

**MARTIN METROPOLITAN PLANNING ORGANIZATION  
BICYCLE AND PEDESTRIAN ADVISORY COMMITTEE**

Martin County Administrative Building  
Growth Management Conference Room  
2401 SE Monterey Road, 1<sup>st</sup> Floor  
Stuart, FL 34996  
(772) 221-1498  
[www.martinmpo.com](http://www.martinmpo.com)

**Monday, September 13, 2010, 5:00 p.m.**

**AGENDA**

<b><u>ITEM</u></b>	<b><u>ACTION</u></b>
<b>1. CALL TO ORDER – 5:00 p.m.</b>	
<b>2. ROLL CALL</b>	
<b>3. APPROVE AGENDA</b>	<b>APPROVE</b>
<b>4. APPROVE MINUTES and Summary</b> <ul style="list-style-type: none"><li>• May 10, 2010 – Regular Meeting Minutes</li><li>• August 09, 2010 – Subcommittee Summary</li></ul>	<b>APPROVE</b>
<b>5. FDOT COMMENTS</b>	
<b>6. AGENDA ITEMS</b>	
<b>A. BPAC MEMBERSHIP APPOINTMENTS AND ROSTER REVIEW</b> <b>MEMO: temp11BPACa01.01</b>	<b>COMMENTS</b>
<b>B. BICYCLE/PEDESTRIAN MASTER PLAN</b> <b>MEMO: temp11BPACa01.02</b>	<b>COMMENTS</b>
<b>7. COMMENTS FROM COMMITTEE MEMBERS</b>	
<b>8. COMMENTS FROM THE PUBLIC</b>	
<b>9. NEXT MEETINGS</b> <ul style="list-style-type: none"><li>• October 11, 2010 (Subcommittee Meeting) Note: The location for the subcommittee meeting will be in the <b>Back Room of the Commission Chambers</b>, 1st Floor</li><li>• November 08, 2010 (Regular Meeting)</li></ul>	
<b>10. ADJOURN</b>	

Assistance for disabled persons may be arranged by calling 1-866-836-7034. Non-English speaking, deaf, or visually impaired persons needing an interpreter should contact the Martin County Administrator's office at 772-288-5420 or 772-288-5940 (TDD). An agenda of items to be considered will be available to the public in the Administrator's Office, 2401 SE Monterey Road, Stuart, Florida. Items not included on the agenda may also be heard in consideration of the best interests of the public health, safety, welfare, and as necessary to protect every person's right of access.

**MARTIN METROPOLITAN PLANNING ORGANIZATION (MPO)  
BICYCLE AND PEDESTRIAN ADVISORY COMMITTEE (BPAC)**

**MINUTES**

**Monday, May 10, 2010 - 5:00 P.M.**  
Martin County Administration Building  
Growth Management Conference Room, 1<sup>st</sup> Floor  
2401 SE Monterey Road  
Stuart, FL 34996  
(772) 320-3015

**1. CALL TO ORDER**

Chairwoman Joan Moore called the meeting to order at 5:05 p.m.

**2. ROLL CALL**

**Members in Attendance:**

Joan Moore, Chairwoman  
Bill Martz, Vice-Chair  
Joseph DeFronzo  
Kevin B. Edwards  
Hal Forslund  
Ken Natoli (arrived at 6:02p.m.)  
Officer Dan Pantel  
John Mildenberger  
John-Mark Palacios, FDOT (Non-voting Member)

**Excused Members**

Robert Taylor  
Jim Hudson  
Dee Spera

**Members Not In Attendance:**

Jim Mottram  
Officer James C. Brooks  
Eric Cerniglia  
Barbara Timmerman

**Staff in Attendance:**

Beth Beltran, MPO/Transit Planning Manager  
Boyd Lawrence, Planner II  
Lisandra Bonet, Administrative Specialist II

**A quorum was present for this meeting.**

**3. APPROVE AGENDA**

**Mr. Kevin B. Edwards moved to approve the Agenda. Seconded by Mr. John Mildenberger. Motion carried unanimously.**

**4. APPROVE MINUTES – April 12, 2010 - BPAC Meeting**

**Mr. Mildenberger moved to approve the Minutes. Seconded by Mr. Hal Forslund. Motion carried unanimously.**

**5. FDOT COMMENTS**

Mr. John-Mark Palacios called Staff earlier to inform that he will be arriving a few minutes late.

**6. AGENDA ITEMS**

**A. Draft FY 2011 Transportation Improvement Program (TIP)**

**MEMO: temp10BPACa07.01**

Mr. Boyd Lawrence, Martin MPO Planner II, provided background. The TIP is updated annually. It is approved by the MPO and, pursuant to Federal and State regulatory requirements, reflects “a staged, multiyear, intermodal program of transportation projects consistent with the long-range transportation plan.” All transportation projects proposed to be implemented through Federal or State transportation funding over the coming five fiscal years are contained in the TIP. Major projects were guided by the list of project priorities approved by the MPO Policy Board on September 21, 2009 and provided to FDOT District Four on September 28, 2009. Mr. Lawrence stated that a public notice of the June 21, 2010 Public Hearing on the Final TIP at the MPO Policy Board meeting was published (copy of the notice on file). Mr. Lawrence stated that Staff is working on streamlining this document so it would be more condensed.

Mr. Lawrence mentioned that one highlight of the TIP is the County’s Information Technology Systems (ITS) Department’s effort to create an interactive Geographic Information Systems (GIS) map on their website. The new map would allow the public to access a map that would list County projects, including the projects listed in the TIP. The intent is to create an effective and user-friendly method that would provide immediate project information to the users. Mr. Lawrence stated that this endeavor is expected to be completed by June 21<sup>st</sup>. Any updates made to the TIP would be posted in our website: [www.martinmpo.com](http://www.martinmpo.com)

Ms. Beltran added that the document is available for review in the Blake Library and through the MPO’s website. A DRAFT TIP is also available at the front desk on the first floor of the Martin County Administration Building. Reasonable opportunity for the public to comment on the TIP must be provided. The DRAFT TIP has been available for public comment since April 30, 2010. Mr. Lawrence added that a notice of the June 21, 2010 Public Hearing on the Final TIP at the MPO Policy Board meeting was published in the Stuart News on Sunday, May 2, 2010 and will be published again on June 6, 2010.

Mr. Lawrence said that Staff is requesting that the Members would provide comments on the DRAFT FY 2010/11 through 2014/15 Martin MPO Transportation Improvement Plan.

Mr. Lawrence mentioned the project prioritization list on page 6 of the TIP. He discussed several of the projects listed in further detail per some of the Members’ request.

