



1015 Cultural Park Blvd.
Cape Coral, FL

AGENDA

Transportation Advisory Commission

March 20, 2019	9:00 AM	Conference Room 220A
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1. Meeting called to order

A. Chair Gunter

2. ROLL CALL

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

3. APPROVAL OF MINUTES

A. January 16, 2019 Meeting Minutes

4. PUBLIC INPUT

5. BUSINESS

- A. S.E. 47th Terrace Streetscape Project Update - John Szerlag, City Manager and Paul Clinghan, PW Director
- B. City-Owned Street Lights on Cape Coral Parkway - Mark Ridenour, PW Facility Projects Manager
- C. Cape Coral Parkway Traffic - William Corbett, Traffic Engineer
- D. Median Landscape Design Sample Plans- Max Spann, Landscape Architect, CPH
- E. Adopt a Median Ordinance - William Corbett, Traffic Engineer
- F. Median Improvements - Stephanie Smith, PW Design and Construction Manager and William Corbett, Traffic Engineer
- G. Landscape Enhancements at the Cape Coral Parkway Bridge - William Corbett, Traffic Engineer
- H. Alley Paving - Stephanie Smith, PW Design and Construction Manager
- I. Streetlight Program - William Corbett, Traffic Engineer

- J. Citywide Welcome Signs - William Corbett, Traffic Engineer and Maureen Buice, Public Information Specialist
- K. Burnt Store Road Improvements - Persides Zambrano, PW Planning and Permitting Manager
- L. MPO Issues - Persides Zambrano, PW Planning and Permitting Manager

6. OLD BUSINESS

7. MEMBERS COMMENTS

8. Time and Place of Next Meeting

- A. The next meeting will be held on Wednesday, April 17, 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:	3/20/2019
Item Type:	APPROVAL OF MINUTES

**AGENDA REQUEST
FORM**
CITY OF CAPE CORAL



TITLE:

January 16, 2019 Meeting Minutes

SUMMARY:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Description

▢ January 16, 2019 Meeting Minutes

Type

Backup Material

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

Wednesday, January 16, 2019

Conference Room 220A

9:00 a.m.

Meeting called to order by Vice Chair Gunter at 9:02 a.m.

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

Also Present: John Szerlag, City Manager
Paul Clinghan, PW Director
Persides Zambrano, PW Planning and Permitting Manager
William Corbett, PW Traffic Engineer
Stephanie Smith, PW Design & Construction Manager
Mike Struve, DCD Planning Team Coordinator
Maureen Buice, Public Information Specialist
Tessa Heines, PW Engineer
Connie Griglin, Youth Council Administrative Contact
Isabella Ico, Youth Council Member

APPROVAL OF MINUTES

November 14, 2018 Meeting Minutes

The minutes of the CTAC meeting of November 14, 2018 were presented for approval.

Commission Member Carioscia moved, seconded by Commission Member Coviello, to approve the minutes from the November 14, 2018 meeting as presented. Voice Poll: All "ayes." Motion carried.

PUBLIC INPUT

No speakers.

BUSINESS

Election of Chair and Vice Chair

Vice Chair Gunter opened the floor for nominations for Chair. He announced that Chair Cosden did not want to continue as Chair but would entertain the possibility of being Vice Chair. (Interim City Clerk Bruns supplied email she received from Member Cosden for this announcement.)

Commission Member Williams moved, seconded by Commissioner Carioscia, to have John Gunter as Chair. Voice Poll: All “ayes.” Motion carried.

Chair Gunter opened the floor for nominations for Vice Chair.

Commission Member Carioscia moved, seconded by Commission Member Coviello, to have Jessica Cosden as Vice Chair. Voice Poll: All “ayes.” Motion carried.

Youth Council Traffic Advisory Presentation

Youth Council Member Ico presented a powerpoint on the Youth Council’s Opinion on Local Traffic Concerns:

- Entrance/Exit into the Publix or McDonald’s parking lot near Cape Coral High School
- Entrance into Pine Island plaza near Chick-Fil-A, Chili’s, and Super Target on Pine Island Road
- Intersection on SW 12 Ave and SW 4 St near the Mid Cape Gym
- Intersection at SW 20 Ave and Trafalgar Pkwy
- Our Concerns – Mixture of new drivers with snowbirds, those who follow the speed limit mixed in with those who are way over and way below; multiple areas of unnecessary and overgrown vegetation causing sight obstruction; vehicles are forced to share the road with the designated bike lane; license renewal process
- Our Suggestions – mandatory crosswalks; City landscaping should be dispatched to areas of concern to alleviate dangerous obstructions, monthly upkeep of areas; regulation for planting of vegetation in accordance to driving visibility; possibly adding street lights to dangerous intersections; upkeep with street lighting to provide safety and visibility for pedestrians and drivers

Chair Gunter thanked Youth Council Member Ico for the presentation.

Commission Member Williams agreed with the issues addressed in the presentation. Today’s meeting will include median landscaping and problems with sight lines.

Commission Member Coviello questioned traffic-friendly landscaping.

Traffic Engineer Corbett responded that he would report all of the issues in the presentation to Code Enforcement, except for those on private property (intersection within the parking lot.) In that case, all staff could do is provide recommendations. The balance of the areas is associated with the commercial developments, and they are required to keep the clear sight window open. Code Enforcement will be dispatched to these businesses to request that they maintain their vegetation at a low-enough elevation for us to see. He noted a pole at the intersection at SW 20 Ave and Trafalgar Pkwy was cost-prohibitive to remove.

PW Director Clinghan stated he would alert his crews working on median maintenance to monitor appropriate heights of landscaping. He added that if anyone has issues with sight distance on private property to inform staff.

Engineer Corbett explained that sidewalks are provided at most of our locations that are in line with the Safe Routes to Schools and our sidewalk program. Crosswalks are not marked unless they are within two miles of a school. We limit crosswalks to our major road intersections, not so much our local road intersections which is Public Works policy. He discussed that pedestrian-signalized intersections are limited to our signalized intersections. Currently, we are working on an evaluation for every school City-wide in conjunction with an FDOT program to reduce the speed limits, implement flashers, and update the striping and signage to make sure it meets the newest criteria.

Commission Member Carioscia questioned if a flashing electrical sign could be installed on the roundabout on 47th.

Engineer Corbett stated the sign could be placed but without a flasher. It is something that staff could evaluate in the future to see if people are not adhering to the posted signs, and if not, then they will enhance the existing signage.

Commission Member Carioscia questioned why we will need to wait until there is an issue.

Engineer Corbett stated there is an option of using a solar-powered flasher.

Director Clinghan stated they will look at it and obtain a cost.

Commission Member Carioscia questioned when a study would be available for eastbound Cape Coral Parkway to go north on Del Prado Boulevard.

Engineer Corbett stated he looked at that after one of the CTAC meetings and the length of that left turn lane is maximized. There is no room for extension without closing the median opening that allows the westbound to southbound left turn at Cape Coral Street by Perkins. We would have to close that median opening in order to extend those left turn lanes. Currently, there is no opportunity to increase the length of those left turn lanes.

Commission Member Carioscia stated the median gets very narrow at a certain point to Del Prado. Can we eliminate the width of that median for another 50 or 75 feet?

Engineer Corbett stated he did not know that there would be enough to make that lane significantly longer. He would have to evaluate it on paper and see if we can lay out a preliminary design. The way it stands today the left turn lane is as long as it can be.

Commission Member Carioscia requested to meet with him and the PW Director at that site in the near future.

Commission Member Coviello stated the issue there is not only the shortness of the turning lane, but the light itself is very short.

Engineer Corbett stated that Lee County evaluates the signal light timing annually. He noted there may be a short phase due to demand on other approaches as well as the time of day and the time of the week. A signal timing study was completed in 2018 which evaluates that signal and the entire corridor to optimize flow over the bridge. There should not be a timing issue with that signal, but that is something staff can look into.

Chair Gunter added that he was at that intersection 2-3 weeks ago during morning rush hour traffic, the lane was completely filled up, and only one lane was getting through that intersection to go to the bridge causing a backup. There are still timing issues and about only three cars are able to go through, no matter what the timing is.

Engineer Corbett stated there is always the bottleneck at the bridge which has a domino effect to increase congestion in that area.

Commission Member Coviello stated part of the bridge issue is people getting off McGregor on the other side of the bridge. He noted he mentioned this at a MPO meeting and asked them to look at this as part of their study. He questioned if staff had any influence.

Engineer Corbett stated the County had discussed changing the signal operation getting off at McGregor. When they meet with them, they will discuss this issue.

Chair Gunter questioned staff not being able to enforce any type of modifications on private property. Can they still be compelled if they fall into the sight requirements?

Engineer Corbett stated the ones he mentioned, except the one that was entirely on private property, are public roads tying into a driveway, those bushes are along the right of way, staff can call Code Enforcement who will contact the owners and inform them they need to trim. The other scenario that was entirely in a parking lot was not within any sight triangle that the City manages since it was private property. Staff can recommend trimming.

Chair Gunter inquired if staff will be looking at the intersections mentioned in the presentation and make recommendations.

Engineer Corbett responded in the affirmative. He noted if it needs to be reported to Code, it will be done. If Public Works can handle any trimming back of the vegetation, it will be done.

Commission Member Williams inquired if Code and/or Public Works could address these issues if they see something while on the road.

Engineer Corbett responded that they are not allowed to cut overgrown vegetation on private property.

Director Clinghan noted the procedure to follow was through Code via notification from Public Works.

