TRAFFIC MANAGEMENT OPERATIONS COMMITTEE

1:00 p.m., Wednesday, August 10, 2016 Fort Myers Regional Library, Room A 1651 Lee Street, Fort Myers, FL 33901 239-244-2220



Call to Order

Roll Call

Public Comments on Items on the Agenda

Approval of Minutes

1. *Minutes from the June 17, 2016 Meeting Minutes

New Business

- 2. Presentation of the SR 82 Widening Projects in Lee County (FDOT)
- 3. MPO Staff Proposed Bicycle Treatments at Continuous Flow Intersections (Ron Gogoi)
- 4. Presentation on Landside Operations at RSW (April Russ, Port Authority)
- 5. Presentation of Traffic Operations Strategies/Improvements in Collier County (Anthony Khawaja, Collier County Traffic Operations)

Old Business

- 6. Report on CTST Intersection Reviews (Steve Jansen)
- 7. Update on the Commuter Services Activity in Lee and Collier Counties
- 8. Local Government Reports on Traffic Operations Related Projects

Other Business

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

Adjournment

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.



PRESENTATION ON THE SR 82 PROJECTS IN LEE COUNTY

DISCUSSION ITEM:

The FDOT lead project manager for the SR 82 widening projects will provide a presentation on the four project segments in Lee County. The current schedule for the four segments is listed below:

- SR 82 from Lee Boulevard to Shawnee Road (just east of Daniels/Gunnery) –
 Construction is programmed for this fiscal year (widening from 2 to 6 lanes).
 Project also includes a Continuous Flow Intersection at Gunnery and Daniels, the first of its kind in Florida
- SR 82 from Shawnee Road to Alabama Road Construction is not programmed in the five year work program but is planned for FY 2021/2022 in the SIS Cost Feasible Plan (widening from 2 to 6 lanes)
- SR 82 from Alabama Road to Homestead Road Right-of-way is programmed for this fiscal year and construction is programmed for FY 2017/2018 (widening from 2 to 4 lanes)
- SR 82 from Homestead Road to the Hendry County line Construction is programmed for FY 2017/2018 (widening from 2 to 4 lanes)

MPO STAFF PROPOSED BICYCLE TREATMENTS AT CONTINUOUS FLOW INTERSECTIONS

INFORMATION ITEM:

FDOT asked MPO staff to review a conceptual sketch of a Continuous Flow Intersection at Colonial Boulevard and Six Mile Cypress Parkway for bicycle pedestrian accessibility. Staff researched treatments recommended in NACTO's Urban Bicycle Guide and those implemented in CFIs in other parts of the country and submitted the **attached** list of treatments to FDOT to consider. The Gunnery/SR 82 will be built as part of the 6-lane widening of SR 82 from Colonial to Daniels, which will commence early next year, while the construction of the latter may happen as early as 2020 and no later than 2023. The design phase for the Colonial/Six Mile CFI will start next year.

FDOT design teams for both projects are currently reviewing the MPO proposals, and they are also evaluating the applicability of green bicycle lanes at these intersections.

BIKE PED ACCESIBILITY COMMENTS

I have reviewed the conceptual drawings regarding bicycle and pedestrian accessibility along the Colonial and Six Mile Cypress/Ortiz Road corridors and through the proposed CFI and DDI within the project limits, and have the following comments:

- Pedestrian and bicycle accessibility should not be an issue with the DDI if 85-90% of users surveyed around the country have stated that a DDI improves bicycle and pedestrian safety (the survey was mentioned in the FDOT presentation of the I 75 and University Interchange DDI). The VISSIM simulation of the I 75 and University Interchange DDI seems to confirm that observation. Assuming the design of the DDI at the University interchange will be replicated at the Colonial interchange, the DDI at Colonial should be easy and comfortable for cyclists and pedestrians to navigate.
- Pedestrians Assuming that the pedestrian treatment of the SR 82/Gunnery CFI is replicated at the Colonial/Ortiz intersection, the proposed CFI should be an improvement to pedestrian accessibility vs. the status quo at this intersection. The inclusion of pedestrian islands and pedestrian signals as shown in the conceptual design should address pedestrian safety. However, as the design plans are developed, please consider inclusion of the following:
 - Accessible Pedestrian Signals or Audible Pedestrian Traffic Signals so that these signals are inclusive and address the needs of blind pedestrians
 - Considering that the intersection is located within a high activity and growing area that will continue to generate considerable pedestrian volumes, ensure there is generous surface area and <u>storage space</u> in each of the pedestrian islands to comfortably hold pedestrians, recreational cyclists, and wheelchair users.
- Cyclists Note that the proposed CFI is located within the premier Lee County Tour De Parks Bicycle Route and that both Colonial Boulevard and Six Mile Cypress Parkway/Ortiz are complete street corridors with increasing number of individual and group bicyclists using these roadways. A bike friendly design will go a long way for a buy in of the CFI from our robust group of bicycle advocates in Lee County. Recreational cyclists is expected to use the shared use paths, the crosswalks and pedestrian islands to cross the intersection. If the pedestrian islands have adequate storage as explained above, recreational cyclists should not have problems in navigating the CFI.