Ms. Beltran pointed out that section 3.4 BIKE, PED, BUS SHELTER BOX FUND on page 8, would be of interest to this group.

[Mr. Palacios joined the meeting at 5:13 p.m.]

Chairwoman Moore stated that her perception was that the majority of the Members were not familiar enough with the document to feel comfortable making a recommendation.

There were no recommendations made by the BPAC Members.

## **B. 2010 Transportation Enhancement (TE) Applications**

### **MEMO: temp10BPACa07.02**

Mr. Lawrence introduced this Item. He provided a brief presentation prior to the discussion and ranking of the applications received. Mr. Lawrence stated that a total of three applications were submitted to MPO Staff by the April 27<sup>th</sup> deadline. Mr. Lawrence said that Ms. Cathy Reeder, County Community Development Specialist, was among the presents to help answer any questions the Members may have.

The first application was received from Martin County for sidewalks and landscaping improvements in the Rio CRA District. This sidewalk/landscaping project encompasses three links in an intermodal system of transportation that is partially in place and/or planned for the Rio CRA:

1. Alice Street connection to City of Stuart
2. Loop #1 connecting two longtime neighborhoods to CR 707 via Sumner Avenue, St. Lucie Boulevard and Kubin Avenue
3. Loop #2 connecting two more longtime neighborhoods to CR 707 via Rhodes Avenue, River Court, Waveland Avenue, and Elizabeth Avenue.

The second application was received from the City of Stuart CRA for sidewalk improvements and a pedestrian kiosk at MLK Park. Mr. Lawrence stated that the application reflected two different sections:

1. Martin Luther King, Jr. Park restrooms, kiosk, and bike rack
2. Sidewalk improvements along SR 707 northbound from Wright Boulevard to Green River Parkway.

The first section of the proposed project is to build a public restroom facility and a multi-panel educational kiosk with bicycle rack at a location to be determined at Martin Luther King, Jr. Park at the corner of Park Avenue, Florida Street and Church Street in East Stuart.

The third application was received from Martin County for the construction of bike lanes along Dixie Highway from Cove Road to the FEC rail line near the Seabranh Park entrance. The Dixie Highway (A1A) paved shoulders project includes the addition of five-foot wide paved shoulders on 8,000 linear footage of an existing County roadway from Cove Road to RR Crossing, to serve as on road bike lanes on Dixie Highway.

Mr. Lawrence said that there have been discussions to combine the Rio and the second section of the City of Stuart applications because there are areas for potential connectivity, and because this

second section of the City of Stuart application may fall below the \$200,000 application threshold, if presented alone. Mr. Bill Martz asked what the area of potential connectivity between those two projects is. Ms. Reeder responded that Alice Street extends from the Rio CRA into the City line of Stuart.

Mr. Lawrence talked about the project prioritization ranking done by the Technical Advisory Committee (TAC). Mr. Lawrence said that the TAC selected combining the full City of Stuart CRA application with the Rio CRA application less the Rio CRA application for the landscaping and loops, as the number one priority. Ms. Reeder informed that the CRA code involves placing street trees every thirty feet; the same would apply when submitting CRA sidewalk applications. Ms. Reeder added that the cost of establishment during the first six months of the trees was included in the estimate cost submitted in the application. Thereafter, Ms. Reeder said, there was not too much concern about the ongoing maintenance of the area. These were internal streets where most likely, the residents would cut the grass themselves and the CRA would provide maintenance of the trees when, and if, it would become necessary. Mr. Martz asked if CRA has a budget allocation for street trees maintenance. Ms. Reeder replied in the affirmative. Ms. Beltran stated that the TAC Members were concerned about the landscaping maintenance costs; therefore, they opted for leaving the landscaping out of their project prioritization. Ms. Reeder said that it was unfortunate that she was unable to attend the TAC meeting to explain that, in the past six months, County Community Development Department (CDD) has added to their abilities to utilize CRA funds for maintenance, street trees included.

Mr. DeFronzo asked the status of the Citizens' Advisory Committee's (CAC) request to add a pedestrian crossing over Haney Creek located on the west end of Alice Street. Mr. Lawrence said that Mr. Edward Erfurt, from the County CDD, went over to the site to determine feasibility. Mr. Erfurt said that, on that segment, Alice Street goes over a big pipe and there is not enough room for a sidewalk. A pedestrian crossing might require a separate bridge.

Mr. Martz stated that, from a safety standpoint for bicyclists and pedestrians, the Dixie Highway (A1A) paved shoulders project would have priority. Mr. Palacios added that there is an upcoming resurfacing project for that segment; however, it would not include bike lanes. Mr. DeFronzo concurred that this road presents a safety issue for bicyclists. Mr. Martz asked if expanding this road would encounter right-of-way (ROW) complications. Mr. Palacios responded that ROW issues due to the addition of bike lines would be unlikely.

Chairwoman entertained a motion to have the projects ranked in order of priority. **Mr. Martz moved to recommend the following priority list:**

- 1. The Dixie Highway (A1A) paved shoulders project that includes the addition of five-foot wide paved shoulders on 8,000 linear footage of an existing County roadway from Cove Road to RR Crossing, to serve as on road bike lanes on Dixie Highway.**
- 2. Combining the full City of Stuart CRA application with the Rio CRA application less the Rio CRA application for the landscaping and loops.**

A discussion ensued as to whether to keep the landscaping, given the facts presented earlier by Ms. Reeder. The Members debated for a short period, then Ms. Reeder suggested including the

landscaping of the Rio CRA project as the last priority on the list, but keeping the landscaping option on.

**The motion included:**

**3. The landscaping of the Rio CRA project application.**

**Seconded by Mr. Forslund. There being no opposition, the motion passed unanimously.**

Ms. Reeder invited the BPAC Members to participate in updating the project list of the various CRAs in the County. There would be several public workshops in each CRA as part of the process. Information is available on the website: [www.martin.fl.us](http://www.martin.fl.us), under the Community Development Department.

**C. Bike/Ped Master Plan**

**MEMO: temp10BPACa07.03**

Mr. Lawrence introduced this Item and provided background. He stated that during the January and February BPAC meetings the Members discussed the concept of developing an updated Bicycle and Pedestrian Master Plan.

Mr. Lawrence stated that Lee County was going through the same process of creating a Master Plan. Lee County is about two months ahead into the process; however, some other Counties such as Tallahassee, Leon and Walton Counties already have established Master Plans that could be used as models.