Youth Council Member Ico questioned the license renewal process. Can there be an adjustment to it besides just a vision test?

Chair Gunter suggested that they contact the Motor Vehicles Administration or a State representative regarding that matter.

PW Design and Construction Manager Smith stated if the Youth Council has any additional locations to provide that information to the Traffic Engineer or to call 311.

**Intersection at Del Prado Extension and De Navarra Parkway
William Corbett, Traffic Engineer**

Traffic Engineer Corbett provided a brief background by discussing the following information:

- Multiple developments at this intersection are mostly Entrada and the Commercial Center at Entrada
- Stipulation of their PDP (Planned Development Project) required them to contribute toward a traffic signal in the future when warranted
- As Public Works monitors congestion and safety throughout the City, this is an intersection that may be close to a traffic signal being warranted.
- Public Works is working with DCD (Department of Community Development) to contact all of the responsible parties for construction of the traffic signal to conduct a study and determine if a signal is warranted. If so, move forward with design and construction.
- Have met with Legal and DCD
- Requirement is on ten property owners
- 25 percent shared cost at the Commercial Center at Entrada
- 75 percent at Entrada itself
- Mike Struve with DCD has the Ordinance information is anyone needs it.
- Putting together the technical elements for the study which will require a signal warranted analysis
- Will work with DCD to finalize that and contact all of the business owners
- When there is a schedule available for a study and have the pre-application meeting, staff will determine a plan of action through the private property owners, and staff will come back to CTAC with an update.

Median Landscape Update
William Corbett, Traffic Engineer

Engineer Corbett announced that templates have been received and need feedback from CTAC. He presented the following PowerPoint:

- City of Cape Coral Median Landscape Design – January 16, 2019
- In This Presentation
- Design Templates
- Design Templates (continued)
- High Intensity Median Cross Section Template - Landscaping Only Estimated Cost: \$250,000 per mile (does not include irrigation, curbing, access management, maintenance, etc.)
- Medium Intensity Median Cross Section Template - Landscaping Only Estimated Cost: \$200,000 per mile (does not include irrigation, curbing, access management, maintenance, etc.)
- Low Intensity Median Cross Section Template - Landscaping Only Estimated Cost: \$170,000 per mile (does not include irrigation, curbing, access management, maintenance, etc.)
- Total Project Costs
- High Intensity – Up to \$1,035,000 per mile
- Medium Intensity – Up to \$978,000 per mile
- Low Intensity – Up to \$945,000 per mile
- Total Project Costs – Estimated Annual Maintenance Costs
- High Intensity - \$45,000 per mile
- Medium Intensity - \$40,000 per mile
- Low Intensity - \$30,000 per mile
- Estimated Annual Irrigation Cost: \$1,600 per mile
- Median Landscaping Design Themes Map

Discussion held regarding the following:

- Irrigation in the North and if they will be placed in the median
- Destination points for tropical themes
- List of ten priorities – possibly revisiting them – Engineer Corbett will bring to next meeting for discussion
- Numbers seem high and bid to private section for cost analysis
- Up-to-date cost derived from another project completed by Johnson Engineering
- Obtain a third-party independent cost evaluation – to be provided at the next meeting
- Proposed Mixed Theme (Skyline, Pelican, and El Dorado)
- Tropical in residential Chiquita and Agualinda - Why are we not consistent throughout the whole City?

Commission Member Carioscia suggested going tropical on Skyline and El Dorado.

Engineer Corbett stated they could do that. The idea was based on what is currently existing. It was independent of an adjacent land use and did not take into account that there was 100% residential. Mixed would serve them just as nicely as tropical. Pelican is already established, but they welcomed recommendations on changes.

Commission Member Carioscia explained his recommendations were based on conversations from residents in the area who preferred a tropical theme. He suggested if it was still open to change, to go tropical in residential areas.

Engineer Corbett stated CTAC should inform staff of changes they are requesting. He stated what was on the list so far: 1) make Skyline and El Dorado tropical. There was no objection.

Discussion held regarding upgrading to tropical as we remove the old trees.

Director Clinghan clarified that the request is for all roads South of Cape Coral Parkway to be a tropical theme with the exception of the ones that already have an existing theme.

Engineer Corbett summarized the list: Agualinda, Chiquita, Skyline, El Dorado, Rose Garden, and El Dorado Parkway east. He confirmed that every road south of the Parkway except those which are already established switching to tropical theme.

City Manager Szerlag inquired of the PW Director if a report would be available from CPH Landscape Architects for the next meeting in terms of having them analyze our estimated costs.

Director Clinghan responded in the affirmative.

Engineer Corbett continued the presentation and discussed the following slides:

- Median Landscaping Intensity Levels

Chair Gunter questioned once we put these in a category of intensity, will we only improve that particular median at that particular level as long as we have that dollar figure or could we do it in stages?

Manager Smith stated it would be her recommendation that we would at least design it up front and construction it in phases. When we get to obtaining bids, we could always make a decision at that time.

Director Clinghan discussed the difference in costs between high intensity to low intensity; a ground cover would add to the cost. When it is compared to the overall costs, they are all about \$1 million. It shifts from a landscaping median project to curbing and irrigation. With the Adopt-a-Median program, if someone came in and wanted to put trees in and it was high intensity, would we allow them to just put in the trees first? That is a decision that needs to be made here.

Chair Gunter agreed with three phases. He realized it could be less expensive if it was all done at one time.

Manager Smith stated these are all estimated costs based on our most recent contracts. We may get better prices in the future. The better route to go would be to put it out for bid and make a decision as to doing portions or all of it.

City Manager Szerlag questioned if this should be considered as a median landscaping design for the next five years. Should the intensity levels be calibrated every five years?

Consensus agreed.

Engineer Corbett continued with his presentation:

- Adopt-a-Median
- Adopt-a-Median (continued)
- Adopt-a-Median (continued)

Discussion held regarding:

- Approximate cost of MOTs (Maintenance of Traffic)
- Price depends upon the roadway type, speed limit, scope of work being conducted
- Devices are available in the City to set up a basic MOT.
- Basic median project – one day – estimated cost less than \$1,000
- Liability concerns
- Landscaping involvement
- Question on City to assume maintenance responsibilities in perpetuity
- When it goes to major landscaping, it is contracted out (mowing included).

Engineer Corbett stated this item will be taken to Legal with the recommended changes and work with them to make it happen. He summarized his presentation with the following slides:

- Bernice Braden Park – Cape Coral Parkway (East of Del Prado)
- Cape Coral Parkway – Roadside at Bridge Aerial Picture
- Cape Coral Parkway – Roadside Ownership at Bridge Aerial Picture of City Owned Property (Bernice Braden Park)
- Eastbound Cape Coral Parkway View Pictures
- Westbound Cape Coral Parkway View Pictures
- Bernice Braden Park – Cape Coral Parkway (East of Del Prado)
- Questions?

Director Clinghan stated the next step would be to get with Parks and Rec on more detail on where they put their fireworks display and look at where the sign is as far as sight distance and see how many trees we could plant. The cabbage and sabal palms that just went in was part of the Lamar sign project. Should those trees be removed?

Chair Gunter noted there were some power lines that would hinder any type of tree application. He noted there was no need for a high intensity project in the entire park. He envisioned a line of trees going down each side of the roadway just outside of the right-of-way to improve the appearance entering the City. He agreed with staff not to impede on future events. He added he would like to try to enhance all the entrances to the City. He stated this could be considered as two projects: 1) lining the roadway and 2) lining the water.

Director Clinghan stated if everyone agreed, he would get with Parks and Recreation and speak with them about the areas that should have no trees and look at sight distance to consider what could be planted and then come back to CTAC. Staff will also meet with the City Manager regarding funding.

City Manager Szerlag suggested this to be an ongoing infrastructure project so that it could be budgeted as part of a five-year plan.

Discussion held regarding the map, the shaded area, Bernice Braden Park, is City-owned and maintained by Parks and Rec; the road and right-of-way belongs to Lee County.

Commission Member Coviello questioned some work he saw the other day being done on the median.

Engineer Corbett stated those were related to hurricane replacements.

City Manager Szerlag questioned if there was a difference in maintenance, plantings, and landscaping standards between a City road and a County road.

Planning and Permitting Manager Zambrano explained that the County does their maintenance based on their criteria County-wide; the City does our own.

City Manager Szerlag questioned if the City has higher standards than the County.

Engineer Corbett stated the County's minimum level of service is quite low.

Manager Zambrano added that the County has very high and lush plantings on particular roadways based on their funding.

Commission Member Coviello noted that Aubuchon is selling their building on the canal. He added that they were looking to draw in a restaurant or some type of boutique hotel. He questioned if it was feasible to consider some type of dockage on the waterfront or potentially a P3 along those lines with that property as well. See if there is any interest in providing some additional ways to draw people into our downtown area.

Director Clinghan stated they will look into that and see what kind of docking could be done on both sides.

City Manager Szerlag stated in terms of pilings for the docks, the bottom is owned by the City. Halfway to the bridge on the river bed is Cape Coral property.

Chair Gunter mentioned relating to dockage he spoke with the Yacht Club staff regarding the wideness of canal and length of dockage to add additional boats.

Director Clinghan stated they will look into whether there is a captain's walk or finger piers. The goal would be to maximize the number of potential boaters coming in.