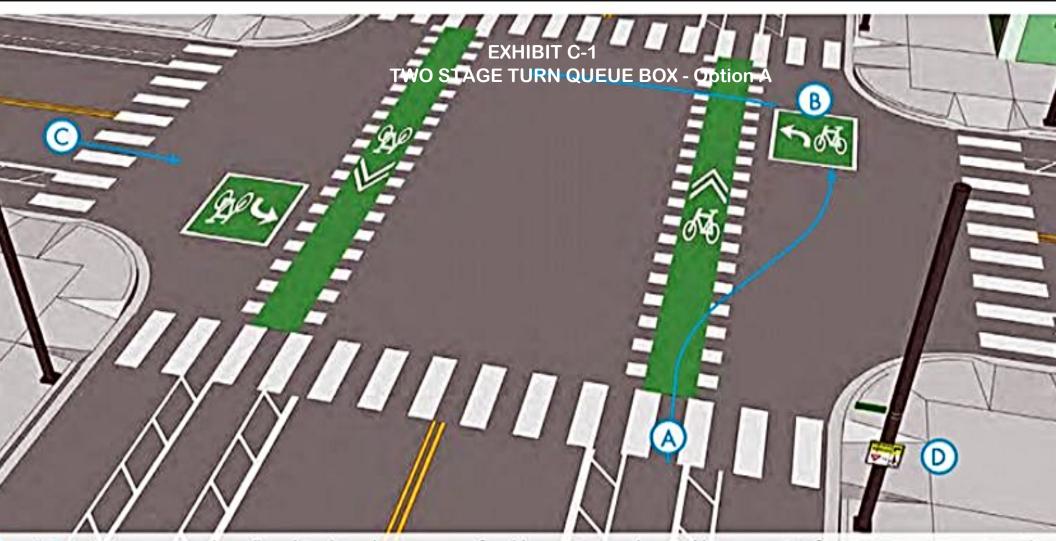
However, for our <u>experienced</u> group of bicyclists who ride on the roadway on bike lanes/shoulders alone or in groups, consider providing visible bicycle treatments highlighted in NACTO'S *Urban Bikeway Design Guide* and the *PPM* that addresses comfort level and bike safety. Also, provide options that eliminate taking unnecessary risks. For example, left turning cyclists should be given an alternative option other than being forced into walking their bikes through the crosswalks and the pedestrian islands. Having to share the crosswalks and pedestrian islands increases delay to this group of cyclists and also pose conflicts with pedestrians and wheelchair users. Without an alternative option and adequate bicycle treatments, some of them may take unnecessary risks like cutting through three (3) lanes of traffic to get into the left turn lanes. The following treatments should be considered to address this group of cyclists, and **no place is ideal to have them than a CFI which is new to Floridians:**

- Buffered Bike Lanes: Provide buffered bike lanes consistent with the FDOT PPM along Six Mile Cypress Parkway/Ortiz and Colonial Boulevard.
- o *Bicycle Pavement Markings:* On all approaches (EB/WB/NB/SB) provide bicycle pavement markings that indicate the intended path of cyclists through the intersection that will

