

BICYCLE PEDESTRIAN COORDINATING COMMITTEE

10:00 a.m., Tuesday, August 23, 2016
Fort Myers Regional Library, Room A
1651 Lee Street, Fort Myers, FL 33901
239-244-2220



AGENDA

Call to Order and Roll Call of BPCC Meeting – 10:00 AM

- 1) *Approval of the June 28, 2016 BPCC Meeting Minutes

New Business

- 2) Presentation of the SR 82 Widening Projects in Lee County (Ray Lee and Jay Porter)
- 3) MPO Staff Proposed Bicycle Treatments at Continuous Flow Intersections (Ron Gogoi)
- 4) Presentation on LeeTran's Transit Development Plan (LaChant Barnett, TOA)
- 5) SUN Trail Update (Providance Nagy)

Old Business

6. TIGER and Other MPO Project Updates/Developments (Don Scott)
7. Local Government Reports on Bicycle Pedestrian Related Projects
8. LeeTran Report
9. FDOT Report
10. Public and Member Comments on Items not on the Agenda
11. Discussion of a Joint Meeting Date with the Charlotte County-Punta Gorda MPO Bicycle Pedestrian Advisory Committee
12. Announcements
13. Information and Distribution Items

Adjournment

Next BPCC Meeting  September 27, 2016

* Action Items + May Require Action

Public participation is solicited without regard to race, color, national origin, age, sex, religion, disability, or family status. Persons who require special accommodations under the Americans with Disabilities Act or persons who require translation services (free of charge) should contact Mr. Johnny Limbaugh at the Lee MPO at 239-330-2242 or by email at jlimbaugh@leempo.com at least seven (7) days prior to the meeting. If you are hearing or speech impaired call (800) 955-8770 Voice / (800) 955-8771 TDD. 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 Lee County MPO Title VI Coordinator Johnny Limbaugh at (239) 330-2242 or by writing him at P.O. Box 150045, Cape Coral, Florida 33915-0045.

**THE MINUTES FROM THE JUNE 17, 2016 MEETING WILL BE
EMAILED BY FRIDAY, AUGUST 19TH**

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 CFI will be built as part of the 6-lane widening of SR 82 from Colonial to Shawnee, which will commence early next year, while the construction of the Colonial/Six Mile CFI may take place in 2023.

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 storage space 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 experienced 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.
- *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).

- *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.
- *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.
- *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).
- 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.