In recent years bicycle and pedestrian plans including a needs list, and cost feasible list, have been incorporated into the Regional Long Range Transportation Plan (RLRTP) which is updated every five years. Mr. Lawrence suggested that much of the work to develop Martin County's Plan could be made in-house (referring to the BPAC). A Master Plan should be more detailed in content in comparison to the bicycle and pedestrian planning that was incorporated in the recent 2030 RLRTP. It should provide specific information about the various bicycle and pedestrian facilities and how they can be applied to the various areas of need. Pavement markings, crosswalks, transit accessibility and other safety improvements should also be addressed in the Master Plan. Additionally, the estimated costs and potential funding sources for the facilities and improvements should be a component of the plan. The Plan should also identify the right-of-way availability or limitations along routes where bicycle and pedestrian facilities are needed or planned.

Mr. Lawrence said that MPO Staff has prepared a Final FY2011-FY2012 Unified Work Planning Program (UPWP) that includes a budget of \$40,000 for consulting services to support the completion of a Bike/Ped Master Plan. If FDOT approves the UPWP, the planning funds for the Bike/Ped Master Plan would be available after July 1, 2010.

Mr. Mildenerger noted that the Bike/Ped Master Plan that Mr. Lawrence found for Martin County was never completed. Mr. Lawrence said that the process probably started in 1998, but it did not seem it was ever finalized. Mr. Lawrence said that the Plan was last developed more than ten years ago and it was not apparent whether the document received final MPO approval. Mr.

Lawrence said that he would scan a copy of the Plan and would send it to the Members electronically.

[Mr. Natoli joined the meeting at 6:02 p.m.]

Members agreed that having a copy of the old Plan would help them compare it with Plans from other Counties, would help them update its content, and would be a good starting point in this endeavor of creating the Bike/Ped Master Plan for Martin County. Mr. Natoli suggested keeping the Plan simple and produce the vision of “what you want it to be” for our bicyclists and pedestrians.

Mr. DeFronzo suggested making the Master Plan a priority for the BPAC sub-committee group.

Mr. Natoli suggested tying up the pertinent information from the Comp Plan into this Master Plan.

Mr. Lawrence invited the Members to participate in the TCRPC survey, online. The input would feed into the visioning efforts towards the 2035 RL RTP development.

## **7. NOTES**

Mr. Palacios asked if anyone knew whether the resurfacing project for Gomez Avenue would include bike lanes. Chairwoman Moore requested that Staff would find out and email the answer to the Members.

Mr. Palacios mentioned that Florida Legislature passed House Bill 971. The Bill stipulations would be of concern to the group.

Mr. Martz announced that May is the National Bike month and next week would be Bike to Work week.

## **8. COMMENTS FROM THE COMMITTEE MEMBERS**

Chairwoman Moore had several issues for discussion. She first mentioned the Build-a-Bike event. Initially she mentioned that, because of the lack of sponsors, the event might fail. After discussing it with the Members, it was decided to move forward with the event without sponsors. Advertisement of the event would be done through the Martin MPO website and the County’s MC20 TV channel, among other modes of advertisement.

Chairwoman Moore stated that Members’ attendance to the BPAC meetings must be addressed. Ms. Beltran said that, according to the By Laws, three consecutive unexcused absences would lead to the option of re-appointing a new person for that position. Chairwoman Moore requested that a letter be sent to those Members, other than the seasonal Members, who have had many consecutive unexcused absences, and to report the responses back to the BPAC. Mr. Martz said that there is a need for better flow of information and consistent representation, so perhaps there could be a Volunteer Executive Director appointed from the community for this purpose. Mr. DeFronzo suggested that the vacant positions could be advertised in the area’s bike shops and on the MPO website. Mr. Edwards stated that the BPAC group could be making a greater impact in the community, but “we are not making it because we are invisible”. There was concern among the Members about the vacant positions in the Committee and about how to become involved in the many issues that are of interest to the group.

Ms. Beltran suggested making an effort to fill the vacant positions of the group. She said that it would be likely that one of the new members could very well perform the duties of the community liaison volunteer, suggested earlier by Mr. Martz. She added that, for the purpose of abiding to the By Laws, using the title of Volunteer Executive Director may not be appropriate. The Members concurred. The Members emphasized that efficient advertisement of the vacant positions would make a big difference.

Mr. DeFronzo brought up a maintenance issue on the sidewalk along the north side of the Jensen Beach Causeway Boulevard between the east side of the bridge and the roundabout on A1A. He said that after the project was completed and the sidewalk settled, he noticed that the sidewalk has displacements of two to three inches on several spots. Mr. DeFronzo said that this represents a trip hazard. Chairwoman Moore also mentioned that the markings on the bridge are coming off.

Mr. Forslund spoke about the need for street signs for cars to yield to pedestrians on Salerno Road, between Cove Road and Dixie Highway. Officer Pantel stated that the Sheriff Office is doing an educational program to promote the use of crosswalks by pedestrians, and enforcing the law for those drivers that are ignoring the crosswalks. Mr. Lawrence responded that he would mention this to Ms. Cathy Reeder, and perhaps the CDD would like to address this issue through their design program, and do an educational program together with the Sheriff Department for the City of Stuart CRA.

Mr. Mildenberger stated that, on the perpendicular crossing of Jensen Beach Boulevard and Green River Parkway, the traffic light turns green at the same time the crosswalk light turns white; therefore, cars are coming around to do their left or right turns just as pedestrians are being directed to cross. Ms. Beltran responded that she would mention this situation to County Staff.

**9. COMMENTS FROM THE PUBLIC**

None

**10. NEXT MEETING**

- June 14, 2010 (Subcommittee)
- July 12, 2010 (Regular)

**11. ADJOURN**

There being no further business, the meeting adjourned at 6:56 PM.

**Recorded and Prepared by:**

\_\_\_\_\_  
Lisandra Bonet, Administrative Specialist II

\_\_\_\_\_  
Date

**Approved by:**

\_\_\_\_\_  
Joan Moore, BPAC Chair

\_\_\_\_\_  
Date

**MARTIN METROPOLITAN PLANNING ORGANIZATION (MPO)  
BICYCLE AND PEDESTRIAN ADVISORY COMMITTEE (BPAC)**

**MEETING SUMMARY – SUBCOMMITTEE MEETING**

**Monday, August 09, 2010 - 5:00 P.M.**

Martin County Administration Building  
Growth Management Conference Room, 1<sup>st</sup> Floor  
2401 SE Monterey Road  
Stuart, FL 34996  
(772) 221-1498

**1. CALL TO ORDER**

Chairwoman Joan Moore called the meeting to order at 5:10 p.m.