- guide cyclists on a safe and direct path through the intersection (See Exhibits A-1 and A-2 for treatments).
- o Two Stage Turn Queue Boxes: On the NB (Six Mile Cypress Parkway) and SB (Ortiz) approaches of the intersection, provide Two-Stage Turn Queue Boxes to facilitate left turn movements for cyclists riding on Colonial Boulevard to Six Mile and Ortiz respectively (See Exhibits B-1, B-2, B-3). This will increase bicyclist ability to safely and comfortably make left turns, provide a formal queuing space for bicyclists making a two stage turn, separate turning bicyclists from through bicyclists, and prevent conflicts arising from bicyclists queuing in a bike lane or cross walk. Use NACTO Urban Bikeway Design Guide to design these queue boxes. The pedestrian islands and crosswalks in the conceptual plan of this CFI, or those shown in the design plans of the SR 82/Gunnery if replicated at this intersection will have to be redesigned (Exhibits C-1, C-2A and C-2B show where these treatments will have to be installed) to accommodate the Two Stage Turn Queue Boxes.
- O Additionally provide Two-Stage Turn Queue Boxes on the EB and WB Colonial approaches of the intersection to facilitate left turn movements for cyclists riding on Ortiz and Six Mile Cypress to Colonial. Alternatively, provide green and marked bike boxes on NB Six Mile and SB Ortiz approaches that will allow cyclists priority lefts to Colonial (See Exhibit D). Keep in mind that even w/out these boxes there will be some cyclists who will still attempt a two stage left turn at the intersection but having the boxes out there will provide visibility and reduce bicycle and motor vehicle conflicts.
- o *Green Color Bike Lanes* Where dashed lines in the bike lanes are shown at the beginning of all right turn lanes, provide green bike lanes in combination with the dashed lines if possible (See Exhibits C-2A and 2B for an illustration). This is consistent with Section 8.4.2.2 (pages 8-12) in the PPM, and what is recommended in the NACTO *Urban Bikeway Design Guide*.
- Consider Green Color Bike Lanes in combination with the dashed lines also where the WB bike lanes will cross merging right turn right turn lane from SB Ortiz and the entry to the EB left turn lane, and where EB bike lanes will cross the merging right turn lane from NB Six Mile Cypress and the entry to the WB left turn lane (See Exhibits C-2A and 2B for an illustration).
- o Among the existing CFIs, the one at the US 550/US 160 intersection in Durango, CO have used a Two Stage Queue Box and exclusive bicycle phase but theirs is a T intersection. Other existing CFIs may not be using bicycle treatments as they are not on "complete street" roadways with bike routes.
- While this is input on bicycle accessibility at the Colonial/Six Mile Cypress Pkwy CFI, this is also applicable to the Daniels/82 CFI, and if there is still time before the final design plans are completed, the above suggestions should be taken into consideration in that CFI as well.







description: A two-stage turn box allows bicyclists who are not comfortable merging into the travel lane to position for a turn at an intersection. They rovide a visible storage space away from motorists and other bicyclists allowing easier left turns from a right side bike lane, or right turns from a left ide bike lane.

yclists

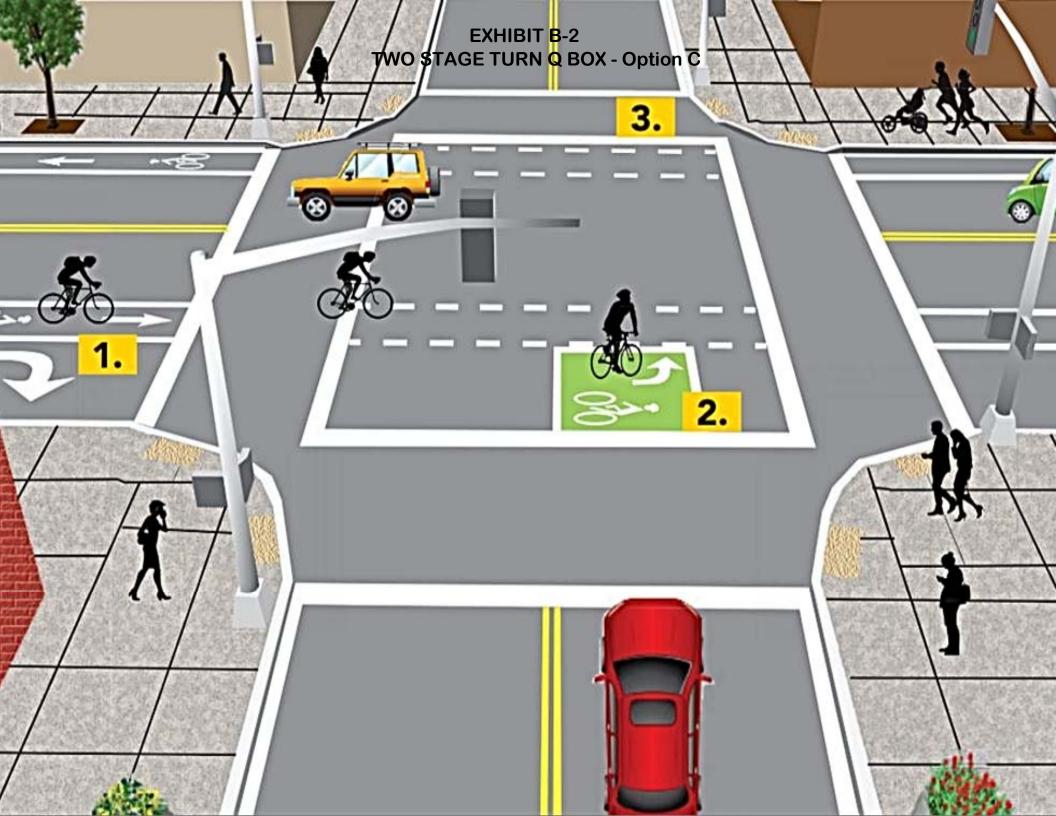
Proceed through the intersection and into the marked turn box. Turn your bicycle in the direction you want to travel and wait for a green light, or for when it is clear to cross if at a non-signalized intersection, and proceed straight through the intersection.