MPO Issues

Persides Zambrano, PW Planning and Permitting Manager

Manager Zambrano distributed the agenda for the MPO meeting scheduled for 9:00 a.m. on Friday, January 18, 2019, at the Lee County Administration East Building, 2201 Second Street, Room 118, Fort Myers. She reviewed the agenda items to be discussed and suggested action/comments. She highlighted the following items on the agenda: 1) Approval of Safe Routes to School Priorities, and 2) Agenda Items for Proposed Joint Lee-Charlotte-Punta Gorda MPO Meeting.

Manager Zambrano discussed:

- Update on sidewalk grants, modest success in the area, becoming more competitive
- Highway projects are costing more money; pedestrians and bicyclists are lower priority
- Line item in budget for sidewalks to supplement the UEP
- Sun Trail will be built by outside builders; cannot be done in-house.

Manager Zambrano discussed the agenda item for the proposed Joint Lee-Charlotte-Punta Gorda MPO meeting. She noted that the SR 31 corridor and Babcock Ranch may affect the timing of the I-75 @Del Prado interchange. She mentioned that Babcock and the City of Cape Coral may join their efforts on this issue.

Chair Gunter questioned the approximate timeline for completion of the Burnt Store Road project.

Manager Zambrano stated that time is undetermined. She explained the funds coming in through the MPO from Federal and State money. She noted it could take ten years.

Commission Member Coviello questioned how to get a big sign that says, "Welcome to Cape Coral."

Director Clinghan stated we were working on all signs entering the City and Burnt Store Road is one of them.

Speed Limit on Residential Roadways
William Corbett, Traffic Engineer

City Manager Szerlag discussed a meeting he had with Director Clinghan and Engineer Corbett about two months ago regarding speed limits on local streets. All local streets with the exception of 17th Place are 30 mph. The speed limit on 17th Place is 25 mph. He questioned CTAC if they were okay with requests from residents concerning a speed limit reduction that the request cannot resolve in the speed limit becoming higher.

Engineer Corbett stated it would apply to roads that have a functional classification of local roads which are predominantly residential throughout the City. They are all set at 30 mph except SE 17th Place. Statutes and Code provide for a posted speed limit of 30 mph.

Commission Member Carioscia noted how he and former Councilmember Burch tried to reduce all residential speed limit from 30 mph to 25 mph. A professional was brought in to speak. Our department did a study; Public Works came in with a price on changing all the signs. Council voted on lowering the speed limit on residential streets to 25 mph, and it failed.

Discussion held regarding:

- Lowering speed limit in residential areas from 30 mph to 25 mph
- Looking at each street on an individual basis
- Liabilities that speed limit is not consistent throughout the residential areas
- Request on 8th Place did not support lowering the speed limit
- SE 17th Place speed limit was lowered by Council action; no study, only a vote; however, the prevailing speed fell within the criteria that the manual allows to post it at 25 mph based on the data collected.
- Radar sign, striping, additional enforcement, through these exercises, the speed limit was reduced; 85th percentile speed on SE 17th Place at approximately 27 mph

Chair Gunter mentioned that we need to look into reducing speed in areas where parks are located and being enhanced.

Commission Member Carioscia noted with the lack of sidewalks throughout the City, people are walking in the street with cars travelling at 30 mph plus.

Chair Gunter stated with the enhancement of the parks through the \$60 million GO Bond, there is an obligation to take a look at that.

Director Clinghan responded in the affirmative.

OLD BUSINESS

Chair Gunter discussed lighting on Cape Coral Parkway; all lights that were out were addressed. Previous meetings had discussion on maintenance. He stated he did not receive feedback. He recommended that at any point that we decide to repaint those light poles, whether now or in the future, we may want to consider trying to incorporate the same look as the new street lights installed on 47th. They are different lights and don't need to be replaced, but maybe color-wise if we ever get to that point and they need to be repainted, that may be a topic for discussion. He left the question of how to pay for it in the hands of the City Manager and the CRA Executive Director.

Commission Member Carioscia questioned if the medians on Cape Coral Parkway were completed as far as lighting, trees, and landscaping.

Director Clinghan stated the landscaping was done. There was one tree recently planted that died. Phase 1 is over. We are working with the CRA. At the last CRA meeting, they requested if we could potentially start to supplement that a little more. Staff is looking at that. We have lit up all the trees that have electrical. Now we're looking at possibly doing some of the smaller palm trees uplighting but with 12 volts, 120 volts is not available. We are working with the CRA who has requested numbers.

Commission Member Carioscia questioned what ground cover will be used.

Manager Smith stated they were finished with the landscaping on Cape Coral Parkway.

Commission Member Carioscia inquired what was Phase 2.

Director Clinghan stated Phase 2 was more lighting.

Commission Member Carioscia questioned the timeline for completion.

Director Clinghan stated the landscaping was done; the lighting that we had in the budget was finished. It was just a matter of the CRA approving more lighting. They have also requested lighting cost for 47th.

Chair Gunter mentioned the bid requests for some advancement on Coronado Parkway. He questioned when it would move forward as far as releasing the bid.

Engineer Corbett stated after the last meeting, staff received feedback from the Stakeholder Group. Staff is looking at every tree individually to see if there is an opportunity to change it out for a different species. Once that it complete, the addendum will go out with the bid package and hope to have it done by the end of next week.

Chair Gunter reminded staff about an update on maintenance of the street lights at some point.

Director Clinghan responded in the affirmative.

City Manager Szerlag questioned the timeline.

Director Clinghan mentioned that Mark was researching the costs, whether to paint or replace them; that information will be provided at the next meeting.

MEMBER COMMENTS

None

Time and Place of Next Meeting

The next regular meeting was scheduled for Wednesday, February 20, 2019, at 9:00 a.m. in Conference Room 220A.

Motion to Adjourn

There being no further business, the meeting was adjourned at 10:37 a.m.

Submitted by,

Betty Castillo
Recording Secretary

Transcribed by B. Kerr 1/28/19

Item Number:	5.A.
Meeting Date:	3/20/2019
Item Type:	BUSINESS

AGENDA REQUEST FORM
CITY OF CAPE CORAL



TITLE:

S.E. 47th Terrace Streetscape Project Update - John Szerlag, City Manager and Paul Clinghan, PW Director

SUMMARY:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Description	Type
▣ S.E. 47th Terrace Streetscape Project Update	Backup Material

City Transportation Advisory Commission Meeting



March 20, 2019

S.E. 47th Terrace Streetscape

- Project on time and under budget.
- Majority of savings in Utilities and Paving budgets.
- \$805,000 in additional items proposed.
- CRA approved two kiosks, cameras, fiber optics cable, Wi-Fi, bollards, and Big John's lighting totaling \$418,219.
- City Council will be asked to approve the License Plate Readers at \$101,445.
- CRA also approved \$112,500 to install lights on the palm trees and shade trees.



QUESTIONS?

Cape Coral Parkway

Street Lights and Median Lights

- Option #1 - Streetlights to remain - Paint, replace globes, and replace with LED lights estimated at \$179,800.
- Option #2 – Replace streetlights with similar quality estimated at \$424,560.
- Option #3 – Replace streetlights to match S.E. 47th Terrace estimated at \$762,700.
- All streetlight options do not include cameras or Wi-Fi.
- CRA approved \$20,000 to install 12 volt up lights on the remaining small palms in the narrow medians.



QUESTIONS?

Cape Coral Parkway

Traffic Issues

- Public Works identified congestion issues during AM/PM peak hours on Cape Coral Parkway.
- During peak hours, there is a high volume of traffic entering and exiting the City.
- The eastbound congestion is exacerbated by the bottleneck at the Cape Coral Bridge.
- There is on-street parking on the north and south side of Cape Coral Parkway, which may impede traffic flow, specifically westbound.
- Spillover from the left turn lane into the through lane at Del Prado Blvd. may impede eastbound traffic flow.

Cape Coral Parkway Traffic Solutions

- There are 5 on-street parking spaces eastbound and 56 on-street parking spaces westbound. Removal of on-street parking to assist with westbound traffic flow is being analyzed.



DRAFT 2/12/2019

Cape Coral Parkway Traffic Solutions

- The existing left turn lane at Del Prado can accommodate approximately 9 vehicles. The spillover from the left turn lane overflows to the through lane and impedes traffic flow increasing congestion. Extending the left turn lane to assist with eastbound traffic flow is being analyzed.



Cape Coral Parkway Traffic Solutions

- Staff is currently reviewing whether to hire a consultant or purchase an in-house traffic program to analyze the possible solutions and determine the impacts to the corridor.
- Staff is currently collecting traffic volume and turning movement data for analysis.
- It is anticipated this analysis will be completed in approximately 60 days.



QUESTIONS?

“Adopt-a-Median” Ordinance Revisions

- Staff is currently working with CPH to finalize sample plans for median landscape design.
- Upon CTAC review and comment on draft plans, Public Works will submit the revised ordinance language as presented and endorsed by the CTAC in January, to the City Attorney’s Office for review and placement on a future City Council agenda.
- CTAC recommendation is for the City to fund ongoing maintenance after citizens furnish and install landscaping.
- During Council review of the ordinance, a draft recognition sign example will be provided for blanket approval for all median landscaping donations.



QUESTIONS?



Median Improvements

Tree Replacement

Hurricane Irma loss

A total of 588 trees lost in medians due to wind damage from the hurricane.

- Trees in Contractor maintained medians: 322
- Trees in City maintained medians: 266

As of March 2019, replaced 119 trees.

