



PALM BEACH METROPOLITAN PLANNING ORGANIZATION

2300 N. Jog Rd., 4th.Floor, West Palm Beach, Florida 33411-2749

Phone 561.684.4170 Fax 561.242-7165 www.PalmBeachMPO.org

TECHNICAL ADVISORY COMMITTEE – AGENDA

DATE: **WEDNESDAY, APRIL 2, 2014**
TIME: **9:00 A.M.**
PLACE: **Vista Center 4th Floor Conference Room 4E-12
2300 North Jog Road, 4th Floor
West Palm Beach, Florida 33411**

1. REGULAR ITEMS

- A. Roll Call
- B. MOTION TO ADOPT Agenda for April 2, 2014
- C. MOTION TO APPROVE Minutes for February 5, 2014 and March 5, 2014
- D. Comments from the Chair
- E. Executive Director's Report
- F. General Public Comments and Public Comments on Agenda Items

Any members from the public wishing to speak at this meeting must complete a Comment Card which is available at the welcome table. General Public comments will be heard prior to the consideration of the first action item. Public comments on specific items on the Agenda will be heard following the presentation of the item to the Committee. Please limit comments to three minutes.

2. ACTION ITEMS

- A. MOTION TO RECOMMEND APPROVAL of Amendments to the FY 14-18 Transportation Improvement Program
 - 1) Amendment #5 (FM 4293391) Turnpike All Electronic Tolling from I-595 to S of Lantana Toll Plaza: Postpone CST from FY 14-15 to FY 18 and increase funding by \$9.1M
 - 2) Amendment #6 (FM 2298961) Beeline Hwy/SR 710 from W of Australian Ave to Old Dixie Hwy: Increase ROW funding by \$1.3M and add \$150K for PE in FY 14
 - 3) Amendment #7 (FM 4193452) Southern Blvd/SR 80 from Lion Country Safari to Crestwood/Forest Hill Blvd: Postpone ROW from FY 14 to FY 14-17 and decrease funding by \$510K
 - 4) Amendment #8 (FM 4132651) I-95 at Central Blvd/PGA Blvd: Create \$56K for PE phase in FY 14

3. INFORMATION ITEMS

A. 2040 Long Range Transportation Plan

1) Transit and Freight Desires Plan

Leftwich Consulting Engineers (LCE) will present a map and list of major transit and freight projects identified for potential inclusion in the 2040 long range plan update.

2) Project Funding Categories

LCE will present an overview of proposed project funding categories, examples of each category, and a list of project suggestions received from stakeholders within each category for potential inclusion in the 2040 long range plan update.

3) Urban Interchange Analysis

LCE will present the results of the urban interchange analysis and highlight recommended improvements for potential inclusion in the 2040 long range plan update.

B. I-95 at Glades Road and Spanish River Boulevard

At the March advisory committee meetings, a member requested additional information regarding the layout for the interchange now under construction at I-95 and Spanish River Blvd. and the planned improvements at the I-95 and Glades Rd. interchange. The attached graphics are an excerpt from the interchange justification report showing the improvements at these two locations. Design funds for the improvements at Glades Rd. and I-95 are currently programmed in FY 2017 of the FDOT work program approved by the MPO Board in December 2013. Construction is not funded.

C. Approved Technical Advisory Committee Bylaws

The TAC Bylaws were approved by the MPO board on March 20, 2014. The bylaws are enclosed.

D. Summary Points from March 20, 2014 MPO Board

4. ADMINISTRATIVE ITEMS

A. Member Comments

B. Next Meeting – **May 7, 2014**

C. MOTION TO ADJOURN

NOTICE

In accordance with Section 286.0105, *Florida Statutes*, if a person decides to appeal any decision made by the board, agency, or commission with respect to any matter considered at such meeting or hearing, he or she will need a record of the proceedings, and that, for such purposes, he or she may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based.

Public participation is solicited without regard to race, color, national origin, age, sex, religion, disability or family status. Persons who require special accommodations under the Americans with Disabilities Act or persons who require translation services for a meeting (free of charge), please call 561-684-4143 or send email to MBooth@PalmBeachMPO.org at least five business days in advance. Hearing impaired individuals are requested to telephone the Florida Relay System at #711.



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**MINUTES OF THE
TECHNICAL ADVISORY COMMITTEE
Wednesday, February 5, 2014 9:00 A.M.**

Vista Center 4th Floor Conference Room 4E-12
2300 North Jog Road
West Palm Beach, Florida

AGENDA:

1. REGULAR ITEMS

- A. Roll Call
- B. Motion To Adopt Agenda for February 5, 2014
- C. Motion To Approve Minutes for December 4, 2013
- D. Comments from the Chair
- E. Executive Director's Report
- F. General Public Comments and Public Comments on Action Items

2. ACTION ITEMS

- A. Motion to Approve election of officers for the Technical Advisory Committee
- B. Motion To Recommend Approval of Amendment #4 to the FY 2014-2018 Transportation Improvement Program
- C. Motion To Recommend Endorsement of the SR 7 (Sample Rd to Glades Rd) Project Development and Environmental Study Recommendation
- D. Motion To Recommend Endorsement of the Glades Road (SR 7 to US 1) Project Development and Environmental Study Recommendation

3. INFORMATION ITEMS

- A. I-95 Corridor Planned Improvement Projects
- B. Technical Advisory Committee Bylaws- Review Status and Seek Input
- C. Summary Points from December 9, 2013 and January 16, 2014 MPO Board

4. ADMINISTRATIVE ITEMS

- A. Member Comments
- B. Next Meeting – **March 5, 2014**
- C. Motion To Adjourn

Technical Advisory Committee
Attendance Record – 2013-2014

Representative/Alternate Agency Name	Mar '13	Apr '13	May '13	Jun '13	Jul '13	Aug '13	Sept '13	Oct '13	Nov '13	Dec '13	Jan '14	Feb '14
GUS SCHMIDT/Shi Chang Li//Min-Tang Li/ Steve Braun FDOT. - Planning & Environmental Manage.		A	Alt	Alt			Alt	Alt		P		Alt
*DAN WEISBERG/G.Webb/ PBC Engineering Department		P	P	P			P	P		P		P
KHURSHID MOHYUDDIN/David Wiloch PBC Planning, Zoning & Bldg.		P	P	P			P	P		P		P
VACANT City of Delray Beach - Planning & Zoning		E	P	P			P	P		-		-
DOUG HESS/John Reilly City of Boca Raton - Engineering		P	P	P			P	P		P		P
BRIAN COLLINS City of West Palm Beach - Engineering		E	E	E			P	P		P		P
JEFF WEIDNER/Arlene Tanis FDOT - Modal Development		Alt	Alt	Alt			Alt	Alt		Alt		Alt
JERRY ALLEN/Wil Hicks PBC Airports Department - Planning		P	Alt	Alt			P	Alt		P		Alt
CARL BAKER Port of Palm Beach		P	A	P			P	E		A		P
CHARLES COHEN/Fred Stubbs/C. Frazier PalmTran		E	Alt	Alt			Alt	Alt		Alt		Alt
VACANT/Alex Hansen City of West Palm Beach - Planning		E	Alt	Alt			A	E		Alt		Alt
**JEFF LIVERGOOD/Michael Rumpf City of Boynton Beach - Public Works & Eng.		P	P	P			P	P		P		P
KENNY WILSON/Janelle St. Ange PBC Health Department - Environ/Air Pollution		P	P	P			P	P		P		P
JOYCE CAI PBC School District		A	A	P			P	A		A		A
MICHAEL RIGHETTI City of Boca Raton - Planning		E	A	E			P	P		P		P
TERRENCE BAILEY City of Riviera Beach - Engineering		P	P	P			P	P		P		P
THOMAS DRISCOLL/CJ Lan Town of Jupiter - Community Development		P	Alt	E			P	P		Alt		P
WILLIAM CROSS/Joseph Quinty SFRTA - Tri-Rail - Planning		Alt	E	Alt			Alt	Alt		Alt		Alt
VACANT/Kim Delaney Treasure Coast Regional Planning Council		P	Alt	E			E	Alt		Alt		Alt
NATALIE CROWLEY/Todd Engle/ Charlotte Presensky City of Palm Beach Gardens - Planning		Alt	Alt	A			A	Alt		Alt		Alt

*2014 Chair

**2014 Vice-Chair

P = Member Present

Alt = Alternate Present

E = Excused Absence

A = Absent/No Attendance

- = Member not assigned

***New Appointment

Shaded Area= Meeting not held

OTHERS PRESENT

Arlene Tanis
 Steven C. Braun
 Gregor Senger
 Amie Goddeau
 Alex Hansen
 Fred Stubbs
 Joe Quinty
 Kim Delaney
 Charlotte Presensky
 David Wiloch
 Kimberly Graham
 Tom Lanahan
 Angel Streeter
 Jim Sumislaski
 Ian Rairden
 Stewart Robertson
 Paul Cherry
 Matthew Fursetzer
 Christine Springer
 Ana Elias
 Angela Morlok
 Nellie Fernandez
 Malissa Booth
 Elizabeth Requeny

REPRESENTING

FDOT - District 4 Modal Development
 FDOT - District 4 Planning & Environ. Mgmt.
 FDOT - District 4 Project Management
 FDOT - District 4 Mobility Development
 City of West Palm Beach
 Palm Tran
 South Florida Reg. Transportation Authority
 Treasure Coast Regional Planning Council
 Palm Beach Gardens
 Palm Beach County Planning
 Palm Beach County Traffic
 City of Greenacres
 Sun Sentinel
 Kimley-Horn and Associates
 Jacobs Engineering Group
 Jacobs Engineering Group
 Metropolitan Planning Organization
 Metropolitan Planning Organization
 Metropolitan Planning Organization
 Metropolitan Planning Organization

1. REGULAR ITEMS

A. Roll Call

CHAIR WEISBERG called the meeting to order at 9:03 A.M. The Recording Secretary called the roll. A quorum was present as depicted on Page 3 of these Minutes.

B. Motion To Adopt Agenda for February 5, 2014

CHAIR WEISBERG inquired if there were any changes, additions or deletions to the Agenda. There were none.

A motion to adopt the February 5, 2014 Agenda was made by MR. HESS; seconded by MR. HANSEN. The motion carried unanimously.

C. Motion to Approve Minutes for December 4, 2013

CHAIR WEISBERG inquired if there were any changes, additions or deletions to the Minutes. There were none.

A motion to approve the December 4, 2013 Minutes was made by MR. STUBBS; seconded by MR. HANSEN. The motion carried unanimously.

D. Comments from the Chair

CHAIR WEISBERG had no comments at this point.

E. Executive Director's Report

MR. UHREN stated the following:

- On December 9, the Palm Beach MPO unanimously endorsed the Tri Rail Coastal Link (TRCL) project to request FTA approval to enter the Project Development phase and also approved the FDOT draft work program. On December 12, the other two southeast Florida MPOs also unanimously endorsed the TRCL project and approved their portions of the FDOT work program.
- On December 20, the MPO staff took to public transit and rode Palm Tran route 43 and the Green trolley in WPB for their annual office lunch. The staff hopes to visit other southeast Florida cities by public transportation each year and welcomed the board's suggestions.
- The final Seven50 summit was on January 15 - All three southeast Florida County mayors identified transportation as a key issue for the region's future prosperity. The study highlighted premium transit such as the TRCL project as the type of investments the region needs.
- LRTP update - The MPO has asked for project suggestions and input from all of our local government and agency partners as well as private sector stakeholders. MPO staff is developing the needs projects now and the process seems to align well with the MPO's intention to list major capital projects separately but to show funding categories for corridor enhancements, transit enhancements and bike/pedestrian projects. In January, MPO Board members were asked to identify any cost feasible projects in the existing LRTP that are of local concern. This item was tabled to the February MPO meeting.
- SFRTA celebrated 25 years of running Tri-Rail on the CSX corridor on January 17. Executive director Joe Giuilletti announced his resignation to take the lead for Metro North Railroad in New York. SFRTA has named Jack Stephens as their interim director on January 24.
- The MPO is partnering with South Florida Commuter Services (SFCS) to survey employees in the PGA corridor to establish a baseline mode split for that activity center and promote alternatives to driving alone. They will also evaluate the walking and biking infrastructure in the area with a special focus on the last mile segment between transit sites and employment centers. In response to the news article on this effort, the Palm Beach Zoo contacted the MPO to share recent efforts they have made to reduce the number of employees that drive alone.
- The MPOAC adopted a number of legislative policy positions for the current session, including a request to increase MPO membership cap from 19 to 25 which seems to be gaining traction.
- The MPO is now on Facebook to take advantage of social media in our public outreach.

- Angela Morlok will be retiring on February 28, making this her final TAC meeting with the MPO staff.
- The MPO board directed staff in January to make a joint southeast Florida application for TIGER grant funds for FEC quiet zone infrastructure in addition to pursuing state funds. At this meeting they also elected Susan Haynie as chair and Hal Valeche as vice chair.
- The Palm Beach Outlet malls on Palm Beach Lakes Blvd. east of I-95 are scheduled to open on February 14 - it was advised to avoid this area until traffic patterns stabilize.

F. General Public Comments and Public Comments on Action Items

No general public comments were received.

2. ACTION ITEMS

- A. Motion to Approve election of officers for the Technical Advisory Committee

The floor was opened to nominations for Chair.

A motion to nominate MR. DAN WEISBERG as Chair and close nominations was made by MR. MOHYUDDIN; seconded by MR. STUBBS. The motion carried unanimously.

The floor was opened to nominations for Vice Chair.

A motion to nominate MR. JEFF LIVERGOOD as Vice Chair and close nominations was made by DR. KIM DELANEY; seconded by MR. HANSEN. The motion carried unanimously.

- B. Motion To Recommend Approval of Amendment #4 to the FY 2014-2018 Transportation Improvement Program

MR. UHREN said this TIP Amendment was to add the environmental and design phases to FY 2014 for the I-95 at Atlantic Avenue Interchange Improvements. This was a new project developed from the I-95 PBC Interchange Master Plan study and was shown in the FDOT draft work program (FY 2015-2019) for construction in FY 18.

The committee would hear more about this project under item 3.A.

No public comments were received.

A motion to recommend approval of Amendment #4 to the FY 2014-2018 Transportation Improvement Program to add the environmental and design phases to FY 2014 for the I-95 at Atlantic Avenue Interchange Improvements was made by MR. MOHYUDDIN; seconded by MR. DRISCOLL. The motion carried unanimously.

C. MOTION TO RECOMMEND ENDORSEMENT of the SR 7 (Sample Rd to Glades Rd) Project Development and Environmental Study Recommendation

The Palm Beach MPO first adopted the addition of transit/special use lanes to this section of SR 7 in 2004. FDOT is now concluding the project development study and is here to present the findings and recommendations for endorsement by the committee. The FDOT draft work program (FY 2015-2019) includes design funding in FY 15 and construction funding in FY 19.

MR. UHREN introduced MR. GREGOR SENGER, project manager from FDOT D4, and MR. PAUL CHERRY from Kimley-Horn and Associates who presented the item. MR. MATT FURSETZER from Kimley-Horn was also on hand.

MR. CHERRY stated the SR 7 study limits were Glades Rd to Sample Rd. and continued to discuss the following:

- PD&E Background
- SR 7 Common Vision
- Existing Conditions
- Future Traffic Deficiencies with the No Build
- Existing Transit Service
- Land Use - Transit Connection
- PD&E Purpose and Need
- Alternatives Considered- No Build; Transportation System Management; Build Alternatives (seven preliminary build alternatives were considered)
- Alternatives Analysis Summary

Under consideration were:

- Green bike lanes with 3 foot buffer
- Proposed 10 foot shared use path typical section
- French drains to eliminate the need for further right of way requirements.

TSM concepts- Enhanced bike lanes, shared use paths.

Next Steps

- Briefings to MPOs and municipalities
- LRTP amendments
- Complete engineering and environmental support documents
- Complete NEPA document
- Receive FHWA concurrence

Transit Facility Improvements

- Provide station infrastructure and amenities
- Consolidate or eliminate several bus stops
- Improve bicycle and pedestrian access to transit stations

Project website: www.SR7mobility.com

MR. CHERRY said:

- Not enough land to accommodate shared use path on both side of the road. Only one side will have shared use path.
- Bus stop provisions will be added.
- Intersection improvements include adding a right turn lane at each intersection along the way except at Marina Blvd.

No public comments were received.

A motion to recommend endorsement of the SR 7 (Sample Rd to Glades Rd) Project Development and Environmental Study recommendation with a request to the MPO Board to communicate to the County to again review land use regulations to ensure that they are providing the highest level of transit supportive land use and connectivity as appropriate along the corridor consistent with the recommendations of the study was made by DR. KIM DELANEY; seconded by MR. STUBBS. The motion carried unanimously.

- D. MOTION TO RECOMMEND ENDORSEMENT of the Glades Road (SR 7 to US 1) Project Development and Environmental Study Recommendation

MR. UHREN stated the Palm Beach MPO first adopted the addition of transit/special use lanes for the Glades Road corridor in 2000. FDOT was now concluding the project development study and would present the findings and recommendations for endorsement by the committee. The FDOT draft work program (FY 2015-2019) included design funding in FY 15 and construction funding in FY 19.

MR. GREGOR SENGER from FDOT D4 and MR. MICHAEL GARAU from Jacobs Engineering presented the item.