EXHIBIT A-1
BICYCLE INTERSECTION MARKING - Option A

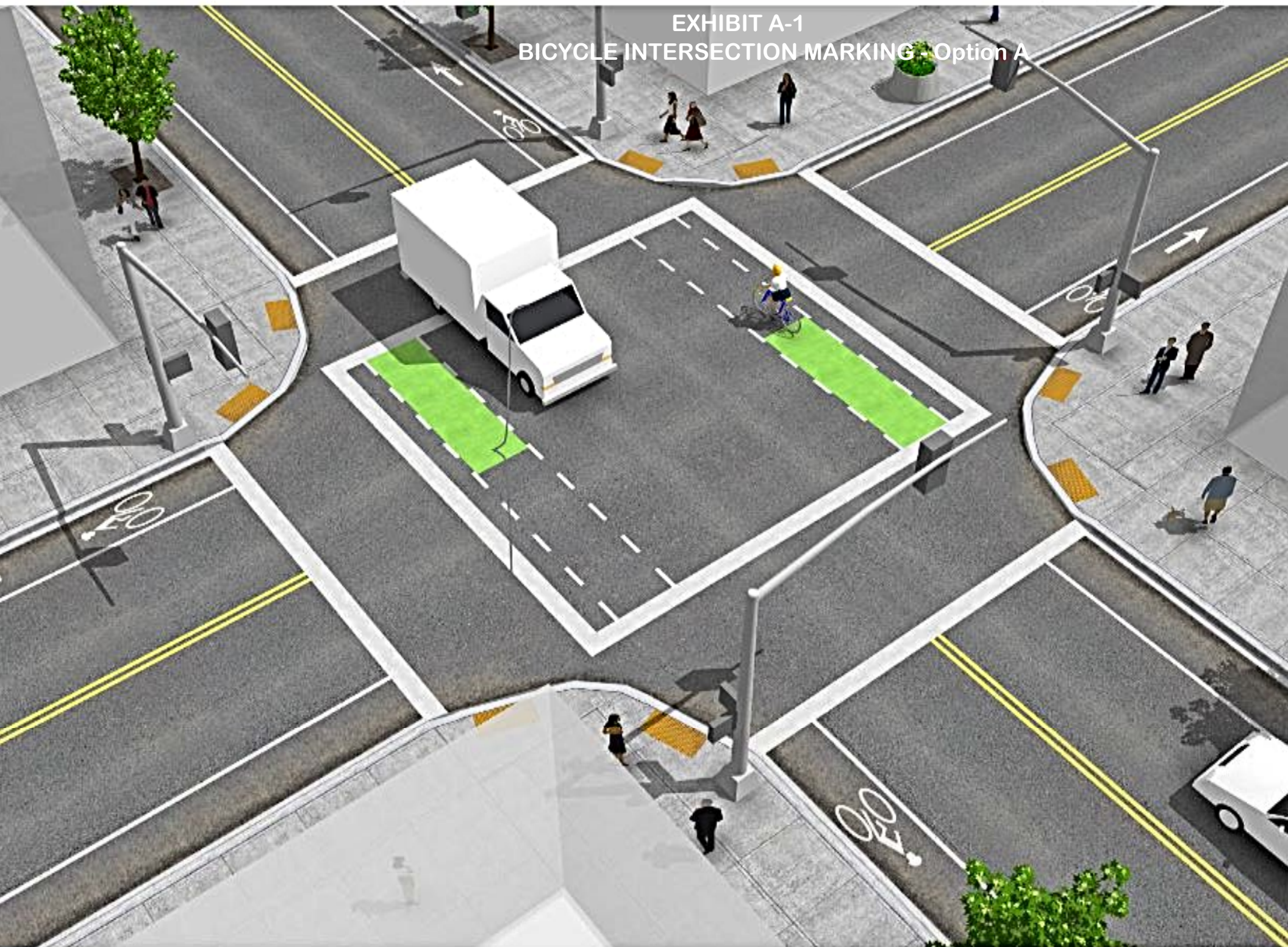
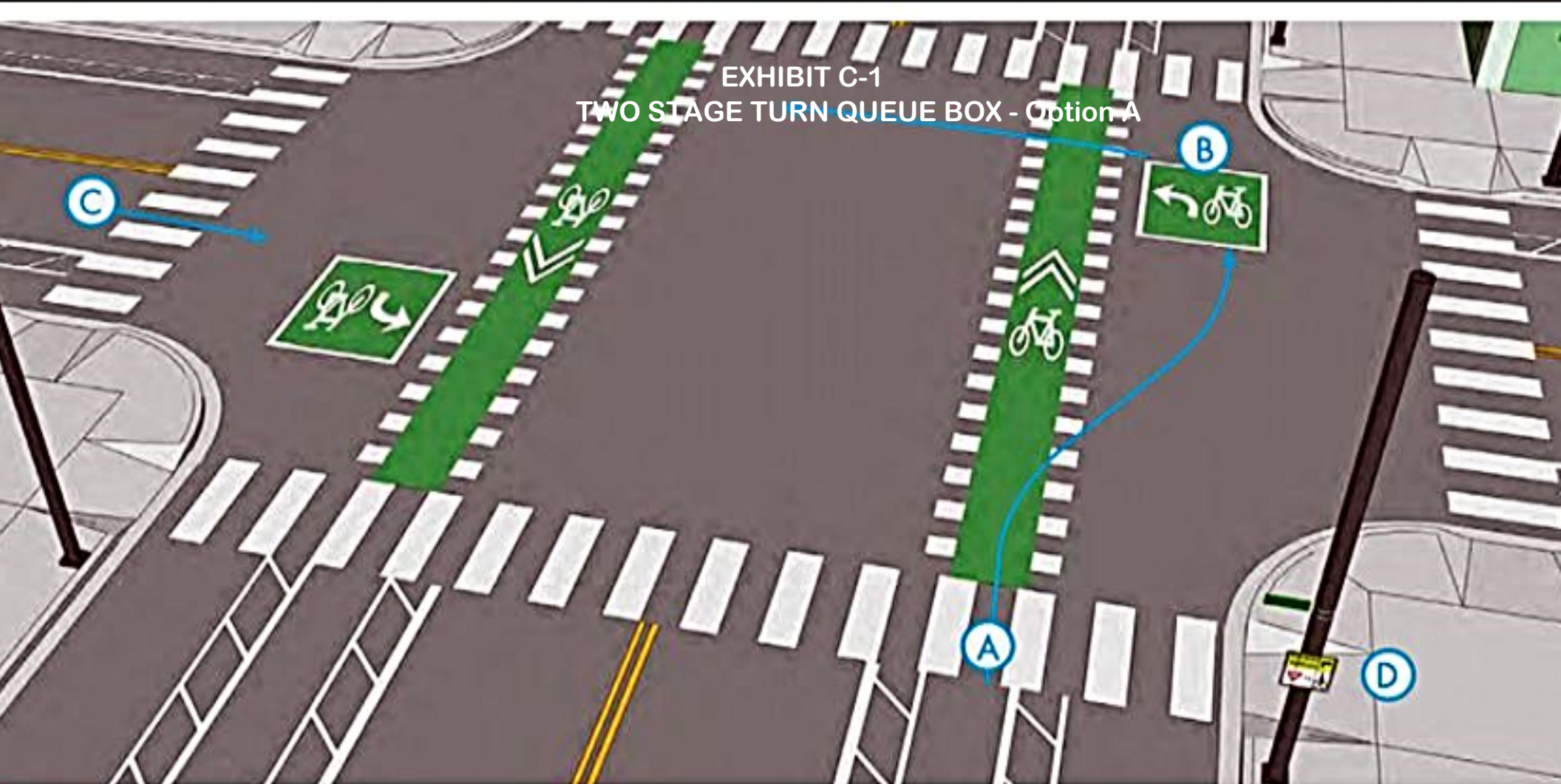


