



1015 Cultural Park Blvd.

Cape Coral, FL

## **AGENDA**

### **Transportation Advisory Commission**

<b>September 25, 2019</b>	<b>9:00 AM</b>	<b>Conference Room 220A</b>
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**1. Meeting called to order**

A. Chair Gunter

**2. ROLL CALL**

A. Carioscia, Cosden, Coviello, Gunter, and Alternate Williams

**3. APPROVAL OF MINUTES**

A. Meeting Minutes - August 21, 2019

**4. PUBLIC INPUT**

**5. BUSINESS**

A. MPO Issues- Persides Zambrano, Public Works Planning and Permitting Manager

**6. OLD BUSINESS**

A. Median Improvement Installation Delivery Methods- Paul Clinghan, Public Works Director; Stephanie Smith, Public Works Design and Construction Manager

B. Bernice Braden Park Design Proposal- Stephanie Smith, Public Works Design and Construction Manager

C. Adopt-A-Median Sign Update- William Corbett, Traffic Engineer

D. Chiquita Boulevard Median Landscaping Follow-up (Cape Coral Parkway to El Dorado Parkway West)- Stephanie Smith, PW Design and Construction Manager; William Corbett, Traffic Engineer

**7. MEMBERS COMMENTS**

## **8. Time and Place of Next Meeting**

- A. The next Transportation Advisory Commission meeting will be held on Wednesday, October 16, 2019, at 9:00 a.m. in Conference Room 220A.

## **9. Motion to Adjourn**

In accordance with the Americans with Disabilities Act and Florida Statutes 2.86.26, persons needing a special accommodation to participate in this proceeding should contact the Human Resources Department whose office is located at Cape Coral City Hall, 1015 Cultural Park Boulevard, Cape Coral, Florida; telephone 1-239-574-0530 for assistance, if hearing impaired, telephone the Florida Relay Service Numbers, 1-800-955-8771 (TDD) or 1-800-955-8700 (v) for assistance.

If a person decides to appeal any decision made by the Board/Commission/Committee with respect to any matter considered at such meeting or hearing, he will need a record of the proceedings, and for such purpose, he may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is based.

Item Number:	3.A.
Meeting Date:	9/25/2019
Item Type:	APPROVAL OF MINUTES

**AGENDA REQUEST  
FORM**  
CITY OF CAPE CORAL



**TITLE:**

Meeting Minutes - August 21, 2019

**SUMMARY:**

**ADDITIONAL INFORMATION:**

**ATTACHMENTS:**

**Description**

- ▢ Meeting Minutes - August 21, 2019

**Type**

Backup Material

**MINUTES FROM THE REGULAR MEETING OF THE  
CAPE CORAL TRANSPORTATION ADVISORY COMMISSION (CTAC)**

**Wednesday, August 21, 2019**

**Conference Room 220A**

**9:00 a.m.**

Meeting called to order by Chair Gunter at 9:08 a.m.

ROLL CALL: Chair Gunter, Commission Members Carioscia, Cosden, and Coviello were present. Commission Member Stokes and Alternate Williams were excused.

Also Present: Paul Clinghan, PW Director  
Persides Zambrano, PW Planning and Permitting Manager  
Stephanie Smith, PW Design & Construction Manager  
Wendy Williams, PW Principal Engineer  
William Corbett, PW Traffic Engineer  
Tessa Heines, PW Engineer  
Maureen Buice, Public Information Specialist  
Steve Henry, MPO Citizens Member

**APPROVAL OF MINUTES**

**Meeting Minutes – July 24, 2019**

***Commission Member Coviello moved, seconded by Commission Member Carioscia, to approve (the minutes from the July 24, 2019 meeting, as presented).  
Voice Poll: All “ayes.” Motion carried.***

**PUBLIC INPUT**

Dennis Winchester appeared on behalf of the Northwest Neighborhood Association (NWWA) and announced that John Jacobs, President, and John Karcher, Vice President, have resigned. John Bashaw, Past President, would be the acting President until the end of the year, and he would be the main point of contact.

**NEW BUSINESS**

**Adopt-A-Median Recognition Sign Review  
William Corbett, Traffic Engineer**

Traffic Engineer Corbett presented several options regarding the Adopt-A-Median Recognition Sign Review. He explained how the signs are fabricated in-house.

