr>
<tr>
<td>Project Administrator</td>
<td>Harper, Mark</td>
<td><a href="mailto:mark.harper@dot.state.fl.us">mark.harper@dot.state.fl.us</a></td>
</tr>
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<table>
<thead>
<tr>
<th>Finproj Number</th>
<th>Contract Number</th>
<th>Federal Aid Number</th>
<th>Contractor Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>427693-1-72-03</td>
<td>E5Q76</td>
<td>N/A</td>
<td>USA SERVICES OF FLORIDA, INC.</td>
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**Contract Days Progress**

<table>
<thead>
<tr>
<th>Original Days</th>
<th>Days Used</th>
<th>% Used</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009.00</td>
<td>1106.00</td>
<td>55.05%</td>
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**Contract Dollars Progress**

<table>
<thead>
<tr>
<th>Original Amount</th>
<th>Estimate Paid to Date</th>
<th>Present Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>$4,884,000.00</td>
<td>$2,688,000.00</td>
<td>$4,909,000.00</td>
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**Contact Information**

<table>
<thead>
<tr>
<th>Name</th>
<th>Phone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ops. Program Engineer</td>
<td>Nasrawy, Richard</td>
<td><a href="mailto:Richard.Nasrawy@dot.state.fl.us">Richard.Nasrawy@dot.state.fl.us</a></td>
</tr>
<tr>
<td>Contractor Contact</td>
<td>Ocasio, Angel</td>
<td><a href="mailto:mafarmer@mmm.com">mafarmer@mmm.com</a></td>
</tr>
<tr>
<td>Construction Manager</td>
<td>Matos, Hector</td>
<td><a href="mailto:hector.matos@dot.state.fl.us">hector.matos@dot.state.fl.us</a></td>
</tr>
<tr>
<td>Project Administrator</td>
<td>Harper, Mark</td>
<td><a href="mailto:mark.harper@dot.state.fl.us">mark.harper@dot.state.fl.us</a></td>
</tr>
</tbody>
</table>
## Contract Number: EST50
### Federal Aid Number: N/A
### Contractor Location: SR A1A, 50, 508, 513, 519 and 520
### Contractor Name: WHITELEAF, LLC DBA TRAFFIC SOLUTIONS

<table>
<thead>
<tr>
<th>Contract Days Progress</th>
<th>Contract Dollars Progress</th>
</tr>
</thead>
<tbody>
<tr>
<td>Original Days 730.00</td>
<td>Original Amount $513,500.00</td>
</tr>
<tr>
<td>Days Used 560.00</td>
<td>Estimate Paid to Date $451,634.49</td>
</tr>
<tr>
<td>Present Days 730.00</td>
<td>Present Amount $513,500.00</td>
</tr>
<tr>
<td>% Used 76.71%</td>
<td>% Amount used to Present 87.95%</td>
</tr>
</tbody>
</table>

### Contact Information

<table>
<thead>
<tr>
<th>Name</th>
<th>Phone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ops. Program Engineer</td>
<td>Nasrawy, Richard</td>
<td>321-634-6020; Cell 321-243-7687</td>
</tr>
<tr>
<td>Construction Manager</td>
<td>Matos, Hector</td>
<td>321-634-6098; cell 321-431-9135</td>
</tr>
<tr>
<td>Project Administrator</td>
<td>Watne, Rubie</td>
<td>321-634-6009 (O) 321-200-2762 (Cell)</td>
</tr>
</tbody>
</table>

## Contract Number: EST84
### Federal Aid Number: N/A
### Contractor Location: SR 5 (US 1) Drainage Repairs
### Contractor Name: EVANS CONTRACTING SERVICES, INC.