EXHIBIT A-2
BICYCLE INTERSECTION MARKINGS - Option B



EXHIBIT C-1
TWO STAGE TURN QUEUE BOX - Option A



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 provide 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 side bike lane.

Bicyclists

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

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

EXHIBIT B-2
TWO STAGE TURN Q BOX - Option B



EXHIBIT B-2
TWO STAGE TURN Q BOX - Option C



EXHIBIT C-1
CONCEPTUAL CFI PLAN FOR COLONIAL/SIX MILE

ADJUST PED
ISLAND AND
CROSSWALK

TWO STAGE
TURN Q BOX

TWO STAGE Q
TURN BOX

ADJSU PED
ISLAND AND
CROSSWALK

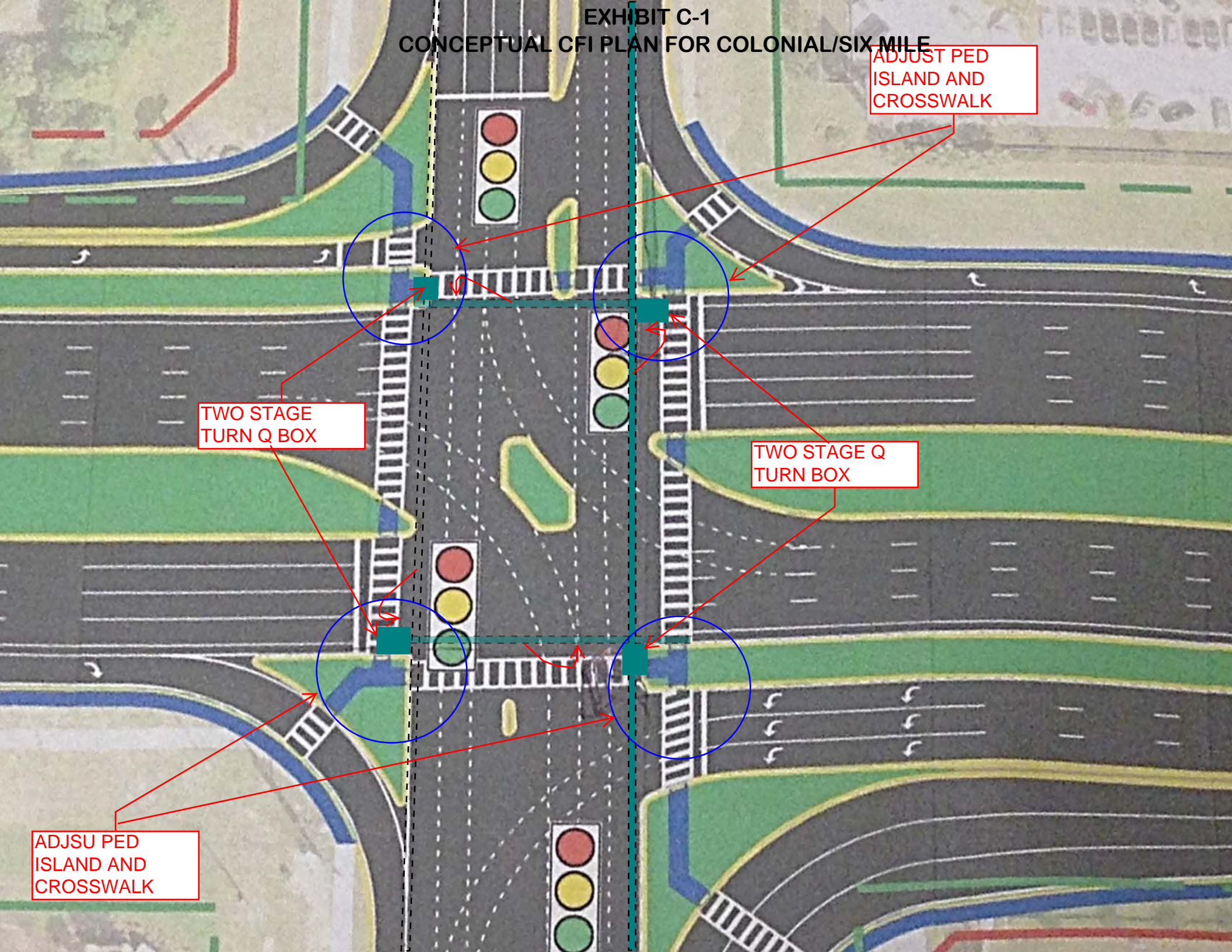
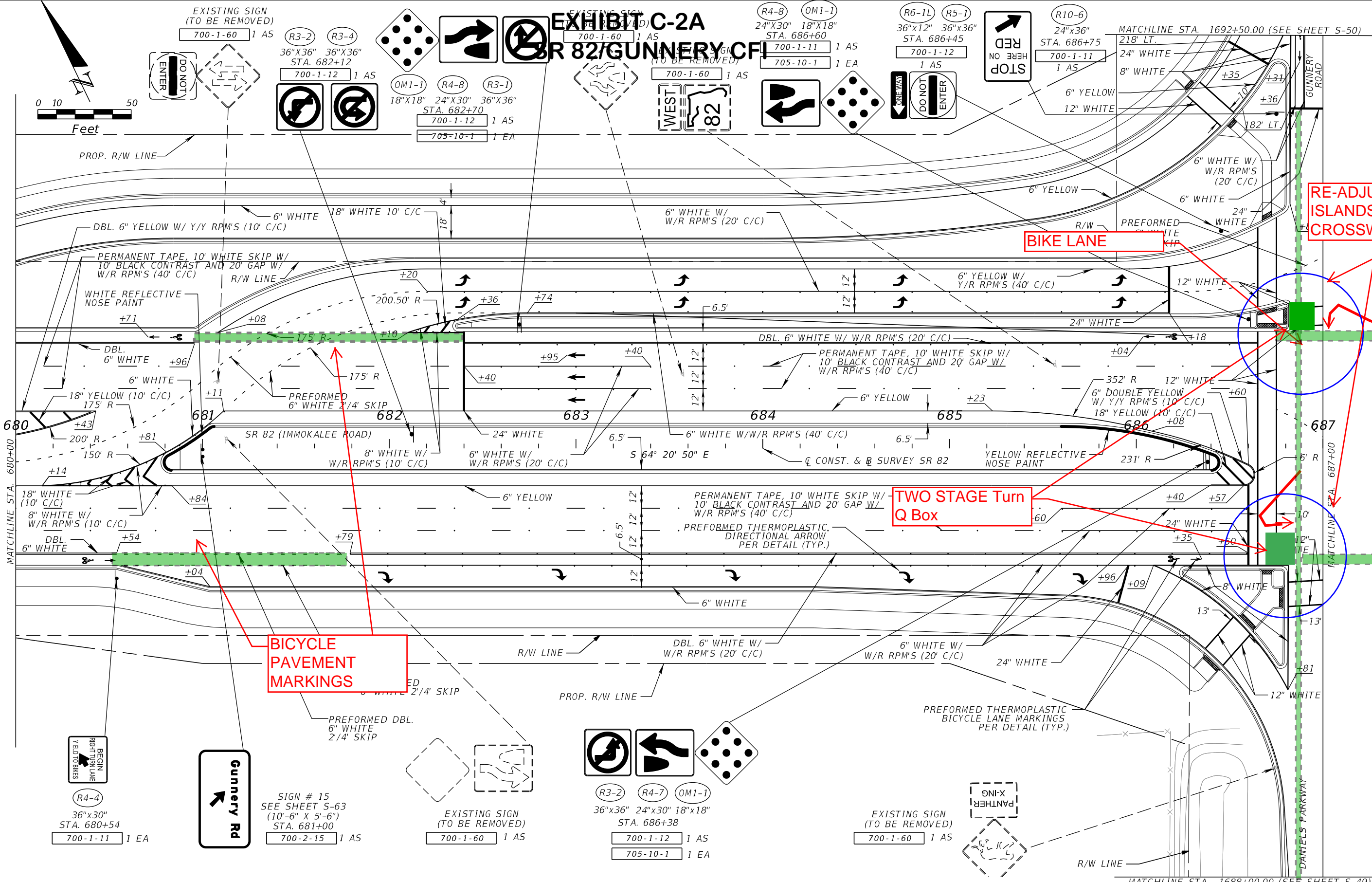
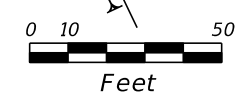


EXHIBIT C-2A

SR 82/GUNNERY CFI



BIKE LANE

RE-ADJUST PED ISLANDS AND CROSSWALKS

TWO STAGE Turn Q Box

BICYCLE PAVEMENT MARKINGS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

The Balmoral Group
 165 Lincoln Avenue
 Winter Park, FL 32789
 Phone: (407) 629-2185
 www.balmoralgroup.us
 Certificate of Authorization No. 26123
 E.O.R.: Sherman C. Klaus II, P.E. No. 58262