- Beach Parkway: Replaced 26 palms at a cost of \$25,368 (charged to Median Maintenance fund)
- Cape Coral Pkwy E: -Replaced/added 93 palms at a cost of \$49,190 (charged to Median Maintenance fund)

Tree Replacement

Hurricane Irma loss

Remaining 469 trees to be replaced:

- Del Prado Extension Tree Replacements (parallel right of ways only)- 130 trees.
 - Council approved contract for \$132,000 with \$10,000 contingency. Funding from Median Landscaping Capital Improvement Fund.
- Hurricane Irma Tree replacement Phase I includes 114 trees. In process to obtain bids.
 - Estimated costs \$115,000 and \$10,000 contingency. Funding from Median Landscaping Capital Improvement Fund.

Tree Replacement

Hurricane Irma loss

- Hurricane Irma Tree replacement Phase II:
 - 225 trees (Contractor maintained medians 73 and City maintained medians 152)
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Example I: Rendering



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CAPE CORAL PARKWAY – ROADSIDE OWNERSHIP
AT BRIDGE

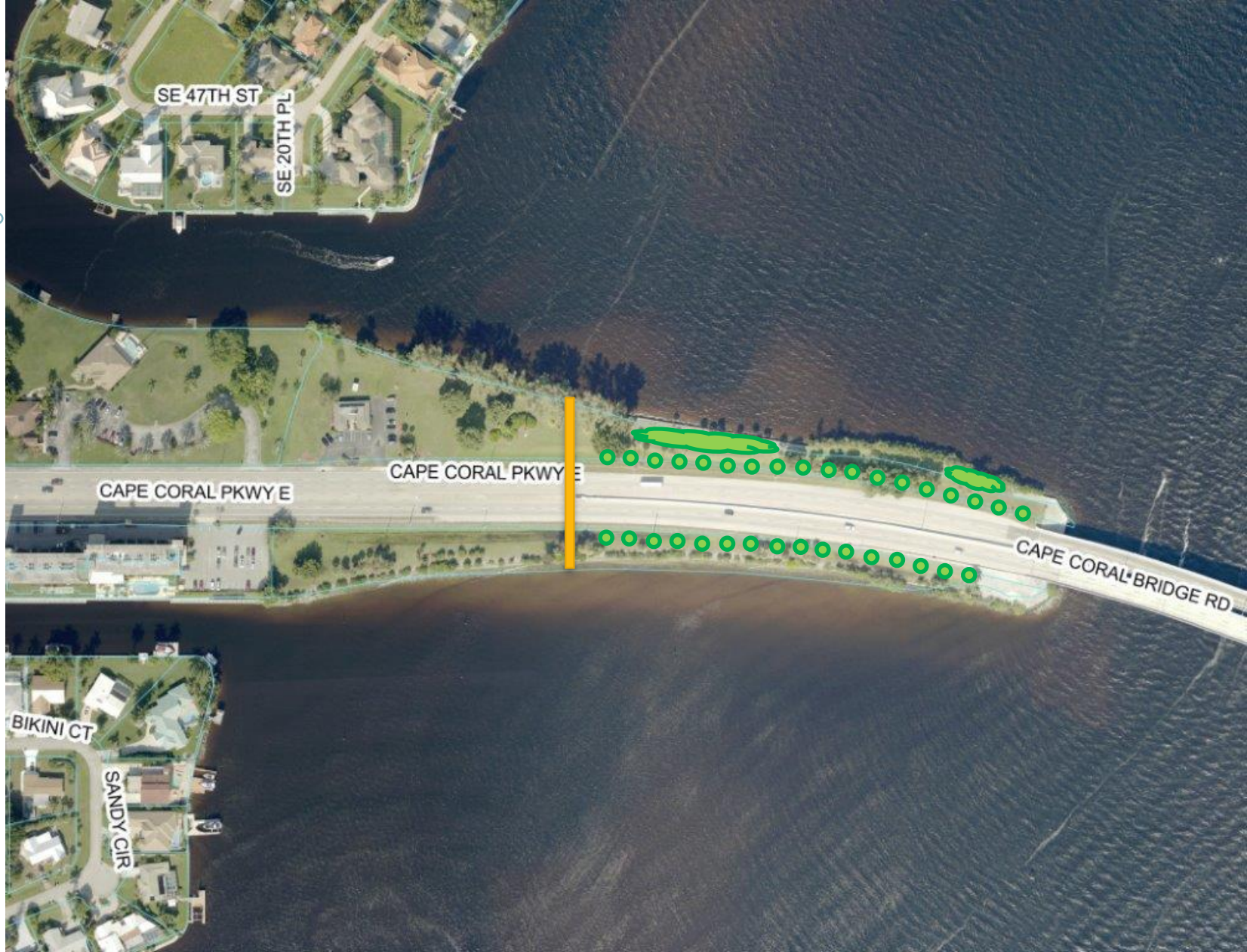


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CAPE CORAL PARKWAY – SPECIAL EVENT PLAN



CAPE CORAL PARKWAY – ROADSIDE AT BRIDGE



QUESTIONS?

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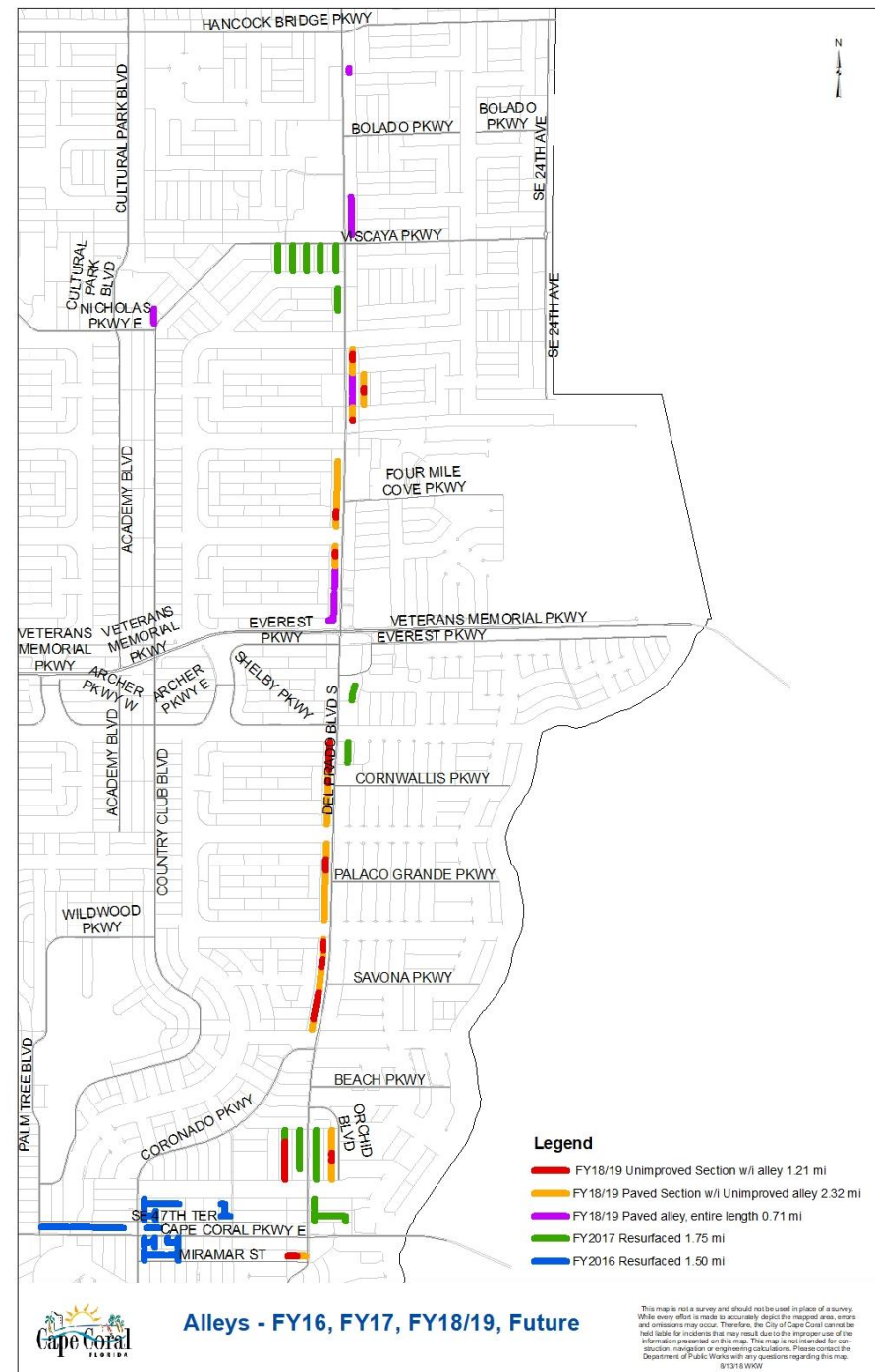
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Alley paving: completed and future