<table>
<thead>
<tr>
<th>Contract Days Progress</th>
<th>Contract Dollars Progress</th>
</tr>
</thead>
<tbody>
<tr>
<td>Original Days 140.00</td>
<td>Original Amount $545,887.50</td>
</tr>
<tr>
<td>Days Used 124.00</td>
<td>Estimate Paid to Date $411,678.75</td>
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<tr>
<td>Present Days 145.00</td>
<td>Present Amount $545,887.50</td>
</tr>
<tr>
<td>% Used 85.52%</td>
<td>% Amount used to Present 75.41%</td>
</tr>
</tbody>
</table>

### Contact Information

<table>
<thead>
<tr>
<th>Name</th>
<th>Phone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resident Engineer (FDOT)</td>
<td>Boughanem, Jim</td>
<td>321-634-6086; Cell 321-576-5562</td>
</tr>
<tr>
<td>Engineer of Record</td>
<td>Nasrawy, Richard</td>
<td>321-634-6020</td>
</tr>
<tr>
<td>Project Manager- Design</td>
<td>Matos, Hector</td>
<td>321-634-6098; cell 321-431-9135</td>
</tr>
<tr>
<td>Contractor Contact</td>
<td>Robbine, Chris</td>
<td>407-738-8308</td>
</tr>
<tr>
<td>Project Administrator</td>
<td>Watne, Rubie</td>
<td>321-634-6009 (O) 321-200-2762 (Cell)</td>
</tr>
</tbody>
</table>

## Contract Number: EST85
### Federal Aid Number: N/A
### Contractor Location: Striping- Work Document Contract
### Contractor Name: TRAFFIC SOLUTIONS

<table>
<thead>
<tr>
<th>Contract Days Progress</th>
<th>Contract Dollars Progress</th>
</tr>
</thead>
<tbody>
<tr>
<td>Original Days 362.00</td>
<td>Original Amount $500,000.00</td>
</tr>
<tr>
<td>Days Used 36.00</td>
<td>Estimate Paid to Date $0.00</td>
</tr>
<tr>
<td>Present Days 362.00</td>
<td>Present Amount $500,000.00</td>
</tr>
<tr>
<td>% Used 10.77%</td>
<td>% Amount used to Present 0.00%</td>
</tr>
</tbody>
</table>

### Contact Information

<table>
<thead>
<tr>
<th>Name</th>
<th>Phone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resident Engineer (FDOT)</td>
<td>Boughanem, Jim</td>
<td>321-634-6086; Cell 321-576-5562</td>
</tr>
<tr>
<td>Engineer of Record</td>
<td>Nasrawy, Richard</td>
<td>321-634-6020</td>
</tr>
<tr>
<td>Project Manager- Design</td>
<td>Matos, Hector</td>
<td>321-634-6098; cell 321-431-9135</td>
</tr>
<tr>
<td>Contractor Contact</td>
<td>Robbine, Chris</td>
<td>407-738-8308</td>
</tr>
<tr>
<td>Project Administrator</td>
<td>Watne, Rubie</td>
<td>321-634-6009 (O) 321-200-2762 (Cell)</td>
</tr>
</tbody>
</table>

## Contract Number: EST87
### Federal Aid Number: N/A
### Contractor Location: F.W.A.K., INC
### Contractor Name: F.W.A.K., INC

<table>
<thead>
<tr>
<th>Contract Days Progress</th>
<th>Contract Dollars Progress</th>
</tr>
</thead>
<tbody>
<tr>
<td>Original Days 150.00</td>
<td>Original Amount $142,776.00</td>
</tr>
<tr>
<td>Days Used 150.00</td>
<td>Estimate Paid to Date $95,998.00</td>
</tr>
<tr>
<td>Present Days 195.00</td>
<td>Present Amount $142,776.00</td>
</tr>
<tr>
<td>% Used 94.87%</td>
<td>% Amount used to Present 67.24%</td>
</tr>
</tbody>
</table>

### Contact Information

<table>
<thead>
<tr>
<th>Name</th>
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<th>Email</th>
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<tr>
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<td>321-634-6020</td>
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<tr>
<td>Project Manager- Design</td>
<td>Matos, Hector</td>
<td>321-634-6098; cell 321-431-9135</td>
</tr>
<tr>
<td>Contractor Contact</td>
<td>Robbine, Wilkes</td>
<td>321-634-6099; cell 321-431-9131</td>
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</table>

**Attachment D**

**Page #133**
### Finproj Number 425678-5-72-07
#### Contract Number E5U18
#### Federal Aid Number N/A
#### Contract Location Performance Sidewalk in Brevard County
#### Contractor Name MIDWESTEN CONSTRUCTION, INC.