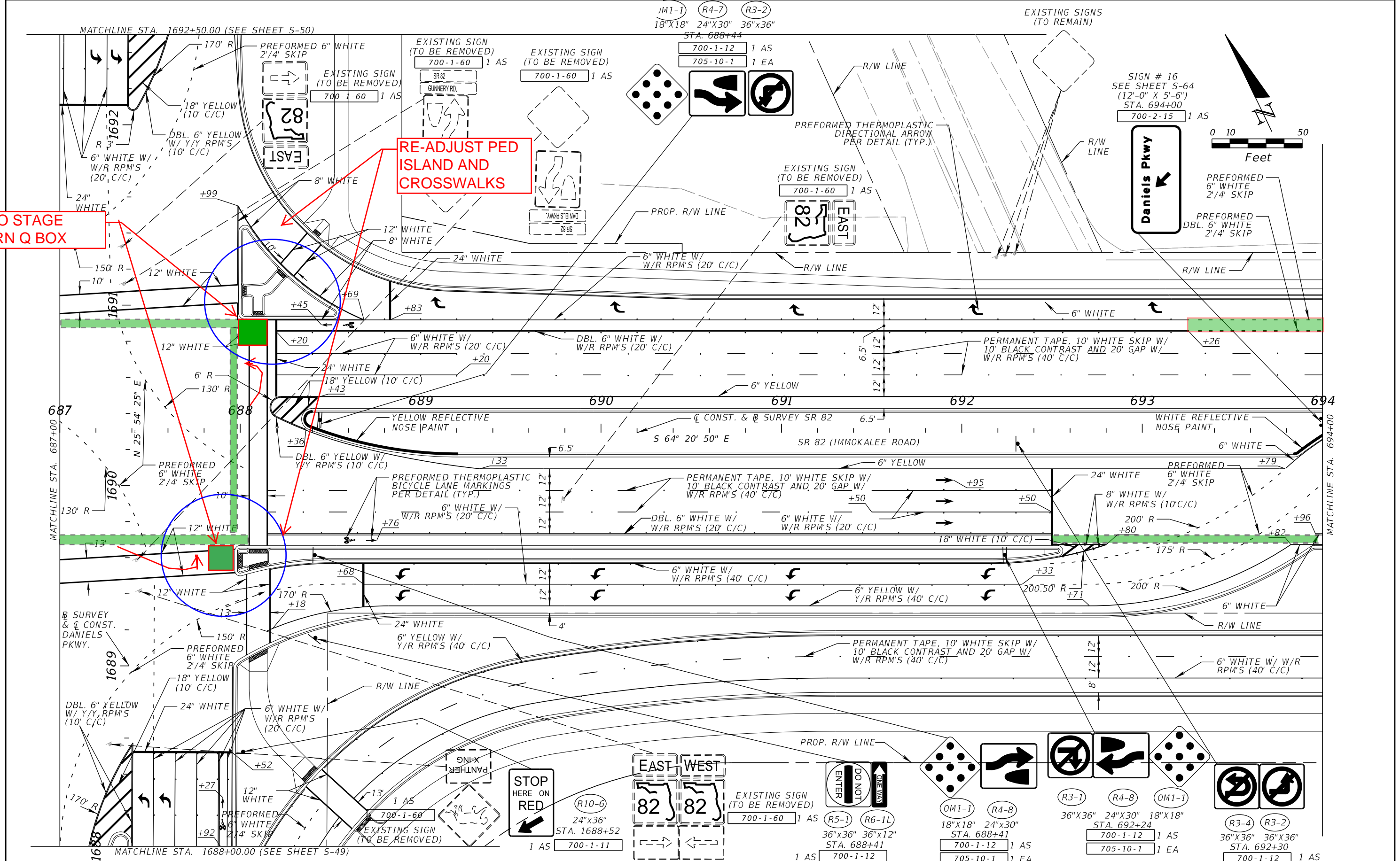
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
82	LEE	425841-1-52-01

SIGNING AND PAVEMENT MARKING PLAN		SHEET NO.
		S-39

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

TWO STAGE TURN Q BOX

RE-ADJUST PED ISLAND AND CROSSWALKS



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

The Balmoral Group
 165 Lincoln Avenue
 Winter Park, FL 32789
 Phone: (407) 629-2185
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
82	LEE	425841-1-52-01