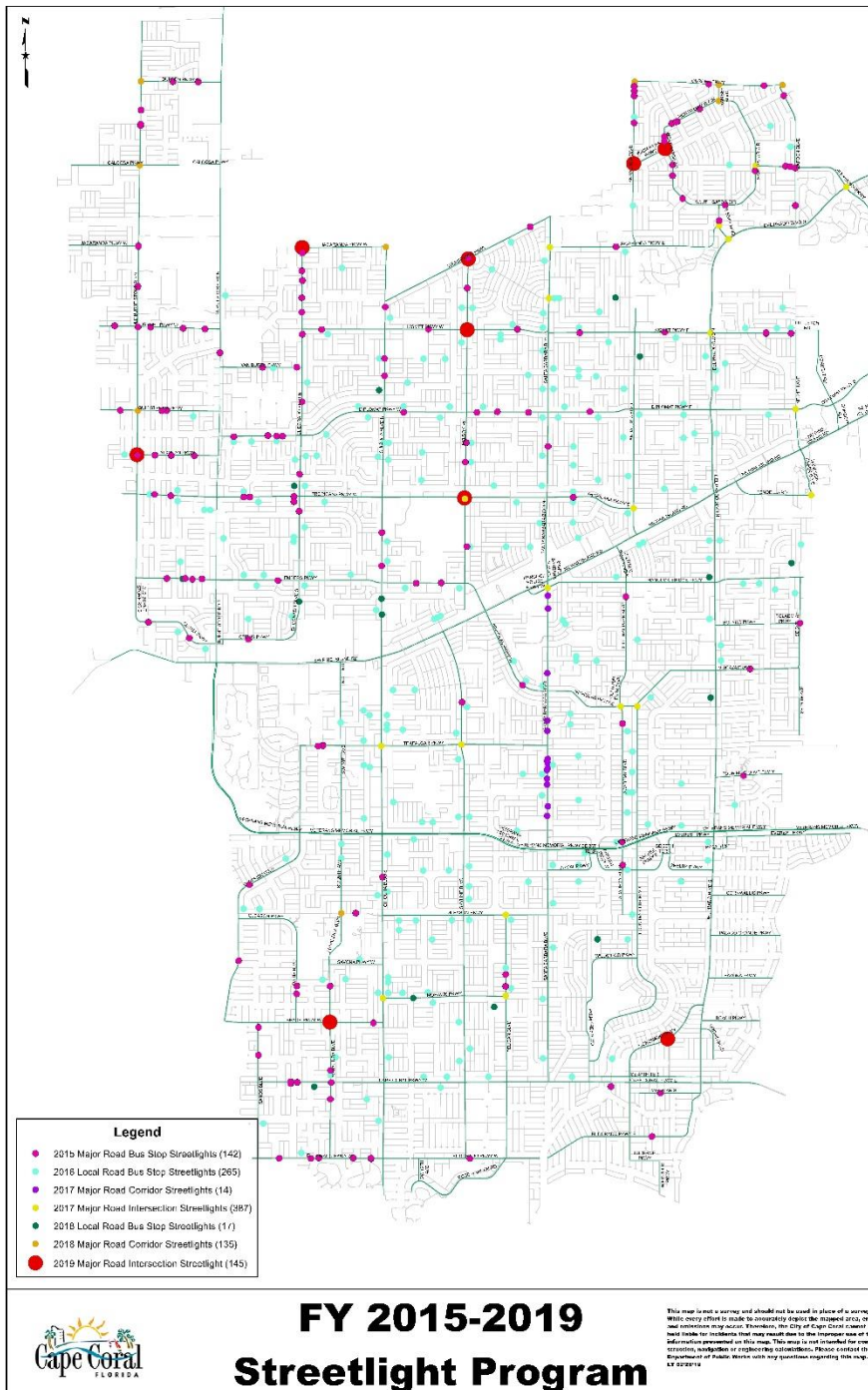
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QUESTIONS?

Item Number:	5.B.
Meeting Date:	3/20/2019
Item Type:	BUSINESS

AGENDA REQUEST FORM
CITY OF CAPE CORAL



TITLE:

City-Owned Street Lights on Cape Coral Parkway - Mark Ridenour, PW Facility Projects Manager

SUMMARY:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Description	Type
▢ City-Owned Street Lights on Cape Coral Parkway	Backup Material

City Transportation Advisory Commission Meeting



March 20, 2019

S.E. 47th Terrace Streetscape

- Project on time and under budget.
- Majority of savings in Utilities and Paving budgets.
- \$805,000 in additional items proposed.
- CRA approved two kiosks, cameras, fiber optics cable, Wi-Fi, bollards, and Big John's lighting totaling \$418,219.
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Cape Coral Parkway

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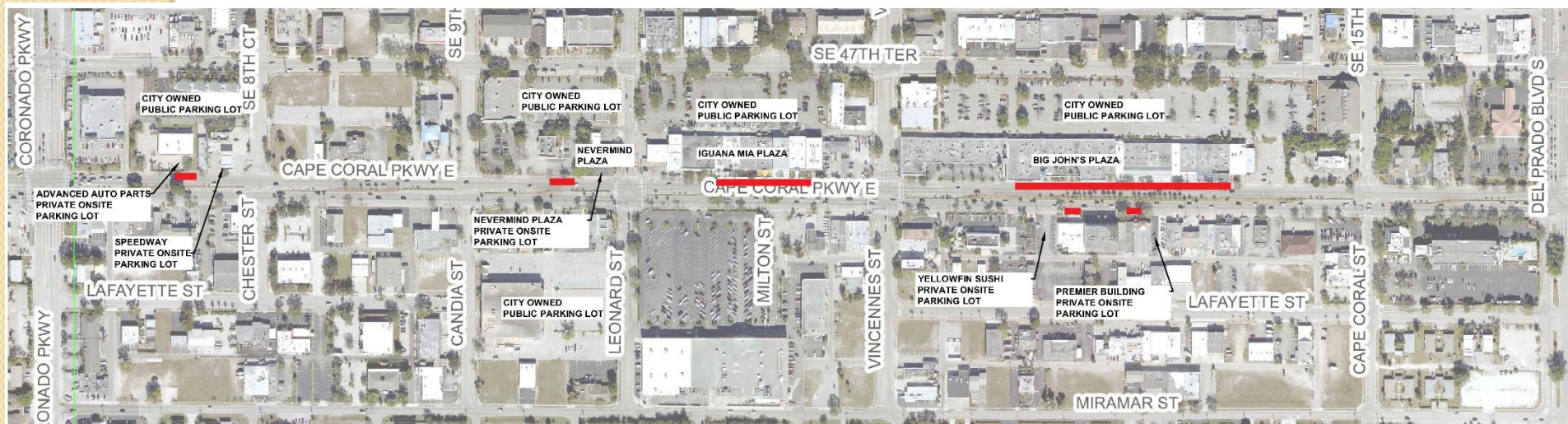
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DRAFT 2/12/2019

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QUESTIONS?



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Hurricane Irma loss

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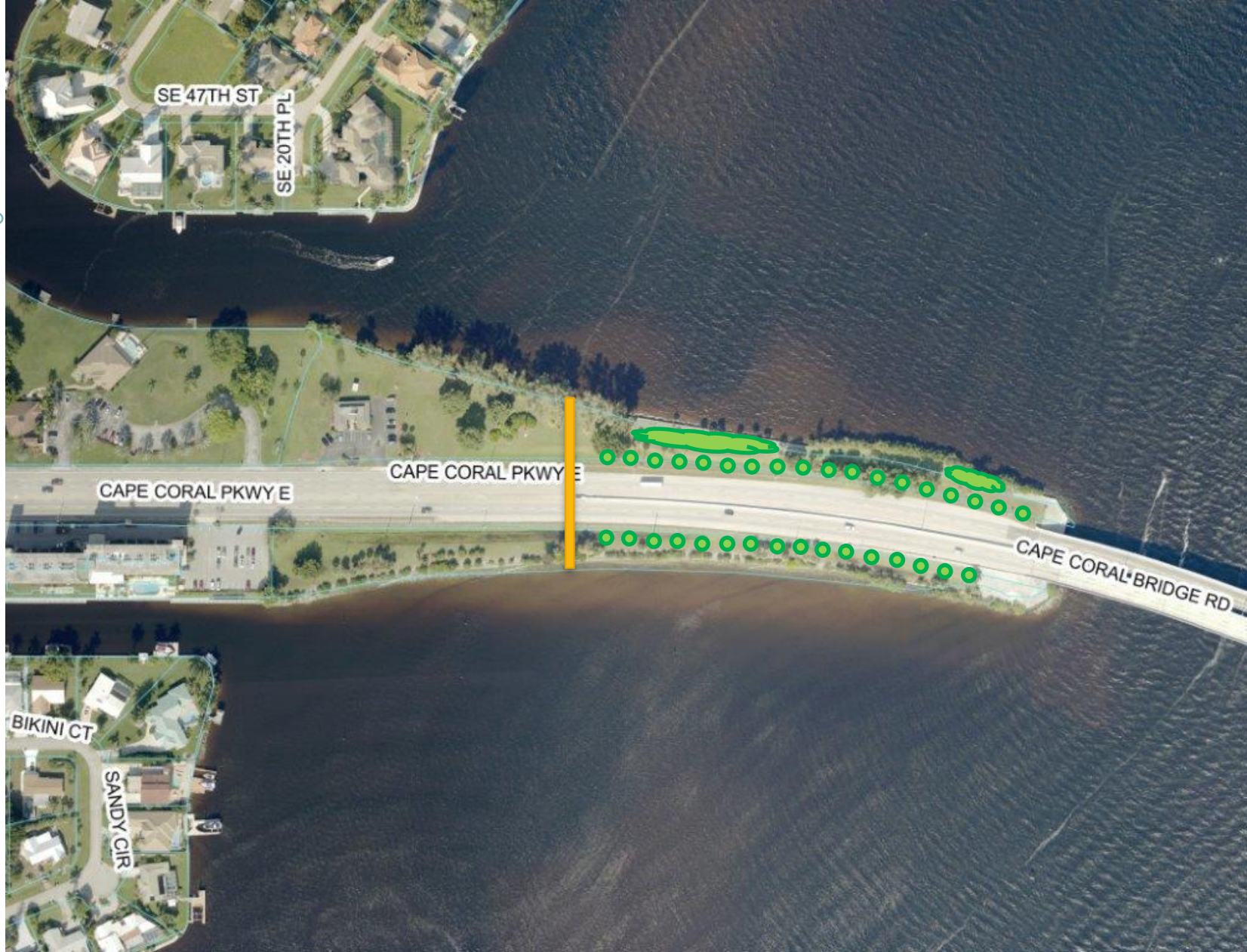