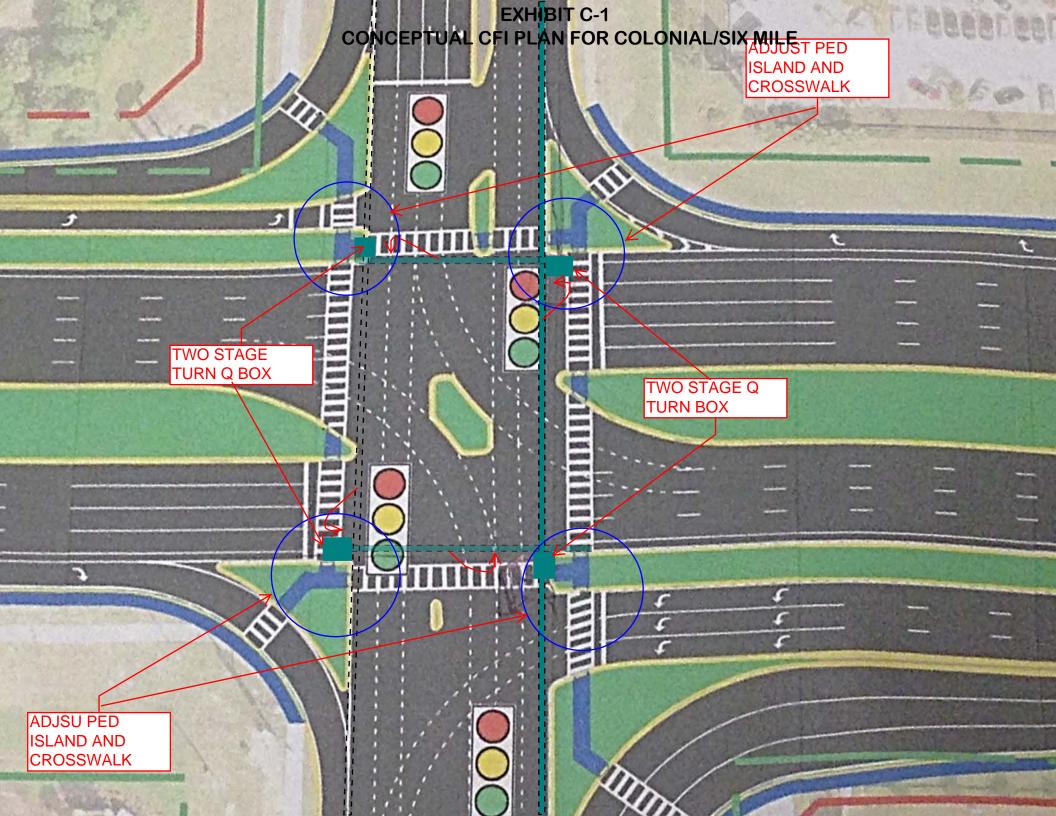
Make sure to position yourself out of the path of through moving bicyclists when in the two-stage turn box.