MR. SENGER stated the Glades Road study limits were from US 441 to US 1 and for the most part it was easy driving except for the areas around the Turnpike, and FAU Blvd. Existing bus service averages 1000+ riders per pay along the corridor.

The study would address operational and capacity needs, evaluate premium transit on Glades Rd and improve safety.

Alternatives considered were:

- No build (includes widening from six to eight lanes from Butts Rd to NW 13th St., which is presumed for all three alternatives) resulted in no benefits.
- Transportation System Management (TSM)- includes Transit Signal Priority and Signal Optimization and intersection improvements within existing right-of-way came out ahead of the other two alternatives.
- Build Alternative include widening from six to eight lanes and transit service in mixed traffic resulted as the worst option of the three.

Justification for the TSM Option

- performs best when considering system-wide performance measure
- provides the best cost/benefit ratio
- requires no right-of-way acquisition

TSM Intersection Improvements would be made on the following roads:

- Increase capacity of southbound left-turn storage lane on SR-7
- Increase capacity of southbound left-turn storage lane on Jog Rd
- Increase capacity of northbound left and right turn bays on I-95 northbound on ramp
- Convert southbound through lane to exclusive right-turn lane and convert northbound through lane to exclusive left-turn lane on NW 13th St.
- Add second northbound left-turn lane on NW 4th Ave.
- Add southbound right-turn lane on NW 2nd Ave.
- Increase capacity of northbound left-turn storage on Dixie Hwy
- Increase capacity of northbound left-turn storage on US-1

Several committee members asked about incorporating bike lanes. The consultant said they would be considered.

MR. HESS stated there was a need to address improvements at both the I-95 and Turnpike interchanges. MS. AMIE GODDEAU from FDOT D4 replied both would be included in the design. He asked whether the project had been discussed with the Boca Raton City Council. He recommended that a meeting take place first before presenting to the MPO Board.

After discussing the project the committee requested the item be deferred until the City of Boca Raton had an opportunity to review the recommendation and provide input. It would then be presented to the MPO Board with the City's comments.

No public comments were received.

MR. COLLINS asked if trains had been taken into consideration. MS. GODDEAU replied another group would look at that aspect.

MS. DELANEY asked if the Tri-Rail station had been included in the study. It had not been included.

MS. GODDEAU said the TSM options would be added to the design.

A motion was made to defer the item to allow the City of Boca Raton to review and discuss the recommendation by MR. STUBBS; seconded by MR. HESS. The motion carried unanimously.

3. INFORMATION ITEMS

A. I-95 Corridor Planned Improvement Projects

MR. UHREN introduced MR. JIM SUMILASKI, MR. IAN RAIRDEN and MR. GIN NG from Kimley-Horn and Associates. MR. SUMILASKI who presented an overview of the I-95 Interchange Master Plan study said MS. LISA DYKSTRA was unable to attend the meeting.

MR. SUMILASKI highlighted the improvements planned and programmed at various interchanges along the I-95 corridor. The study includes the 17 interchanges between Linton Blvd and Northlake Blvd. The primary purpose of the Interchange Master Plan is to identify long-term needs and develop design concept to address:

- traffic spillback onto I-95
- improve interchange operations
- reduce congestion
- increase safety at the study interchanges for the 2040 design horizon

The DOT is identifying, analyzing, evaluating, documenting, and obtaining conceptual approval for interchange improvement projects from the DOT and Federal Highway Administration. Interchange improvement projects will be identified in a phased approach during fiscal years 2013 and 2014 as funding becomes available.

Several TAC members suggested looking at pedestrian and bicycle facilities as part of the improvements. It was also suggested that:

- the MPO bicycle/pedestrian coordinator be invited to collaborate in the study
- look at green bike lanes
- consider a divider to indicate separation from traffic

MR. COLLINS left at 11:00 A.M.

MR. BAILEY said Blue Heron Blvd has had issues late at night with traffic not slowing down on down ramp and they had a fatality because they go through the traffic light without stopping.

B. Technical Advisory Committee Bylaws- Review Status and Seek Input

MR. UHREN mentioned that at their December meeting, TAC members were asked for input and suggestions regarding the proposed bylaws that would govern the committee's operations. The draft bylaws were included in the February package and would be presented at the March meeting for recommended approval by the TAC and then consideration by the MPO Board. He went on to say the TAC did not have any bylaws at the present time and needed to adopt them. The bylaws presented to the TAC were mirrored from the CAC which were adopted in February of 2013.

The TAC made a few suggestions that would be incorporated into the document. The bylaws would be presented again at the March TAC meeting to recommend approval by the MPO Board.

C. Summary Points from December 9, 2013 and January 16, 2014 MPO Board

The December 9, 2013 and January 16, 2014 MPO Board Summary Points were included in the agenda package.

4. ADMINISTRATIVE ITEMS

A. Member Comments

MR. MOHYUDDIN mentioned the Palm Beach Post article which complemented MR. UHREN.

DR. DELANEY mentioned a Greenways meeting in northern Palm Beach County would be held on March 5th.

B. Next Meeting- **March 5, 2014**

MR. UHREN said the next TAC meeting would be held on March 5, 2014.

C. Motion To Adjourn

There being no further business a motion was made by MR. MOHYUDDIN to adjourn the meeting; second by DR. DELANEY. The meeting was adjourned at 11:34 A.M.

This signature is to attest that the undersigned is the Chairperson, or a designated nominee, of the Technical Advisory Committee and that information provided herein is the true and correct Minutes for the **February** meeting of the Technical Advisory committee, dated this _____ day of _____, 2014.

Chairperson

ELECTRONIC RECORDINGS OF ALL TECHNICAL ADVISORY COMMITTEE MEETINGS ARE KEPT ON FILE AT THE METROPOLITAN PLANNING ORGANIZATION OFFICE.



PALM BEACH METROPOLITAN PLANNING ORGANIZATION

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MINUTES OF THE TECHNICAL ADVISORY COMMITTEE Wednesday, March 5, 2014 9:00 A.M.

Vista Center 4th Floor Conference Room 4E-12
2300 North Jog Road
West Palm Beach, Florida

AGENDA:

1. REGULAR ITEMS

- A. Roll Call
- B. Motion To Adopt Agenda for March 5, 2014
- C. Minutes of February 5, 2014 were not complete at time of publication and will be presented at the April 2, 2014 meeting
- D. Comments from the Chair
- E. Executive Director's Report
- F. General Public Comments and Public Comments on Action Items

2. ACTION ITEMS

- A. Motion To Recommend Approval of Amendment #1 to the adopted 2035 Long Range Transportation
- B. Motion To Recommend Transmittal of the draft FY 15-16 Unified Planning Work Program
- C. Motion To Recommend Approval of the Technical Advisory Committee Bylaws

3. INFORMATION ITEMS

- A. 2040 Long Range Transportation Plan- Preliminary Needs Plan
- B. Summary Points from February 20, 2014 MPO Board
- C. Correspondence - City of Boca Raton Resolution NO. 26-2014

4. ADMINISTRATIVE ITEMS

- A. Member Comments
- B. Next Meeting – **April 2, 2014**
- C. Motion To Adjourn

Technical Advisory Committee
Attendance Record – 2013-2014

Representative/Alternate Agency Name	Apr '13	May '13	Jun '13	Jul '13	Aug '13	Sept '13	Oct '13	Nov '13	Dec '13	Jan '14	Feb '14	Mar '14
GUS SCHMIDT/Shi Chang Li//Min-Tang Li/ Steve Braun FDOT. - Planning & Environmental Manage.	A	Alt	Alt			Alt	Alt		P		Alt	E
*DAN WEISBERG/G.Webb/ PBC Engineering Department	P	P	P			P	P		P		P	P
KHURSHID MOHYUDDIN/David Wiloch PBC Planning, Zoning & Bldg.	P	P	P			P	P		P		P	P
VACANT City of Delray Beach - Planning & Zoning	E	P	P			P	P		-		-	-
DOUG HESS/John Reilly City of Boca Raton - Engineering	P	P	P			P	P		P		P	P
BRIAN COLLINS City of West Palm Beach - Engineering	E	E	E			P	P		P		P	E
JEFF WEIDNER/Arlene Tanis FDOT - Modal Development	Alt	Alt	Alt			Alt	Alt		Alt		Alt	Alt
JERRY ALLEN/Wil Hicks PBC Airports Department - Planning	P	Alt	Alt			P	Alt		P		Alt	Alt
CARL BAKER Port of Palm Beach	P	A	P			P	E		A		P	A
CHARLES COHEN/Fred Stubbs/C. Frazier PalmTran	E	Alt	Alt			Alt	Alt		Alt		Alt	A
VACANT/Alex Hansen City of West Palm Beach - Planning	E	Alt	Alt			A	E		Alt		Alt	Alt
**JEFF LIVERGOOD/Michael Rumpf City of Boynton Beach - Public Works & Eng.	P	P	P			P	P		P		P	P
KENNY WILSON/Janelle St. Ange PBC Health Department - Environ/Air Pollution	P	P	P			P	P		P		P	P
JOYCE CAI PBC School District	A	A	P			P	A		A		A	A
MICHAEL RIGHETTI City of Boca Raton - Planning	E	A	E			P	P		P		P	P
TERRENCE BAILEY City of Riviera Beach - Engineering	P	P	P			P	P		P		P	P
THOMAS DRISCOLL/CJ Lan Town of Jupiter - Community Development	P	Alt	E			P	P		Alt		P	P
WILLIAM CROSS/Joseph Quinty SFRTA - Tri-Rail - Planning	Alt	E	Alt			Alt	Alt		Alt		Alt	Alt
VACANT/Kim Delaney Treasure Coast Regional Planning Council	P	Alt	E			E	Alt		Alt		Alt	Alt
NATALIE CROWLEY/Todd Engle/ Charlotte Presensky City of Palm Beach Gardens - Planning	Alt	Alt	A			A	Alt		Alt		Alt	Alt

*2014 Chair **2014 Vice-Chair P = Member Present Alt = Alternate Present
E = Excused Absence A = Absent/No Attendance - = Member not assigned ***New Appointment
Shaded Area= Meeting not held

OTHERS PRESENT

Arlene Tanis
Lois Bush
Alex Hansen
Gerry Gawaldo
Mauricio Micolta
D. Scot Leftwich
Arturo Perez
Janelle St. Ange
Joe Quinty
Kim Delaney
Charlotte Presensky
David Wiloch
Nick Uhren
Malissa Booth
Elizabeth Requeny

REPRESENTING

FDOT - District 4 Modal Development
FDOT - District 4
City of West Palm Beach
Palm Tran
FDOT - District 4 Railroad Division
Leftwich Consulting Engineers
Leftwich Consulting Engineers
Palm Beach County Health Department
South Florida Reg. Transportation Authority
Treasure Coast Regional Planning Council
Palm Beach Gardens
Palm Beach County Planning
Metropolitan Planning Organization
Metropolitan Planning Organization
Metropolitan Planning Organization

1. REGULAR ITEMS

A. Roll Call

CHAIR WEISBERG called the meeting to order at 9:03 A.M. The Recording Secretary called the roll. A quorum was present as depicted on Page 3 of these Minutes.

B. Motion To Adopt Agenda for March 5, 2014

CHAIR WEISBERG inquired if there were any changes, additions or deletions to the Agenda. There were none.

A motion to adopt the March 5, 2014 Agenda was made by MR. MOHYUDDIN; seconded by MR. DRISCOLL . The motion carried unanimously.

C. Minutes for February 5, 2014 were not complete at time of publication and will presented at the April 2, 2014 meeting

D. Comments from the Chair

CHAIR WEISBERG had no comments at this point.

E. Executive Director's Report

MR. UHREN stated the following:

- Reminded those present of the available refreshments.
- A meeting has been set for March 6 with the Town of Jupiter, MPO staff, and the Department of Transportation personnel to discuss the US-1 Bridge Rehabilitation Project in the Jupiter-Tequesta area to evaluate whether bicycle facilities could be incorporated into the project along with planned pedestrian

facilities.

- A TIGER grant application would be made in partnership with the Broward MPO to fund necessary infrastructure to designate quiet zones along the FEC corridor. The kick-off meeting would be Monday, March 10 at 8:45 a.m. at the City of Boca Raton's municipal building located at 6500 Congress Ave. The grant would be written by the Whitehouse Group, a Broward MPO consultant, and would be funded jointly by the Broward and Palm Beach MPO. The work order for the grant was going to the Broward MPO on March 13. The Grant application was due April 28.
- The MPO workshop on the 2035 cost feasible projects held on February 20 had been very productive. Palm Beach Gardens residents were present to voice their opposition to the proposed interchange at Northlake Blvd. and SR 710. There were concerns about other interchanges. The City of Boca Raton provided their resolution requesting removal of nearly all major road projects in their city. Interest was expressed in focusing more investments in urban areas where population growth was occurring.
- MR. UHREN attended the groundbreaking of the I-95/Spanish River interchange on February 14. He was also present at the Jog Road extension ribbon-cutting on February 26.
- MS. ANGELA MORLOK retired from the MPO on February 28. He thanked all who attended her retirement party and said she would certainly be missed.

F. General Public Comments and Public Comments on Action Items

No general public comments were received.

2. ACTION ITEMS

A. Motion to Recommend Approval of Amendment #1 to the adopted 2035 Long Range Transportation Plan

MR. UHREN explained the FDOT had requested an amendment to the adopted 2035 LRTP to add the Northwood Connector Track Project. The request, amended LRTP pages and a project overview and maps had been provided in the agenda package.

MR. ARLENE TANIS, FDOT District 4 intergovernmental coordinator added that the project had received a TIGER grant award and the amendment would place the project in the 2035 Cost Feasible Plan to allow funding to come through.

A motion to recommend approval of Amendment #1 to the adopted 2035 Long Range Transportation Plan was by MR. BAILEY; seconded by MR. MOHYUDDIN . The motion carried unanimously.

B. Motion To Recommend Transmittal of the draft FY 15-16 Unified Planning Work Program

MR. UHREN said the UPWP is a statement of work identifying the planning priorities and activities to be carried out within a metropolitan planning area. The UPWP includes a description of the planning work and resulting products, who will perform the work, time frames for completing the work, the cost of the work, and the source(s) of funds. It's a

business plan and budget for the MPO. The estimated cost of the Program is approximately \$3 million per year. Federal, State and local sources provided the funding with federal funds comprising over 75% of the total, state 22% and less than 3% from local funds.

He requested the committee members provide any transportation planning activities within their jurisdictions, so the projects could be included in the UPWP. The MPO could potentially partner with them to provide funding. As an example, MR. UHREN mentioned the Boynton Beach Blvd. study for lane elimination east of I-95.

In addition, it was requested they also provide information on any study, evaluation or plan they would be interested in doing for specific modes of transportation within their jurisdiction but did not have funds available to do so. These would be considered for funding in this document. He specified the funding would be for staff time and/or consultant assistance.

A motion to recommend Transmittal of the draft FY 15-16 Unified Planning Work Program was made by MR. HANSEN; seconded by MR. RIGHETTI. The motion carried unanimously.

C. Motion to Recommend Approval of the Technical Advisory Committee Bylaws

MR. UHREN said the committee members had provided input and suggestions at the last meeting regarding the proposed bylaws that would govern the committee's operations. The suggestions had been incorporated into the draft bylaws and were included in the agenda package.

Revisions included the two-step inclusion and dismissal process (agency first, then nominated member would be approved, member dismissal by absence and then agency removal by the MPO board), expedited renewal process for member appointments, and clarification on quorum definition.

A motion was made to recommend approval of the Technical Advisory Committee Bylaws was made by MR. MOHYUDDIN; seconded by MR. DRISCOLL. The motion carried unanimously.

3. INFORMATION ITEMS

A. 2040 Long Range Transportation Plan- Preliminary Needs Plan

MR. UHREN said an earlier draft version of the 2040 Needs Plan map, highway component, had been included in the backup material for this meeting. The online agenda package had been updated to show the correct version and copies were available for those using paper copies to insure everyone referred to the same map.

MR. UHREN said he and the consultants were seeking input on the following questions:

1. Had potential highway projects been included that should not be on the map/list?
2. Had any projects been left off the list?
3. Had they identified an appropriate methodology to evaluate the 6 urban interchanges in the plan as well as other potential locations that would provide

the committee members with the necessary information to make a recommendation regarding the need for an arterial interchange at a given location?

He went on to introduce DR. SCOT LEFTWICH and MR. ARTURO PEREZ from Leftwich Engineering Consultants who were working on the 2040 Long Range Transportation Plan (LRTP).

MR. PEREZ gave an overview of the draft Highway Needs Plan

The following resources were consulted to determine the Needs Plan:

- Congestion Management System- existing deficiencies
- TIP funded/partially funded projects
- Local stakeholder requested needs
- Local transportation providers master plans:
 - FDOT SIS Long Range Cost Feasible Plan 2024-2040
 - Florida's Turnpike Master Plan 2013-2022
 - Southeast Florida Regional Freight Plan Needs
- Southeast Florida Regional Planning Model (SERPM) 6.5 Model Deficiencies- Year 2040 SE data on year 2018 Existing plus Committed (E+C) Network

A meeting was conducted with Palm Beach County and the MPO staff to identify Draft Year 2040 Highway Needs considering local constraints and limitations. The map includes major improvements, I-95 and Florida's Turnpike.