<table>
<thead>
<tr>
<th>Letting</th>
<th>Work Begin</th>
<th>Time Begin</th>
<th>Awarded</th>
<th>Time Begin</th>
<th>Execution</th>
<th>Original Completion</th>
<th>Time Begin</th>
<th>Notice to Proceed</th>
<th>Current Completion</th>
</tr>
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</table>

#### Contract Days Progress

<table>
<thead>
<tr>
<th>Original Days</th>
<th>Original Amount</th>
<th>Days Used</th>
<th>Est. Paid to Date</th>
<th>Present Days</th>
<th>Present Amount</th>
</tr>
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<tbody>
<tr>
<td>1095.00</td>
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<td>$87,820.00</td>
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% Used: 16.35%
% Amount used to Present: 0.00%

### Contact Information

- **Resident Engineer (FDOT)**: Boughanem, Jim
- **Engineer of Record**: Nasrawy, Richard
- **Project Manager**: Matos, Hector
- **Contractor Contact**: Pollard, Frank
- **Project Administrator**: Watne, Rubie

### Finproj Number 429276-1-72-12
#### Contract Number E5U42
#### Federal Aid Number N/A
#### Contract Location Inspection, Maintenance & Repair of Drainage Facilities in Brevard, Orange And Volusia
#### Contractor Name MAER Construction

<table>
<thead>
<tr>
<th>Letting</th>
<th>Work Begin</th>
<th>Time Begin</th>
<th>Awarded</th>
<th>Time Begin</th>
<th>Execution</th>
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<th>Time Begin</th>
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<th>Current Completion</th>
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#### Contract Days Progress

<table>
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<tr>
<th>Original Days</th>
<th>Original Amount</th>
<th>Days Used</th>
<th>Est. Paid to Date</th>
<th>Present Days</th>
<th>Present Amount</th>
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</thead>
<tbody>
<tr>
<td>360.00</td>
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<td>$29,215.84</td>
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% Used: 59.72%
% Amount used to Present: 8.12%

### Contact Information

- **Resident Engineer (FDOT)**: Boughanem, Jim
- **Engineer of Record**: Nasrawy, Richard
- **Project Manager**: Gonzalez, Michael
- **Contractor Contact**: Pollard, Frank
- **Project Administrator**: Hunter, Jason

### Finproj Number 435468-1-52-01
#### Contract Number E5W85
#### Federal Aid Number N/A
#### Contract Location Landscape SR 528 @ I95 & SR 401 Interchanges
#### Contractor Name VALDEZ, FRANKIE CO., INC.

<table>
<thead>
<tr>
<th>Letting</th>
<th>Work Begin</th>
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<th>Awarded</th>
<th>Time Begin</th>
<th>Execution</th>
<th>Original Completion</th>
<th>Time Begin</th>
<th>Notice to Proceed</th>
<th>Current Completion</th>
</tr>
</thead>
</table>

#### Contract Days Progress

<table>
<thead>
<tr>
<th>Original Days</th>
<th>Original Amount</th>
<th>Days Used</th>
<th>Est. Paid to Date</th>
<th>Present Days</th>
<th>Present Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>910.00</td>
<td>$516,777.00</td>
<td>721.00</td>
<td>$503,070.22</td>
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<td>$523,107.00</td>
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% Used: 79.23%
% Amount used to Present: 96.17%

### Contact Information

- **Resident Engineer (FDOT)**: Boughanem, Jim
- **Engineer of Record**: Herbert, Glenn
- **Project Manager**: Melendez, Miguel
- **Contractor Contact**: Valdez, Carlos III
- **Project Administrator**: Harper, Mark

### Finproj Number 435467-1-52-01
#### Contract Number E5W90
#### Federal Aid Number N/A
#### Contract Location SR 9 (I-95) @ Brevard County Rest Areas/ Landscape & Irrigation
#### Contractor Name SANTA CRUZ CONSTRUCTION, INC.