SIGNING AND PAVEMENT MARKING PLAN

SHEET NO.
S-40

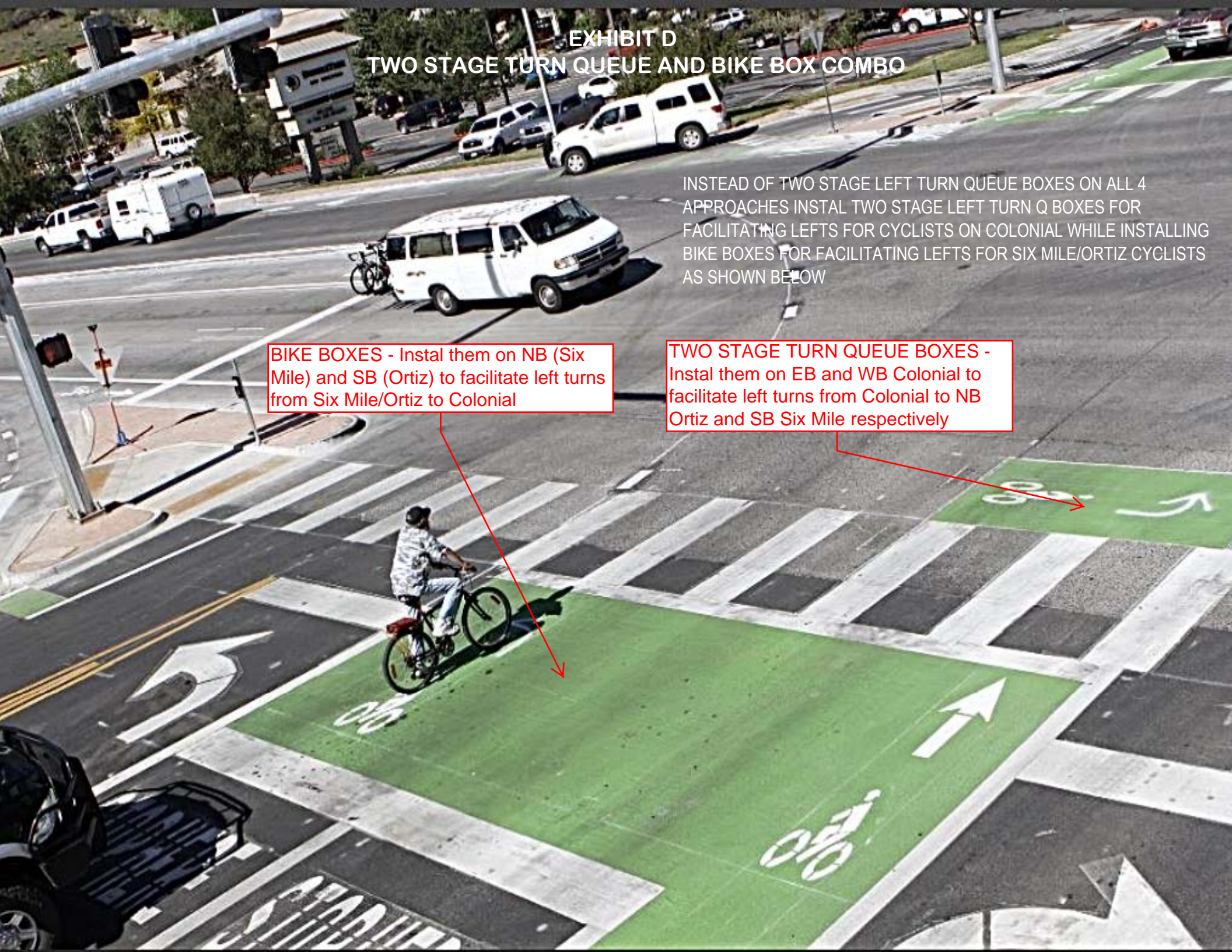
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

**EXHIBIT D
TWO STAGE TURN QUEUE AND BIKE BOX COMBO**

INSTEAD OF TWO STAGE LEFT TURN QUEUE BOXES ON ALL 4 APPROACHES INSTAL TWO STAGE LEFT TURN Q BOXES FOR FACILITATING LEFTS FOR CYCLISTS ON COLONIAL WHILE INSTALLING BIKE BOXES FOR FACILITATING LEFTS FOR SIX MILE/ORTIZ CYCLISTS AS SHOWN BELOW

BIKE BOXES - Instal them on NB (Six Mile) and SB (Ortiz) to facilitate left turns from Six Mile/Ortiz to Colonial

TWO STAGE TURN QUEUE BOXES - Instal them on EB and WB Colonial to facilitate left turns from Colonial to NB Ortiz and SB Six Mile respectively



PRESENTATION ON LEETRAN'S TRANSIT DEVELOPMENT PLAN

DISCUSSION ITEM

A presentation will be given on the draft LeeTran Transit Development Plan (TDP) Major Update at the August 23rd BPCC meeting. The TDP document is available on the LeeTran website for review at <http://www.leegov.com/leetran/Documents/Schedules/LeeTran%20Draft%20TDP%208-1-16.pdf>

The State of Florida Public Transit Block Grant Program requires public transit service providers to develop and adopt a 10-year comprehensive planning document in accordance with Rule Chapter 14-73, Florida Administrative Code.