- No inkjet or silkscreen printing process available
- Staff unable to fabricate a picture looking sign with the in-house resources

- Option to outsource and hire a printing company to create the sign
- Estimated cost of \$200 to fabricate a sign
- Visibility of the signs – cartoonish look of the palm trees

Engineer Corbett displayed the three sign options on the monitor:

- Option 1 – presented last month and being shown as a comparison
- Option 2 – palm trees more realistic – fabricated in-house
- Option 3 – final option

Engineer Corbett requested the Commission's feedback on the proposed options.

Chair Gunter requested to review each option again.

Engineer Corbett stated that the Staff used the same text language, background, and colors discussed at the last meeting.

Commission Member Carioscia inquired about how many signs were anticipated.

Design and Construction Manager Smith responded that there was a combination of 16 medians that have been partially adopted and three that were fully adopted, none of the sites have signs posted at this time. She reported that there are 16 cul-de-sacs that were also adopted and do not have signs posted. In total, there are 35 sites and the estimated number of signs would be two to three per year.

Discussion held regarding:

- Suggestion to have the donors to pay for the signs
- Selecting a uniformed sign with more graphic or artistic features
- Option for donors to donate the material and install the sign
- City would take over maintenance of the sign

Commission Member Cosden did not agree with any of the sign options presented today.

Discussion held regarding:

- Past options with various colors and text verbiage
- Staff could fabricate signs with only text
- Design option to keep the wording on signs – no pictures
- Using normal traffic font "City of Cape Coral Landscaping Donated by Publix"
- Offering option of City word only sign or more graphic sign
- Keeping uniformity of the sign
- Key is to list the name of the Donor
- Sign must be presented to the City Council for approval per Ordinance
- Blanket approval of one or two sign design options
- Sign usage comparison of Naples, Bonita Springs, Fort Myers, and other Cities
- Researching and presenting the other Cities signage options

- Adopt-A-Median Ordinance changes: maintenance and adopting signage template
- Legal required to draft the Ordinance changes
- Two separate Agenda items: Changes to Adopt-A-Median Ordinance and signage template once the design adopted
- Using one Adopt-A-Median template design

Engineer Corbett summarized that the action plan for the next CTAC meeting included presentation of sign examples from Naples, Bonita Springs, and Fort Myers, and provide example of a sign template with text only generated with in-house resources. The Staff would also present the Adopt-A-Median Ordinance and templates to the City Council as soon as possible.

**Cape Coral Parkway Traffic Study Update**  
**William Corbett, Traffic Engineer**

Engineer Corbett informed that the Cape Coral Parkway Traffic Study was completed, and the results were presented at today's meeting.

Director Clinghan stated that the smaller studies were conducted with the in-house traffic software based on the options previously discussed and requested by the Commission.

Engineer Corbett presented a PowerPoint as follows:

- Cape Coral Parkway Traffic Study (2 slides)
- Table 3 – Summary of Travel Time and Delay
- Cape Coral Parkway Traffic Study (2 slides)
- "Base" Peak Hour Conditions: Coronado Parkway to Del Prado Boulevard
- Cape Coral Comprehensive Plan: Transportation Element states level of service "E" for Cape Coral Parkway
- "Base" Peak Hour Level of Service Conditions – Existing Level of Service
- To address the concerns, the study evaluated three alternatives
- Alternative 1 – Extend turn lane at Del Prado (Remove left at Cape Coral Street)
- Alternative 1 – Results

Director Clinghan stated that the study conclusion indicated the savings of about 77 seconds in the eastbound direction by extending the left turn lane, which removes the turn onto Cape Coral Street.

Commission Member Coviello mentioned that he understood that Lee County was conducting a study on the stacking on the McGregor exit.

Planning and Permitting Manager Zambrano and Engineer Corbett responded in the affirmative.

Commission Member Coviello suggested that the City work in conjunction with the Lee County Transportation on the study.

Engineer Corbett reported that the study was in progress and involved changing the lane assignment on the off ramp to permit more free flowing traffic, allowing more vehicles to head south. He stated that the Staff would be making improvements within the next six months or so.

Discussion held regarding:

- Study by the County included striping and line assignment with signal phasing
- Constraints and congestion on the bridge
- How many more cars would be allowed if Cape Coral Street left turn eliminated?
- Alternate scenarios resulted in less benefit to be considered
- Less than a quarter mile (roughly two blocks) to turn left on Vincennes Street
- East left turn would remain open
- Holiday Inn and Perkins access by turning right on Lafayette Street
- Plenty of alternatives with this option

Engineer Corbett pointed out that each alternative was evaluated independently, and the numbers reported were for each specific alternative. He continued with the presentation as follows:

- Alternative 2 – Restricting side roads to “Right turn only”
- Alternative 2 – Results

Vice Chair Cosden inquired if the software factored in the bottleneck issue.

