

TRAFFIC MANAGEMENT OPERATIONS COMMITTEE

10:00 a.m., Thursday, February 13, 2014
Lee County Property Appraisers Office
3rd Floor Conference Room, 2480 Thompson Street,
Fort Myers, FL 33901,
239-244-2220



AGENDA

Call to Order

Roll Call

Public Comments on Items on the Agenda

Approval of Minutes

1. *Minutes from the October 9, 2013 TMOC Meeting

New Business

2. Election of New Officers (Ron Gogoi)
3. Presentation of CTST Intersection Reviews (Steve Jansen)
4. Input on the List of Roundabout Feasibility Study Locations to Begin Project Scoping (Don Scott)
5. Recommendation of Preliminary CMS Priorities for FDOT's New Work Program (Ron Gogoi)

Old Business

6. Update on the Lee County ATMS and Caloosahatchee Bridge IMS Projects (FDOT)
7. Summary of Bicycle Pedestrian Crash Statistics (Don Scott)
8. Update on Commuter Service (Christine Diaz)

Other Business

9. Public and Member Comments on Items not on the Agenda
10. Local Government Reports
11. FDOT Report
12. Announcements
13. Topics for next meeting
14. Information and Distribution Items

Adjournment

*Action Items +May Require Action

All meetings of the Lee County Metropolitan Planning Organization (MPO) are open to the public. In accordance with the Americans with Disabilities Act, any person requiring special accommodations to participate in this meeting should contact Mr. Johnny Limbaugh at the Lee MPO 48 hours prior to the meeting by calling (239) 330-2242; if you are hearing or speech impaired call (800) 955-8770 Voice / (800) 955-8771 TDD. Or, e-mail jlimbaugh@leempo.com.

The MPO's planning process is conducted in accordance with Title VI of the Civil Rights Act of 1964 and related statutes. Any person or beneficiary who believes he has been discriminated against because of race, color, religion, sex, age, national origin, disability, or familial status may file a complaint with the Florida Department of Transportation District One Title VI Coordinator Robin Parrish at (863) 519-2675 or by writing her at P.O. Box 1249, Bartow, Florida 33831.

MINUTES OF THE TRAFFIC MANAGEMENT AND OPERATIONS COMMITTEE

Held on October 9, 2013

CALL TO ORDER AND ROLL CALL

The meeting of the Traffic Management and Operations Committee was held on October 9, 2013 at the Cape Coral City Hall, Room No 220A, Cape Coral, Florida.

MEMBERS PRESENT

City of Cape Coral	Gary Gasperini
City of Fort Myers	Marinko Gnjudic
City of Fort Myers Beach	Josh Overmyer
Lee County DOT	Steve Jansen
CTST	Jay Anderson
LCSO	Lt. Donnie Fewell
Wayne Gaither	LeeTran

Those also in attendance included: Ron Gogoi and Don Scott with Lee County MPO; Debi Stephen and Ricky Caines with FDOT; Christine Diaz with Commuter Services; Jason Sandt with Fort Myers PD; and Ravi Devaguptapu and Megan Mecham with FTE;

APPROVAL OF MINUTES

Agenda Item #1 – Minutes from the August 14, 2013 TMOC Meeting

MR. OVERMYER MOVED AND MR. GAITHER SECONDED TO RECOMMEND APPROVING THE MINUTES FROM THE AUGUST 14, 2013 TMOC MEETING. MOTION CARRIED UNANIMOUSLY.

Agenda Item #2 – Approval of the 2012 Congestion Monitoring Report

Mr. Gogoi reported that with the completion of the “*The State of the System (SOS) Report*” which evaluated the condition of the Lee County transportation network and reported system trends, the 2012 Congestion Monitoring Report was complete, and he asked the committee to approve the Report.

MR. ANDERSON MOVED AND MR. OVERMYER SECONDED THE APPROVAL OF THE 2012 CONGESTION MONITORING REPORT. MOTION CARRIED UNANIMOUSLY.

Agenda Item #3 – Findings and Recommendations From the Video Detection Analysis

Mr. Gogoi reported that the MPO’s consultant, FTE Inc., worked on a project that examined existing traffic cameras – Aldis and Autoscope Solo Terra - at specific signalized intersections in Lee County for their ability to count vehicular, bicycle and

pedestrian traffic and to also measure the ability of the cameras to detect bicyclists on the travel lanes and crosswalks. Since technical issues made collection of data difficult, the analysis could not be carried out properly. Discussion ensued on the possibility of the MPO contracting out work orders for conducting traffic counts on specific corridors using Miovision cameras, and the ability of such cameras to distinguish vehicle types to determine truck counts. Mr. Jansen mentioned that the Aldis cameras were used by the County at certain locations for bicycle pedestrian detection but their reliability could not be ascertained.

Agenda Item #4 – Identification of CMS projects for Next Round of MPO Funding

Mr. Gogoi and Mr. Jansen presented a list of potential congestion management and safety projects for tapping into MPO's Multimodal Enhancement Box funds during the 2014 funding cycle. They identified the projects from this list that the MPO and the County would be submitting applications for Box funds including improvements at the intersection of Fowler and Colonial, installing a 4 section head flashing yellow for northbound lefts on Del Prado at SE 6th St, purchase and installation of PZT and BlueTOAD cameras, and purchase and installation of Pedestrian Access Signals Countywide. Mr. Gnjidic suggested adding a project to install a SB right turn lane on US 41 to Llwellyn Drive to mitigate traffic backups in AM and afternoon peak hours. Mr. Jansen pointed out that the improvement would impact existing 4f property. Mr. Gnjidic also suggested a project on the intersection of Edison and Ford Street to address congestion during school start and dismissal times. He also called for a protected/permissive left turn traffic signal phasing at the intersections of SR 82 and Cranford, and SR 82 and Palm Avenue. Both intersections currently have a traffic signal with permissive left turns on 82 to Cranford Street and Palm Avenue.

Agenda Item #5 – Truck Routing Plan Update

Mr. Scott reported that the Estero community had been raising concerns about the volume and frequency of sand trucks that will be using Corkscrew Road to furnish sand to Collier County. He reported that Citizens Advisory Committee of both Lee and Collier MPOs wrote a joint letter to the County Commissioners in both counties to explore additional routing options. The truck volumes added to the already large number of school buses accessing the neighborhoods off of Corkscrew Road.

Lt. Fewell mentioned that the Lee County Sheriff Deputies will be monitoring the speeds of the sand trucks on Corkscrew Road.

OLD BUSINESS

Update on Bicycle Pedestrian Safety Action Plan

Mr. Scott shared input and feedback on the Bicycle and Pedestrian Action Plan obtained at the September 20th MPO Board meeting with the committee.

Update on Commuter Service

Ms. Diaz gave an overview on commuter service outreach activities in Lee, Collier and Charlotte Counties. Lee County has 4,349 registered commuters and 33 partners. She

reported that the Arthrex office in Naples relocated to Fort Myers, and expanded by opening a new office in Ava Maria. This resulted in the formation of a new vanpool service to facilitate commuting from Naples to Fort Myers. She also reported that several employers in Lee County received the 2013 Gold Level Partners award.

OTHER BUSINESS

Agenda Item #8 – Public and Member Comments on Items not on the Agenda

None.

Agenda Item #9 – Local Government Reports

None

Agenda Item #10 – FDOT Report

None.

Agenda Item #11 – Announcements

None.

Agenda Item #12 – Topics for next meeting

None.

Agenda Item #13 – Information & Distribution Items

None.

ADJOURNMENT

The meeting was adjourned at 3:30 pm.

ELECTION OF OFFICERS

RECOMMENDED ACTIONS: Call for nominations for Chairperson and Vice-Chairperson.

The TMOC bylaws call for the election of a Chairperson and Vice-Chairperson at the first regularly scheduled meeting of the year. Any voting member or his alternate may nominate another voting member to be an Officer. Nominees should be primary members who attend meetings on a regular basis and are as follows:

David Liccardi	City of Bonita Springs
Gary Gasperini	City of Cape Coral
Marinko Gnjidic	City of Fort Myers
Josh Overmyer	Town of Fort Myers Beach
Steve Jansen	Lee County DOT
Susan Hopwood	Lee County DOT-Toll Facilities Section
Wayne Gaither	LeeTran
Gerald Campbell	Lee County Emergency Management Program
Ben Abes	Lee County Emergency Medical Services
Tom Nichols	Lee County Port Authority
Roger Lloyd	Lee County School District
Sergeant Patrick O Grady	Cape Coral Police Department
Lt. Donnie Fewell	Lee County Sheriff's Office
Dan Moser	Bicycle Pedestrian Coordinating Committee
Jay Anderson	Lee County Community Traffic Safety Team

Any member who would be unable to fulfill the duties of an officer should so state before nominations are taken or notify the staff before the meeting if they are unable to attend. Any alternate member who attends meetings regularly, who would be willing to serve as an officer, may bring a letter to the meeting from his or her agency's director, appointing him or her as the agency's primary TMOC representative (in which case a new alternate member should also be appointed at the same time).

Steve Jansen is the current Chair and Jay Anderson is the current Vice-Chair.

CTST INTERSECTION REVIEWS

RECOMMENDED ACTION: No action required. This is an information and discussion item.

The Lee County Community Traffic Safety Team (CTST) conducted field reviews at two intersections since October 2013 for safety and operational deficiencies. They include the intersections of Crystal Drive and Beacon Manor Drive and US 41 and Crystal Drive. Intersection reviews typically result in recommendations addressing deficiencies which are then transmitted to FDOT or the local jurisdictions for action. TMOC member Steve Jansen will present the results of these intersection reviews at the February 13th TMOC meeting.

REVIEW AND PROVIDE INPUT ON THE LIST OF ROUNDABOUT FEASIBILITY STUDY LOCATIONS TO BEGIN SCOPING THE PROJECT

RECOMMENDED ACTION: Review and provide input on the attached list of roundabout feasibility study locations prior to developing the scope of the project.

Back in 2012, the MPO Board had a presentation on roundabouts by Michael Wallwork and as part of developing that agenda item, staff developed a list of existing, planned and proposed roundabouts. At that time, the list was vetted through the Committee's and the Board for review and comment. Based on the Board's discussion following the presentation, staff included a transportation priority last year seeking planning funds to study the feasibility of implementing the list of roundabouts that were identified as planned. This project has now received funding for this next fiscal year (starting July 1, 2014) and staff needs to start working on the scope of work for the project. The \$400,000 in funding that is in the work program is an estimate that was based on the original list, which has been revised following TAC and CAC input from their January meetings. Staff is seeking input on the revised list (attached) prior to developing a scope of work for the feasibility study and bringing it through the Committees and Board for approval.

PROPOSED ROUNDABOUTS IN LEE COUNTY

Attachment 1

#	Intersection	Location	Ownership	Planned	Other Proposal	Comments
1	Homestead @ Alabama Rd	Lehigh Acres	Lee County BOCC	X		These three Lehigh Acres projects are identified in the Planning Infrastructure Plan and will be built during the implementation of that Plan
2	Homestead @ Beth Stacey Rd	Lehigh Acres	Lee County BOCC	X		
3	Homestead @ S Loop Rd	Lehigh Acres	Lee County BOCC	X		
1	Buckingham @ Cemetary Rd	Buckingham	Lee County BOCC		X	Added at Jan 9th TAC meeting
2	Buckingham @ Gunnery Rd	Lehigh Acres	Lee County BOCC		X	Added at Jan 9th TAC meeting
3	West Terry St @ Old 41	Bonita Springs	City of Bonita Springs		X	Added at Jan 9th TAC meeting
4	Larchmonte Ave @ McGregor	Fort Myers	City of Fort Myers	X		Project identified in Fort Myers Downtown Mobility Plan
5	Altamonte @ West First Street	Fort Myers	City of Fort Myers	X		Project identified in Fort Myers Downtown Mobility Plan
6	Edison@Broadway	Fort Myers	City of Fort Myers	X		Project identified in Fort Myers Downtown Mobility Plan
7	McGregor@Barcelona	Fort Myers	City of Fort Myers	X		Project identified in City of Fort Myers Traffic Calming Plan
8	Lee St/MLK	Fort Myers	FDOT	X		Project identified in Fort Myers Downtown Mobility Plan
9	Seaboard @ 1st St (SR 80)	Fort Myers	FDOT	X		Project identified in Fort Myers Downtown Mobility Plan
10	Joel Blvd @ SR 80	Lehigh Acres/Alva	FDOT		X	
11	US 41 Ramps @ MLK/Main St/McGregor	Fort Myers	FDOT	X		Project identified in Fort Myers 2010 Downtown Plan
12	Estero Blvd @ Times Square	Fort Myers Beach	Lee County BOCC		X	This may need to be removed pending confirmation of current County project
13	Winkler Ave Ext @ Challenger Pkwy	Fort Myers	City of Fort Myers		X	
14	Colonial Blvd @ McGregor Blvd	Fort Myers	FDOT		X	
15	New York/Tice St @ SR 80	Fort Myers	FDOT		X	Added at Jan 9th TAC meeting
16	Ortiz @ Tice St	Fort Myers	Lee County BOCC		X	Added at Jan 9th CAC meeting

NOTES:

Projects shown in ~~strikethrough~~ were removed at the request of LCDOT at the January 9th TAC meeting
 Projects shown in **red** and in **boldface** were added at either the January 9th TAC or the CAC meeting
 Projects are **not** shown in any priority order

RECOMMENDATION OF PRELIMINARY PRIORITIES FOR CONGESTION MANAGEMENT FUNDS

RECOMMENDED ACTION: Recommend preliminary priorities for congestion management funds.

Over the years FDOT has been funding congestion management projects and programs through Lee MPO's Multi-modal Enhancement 'Box' Funds. These funds are derived from Lee MPO's allocation of Transportation Management Agency funds for metropolitan areas over 200,000 population. The Box funds for one particular year are split among congestion management (approximately over 1 million), bicycle pedestrian (approximately \$2.5 million) and transit (\$1.5 million) projects.

For this funding cycle leading to development of this year's FDOT's Work Program, only 3 project pre-applications (attached) were submitted for constructability review to FDOT. These projects include the following:

- Reconfigure the intersection of Fowler and Colonial to accommodate two northbound free flow continuous right turn lanes on Fowler Avenue to eastbound Colonial Boulevard, and change the outermost shared northbound through and right turn lane to a through lane only.
- Purchase, delivery and installation of 10 Accessible Pedestrian Signals over a period of 5 years.
- Purchase, delivery and installation of 20 traffic monitors to expand the existing BlueTOAD system over a period of 5 years. The monitors facilitate monitoring travel speeds on State, County and City roads.
- Purchase, delivery and installation of 25 Pan Zoom and Tilt (PZT) cameras over 5 years (5 per year).