**2. ROLL CALL**

**Members in Attendance:**

Joan Moore, Chairwoman  
Robert Taylor  
Ken Natoli  
John Mildenberger  
John-Mark Palacios, FDOT (Non-voting Member)

**Excused Members**

Dee Spera

**Staff in Attendance:**

Beth Beltran, MPO Administrator  
Claudette Mahan, Associate Transit Planner

**3. MEETING SUMMARY – June 14, 2010 BPAC Subcommittee Meeting**

Chairwoman Moore summarized the June 14, 2010 Subcommittee meeting by stating that the Committee efforts were focused in the preparation of the Bicycle and Pedestrian Master Plan. Chairwoman Moore said that the Plan would eventually be adopted by the MPO Policy Board, and it would have an impact in future transit planning in Martin County.

**4. AGENDA ITEMS**

**A. Bicycle and Pedestrian Master Plan**

**MEMO: temp11BPACs01.01**

Ms. Beth Beltran, MPO Administrator, stated that the Committee should consider identifying the goals, objectives and measures, as the first step in the creation of the Master Plan. Once the goals, objectives and measures are identified, then other sections of the Master Plan would be recommended to the MPO Board for adoption. Ms. Beltran said that when the Plan is adopted, the MPO Board would be able to incorporate the Plan's suggestions when analyzing proposed transportation projects.

Mr. Robert Taylor concurred with Ms. Beltran's recommendation. He stated that one specific goal would be to have the BPAC involved in resurfacing and road construction projects' processes so the Committee would ensure that bicycle lanes are being considered. Mr. Taylor said that other goals would be safety and pedestrian sidewalks. Chairwoman Moore said that the Master Plan should be a reflection of the Committees' goals, and of what the Committee Members would like the community to look like. Once the goals, objectives and measures of effectiveness are determined, the specifics would fall in line.

Mr. Taylor said that *specific* goals ranked in order of priority should be listed, perhaps as a supplement to the Plan, but that he thinks that it was important to have them included.

Mr. Ken Natoli asked if maps and/or the existing Martin County Comprehensive Plans would be facilitated to the Members as material that would contribute to the Master Plan development. He said that the transportation element of the Comprehensive Plan contains information that addresses bicycle/pedestrian-friendly goals. MPO Staff agreed to request the information from the County for the BPAC's review.

Ms. Beltran asked what discussion items should be included in the next Regular BPAC meeting, currently scheduled for September 13, 2010. Mr. Natoli suggested the Subcommittee start assembling the framework for the Master Plan. Mr. Natoli mentioned ideas such as the connection from Locks Landing through Palm City. Mr. Natoli said that Mr. Bill Martz has an interest in indentifying walking paths that are in the Atlantic Ridge State Park. Mr. Natoli also suggested that the recently updated Bicycle Facilities Map could be used as the base map, to which further information could be added to generate a more informative map. Mr. Taylor and Chairwoman Moore concurred with Mr. Natoli's vision.

Ms. Beltran recommended that a draft list of goals, objectives and measures of effectiveness should be presented at the next Regular BPAC meeting. Mr. Taylor handed out a draft list of goals and objectives that he had compiled after analyzing the Bicycle and Pedestrian Master Plans from the Okaloosa-Walton Transportation Planning Organization (TPO) and the Tallahassee-Leon County MPO.

Mr. John Miltenberger asked how the Master Plan would be implemented once it is finalized. Ms. Beltran responded that the Plan would ultimately be a working tool that the MPO Board would be able to refer to when funds would become available, for future projects and/or when roadway plans are reviewed. Mr. Natoli suggested having both the MPO Policy Board and the Martin County Board of County Commissioners (BOCC) approve and adopt the Bicycle and Pedestrian Master Plan once it is finalized. The Members concurred.

Ms. Beltran suggested having a defined process in the Plan; perhaps in the form of a list of criteria or elements, or even a checklist that would ensure conformance with the goals established in the Plan. Having a defined process will help convey the Master Plan to the MPO and BOCC Board Members.

Ms. Beltran added that contracting the services of a consultant to assist in putting the Plan together would be good idea. She indicated that there are Forty Thousand Dollars budgeted for the creation of the Master Plan. Mr. Natoli stated that BPAC Members are a wonderful group that could accomplish a great deal of the tasks in the creation of the Plan, and suggested that the use of a consultant should be regarded as an "if-needed" resource.

Mr. Miltenberger asked if the Master Plan could take the form of a website, where the Plan would be informational, interactive and usable by the general public. Ms. Beltran mentioned that the Martin MPO website is currently undergoing re-structuring by a private consultant to increase public involvement. Mr. Miltenberger added that the website could also have a blog where users could address/identify and provide input that would eventually assist the County to improve problem areas identified via website. The Members concurred that Mr. Miltenberger's suggestion was a very good idea.

Mr. John-Mark Palacios from FDOT shared that the steering committee for the Palm Beach County Master Plan included County staff. Mr. Palacios suggested using members from the Martin County CRA Department and/or the Engineering Department, for example.

In regards to the suggestion of using the website to obtain public input, Mr. Palacios said that in developing their website, Palm Beach County held several public meetings. Mr. Taylor asked if BPAC could host a public forum to obtain input for the creation of the Master Plan. The Members welcomed Mr. Taylor's suggestion and recommended hosting the public forum at the CRA level. Chairwoman Moore asked how early in the process the Committee Members suggest the public should get involved. The Member concurred that the outline of the Plan would require further development before involving the public.

It was agreed that this Item would be a regular item in all of the upcoming BPAC meetings for its discussion, input gathering and to further develop the Master Plan, until its finalization. Mr. Taylor asked if MPO Staff would be the facilitator for keeping the Members informed as to the Plan's progress. Ms. Beltran replied in the affirmative.

The group brainstormed about possible ideas that could be included in the Plan. It was concluded that ideas and pictures pertinent to possible goals and objectives for the Plan would be sent to MPO Staff via email for their inclusion in the next BPAC agenda package (September 13, 2010).

The BPAC membership was also discussed. MPO Staff would bring the roster to the next BPAC meeting.

**5. NOTES**

None.

**6. COMMENTS FROM THE PUBLIC**

None.

**7. NEXT MEETING**

- September 13, 2010 (Regular)
- October 11, 2010 (Subcommittee) Note: The location for the subcommittee meeting will be in the Back Room of the Commission Chambers, 1<sup>st</sup> Floor.

**8. ADJOURN**

There being no further business, the meeting adjourned at 6:20 p.m.