Major updates are required every 5 years with annual progress reports during the interim years. LeeTran has drafted the 2016 Major Update to its Transit Development Plan for 2017 – 2026. This plan sets forth an improvement plan for transit service in Lee County, which is consistent with local plans and the Lee County's Metropolitan Planning Organization (MPO) Long Range Transportation Plan and will serve as the guiding document for the MPO's Transportation Improvement Program as well as the FDOT's Five-Year Work Program covering public transit projects in Lee County.

The Transit Development Plan was developed with input from various stakeholders and interviews with elected officials representing the County and all municipalities. Public participation workshops were conducted and public comment was solicited through various means. The plan was vetted through the Review Committee, which was comprised of representatives from County Departments as well as local stakeholders.

The TDP document contains ten primary sections reviewing existing services, the operating environment, future conditions, transit needs, and proposed improvements to meet those needs. A financial plan is also included in the TDP, identifying the costs of existing and proposed services and resources necessary to fund the transit ten-year plan. All identified plan improvements beyond those currently funded with existing federal, state, and/or local sources are proposed to move forward only if and when an adequate funding mechanism can be secured.

SUN TRAIL UPDATE

INFORMATION ITEM

BPCC Member and District 1 SUN Trail Coordinator Providance Nagy will provide an overview and update on projects submitted statewide for SUN Trail Program funds for “Individual Trails” this year. This will include the status of projects submitted in District 1, the amount of funds requested statewide, the dates when awards will be announced, ongoing coordination with project applicants and next steps etc. **Attachment A** includes the list of submitted projects in District 1, and their District Priorities which were handed over to FDOT Central Office. **Attachment B** includes the two applications from the City of Fort Myers and the City of Cape Coral.

District 1 - SUN Trail (Individual)

District Priority (strengths based on criteria)	Counties	Trail Name	Segment	Mileage	Description
1	Sarasota	SCRT: Legacy Trail Extension	Downtown Sarasota Gap: Culverhouse Nature Park, North of Palmer Ranch (South of SR 72) to Payne Park School, School Ave. and Shopping Lane	7.5	Design, acquisition and construction 12' wide trail
2	Polk	Fort Fraser Trail Extension	SR 540/Winter Lake Road to SR 659/Combee Road	0.95	Construction of ped/trail bridge to cross SR 570
3	Lee	SCRT: Van Buren/El Dorado/Kismet Parkway Multi-use Trail	Cape Coral Gap: Del Prado Blvd. to Burnt Store Road at Van Buren Parkway	6.5	Design and construction of 12' wide trail
4	Charlotte	SCRT: Harbor Walk Phase 1B	SR 45 Gap	.27	Construction of 12' wide boardwalk
5	Polk	Tenoroc Trail Segment 1	East of SR 33 from Lake Crago Park to Old Combee Road/Deeson Pointe Blvd.	2.2	PD&E and construction of 10'-12' wide trail
6	Lee	SCRT: John Yarborough Linear Park Trail (extension) ("JYLP Ph IV")	Ft. Myers Gap: Colonial Blvd to Hanson Street	1.8	To develop design plans for the remaining segment of trail along Ten-Mile Canal.
7	Manatee	SW Trail (formerly Manatee/Sarasota County Bayshore Treewalk) to Sarasota Bay Trail Corridor	Manatee Gap	6.6	Design and construction of 12' wide trail
8	Charlotte	SCRT: US41 NB MURT Bridge North Fork Alligator Creek	Bridge: North Fork Alligator Creek, Punta Gorda	.25	Design and construction of 12' wide trail
9	Polk	Van Fleet State Trail: Pedestrian Bridge Replacement	Polk City		PD&E, design and reconstruction/replacement of 12' bridge
10	Manatee	Willow-Ellenton Greenway	US 301 from Elleton to Parrish	9	Acquisition, design and construction of 12' wide trail

INFORMATION AND DISTRIBUTION ITEMS

1. Updated BPCC Roster

**LEE COUNTY METROPOLITAN PLANNING ORGANIZATION
BICYCLE PEDESTRIAN COORDINATING COMMITTEE**

20 SEATS CURRENT VOTING MEMBERS: 20 QUORUM: 6

*CHAIRPERSON **VICE-CHAIRPERSON

BPCC Appointed Members		
Agency	Representative	Alternate
Lee MPO Citizens Advisory Committee (CAC)	Randy Krise 1417 Steele St Fort Myers, FL 33901 Home: 239-633-8672 Randy@krisecg.com	John Karcher 1730 Old Burnt Store Rd. N Cape Coral, FL 33993 630-215-4016 Johnk0751@aol.com Carie Call 7471 Georgiana Drive Bokeelia, FL 33922 Home: (239) 558-8591 clcall@live.com
City of Bonita Springs	Sean Gibbons 9220 Bonita Beach Road, Suite 111 Bonita Springs, FL 34135 SGibbons@cityofbonitaspringscd.org 239-444-6150	Nicole Perino 9220 Bonita Beach Road Bonita Springs, FL 34135 239-949-6262 Nicole.perino@cityofbonitasprings.org
City of Cape Coral	Pimolmas Tan P.O. Box 150027 Cape Coral, FL 33915 ptan@capecoral.net	Stephanie Smith srsmith@capecoral.net Persides Zambrano pzambran@capecoral.net
City of Fort Myers	Avelino Cancel P.O. Drawer 2217 Fort Myers, FL 33902 239-321 7454 acancel@cityftmyers.com	Carl Karakos P.O. Drawer 2217 Fort Myers, FL 33902 239-321 7454 ckarakos@cityftmyers.com
City of Sanibel	Salli Kirkland 2090 Sunset Circle Sanibel, FL 33957 239-472-4919/239-209-2514 salli@sanibelbike.com	(VACANT)
Village of Estero	Doug Saxton dpsaxton100@gmail.com	(VACANT)