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CAPE CORAL PARKWAY – SPECIAL EVENT PLAN



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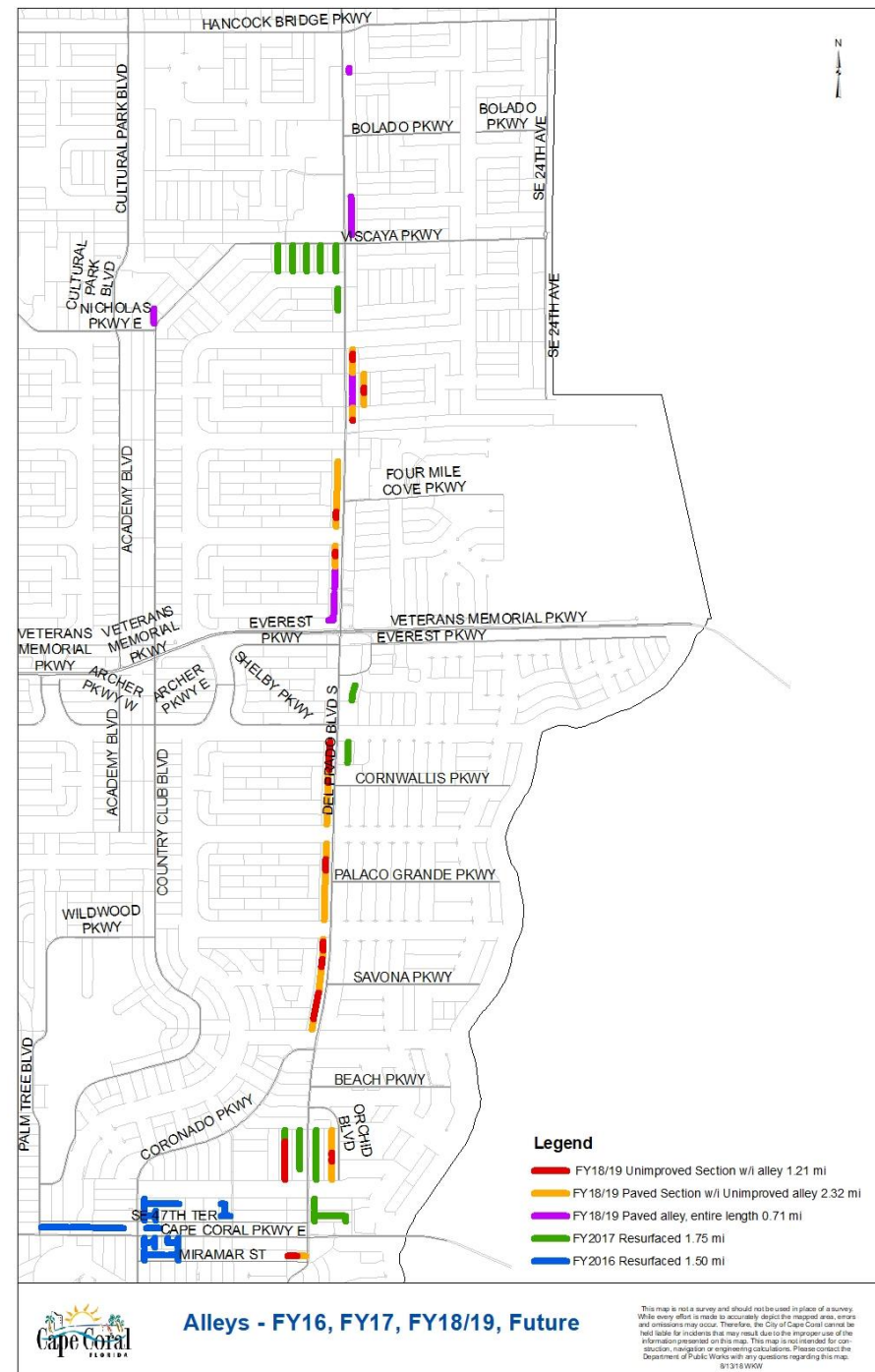
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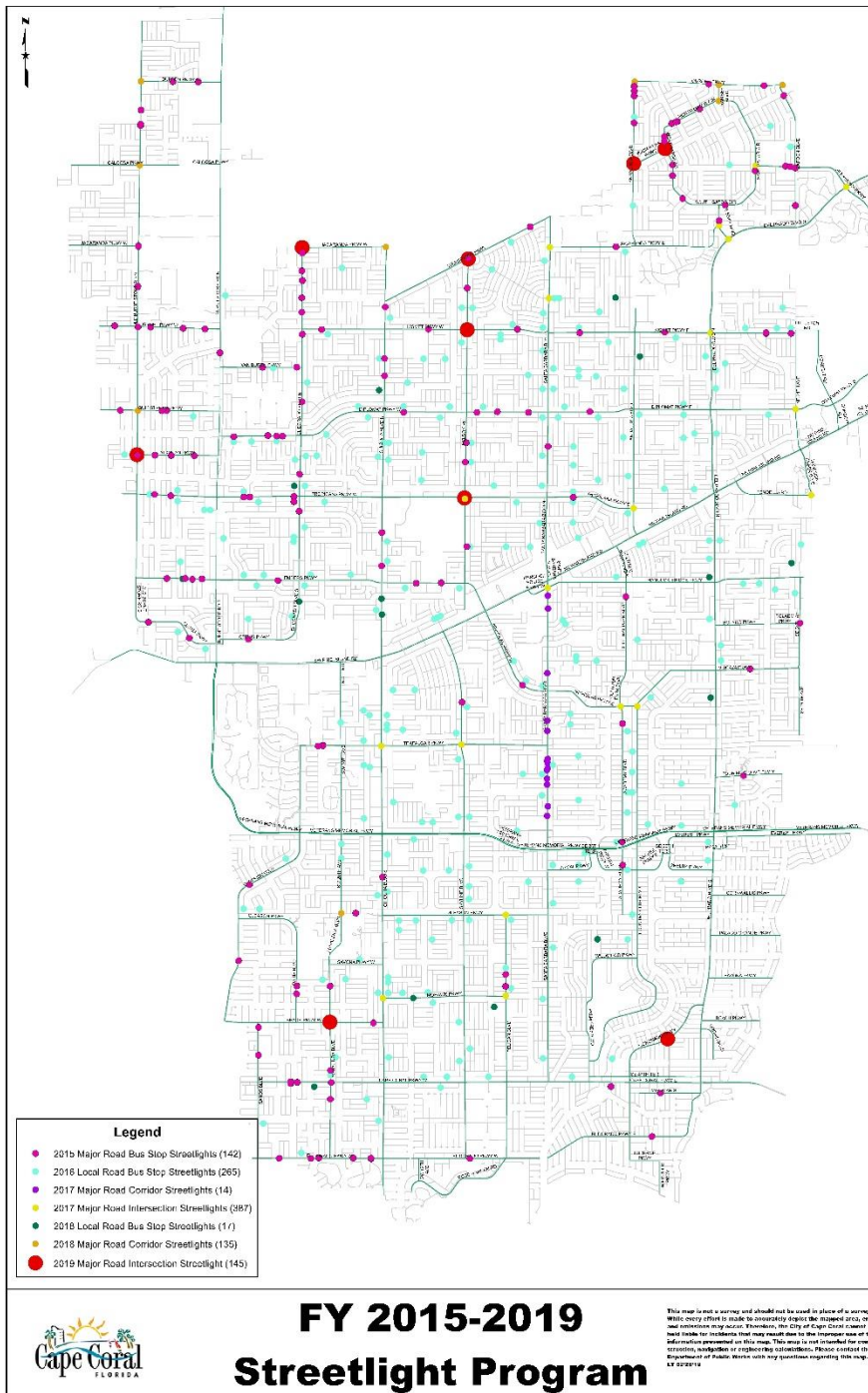
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QUESTIONS?