MR. PEREZ went over the 2040 Palm Beach LRTP draft FY 2010-2040 needs projects. Recommendations for urban interchanges/grade separation to be included in the 2040 Needs Plan would be provided at the next meeting.

Several committee members voiced their concerns about the impact urban interchanges pose to residential and businesses in their immediate area.

DR. LEFTWICH said they need to include the potential impact on the community while addressing the need to have a system that works.

MR. UHREN asked those present to send him a list of comments on the Needs Map to address methodology, keeping in mind both economic impact and residential impacts.

A discussion ensued about the Needs Map.

The consulting team proposed a three Tier Analysis to evaluate intersections.

Tier 1 Analysis- Determine if intersection warrants further review: Maximum at-grade volume criteria.

Tier 2 Analysis- Rank Tier 1 locations based on ratio of: Total 2040 vehicles per day over 2018 E+C total approach lanes

Tier 3 Analysis- Review further based on adjacent land:

Right of way cost (low, medium, high)

Community impact (low, medium, high)

Resulting access impact to nearby development (low, medium, high)

Upcoming Efforts include:

- April TAC/CAC presentations on 2040 Needs Plan
- Present results of urban interchange review analysis and recommendations
- Present other transportation needs:
 - Transportation System Management (TSM)
 - Maintenance
 - Aviation and Port
 - Transit, including Palm Tran and SFRTA
 - Non-motorized (bicycle, pedestrian, and greenway)
- Public involvement outreach survey results

Comments from the TAC members:

- The CSX is shown having a grade separation from I-95 to Australian Ave, MR. UHREN explained the projected plan is to have Okeechobee Blvd elevated over the CSX to Rosemary and should be shown on the map as an urban interchange.
- Palm Beach Lakes Blvd. to east of Congress Ave. not shown as going overcapacity.
- Turnpike to be widen to 6 lanes up to PGA Blvd., map to be corrected.
- MR. UHREN suggested combining both maps to show both E+C and Needs on one map.
- Haverhill Rd. north of Okeechobee Blvd. proposed to widen to 6 lanes, why not do the same for the segment from Roebuck Rd. to Beeline Hwy.
- Boynton Beach Blvd. from 4 to 6 lanes dependent on interchange improvements.
- Seacrest Blvd. shown on map as going from 2 to 4 lanes, the City's desire is to widen to 3 lanes to provide a projected left turn lane.
- Indiantown Rd. will not be widened east of Central Blvd. Widening to 6 lanes with auxiliary lane from Turnpike to Central Blvd. MR. DRISCOLL would provide more information to the consultants via email.
- MR. HESS would email comments to MR. UHREN.
- Widening Northlake Blvd. in Lake Park would have a significant impact.
- Parker Ave. from Southern Blvd. to Okeechobee Blvd. is no longer 4 lanes.
- MR. BAILEY requested a larger map of the City of Riviera Beach area be emailed to him.

B. Summary Points from February 20, 2014 MPO Board

The February 20, 2014 MPO Board Summary Points were included in the agenda package.

C. Correspondence - City of Boca Raton Resolution No. 26-2014

This item was discussed during item 1.E Executive Director's Report.

4. ADMINISTRATIVE ITEMS

A. Member Comments

MR. HANSEN thought it helpful if the Needs Plan was presented showing the differences between the 2035 and the 2040.

MR. LIVERGOOD inquired as to what action would result by the Boca Raton resolution. MR. UHREN replied it would be taken into consideration for 2040 Plan.

MR. MOHYUDDIN mentioned was traffic backing up on Okeechobee Blvd and Meridian into Century Village and asked if any improvement could be made to ease the back up during peak hours. CHAIR WEISBERG said the signals were in the process of being adjusted.

DR. DELANEY stated a meeting would take place on March 6 to discuss the impact the All Aboard Florida trains would have on bridges and in particular the Loxahatchee River Bridge. The meeting had been organized by a private group.

MR. BAILEY asked DR. DELANEY about the community meetings that were to take place in the All Aboard Florida affected communities. DR. DELANEY said that would be discussed at the upcoming TIGER grant kickoff meeting. She added that staff from the Treasure Coast Regional Planning Council were available to address concerns at commission or community meetings. A workshop was to be held but a date had not been confirmed.

VICE CHAIR LIVERGOOD added the need to address pedestrian crossings and deterrents for trespassing. DR. DELANEY replied that the Bicycle/Pedestrian/Greenways Advisory Committee (BGPAC) had addressed the issue and had pointed out major crossings and felt now was the time add the crossing points.

DR. DELANEY stated some trespassing hot spots had been identified in Jupiter, West Palm Beach and Lake Worth, and fencing would be required by the FRA. The FECL would do the work.

MR. BAILEY asked if bicycle/pedestrian crossings could be included in the TIGER grant application. MR. UHREN said that was the hope.

MR. HANSEN mentioned Cambridge Systematic was in the process of doing a study for West Palm Beach to look at railroad trespassing and what could be done about it. He added that putting in fencing did not always resolve the problem.

DR. DELANEY asked that any ideas from the committee should be sent to her.

B. Next Meeting- **April 2, 2014**

MR. UHREN said the next TAC meeting would be held on April 2, 2014.

C. Motion To Adjourn

There being no further business a motion was made by MR. HANSEN to adjourn the meeting; second by WILSON. The meeting was adjourned at 11:03 A.M.

This signature is to attest that the undersigned is the Chairperson, or a designated nominee, of the Technical Advisory Committee and that information provided herein is the true and correct Minutes for the **March** meeting of the Technical Advisory committee, dated this _____ day of _____, 2014.

Chairperson

ELECTRONIC RECORDINGS OF ALL TECHNICAL ADVISORY COMMITTEE
MEETINGS ARE KEPT ON FILE AT THE METROPOLITAN PLANNING
ORGANIZATION OFFICE.



Transportation **I**mprovement **P**rogram

FY 2014-2018

Amendment #5

April 2014

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Public participation is solicited without regard to race, color, national origin, age, sex, religion, disability or family status. Persons who require special accommodations under the American with Disabilities Act or translation services for a meeting, free of charge, or for complaints, questions or concerns about civil rights, please contact: Malissa Booth at 561-684-4143 or email MBooth@PalmBeachMPO.org. Hearing impaired individuals are requested to telephone the Florida Relay System at #711.

Phase	Fund Source	2014	2015	2016	2017	2018	Total	
TURNPIKE ALL ELEC TOLLING FROM I-595 TO SOUTH OF LANTANA TOLL PLAZA – FM# 4293391							*SIS*	*RSP*
Type of Work: TOLL COLLECTION					Lead Agency: TURNPIKE			
					LRTP#: CH6-P1			
CST (52)	PKYI	<u>0 37,543,526</u>	<u>0 9,735,000</u>	0	0	<u>0 41,484,865</u>	<u>41,484,865 47,278,526</u>	
CST (53)	PKYI	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0 9,736,000</u>	<u>9,736,000</u>	
CST (62)	PKYI	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0 5,185,608</u>	<u>5,185,608</u>	
Total		<u>0 37,543,526</u>	<u>0 9,735,000</u>	0	0	<u>0 56,406,473</u>	<u>56,406,473 47,278,526</u>	
<i>Prior Years Cost</i>		0	<i>Future Years Cost</i>		0	<i>Total Project Cost</i>	<u>56,406,473 47,278,526</u>	

Original Letter Emailed on February 10, 2014

February 7, 2014

Mr. Nick Uhren
Executive Director
Palm Beach MPO
2300 North Jog Road, 4th Floor
West Palm Beach, FL 33411-2749

Dear Mr. Uhren:

Subject: REQUEST FOR TRANSPORTATION IMPROVEMENT PROGRAM CHANGES

The Florida Department of Transportation requests the following changes be made to the Palm Beach MPO Adopted FY 2013/14 – 2017/18 Transportation Improvement Program in coordination with the corresponding change to the Department's Work Program:

Palm Beach County Project

Project:

FM No. 429339-1– AET PHASE 5A, TPK MAINLINE, I-595 TO SOUTH OF LANTANA TOLLPLAZA, MP 54-88

Current TIP Status:

The project is in the FY 2013/14 – 2017/18 TIP

Proposed Amendment:

Defers item 429339-1 for installation of all electric toll collection equipment (AET) on the Turnpike Mainline from I-595 to South of Lantana Toll Plaza.

Explanation:

The Turnpike is currently implementing a toll system replacement project on this section of the Mainline, mitigating the need to install new AET equipment. Accordingly, the installation of AET equipment has been deferred to FY18 as the replacement equipment will have remaining life on it. FY14 project budget placed on reserve project 190657-1.

If you have any questions, please call me at 407-264-3832.

Sincerely,

Rebekah L. Hammond
Government Affairs
Florida's Turnpike Enterprise
Rebekah.Hammond@dot.state.fl.us
O: 407-264-3832
C: 407-718-8944



Florida Department of Transportation

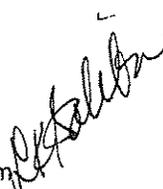
605 Suwannee Street
Tallahassee, FL 32399-0450

RICK SCOTT
GOVERNOR

ANANTH PRASAD, P.E.
SECRETARY

January 23, 2014

TO: Governor's Office of Policy and Budget

FROM: L.K. Saliba, Director, Office of Work Program 

SUBJECT: Notification of Proposed Work Program Amendment to the
FY 13/14-17/18 Adopted Work Program – 14-AM-036

COPIES: Billy Hattaway, Tommy Barfield, Paul Steinman, Diane Scaccetti

Pursuant to Section 339.135(7), Florida Statutes, the Florida Department of Transportation is hereby providing you with the attached proposed Work Program Amendment.

cc: Chairperson, Senate Budget Subcommittee on Transportation, Tourism & Economic
Development Appropriations
Chairperson, Senate Committee on Transportation
Chairperson, Senate Committee on Appropriations
Chairperson, House Transportation & Highway Safety Subcommittee
Chairperson, House Economic Affairs Committee
Chairperson, House Transportation & Economic Development Appropriations Subcommittee
Chairperson, House Appropriations Committee
Executive Director of the Florida Transportation Commission
Local Government

14-AM-036	
<u>Amendment No. (s)</u>	
2014-08-006;	2014-01-006
2014-03-014;	2014-07-011

Work Program Amendment Summary

Attached are amendments that will be deferred within or deleted from the Adopted Work Program.

DOT CENTRAL OFFICE:
THE PROPOSED AMENDMENT(S) ARE:

BALANCED TO FUNDS (PAR)
AND BUDGET (PBR)

Kendra Sheffield 1/16/14

BALANCED TO CASH FLOW

Janice L. Green 1/23/14

A BUDGET AMENDMENT IS:

- () REQUIRED
() NOT REQUIRED

@amp

Samuel A. Hester 01/23/14
SIGNATURE DATE

EXECUTIVE OFFICE OF THE GOVERNOR:

THE PROPOSED AMENDMENT(S) ARE:

- () APPROVED () REJECTED

SIGNATURE DATE



Florida Department of Transportation
Proposal Form
for EOG Work Program Amendment

Work Program Form - 07/2012

Florida Department of Transportation ** Work Program Amendment ** As of: **1/2/2014**
 To: Governor's Office of Planning and Budgeting Amendment: **2014 08 006**
 From: O.W.P. Subject: Proposed Amendment to the Adopted Work Program

Proposed By: *[Signature]* Tim George
 District or Assistant Secretary Signature Contact Person (please print)

Proposed Action: Add Advance Defer Delete

Reason: **DEFERS ITEM 4293391 FOR INSTALLATION OF ALL ELECTRONIC TOLL COLLECTION EQUIPMENT (AET) ON THE TURNPIKE MAINLINE FROM I-595 TO SOUTH OF LANTANA TOLL PLAZA. THE TURNPIKE IS CURRENTLY IMPLEMENTING A TOLL SYSTEM REPLACEMENT PROJECT ON THIS SECTION OF THE MAINLINE, MITIGATING THE NEED TO INSTALL NEW AET EQUIPMENT. ACCORDINGLY, THE INSTALLATION OF AET EQUIPMENT HAS BEEN DEFERRED TO FY18 AS THE REPLACEMENT EQUIPMENT WILL HAVE REMAINING LIFE ON IT. FY14 PROJECT BUDGET PLACED ON RESERVE PROJECT 1906571.**

Consistency requirements for TIP and STIP: (applies to Federal Funds only)

District (Central Office if Statewide Program) proposed amendment is:

<input type="checkbox"/> Consistent with MPO's Transportation Improvement Program (TIP) <input checked="" type="checkbox"/> TIP Amendment Required Anticipate Approval by: <u>2/20/2014</u> <input type="checkbox"/> Not applicable	<input type="checkbox"/> Consistent with State Transportation Improvement Program <input type="checkbox"/> STIP Amendment Required <input checked="" type="checkbox"/> Not applicable
--	---

TIP/STIP consistency, or need for TIP and/or STIP amendment confirmed by: *[Signature]* 1/3/2014
 (contact person signature) (date)

Amendment: 2014 08 006

Proposed Work Program Amendment
Amendment: 2014 08 006

Item Number: 4293391

Contract Class: DISTRICT CONTRACT

County: TURNPIKE

District: 08

Description: AET PHASE 5A, TPK MAINLINE, I-595 TO S OF LANTANA TOLLPLAZA,MP54-88

Trans. System: INTRASTATE TURNPIKE

Work Mix: TOLL PLAZA

Phase: 52 CONSTRUCTION CONSULTANTS/CONTRACTORS

Action: DEFER

Fund	Budgeted?	Bud Dist	Budget Category	Fiscal Year	Adopted Fund Amount	Proposed Fund Amount
Toll/Turnpike	Yes	08	088716 INTRASTATE HIGHWAY CONSTRUCTN	2014	36,974,033	
Toll/Turnpike	Yes	08	088716 INTRASTATE HIGHWAY CONSTRUCTN	2018		41,484,865
Total:					36,974,033	41,484,865

Phase: 53 CONSTRUCTION PURCHASE

Action: DEFER

Fund	Budgeted?	Bud Dist	Budget Category	Fiscal Year	Adopted Fund Amount	Proposed Fund Amount
Toll/Turnpike	Yes	08	088920 TURNPIKE SYSTEM EQUIP & DEVEL	2014	1,000	
Toll/Turnpike	Yes	08	088920 TURNPIKE SYSTEM EQUIP & DEVEL	2015	9,735,000	
Toll/Turnpike	Yes	08	088920 TURNPIKE SYSTEM EQUIP & DEVEL	2018		9,736,000
Total:					9,736,000	9,736,000

Phase: 62 CONSTRUCTION SUPPORT CONSULTANTS/CONTRACTORS

Action: DEFER

Fund	Budgeted?	Bud Dist	Budget Category	Fiscal Year	Adopted Fund Amount	Proposed Fund Amount
Toll/Turnpike	Yes	08	088718 C.E.I. CONSULTANTS	2014	3,697,403	
Toll/Turnpike	Yes	08	088718 C.E.I. CONSULTANTS	2018		4,148,486
Toll/Turnpike	Yes	08	088849 P.E. CONSULTANTS	2014	924,351	
Toll/Turnpike	Yes	08	088849 P.E. CONSULTANTS	2018		1,037,122
Total:					4,621,754	5,185,608



Transportation **I**mprovement **P**rogram

FY 2014-2018

Amendment #6

April 2014

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Phase	Fund Source	2014	2015	2016	2017	2018	Total
BEELINE HWY/SR-710 FROM W OF AUSTRALIAN AVE TO OLD DIXIE HWY – FM# 2298961					Length: 0.819 mi	*SIS*	*RSP*
Type of Work: ADD LANES & RECONSTRUCT					Lead Agency: FDOT		
					LRTP#: CH6-P7		
RRU (RRUNA)	ACNP	300,000	700,000	0	0	0	1,000,000
ROW (4NA)	SU	<u>6,156,696</u>	<u>7,281,694</u>	0	0	0	<u>6,156,696</u> <u>7,281,694</u>
ROW (4NA)	SA	<u>634,961</u>	<u>685,000</u>	0	0	0	<u>634,961</u> <u>685,000</u>
CST (5NA)	ACNP	0	0	23,777,378	0	0	23,777,378
PE	DDR	<u>150,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>150,000</u>
PE	DIH	<u>1,733</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1,733</u>
ROW	ACSA	<u>162,436</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>162,436</u>
ROW	DDR	<u>57,914</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>57,914</u>
ROW	HPP	<u>292,658</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>292,658</u>
ROW	DIH	<u>14,319</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>14,319</u>
ROW	DS	<u>204,581</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>204,581</u>
ROW	NHAC	<u>542,075</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>542,075</u>
ROW	NHPP	<u>1,038,578</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1,038,578</u>
Total		<u>9,555,951</u>	<u>8,266,694</u>	<u>700,000</u>	<u>23,777,378</u>	<u>0</u>	<u>34,033,329</u> <u>32,744,072</u>
	<i>Prior Years Cost</i>	<i>41,035,117</i>		<i>Future Years Cost</i>	<i>0</i>	<i>Total Project Cost</i>	<i><u>75,068,446</u></i> <i><u>73,779,189</u></i>



Florida Department of Transportation

RICK SCOTT
GOVERNOR

3400 West Commercial Boulevard
Fort Lauderdale, FL 33309

ANANTH PRASAD, P.E.
SECRETARY

February 12, 2014

Mr. Nick Uhren, Director
Palm Beach Metropolitan Planning Organization
2300 North Jog Road
West Palm Beach, FL 33411

Dear Mr. Uhren:

**SUBJECT: Palm Beach Metropolitan Planning Organization (MPO)
TIP Amendment Request FY 2013/14 – 2017/18
FM No. 229896-1 SR-710/BEELINE HWY FROM W OF AUSTRALIAN AVE TO
OLD DIXIE HWY**

Pursuant to U.S.C. Title 23 and Title 49, the Florida Department of Transportation requests your processing and approval of the attached amendment to the FY 2013/14 – 2017/18 Transportation Improvement Program. This amendment is required because a new project has been added to the work program and needs to be reflected in the TIP. This Transportation Improvement Program Amendment is consistent with the Adopted Long Range Transportation Plan and the adopted TIP remains financially constrained.