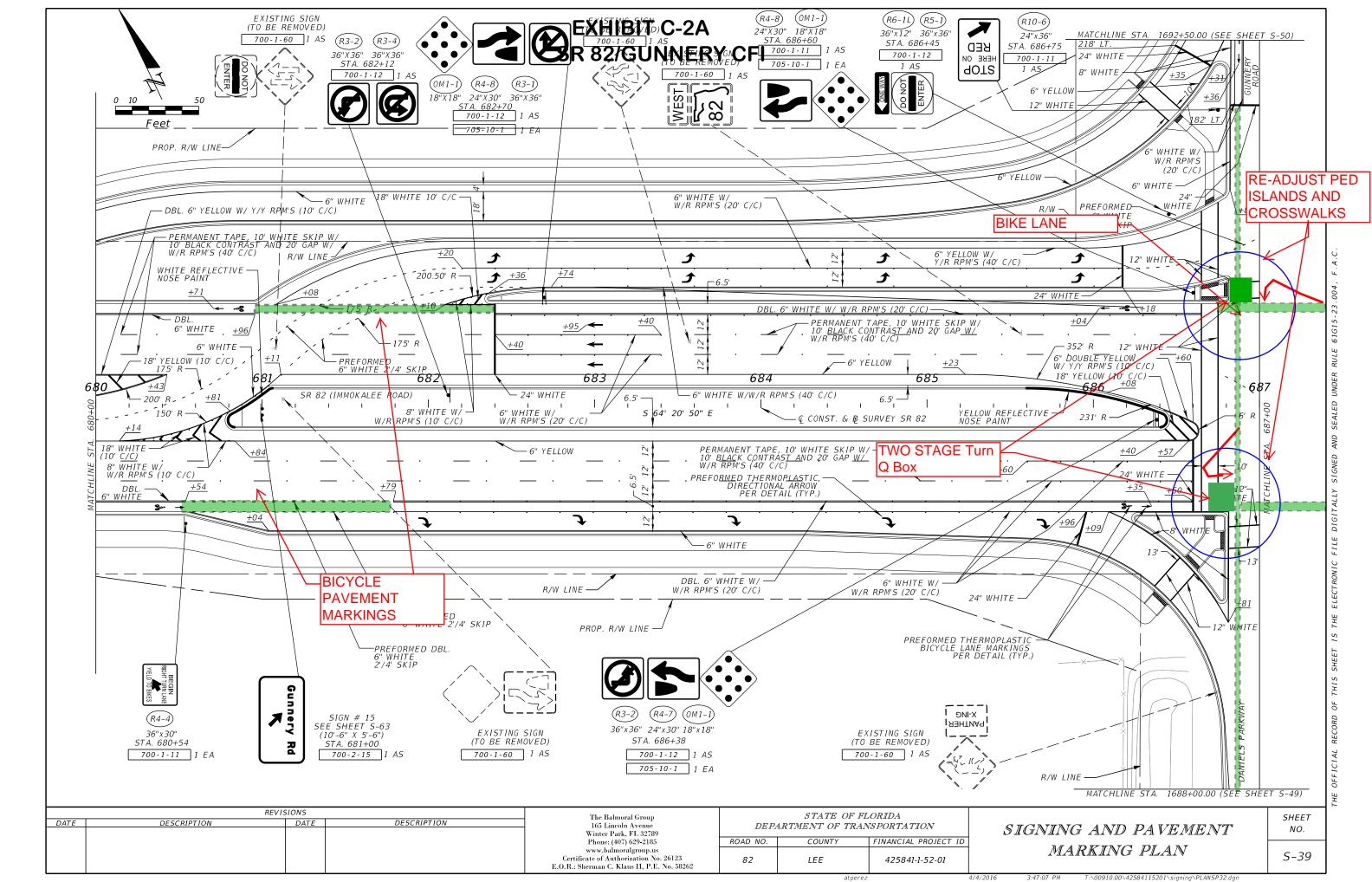
Motorists

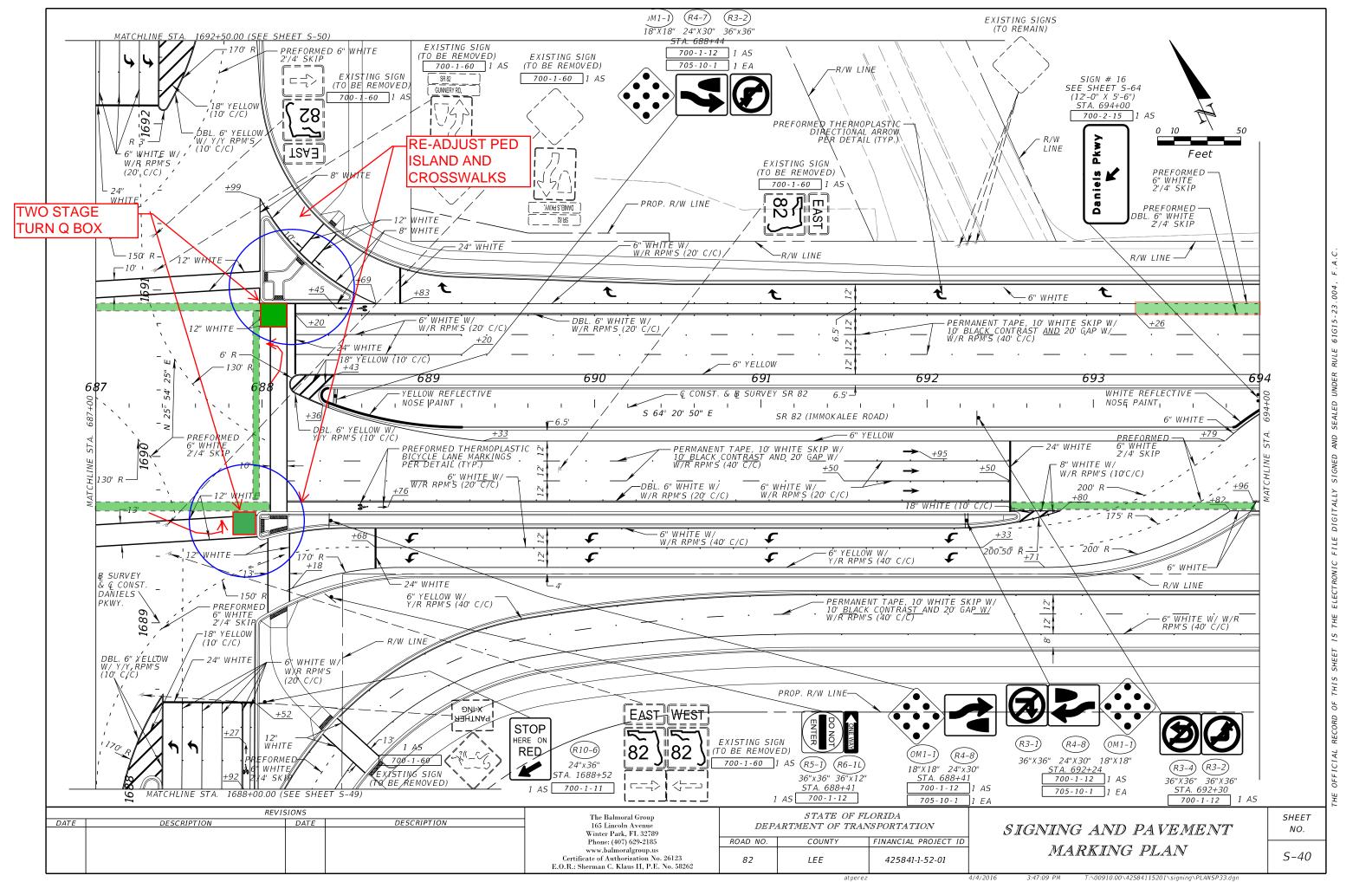
- Whether on the same street or the cross street, make sure to keep clear of bicyclists waiting in the two-stage turn box.
- When approaching an intersection with turn boxes, check for signage prohibiting right turns on red.