Typically, if there is more than 1 CMS project, then priorities have to be recommended to the MPO Board by the TMOC in June. FDOT is now asking for preliminary priority recommendations so that they can focus their reviews for constructability feasibility on the first few projects early on in the process. The TMOC will be asked to recommend preliminary priorities at the February 13th meeting.

6. Date project was endorsed by local jurisdictional board/council. Provide meeting minutes:
7. Is the project, as described above, included in the Metropolitan/Transportation Planning Organization's (M/TPO) Financially Feasible Long Range Transportation Plan:
 - Yes No N/A If yes, provide page #: _____ If N/A, provide explanation: Use of these cameras are part of the ITS devices/deployments addressed in CMP strategies in the Transportation System Management of the Lee MPO's Congestion Management Process, and the CMP Technical Memorandum (Page 17) of the MPO's LRTP. This project will be compatible with the Lee County ATMS project and the Lee County ITS plan
 - If no, the project cannot be considered at this time.**
8. Is the project in the local jurisdictions adopted Capital Improvement Plan: Yes No If yes, provide a copy.
9. Is the applicant LAP certified? Yes No If yes, is the applicant interested in completing this project via the LAP? The project will require purchase and delivery of the devices in the year funds are programmed, and installation of the devices. The purchase, delivery and installation of the devices should not require any LAP contract, but may require some other form of interlocal agreement between FDOT and LCDOT .

Constructability Review: (For items 3-8 provide labeled & dated photos)

1. Are there any other projects programmed (local, state or federal) that overlap the project limits? Yes No If yes, provide details, including but not limited to, project scope and schedule.
2. Does the applicant have an adopted ADA transition plan? Yes No
3. Identify areas within the project limits that will require ADA retrofit. NA
4. Bus Stops/Shelters/Benches: (Number, type, etc.) NA
5. Drainage Structures: (Number of Culverts or Pipes currently in place; type, replace, extend, etc. How do you intend to accommodate existing drainage?) NA Does this project fall within an area covered by a stormwater master plan? Yes No If yes, provide a copy of the plan.
6. Any excavation greater than one foot below land surface? Yes No If yes, provide locations.
7. Utilities: Yes No If yes, list specific utilities within project limits and any conflicts. NA
8. Bridges within project limits: Yes No If yes, can the existing bridge accommodate the proposed improvements? Yes No
9. Right-of-way (Existing Width) See letter E under "Required Documentation": NA
10. Additional Right-of-way/Easement Required: Yes No **If yes, the project is not eligible at this time.** If right-of-way was previously acquired, please provide documentation supporting process consistent with 49 CFR Part 24 was followed.
11. Is there a railroad within the project limits: Yes No **If yes, the project cannot be considered.**

For items 12-18, if the answer is yes, please provide additional details including the method by which the information was obtained. If the answer is no, please note how this conclusion was drawn. You may want to visit <https://etdmpub.flas-etat.org/est/> for additional resources.

12. Are there any permits required: Yes No
13. Are there any wetlands within the project limits: Yes No
14. Is there any critical habitat within the project limits: Yes No
15. Are there any endangered species within the project limits: Yes No
16. Is a historic survey required: Yes No
17. Is Recreation or 4(f) property within/adjacent to the project limits? Yes No
18. Are there any contamination areas within the project limits: Yes No

19. Additional Information:

Required Attachment Checklist:

- A – Project Location Map
- B – Dated & Labeled Pictures of the project
- C – Detailed Cost Estimate including pay items
- D – Local Capital Improvement Program (if applicable)
- E – Survey/As-builts/ROW documentation (provide enough detail to show that adequate right-of-way exists for the proposed improvement)
- F – Project Acquisition Process (if applicable)
- G – Meeting Minutes (if applicable)

Certification

Name of Applying Agency: Lee County DOT
Contact Person (Name & Title): Steve Jansen, Senior Engineer
Email: jansensj@leegov.com
Phone: 239 533 8503
Mailing Address: 1500 Monroe Street, Fort Myers, FL 33901

Your signature indicates that the information included with this application is accurate.

Signature: _____ **Date:** 1/31/2014

Name of Maintaining Agency: Lee County DOT
Contact Person (Name & Title): Steve Jansen, Senior Engineer
Email: jansensj@leegov.com
Phone: 239 533 8503
Mailing Address: 1500 Monroe Street, Fort Myers, FL 33901

Your signature indicates your concurrence with the information provided within this application and your agency's willingness to allow this improvement within your right-of-way and enter into the appropriate Local Agency Program (LAP) or maintenance agreement as applicable.

Signature: _____ **Date:** 1/31/2014

If the project is located within a M/TPO area, a M/TPO representative must fill in the required information below:

Name of M/TPO: Lee County MPO
Contact Person (Name & Title): Ron Gogoi, Transportation Planning Administrator
Email: rgogoi@leempo.com
Phone: 239 330 2239
Mailing Address: P.O. Box 150045, Cape Coral, FL 33915

Your signature indicates the MPO has reviewed the application for consistently with all applicable adopted plans as well as program requirements.

Signature:

Date: 1/31/2014

For FDOT Use Only:

Application Complete Yes No

Project Eligible Yes No

Implementation Feasible Yes No

Recommend Programming Yes No

Liaison _____

LAP Coordinator _____

Production Staff _____

SWAO Director (if applicable) _____

Director of Production _____

Acronyms

ADA – Americans with Disabilities Act

CEI – Construction Engineering and Inspection

CFR – Code of Federal Regulations

LAP – Local Agency Program

M/TPO – Metropolitan/Transportation Planning Organization

PD&E – Project Development and Environment

PE – Preliminary Engineering

ROW – Right-of-Way

Resources

Project Development and Environment (PD&E) Manual

<http://www.dot.state.fl.us/emo/pubs/pdeman/pdeman1.shtm>

Local Agency Program (LAP) Manual

http://www.dot.state.fl.us/projectmanagementoffice/LAP/LAP_TOC.shtm

Project Information

1. Project Category (Choose at least one): M/TPO Box Transportation Alternatives Other (If other, please indicate funding source being sought. SU Funds)
2. Project Name (Street Name): BlueTOAD Traffic Monitors
3. Project Limits (From & To) (if not at an intersection, use logical termini): Countywide
4. **Detailed** project description including but not limited to lane width; design – rural or curb & gutter; shoulder width, paved or grass; signals; median width, painted, grass or raised, etc.

a. Existing Conditions including any construction obstacles (**provide labeled and dated pictures**):
 Project Description: Purchase and install 20 (4 per year for 5 years) BlueTOAD traffic monitors to track travel speed on State, County, and City arterial streets. ~~The applicant is seeking a total of \$25,000 per year or \$250,000 over 5 years.~~ The request is for \$40,000 per year or \$200,000 over 5 years.

Existing Scenario: The County currently has 15 BlueTOAD devices collecting travel time data on some major streets. The Lee DOT has plans to install 6 to 8 more in the next year, primarily to cover the County bridges. See Exhibit A showing speed map on corridors with existing BlueTOADs in Lee County.

b. Proposed Improvements (including how you will address any construction obstacles):
 The proposed expansion of the program will permit the Lee County TOC to monitor travel times on the State and city arterial streets in addition to expanding coverage of the County arterials. With up to the minute knowledge of travel time, the TOC operators can identify signal operation issues and traffic incidents and adjust the signal system accordingly to reduce delay. The units would be installed on US 41, SR 739, SR 80, CR 884, Bonita Beach Road, and other arterial streets.

5. Cost Estimate by Phase:

	Planning Study	PD&E	Design (PE)	ROW	Construction	CEI
Cost Estimate (Present Day Cost)	Cost Estimate a. The cost of the units is estimated at \$5,000 each b. The cost of installation is estimated at \$5,000 each c. For a total of \$40,000 per year or \$200,000 over five years.					
Fiscal Year Funding Available						
Phase Status	<input type="checkbox"/> Not Started <input type="checkbox"/> 30% <input type="checkbox"/> 60% <input type="checkbox"/> 90% <input type="checkbox"/> Complete <input type="checkbox"/> N/A	<input type="checkbox"/> Not Started <input type="checkbox"/> 30% <input type="checkbox"/> 60% <input type="checkbox"/> 90% <input type="checkbox"/> Complete <input type="checkbox"/> N/A	<input type="checkbox"/> Not Started <input type="checkbox"/> 30% <input type="checkbox"/> 60% <input type="checkbox"/> 90% <input type="checkbox"/> Complete <input type="checkbox"/> N/A	<input type="checkbox"/> Not Started <input type="checkbox"/> 30% <input type="checkbox"/> 60% <input type="checkbox"/> 90% <input type="checkbox"/> Complete <input type="checkbox"/> N/A	<input type="checkbox"/> Not Started <input type="checkbox"/> 30% <input type="checkbox"/> 60% <input type="checkbox"/> 90% <input type="checkbox"/> Complete <input type="checkbox"/> N/A	<input type="checkbox"/> Not Started <input type="checkbox"/> 30% <input type="checkbox"/> 60% <input type="checkbox"/> 90% <input type="checkbox"/> Complete <input type="checkbox"/> N/A
Funding Type (Local, State or Federal)	<input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Local	<input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Local	<input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Local	<input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Local	<input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Local	<input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Local

6. Date project was endorsed by local jurisdictional board/council. Provide meeting minutes:

7. Is the project, as described above, included in the Metropolitan/Transportation Planning Organization's (M/TPO) Financially Feasible Long Range Transportation Plan:
 Yes No N/A If yes, provide page #: Page 17 of the CMP Tech Memo If N/A, provide explanation: Use of these devices are identified in the Congestion Management Process Tech Memo of the MPO' LRTP, and is also compatible with the Lee County Advanced Travel Management System project currently under way. The project to buy and instal the BlueTOAD devices is also consistent with the Lee County ITS Plan
If no, the project cannot be considered at this time.
8. Is the project in the local jurisdictions adopted Capital Improvement Plan: Yes No If yes, provide a copy.
9. Is the applicant LAP certified? Yes No If yes, is the applicant interested in completing this project via the LAP? The project will require purchase and delivery of the devices in the year funds are programmed, and installation of the devices. The purchase, delivery and installation of the devices should not require any LAP contract, but may require some other form of interlocal agreement between FDOT and LCDOT .

Constructability Review: (For items 3-8 provide labeled & dated photos)

1. Are there any other projects programmed (local, state or federal) that overlap the project limits? Yes No If yes, provide details, including but not limited to, project scope and schedule.
2. Does the applicant have an adopted ADA transition plan? Yes No
3. Identify areas within the project limits that will require ADA retrofit. NA
4. Bus Stops/Shelters/Benches: (Number, type, etc.) NA
5. Drainage Structures: (Number of Culverts or Pipes currently in place; type, replace, extend, etc. How do you intend to accommodate existing drainage?) NA Does this project fall within an area covered by a stormwater master plan? Yes No If yes, provide a copy of the plan.
6. Any excavation greater than one foot below land surface? Yes No If yes, provide locations.
7. Utilities: Yes No If yes, list specific utilities within project limits and any conflicts. NA
8. Bridges within project limits: Yes No If yes, can the existing bridge accommodate the proposed improvements? Yes No
9. Right-of-way (Existing Width) See letter E under "Required Documentation": NA
10. Additional Right-of-way/Easement Required: Yes No **If yes, the project is not eligible at this time.** If right-of-way was previously acquired, please provide documentation supporting process consistent with 49 CFR Part 24 was followed.
11. Is there a railroad within the project limits: Yes No **If yes, the project cannot be considered.**

For items 12-18, if the answer is yes, please provide additional details including the method by which the information was obtained. If the answer is no, please note how this conclusion was drawn. You may want to visit <https://etdmpub.fla-etat.org/est/> for additional resources.

12. Are there any permits required: Yes No
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Required Attachment Checklist:

- A – Project Location Map
- B – Dated & Labeled Pictures of the project
- C – Detailed Cost Estimate including pay items
- D – Local Capital Improvement Program (if applicable)
- E – Survey/As-builts/ROW documentation (provide enough detail to show that adequate right-of-way exists for the proposed improvement)
- F – Project Acquisition Process (if applicable)
- G – Meeting Minutes (if applicable)

Certification

Name of Applying Agency: Lee County DOT
Contact Person (Name & Title): Steve Jansen, Senior Engineer
Email: jansensj@leegov.com
Phone: 239 533 8503
Mailing Address: 1500 Monroe Street, Fort Myers, FL 33901

Your signature indicates that the information included with this application is accurate.

Signature: _____ **Date:** 1/31/2014

Name of Maintaining Agency: Lee County DOT
Contact Person (Name & Title): Steve Jansen, Senior Engineer
Email: jansensj@leegov.com
Phone: 239 533 8503
Mailing Address: 1500 Monroe Street, Fort Myers, FL 33901

Your signature indicates your concurrence with the information provided within this application and your agency's willingness to allow this improvement within your right-of-way and enter into the appropriate Local Agency Program (LAP) or maintenance agreement as applicable.

Signature: _____ **Date:** 1/31/2014

If the project is located within a M/TPO area, a M/TPO representative must fill in the required information below:

Name of M/TPO: Lee County MPO
Contact Person (Name & Title): Ron Gogoi, Transportation Planning Administrator
Email: rgogoi@leempo.com
Phone: 239 330 2239
Mailing Address: P.O. Box 150045, Cape Coral, FL 33915

Your signature indicates the MPO has reviewed the application for consistently with all applicable adopted plans as well as program requirements.