Please contact me at (954) 777-4651 if you have any questions or need additional information.

Sincerely,

Arlene Tanis
Intergovernmental Coordinator
District Four

At the Palm Beach MPO Board Meeting on _____, the above mentioned amendment to the
Date
FY 2013/14 – 2017/18 Transportation Improvement Program was approved.

Mr. Nick Uhren
Director

Signature

**Transportation Improvement Program (TIP) Amendment
FY 2013/14 - FY 2017/18**

Is a STIP amendment needed for this TIP Amendment? (check if yes)

STIP Page Number (if applicable): 1911

This TIP Amendment is consistent with the 2035 Palm Beach MPO Long Range Transportation Plan (LRTP) and does not change financial constraints.

LRTP Page Number (if applicable): VI-7

TIP Amendment Criteria:

- A The change adds new individual projects to the current TIP
- B The change adversely impacts financial constraint
- C The change results in major scope changes
- D The change removes or deletes an individually listed project from the TIP
- E The change results in a cost increase that is greater than 20 percent and greater than \$2 million.

----- PROJECT INFORMATION -----

Project Name: SR-710/BEELINE HWY FROM W OF AUSTRALIAN AVE TO OLD DIXIE HWY

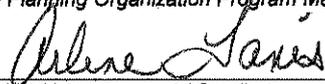
TIP Criteria: A

Reason for Change/Notes: The purpose of this TIP amendment is to create consistency between what is currently programmed in the STIP and what is currently programmed in the TIP. The estimates for ROW increased and a preliminary engineering (PE) phase was added to FY 2014. This inconsistency between the two documents will need to be amended for FHWA evaluation.

Status	FPN	Description	Phase	Fund	FY 2013/14	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18
Current	229896-1	SR-710/BEELINE HWY FROM W OF AUSTRALIAN AVE TO OLD DIXIE HWY	RRU	ACNP	\$300,000	\$700,000			
			ROW	SU	\$7,281,694				
			ROW	SA	\$685,000				
			CST	ACNP			\$23,777,378		
Proposed	229896-1	SR-710/BEELINE HWY FROM W OF AUSTRALIAN AVE TO OLD DIXIE HWY	PE	DDR	\$150,000				
			PE	DIH	\$1,733				
			RRU	ACNP	\$300,000	\$700,000			
			ROW	SA	\$634,961				
			ROW	ACSA	\$162,436				
			ROW	DDR	\$57,914				
			ROW	HPP	\$292,658				
			ROW	DIH	\$14,319				
			ROW	DS	\$204,581				
			ROW	NHAC	\$542,075				
			ROW	NHPP	\$1,038,578				
			ROW	SU	\$6,156,696				
			CST	ACNP			\$23,777,378		
Net Change					\$1,289,257	\$0	\$0		

This TIP Amendment has been prepared in accordance with Sections 5.13 and 5.14 of the FDOT *Metropolitan Planning Organization Program Management Handbook*.

Palm Beach MPO Executive Director



FDOT District 4 Intergovernmental Coordinator

Transportation **I**mprovement **P**rogram

FY 2014-2018

Amendment #7

April 2014

2300 North Jog Road • 4th Floor • West Palm Beach • FL 33411 • 561-684-4170

Public participation is solicited without regard to race, color, national origin, age, sex, religion, disability or family status. Persons who require special accommodations under the American with Disabilities Act or translation services for a meeting, free of charge, or for complaints, questions or concerns about civil rights, please contact: Malissa Booth at 561-684-4143 or email MBooth@PalmBeachMPO.org. Hearing impaired individuals are requested to telephone the Florida Relay System at #711.

Phase	Fund Source	2014	2015	2016	2017	2018	Total
Southern Blvd/SR 80 from Lion Country Safari to Crestwood/Forest Hill Blvd– FM# 419345-2					Length: 6.040 mi	*SIS*	*RSP*
Type of Work: ADD LANES & RECONSTRUCT					Lead Agency: FDOT		
Lanes (Existing/Improve/Addl): 4/4/2					LRTP#: CH6-P7		
ROW (4NA)	DS	<u>0</u> 130,000	0	<u>1,474,468</u> 0	<u>276,133</u> 0	0	<u>1,750,601</u> 130,000
ROW (4NA)	SU	<u>197,000</u> 5,230,322	<u>2,105,591</u> 0	0	<u>800,170</u> 0	0	<u>3,102,761</u> 5,230,322
CST (5NA)	DIH	0	0	0	0	1,456,083	1,456,083
CST (5NA)	SU	0	0	0	0	12,029,180	12,029,180
CST (5NA)	CM	0	0	0	0	2,277,727	2,277,727
CST (5NA)	DDR	0	0	0	0	18,762,138	18,762,138
Total		<u>197,000</u> 802,873	<u>2,105,591</u> 0	<u>1,474,468</u> 0	<u>1,076,303</u> 0	34,525,128	<u>39,378,490</u> 39,885,450
	Prior Years Cost	2,490,666		Future Years Cost	0	Total Project Cost	<u>41,869,156</u> 42,376,116



Florida Department of Transportation

RICK SCOTT
GOVERNOR

3400 West Commercial Boulevard
Fort Lauderdale, FL 33309

ANANTH PRASAD, P.E.
SECRETARY

February 11, 2014

Mr. Nick Uhren, Director
Palm Beach Metropolitan Planning Organization
2300 North Jog Road
West Palm Beach, FL 33411

Dear Mr. Uhren:

**SUBJECT: Palm Beach Metropolitan Planning Organization (MPO)
TIP Amendment Request FY 2013/14 – 2017/18
FM No. 419345-2**

Pursuant to U.S.C. Title 23 and Title 49, the Florida Department of Transportation requests your processing and approval of the attached amendment to the FY 2013/14 – 2017/18 Transportation Improvement Program. This amendment is required because of funding reallocation or cost changes and needs to be reflected in the TIP. This Transportation Improvement Program Amendment is consistent with the Adopted Long Range Transportation Plan and the adopted TIP remains financially constrained.

Please contact me at (954) 777-4651 if you have any questions or need additional information.

Sincerely,

Arlene Tanis
Intergovernmental Coordinator
District Four

At the Palm Beach MPO Board Meeting on _____, the above mentioned amendment to the
Date
FY 2013/14 – 2017/18 Transportation Improvement Program was approved.

Mr. Nick Uhren
Director

Signature

**MPO TRANSPORTATION IMPROVEMENT PROGRAM (TIP) AMENDMENT REQUEST
FORM**

Responsible Agency: FDOT
Contact Name: Arlene Tanis
Project Manager: James Hughes
Telephone Number: (954) 777-4419

Title: Intergovernmental Coordinator
Title: Project Manager
Date: 2/10/2014

**Project Name: SR-80 from West of Lion Country Safari Road to Forest Hill/Crestwood Boulevard
Financial Management Numbers: 419345-2**

Project Description:

Widen SR-80 from 4 to 6 lanes from west of Lion Country Safari Road to Forest Hill/Crestwood Boulevard.

Impact of Amendment:

This amendment will modify the cost estimates of both the TIP and the State TIP for the right of way phase. Currently the TIP shows \$5,360,828 in FY 2014. This amendment will reduce the FY 2014 funding to \$197,000 and move the remaining funds to FY 2015 – FY 2017.

Impact on Other TIP Projects:

N/A

Other Comments:

N/A

The preparation of this report has been financed in part through grant[s] from the Federal Highway Administration and Federal Transit Administration, U.S. Department of Transportation, under the State Planning and Research Program, Section 505 [or Metropolitan Planning Program, Section 104(f)] of Title 23, U.S. Code.

The contents of this report do not necessarily reflect the official views or policy of the U.S. Department of Transportation.

Transportation Improvement Program Amendment
 FY2013/14 - 2017 /18

STIP Amendment Number:

** This STIP is in an MPO Area **

TIP Page Number: See Attach

On **Thursday, March 20, 2014**, the **Palm Beach MPO** Metropolitan Planning Organization amended the Transportation Improvement Program that was developed and adopted in compliance with Title 23 and Title 49 in a continuing, cooperative and comprehensive transportation planning process as a condition to the receipt of federal assistance. By signature below, the MPO representative certifies that the TIP amendment was adopted by the MPO Board as documented in the supporting attachments. **This amendment will be subsequently incorporated into the MPOs TIP for public disclosure.**

The amendment does not adversely impact the air quality conformity or financial constraints of the STIP.

The STIP Amendment is consistent with the Adopted Long Range Transportation Plan. (Page Number:VI-7)

This document has not been approved

Metropolitan Planning Organization Chairman or Designee
Palm Beach MPO

This document has not been approved

FDOT District Representative or Designee District **04**

This document has not been approved

Federal Aid Management Manager or Designee

This document has not been approved

Federal Authorization

STIP amendment criteria:

F - The change results in a cost increase that is greater than 20% AND greater than \$2 million.

An air conformity determination must be made by the MPO on amended projects within the non-attainment or maintenance areas

E - The MPO is not in an air quality non-attainment or maintenance area.

Project Name **419345-2 SR-80 FR WEST OF LION CO SAFARI RD TO FOREST HILL/CRESTWOOD BL**

Status	TEM	Ver	Description	Funding								
				Fund	Phase	< FY 2014	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	> FY 2018
Original STIP	419345 2	AD	SR-80 FR WEST OF LION CO SAFARI RD TO FOREST HILL/CRESTWOOD BL 2013 MPO PRIORITY #1 MANAGED BY FDOT *SIS*	DS	ROW	0.00	130,000.00	0.00	0.00	0.00	0.00	0.00
				SU	ROW	0.00	672,873.00	0.00	0.00	0.00	0.00	0.00
Proposed Project	419345 2	AM	SR-80 FR WEST OF LION CO SAFARI RD TO FOREST HILL/CRESTWOOD BL 2013 MPO PRIORITY #1 MANAGED BY FDOT *SIS*	DS	ROW	0.00	0.00	0.00	1,474,468.00	276,133.00	0.00	0.00
				SU	ROW	0.00	197,000.00	2,105,591.00	0.00	800,170.00	0.00	0.00
Funding Source After Change	229995 1	AD	DIST. WIDE R/W BOX CONTINGENCY - 088853 MANAGED BY FDOT *SIS*	DS	ROW	0.00	1,007,079.00	209,451.00	55,581.00	71,268.00	90,763.00	94,358.00
				SU	ROW	0.00	301,145.00	0.00	0.00	0.00	0.00	0.00
Funding Source Balance Before Change						702,351.00	2,315,042.00	1,530,049.00	1,147,571.00	90,763.00	94,358.00	
Funding Source Balance After Change						1,308,224.00	209,451.00	55,581.00	71,268.00	90,763.00	94,358.00	
Net Change to Funding Source						605,873.00	-2,105,591.00	-1,474,468.00	-1,076,303.00			
Proposed Project Before Change						802,873.00						

Proposed Project After Change		197,000.00	2,105,591.00	1,474,468.00	1,076,303.00		
Net Change to Project		-605,873.00	2,105,591.00	1,474,468.00	1,076,303.00		
Net Change to Funding Source		605,873.00	-2,105,591.00	-1,474,468.00	-1,076,303.00		
Net Change to Proposed Project		-605,873.00	2,105,591.00	1,474,468.00	1,076,303.00		
Net Change to STIP							

NOTE: ** 1 Attached documents found **

 [419345-2 LRTP.pdf](#) (Size: 88 Kbytes)

Transportation **I**mprovement **P**rogram

FY 2014-2018

Amendment #8

April 2014

2300 North Jog Road • 4th Floor • West Palm Beach • FL 33411 • 561-684-4170

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Phase	Fund Source	2014	2015	2016	2017	2018	Total
SR-9/I-95 @ PGA BOULEVARD/CENTRAL BOULEVARD – FM# 413265-1					Length: 0.010 mi	*SIS*	*RSP*
Type of Work: INTERCHANGE JUSTIFICA/MODIFICA					Lead Agency: FDOT		
					LRTP#: CH5-P4		
PE	DIH	56,229	0	0	0	0	56,229
Total		56,229	0	0	0	0	56,229
<i>Prior Years Cost</i>		<i>1,600,000</i>		<i>Future Years Cost</i>	<i>33,521,000</i>	<i>Total Project Cost</i>	<i>35,177,229</i>

*Note: Future Years Cost was taken from FDOT’s Strategic Intermodal System Long Range Cost Feasible Plan, 2013 Edition, Year of Expenditure dollars. Project ID 1534 includes \$2.74M for PE and \$30.781M for CST using district managed funds



Florida Department of Transportation

RICK SCOTT
GOVERNOR

3400 West Commercial Boulevard
Fort Lauderdale, FL 33309

ANANTH PRASAD, P.E.
SECRETARY

March 19, 2014

Mr. Nick Uhren, Director
Palm Beach Metropolitan Planning Organization
2300 North Jog Road
West Palm Beach, FL 33411

Dear Mr. Uhren:

**SUBJECT: Palm Beach Metropolitan Planning Organization (MPO)
TIP Amendment Request FY 2013/14 – 2017/18
FM No. 413265-1 SR-9/I-95 @ PGA Boulevard/Central Boulevard**

Pursuant to U.S.C. Title 23 and Title 49, the Florida Department of Transportation requests your processing and approval of the attached amendment to the FY 2013/14 – 2017/18 Transportation Improvement Program. This amendment is required because a new project has been added to the work program and needs to be reflected in the TIP. This Transportation Improvement Program Amendment is consistent with the Adopted Long Range Transportation Plan and the adopted TIP remains financially constrained.

Please contact me at (954) 777-4651 if you have any questions or need additional information.

Sincerely,

Arlene Tanis
Intergovernmental Coordinator
District Four

At the Palm Beach MPO Board Meeting on _____, the above mentioned amendment to the
Date
FY 2013/14 – 2017/18 Transportation Improvement Program was approved.

Mr. Nick Uhren
Director

Signature

**Transportation Improvement Program (TIP) Amendment
FY 2013/14 - FY 2017/18**

___ Is a STIP amendment needed for this TIP Amendment? (check if yes)

STIP Page Number (if applicable): 1927

This TIP Amendment is consistent with the 2035 Palm Beach MPO Long Range Transportation Plan (LRTP) and does not change financial constraints

LRTP Page Number (if applicable): VI-7

TIP Amendment Criteria

- A The change adds new individual projects to the current TIP
- B The change adversely impacts financial constraint
- C The change results in major scope changes
- D The change removes or deletes an individually listed project from the TIP
- E The change results in a cost increase that is greater than 20 percent and greater than \$2 million.

----- **PROJECT INFORMATION** -----

Project Name: SR-9/I-95 @ PGA BOULEVARD/CENTRAL BOULEVARD

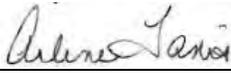
TIP Criteria: A

Reason for Change/Notes: The purpose of this TIP amendment is to create consistency between what is currently programmed in the STIP and what is currently programmed in the TIP. This project is currently programmed in the STIP and needs to be added to the TIP.

Status	FPN	Description	Phase	Fund	FY 2013/14	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18
Current									
Proposed	413265-1	SR-9/I-95 @ PGA BOULEVARD/CENTRAL BOULEVARD	PE	DIH	\$56,229	\$0	\$0	\$0	\$0
Net Change					\$56,229	\$0	\$0	\$0	\$0

This TIP Amendment has been prepared in accordance with Sections 5.13 and 5.14 of the FDOMetropolitan Planning Organization Program Management Handbook.