Recorded / Prepared by:

\_\_\_\_\_  
Lisandra Bonet, Administrative Specialist II

\_\_\_\_\_  
Date

Approved by:

\_\_\_\_\_  
Joan Moore, BPAC Chair

\_\_\_\_\_  
Date

**MARTIN METROPOLITAN PLANNING ORGANIZATION  
BICYCLE and PEDESTRIAN ADVISORY COMMITTEE  
AGENDA ITEM SUMMARY**

<b>MEMO:</b> temp11BPACa01.01	<b>MEETING DATE:</b> September 13, 2010	<b>DUE DATE:</b> September 07, 2010	<b>UPWP#:</b> 5.10
<b>WORDING:</b> <b>APPOINTMENTS TO MARTIN MPO BPAC ADVISORY COMMITTEE</b>			<b>6A</b>
<b>REQUESTED BY:</b> MPO By-Laws	<b>PREPARED BY:</b> Beth Beltran	<b>DOCUMENT(S) REQUIRING ACTION:</b> BPAC Advisory Committee Applications	

**BACKGROUND**

The By-Laws of the Martin Metropolitan Planning Organization include provisions describing the desired membership of its Bicycle and Pedestrian Advisory Committee (BPAC). The By-laws state that the, "BPAC shall consist of 15 voting members appointed by the MPO" (section 1.03 C. (3) of the Martin MPO By-Laws revised September 21, 2009).

**ISSUES**

We have posted three BPAC vacancies for at least two consecutive months. We have received an application from Mr. Edward Vossen to fill the BPAC vacancy representing the Local Business Merchants, and an application from Mr. Rick Yost to fill the BPAC vacancy representing the Parent of a School-Aged Child. Both applications are attached.

**RECOMMENDED ACTION**

**Recommendation**

- a. Move appointment of Mr. Edward Vossen as the Local Business Merchant Representative, and Mr. Rick Yost as the Parent of a School-Aged Child Representative, to the Martin MPO Bicycle and Pedestrian Advisory Committee.

**Alternative #2**

- a. Provide direction.

**FISCAL IMPACT**

**Recommendation**

N/A

**APPROVAL**

MPO 

**ATTACHMENTS**

- a. Applications from Mr. Edward Vossen and Mr. Rick Yost.

**SUGGESTED REFERENCE MATERIAL**

None

**BPAC - 15 Voting Members**

				Absent	Absent	Absent
1	District 1 (Smith)	Appointee	Robert Taylor			
2	District 2 (Valliere)	Appointee	Dee Spera			
3	District 3 (Hayes)	Appointee				
4	District 4 (Heard)	Appointee	Joseph DeFronzo			
5	District 5 (Ciampi)	Appointee	Ken Natoli			
6	City of Stuart Commission (Mortell)	Appointee	Joan Moore, Chair			
7	City of Stuart Commission (Hutchinson)	Appointee	Kevin Edwards			
8	Town of Sewall's Point Commission (Osteen)	Appointee	John Mildenberger			
9	Local Business Merchant	Appointed by MPO Dir	Edward Vossen			
10	Parent of School Age Child	Appointed by MPO Dir	Rick Yost			
11	Senior Citizen	Appointed by MPO Dir	Jim Mottram			
12	Homeowner Association and	Appointed by MPO Dir	Jim Hudson			
12	Neighborhood Association	Appointed by MPO Dir	Hal Forslund			
13	Person with a Disability	Appointed by MPO Dir				
14	Martin County Parks & Rec Dept	Appointed by MPO Dir	Bill Martz, Vice-Chair			
15	Cycling Club	Appointed by MPO Dir	Officer Dan Patel		excused	
	Town of Sewall's Point / Law Enforcement (Ex-Officio)	Representative	Officer Eric Cerniglia	4/09, 9/09	11/09, 1/10	3/10, 5/10
	Sheriff's Dept / Law Enforcement (Ex-Officio)	Representative	James C. Brooks	3/09, 9/09	11/09, 1/10	3/10, 5/10
	FDOT Liaison (Ex-Officio)	Representative	John-Marc Palacios			
	Council on Aging - Community Coach (Ex-Officio)	Representative	Barbara Timmerman	3/09, 9/09	11/09, 1/10	3/10, 5/10

Membership Applicants

Vacant Positions

excused



APPLICATION FOR APPOINTMENT TO MPO Committees



Circle Committee:

CAC TAC **BPAC** LCB-TD

See attachments for information about committees & types of members

Type of Member: REPRESENTATIVE

VOSSEN, EDWARD  
[Last Name] [First Name]

6121 SE LANDING WAY UNIT 1 772-221-8131  
[Address] [Apt.] [Phone]

STUART, FL 34997 PREFERRED #  
[City] [Zip]

Commission District in which you reside: 4  
(Available from the commission office at 288-5420)

Are you available year round to attend meetings?  YES  NO

If no, which months are you available? \_\_\_\_\_

Education experience:  
BBA-MANAGEMENT  
HOFSTRA COLLEGE

A resume may be attached (recommended), containing your experience information

Employment experience:

7-10-95 TO PRESENT  
SATURN OF STUART / SUBURBAN SUBARU  
OF STUART

Other experience you feel would be helpful to the Board in making this appointment:

CYCLIST SINCE 1996. INVOLVED IN SPONSORING AND PARTICIPATING IN LOCAL CYCLING RACES AND RIDES FOR CHARITY.

Community experience and affiliations:

LEADERSHIP MARTIN COUNTY CLASS II  
ACTIVE IN PALM CITY CHAMBER - FEMR BDMBR  
STUART/MARTIN COUNTY CHAMBER - BOTH  
FOR 16 YEARS STUART-SUNRISE ROTARY -  
1996

Do you or any member or your immediate family work for Martin County or hold a position that might conflict with these duties? If yes, please explain:

NO

References (please list three & include phone numbers):

<u>PETER WALSON</u>	<u>772-283-1399</u>
<u>JACK HAWORTHORNE</u>	<u>772-486-2539</u>
<u>LARRY BUCHANAN</u>	<u>772-214-4411</u>

Applicants may be required by state law and county ordinance to file a financial disclosure statement as part of the appointment process.