Signature:

Date: 1/31/2014

For FDOT Use Only:

Application Complete Yes No

Project Eligible Yes No

Implementation Feasible Yes No

Recommend Programming Yes No

Liaison _____

LAP Coordinator _____

Production Staff _____

SWAO Director (if applicable) _____

Director of Production _____

Acronyms

ADA – Americans with Disabilities Act

CEI – Construction Engineering and Inspection

CFR – Code of Federal Regulations

LAP – Local Agency Program

M/TPO – Metropolitan/Transportation Planning Organization

PD&E – Project Development and Environment

PE – Preliminary Engineering

ROW – Right-of-Way

Resources

Project Development and Environment (PD&E) Manual

<http://www.dot.state.fl.us/emo/pubs/pdeman/pdeman1.shtm>

Local Agency Program (LAP) Manual

http://www.dot.state.fl.us/projectmanagementoffice/LAP/LAP_TOC.shtm

BlueTOAD by TRAFFICCAST



LEE COUNTY
SOUTHWEST FLORIDA

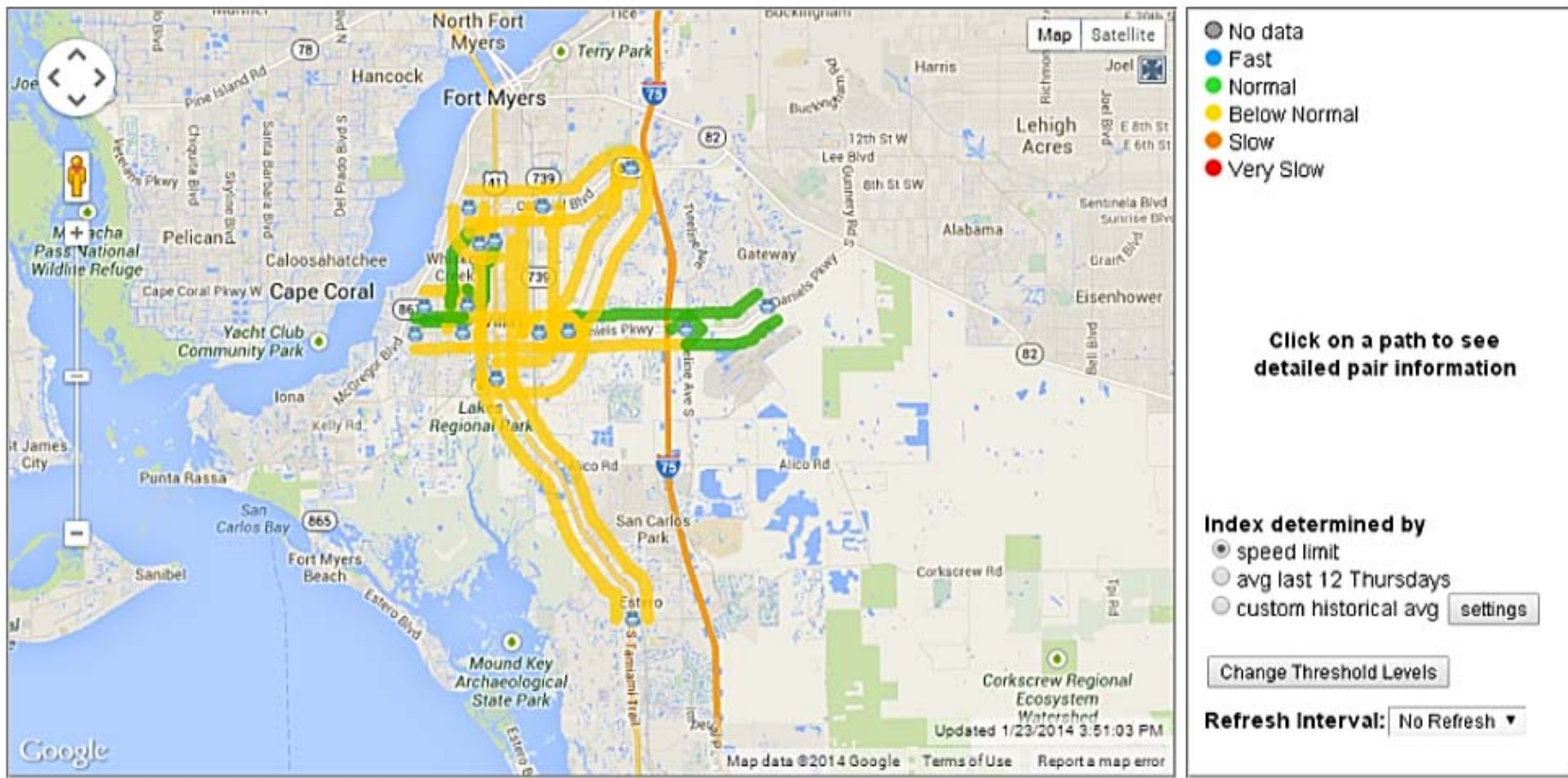
Home

Dashboard Speed Map Devices Pairs Routes Reports O/D Studies MiniTOAD Docs Account Admin Log Out

Speed Map

Select a route:
Show all pairs

EXHIBIT A - SPEED MAP ON LEE COUNTY ROADWAY CORRIDORS WITH BLUETOAD DEVICES. ANALYSIS COULD BE PERFORMED ONLINE AT WEBSITE CREATED FOR THIS SYSTEM



Standalone map information

Project Information

1. Project Category (Choose at least one): M/TPO Box Transportation Alternatives Other (If other, please indicate funding source being sought. SU Funds)

2. Project Name (Street Name): Accessible Pedestrian Signals

3. Project Limits (From & To) (if not at an intersection, use logical termini): Countywide

4. **Detailed** project description including but not limited to lane width; design – rural or curb & gutter; shoulder width, paved or grass; signals; median width, painted, grass or raised, etc.

a. Existing Conditions including any construction obstacles (**provide labeled and dated pictures**):

Project Description: Purchase and install two Accessible Pedestrian Signals (APS) per year on County arterial streets. The applicant is seeking a total of \$25,000 per year or \$250,000 over 5 years.

Existing Scenario: The County currently has four APS installations on its streets. It is in the process of completing its ADA transition plan. Additional APS installations are expected to be identified in this plan

b. Proposed Improvements (including how you will address any construction obstacles):

The proposed project will permit the County to be able to respond to the needs of the visually impaired community. Specific locations have not yet been identified.

5. Cost Estimate by Phase:

	Planning Study	PD&E	Design (PE)	ROW	Construction	CEI
Cost Estimate (Present Day Cost)	Cost Estimate: a. The cost of the units is estimated at \$15,000 b. The cost of installation is estimated at \$10,000 each c. For a total of \$25,000 per year or \$250,000 over five years					
Fiscal Year Funding Available						
Phase Status	<input type="checkbox"/> Not Started <input type="checkbox"/> 30% <input type="checkbox"/> 60% <input type="checkbox"/> 90% <input type="checkbox"/> Complete <input type="checkbox"/> N/A	<input type="checkbox"/> Not Started <input type="checkbox"/> 30% <input type="checkbox"/> 60% <input type="checkbox"/> 90% <input type="checkbox"/> Complete <input type="checkbox"/> N/A	<input type="checkbox"/> Not Started <input type="checkbox"/> 30% <input type="checkbox"/> 60% <input type="checkbox"/> 90% <input type="checkbox"/> Complete <input type="checkbox"/> N/A	<input type="checkbox"/> Not Started <input type="checkbox"/> 30% <input type="checkbox"/> 60% <input type="checkbox"/> 90% <input type="checkbox"/> Complete <input type="checkbox"/> N/A	<input type="checkbox"/> Not Started <input type="checkbox"/> 30% <input type="checkbox"/> 60% <input type="checkbox"/> 90% <input type="checkbox"/> Complete <input type="checkbox"/> N/A	<input type="checkbox"/> Not Started <input type="checkbox"/> 30% <input type="checkbox"/> 60% <input type="checkbox"/> 90% <input type="checkbox"/> Complete <input type="checkbox"/> N/A
Funding Type (Local, State or Federal)	<input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Local	<input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Local	<input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Local	<input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Local	<input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Local	<input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Local

6. Date project was endorsed by local jurisdictional board/council. Provide meeting minutes:

7. Is the project, as described above, included in the Metropolitan/Transportation Planning Organization's (M/TPO) Financially Feasible Long Range Transportation Plan:

Yes No N/A If yes, provide page #: _____ If N/A, provide explanation: Use of these devices address safety and are consistent with the needs identified in the MPO's Congestion Management Process, as well as in the MPO's Countywide Bike Ped Master Plan.

If no, the project cannot be considered at this time.

8. Is the project in the local jurisdictions adopted Capital Improvement Plan: Yes No If yes, provide a copy.
9. Is the applicant LAP certified? Yes No If yes, is the applicant interested in completing this project via the LAP? The project will require purchase and delivery of the devices in the year funds are programmed, and implementation of the devices will be based on locations identified in the ongoing ADA transition plan. The purchase, delivery and implementation of the devices should not require any LAP contract, but may require some other form of interlocal agreement between FDOT and LCDOT .

Constructability Review: (For items 3-8 provide labeled & dated photos)

1. Are there any other projects programmed (local, state or federal) that overlap the project limits? Yes No If yes, provide details, including but not limited to, project scope and schedule.
2. Does the applicant have an adopted ADA transition plan? Yes No – **The County is in the process of completing an ADA Transition Plan**
3. Identify areas within the project limits that will require ADA retrofit. NA
4. Bus Stops/Shelters/Benches: (Number, type, etc.) NA
5. Drainage Structures: (Number of Culverts or Pipes currently in place; type, replace, extend, etc. How do you intend to accommodate existing drainage?) Not applicable at this time. Does this project fall within an area covered by a stormwater master plan? Yes No If yes, provide a copy of the plan.
6. Any excavation greater than one foot below land surface? Yes No If yes, provide locations. **NA**
7. Utilities: Yes No If yes, list specific utilities within project limits and any conflicts. Not applicable at this time.
8. Bridges within project limits: Yes No If yes, can the existing bridge accommodate the proposed improvements? Yes No
9. Right-of-way (Existing Width) See letter E under “Required Documentation”: NA
10. Additional Right-of-way/Easement Required: Yes No **If yes, the project is not eligible at this time.** If right-of-way was previously acquired, please provide documentation supporting process consistent with 49 CFR Part 24 was followed.
11. Is there a railroad within the project limits: Yes No **If yes, the project cannot be considered.**

For items 12-18, if the answer is yes, please provide additional details including the method by which the information was obtained. If the answer is no, please note how this conclusion was drawn. You may want to visit <https://etdmpub.flas-tat.org/est/> for additional resources.

12. Are there any permits required: Yes No
13. Are there any wetlands within the project limits: Yes No
14. Is there any critical habitat within the project limits: Yes No
15. Are there any endangered species within the project limits: Yes No
16. Is a historic survey required: Yes No
17. Is Recreation or 4(f) property within/adjacent to the project limits? Yes No
18. Are there any contamination areas within the project limits: Yes No
19. Additional Information:

Required Attachment Checklist:

- A – Project Location Map
- B – Dated & Labeled Pictures of the project
- C – Detailed Cost Estimate including pay items
- D – Local Capital Improvement Program (if applicable)
- E – Survey/As-builts/ROW documentation (provide enough detail to show that adequate right-of-way exists for the proposed improvement)
- F – Project Acquisition Process (if applicable)
- G – Meeting Minutes (if applicable)

Certification

Name of Applying Agency: Lee County DOT
 Contact Person (Name & Title): Steve Jansen, Senior Engineer
 Email: jansensj@leegov.com
 Phone: 239 533 8503
 Mailing Address: 1500 Monroe Street, Fort Myers, FL 33901

Your signature indicates that the information included with this application is accurate.

Signature: _____ **Date:** 1/31/2014

Name of Maintaining Agency: Lee County DOT
 Contact Person (Name & Title): Steve Jansen, Senior Engineer
 Email: jansensj@leegov.com
 Phone: 239 533 8503
 Mailing Address: 1500 Monroe Street, Fort Myers, FL 33901

Your signature indicates your concurrence with the information provided within this application and your agency's willingness to allow this improvement within your right-of-way and enter into the appropriate Local Agency Program (LAP) or maintenance agreement as applicable.

Signature: _____ **Date:** 1/31/2014

If the project is located within a M/TPO area, a M/TPO representative must fill in the required information below:

Name of M/TPO: Lee County MPO
 Contact Person (Name & Title): Ron Gogoi, Transportation Planning Administrator
 Email: rgogoi@leempo.com
 Phone: 239 330 2239
 Mailing Address: P.O. Box 150045, Cape Coral, FL 33915

Your signature indicates the MPO has reviewed the application for consistently with all applicable adopted plans as well as program requirements.

Signature: _____ **Date:** 1/31/2014

For FDOT Use Only:

Application Complete *Yes* *No*

Implementation Feasible *Yes* *No*

Project Eligible *Yes* *No*

Recommend Programming *Yes* *No*

Liaison _____

LAP Coordinator _____

Production Staff _____

SWAO Director (if applicable) _____

Director of Production _____

Acronyms

ADA – Americans with Disabilities Act

CEI – Construction Engineering and Inspection

CFR – Code of Federal Regulations

LAP – Local Agency Program

M/TPO – Metropolitan/Transportation Planning Organization

PD&E – Project Development and Environment

PE – Preliminary Engineering

ROW – Right-of-Way

Resources

Project Development and Environment (PD&E) Manual

<http://www.dot.state.fl.us/emo/pubs/pdeman/pdeman1.shtm>

Local Agency Program (LAP) Manual

http://www.dot.state.fl.us/projectmanagementoffice/LAP/LAP_TOC.shtm

Project Information

1. Project Category (Choose at least one): M/TPO Box Transportation Alternatives Other (If other, please indicate funding source being sought. SU Funds)
2. Project Name (Street Name): Fowler Street
3. Project Limits (From & To) (if not at an intersection, use logical termini): Colonial to 1000' south of Colonial Blvd
4. **Detailed** project description including but not limited to lane width; design – rural or curb & gutter; shoulder width, paved or grass; signals; median width, painted, grass or raised, etc.

a. Existing Conditions including any construction obstacles (**provide labeled and dated pictures**):

Fowler Street at this location is a 4-lane divided roadway with auxiliary lanes. NB Fowler has 2 left turn lanes, a through lane, a shared through and right lane, and an exclusive right turn lane. It has a rural cross section on the east side and an urban cross section with curb and gutter on the east side. There are swales on either side for stormwater drainage. It has a concrete median, and sidewalks on both sides of the roadway. Fowler and Colonial Boulevard has a traffic signal with string wires at this intersection. The NB shared through and right turn lane impacts capacity and results in traffic backups in the northbound approach. See Attachments A and B.

b. Proposed Improvements (including how you will address any construction obstacles):

Reconfigure the NB approach so that there are two through lanes (the shared through and right will be converted to a through lane only), a second right turn lane will be added, and the pedestrian crossing on the east leg will be re-established as shown in Exhibit A. As part of these proposed improvements, the two right turn lanes will be configured as free flow continuous right turn lanes which will result in alleviation of NB congestion and will also allow some of the Fowler Street green time to be reallocated to Colonial Boulevard thereby reducing delay on that street. See Exhibit A.