Community Traffic Safety Team	Steve Jansen LCDOT, Traffic Section 5650 Enterprise Parkway Fort Myers, FL 33905 239-694-7600 / 239-533-8503 jansensj@leegov.com	Jay Anderson Stay Alive....Just Drive justdrivefla@embarqmail.com
Injury Prevention Coalition	Dan Moser* 1449 Linhart Avenue Fort Myers, FL 33901 239-334-6417 dan@floridabicycle.org	Diane Holm dleholm@gmail.com 239-332-9561 Cell: 850-519-5728
Lee County Department of Transportation	David Wagley 1500 Monroe Street P.O. Box 398 Fort Myers, FL 33902 239-533 8502 dwagley@leegov.com	Andy Getch 1500 Monroe Street P.O. Box 398 Fort Myers, FL 33902 239-533 8510 getchaj@leegov.com
Lee County Department of Parks & Recreation	Jason Lamey Terry Park 3410 Palm Beach Blvd. Fort Myers, FL 33916 239-634-1454 jlamey@leegov.com	Lee Waller Terry Park 3410 Palm Beach Boulevard Fort Myers, FL 33916 239-707-0862 jwaller@leegov.com
Lee County School District	Nena Garrett Transportation Services 14701 Six Mile Cypress Pkwy Fort Myers, FL 33912 239-590-4022 NenaSG@leeschools.net	Roger Lloyd Fort Myers, FL 33912 239-590-4022 rogerwl@leeschools.net
LeeTran	Wayne Gaither 6035 Landing View Road Fort Myers, FL 33907 239-533-0344 wgaither@leegov.com	J. Levi McCollum 6035 Landing View Road Fort Myers, FL 33907 239-533-0319 JMcCollum@leegov.com
Town of Fort Myers Beach	Megan Will 2523 Estero Boulevard Fort Myers Beach, FL 33931 Phone: 239.765.0202 megan@fortmyersbeachfl.gov	(VACANT)
Lee County Visitor and Convention Bureau	Simone Behr, CVA 2201 Second Street, Suite 600 Fort Myers, FL 33901 239 590 4855 Sbehr@leegov.com	Nancy MacPhee 2201 Second Street, Suite 600 Fort Myers, FL 33901 (239) 338-3500 nmacphee@leegov.com
Lee Memorial Health System	Mark Tesoro Trauma Services mark.tesoro@leememorial.org	Syndi Bultman Trauma Services Syndi.bultman@leememorial.org

Lee County Port Authority	Ian McKay icmkay@flycpa.com	(VACANT)
Member-At-Large	Jennifer Hagen** 1462 Sandra Drive Fort Myers, FL 33901 239-444-6150 jduffala@hotmail.com	
Member-At-Large	Isobel Hitchcock 13742 River Forest Drive Fort Myers, Florida 33905 239 246-7643 bikesafelee@gmail.com	
Member-At-Large	David Wheaton 8885 Cypress Preserve Place Fort Myers, FL 33912 239 340 9044 gdavey58@yahoo.com	
Member-At-Large	Tina Sujana 1640 Marlyn Road Fort Myers, FL 33901 239 910 5050 Tinasujana@gmail.com	
BPCC Members - Non Voting		
Collier County Growth Management Division	Laurie Beard lauriebeard@colliergov.net 2800 N. Horseshoe Drive Naples, FL 34104 239-252-5782	(VACANT)
Cape Coral PD	Sergeant John Kulko jkulko@capecoral.net	Officer Chad Hartzell Officer Lucas Smoker
Fort Myers PD	Lt. Jay Rodriguez jrodriguez@fmpolice.com	Officer Dallas Smart dsmart@fmpolice.com
Lee County Sheriff's Office	Lt. Dennis Petracca dpetracca@sheriffleefl.org 239 477-1651	Detective Roman Serrano rserrano@sheriffleefl.org Sergeant Dominic Konieczki DKonieczki@sheriffleefl.org
Florida Highway Patrol		Lt. Joseph Bowers josephBowers@flhsmv.gov

*Chair **Vice-Chair

August 11, 2016