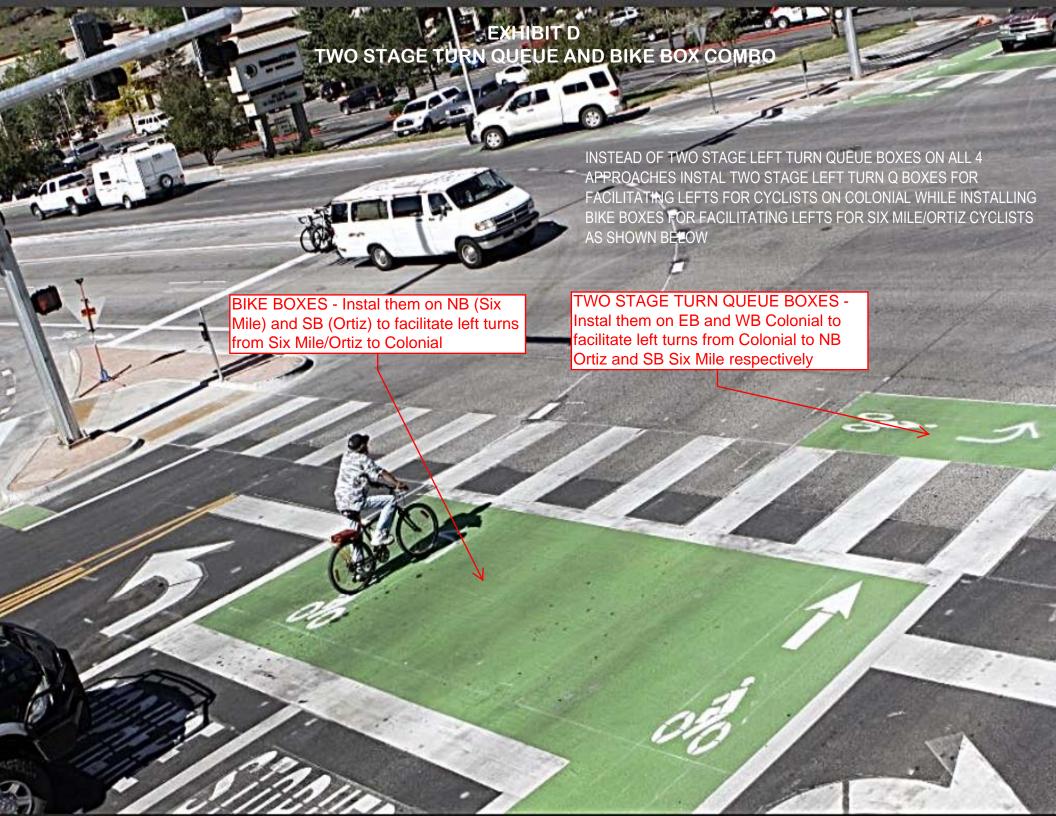












PRESENTATION ON LANDSIDE OPERATIONS AT RSW

DISCUSSION ITEM:

April Russ with Lee County Port Authority will give a presentation of landside operations in Southwest Florida International Airport including rental car operations, parking operations, and taxicab and ground transportation operations. April is the newest member of the Traffic Management Operations Committee and she will be representing the Lee County Port Authority.

PRESENTATION OF TRAFFIC OPERATION STRATEGIES/IMPROVEMENTS IN COLLIER COUNTY

INFORMATION AND DISCUSSION ITEM

Anthony Khawaja of Collier County Traffic Division will provide an update on important traffic operation improvements that are currently under way or will be soon under way in Collier County.