<table>
<thead>
<tr>
<th>Letting</th>
<th>Work Begin</th>
<th>Time Begin</th>
<th>Awarded</th>
<th>Time Begin</th>
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<th>Original Completion</th>
<th>Time Begin</th>
<th>Notice to Proceed</th>
<th>Current Completion</th>
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</table>

#### Contract Days Progress

<table>
<thead>
<tr>
<th>Original Days</th>
<th>Original Amount</th>
<th>Days Used</th>
<th>Est. Paid to Date</th>
<th>Present Days</th>
<th>Present Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>860.00</td>
<td>$689,457.00</td>
<td>734.00</td>
<td>$689,270.02</td>
<td>872.00</td>
<td>$724,138.30</td>
</tr>
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</table>

% Used: 84.17%
84.51%
% Amount used to Present: 95.18%

### Contact Information

- **Resident Engineer (FDOT)**: Boughanem, Jim
- **Engineer of Record**: Preil, Susan
- **Project Manager**: Grooms, Richard
- **Contractor Contact**: Rodriguez, Dacks
- **Project Administrator**: Watne, Rubie

### Finproj Number 435467-1-52-01
#### Contract Number E5W90
#### Federal Aid Number N/A
#### Contract Location Landscape SR 528 @ I95 & SR 401 Interchanges
#### Contractor Name SANTA CRUZ CONSTRUCTION, INC.

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<thead>
<tr>
<th>Letting</th>
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<th>Time Begin</th>
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<th>Time Begin</th>
<th>Notice to Proceed</th>
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#### Contract Days Progress

<table>
<thead>
<tr>
<th>Original Days</th>
<th>Original Amount</th>
<th>Days Used</th>
<th>Est. Paid to Date</th>
<th>Present Days</th>
<th>Present Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>860.00</td>
<td>$689,457.00</td>
<td>734.00</td>
<td>$689,270.02</td>
<td>872.00</td>
<td>$724,138.30</td>
</tr>
</tbody>
</table>

% Used: 84.17%
% Amount used to Present: 95.18%

### Contact Information

- **Resident Engineer (FDOT)**: Boughanem, Jim
- **Engineer of Record**: Preil, Susan
- **Project Manager**: Grooms, Richard
- **Contractor Contact**: Rodriguez, Dacks
- **Project Administrator**: Watne, Rubie

---

**TPO - 09/14/2017**

Attachment D  
Page #134
<table>
<thead>
<tr>
<th>Finproj Number 411130-1-52-01</th>
<th>Contract Number T5610</th>
<th>Federal Aid Number E171002E</th>
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<tbody>
<tr>
<td>Contract Location SR 44 Volusia County- Movable Bridge</td>
<td>Contractor Name COASTAL MARINE CONSTRUCTION, INC.</td>
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<tr>
<td>Letting 6/14/2017</td>
<td>Work Begin</td>
<td>Awarded 7/5/2017</td>
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<tr>
<td>Execution 7/10/2017</td>
<td>Original Completion</td>
<td>Notice to Proceed 8/7/2017</td>
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### Contract Days Progress

<table>
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<th>Days Used</th>
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<td>70.00</td>
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<td>Days Used</td>
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<tr>
<td>% Used</td>
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<td>% Used to Present</td>
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### Contact Information

Resident Engineer (FDOT) Boughanem, Jim 321-634-6086; cell 321-576-5562
Contractor Contact
Construction Project Manager Martens, Robert 321-634-6097
Project Administrator Kharroub, Sari (321) 987-6584