5. Cost Estimate by Phase:

	Planning Study	PD&E	Design (PE)	ROW	Construction	CEI
Cost Estimate (Present Day Cost)			\$140,437.50		\$786,450	\$78,645
Fiscal Year Funding Available			2018/19		2018/19	2018/19
Phase Status	<input type="checkbox"/> Not Started <input type="checkbox"/> 30% <input type="checkbox"/> 60% <input type="checkbox"/> 90% <input type="checkbox"/> Complete <input type="checkbox"/> N/A	<input type="checkbox"/> Not Started <input type="checkbox"/> 30% <input type="checkbox"/> 60% <input type="checkbox"/> 90% <input type="checkbox"/> Complete <input type="checkbox"/> N/A	<input type="checkbox"/> Not Started <input type="checkbox"/> 30% <input type="checkbox"/> 60% <input type="checkbox"/> 90% <input type="checkbox"/> Complete <input type="checkbox"/> N/A	<input type="checkbox"/> Not Started <input type="checkbox"/> 30% <input type="checkbox"/> 60% <input type="checkbox"/> 90% <input type="checkbox"/> Complete <input type="checkbox"/> N/A	<input type="checkbox"/> Not Started <input type="checkbox"/> 30% <input type="checkbox"/> 60% <input type="checkbox"/> 90% <input type="checkbox"/> Complete <input type="checkbox"/> N/A	<input type="checkbox"/> Not Started <input type="checkbox"/> 30% <input type="checkbox"/> 60% <input type="checkbox"/> 90% <input type="checkbox"/> Complete <input type="checkbox"/> N/A
Funding Type (Local, State or Federal)	<input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Local	<input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Local	<input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Local	<input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Local	<input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Local	<input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Local

6. Date project was endorsed by local jurisdictional board/council. Provide meeting minutes:

7. Is the project, as described above, included in the Metropolitan/Transportation Planning Organization's (M/TPO) Financially Feasible Long Range Transportation Plan:
 Yes No N/A If yes, provide page #: _____ If N/A, provide explanation: This CMP strategy is addressed in Page 27 under Section 4.1.3 Transportation System Management of the Congestion Management Process.
If no, the project cannot be considered at this time.
8. Is the project in the local jurisdictions adopted Capital Improvement Plan: Yes No If yes, provide a copy.
9. Is the applicant LAP certified? Yes No If yes, is the applicant interested in completing this project via the LAP? The applicant is LAP certified only for planning studies

Constructability Review: (For items 3-8 provide labeled & dated photos)

1. Are there any other projects programmed (local, state or federal) that overlap the project limits? Yes No If yes, provide details, including but not limited to, project scope and schedule.
2. Does the applicant have an adopted ADA transition plan? Yes No
3. Identify areas within the project limits that will require ADA retrofit. NA
4. Bus Stops/Shelters/Benches: (Number, type, etc.) There is no LeeTran bus route on Fowler
5. Drainage Structures: (Number of Culverts or Pipes currently in place; type, replace, extend, etc. How do you intend to accommodate existing drainage?) FDOT to assess. Does this project fall within an area covered by a stormwater master plan? Yes No If yes, provide a copy of the plan.
6. Any excavation greater than one foot below land surface? Yes No If yes, provide locations.
7. Utilities: Yes No If yes, list specific utilities within project limits and any conflicts. FDOT to provide information
8. Bridges within project limits: Yes No If yes, can the existing bridge accommodate the proposed improvements? Yes No
9. Right-of-way (Existing Width) See letter E under "Required Documentation": ROW maps have been downloaded from FDOT website and are enclosed in Exhibit D. FDOT to assess whether there is adequate right of way. When visually observed through aerials and on site visits, there seems to be adequate right of way.
10. Additional Right-of-way/Easement Required: Yes No **If yes, the project is not eligible at this time.** If right-of-way was previously acquired, please provide documentation supporting process consistent with 49 CFR Part 24 was followed.
11. Is there a railroad within the project limits: Yes No **If yes, the project cannot be considered.**

For items 12-18, if the answer is yes, please provide additional details including the method by which the information was obtained. If the answer is no, please note how this conclusion was drawn. You may want to visit <https://etdmpub.flas-etat.org/est/> for additional resources.

12. Are there any permits required: Yes No
13. Are there any wetlands within the project limits: Yes No
14. Is there any critical habitat within the project limits: Yes No
15. Are there any endangered species within the project limits: Yes No
16. Is a historic survey required: Yes No
17. Is Recreation or 4(f) property within/adjacent to the project limits? Yes No
18. Are there any contamination areas within the project limits: Yes No
19. Additional Information:

Required Attachment Checklist:

- A – Project Location Map
- B – Dated & Labeled Pictures of the project
- C – Detailed Cost Estimate including pay items
- D – Local Capital Improvement Program (if applicable)
- E – Survey/As-builts/ROW documentation (provide enough detail to show that adequate right-of-way exists for the proposed improvement)
- F – Project Acquisition Process (if applicable)
- G – Meeting Minutes (if applicable)

Certification

Name of Applying Agency: Lee County MPO

Contact Person (Name & Title): Ron Gogoi, Transportation Planning Administrator

Email: rgogoi@leempo.com

Phone: 239 330 2239

Mailing Address: P.O. Box 150045, Cape Coral, Florida 33915

Your signature indicates that the information included with this application is accurate.

Signature:

Date: 1/31/2013

Name of Maintaining Agency: FDOT

Contact Person (Name & Title): Russ Muller

Email: Russell.Muller@dot.state.fl.us

Phone: 239 461 4300

Mailing Address: SWIFT SunGuide Center, 10041 Daniels Parkway, Fort Myers

Your signature indicates your concurrence with the information provided within this application and your agency's willingness to allow this improvement within your right-of-way and enter into the appropriate Local Agency Program (LAP) or maintenance agreement as applicable.

Signature:

Date:

If the project is located within a M/TPO area, a M/TPO representative must fill in the required information below:

Name of M/TPO: Lee County MPO

Contact Person (Name & Title): Ron Gogoi

Email: rgogoi@leempo.com

Phone: 239 330 2239

Mailing Address: P.O. Box 150045, Cape Coral, FL 33915

Your signature indicates the MPO has reviewed the application for consistently with all applicable adopted plans as well as program requirements.

Signature:

Date: 1/31/2013

For FDOT Use Only:

Application Complete Yes No

Project Eligible Yes No

Implementation Feasible Yes No

Recommend Programming Yes No

Liaison _____

LAP Coordinator _____

Production Staff _____

SWAO Director (if applicable) _____

Director of Production _____

Acronyms

ADA – Americans with Disabilities Act

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<http://www.dot.state.fl.us/emo/pubs/pdeman/pdeman1.shtm>

Local Agency Program (LAP) Manual

http://www.dot.state.fl.us/projectmanagementoffice/LAP/LAP_TOC.shtm

Ron Gogoi

From: Jansen, Stephen <JANSENSJ@leegov.com>
Sent: Thursday, January 23, 2014 3:32 PM
To: Ron Gogoi
Subject: RE: Congestion Management Projects

Fowler St and Colonial Blvd (SR 884) Dual Right Turn Lane Planning Estimate				
Item	Qty	unit	unit price	Total
asphalt surface	200	cy	\$ 100	\$ 20,000.00
base	1550	sy	\$ 15	\$ 23,250.00
concrete island	3500	sf	\$ 15	\$ 52,500.00
milling	1800	sy	\$ 3	\$ 4,500.00
Clearing	1	LS	\$ 10,000	\$ 10,000.00
18" Pipe	150	ft	\$ 70	\$ 10,500.00
Inlets	3	ea	\$ 5,000	\$ 15,000.00
double mast arm	4	ea	\$ 45,000	\$ 180,000.00
single mast arm	1	ea	\$ 38,000	\$ 38,000.00
Other signal equipment	1	LS	\$ 100,000	\$ 100,000.00
6" sidewalk	200	sy	\$ 40	\$ 8,000.00
Everything else	1	LS	\$ 100,000	\$ 100,000.00
Subtotal				\$ 561,750.00
Engineering	1		25%	\$ 140,437.50
MOT	1		20%	\$ 112,350.00
Contingency	1		20%	\$ 112,350.00
Subtotal				\$ 926,887.50
CEI			10%	\$ 78,645
Total				\$ 1,005,532

Stephen M. Jansen, P.E., P.T.O.E.
 Lee County DOT, Traffic Section
 1500 Monroe St
 Fort Myers, FL 33901
 (239)533-8503 office
 (239)229-4006 mobile
 (239)485-8520 fax