Palm Beach MPO Executive Director



FDOT District 4 Intergovernmental Coordinator

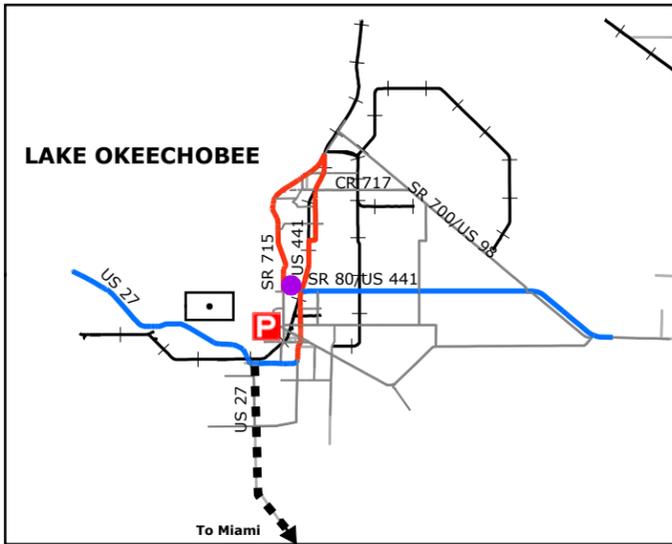
DIRECTIONS 2040

Palm Beach 2040 Long Range Transportation Plan

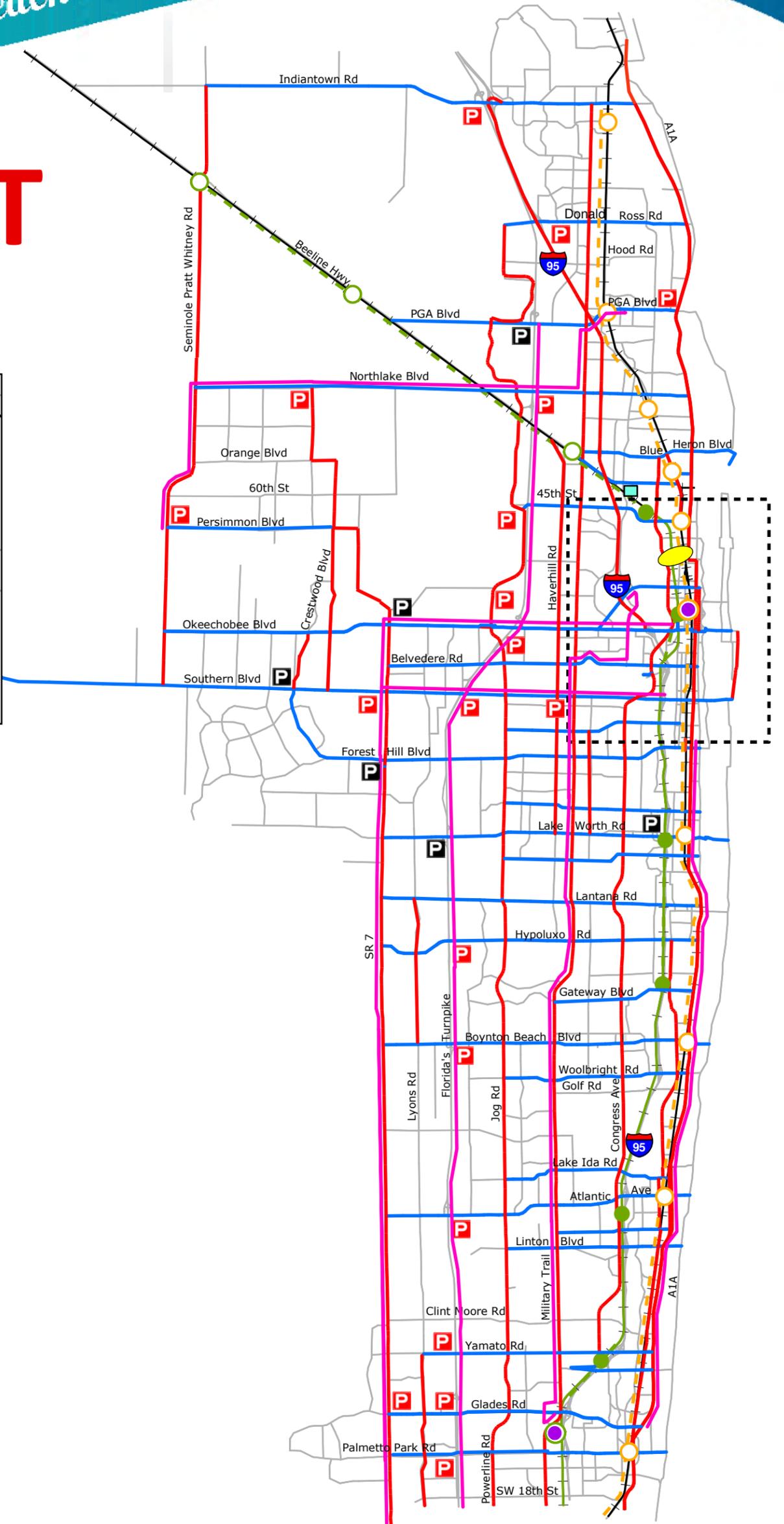
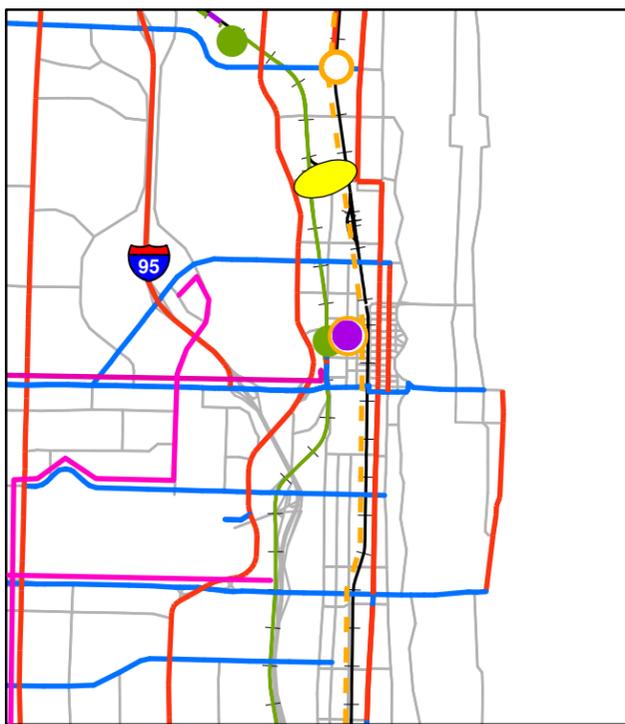


DRAFT

GLADES AREA



WEST PALM BEACH AREA



2040 Desires Plan

Transit and Freight Component

LEGEND

- Existing Tri-Rail Station
- Existing Tri-Rail Route
- Proposed Tri-Rail Station with Park-N-Ride Facility
- Proposed Tri-Rail Route Expansion
- Proposed Coastal Link Station
- Proposed Tri-Rail Coastal Link Service
- CSX and FEC Existing Railroad Lines
- Regional Freight Rail (Miami to South Bay)
- Proposed Intermodal Logistics Center
- Proposed E-W Palm Tran Bus Grid System
- Proposed N-S Palm Tran Bus Grid System
- Proposed Rapid/Express Bus Service
- Northern Layover Facility
- Existing Park-N-Ride Facility
- Proposed Park-N-Ride Facility
- Northwood Crossover
- Proposed Intermodal Logistics Center

NOTES



YEAR 2040 PALM BEACH LONG RANGE TRANSPORTATION PLAN
Draft FY 2019-2040 Desires Projects - Transit

No.	Facility Name	From	To	Improvement
1	FEC Corridor Rail Crossings			Upgrade Rail Crossings to Improve Safety for Vehicular and Non-motorized crossing maneuvers and to mitigate noise impacts along the corridor
2	Tri-Rail Coastal Link - New Service	Boca/FAU	Miami	New service on CSX and FEC corridor via Pompano Crossover
3	Tri-Rail Coastal Link - New Service	Jupiter	Ft Lauderdale	New service on FEC corridor
4	Tri-Rail Extension - New Service	West Palm Beach Station	New Jupiter Station	New service on CSX and FEC corridors via Northwood Crossover
5	Tri-Rail Extension - New Service	Mangonia Park Station	Seminole Pratt Whitney Rd	Extend existing service on CSX corridor
6	New Tri-Rail Station	Glades Rd	Boca Raton	New station on CSX corridor
7	New Tri-Rail Station	PBIA	West Palm Beach	New station on CSX corridor
8	New Tri-Rail Station	Toney Penna Dr	Jupiter	New Station on FEC Corridor
9	New Tri-Rail Station	PGA Blvd	Palm Beach Gardens	New Station on FEC Corridor
10	New Tri-Rail Station	Park Ave	Lake Park	New Station on FEC Corridor
11	New Tri-Rail Station	13th Street	Riviera Beach	New Station on FEC Corridor
12	New Tri-Rail Station	45th Street	West Palm Beach	New Station on FEC Corridor
13	New Tri-Rail Station	Datura/Evernia	West Palm Beach	New Station on FEC Corridor
14	New Tri-Rail Station	Lake Worth Rd	Lake Worth	New Station on FEC Corridor
15	New Tri-Rail Station	Boynton Beach Blvd	Boynton Beach	New Station on FEC Corridor
16	New Tri-Rail Station	Atlantic Ave	Delray Beach	New Station on FEC Corridor
17	New Tri-Rail Station	Palmetto Park Rd	Boca Raton	New Station on FEC Corridor
18	New Tri-Rail Station	Blue Heron Blvd	West Palm Beach	New station on CSX corridor
19	New Tri-Rail Station	PGA Blvd	Unincorporated PBC	New station on CSX corridor
20	New Tri-Rail Station	Seminole Pratt Whitney Rd	Unincorporated PBC	New station on CSX corridor
TRANSIT (PALM TRAN)				
21	Express Bus via Turnpike	Broward Co	Palm Beach Gardens	New express bus service
22	Express Bus via Southern Blvd	Forest Hill Blvd	Downtown WPB Station	New express bus service
23	Express Bus via SR 7/Okeechobee Blvd	SR 7/Forest Hill Blvd	WPB Station	New express bus service
24	Express Bus via SPW Rd/Northlake Blvd/Military Tr/PGA Blvd	SPW/Persimmon Blvd	Gardens Mall	New express bus service
25	Express Bus via Military Tr	Glades Rd	Palm Beach Gardens Blvd	New express bus service
26	Glades Inland Logistic Center Transit	SR 80, SR 715	US 27, FEC Railway	Enhanced Transit Services
27	North and South Bus Facilities Expansion			Design and Construction to Accommodate Expansion
28	Rapid Bus via SR 7	Broward Co	Mall at Wellington Green	New rapid bus service
29	Rapid Bus via SR 7 to Lake Worth Rd	Mall at Wellington Green	Lake Worth	New rapid bus service
30	Rapid Bus via SR 7 to Okeechobee Blvd	Mall at Wellington Green	West Palm Beach	New rapid bus service
31	Rapid Bus via US 1	Boca Raton	West Palm Beach	New rapid bus service
32	New Route 10th Ave N	Jog Rd	N Olive Ave	New local bus service (grid system)
33	New Route 45th St	Jog Rd	US 1	New local bus service (grid system)
34	New Route Acreage	Seminole Pratt Whitney Rd	West Palm Beach	New local bus route
35	New Route Atlantic Ave	SR 7	SR A1A	New local bus service (grid system)
36	New Route Beeline Hwy/SR 710	Blue Heron Blvd	Old Dixie Hwy	New local bus service (grid system)
37	New Route Blue Heron Blvd	Beeline Hwy	SR A1A	New local bus service (grid system)
38	New Route Boynton Beach Blvd	SR 7	US 1	New local bus service (grid system)
39	New Route Congress Ave	Yamato Rd	Southern Blvd	New local bus service (grid system)
40	New Route Forest Hill Blvd	Southern Blvd	US 1	New local bus service (grid system)
41	New Route Glades Rd	SR 7	US 1	New local bus service (grid system)
42	New Route I-95	Okeechobee Blvd	Indiantown Rd	New local bus service (grid system)
43	New Route Indiantown Rd	Seminole Pratt Whitney Rd	US 1	New local bus service (grid system)
44	New Route Jog Rd	Glades Rd	Donald Ross Rd	New local bus service (grid system)
45	New Route Lake Worth Blvd	SR 7	SR A1A	New local bus service (grid system)
46	New Route Lantana Rd	SR 7	US 1	New local bus service (grid system)
47	New Route Linton Blvd	Jog Rd to SR A1A	SR A1A	New local bus service (grid system)
48	New Route Military Tr	Broward County Line	Indiantown Rd	New local bus service (grid system)
49	New Route Northlake Blvd	Seminole Pratt Whitney Rd	US 1	New local bus service (grid system)
50	New Route Okeechobee Blvd	Seminole Pratt Whitney Rd	US 1	New local bus service (grid system)
51	New Route Old Dixie Hwy	W 8th St/SR 710	W 13th St	New local bus service (grid system)
52	New Route Palmetto Park Rd	SR 7	SR A1A	New local bus service (grid system)
53	New Route PGA Blvd	Beeline Hwy	US 1	New local bus service (grid system)
54	New Route Powerline Rd	Broward County Line	Glades Rd	New local bus service (grid system)
55	New Route Southern Blvd/SR 80	Hendry County Line	US 1	New local bus service (grid system)
56	New Route SR 7/US 441	Broward County Line	Persimmon Blvd	New local bus service (grid system)
57	New Route US 1	Broward County Line	Martin County Line	New local bus service (grid system)
58	New Route Woolbright Rd	Jog Rd	US 1	New local bus service (grid system)
59	New Route Yamato Rd	Lyons Rd	US 1	New local bus service (grid system)



EXAMPLES OF TRANSPORTATION SYSTEM MANAGEMENT IMPROVEMENTS



CORRIDOR IMPROVEMENT

EXAMPLE: US 1 FROM BEACH ROAD TO MARTIN COUNTY LINE

Recommendation:

Reduce vehicular lanes to provide premium bicycle facilities.

Supporting Information

Current Peak Season Traffic = 24,400
 Projected 2040 Daily Traffic = 32,700
 LOS D Threshold for 4-Lanes = 33,200
US 1 statewide is a designated bike route and part of the US Bicycle Route system. This portion of the corridor has excess vehicular lanes and inadequate bicycle lanes.



OTHER EXAMPLES OF CORRIDOR IMPROVEMENTS INCLUDE:

Paving unimproved rights of way, improving signal coordination, improving signage/DMS systems, reducing access points, increasing turning radii, adding turn lanes, installation of ITS equipment, etc.

INTERSECTION IMPROVEMENT

EXAMPLE: INTERSECTION OF MILITARY TRAIL AND PGA BLVD

Recommendation:

Construct an exclusive southbound right turn lane.

Supporting Information

Current SB Rt Turn Vol = 300+ vph
 Exclusive Rt Turn Ln Warrant = 75 vph
This intersection is congested and the heavy right turn movement is noted from the pavement wear and tear patterns.



OTHER EXAMPLES OF INTERSECTION IMPROVEMENTS INCLUDE:

Installing warranted traffic signals, improving bike and pedestrian safety, improving signal timing and/or detection hardware, improving turning radii, etc.

Note: Additional TSM&O projects include roadway landscaping, installation of street lighting, installation of electric charging stations, etc.

For Informational Purposes Only: These projects are provided as examples only. Actual projects funded in this category will be determined by the MPO Board.

YEAR 2040 PALM BEACH LONG RANGE TRANSPORTATION PLAN
Draft FY 2019-2040 Desires Projects - Transportation System Management