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<table>
<thead>
<tr>
<th>Finproj Number 441130-2-52-01 +3</th>
<th>Contract Number T5611</th>
<th>Federal Aid Number E171003E</th>
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<tr>
<td>Contract Location SR 528, SR 520, SR 518</td>
<td>Contractor Name SEACOAST INCORPORATED</td>
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<tr>
<td>Letting 6/14/2017</td>
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<td>Execution 7/24/2017</td>
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### Contract Days Progress

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<tr>
<td>Original Days</td>
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<td>Days Used</td>
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<td>% Used</td>
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<td>% Used to Present</td>
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### Contact Information

Resident Engineer (FDOT) Boughanem, Jim 321-634-6086; cell 321-576-5562
Contractor Contact
Construction Project Manager Martens, Robert 321-634-6097
Project Administrator Kharroub, Sari (321) 987-6584

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<thead>
<tr>
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<th>Contract Number T5612</th>
<th>Federal Aid Number E171004E</th>
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<tr>
<td>Contract Location SR 500 (US 192), SR 518, SR 40</td>
<td>Contractor Name GIBBS &amp; REGISTER, INC.</td>
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<td>Letting 6/14/2017</td>
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<td>Awarded 7/5/2017</td>
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<tr>
<td>Execution 7/17/2017</td>
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### Contract Days Progress

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<tbody>
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### Contact Information

Resident Engineer (FDOT) Boughanem, Jim 321-634-6086; cell 321-576-5562
Contractor Contact
Construction Project Manager Martens, Robert 321-634-6097
Project Administrator Kharroub, Sari (321) 987-6584

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<tr>
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<th>Contract Number T5613</th>
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<tbody>
<tr>
<td>Contract Location District Wide/ SR 400, SR 9 (I-95), SR 15, SR 15A AND SR 44 Permanent Fence Repair (Hurricane Matthew)</td>
<td>Contractor Name CWA ENVIRONMENTAL SERVICES LLC</td>
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<tr>
<td>Letting 6/14/2017</td>
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<td>Awarded 7/5/2017</td>
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### Contract Days Progress

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### Contact Information

Resident Engineer (FDOT) Boughanem, Jim 321-634-6086; cell 321-576-5562
Contractor Contact
Construction Project Manager Martens, Robert 321-634-6097
Project Administrator Kharroub, Sari (321) 987-6584
Finproj Number 4411130-5-52-01
Contract Number  T5614
Contract Location  SR 5 (US 1), SR500 US 192
Contractor Name  POWERCORE, INC.

<table>
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<td>7/9/2017</td>
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<tr>
<td>Execution</td>
<td>7/19/2017</td>
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<tr>
<td>Notice to Proceed</td>
<td>8/16/2017</td>
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<tr>
<td>Work Begin</td>
<td>10/15/2017</td>
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<tr>
<td>Time Begin</td>
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<table>
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<th>Contract Dollars Progress</th>
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<td>$107,445.00</td>
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<table>
<thead>
<tr>
<th>Name</th>
<th>Phone</th>
<th>Email</th>
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</thead>
<tbody>
<tr>
<td>Resident Engineer (FDOT)</td>
<td>321-634-6086; cell 321-576-5562</td>
<td><a href="mailto:jim.boughanem@dot.state.fl.us">jim.boughanem@dot.state.fl.us</a></td>
</tr>
<tr>
<td>Contractor Contact</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Construction Project Manager</td>
<td>321-634-6097</td>
<td><a href="mailto:robert.martens@dot.state.fl.us">robert.martens@dot.state.fl.us</a></td>
</tr>
<tr>
<td>Project Administrator</td>
<td>(321) 987-6584</td>
<td><a href="mailto:sjharroub@targetengineering.com">sjharroub@targetengineering.com</a></td>
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## Glossary of Terms