jansensi@leegov.com

ATTACHMENT A - LOCATION MAP AND EXISTING CONDITIONS



ATTACHMENT B, Page 1 - FOWLER STREET LOOKING
NORTH TOWARDS COLONIAL BOULEVARD



COLONIAL BLVD

EXISTING CONDITIONS

ATTACHMENT B, Page 2 – SE CORNER

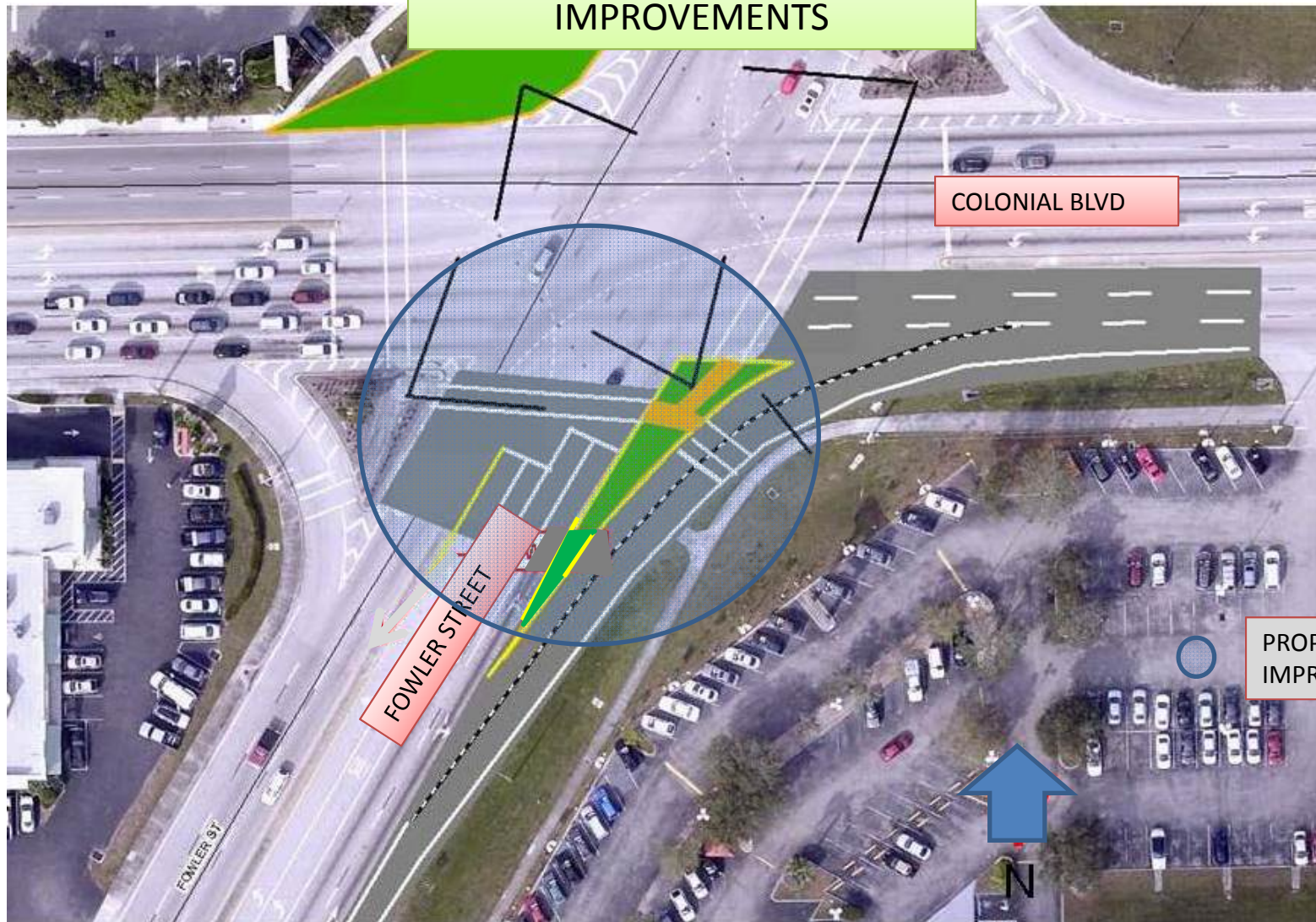
COLONIAL BLVD

FOWLER STREET

EXISTING CONDITIONS

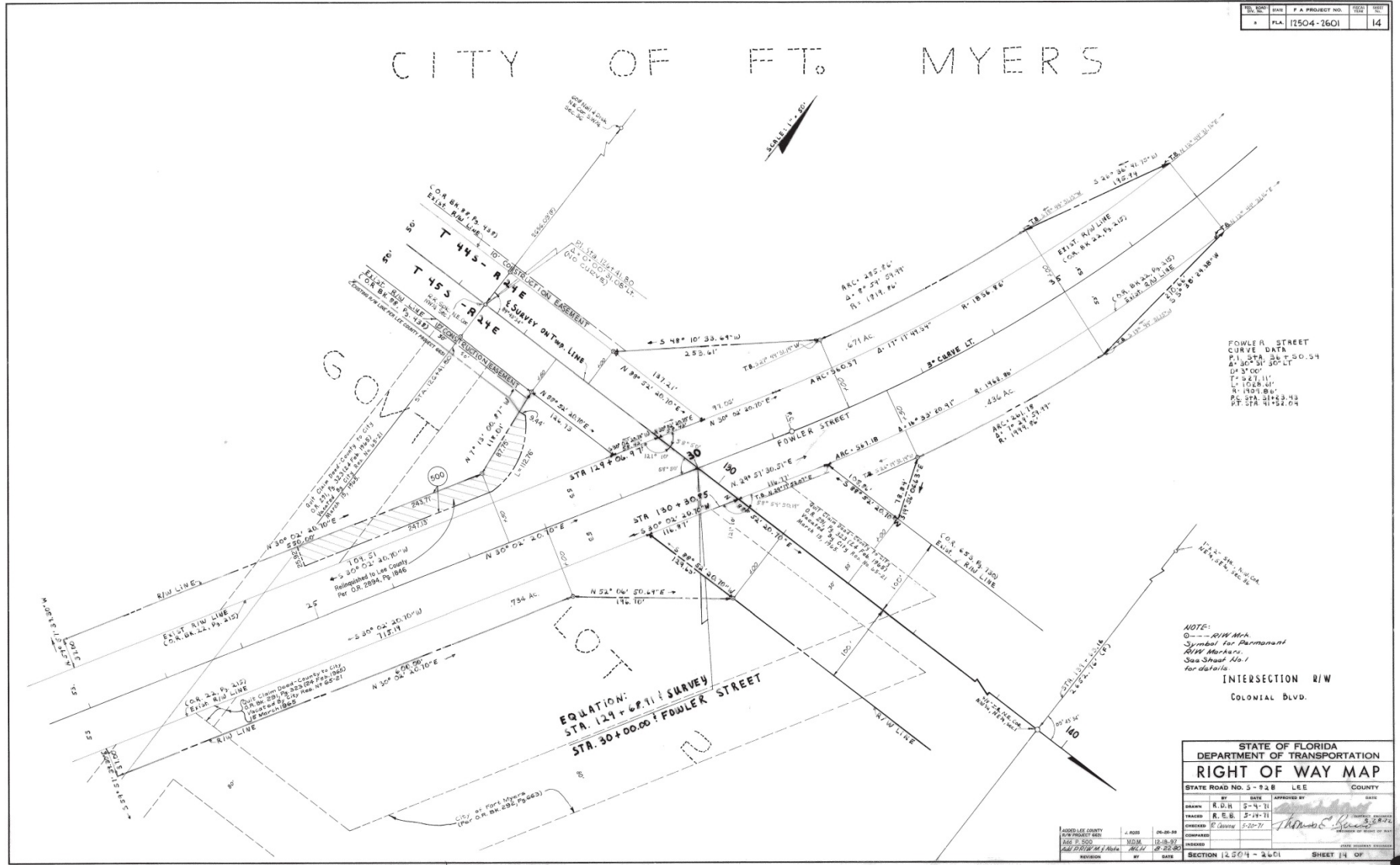


EXHIBIT A - PROPOSED IMPROVEMENTS



Reconfigure NB approach so that there are now two through lanes (the shared through and right is converted to a through lane only, and add a second right turn lane). Reconfigure the new lane and the existing right turn into two free flow continuous right turn lanes, and re-establish the pedestrian crossing on the east leg.

EXHIBIT E – FOWLER/COLONIAL INTERSECTION ROW MAP



I.N. 4466 4467

UPDATE ON THE LEE COUNTY ATMS PHASE I AND CALOOSAHATCHEE BRIDGE IMS PROJECTS

RECOMMENDED ACTION: No action required. This is an information and discussion item.

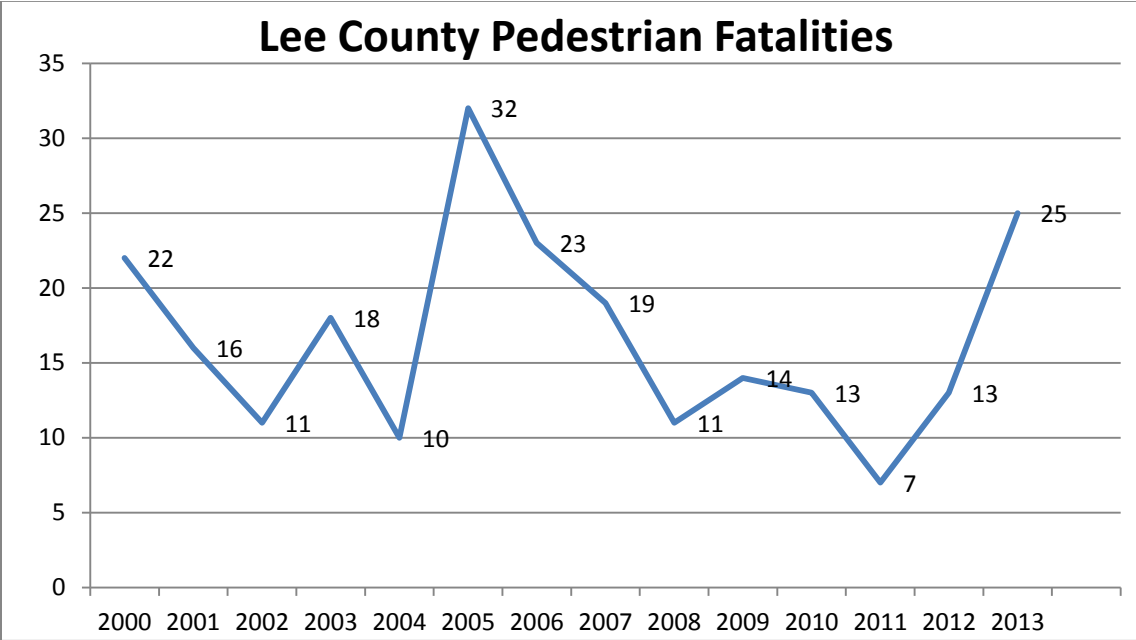
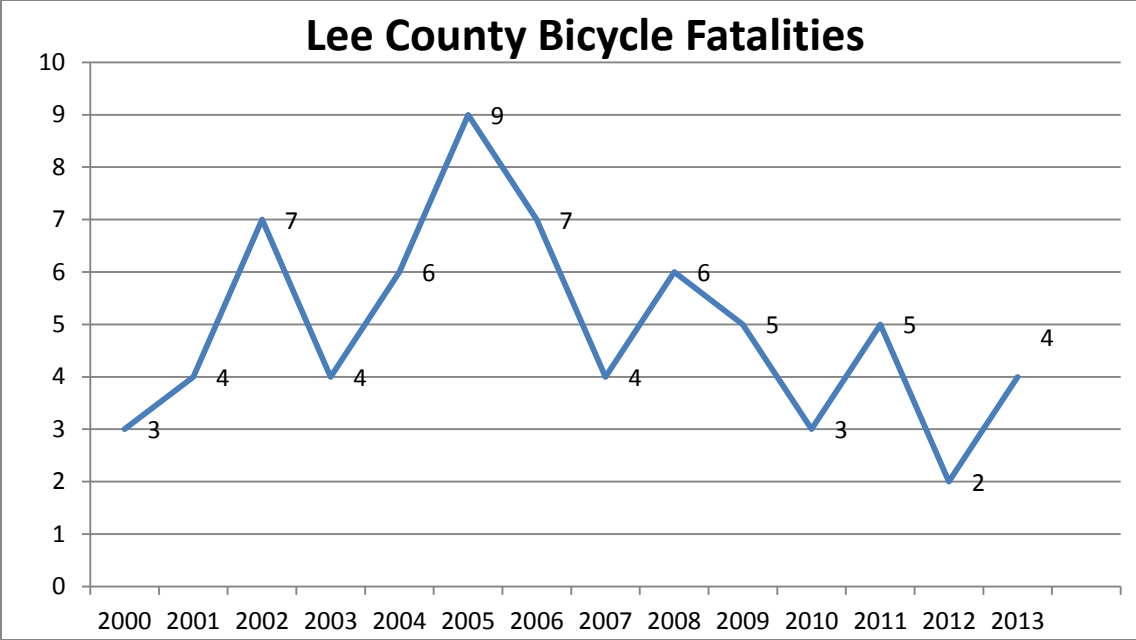
Phase I of a design build project to upgrade the existing traffic signal system in Lee County to an Advanced Traffic Management System (ATMS) is under way. The upgrade of the system with a centralized architecture is expected to make the system adaptive and dynamic to changing conditions. The ATMS will make it possible to remotely operate and control the traffic signals and CCTV surveillance system from LCDOT's Traffic Management Center (TOC) at Billy Creek. In Phase I, the ATMS will run on the entire US 41 corridor from the Collier County Line to Charlotte County line, Business 41 from US 41 to Bayshore Road, and Bayshore from Bus 41 to US 41.

FDOT staff will provide an update on this project at the February 13th TMOC meeting. FDOT will also provide an update on the project to remove the glitches of operating the Caloosahatchee Bridge Incident Management System.

REVIEW OF THE UPDATED BICYCLE PEDESTRIAN CRASH STATISTICS

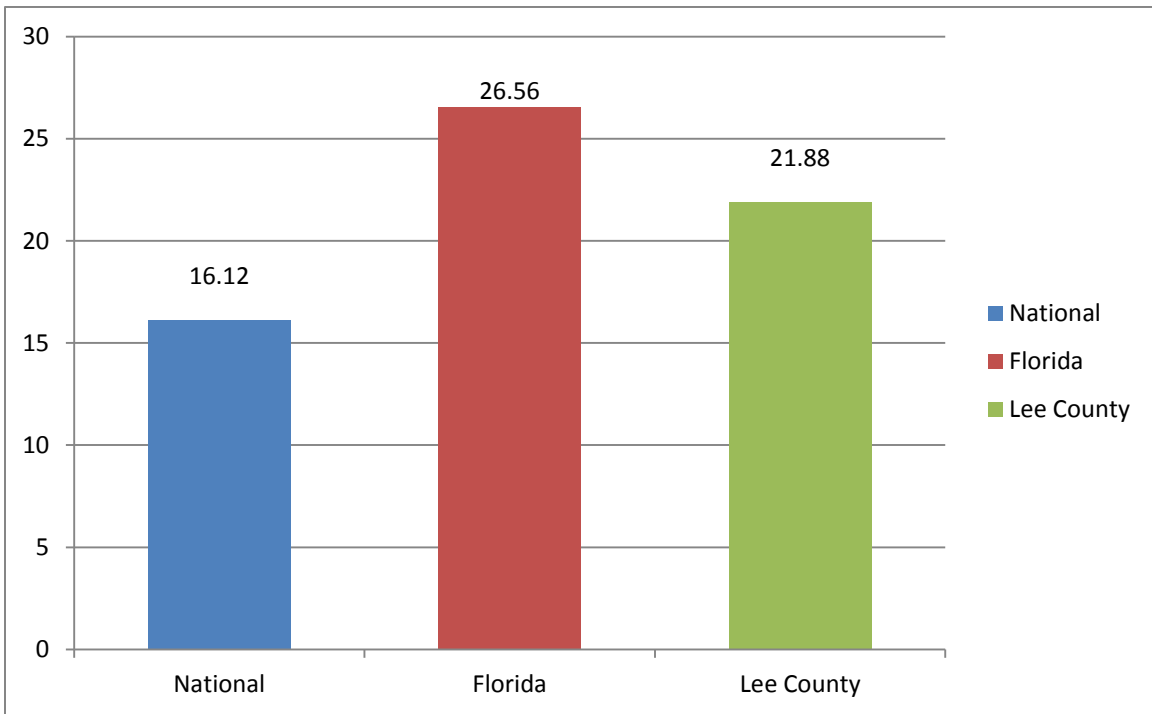
INFORMATION ITEM:

Staff has updated the bicycle pedestrian crash statistics and the graphs are attached. In addition, staff will discuss the proposed agenda items for the next law enforcement meeting.

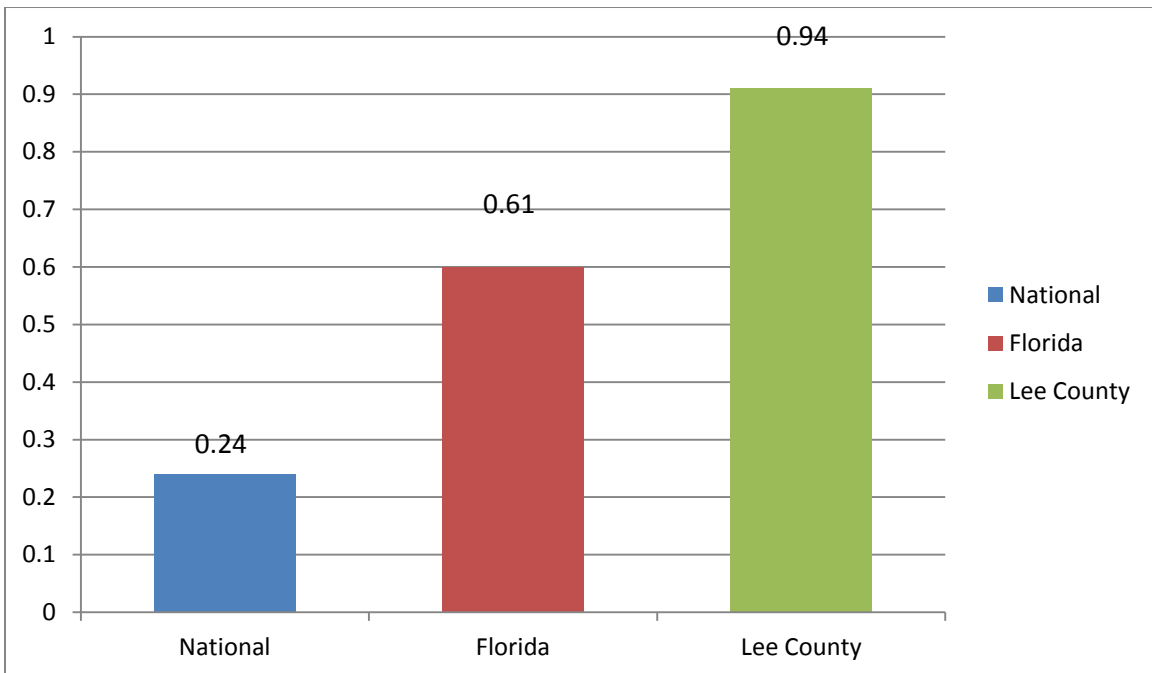


How Lee County Compares with Florida and Nation

Bicycle Injuries per 100,000 people (2000-2013)