No.	Facility Name	From	To	Improvement
TRANSPORTATION SYSTEM MANAGEMENT				
Intersections				
1	Military Tr	@ Port West Blvd		Add Traffic Light
2	PGA Blvd	@ Minsk Dr		Add Traffic Light
3	US 1	@ W 11th St		Add Traffic Light
4	Atlantic Blvd.	@ Smith Sundry Rd/Half Mile Rd		Create One Intersection
5	Stribling Way	@ FairLane Farms Rd, SR7/US441		Intersection Improvements
6	25th St	@ Australian Ave		Intersection Improvements
7	45th St	@ US 1, @ Congress Ave		Intersection Improvements
8	Atlantic Ave	@ Congress Ave, @ 12th Ave		Intersection Improvements
9	Australian Ave	@ Okeechobee Rd, @ Mercer Ave, @ W 13th St		Intersection Improvements
10	Belvedere Rd	@ Mercer Ave		Intersection Improvements
11	Blue Heron Blvd	@ US 1		Intersection Improvements
12	Boynton Beach Blvd	@ Turnpike E		Intersection Improvements
13	Congress Ave	@ Clint Moore Rd, 10th Ave N		Intersection Improvements
14	Gateway Blvd	@ High Ridge Rd		Intersection Improvements
15	Glades Rd	@ Airport Rd/NW 15th Ave, @ Turnpike/Boca		Intersection Improvements
16	Lantana Rd	@ High Ridge Rd		Intersection Improvements
17	Military Tr	@ Forest Hill Blvd, @ Linton Rd, @ 10th Ave N, @ Sample Rd		Intersection Improvements
18	Northlake Blvd	@ Prosperity Farms Rd		Intersection Improvements
19	Okeechobee Blvd	@Rosemarie/Sapodilla Ave, @Military Tr, @Haverhill Rd, @Turnpike		Intersection Improvements
20	Old Boynton Rd	@ Congress Ave		Intersection Improvements
21	Palm Beach Lakes Blvd	@ Australian Ave, @ Robbins Dr		Intersection Improvements
22	Palmetto Park Rd	@ Lyons Rd, @ SR7/US 441		Intersection Improvements
23	PGA Blvd	@ Central Blvd/Ave of PGA		Intersection Improvements
24	Southern Blvd	@ Sanbury's Way, @ Pike Rd, @ Forest Hill/Crestwood Blvd		Intersection Improvements
25	SW 18th St	@ Powerline Rd		Intersection Improvements
26	Toney Penna Dr	@ Alt A1A/Old Dixie Hwy		Intersection Improvements
27	West Atlantic Ave	@ Turnpike/Tranquillity Lake Dr, @ Congress Ave, @ Jog Rd		Intersection Improvements
28	Yamato Rd	@ Lyons Rd		Intersection Improvements
29	Northlake Blvd	@ Military Tr		Intersection Improvements
30	PGA Blvd	@ Military Tr, @ Turnpike/Fairway Dr		Intersection Improvements
31	SR 710	@ Old Dixie Highway		Intersection Improvements
32	Turnpike Ramps (MP 93)	@ Lake Worth Rd		Intersection improvements
Corridors				
33	45th St	Congress Ave	Village Blvd	Corridor Signal Coordination
34	E. Gateway Blvd	High Ridge Rd	I-95	Corridor Signal Coordination
35	University Drive	NW 15th Ave	University Dr	Corridor Signal Coordination
36	7th Ave S	S A St	S F St	Corridor Improvements
37	10th Ave N	Boutwell Rd	I-95	Corridor Improvements
38	10th St	Silver Bch Blvd	Park Ave	Corridor Improvements
39	45th St	I-95	Port of Palm Beach	Corridor Improvements
40	Atlantic Ave	Congress Ave	I-95	Corridor Improvements
41	Avenue C	E 13th St	E 11th St	Corridor Improvements
42	Avenue C	Avenue C	13 St	Corridor Improvements
43	Avenue E	11th St	11th St to Silver Beach Rd	Corridor Improvements
44	Belvedere Rd	I-95	Parker Ave	Corridor Improvements
45	Blue Heron Blvd	I-95	Port Entrance	Corridor Improvements
46	Boynton Beach Blvd	IndusTr Ave	Seacrest Blvd	Corridor Improvements
47	Congress Ave	Dr Martin Luther King Jr Blvd	45th St	Corridor Improvements
48	Donald Ross Rd	Central Blvd	Alt A1A	Corridor Improvements
49	Garden Rd	Investment Ln	Blue Heron Blvd	Corridor Improvements
50	Glades Rd	University Drive	NW 15th Ave	Corridor Improvements
51	Glades Rd	W of I-95	Butts Rd	Corridor Improvements
52	Hypoluxo Rd	High Ridge Rd	Seacrest Blvd	Corridor Improvements
53	Innovation Way and Heritage Drive Corridor	-	-	Corridor Improvements
54	Investment Ln	Military Tr	Congress Ave	Corridor Improvements
55	Lake Worth Rd	Boutwell Rd	I-95	Corridor Improvements
56	Lantana Rd	High Ridge Rd	13th St	Corridor Improvements
57	Mercer Ave	Belvedere Rd	Australian Ave	Corridor Improvements
58	Mercer Ave	Old Okeechobee Rd	Belvedere Rd	Corridor Improvements
59	Military Tr	Blue Heron Blvd	45th St	Corridor Improvements
60	North K and North M St Neighborhood	2nd Ave North	9th Ave North	Corridor Improvements
61	NE 8th St	Dixie Hwy	Federal Hwy	Corridor Improvements
62	Northlake Blvd	Keating Dr	Sunrise Dr	Corridor Improvements
63	Palmetto Park Rd	ICWW Bridge	SR A1A	Corridor Improvements
64	Okeechobee Blvd	S. Chillingworth Drive	S. Tamarind Ave	Corridor Improvements
65	Okeechobee Blvd	Biscayne Blvd	Palm Beach Lakes Blvd	Corridor Improvements
66	Old Okeechobee Rd	Mercer Ave	Parker Ave	Corridor Improvements

YEAR 2040 PALM BEACH LONG RANGE TRANSPORTATION PLAN
Draft FY 2019-2040 Desires Projects - Transportation System Management

No.	Facility Name	From	To	Improvement
67	Old Okeechobee Rd	Okeechobee Blvd	Mercer Ave	Corridor Improvements
68	Peninsula Corp Dr	Congress Ave	I-95	Corridor Improvements
69	Pierson Rd	FairLane Farms Rd	120th Ave S	Corridor Improvements
70	SR 710	Military Tr	Congress Ave	Corridor Improvements
71	SW 8th St	Boynton Bch Blvd	Crystal Key Wy	Corridor Improvements
72	Westgate Ave	Military Tr.	Congress Ave.	Corridor Improvements
73	Yamato Rd	Congress Ave/Technology Way	I-95	Corridor Improvements
Intelligent Transportation System (ITS)				
74	Countywide Travel Time Information System	Major arterial intersections and freeway section		ITS Countywide
75	Adaptive Traffic Control System (ATCS)			Adaptive Traffic Control System (ATCS)
76	Advanced Traffic Management System for the City of Boca Raton			Advanced Traffic Management System Boca Raton
77	Arterial Detour Traffic Management due to Incidents on I-95			Arterial Detour Traffic Management I-95 Corridor
78	Automated Arterial Incident and Bottleneck Detection Systems	On Glades Rd, Military Tr, Yamata Rd, and Federal Hwy		Use of Technology and Alternative Transportation Initiatives to Manage
79	45th St ITS	@ I-95		Install new DMS sign
80	Blue Heron Blvd ITS	@ I-95		Install new DMS sign
81	I-95 ITS			ITS - Freeway Management
82	I-95 ITS			ITS - Severe Incident Response Vehicle
83	SR 80 / Southern Blvd	Royal Palm Beach Blvd	Dixie Highway	ITS freeway management
Other				
84	CCTV Surveillance Cameras			CCTV Surveillance Cameras Countywide
85	Electric Car Charging Stations			Countywide Charging Stations
86	Expansion of Transportation Systems Management & Operations (TSM&O)			Expansion of TSM&O Countywide
87	Indiantown Rd	@ Florida's Turnpike		MCCO Weigh Station Static/WIM
88	Truck Parking			Truck Parking Improvements



EXAMPLES OF TRANSIT IMPROVEMENTS

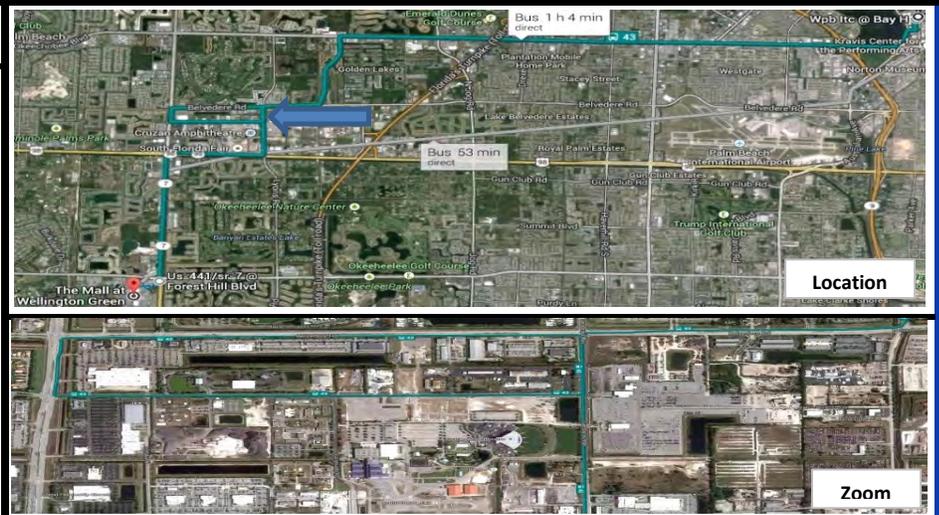


PALM TRAN IMPROVEMENT

EXAMPLE: EXPRESS BUS ON OKEECHOBEE BLVD

Recommendation:

Add an express version of Palm Tran Route 43.

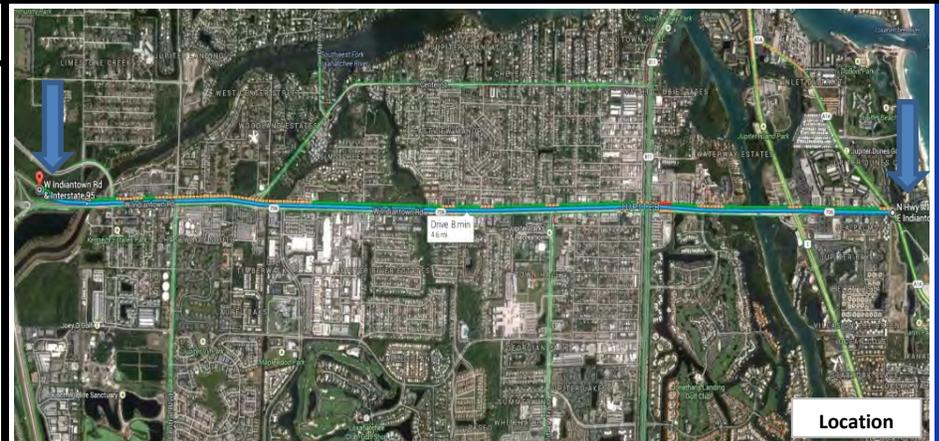


TROLLEY IMPROVEMENT

EXAMPLE: TROLLEY ALONG INDIANTOWN RD BETWEEN I-95 AND THE BEACH

Recommendation:

Add a trolley along Indiantown Rd between I-95 and the beach.



Note: Additional Transit projects include new local bus service, extension of local bus service, increase local bus frequency, etc.

For Informational Purposes Only: These projects are provided as examples only. Actual projects funded in this category will be determined by the MPO Board.

YEAR 2040 PALM BEACH LONG RANGE TRANSPORTATION PLAN
Draft FY 2019-2040 Desires Projects - Transit

No.	Facility Name	From	To	Improvement
1	Boca Raton Shuttle	Boca Raton Tri-Rail Station on Yamato Rd	Mizner Park in Downtown Boca Raton	Serve to Reduce Vehicular Traffic and Associated Parking and Air Quality.
2	Boynton Shuttle	Gateway Blvd at Tri-Rail Station	Congress Ave and Major Shopping and Employment Centers	Free shuttle service for commuters, employees, employers and residents.
3	Parking and Circulation Improvements at Tri-Rail Stations in PBC, incl. from Magnonia Park to Boca Raton.			Planning, Design and Construction
4	Shuttle Bus and Other Station Access			Improve stops, new services incl. improve PBIA direct connection, improve bike/ped/auto programs & access
5	Streetcars			Feasibility Studies: a) WPB, b) Delray Beach, c) Boca Raton
6	Tri-Rail Service			Expand to 20-Min Headways on weekdays
7	Tri-Rail Service			Provide Late Evening Service
8	Tri-Rail Station at 45th St, Mangonia Park	Jai Alai		Station improvements
TRANSIT (PALM TRAN)				
9	45th St	Embarcadaro Dr	East Ave	Additional Bus Benches and Bus Shelters.
10	Boca Downtown Circulator	NE 2nd St	Camino Real	New local bus circulator route
11	Boynton Beach Bus Stops			Various Bus Stops at/near Major Intersections
12	Bus Shelters			Varies Throughout the City of Palm Beach Gardens
13	Develop a program for use of AVL and APC data			
14	Glades Inland Logistic Center Transit	SR 80, SR 715	US 27, FEC Railway	Enhanced Transit Services
15	North and South Bus Facilities Expansion			Design and Construction to Accommodate Expansion
16	North County Circulator			New local bus circulator route
17	Replace Relief Cars with Electric Cars			-
18	Rideshare/subscription taxi program			For Senior Citizens Willing to Give Up Their Cars
19	Westgate Community Shuttle	Westgate	City Place and the Outlet Mall	New Local community shuttle
20	Singer Island Trolley	PB Gardens Mall Parking Lot	Ocean Mall on Singer Island	Phase I Trolley Service
21	Singer Island Trolley	Mangonia Park Tri-Rail Station	Port of Palm Beach	Phase II Trolley Service
22	Route 1 US1			Existing route service improvements
23	Route 2 Congress			Existing route service improvements
24	Route 3 Military			Existing route service improvements
25	Route 4 Haverhill			Existing route service improvements
26	Route 10 Jupiter			Existing route service improvements
27	Route 10 Jupiter	I-95	US 1	Existing route service area extension
28	Route 20 PBG			Existing route service improvements
29	Route 21 Palm Beach Gardens via US1			Existing route service improvements
30	Route 30 Blue Heron			Existing route service improvements
31	Route 33 Australian			Existing route service improvements
32	Route 40 Southern Blvd			Existing route service improvements
33	Route 41 PB Inlet			Existing route service improvements
34	Route 43 Okeechobee			Existing route service improvements
35	Route 44 Belvedere			Existing route service improvements
36	Route 45 WPB/Parker			Existing route service improvements
37	Route 46 Forest Hill			Existing route service improvements
38	Route 47 Pahokee			Existing route service improvements
39	Route 48 South Bay			Existing route service improvements
40	Route 49 Westgate			Existing route service improvements
41	Route 52 Royal Palm Beach			Existing route service improvements
42	Route 60 Palm Springs			Existing route service improvements
43	Route 61 Cresthaven			Existing route service improvements
44	Route 62 Lake Worth			Existing route service improvements
45	Route 62 Lake Worth			Existing route corridor Improvements
46	Route 63 Lantana			Existing route service improvements
47	Route 64 Melaleuca/6th			Existing route service improvements
48	Route 70 Delray			Existing route service improvements
49	Route 71 Boynton Bch/Lawrence			Existing route service improvements
50	Route 73 Boynton Beach			Existing route service improvements
51	Route 80 Delray Bch/Lake Ida			Existing route service improvements
52	Route 81 Atlantic			Existing route service improvements
53	Route 91 Glades Extend			Existing route service improvements
54	Route 92 Palmetto Park			Existing route service improvements
55	Route 94 FAU-Boca			Existing route service improvements
56	ADA Transition Plan Implementation			-
57	Instal AVL on Connection Fleet			



EXAMPLES OF NON-MOTORIZED IMPROVEMENTS



NON-MOTORIZED IMPROVEMENT

EXAMPLE: AUSTRALIAN AVE FROM OKEECHOBEE BLVD TO 45TH ST

Recommendation:

Widening the roadway to provide designated bike lanes.



Location



Zoom

NON-MOTORIZED IMPROVEMENT

EXAMPLE: BOYNTON BEACH BLVD FROM CONGRESS AVE TO N FEDERAL HWY

Recommendation:

Provide designated bike lanes.



Location



Zoom

Note: Additional Non-Motorized projects include adding shoulders, doing detailed corridor studies to determine bike/pedestrians needs, etc.

For Informational Purposes Only: These projects are provided as examples only. Actual projects funded in this category will be determined by the MPO Board.

YEAR 2040 PALM BEACH LONG RANGE TRANSPORTATION PLAN
Draft FY 2019-2040 Desires Projects - Non-Motorized