Engineer Corbett responded in the affirmative.

Discussion held regarding:

- Studies modeled from Coronado to Del Prado Boulevard
- Focus on what could be done from Cape Coral side to improve traffic conditions
- Hitting Del Prado Boulevard at a Service Level “F”
- Signal timing studies factoring longer green light time periods
- Possibility of compound effect once the County addresses the exit ramp
- Restriction of cross-traffic left and through movements under this alternative
- Cape Coral Parkway lights would remain green during peak hours
- Possible safety hazard and may not meet driver’s expectations
- Signage prompting no left turns between specific times
- Alternative affects the cross-traffic from south and north sides
- Recommendation for a 30-day pilot program
- Utilize Police Department Volunteers for traffic control
- Coordinating with Lee County on changing signal timing during peak hours for the studies, placing signage, and/or using volunteers to manage traffic
- Extending corridor study limits to determine savings
- Bottleneck at the bridge would be considered the critical point

Director Clinghan requested the opportunity to work on the logistics with Lee County Transportation and determine how many volunteers would be required.

Manager Smith requested time to coordinate with the school district and LeeTran to identify any turning patterns that may be affected in the area.

Discussion held regarding public notification of the study.

Engineer Corbett summarized that the Staff would develop the parameters for the study, work with the public information officer (PIO) to ensure that the public is notified of the study and provide an update at a future CTAC meeting. The suggested time for the study was in November or December, and the results would be presented in the new year.

Chair Gunter verified that the action plan was for Alternative 2.

Engineer Corbett responded in the affirmative. He explained that two out the three Alternatives would require infrastructure improvements. He continued as follows:

- Alternative 3 – Removal of On-Street Parking Spaces
- Alternative 3 – Results
- Alternative 3 – Results (cont.)

Chair Gunter inquired about the addition of the lane on the Cape Coral bridge.

Engineer Corbett informed that in the westbound direction, Lee County planned on reconstructing the bridge in 2028. The City Staff has not received confirmation as the design has not been completed, and it was unsure if there would be two or three lanes. The deck would be wide enough to accommodate three lanes; however, there are other factors to be taken into consideration. He explained that only two lanes would be coming into the intersection, which would require further improvement from the Lee County side. The City and Lee County could work together on the construction of the three incoming lanes into the receiving side. In order to facilitate the alignment, additional right-of-way on both sides would need to be acquired.

Chair Gunter mentioned that this intersection would need to be addressed sooner than later, within the next ten years. He suggested that a design should be worked on with the County on a projected plan.

Engineer Corbett reported that the City has been working with the County on the east/west corridor. Both entities continue to collaborate with one another on analyzing studies and potential projects on the horizon.

Discussion held regarding:

- Council participation with the Lee County Metropolitan Planning Organization (MPO)
- Review of Alternative 2 – 95 seconds reduction in time
- Pilot Program would be conducted in the morning peak hours eastbound



Engineer Corbett summarized the presentation with the following slides:

- Summary of Results
- Questions?

Director Clinghan inquired if the CTAC was recommending moving forward with Alternative 1. The full cost would need to be presented to the City Council.

***Consensus agreed with no objectives.***

***Vice Chair Cosden moved, seconded by Commission Member Coviello, to bless (recommend) Alternative 1. Voice Poll: All “ayes.” Motion carried.***

Director Clinghan reiterated that the costs would be gathered and Alternative 1 would be presented to the City Council for a full vote.

Discussion held regarding Alternative 2 would not be presented to the City Council at this time as the pilot study would be conducted first.

Engineer Corbett discussed that the study would include traffic heading eastbound, in the AM peak hours during peak season, ensuring that school in session, development of the parameters of the studies whether cones and/or signage would be used to direct traffic, and changing timings. The term sheet would be developed to determine the best way to yield the most refined results of the pilot study.