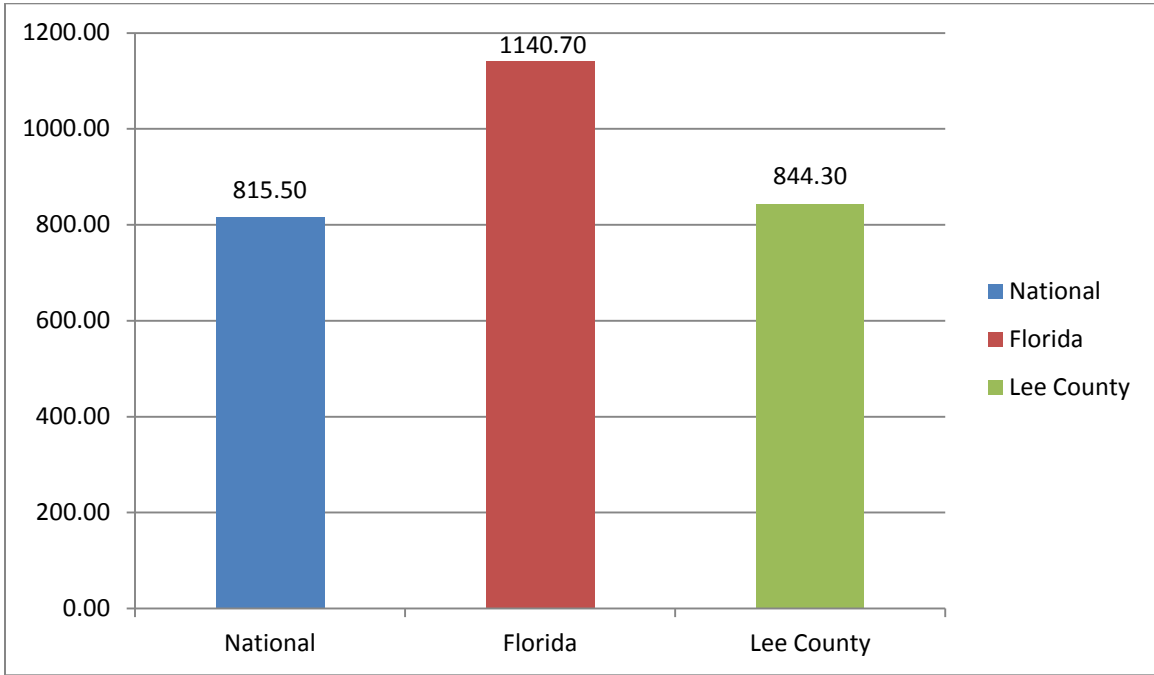
Bicycle Fatalities per 100,000 people (2000-2013)



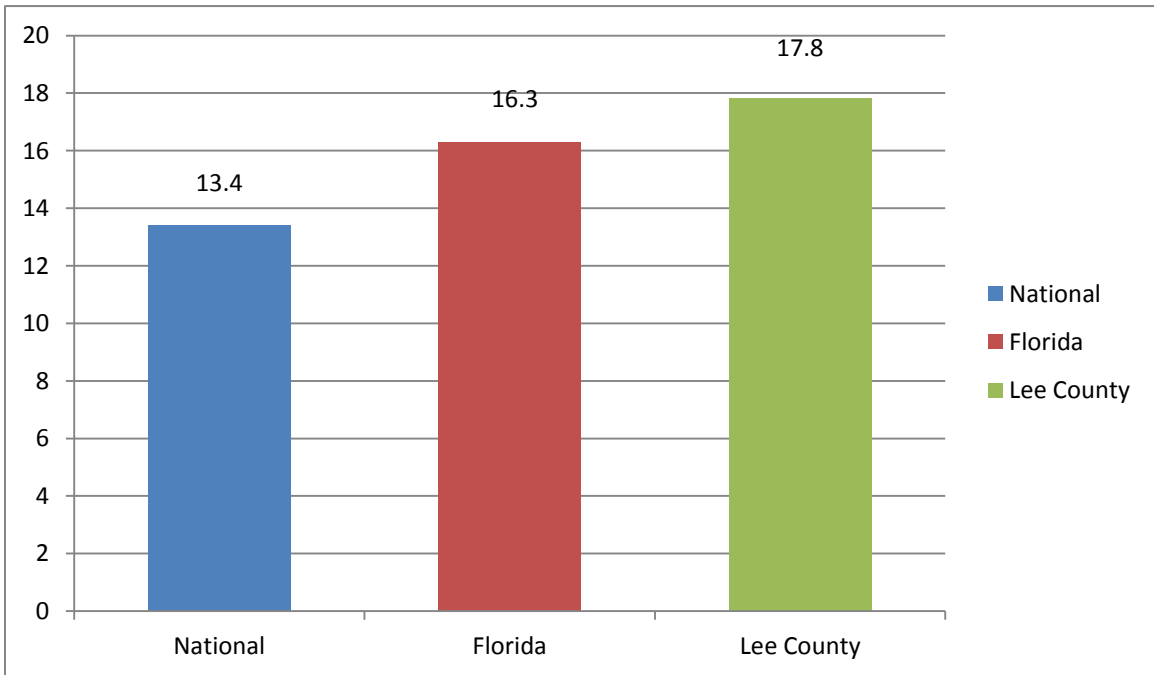
National Data is from 2000-2012

How Lee County Compares with Florida and Nation

Overall Traffic Injuries per 100,000 people (2000-2013)



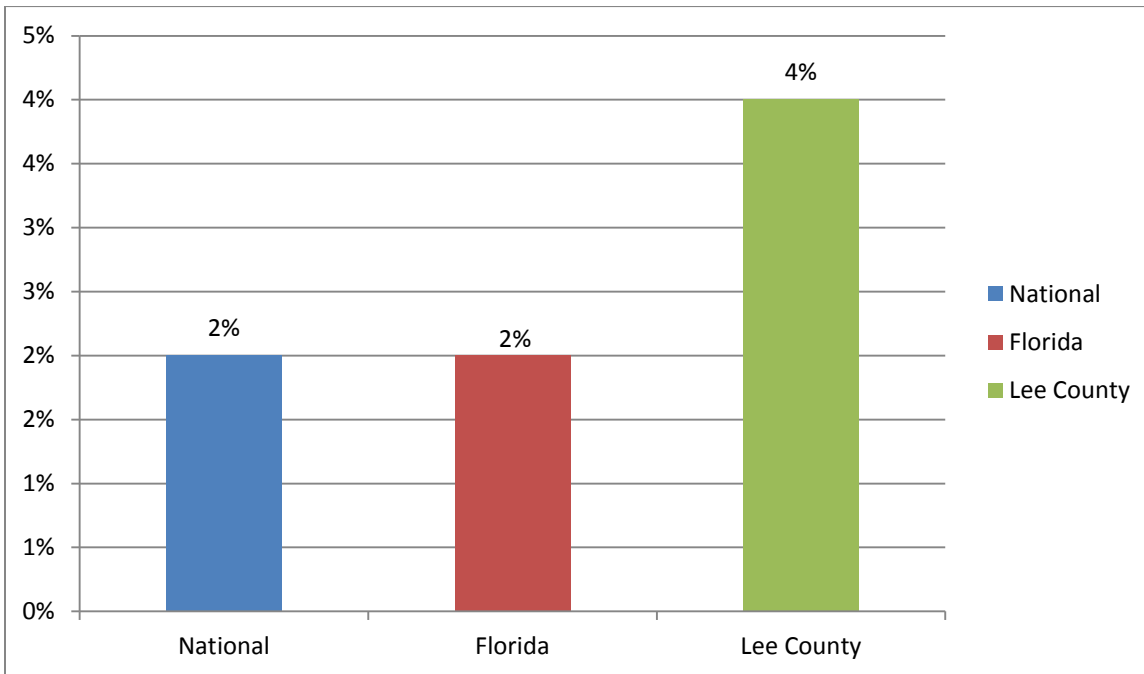
Overall Traffic Fatalities per 100,000 people (2000-2013)



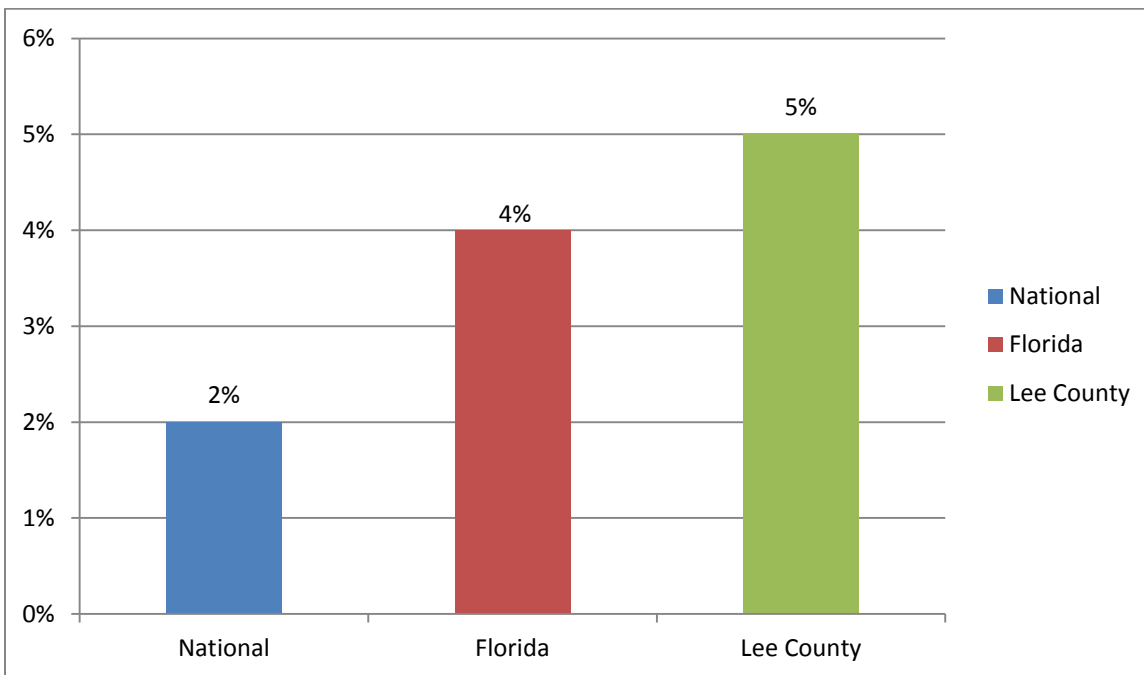
National Data is from 2000-2012

How Lee County Compares with Florida and Nation

Bicycle Injuries as percent of total Traffic Injuries (2000-2013)



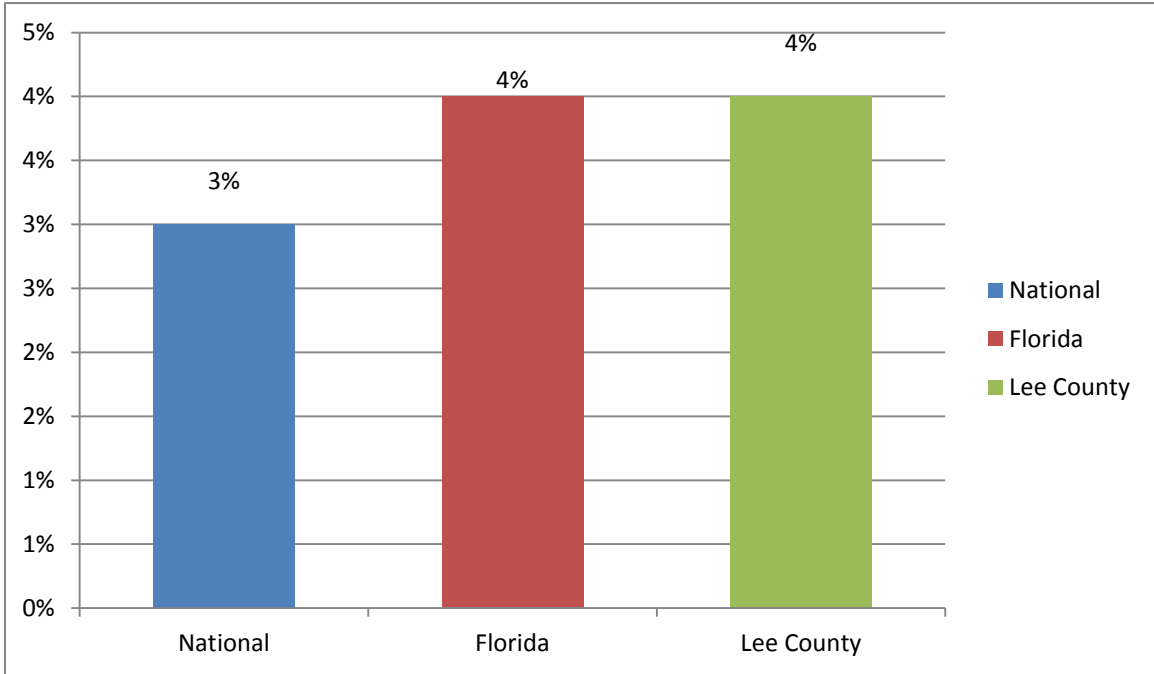
Bicycle Fatalities as a percent of total Traffic Fatalities (2000-2013)