No.	Facility Name	From	To	Improvement
NON-MOTORIZED				
1	Juana Rd SW	SW 18th St	SW 14th Drive	Add Shoulder
2	13th St NW	15th Ave NW	Glades Rd	Add Shoulder
3	15th St NW	12th Ave NW	10th Ave NW	Add Shoulder
4	18th St SW	Lyons Road	Boca Rio Road	Add Shoulder
		Military	RR Tracks	Add Shoulder
5	2nd Ave N	Congress Ave	Boutwell Rd	Add Shoulder
6	45th St	RR Tracks	Dixie Hwy / Greenwood Ave	Add Shoulder
7	6th Ave S	Congress Ave	Lake Osborne	Add Shoulder
8	Australian Ave N	Palm Beach Lakes Blvd	45th St	Add Shoulder
9	Australian Ave S	N. End of Bridge	Okeechobee Blvd	Add Shoulder
10	Barwick Rd	Atlantic Ave	Lake Ida Rd	Add Shoulder
11	Belvedere Rd	Drexel	Haverhill Rd	Add Shoulder
12	Boutwell Rd	Nortth of 2nd Ave	10th Ave N	Add Shoulder
13	Butts Rd	Town Center Rd	Military Tr	Add Shoulder
14	Camino Real E	Bridge	Ocean Blvd	Add Shoulder
15	Congress Ave S	Executive Center	Palm Beach Lakes Blvd	Add Shoulder
16	Davis Rd	6th Ave S	Lake Worth Rd	Add Shoulder
17	Dixie Hwy N	20th	Hidden Valley	Add Shoulder
18	Haverhill Rd N	Caribbean Blvd	Bee Line Hwy	Add Shoulder
19	Ocean Ave	Bridge	Ocean Blvd	Add Shoulder
20	Overlook Rd	Miner Rd	Hypoluxo Rd	Add Shoulder
21	Palmetto Park Rd W	12th	Dixie Hwy	Add Shoulder
22	Pinehurst Dr	Oakmont	Just south of school	Add Shoulder
23	Prosperity Farms Rd	Inland Cove	Donald Ross	Add Shoulder
24	Purdy Ln	Jog Rd	Haverhill Rd	Add Shoulder
25	Sansburys Way	Southern Blvd	Belvedere Rd	Add Shoulder
26	St Andrews Blvd	Palmetto Park Rd	Yamato Rd	Add Shoulder
27	Spencer	Okeechobee Blvd	Palm Beach Lakes Blvd	Add Shoulder
28	Ellison Wilson Rd	PGA Blvd	Ascott	Add Shoulder
29	10th Ave N	I - 95 East Side	Dixie Hwy	Detailed Corridor Study Needed
30	12th Ave S	I - 95	Dixie Hwy	Detailed Corridor Study Needed
31	18th St SW	Boca Rio Rd	Boca Pointe Dr	Detailed Corridor Study Needed
32	25th St	BRdway	Dixie Hwy	Detailed Corridor Study Needed
33	2nd Ave NW	Spanish River	Yamato	Detailed Corridor Study Needed
34	45th St	Australian Ave	RR Tracks	Detailed Corridor Study Needed
35	6th Ave S	Lake Osborne	Dixie Hwy	Detailed Corridor Study Needed
36	Atlantic Ave	Jog Rd	El Clair Ranch	Detailed Corridor Study Needed
37	Atlantic Ave W	Military Tr	SW 12th Ave	Detailed Corridor Study Needed
38	Australian Ave N	Okeechobee Blvd	Palm Beach Lakes Blvd	Detailed Corridor Study Needed
39	Belvedere Rd	8th Street	Congress Ave	Detailed Corridor Study Needed
		Australian Ave	Parker Ave	Detailed Corridor Study Needed
40	Blue Heron Blvd W	I-95 (East side)	Old Dixie Hwy	Detailed Corridor Study Needed
41	Boynton Beach Blvd W	Congress Ave	NW 2nd St.	Detailed Corridor Study Needed
42	BRdway	24th St	FPL Access Rd	Detailed Corridor Study Needed
43	US Highway 1	11th St	Blue Heron Blvd	Detailed Corridor Study Needed
44	Central Blvd	Church St	Roebuck Rd	Detailed Corridor Study Needed
45	Community Dr	Military Tr	Village Blvd	Detailed Corridor Study Needed
46	Congress Ave S	Roberts Ln	10th Ave N	Detailed Corridor Study Needed
47	Dixie Hwy N	Palmetto Park Road	20th	Detailed Corridor Study Needed
		Ocean Ave	Dixie Hwy / Federal Hwy	Detailed Corridor Study Needed
		Lake Ave	Banyan Blvd	Detailed Corridor Study Needed
		Palm Beach Lakes Blvd	24th Street	Detailed Corridor Study Needed
48	Dixie Hwy S	Camino Real	Palmetto Park	Detailed Corridor Study Needed
		Gregory Road	Forest Hill Blvd	Detailed Corridor Study Needed
		Belvedere Road	Lakeview Ave	Detailed Corridor Study Needed
49	Federal Hwy N	Ocean Ave to Boynton Beach Blvd, Lucerne Ave to Vanderbilt Dr		Detailed Corridor Study Needed
50	Federal Hwy S	Mizener (S)	Palmetto Park Rd	Detailed Corridor Study Needed
51	Flagler Dr N	Lakeview Ave	Quadrille/Flagler Bridge	Detailed Corridor Study Needed
52	Flagler Dr S / Washington	1200 Flagler	Lakeview / Okeechobee Blvd	Detailed Corridor Study Needed
53	Forest Hill Blvd	Haverhill Road	Military Trail	Detailed Corridor Study Needed
		Congress Ave	Florida Mango	Detailed Corridor Study Needed
		I-95	Dixie Hwy	Detailed Corridor Study Needed
54	Gateway Blvd	I-95	Seacrest	Detailed Corridor Study Needed
55	Glades Rd	Jog Rd	Federal Hwy	Detailed Corridor Study Needed
56	Haverhill Rd N	45th St	Caribbean Blvd	Detailed Corridor Study Needed
57	Hidden Valley Blvd W	Country Club Blvd	Federal Hwy	Detailed Corridor Study Needed
58	Indiantown Rd	Turnpike	I-95	Detailed Corridor Study Needed
59	Lake Ave	Dixie Hwy	Federal Hwy	Detailed Corridor Study Needed
60	Lake Worth Rd	Military Tr	Congress Ave	Detailed Corridor Study Needed
61	Lakeview Ave	Rosemary Ave	W Olive	Detailed Corridor Study Needed

YEAR 2040 PALM BEACH LONG RANGE TRANSPORTATION PLAN
Draft FY 2019-2040 Desires Projects - Non-Motorized

No.	Facility Name	From	To	Improvement
62	Lantana Rd	Haverhill Rd	Military Tr	Detailed Corridor Study Needed
63	Military Tr N	Yamato Rd	Clint Moore Rd	Detailed Corridor Study Needed
64	Northlake Blvd	Military Tr	10th A1A	Detailed Corridor Study Needed
65	Ocean Ave (bridge)	West side	East side bridge	Detailed Corridor Study Needed
66	Okeechobee Blvd	Haverhill Rd	Intracoastal Waterway	Detailed Corridor Study Needed
67	Old Boynton Rd	Winchester Park	Congress Ave	Detailed Corridor Study Needed
68	Olive Ave S	Okeechobee Blvd	Lakeview Ave	Detailed Corridor Study Needed
69	Palm Beach Lakes Blvd	Exec Center	Congress Ave	Detailed Corridor Study Needed
		Australian Ave	Olive Ave	Detailed Corridor Study Needed
70	Palmetto Park Rd E	Dixie Hwy	East of (Bridge)	Detailed Corridor Study Needed
71	Palmetto Park Rd W	St. Andrews	12th	Detailed Corridor Study Needed
72	PGA Blvd	Alt A1A	Ellison Wilson	Detailed Corridor Study Needed
73	Prosperity Farms Rd	Burns	Inland Cove	Detailed Corridor Study Needed
74	Quadrille Blvd	Okeechobee Blvd	Olive Ave	Detailed Corridor Study Needed
75	Royal Palm Beach Blvd	40th St	Persimmon	Detailed Corridor Study Needed
76	Royal Palm Way	Olive Ave	N. End Bridge	Detailed Corridor Study Needed
77	Spanish River Blvd NE	Federal Hwy	Airport	Detailed Corridor Study Needed
78	Tamarind Ave S	Okeechobee Blvd	Banyan Blvd	Detailed Corridor Study Needed
79	Toney Penna Drive	Military Tr	Alt A1A/ SR 811	Detailed Corridor Study Needed
80	Town Center Rd	Mall Entrance	Military Tr	Detailed Corridor Study Needed
81	US Highway 1	SR A1A	Alt A1A/ SR 811	Detailed Corridor Study Needed
82	Yamato Rd	Jog Road	St. Andrews	Detailed Corridor Study Needed
		Congress Ave	Federal Hwy	Detailed Corridor Study Needed
83	SR 811/ Alt A1A	Center St	Indiantown Rd	Detailed Corridor Study Needed



EXAMPLES OF FREIGHT IMPROVEMENTS

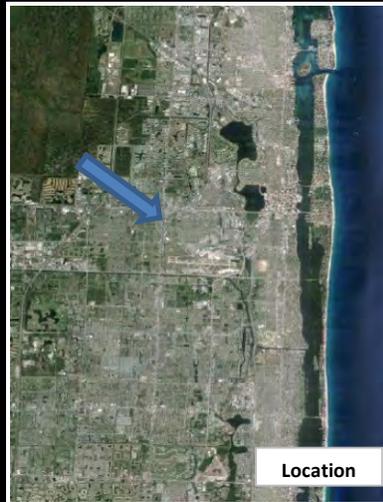


AVIATION IMPROVEMENT

EXAMPLE: PBIA ROADWAY SIGNAGE AND LANDSCAPING

Recommendation:

Provide improved roadway signage and landscaping surrounding the Palm Beach International Airport.



PORT OF PALM BEACH IMPROVEMENT

EXAMPLE: POPB INTERMODAL RAIL IMPROVEMENTS

Recommendation:

Provide on- and off-port intermodal rail improvements at Port of Palm Beach.



Note: Additional Freight projects include cargo expansion, rehabilitation of taxiways, air cargo apron rehabilitation, etc.

For Informational Purposes Only: These projects are provided as examples only. Actual projects funded in this category will be determined by the MPO Board.

YEAR 2040 PALM BEACH LONG RANGE TRANSPORTATION PLAN
Draft FY 2019-2040 Desires Projects - Aviation, Railroad, and Port of Palm Beach

No.	Facility Name	From	To	Improvement
AVIATION				
1	Air Cargo Apron			Rehab & Expansion
2	Air Handler Unit			Replacement
3	Baggage Handling System			Improvements
4	Flooring			Flooring Improvements - Phase 3
5	GAFIS Facility			Facility Improvements
6	Golfview			Infrastructure/Improvements - Phase 2
7	Golfview			Infrastructure/Improvements - Phase 1
8	Roadway Signage and Landscaping			Signage and Landscaping Improvements
9	Runway 10R-28L			Rehab
10	Security			Security Improvements
11	Taxiway			Reconstruction & Rehab
12	Taxiway A			Rehab
13	Taxiway C			Rehab
14	Taxiway C			Drainage Improvements
15	Taxiway R			Relocation/Realignment
16	Terminal Apron & Taxilane			Reconstruction & Rehab
17	Terminal Lighting			Lighting Improvements
18	Terminal Restroom			Improvements - Phase 1
19	Terminal Restroom			Improvements - Phase 2
RAILROAD				
1	Port of Palm Beach			RR Switching Project
2	US 27 Inland Logistics Center Rail Project			Inland Logistics Center Rail Project
3	US 27 Rail corridor			Connect Port of Miami and Port of Everglades; Connect the Future Inland Logistic Center.
PORT OF PALM BEACH				
1	Berth 1			Expansion and Infrastructure Improvement Project
2	Berth 17			Expansion and Infrastructure Improvement
3	Cargo Expansion			Cargo Laydown/Annex Property Development
4	Cargo Storage			Cargo Storage on FP&L Right of Way
5	Container Yard/Bulk			Improvements
6	Dredged Material			Management Planning & Implementation
7	FPL Overhead Line			Relocation
8	Harbor & Channel			Improvements
9	Intermodal Cargo Transfer/Passenger Service Facility			Facility Improvement
10	North Wharf			Improvements
11	Off Port Intermodal Rail			Improvements
12	On Port Intermodal Rail			Improvements
13	Port Security			FY 2011 Port Security Grant Program
14	Slip 1			Redevelopment
15	Slip 2			Redevelopment & Enhancement
16	Slip 3			Redevelopment
17	South Port Complex			Project
18	Tropical Reefer Line			Expansion
19	Waterside Cargo Terminal			Redevelopment
20	Western Cargo Terminal			Redevelopment

Palm Beach Metropolitan Organization Year 2040 Long Range Transportation Plan - Desires Plan Urban Interchange Review

Tier 1 Analysis

		Intersection Type	NB/SB No. of Lanes	EB/WB No. of Lanes	NB/SB 2040 Adjusted Volume	EB/WB 2040 Adjusted Volume	NB/SB+EB/WB 2040 Adjusted Volume	Max At-Grade Criteria	Tier 1: Exceed Max At-Grade Volume?	Vol to Max at Grade Ratio	Comments	To be analyzed in Tier 2
2035 Cost Feasible Plan												
Yes	SR 710/Beeline Hwy & Northlake Blvd	4 Leg	6	4	49,977	32,688	82,665	100,000	No	0.83	Include as special intersection, NB to WB flyover only	No
Yes	SR 7 & Okeechobee Blvd	4 Leg	6	8	41,177	70,381	111,558	140,000	No	0.80		No
Yes	Jog Rd & Okeechobee Blvd	4 Leg	6	8	47,531	80,000	127,531	140,000	Yes	0.91		No
Yes	Military Tr & Okeechobee Blvd	4 Leg	6	8	50,633	85,000	135,633	140,000	Yes	0.97		No
Yes	Palm Beach Lakes Blvd & Okeechobee Blvd	4 Leg	6	8	49,920	88,996	138,916	140,000	No	0.99		No
Yes	SR 7 & Forest Hill Blvd	4 Leg	8	6	80,144	55,890	136,034	140,000	No	0.97		No
2040 LRTP Proposed												
No	Indiantown Rd & Florida's Turnpike On/Off Ramp	"T"	4	6	54,061	66,953	121,014	100,000	Yes	1.21	I-95/Turnpike direct connect addresses this.	No
No	Central Blvd Indiantown Rd	4 Leg	4	6	40,654	60,547	101,201	100,000	Yes	1.01	Barely congested so do not advance to Tier 2. Also, Island Way South provides diversion.	No
No	Forest Hill Blvd/Crestwood Blvd & SR 80	4 Leg	6	6	58,348	80,030	138,378	120,000	Yes	1.15	Evaluate interchange vs. At grade:NB hot right and WB to SB triple lefts.	Yes
No	Congress Ave & 10th Ave	4 Leg	6	4	54,932	48,001	102,933	100,000	Yes	1.03	Barely congested so do not advance to Tier 2.	No
No	Hagen Ranch Rd & Boynton Beach Blvd	4 Leg	4	6	33,298	72,000	105,298	100,000	Yes	1.05	Barely congested so do not advance to Tier 2.	No
No	Glades Rd & Florida's Turnpike On/Off Ramp	"T"	4	6	46,404	70,161	116,565	100,000	Yes	1.17	Evaluate further interchange improvement options.	Yes
No	Jog Rd/Powerline Rd & Glades Rd	4 Leg	4	6	38,260	75,000	113,260	100,000	Yes	1.13	Glades Rd PD&E shows no need for additional capacity.	No
No	St. Andrews Blvd & Glades Rd	4 Leg	4	6	33,266	68,051	101,317	100,000	Yes	1.01	Glades Rd PD&E shows no need for additional capacity.	No

Max At-Grade Volume	
4L + 6L	100,000
4L + 8L	120,000
6L + 6L	120,000
6L + 8L	140,000
8L + 8L	160,000

	Volume to Max at Grade Criteria <1.1
	Volume to Max at Grade Criteria >1.1 and < 1.2
	Volume to Max at Grade Criteria >= 1.2

Tier 2 Analysis

In 2035 CF Plan?	Intersection	Existing 2013 Approach Turn Lanes w/ 2040 Thru Lanes														Total 2040 Daily Intersection Volume	2040 Daily Volume to Approach ratio	Tier 2: Ranking
		NB			SB			EB			WB			Total				
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right					
No	Glades Rd & Florida's Turnpike On/Off Ramp	1	1	1	2	1	1	2	3	1	1	2	1	17	116,565	6,857	1	
No	Forest Hill Blvd/Crestwood Blvd & SR 80	2	2	2	2	3	1	2	3	1	2	3	1	24	138,378	5,766	2	

Tier 3 Analysis

In 2035 CF Plan?	Intersection	Tier 2 Ranking	Quadrants Land Use Resid/Comm/Vacant				ROW Cost (L/M/H)	Community Impact (L/M/H)	Access Impact (L/M/H)	Comment	Tier 3: Recommend Interchange?
			NW	NE	SW	SE					
No	Glades Rd & Florida's Turnpike On/Off Ramp	1	Comm	Comm	Resid	Comm	H	L	H	Show major interchange improvement	Yes
No	Forest Hill Blvd/Crestwood Blvd & SR 80	2	Comm	Comm	Resid	Resid	M	H	L	Seek to add lanes at grade first	No

YAMATO ROAD, AIRPORT/FAU, AND GLADES ROAD AT I-95 SYSTEM INTERCHANGE JUSTIFICATION REPORT Palm Beach County, Florida

SIJR

System Interchange Justification Report

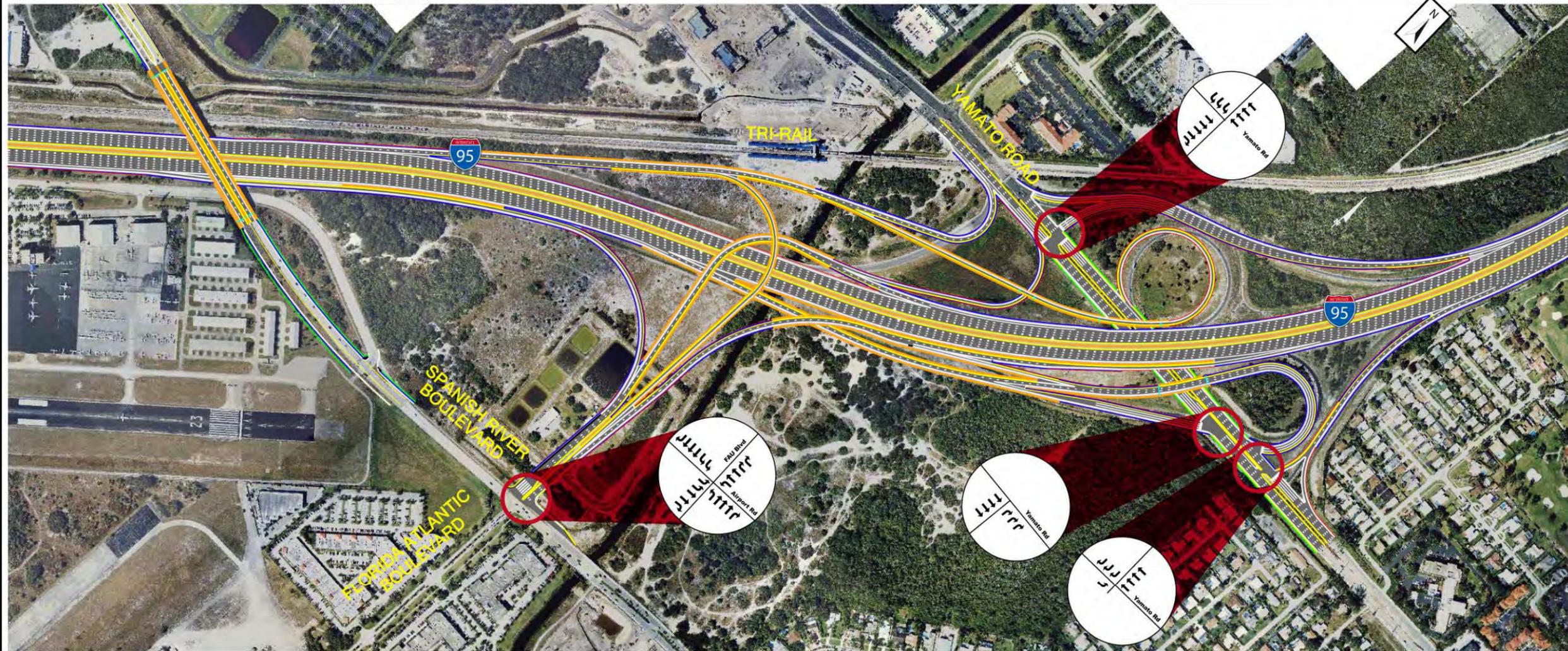
Florida Department of Transportation – District Four