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Full Name</th>
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<tbody>
<tr>
<td>ADA</td>
<td>Americans with Disabilities Act</td>
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<tr>
<td>AMPO</td>
<td>Association of Metropolitan Planning Organizations</td>
</tr>
<tr>
<td>ATMS</td>
<td>Advanced Traffic Management System</td>
</tr>
<tr>
<td>BMBA</td>
<td>Brevard Mountain Bike Association</td>
</tr>
<tr>
<td>BOCC</td>
<td>Board of County Commissioners</td>
</tr>
<tr>
<td>BPTAC</td>
<td>Bicycle/Pedestrian and Trails Advisory Committee</td>
</tr>
<tr>
<td>CAC</td>
<td>Citizens Advisory Committee</td>
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<tr>
<td>CFMPO</td>
<td>Central Florida Metropolitan Planning Organization</td>
</tr>
<tr>
<td>CIGP</td>
<td>County Incentive Grant Program</td>
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<tr>
<td>CMS</td>
<td>Congestion Management System</td>
</tr>
<tr>
<td>CRA</td>
<td>Community Redevelopment Agency</td>
</tr>
<tr>
<td>CTST</td>
<td>Community Traffic Safety Team</td>
</tr>
<tr>
<td>ECFRPC</td>
<td>East Central Florida Regional Planning Council</td>
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<td>ECRRT</td>
<td>East Central Florida Regional Rail Trail</td>
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<tr>
<td>EPA</td>
<td>Environmental Protection Agency</td>
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<td>ETDM</td>
<td>Efficient Transportation Decision Making</td>
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<td>FAST ACT</td>
<td>Fixing America’s Surface Transportation Act</td>
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<td>FDOT</td>
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<td>Florida East Coast Railroad</td>
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<td>FHWA</td>
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<td>Financial Management</td>
</tr>
<tr>
<td>FS</td>
<td>Florida Statute</td>
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<tr>
<td>FTA</td>
<td>Federal Transit Administration</td>
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<td>FY</td>
<td>Fiscal Year</td>
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<tr>
<td>GIS</td>
<td>Geographical Information System</td>
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<td>GMSC</td>
<td>Growth Management Subcommittee</td>
</tr>
<tr>
<td>GPC</td>
<td>General Planning Consultant</td>
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<tr>
<td>G/W</td>
<td>Goes With</td>
</tr>
<tr>
<td>ITS</td>
<td>Intelligent Transportation System</td>
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<tr>
<td>LAP</td>
<td>Local Agency Program</td>
</tr>
<tr>
<td>LOGT</td>
<td>Local Option Gas Tax</td>
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<tr>
<td>LRTP</td>
<td>Long Range Transportation Plan</td>
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<td>MAP-21</td>
<td>Moving Ahead for Progress in the 21st Century</td>
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<tr>
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<td>Metropolitan Planning Organization</td>
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<td>Metropolitan Planning Organization Advisory Council</td>
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<tr>
<td>PD&amp;E</td>
<td>Project Development &amp; Environment</td>
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<tr>
<td>PPP</td>
<td>Public Participation Plan</td>
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<td>SAFETEA-LU</td>
<td>Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users</td>
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<tr>
<td>SCAT</td>
<td>Space Coast Area Transit</td>
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<td>SJHP</td>
<td>St. John’s Heritage Parkway</td>
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<td>St. Johns River Water Management District</td>
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<td>State Road</td>
</tr>
<tr>
<td>SU</td>
<td>Surface Transportation Block Grant Program Urban</td>
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<tr>
<td>TAC</td>
<td>Technical Advisory Committee</td>
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<td>TDP</td>
<td>Transit Development Plan</td>
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<td>Transportation Disadvantaged Local Coordinating Board</td>
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<td>Transportation Improvement Program</td>
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<tr>
<td>TRIP</td>
<td>Transportation Regional Incentive Program</td>
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<tr>
<td>UPWP</td>
<td>Unified Planning Work Program</td>
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