Edward Coxen 7-1-10  
(Signature) (Date)

Completed applications must be filed with the Martin MPD located on the 2<sup>nd</sup> Floor of the County Administration Building  
2401 SE Monterey Rd. Stuart, FL 34996

APPLICATION FOR APPOINTMENT  
TO MPO Committees



Circle Committee:

CAC TAC BPAC LCB-TD

See attachments for  
information about  
committees & types  
of members

Type of Member: PARENT OF A SCHOOL AGED CHILD

YOST, RICK  
(Last Name) (First Name)

1840 SW SUNDRIE WAY (Address) (Apt.) 772-498-6912 (Phone)  
772-288-0765

PALM CITY, FL 32909  
(City) (Zip)

Commission District in which you reside: 5  
(Available from the commission office at 288-5420)

Are you available year round to attend meetings? YES NO

If no, which months are you available? N/A

Education experience: B.S. COMMERCE & BUSINESS ADMINISTRATION UNIVERSITY OF ALABAMA - 1977  
A resume may be attached (recommended), containing your experience information

Completed applications must be filed with the Martin MPO located on the 2<sup>nd</sup> Floor of the  
County Administration Building  
2401 SE Monterey Rd. Stuart, FL 34996

**Employment experience:**

US ARMY - 1977-79 - EXECUTIVE OFFICER - FIELD BATTALION PUBLIC AFFAIRS  
ATLANTA FIRE DEPT - 1979-88 - TERRITORY REPRESENTATIVE - MIAMI, FL  
SEKONKAMA FIRE DEPT - 1988-93 - ASST. DISTRICT MANAGER - SOUTH BEACH - MIAMI, FL  
NORTEL TEL - 1993-2001 - VICE PRESIDENT - SALES & MARKETING - MIAMI, FL  
PALM BEACH MAN 119 - 2001-03 - VICE PRESIDENT - SALES & MARKETING - RIVERSIDE, FL  
THE BRANIFF INTERNATIONAL - 2003 - PRESENT - MANAGER SALES WITH YER (PALM BEACH)

**Other experience you feel would be helpful to the Board in making this appointment:**

THROUGHOUT MY EMPLOYMENT HISTORY, I HAVE WORKED WITH PEOPLE OF VARIOUS BACKGROUNDS AND EDUCATIONAL EXPERIENCE TO BUILD COOPERATIVE RELATIONSHIPS TO VARIOUS CONTRACTS AND OTHER INTERESTS.

**Community experience and affiliations:**

MEMBER TREASURY DIST COUNTY BOARD  
TREASURY DIST COUNTY BOARD  
BOARD - ADULT - A - CLASS - MIAMI BEACH - MIAMI BEACH

**Do you or any member or your immediate family work for Martin County or hold a position that might conflict with these duties? If yes, please explain:**

No

**References (please list three & include phone numbers):**

<u>JOHN AVARIS</u>	302-781-1688 - HOME
<u>DOVE BRADY</u>	302-485-0253 - CELL
<u>DR. MARK SWANSON</u>	561-845-2875 - WORK
	561-722-2557 - CELL
	205-437-9129 - HOME
	205-799-8462 - CELL

Applicants may be required by state law and county ordinance to file a financial disclosure statement as part of the appointment process.

[Signature]  
(Signature)

4 JUL 2010  
(Date)

Completed applications must be filed with the Martin MPO located on the 2<sup>nd</sup> Floor of the County Administration Building  
2401 SE Monterey Rd. Stuart, FL 34996

**MARTIN METROPOLITAN PLANNING ORGANIZATION  
BICYCLE AND PEDESTRIAN ADVISORY SUBCOMMITTEE  
AGENDA ITEM SUMMARY**

<b>MEMO:</b> temp11BPACa01.02	<b>MEETING DATE:</b> September 13, 2010	<b>DUE DATE:</b> September 07, 2010	<b>UPWP#:</b> 5.10
<b>WORDING:</b> <b>BICYCLE/PEDESTRIAN MASTER PLAN</b>			<b>6B</b>
<b>REQUESTED BY:</b> BPAC	<b>PREPARED BY:</b> Beth Beltran	<b>DOCUMENT(S) REQUIRING ACTION:</b> None	

**BACKGROUND**

During recent BPAC meetings, the concept of developing an updated Bicycle and Pedestrian Master Plan was discussed. Although the 2030 Regional Long Range Transportation Plan (RLRTP) included a bicycle and pedestrian needs and cost feasible list, it appears that the last Draft Bicycle/Pedestrian Master Plan was developed more than ten years ago. A Master Plan would be more detailed in content in comparison to the bicycle and pedestrian planning that was incorporated in the recent 2030 RLRTP, providing specific information about the various bicycle and pedestrian facilities and how they can be applied to the various areas of need.

The FY2011-FY2012 Unified Work Planning Program (UPWP) that was approved by the MPO Policy Board on May 3, 2010, includes a budget of \$40,000 to support the completion of a Bicycle/Pedestrian Master Plan.

**ISSUES**

At the August 9<sup>th</sup> BPAC Subcommittee meeting, MPO staff recommended that the Committee should consider identifying the goals, objectives and measures of effectiveness, as the first step in the creation of the Master Plan. Once the goals, objectives and measures are identified, then other sections of the Master Plan would be recommended to the MPO Board for adoption. Mr. Ken Natoli mentioned that the transportation element of the Comprehensive Plan contains information that addresses bicycle/pedestrian-friendly goals, and Mr. Bob Taylor offered his notes on his research regarding other counties in Florida. (Please see attachments.)

The Subcommittee proposed using the recently updated Bicycle Facilities Map as the base map, to which further information could be added to generate a more informative map.

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**RECOMMENDED ACTION**

Discussion

**FISCAL IMPACT**

\$40,000 in federal highway and federal transit funds

**APPROVAL**

MPO 

**ATTACHMENTS:**

- a. Draft Goals & Objectives
- b. Martin County Comprehensive Plan Transportation Element-Section 5.5.D.
- c. Mr. Bob Taylor's Notes on other Florida counties' Goals & Objectives
- d. Bicycle Facilities Map
- e. 2030 RLRTP Projects and Maps

# DRAFT

## MARTIN COUNTY BICYCLE AND PEDESTRIAN MASTER PLAN

**I. GOAL: Promote safety and education for both motorized and non-motorized users**

- A. OBJECTIVE: Reduce the incidence of bicycle and pedestrian accidents and fatalities
- B. OBJECTIVE: Improve the traffic behavior of bicyclists, motor vehicle operators, and pedestrians through education and enforcement.

**II. GOAL: Establish a countywide system of bicycle and pedestrian routes.**

- A. OBJECTIVE: Increase the accessibility of facilities for bicycle and pedestrian users through a continuous, connected system.
- B. OBJECTIVE: Maintain the system of bicycle and pedestrian routes.

**III. GOAL: Protect the environment and improve the quality of life through plan review, promoting the use of bicycling and walking as modes of transportation.**

- A. OBJECTIVE: Review bicycle and pedestrian facilities on construction and resurfacing projects.
- B. OBJECTIVE: Review bicycle and pedestrian facilities on county and city Community Redevelopment Agency (CRA) plans.
- C. OBJECTIVE: Review and update Bicycle/Pedestrian Master Plan on an annual basis.