REPORT ON THE CTST INTERSECTION REVIEWS

INFORMATION AND DISCUSSION ITEM

The Lee County Community Traffic Safety Team (CTST) periodically conducts field reviews of intersections for operational and safety deficiencies on request. The intersection reviews typically result in recommendations addressing deficiencies which are then transmitted to FDOT and/or the local jurisdictions for action. TMOC Chair Steve Jansen will present the results of intersection reviews conducted since May.

INFORMATION AND DISTRIBUTION ITEMS

1. Updated TMOC Roster

LEE COUNTY METROPOLITAN PLANNING ORGANIZATION TRAFFIC MANAGEMENT AND OPERATIONS COMMITTEE

19 SEATS CURRENT VOTING MEMBERS: 17 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			
City of Cape Coral - Public Works - Traffic Engineering	William Corbett Traffic Engineer P.O. Box 150027 Cape Coral, FL 33915 wcorbett@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 Gnjidic P.O. Drawer 2217 Fort Myers, FL 33902 239-707-3242 (Cell) MGnjidic@cityftmyers.com	Carl Karakos P.O. Drawer 2217 Fort Myers, FL 33902 (239) 321-7458 ckarakos@cityftmyers.com		
Town of Fort Myers Beach				
	(VACANT)	(VACANT)		
City of Sanibel	Craig Chandler 800 Dunlop Road Sanibel, Florida, 33957 (239) 472-4136 Craig.Chandler@mysanibel.com			
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 Toll Facilities Operations Manager Manager (239) 533 0157 Shopwood@leegov.com	Marie Marro Toll Facility Manager Mmarro@leegov.com		

Lee County Transit Division (LeeTran)	Wayne Gaither 3401 Metro Parkway Fort Myers, FL 33901 wgaither@leegov.com	Jerl McCollum 3401 Metro Parkway Fort Myers, FL 33901 JMcCollum@leegov.com
Lee County Division of Public Safety – Emergency Management Program	Jim Bjostad 2675 Ortiz Avenue Fort Myers, FL 33905 JBjostad@leegov.com	Lee Mayfield 2675 Ortiz Avenue Fort Myers, FL 33905 LMayfield@leegov.com Bill Floyd BFLOYD@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)	
Lee County Port Authority	April Russ Landside Manager, Operations arruss@flylcpa.com 239-590 4725	
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	Captain Conner Cardwell connercardwell@flhsmv.gov	
Lee County Sheriff's Office	Lt. Dennis Petracca dpetracca@sheriffleefl.org 239 477-1651	Dominic Konieczki DKonieczki@sheriffleefl.org
Cape Coral Police Department	Sergeant Patrick O Grady pogrady@capecoral.net	Sergeant John Kulko jkulko@capecoral.net
Fort Myers Police Department	Dallas Smart DSmart@fmpolice.com	Lt. Jay Rodriguez <u>irodriguez@fmpolice.com</u>

Lee County MPO Bicycle Pedestrian Committee	Dan Moser 1449 Linhart Avenue Fort Myers, FL 33901 239-334-6417 dan@floridabicycle.org	
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	
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	Anne McLaughlin 2885 South Horseshoe Dr. Naples, FL 34104 239-252-5884 AnneMcLaughlin@colliergov.net	2885 South Horseshoe Drive Naples, FL 34104 239-252-5874 ericortman@colliergov.net
Collier County School Board	(VACANT)	(VACANT)
Charlotte County Engineering Department	(VACANT)	(VACANT)
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July 26, 2016

LeeTran Monthly Passenger Trip Report - June

Route No.	Service Area	Jun-15	Jun-16	Pct. Change
5	Forum	5,531	5,717	3.36%
10	Dunbar	8,156	7,618	-6.60%
15	Broadway Avenue / Tice	6,198	5,148	-16.94%
20	MLK Boulevard	11,936	10,697	-10.38%
30	Cape Coral Pkwy	8,976	7,376	-17.83%
40	Santa Barbara Boulevard	4,367	4,018	-7.99%
50	Daniels Parkway / Summerlin Road	8,365	7,076	-15.41%
60	FGCU / San Carlos Park	2,783	2,229	-19.91%
70	Del Prado Boulevard	15,716	13,836	-11.96%
80	Metro Parkway	2,303	2,020	-12.29%
100	Palm Beach Boulevard	25,366	22,436	-11.55%
110	Lehigh Acres	19,284	16,985	-11.92%
120	Veterans Parkway / Country Club Blvd	4,802	3,986	-16.99%
130	South Fort Myers	12,480	10,441	-16.34%
140	US 41 - Bell Tower/Merchant's Crossing	79,581	70,098	-11.92%
240	US 41 - Bell Tower/Coconut Point	14,936	13,254	-11.26%
	Total (Rt 140 & 240)	94,517	83,352	-11.81%
150	Bonita Springs	3,591	2,867	-20.16%
160	Pine Island	44	18	-59.09%
400	Fort Myers Beach - Non Season	16,413	14,867	-9.42%
410	Fort Myers Beach - Season			
490	Summerlin Square Park and Ride			
500	Long Downtown Trolley Route			
515	Lehigh Acres Joel Circulator	4,387	4,453	1.50%
590	North Fort Myers - North Loop	6,612	6,689	1.16%
595	North Fort Myers - South Loop	3,906	3,619	-7.35%
600	LinC	9,201	7,796	-15.27%
999	Special Trips	64	30	-53.13%
	Total June	274,998	243,274	-11.54%