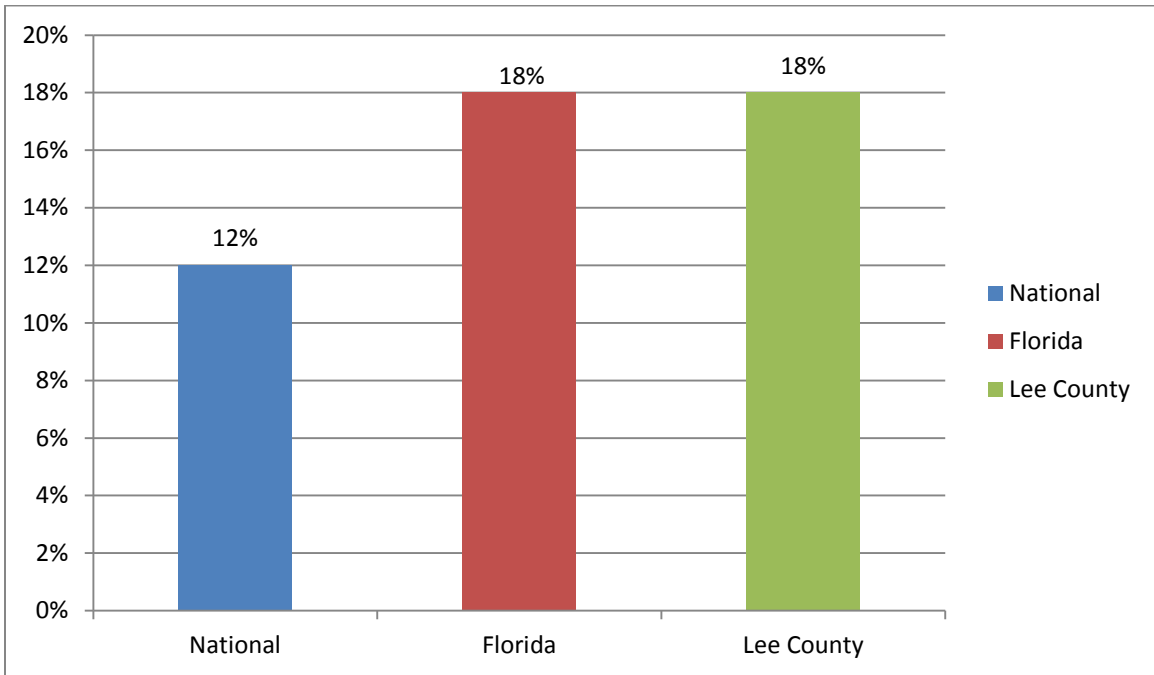
National Data is from 2000-2012

How Lee County Compares with Florida and Nation

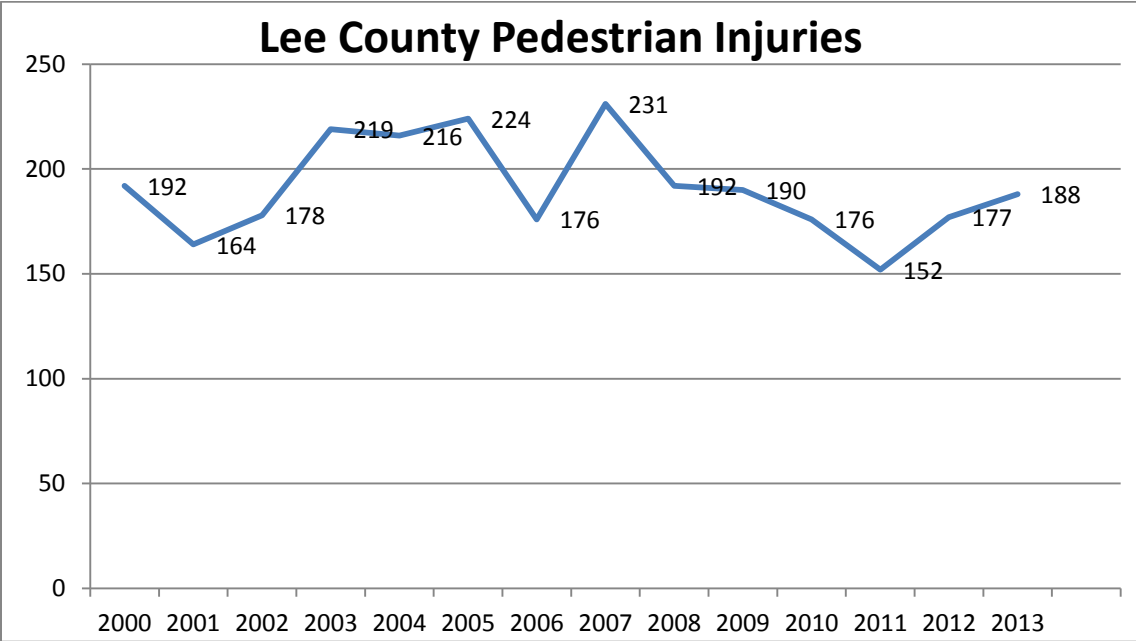
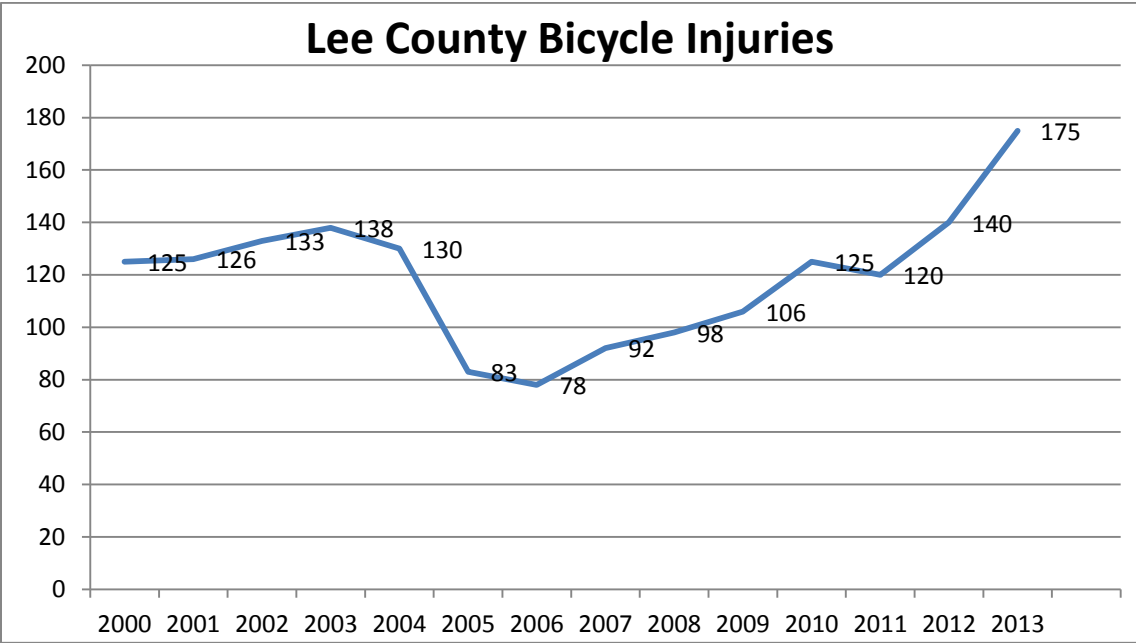
Pedestrian Injuries as a percent of total Traffic Injuries (2000-2013)



Pedestrian Fatalities as percent of total Traffic Fatalities (2000-2013)



National Data is from 2000-2012



UPDATE ON THE COMMUTER SERVICES ACTIVITIES IN LEE COUNTY

INFORMATION ITEM:

The FDOT District One Commuter Assistance Service Program's (CAP) Outreach Coordinator will provide an update on the commuter service activities in Lee County at the February 13th TMOC meeting. These activities generally include the Transportation Demand Management practices currently being followed by the local government agencies and private companies.

ITS Stakeholder Committee and Traffic Operations Coordinating Committee - Southwest Florida Regional Planning Council

Attn: Ron Gogoi, Transportation Planning Administrator, Lee MPO

Lee/Collier/Charlotte Marketing and Planning Updates January 2014

The Commuter Services marketing activities in Lee, Collier and Charlotte County include ongoing outreach events, transportation promotions with employer partners and joint outreach and planning efforts with community organizations and stakeholders.

Recent outreach recruitment efforts:

- Charlotte: Charlotte County Public Schools
- Collier: Edison State College, Hodges Naples, Arthrex Ave Maria
- Lee County: Lee County BOCC, Edison State Ft Myers, Keiser Ft Myers, Hodges Ft Myers

Arthrex Commerce Park Ave Maria – new location

- Program expansion for Ft Myers and Ave Maria
- Benefits with HR
- Management training
- Survey / plot maps and commuter program development
- Vanpool recruitment and carpool formation workshops scheduled for (March)

Partners and Stakeholders:

- District-Wide: 170
- Charlotte: 9
- Collier: 17
- Lee County: 33
- Charlotte: 9

Registered Commuters

- District-Wide: 19463
- Charlotte: 631
- Collier: 1200
- Lee County: 4349

New Designation for Best Work Place for Commuter 2013

- South Seas Island Resort - Commuter Services Platinum Level Partner
- Lee County Board of County Commissioners - Commuter Services Gold Level Partner
- Lee County Clerk of Courts - Commuter Services Gold Level Partner
- Lee County DOT Operations - Commuter Services Gold Level Partner
- Department of Environmental Resources – Commuter Services Gold Level Partner

2013 National Best Workplaces for Commuters (BWC) Race to Excellence Awards

National Gold Supporting Agency and the “Best of” Supporting Agency Award

- **Commuter Services District One**

2013 National Best Workplaces for Commuters (BWC) Race to Excellence Awards

National Gold Level Partner Award

- **South Seas Island Resort**

2013 District One Commuter Services Project Transit Summit

February 28, 2014, from 9:30 am to 2:30 pm

Venice Train Depot (303 East Venice Avenue, Venice)

Commuter Services is coordinating a program webinar for Lee County Employer partners in partnership with the Lee County Sustainability office. Date TBA – early March

New Districtwide Campaigns for April: Go Green, Save Green

(2014 Commuter Challenges)

The 2014 Commuter Services Campaign will take place the entire month of April to coincide with Earth Month, Healthy Counties Month and to unite several local efforts from each county. The goal is to generate support and strong participation in the use of alternative transportation modes, such as carpooling, vanpooling, taking the bus, biking, walking, teleworking, and have participants enter their participation by tracking trips in Commuter Services' EZ Track Program or pledging to use an alternative mode. We will encourage everyone to post photos, stories on www.facebook.com/CommuterServicesflorida and other media outlets. Individuals that track trips will be entered in prize drawings donated by partnering organizations. More details to follow.

Vanpool Update:

Employers can receive a Free Cluster Analysis and One Free Month Demo Van promotion for new Employers during the Month of **April**. Employer partners may qualify for up-to \$400.00 subsidies per month to put towards a new vanpool.



FDOT District One Commuter Services and Employer Partners Receive 2013 National Awards for promoting Commuter Benefits

On Thursday, January 16, 2014 during the 2013 National Best Workplaces for Commuters (BWC) Race to Excellence Virtual Awards Ceremony, Commuter Services FL District One was awarded the “Gold Supporting Agency” and the “Best of Supporting Agency Award.” The City of North Port, South Seas Island Resort and LEGOLAND FL were awarded the “Gold Employer Award.”

The awards ceremony was presented by the Center for Urban Transportation Research (CUTR) at the University of South Florida. The Race to Excellence is a national annual challenge that encourages, recognizes, and highlights dedicated professionals across the country for promoting commuter benefits, transportation options, and the BWC designation. Over 400 organizations have met the Standard of Excellence and are designated as Best Workplaces for Commuters nationally. The organizations who successfully complete the Race take exemplary steps to offer their employees viable alternatives to driving alone, thereby reducing air pollution, traffic congestion, and fuel consumption.

Congratulations to the following Commuter Services partners and national award recipients who offer the highest level of commuter benefits:

- South Seas Island Resort
- City of North Port
- LEGOLAND FL

For more information:

<http://www.bestworkplaces.org/uncategorized/usfs-national-center-for-transit-research-selects-best-workplaces-for-commuterssm-winners-2/>

<http://www.bestworkplaces.org/>

Five Lee County Commuter Services Employer Partners Receive Regional and National Awards for Offering Commuter Benefits

During the Tuesday, September 24, 2013, Lee County Board of County Commission meeting, a ceremonial presentation was made to the Board, recognizing five exemplary organizations with a “2013-2014 Commuter Services Award.” These organizations were awarded for their efforts in shifting commuters drive-alone habits by offering a variety of commuter benefits.

The first award, the National Best Workplaces for Commuters (BWC), was presented by Julie Bond from the Center for Urban Transportation Research (CUTR). The Best Workplaces for Commuters designation bestows national recognition and an elite designation to employers offering outstanding commuter benefits, as set by the National Center for Transit Research (NCTR) and the U.S. Environmental Protection Agency (EPA). Five organizations received BWC recognition (see list below).

The **Commuter Services’** Gold and Platinum Level Awards are presented to companies meeting a number of regional criteria. **Commuter Services’** partners reaching Gold Level status have demonstrated a commitment to marketing, outreach and program development efforts. This includes participating in more than four outreach or transportation events and campaigns per year, offering incentives like preferred parking, transit subsidies, bike racks/showers, and alternative work schedules (such as compressed work weeks or teleworking programs), along with demonstrating a high percentage of employee participation.

Commuter Services’ partners reaching Platinum Level status have provided exemplary commuter benefits beyond the Gold Level status. This includes programs that match the Best Workplaces for Commuters criteria, offer innovative commuter benefits, incorporate alternative transportation modes into Green Team/Sustainability efforts, and significantly reduce the number of drive-alone commuters.

The awards and opening speeches were presented by Board Chair, Commissioner Cecil Pedigrass; Florida Department of Transportation Transit Projects Coordinator Debi Stephens; and Commuter Services Program Director, Christine Diaz. The Platinum award was presented to Kim Wheeler, Housing and Transportation Manager at South Seas Island Resort. Nearly 90% of South Seas Island Resort employees use an alternative to drive-alone commuting, whether participating in the company-sponsored vanpool program, choosing to live in onsite housing, or taking advantage of carpooling. Gold recipients included Lee County Board of County Commissioners, Lee County Clerk of Course, Lee County DOT Operations, and Florida Department of Environmental Protection – South District.

Congratulations to the following Commuter Services partners and award recipients:

South Seas Island Resort

Commuter Services Platinum Level Partner
2013-2014 Best Workplace for Commuters
Accepted by: Kim Wheeler

Accepted by: Linda Doggett
Acknowledgements: Judy Marcucci

Lee County Board of County Commissioners

Commuter Services Gold Level Partner
2013-2014 Best Workplace for Commuters
Accepted by: Commissioner Cecil Pedigrass
Acknowledgements: Jan Cook

Lee County DOT Operations

Commuter Services Gold Level Partner
2013/2014 Best Workplace for Commuters
Accepted by: David Loveland and Adrienne Solomon

Lee County Clerk of Courts

Commuter Services Gold Level Partner
2013/2014 Best Workplace for Commuters

Florida Department of Environmental Protection - South District

Commuter Services Gold Level Partner
2013/2014 Best Workplace for Commuters
Accepted by: Jon Iglehart and Martha Avila



Pictured left to right: (Back Row) Commissioner John Manning, Commissioner Larry Kiker, Board Chair Commissioner Cecil Pedigrass, Commissioner John Manning, (Front Row) Debi Stephens Department of Transportation Transit Projects Coordinator, Kim Wheeler Housing and Transportation Manager South Seas Island Resort, Linda Doggett Clerk of the Circuit Court & Comptroller for Lee County, Julie Bond Center for Urban Transportation Research Senior Research Associate, Christine Diaz Commuter Services Program Director, Jan Cook Lee County Facilities Administration, Adrienne Solomon Lee County DOT Office Manager, David Loveland Lee County DOT Director, Martha Avila FL Department of Environmental Protection Sustainability Program Coordinator and Jon Iglehart Director of District Management for FL Department of Environmental Protection – South District.