Item Number:	5.C.
Meeting Date:	3/20/2019
Item Type:	BUSINESS

AGENDA REQUEST FORM
CITY OF CAPE CORAL



TITLE:

Cape Coral Parkway Traffic - William Corbett, Traffic Engineer

SUMMARY:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Description	Type
▣ Cape Coral Parkway Traffic	Backup Material
▣ Cape Coral Parkway Aerial 1	Backup Material
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City Transportation Advisory Commission Meeting



March 20, 2019

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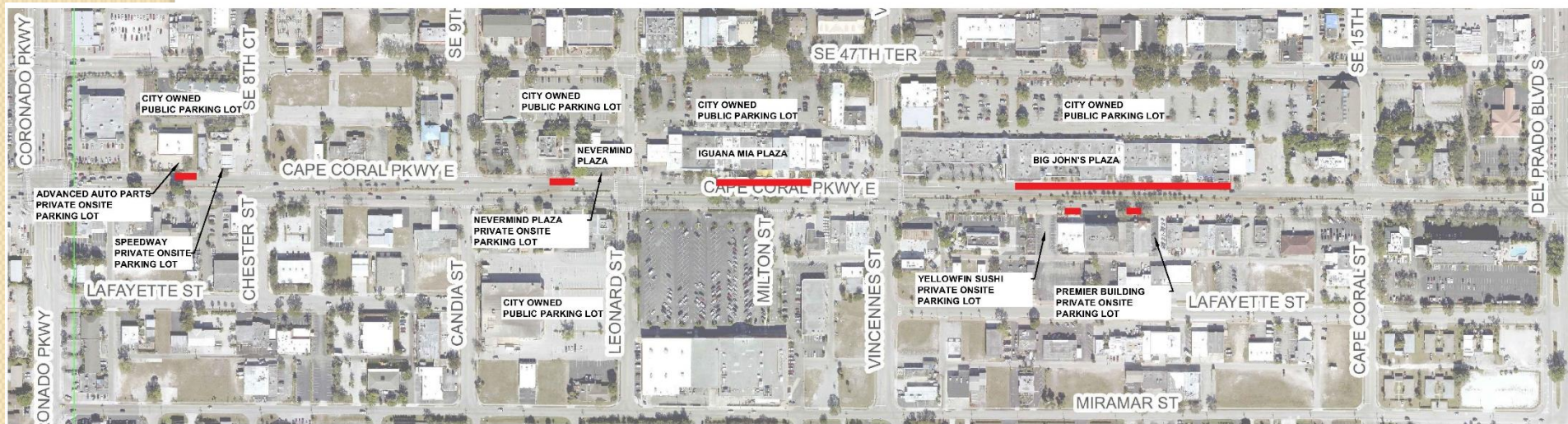
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DRAFT 2/12/2019

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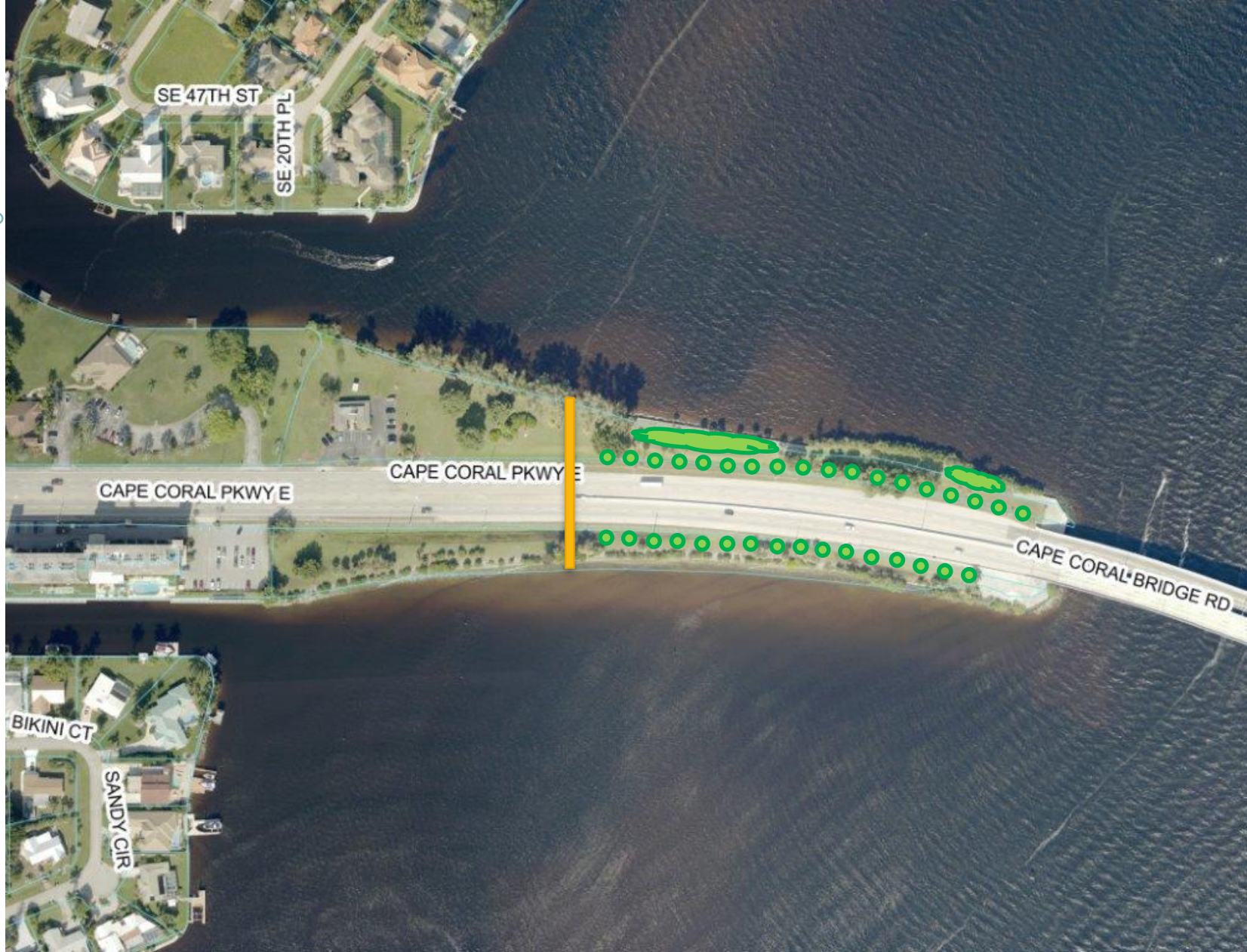


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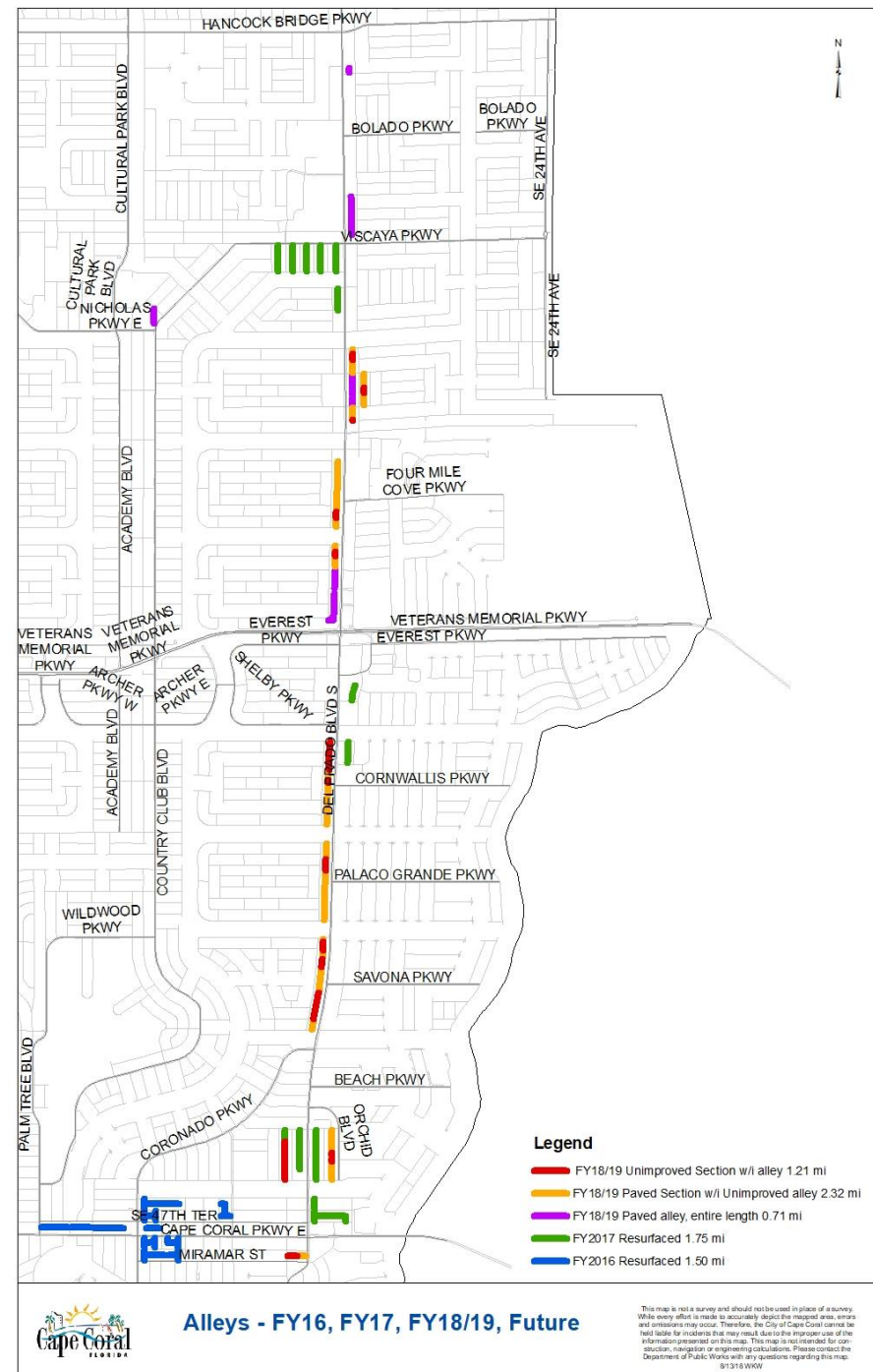
Alley Paving Program Update

- Procurement to issue a request for proposals (RFP) from engineering companies for the design work. Anticipated issuance in May with SAC meeting in June.
- Upon completion of the design and more accurate cost estimate, staff will request direction from City Council regarding funding. Options are the City fund the paving and drainage work or create a Special Assessment program.