Submitted to:

Patrick Glass
Project Manager
Florida Department of Transportation – District Four
3400 West Commercial Boulevard
Ft. Lauderdale, Florida 33309

October 2006 (April 2008)

I-95 PD&E Study

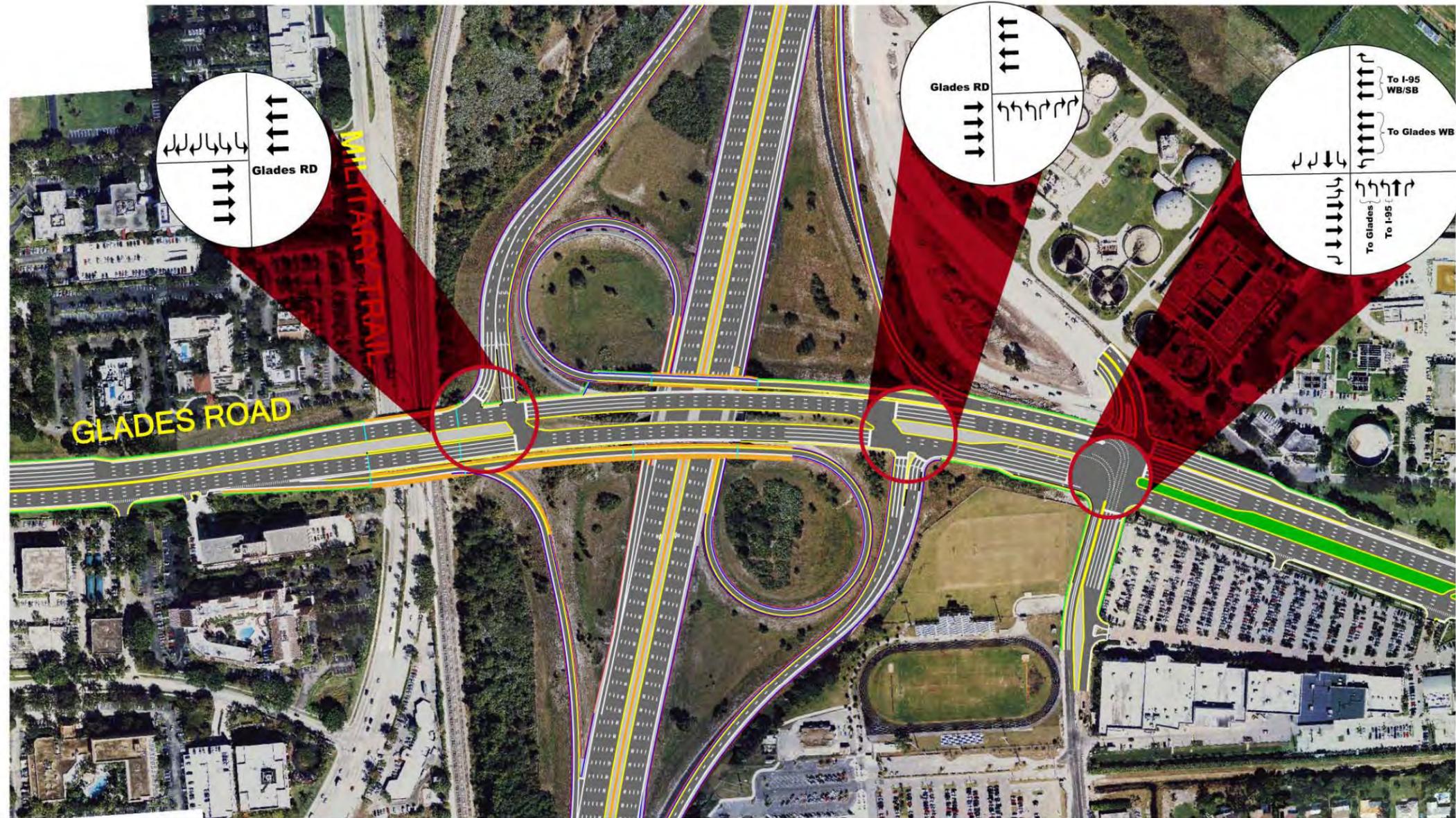


Layout of Proposed 'FAU/Airport' Interchange with Modified Yamato Road Interchange

Figure 9.1



I-95 PD&E Study



Layout of Modified Glades Road Interchange

Figure 9.2



**PALM BEACH
METROPOLITAN PLANNING ORGANIZATION**



TECHNICAL ADVISORY COMMITTEE (TAC)

BYLAWS

**Approved by the MPO
March 20, 2014**

1.0 **COMMITTEE MEMBERSHIP**

The Technical Advisory Committee (TAC) is comprised of representatives of local governments, aviation departments, seaport departments, public transit departments/agencies, the School District of Palm Beach County, and other entities as deemed appropriate by the MPO Board. The representatives should be planners, engineers, and appropriate representatives qualified in the fields of environmental engineering and planning, and other fields of expertise as necessary, to carry out the Transportation Planning process and related planning activities. The MPO Board has final approval of membership in accordance with F.S. 339.175, Section (6)(d).

1.01 Requests for Membership

Requests for membership must be by official action of the municipality, County department or agency to be represented. The said municipality, County department or agency shall submit to the MPO Director a letter requesting representation for consideration and approval by the MPO Board. Following approval of representation, the agency shall submit the nomination of an individual representative (and alternates, if requested) along with a resume describing credentials for consideration and approval by the MPO Board. If an agency designates a representative and alternate, these terms are used interchangeably.

1.02 Term Limits for Members

Members shall serve at the pleasure of the MPO Board for a three year term. Members may be reappointed by the MPO Board and are not required to submit an updated letter of request or resume.

1.03 Officers and Duties

The first regular meeting of the calendar year shall be known as the Annual Meeting at which time the officers for the ensuing year shall be elected from the voting membership.

At its Annual Meeting, the TAC by majority vote of the voting members present, elects a Chair and a Vice Chair who shall serve for one year or until the next Annual Meeting.

The Chair shall preside at all meetings. In the absence of the Chair, or at the Chair's direction, the Vice-chair shall temporarily assume the powers and duties of the Chair. In the absence of the Chair and Vice- Chair, those present shall elect a Chair Pro Tem.

2.00 **QUORUM**

A quorum of the membership is required to hold an official meeting of the TAC and vote on issues for recommendation to the MPO Board. Because an agency may have representation on the committee but no designated representative, quorum is defined as a majority of the designated representatives as of the date of the meeting. If no quorum is present, agenda items needing approval will receive a consensus vote which will be forwarded to the MPO Board.

2.01 Attendance

Designated representatives are expected to attend scheduled meetings on a regular basis. Designated representatives shall be automatically removed for lack of attendance. Lack of attendance is defined as unexcused absence at three (3) consecutive meetings. Further, agencies that do not have a designated representative for three (3) consecutive meetings will be presented to the MPO Board for consideration and removal from the committee.

2.02 Notification of Absences

Any member who intends to be absent from a TAC meeting shall notify the MPO Director or TAC Secretary of their intended absence at least one business day prior to the meeting. Such notified absence shall be considered Excused Absence. Absence at a meeting without prior notification shall be considered Unexcused Absence.

2.03 Record Keeping

It is the responsibility of the MPO staff to maintain records of attendance. When a member has accumulated two (2) consecutive unexcused absences, the member and the MPO Board will be notified in writing that another absence will result in removal from the committee. Upon the third absence, a letter stating the member has been officially removed from the committee will be forthcoming with notification to the MPO Board.

Said member may request reinstatement to the committee by submitting a letter of request to the MPO Director. Reinstatement is subject to approval by the MPO Board.

3.00 **TAC MEETINGS**

TAC members will receive an annual calendar of meeting dates in November each year for the upcoming year.

3.01 Meeting Dates

The TAC will meet monthly on the first Wednesday at 9:00 a.m. unless otherwise notified.

3.02 Agenda and Backup Materials

There shall be an official agenda for every meeting of the TAC which shall determine the order of business to be conducted at the meeting. The agenda shall be prepared by the MPO Director. Matters may be placed on the agenda by the Chair, or any member upon approval of the MPO Director.

An Agenda Package containing an Agenda and backup information for items listed on the Agenda will be mailed or emailed (depending on the member's preference) to the TAC members. To the extent possible, the package will be distributed seven (7) days prior to the meeting.

TAC Members may contact the MPO Director to request an item be placed on a meeting agenda two weeks prior to an upcoming meeting. Inclusion of the item on the Agenda will be at the discretion of the MPO Director.

3.03 Meeting Minutes

The Minutes of all TAC meetings shall be approved by a majority of the members present and upon such approval become the official Minutes. A record of meeting Minutes shall be maintained in the MPO office.

3.04 Meeting Cancellations

The TAC monthly meeting may be cancelled at the discretion of the MPO Director. Cancellation notice will be sent to all members one week prior to the meeting.

3.05 Matters by the Public

Citizens are encouraged to attend the TAC meetings and voice any transportation concerns they may have. Each citizen will be given three (3) minutes to speak on any transportation issues.

4.00 **RESPONSIBILITIES AND FUNCTIONS**

The TAC serves in an advisory capacity to the Palm Beach MPO to provide technical review, comments and recommendations on specific transportation plans, programs, studies, and other appropriate documents and regional transportation issues. The TAC shall address other matters and concerns when directed by the MPO. It shall be the function of the TAC to:

4.01 Assist the MPO in formulation of their goals and objectives.

4.02 Provide technical review of the preliminary findings and make recommendations to the MPO regarding:

Mobility studies and reports proposed or underway

Proposed Transportation Improvement Program (TIP), Unified Planning Work Program, Long Range Transportation Plan (LRTP) and Air Quality Planning and amendments

Position statements regarding general plan proposals and means to implement plans

Priority recommendations for program implementation based upon the needs as determined by technical studies, or upon the fiscal feasibility of projects

5.00 **REGIONAL TAC ACTIVITIES**

The TAC shall review and provide recommendations regarding any regional transportation projects that involve Miami-Dade, Broward and Palm Beach counties. These recommendations and findings shall be transmitted to the MPO for consideration through the MPO Director.



**PALM BEACH
METROPOLITAN PLANNING ORGANIZATION**

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Summary Points of the March 20, 2014 MPO Board Meeting

PDF versions of all presentations are available for review at

<http://www.palmbeachmpo.org/committees/agenda.htm>

1. REGULAR ITEMS

F. Comments from the Chair

The Chair had no comments at this time.

G. Executive Directors Report

Mr. Uhren reported on the following activities:

- Accepted an invitation to the Palm Beach Zoo to discuss their efforts in reducing their carbon footprint.
- Attended the opening of the Jog Rd. extension between Northlake Blvd and the Turnpike.
- Attended a meeting for the US 1 Bridge which is scheduled for construction in FY 16.
- Attended the March 19th meeting of the COWBRA delegates.
- Was the guest speaker at the March Greater Lantana Chamber of Commerce.
- As part of Leadership Palm Beach County of which he is co-chair, Mr. Uhren will lead Transportation Day on April 9. A portion of the day will take place on a Tri Rail train car stopped at West Palm Beach layover facility.
- Attended the kickoff meeting for the FEC Quiet Zone TIGER grant application. The Whitehouse Group consulting firm will be writing the application lead by Mr. Todd Brauer.
- Will travel to Washington, D.C. on April 10 with MPO Chair and Boca Raton Mayor-Elect Susan Haynie and West Palm Beach Commissioner Shanon Materio to provide additional information for the TIGER grant application.
- Treasure Coast Regional Planning Council executive director Michael Busha recently sent a letter to the Governor, the Florida legislators and congressional delegation regarding All Aboard Florida (AAF).

H. Consent Agenda Items

The MPO Board unanimously approved appointment renewals for two members to the Transportation Disadvantaged Local Coordinating Board and certified the current membership. They also approved travel for board members to go Washington, D.C.

I. General Comments and Public Comments on Action Items

Former Boynton Beach Vice Mayor and MPO board member Woodrow Hay expressed his thanks for the certificate of appreciation given to him for his service to the MPO and encouraged the Board to keep up the good work.

Village of Tequesta (Village) Mayor Abby Brennan expressed her concern for the AAF project and the Loxahatchee River Bridge.

Richard Radcliffe, Director of the League of Cities reported that on March 14 he attended a meeting with United States Representative Lois Frankel and local mayors from her district to discuss the AAF project. Representative Frankel suggested the cities apply for an Economic Development Administration (EDA) grant to evaluate the impact of the AAF project.

Mr. Radcliffe informed the board that the FEC technical and legal committees continue to work with the AAF.

2. ACTION ITEMS

A. Appointment to the Citizens Advisory Committee

The board unanimously approved Mr. Andre´ Varona nominated by Vice Mayor Paulette Burdick, as a new member to the Citizens Advisory Committee.

B. Technical Advisory Committee Membership and Appointments

1. The board unanimously approved membership to the City of Greenacres on the Technical Advisory Committee.
2. The board unanimously approved Mr. Thomas Lanahan to represent the City of Greenacres on the Technical Advisory Committee.
3. The board unanimously approved Mr. Alex Hansen to represent the City of West Palm Beach's Planning Department on the Technical Advisory Committee and Ms. Denise Malone as his alternate. The board also unanimously approved Ms. Miranda Beadles as the alternate for the City of West Palm Beach's Engineering Department.

C. Approval of Amendment #1 to the adopted 2035 Long Range Transportation Plan

The board unanimously approved an amendment to the adopted 2035 Long Range Transportation Plan (2035 LRTP) to add the Northwood Connector Track as a cost feasible project.

D. Transmittal of the draft FY 15-16 Unified Planning Work Program

The UPWP is a statement of work identifying the planning priorities and activities to be carried out within a metropolitan planning area. The UPWP includes a description of the planning work and resulting products, who will perform the work, time frames for completing the work, the cost of the work, and the source(s) of funds. It is essentially a business plan and budget for the MPO.

The estimated cost of the Program is approximately \$2M per year. Federal, State and local sources provide the funding with federal funds comprising over 75% of the total and local funds less than 3%. The board unanimously agreed to transmit the draft FY 15-16 Unified Planning Work Program for the Palm Beach MPO to the reviewing agencies.

E. Approval of the FY 15 Palm Beach MPO Operating Budget

The board unanimously approved the FY 15 Palm Beach MPO Operating Budget for submittal to the County including a request for two additional staff members for the MPO.

F. Approved Advisory Committee Bylaws

1. The board unanimously approved changes to the Citizens Advisory Committee (CAC) Bylaws. The changes provide clarity and significantly mirror the MPO's other advisory committees bylaws.
2. The board unanimously approved the Technical Advisory Committee (TAC) Bylaws.
3. The board also unanimously approved the deletion of Chapter 35 0-3 of the Rules of the MPO of Palm Beach County for the West Palm Beach Urban Study Area last revised May 1986, and deals with MPO committees.. The 1986 document outlines the organization structure, responsibilities and operating rules for the MPO Board and its committees. Approval of this item deleted all conflicting regulations for the committees.

3. INFORMATION ITEMS

A. 2040 Long Range Transportation Plan- Preliminary Needs Plan

Leftwich Consulting Engineers (LCE) provided a brief overview of the anticipated levels of roadway congestion and major improvements identified to address them.

B. Correspondence -

City of Boca Raton Resolution NO. 26-2014

The MPO received a resolution from the City of Boca Raton requesting that the MPO remove/modify a number of projects within their city limits from consideration during the development of the 2040 LRTP.

Transportation Regional Incentive Program (TRIP) Funds

The MPO received a letter from the Florida Department of Transportation (FDOT) announcing the start of the TRIP cycle.

Port of Palm Beach Representative

The Port of Palm Beach has notified the MPO that Commissioner Edward R. Oppel had been renewed as their representative on the MPO for 2014.

SR-7 Corridor Extension Project Development and Environmental Study

Previously the MPO requested a shared-use path be added along the east side of the SR-7 Corridor extension from Okeechobee Blvd to Northlake Blvd. The FDOT has responded that the 12-ft. wide shared-use path previously considered was replaced by sidewalks on both sides of the road to help balance the concerns of the U.S. Fish and Wildlife Service and other permitting agencies.

4. ADMINISTRATIVE ITEMS

A. Member Comments

B. Next Meeting

The next scheduled meeting will be held on Thursday, April 17, 2014 at 9:00 A.M. in the 12th Floor McEaddy Conference room of the Palm Beach County Governmental Center in West Palm Beach. The public is always welcome to attend and learn how their transportation tax dollars are put to use.