**IV. GOAL: Participate in intergovernmental efforts to plan bicycle and pedestrian facilities.**

- A. OBJECTIVE: Work with neighboring counties to connect Martin County's bicycle and pedestrian system.
-

# DRAFT

## MARTIN COUNTY BICYCLE AND PEDESTRIAN MASTER PLAN

- B. OBJECTIVE: Work with the State of Florida, Treasure Coast Regional Planning Council, Martin County departments, municipalities, and other groups within Martin County to achieve the goals of the BPAC.
  - C. OBJECTIVE: Establish and maintain communication among BPACs; neighboring counties; local, regional, and state agencies; and other groups involved with bicycle and pedestrian planning.
-

**From the MARTIN COUNTY COMPREHENSIVE PLAN  
TRANSPORTATION ELEMENT**

**5.5.D.**

*Goal.* The County shall develop a safe bicycle and pedestrian transportation system that is accessible to all major public and private facilities.

*Measure:* Martin County, in coordination, with the State, shall reduce the number of accident-prone locations for bicycles and pedestrians on the countywide road network by a fixed percentage every year. By December 1990, the County shall inventory accident locations and establish an accident-prone threshold beyond which road and intersection improvements need to be evaluated. The level of reduction will also be established by that date.

*Measure:* The number of miles in improved bicycle and pedestrian facilities shall be increased every year. By October 1, 1990, Martin County shall inventory these facilities. A specific annual percentage increase guideline in miles shall be established for these sidewalk-type facilities by December 1, 1993.

**1.**

*Objective.* Improve the transportation system to appropriately accommodate bicycle and pedestrian roadway design and facility requirements.

**a.**

*Policy:* Include the construction of bike/pedestrian ways in conjunction with the construction, reconstruction or changes in any State facilities within five miles of an urban area, and assure that all transportation improvements address the needs of bicyclists and pedestrians, and where bikeways and sidewalks are needed, incorporate the current Florida Department of Transportation design standards.

**b.**

*Policy:* Develop a bicycle and pedestrian accident recording program to identify road segments and intersections having frequent bicycle- and pedestrian-related accidents, with particular attention given to hazards, bottlenecks and barriers.

**c.**

*Policy:* Identify and prioritize bicycle-related transportation improvements intended to eliminate existing facility deficiencies, and consider such improvements in the capital improvement program.

**d.**

*Policy:* Require developers to provide bicycle facilities and sidewalks in proposed developments in accordance with acceptable

engineering standards and encourage the development of communities which foster nonvehicular travel.

e.

*Policy:* Incorporate bicycle and pedestrian considerations in the review of all site plans and plats.

f.

*Policy:* Inform public and private sector planning/engineering and development agencies of the most recent Florida Department of Transportation and American Association of State Highway and Transportation Officials (AASHTO) standards for bikeways and pedestrian facilities.

g.

*Policy:* Develop an improvement and maintenance program for bicycle facilities that establishes a committee to review bicycle facilities and to recommend improvements within Martin County.

h.

*Policy:* Identify and seek funding sources for bicycle-related road improvements and maintenance programs.

2.

*Objective.* Develop a bicycle transportation system which connects all major travel destinations to population concentrations.

a.

*Policy:* Establish bicycle and pedestrian facilities, in accordance with AASHTO guidelines, around schools, with emphasis placed upon the area not serviced by the school bus system.

b.

*Policy:* Provide bicycle access to regional and community parks, beach access areas and other recreational facilities. Such provision should include bicycle parking at these locations as well as at public, commercial and service buildings.

c.

*Policy:* Work with local recreation departments and the State department of environmental protection to develop bicycle facilities within community and regional parks and other major recreational facilities.

d.

*Policy:* Consider off-roadway travel corridors, such as drainage canal, railroad and utility right-of-way property as potential corridors in the bicycle facility system.

e.

*Policy:* Establish bicycle facilities, in accordance with AASHTO or FDOT guidelines, in the area encompassing retirement and handicapped residence centers.

f.

*Policy:* Coordinate bicycle planning activities with other agencies associated with bicycle planning activities in St. Lucie and Palm Beach Counties and local municipalities.

3.

*Objective.* Develop a safe, usable pedestrian circulation system.

a.

*Policy:* Provide a sidewalk along all major streets (including all arterials and collectors identified in the Comprehensive Growth Management Plan).

b.

*Policy:* Provide sidewalks adjacent to schools, and:

(1)

Between school sites and selected major streets;

(2)

Between school sites and parks or recreational areas.

c.

*Policy:* Provide additional sidewalks, where necessary, to connect or complete either existing or proposed sidewalks in a manner that provides a complete pedestrian circulation system.

d.

*Policy:* The County will, in 1991, complete an inventory of all sidewalks by planning districts. In 1998, a five-year sidewalk plan shall be adopted by each taxing district and included in the Capital Improvements Element. In 2000, a longterm sidewalk plan shall be adopted for each taxing district.

## Bob Taylor's Notes

There are several goals well stated in both the Okaloosa-Walton Transportation Planning Organization Bicycle/Pedestrian Master Plan (Okaloosa Plan) and Tallahassee-Leon county MPO Bicycle and pedestrian Pater Plan (Tallahassee Plan) as well as the Martin County 2030 Regional Long range Transportation Plan which I think should be incorporated into our Plan.

For example, the Long Range Plan includes the following goals relating to cycling:

- protecting and enhancing the environment, promoting energy conservation and improving quality of life
- increasing safety for both motorized and nonmotorized users. (3.5.3)

The Tallahassee Plans' goal includes balancing the needs of motorists with bicyclists and pedestrians. There needs to be a shift "from automobile dominated to balance among auto, bike and pedestrian." It further states that it must address the needs of all segments, most notably communities, students, children, the disabled and the elderly.

The Long Range Plan (3.5.4.3) further states: "the Martin county MPO Bicycle and Pedestrian Plan from 1998 and the 2025 LRTP recommend that bicycle and pedestrian facilities are included with any construction or resurfacing project on both sides of major arterials, divided/multi-lane roads, minor arterial, major collectors, and minor collectors. (emphasis added)

Any plan should consider the merits of slowing traffic and adding bike lanes, balancing the needs of automobiles and bicycles. As renowned planner Dan Burten has pointed out, narrowing lanes rarely slows the effective time of getting from point A to point B. According to Mr. Burten, in most instances, road widths of 10-11' are adequate. Roads in the past were not well designed, often just adding lanes or width to the detriment of bicyclists or pedestrians (Okaloosa Plan pp 7,29.) Lane width can be reduced, with excess asphalt then striped with a bicycle lane or paved; shoulders. (Okaloosa p 50), that plan recommends adding bicycle lanes on streets with speeds in excess of 20 MPH (Okaloosa p.51)

Any plan needs to have minimum bicycle implementation standards, such as those listed in the Okaloosa Plan (p.76)

Safety and security standards for both pedestrians and cyclists should be incorporated into any Plan. Security is critical for both pedestrians and cyclists (Okaloosa p.12). For example, lighting standards should be set forth (Okaloosa p. 56). There should be minimum safety standards for sidewalks, such as buffer zones from the streets (Okaloosa p.8, 59 and 62).