***Commission Member Coviello moved, seconded by Vice Chair Cosden, to enter into a pilot program eastbound of the intersection for 30-days (study between 30 to 60 days for Alternative 2). Voice Poll: All “ayes.” Motion carried.***

Discussion held regarding:

- Time length of study between 30 – 60 days to capture a decent amount of data
- Alternative 3 – hold option until further notice
- Continue to monitor all traffic conditions and provide update in the future
- Multi-lane roundabout – exceeds capacity and more right-of-way required
- Possibility of flyover bridge in the future, similar to Veterans Parkway
- New software utilized to generate studies results

### **3-Year Local and Major Road Paving Plan**

**Stephanie Smith, PW Design and Construction Manager**

Manager Smith discussed the two maps that were included in the backup material. The maps identified the Local and Major Road Resurfacing Plans for the next three years. She distributed additional maps for discussion as follows:

- FY2013 thru FY2019 Local Road Resurfacing Completed with Lane Miles
- FY2013 thru FY2019 Major Road Resurfacing Completed with Lane Miles
- Local Road Paving by Years 2001 thru 2019
- Major Road Paving by Years 2001 thru 2019

Director Clinghan explained the paving process. The areas in the north are paved while balancing the Utilities Expansion Project (UEP).

Discussion held regarding paving schedules for the following areas:

- Gleason Parkway from Santa Barbara to Chiquita Boulevard
- Mohawk Parkway paving reports
- Contacting John Hawkins, resident, reported road issues and clogged drains
- Paving plan of Mohawk Parkway; considering spot paving 100-foot section
- Everest Parkway in conjunction with the galvanized project
- Reconstruction of Nicholas Parkway and water main utility project
- Wait for utility projects to coincide with paving plans, if possible
- \$6.5 million permits for paving of 100 lane miles on an average
- Indicating on maps that Del Prado Boulevard was paved by Lee County
- Asphalt sidewalks and costs associated would be more than concrete costs
- In-house sidewalk capabilities
- Concrete and asphalt comparisons
- Durability and construction of the asphalt vs. concrete
- Sun Trail grant opportunity to test first asphalt trail
- City taking over the maintenance of the trail
- Map showing the City's sidewalks
- Costs of constructing sidewalks on one-side of the street in school areas
- Jaywalking challenges
- Sidewalk grant applications
- Consideration of allocating extra funds for sidewalks in the school zones
- Three-year paving program with intent to utilize the \$6.5 million each year
- FY2019 estimated \$300,000 left for possible spot paving on Kismet and Diplomat
- Pending decision whether to spot pave roads to make passable
- Possibility of allotting more funds for the paving projects
- Areas paved more than 20 years ago would be addressed with additional funds

Manager Smith summarized that she would forward the paving plans to the entire Council.

Manager Zambrano agreed to provide the sidewalk map.

#### **Capital Improvement Program**

**Paul Clinghan, PW Director, Persides Zambrano, PW Planning and Permitting Manager, and Stephanie Smith, PW Design and Construction Manager**

Director Clinghan discussed the Capital Improvement Program from the Five and Six Cent Funds. He reviewed the spreadsheet that was handed out at the Joint Budget Workshop:

- Five and Six Cent Funds are fixed amounts that generate about \$8 million per year
- Assigning additional funds for streetlights and sidewalk crew
- Funds listed being put aside for pending and upcoming projects

- Proposed cash flow projections
- Allocating funds in the bridge kitty (fund)
- 150 City bridges; rehabilitation cost estimated at \$200,000 to \$1 million for each
- Engineering firm next round of inspections to include bridges rehabilitation costs
- Better understanding on what needs to be put into the kitty
- Nicholas Parkway and City's portion of the Sun Trail widening of Kismet Parkway
- Category of Traffic Control Devices/Intersection Improvements
- Balance known projects and anticipated projects in the five-year plan
- Costs not accessed for road paving, adding road lanes, and other items
- UEP pays for existing major roads and City pays for new and extra road costs
- Sun Trail widening on Kismet Parkway
- School donation to the City of the right-of-way on Kismet
- Putting funds aside for anticipated upcoming projects
- Funds for the removal of the Chiquita Lock and process of bids/design/permitting
- Velocity challenges and maintaining access – legal reviewing this matter
- S.R. 78 Parallel Access Road could be used for future roadway improvements
- Funds used for purchase of properties such as Andalusia Road
- Bridge rehabilitation replacement fund in FY2019 rollover into FY2020 \$1.6 million
- Potential revenues spreadsheet
- Page 2 of handout FY 2024 Totals accumulated in the five-year period
- Completion of listed projects and funds availability
- Allocation of rollover funds into the bridge fund
- Allocation of the \$51 million from the Six Cent Fund for basic maintenance costs
- Future Transportation Corridor Analysis
- Burnt Store Road Corridor estimated in the next 10-years
- Transportation Capital document only a draft
- Gas Tax revised draft agreement update

Commission Member Coviello discussed the possibility of removing the smaller bridges without interfering with the response time for public safety.