Year-to-Date Fixed-Route Passenger Trips	FY15	FY16	Pct. Change
October - June	2,930,766	2,594,426	-11.48%

LeeTran Passport Service Passenger Trips	Jun-15	Jun-16	Pct. Change
June Comparison	9,463	9,973	5.39%
Year-to-Date Passport Service Passenger Trips	FY15	FY16	Pct. Change
October - June	86,023	89,784	4.37%
Passport Premium Passenger Trips	May-16	Jun-16	Pct. Change
Month-over-Month	393	362	-7.89%
Passport Premium Passenger Trips		FY16	
		2,639	

Average Daily Passenger Trips			
Day of Week	Jun-15	Jun-16	
Avg Weekday	10,594	8,891	
Avg Saturday	7,514	6,929	
Avg Sunday	2,837	2,681	

Day-Count			
Service Day	Jun-15	Jun-16	
Weekdays	22	22	
Saturdays	4	4	
Sundays	4	4	
No Service	0	0	

Passenger Trips			
Route Type	Jun-15	Jun-16	
Fixed Route	258,585	228,407	
Beach Routes	16,413	14,867	
Totals	274,998	243,274	

Holidays	
None	

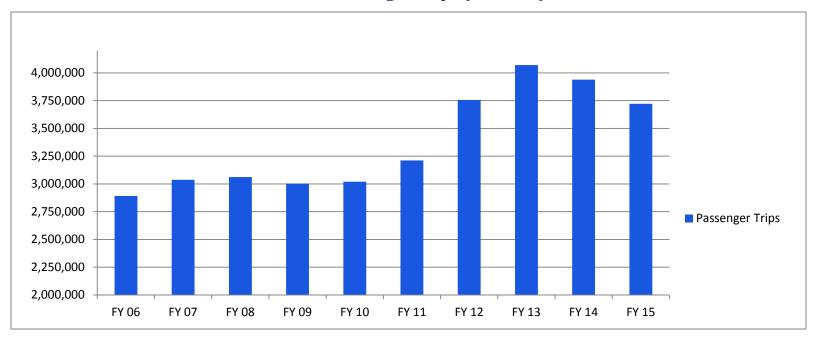
	System Changes
ſ	None

Events	
Summer Bus Bash - June 13-17	

Notes
None

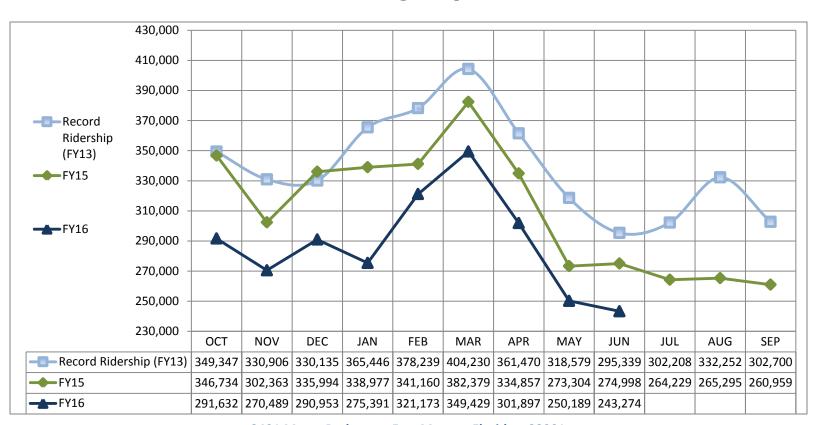
Fixed-Route Schedule Adherence					
Service Day	Early	On-Time	Late		
Weekday	29.5%	59.6%	10.9%		
Saturday	31.7%	59.5%	8.8%		
Sunday	32.3%	56.8%	11.0%		

Annual Passenger Trips (10 Years)



REVENUE HOURS	FY06	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15
	181,151	184,523	185,785	184,162	184,477	179,872	182,972	183,857	178,752	189,313

Passenger Trips



3401 Metro Parkway - Fort Myers - Florida - 33901

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