Education should be a goal in any plan.

A corollary goal we need to include in any plan is enforcement of bicycle laws.

All county agencies must recognize the importance of the plan to the quality of life and thus the growth and development of the area. As the Okaloosa Plan states on p2: the plan is a resource for citizens, planners, developers, and political leaders wishing to incorporate pedestrian and bike friendly design into their neighborhoods. The plan can guide plans and projects through consideration needed to transform “developments” and roadway projects into “places” which welcome people and attract quality jobs and investment”. The Long Range Plan also notes that the aging population will generate increased demand for bicycle, pedestrian, and greenway facilities connecting residential areas to daily needs. Increased emphasis on bicycle commuting, pedestrian and bicycle safety, physical activity for better lifestyle will further this demand.

I believe we must, as Okaloosa Plan did, identify priority corridors for bicycle facilities (i.e., bike lanes, shoulders). I know we each have our own preferences and familiarity but we need input from the bicycle clubs and running/walking groups. We would give strong consideration to commuting and favored recreational routes, and, of course, where appropriate schools. Connectivity of both sidewalks and bicycle lanes should be priority.

The Tallahassee Plan provides a good overall goal: to improve safety, connectivity, and comfort for pedestrians and bicyclists within \_\_\_\_\_. The goal is to promote systematic approach to providing safer, more convenient, more attractive, and more extensive bicycle and pedestrian facilities, balancing the needs of motorists with transit riders, bicyclists and pedestrians.

Bob Taylor, member Martin County BPAC

# Martin County Bicycle Map



## Bicycle Facilities

- Sidewalks along main roads
- Bike lanes
- Paved 4 foot shoulder
- Multi-use path
- Proposed multi-modal path
- Expressway - no bikes
- Roads with high traffic

- Bike Shop
- Medical Center
- Bus Stop
- Bus Stop with Park and Ride
- Library
- Point of Interest
- School
- Airport
- Beach Access
- Park
- Restroom
- Railroad



**MARTIN MPO**  
 METROPOLITAN PLANNING ORGANIZATION

Map by Martin Metropolitan Planning Organization  
 Design by Steve Spindler Cartography bike-map.com

for questions and comments, please contact:  
 Martin County MPO 417.731.2011/1917

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August 2009



Table 3-17 Cost Feasible Bicycle and Pedestrian Projects, Martin MPO

Project Name	Project Description				2025 Status	Final Project Cost	Revenue Total
	From	To	Facilities				
<b>MARTIN COUNTY - Draft Cost Feasible Bike &amp; Pedestrian Projects</b>							<b>\$ 15,567,000</b>
Cove Road	US 1	Intercoastal waterway	Bike		2025 Cost Feasible	\$ 1,811,282	\$ 13,755,718
CR 5A (Dixie Cut-off)	US 1	Dixie Highway	Pedestrian		Unfunded TIP <sup>2</sup>	\$ 109,997	\$ 13,845,722
SR 707	Savanna Road	Jensen Beach Blvd	Bike		2025 Cost Feasible	\$ 2,447,810	\$ 11,187,812
SR 707	Wright Blvd	Savanna Road	Bike & pedestrian		2025 Cost Feasible	\$ 851,247	\$ 10,346,565
Willoughby Boulevard	SR 714	Pomeroy Street	Bike		2025 Cost Feasible	\$ 1,552,484	\$ 6,794,100
Dixie Highway	Cove Road	Curve	Bike		2025 Need	\$ 1,021,885	\$ 7,772,438
US 1	Wright Blvd	Jensen Beach Blvd	Bike		Unfunded TIP <sup>2</sup>	\$ 1,415,385	\$ 6,357,050
US 1	2nd Street SW	Central Parkway	Bike		2025 Need	\$ 1,282,013	\$ 5,095,038
Dixie Highway	Indian Street	Jefferson Street	Bike		2025 Need	\$ 442,552	\$ 4,852,488
SR 78	Monterey Road	US 1	Bike		2025 Need	\$ 748,927	\$ 3,903,558
Dixie Highway <sup>1</sup>	Grafton Ave	Osprey Street	Pedestrian		2025 Need	\$ 1,270,230	\$ 2,833,329
Monterey Road	Willoughby Blvd	Dixie Highway	Bike		2025 Cost Feasible	\$ 850,417	\$ 1,882,912
Jensen Beach Causeway	Breakwater Drive	Ocean Boulevard	Bike & pedestrian		2025 Need	\$ 753,500	\$ 1,228,413
Murphy Road	River's End Way	Becker Road	Pedestrian		2025 Need	\$ 212,180	\$ 1,017,233
High Meadows Avenue	Martin Highway	south 2000'	Pedestrian		2025 Need	\$ 130,182	\$ 887,040
Monterey Road	Kingswood Terrace	Ocean Boulevard	Bike		2025 Need	\$ 275,185	\$ 811,855
Ocean Boulevard	Monterey Road	St. Lucie Boulevard	Bike		2025 Need	\$ 543,053	\$ 68,802
CR 714	Martin Downs Blvd	Mapp Road	Bike & pedestrian <sup>1</sup>		2025 Cost Feasible	\$ -	\$ 68,802
Indian Street Bridge	Mapp Road	SR 78	Bike & pedestrian <sup>1</sup>		2025 Cost Feasible	\$ -	\$ 68,802
SR 78	CR 708	Cove Road	Bike & pedestrian <sup>1</sup>		2025 Cost Feasible	\$ -	\$ 68,802
Willoughby Boulevard	US 1	SR 714	Bike & pedestrian <sup>1</sup>		2025 Cost Feasible	\$ -	\$ 68,802

<sup>1</sup> Facilities will be constructed as a component of a road project.

<sup>2</sup> Partially funded in the Martin County MPO FY 05/06 Transportation Improvement Program

Martin Bicycle and Pedestrian Revenues

Enhancements	\$	8,267,000
Box funds	\$	4,000,000
Impact Fees	\$	2,000,000
MSTU	\$	3,300,000
<b>Total Revenues</b>	<b>\$</b>	<b>15,567,000</b>
<b>Cost Feasible Plan</b>	<b>\$</b>	<b>15,488,188</b>
<b>Balance</b>	<b>\$</b>	<b>68,802</b>