Director Clinghan responded that this topic was pending more analysis when studies are completed in the future.

Commission Member Carioscia inquired about the sufficiency of the Grant and General Funds capital for the City sidewalk crew.

Manager Zambrano responded that funding was available for the sidewalk crew.

Director Clinghan provided information on the sidewalk crew working schedule.

Discussion held regarding:

- Sidewalk crews and associated costs

- Usage of impact fees to pay for specific fees based on roadways
- New crew estimated at \$1.1 million with a reoccurring cost of \$750,000
- Estimation of adding \$100,000 toward Streetlight Program
- Wait-list prioritization
- 1<sup>st</sup> priority: Semi-permanent school bus stops completed
- 2<sup>nd</sup> priority: Major road intersections: 38 completed, 18 left which does not include 10 that are in the UEP, widening, or realignment areas – FY2022-2023
- 3<sup>rd</sup> priority: Major road segments/corridors – Council set priorities
- Possible allocation of more funds toward streetlights
- Next tiers and semi-permanent streetlights projects
- Formally adding 4<sup>th</sup> priority on Crime Police Chief Discretion Areas
- Council reevaluation of priorities list
- School bus stop benches solar lighting update
- Costs associated with installing lighting fixtures at the sites
- Benches located at semi-permanent bus stops – reviewing at the end of the year
- Diameter streetlight illumination footprint about 160-feet encompasses the site

### **OLD BUSINESS**

Chair Gunter requested an update on the Cape Coral bridge area landscaping design.

Manager Smith responded that the scope was being developed with the consultant and should be available by the end of the month. This would need to be presented to the Council for approval. She anticipated that the design would be ready in November or December.

### **MEMBER COMMENTS**

None.

### **Time and Place of Next Meeting**

The next regular meeting was scheduled for Wednesday, September 18, 2019, at 9:00 a.m. in Conference Room 220A.

### **Motion to Adjourn**

There being no further business, the meeting was adjourned at 10:54 a.m.

Submitted by,

Betty Castillo  
Recording Secretary

<b>Item Number:</b>	<b>5.A.</b>
<b>Meeting Date:</b>	<b>9/25/2019</b>
<b>Item Type:</b>	<b>BUSINESS</b>

**AGENDA REQUEST FORM**  
CITY OF CAPE CORAL



**TITLE:**

MPO Issues- Persides Zambrano, Public Works Planning and Permitting Manager

**SUMMARY:**

**ADDITIONAL INFORMATION:**

**Item Number: 6.A.**  
**Meeting Date: 9/25/2019**  
**Item Type: OLD BUSINESS**

**AGENDA REQUEST FORM**  
CITY OF CAPE CORAL



**TITLE:**

Median Improvement Installation Delivery Methods- Paul Clinghan, Public Works Director;  
Stephanie Smith, Public Works Design and Construction Manager

**SUMMARY:**

**ADDITIONAL INFORMATION:**

**Item Number: 6.B.**  
**Meeting Date: 9/25/2019**  
**Item Type: OLD BUSINESS**

**AGENDA REQUEST FORM**  
CITY OF CAPE CORAL



**TITLE:**

Bernice Braden Park Design Proposal- Stephanie Smith, Public Works Design and Construction Manager

**SUMMARY:**

**ADDITIONAL INFORMATION:**

**Item Number: 6.C.**  
**Meeting Date: 9/25/2019**  
**Item Type: OLD BUSINESS**

**AGENDA REQUEST FORM**  
CITY OF CAPE CORAL



**TITLE:**

Adopt-A-Median Sign Update- William Corbett, Traffic Engineer

**SUMMARY:**

**ADDITIONAL INFORMATION:**



**Item Number: 6.D.**  
**Meeting Date: 9/25/2019**  
**Item Type: OLD BUSINESS**

**AGENDA REQUEST FORM**  
CITY OF CAPE CORAL



**TITLE:**

Chiquita Boulevard Median Landscaping Follow-up (Cape Coral Parkway to El Dorado Parkway West)- Stephanie Smith, PW Design and Construction Manager; William Corbett, Traffic Engineer

**SUMMARY:**

**ADDITIONAL INFORMATION:**