For more information about the Commuter Services program, call Commuter Services Program Director Christine Diaz at 1-866-585-RIDE (7433), Christine.Diaz@dot.state.fl.us or visit: www.CommuterServicesFL.com. For more information about the Best Workplaces for Commuters program at the Center for Urban Transportation Research, contact Julie Bond at 813-974-9799 or bond@cutr.usf.edu or visit www.bestworkplaces.org.

INFORMATION AND DISTRIBUTION ITEMS

- A. TMOC Roster Updated 2/2/2014
- B. Design Plans for Intersection Improvements at SR 82 and Veronica Shoemaker Parkway

LEE COUNTY METROPOLITAN PLANNING ORGANIZATION TRAFFIC MANAGEMENT AND OPERATIONS COMMITTEE

19 SEATS CURRENT VOTING MEMBERS: 15 QUORUM: 6

*CHAIRPERSON **VICE-CHAIRPERSON

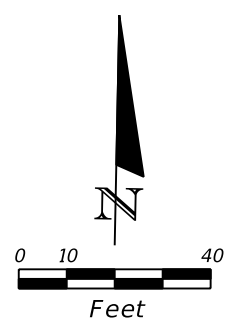
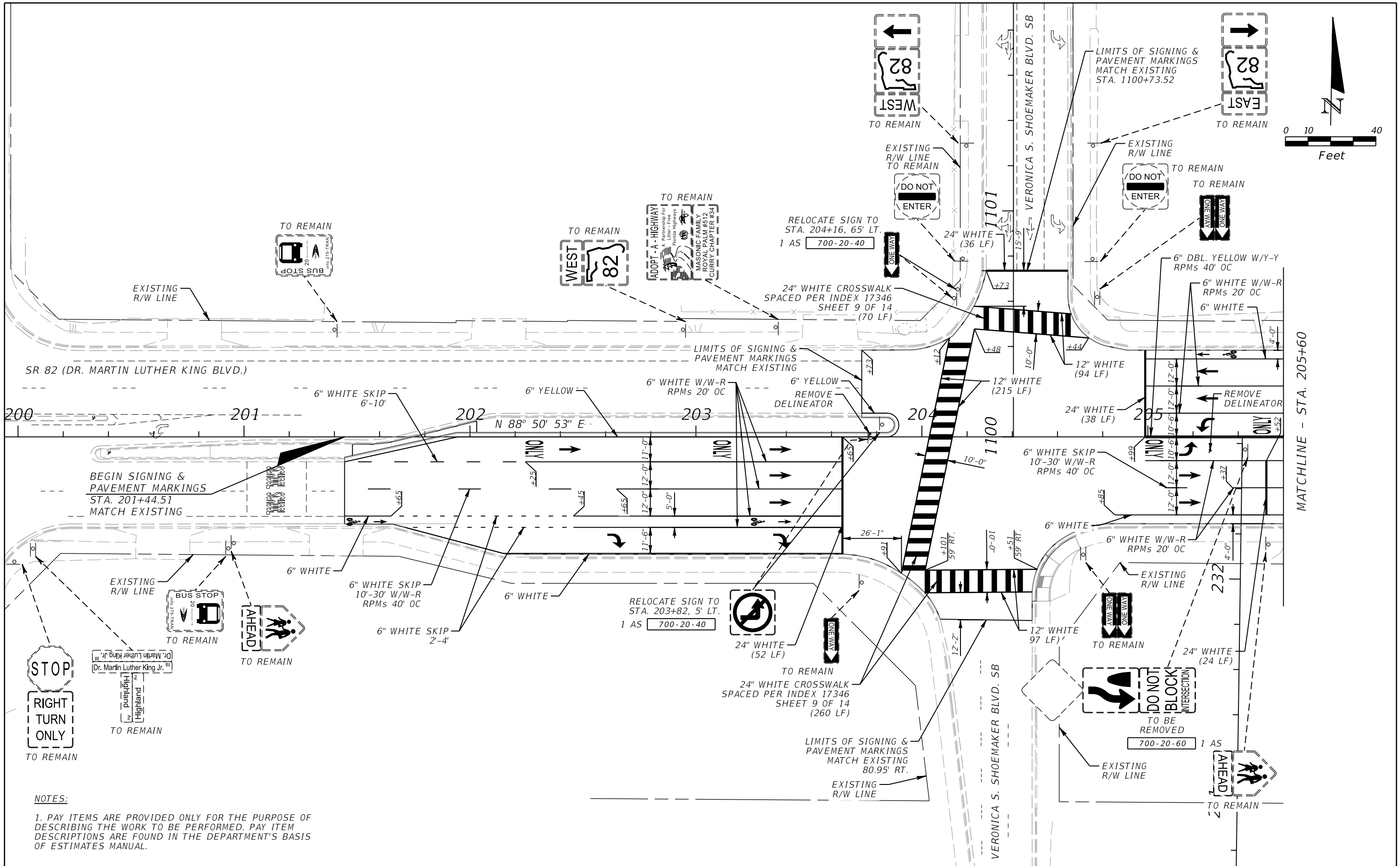
VOTING MEMBERS

Agency	Representative	Alternate
City of Bonita Springs	David Liccardi 9220 Bonita Beach Road Bonita Springs, FL 34135 239-949-6262 David.Liccardi@cityofbonitasprings.org	Kevin Riddle Kevin.riddle@cityofbonitasprings.org
City of Cape Coral - Public Works - Traffic Engineering	Gary Gasperini Engineer IV P.O. Box 150027 Cape Coral, FL 33915 ggasperi@capecoral.net	Stephanie Smith Project Manager P.O. Box 150027 Cape Coral, FL 33915 239-242-3218 srsmith@capecoral.net
City of Fort Myers - Public Works Department -Engineering	Marinko Gnjjidic P.O. Drawer 2217 Fort Myers, FL 33902 239-707-3242 (Cell) MGnjjidic@cityftmyers.com	Ben Bullert P.O. Drawer 2217 Fort Myers, FL 33902 bbullert@cityftmyers.com
Town of Fort Myers Beach	Josh Overmyer Town of Fort Myers Beach 2523 Estero Boulevard Fort Myers Beach, FL 33931 Phone: 239.765.0202 ext 115 josh@fortmyersbeachfl.gov	(VACANT)
City of Sanibel – Public Works Department	(VACANT)	(VACANT)
Lee County Department of Transportation – Traffic Division	Steve Jansen* PO Box 398 Fort Myers, FL 33902-0398 (239) 533 8503 SJansen@leegov.com	Greg Coggins 5650 Enterprise Parkway Fort Myers, FL 33905 (239) 694-7600 GCoggins@leegov.com
Lee County Department of Transportation – Toll Facilities Section	Susan Hopwood Leeway Manager (239) 533 0157 Shopwood@leegov.com	Deborah Crane DCrane@leegov.com

Lee County Transit Division (LeeTran)	Wayne Gaither 6035 Landing View Road Fort Myers, FL 33907 239-533-0344 wgaither@leegov.com	Anna Bielawska 6035 Landing View Road Fort Myers, FL 33907 ABielawska@leegov.com
Lee County Division of Public Safety – Emergency Management Program	Gerald Campbell Post Office Box 398 Fort Myers, FL 33902-0398 gcampbell@leegov.com	David Saniter Post Office Box 398 Fort Myers, FL 33902-0398 daves@leegov.com
Lee County Division of Public Safety – Emergency Medical Services Program	Ben Abes 14752 Ben C. Pratt/Six Mile Cypress Pkwy. Fort Myers, FL 33912 benjamin.abes@leegov.com 239-533-3635 (w) 239-229-1305 (c)	(VACANT)
Lee County Port Authority	Tom Nichols TJNichols@flylcpa.com	
The School District of Lee County – Transportation Services	Roger Lloyd Assistant Director RogerWL@leeschools.net	Robert Morgan Transportation Director RobertM@leeschools.net Kathy McLean Supervisor KathyLM@leeschools.net
Florida Highway Patrol	(VACANT)	(VACANT)
Lee County Sheriff's Office	Lt. Donnie Fewell DFewell@sheriffleefl.org	Sgt. Dennis Petracca dpetracca@sheriffleefl.org 239 477-1636
Cape Coral Police Department	Sergeant Patrick O Grady pogrady@capecoral.net	Sergeant John Kulko jkulko@capecoral.net
Fort Myers Police Department	(VACANT)	Lt. Jay Rodriguez jrodriguez@fmpolice.com

Lee County MPO Bicycle Pedestrian Committee	Dan Moser 1449 Linhart Avenue Fort Myers, FL 33901 239-334-6417 dan@floridabicycle.org	(VACANT)
Lee County Community Traffic Safety Team	Jay Anderson** P.O. Box 62000 FORT Myers, FL 33906 (941) 952 7285 (239) 340 8693 (Cell) justdrivefla@embarqmail.com	(VACANT)
Lee County Fire Chiefs Association	(VACANT)	(VACANT)
NON VOTING MEMBERS		
Collier County Transportation Department	Anthony N Khawaja anthonyKhawaja@colliergov.net	Rick Bossert rickbossert@colliergov.net 239/252 6066
Collier County MPO staff	Lorraine Lantz Collier MPO 2885 S. Horseshoe Drive Naples, FL 34104 lorrainelantz@colliergov.net	(VACANT)
Collier County School Board	(VACANT)	(VACANT)
Charlotte County Engineering Department	(VACANT)	(VACANT)

Feb 2, 2014



NOTES:
 1. PAY ITEMS ARE PROVIDED ONLY FOR THE PURPOSE OF DESCRIBING THE WORK TO BE PERFORMED. PAY ITEM DESCRIPTIONS ARE FOUND IN THE DEPARTMENT'S BASIS OF ESTIMATES MANUAL.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

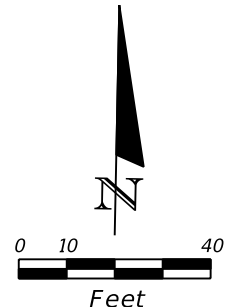
METRIC ENGINEERING
 CADE BRAUD, P.E. # 64488
 METRIC ENGINEERING, INC.
 615 CRESCENT EXECUTIVE CT.
 SUITE 524
 LAKE MARY, FLORIDA 32746
 TEL. (407) 644-1898
 FAX. (407) 644-2376
 CERTIFICATE OF AUTHORIZATION 2294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
82	LEE	430858-1-52-01

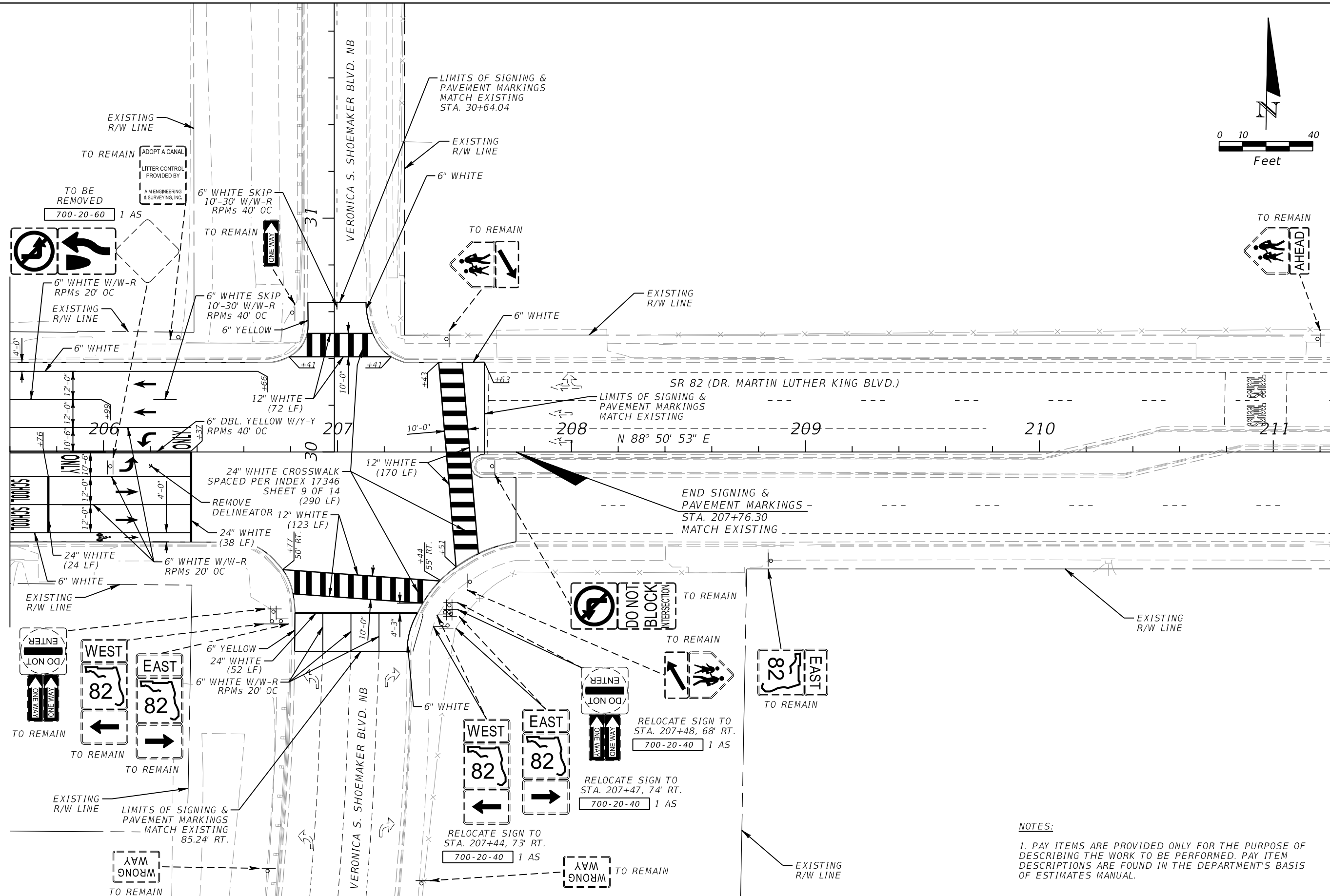
**SIGNING AND PAVEMENT
MARKING PLAN**

SHEET NO.
19

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