Alley Paving Program Capital Fund

- Current FY 2019 Balance: \$1,406,000
 - Requested \$520,000/yr for FY 2020-2024.
- Estimated costs:
 - \$150,000 for FY 2019 resurfacing.
 - \$300,000 for design services.
 - \$2.55 Million for construction.
- Expect sufficient funding by 2022 to complete the alley construction if Council continues to provide funding.

Alley paving: completed and future





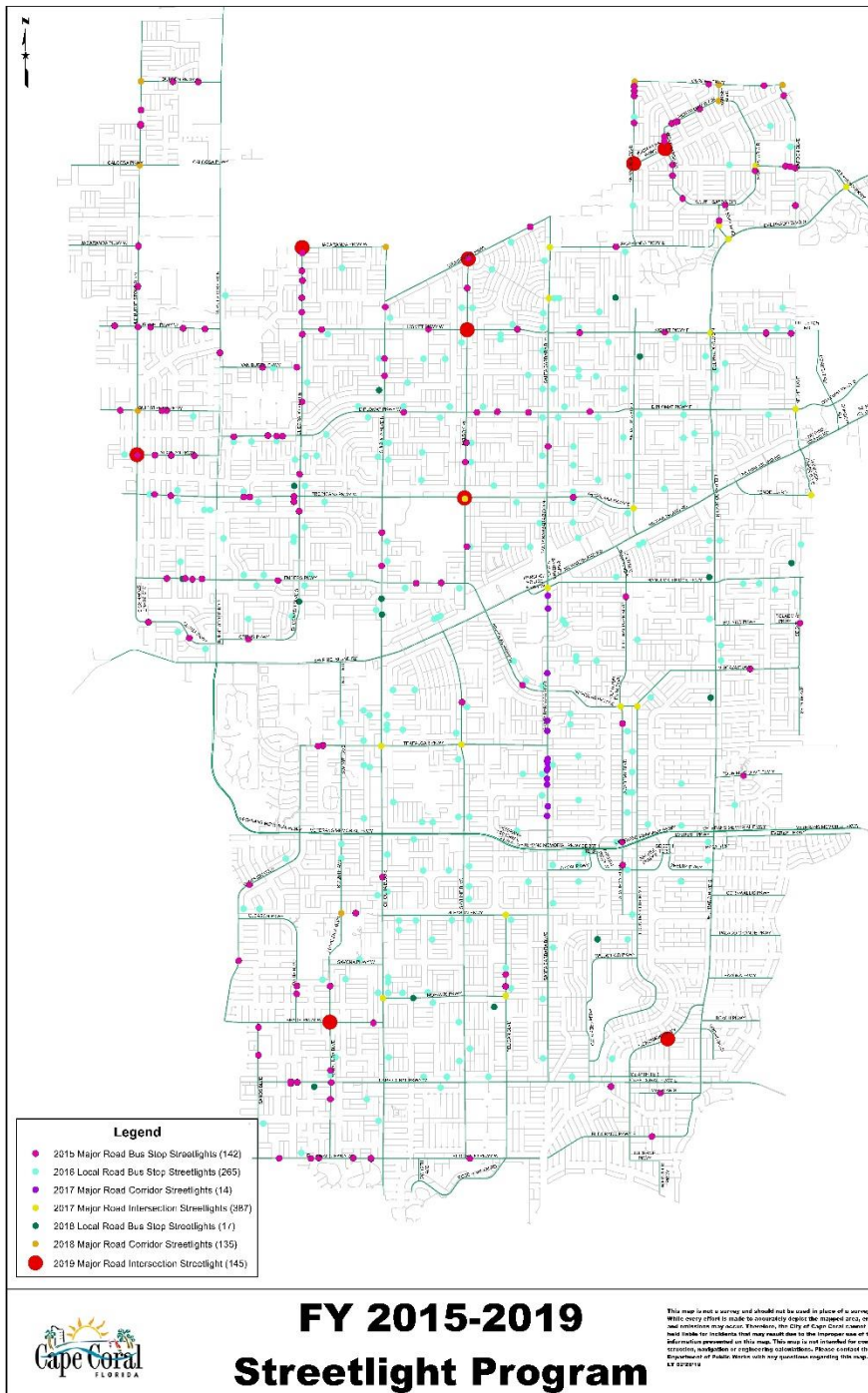
QUESTIONS?

Streetlight Program

- Since FY 2015, \$100,000 is budgeted annually from the General Fund for the Street Light Program. The program is managed by PW and street lights are installed according to the priorities previously set by City Council. These high priority locations include:
 - **Priority I:** Semi-permanent School Bus Stops with stops before or after daylight hours (Completed in FY 2016, with only a few added annually)
 - On divided roadways with higher speeds
 - On local roads
 - Semi-permanent bus stops are those which are used year after year. This list is provided annually by the Lee County School District and City of Cape Coral Charter Schools.

Streetlight Program

- **Priority 2** : Major Road Intersections (Started in FY 2017)
 - Intersections are prioritized based on traffic volumes, night time crashes and existing lighting.
- **Priority 3** : Major Road Segments (Expected start FY 2020)
- Currently, PWV is still working on Priority 2, Major Road Intersections. Staff has requested quotes from LCEC for multiple major road intersections this year and once received, will evaluate the quotes to install as many lights as possible utilizing the available budget.





QUESTIONS?

Cape Coral Pkwy

Write a description for your map.

Legend

Coronado Pkwy

Traffic Signal

Traffic Signal

Del Prado Blv

Google Earth

© 2018 Google

1000 ft



Cape Coral Pkwy & Del Prado Blv.

Write a description for your map.

Legend



Google Earth

© 2018 Google

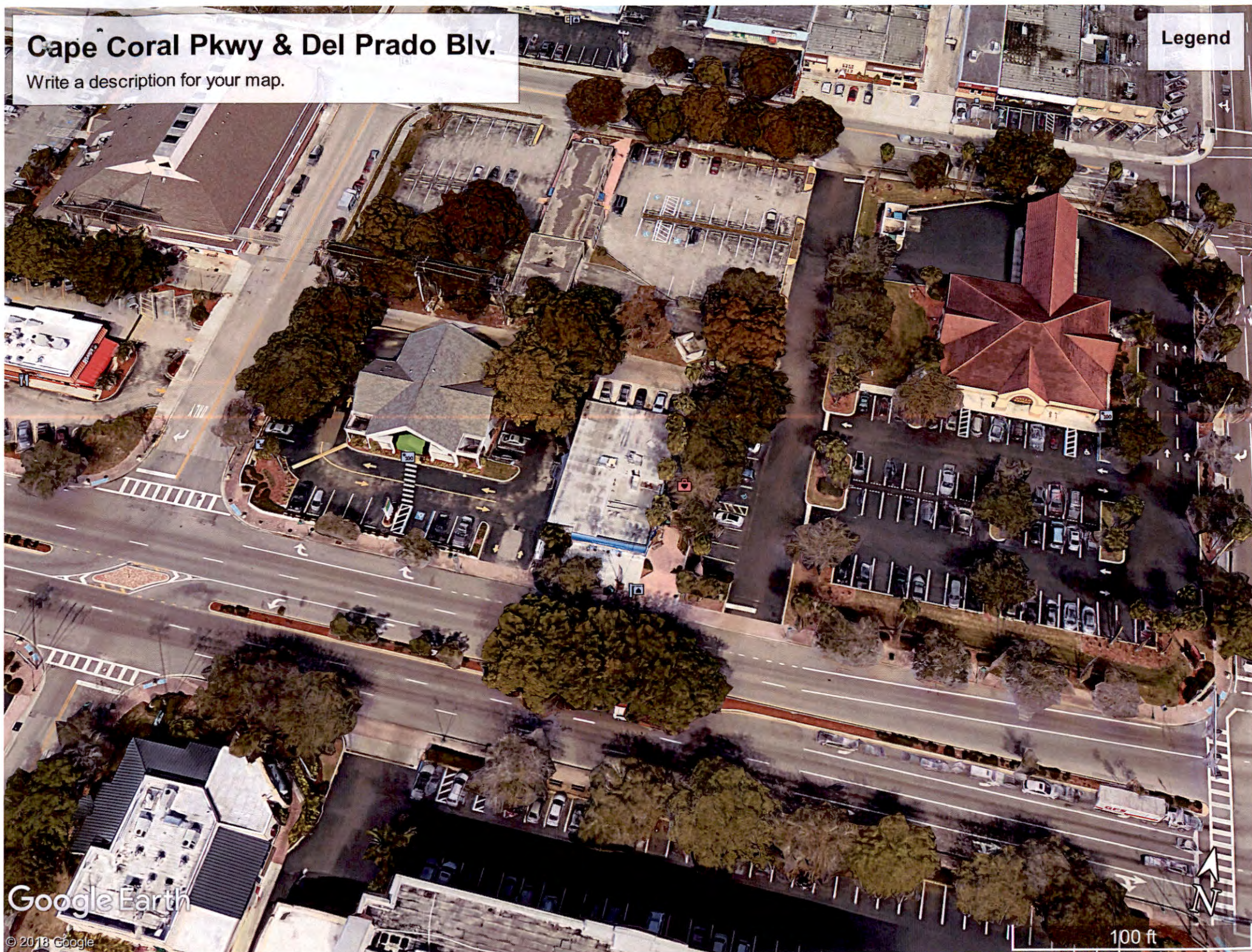
200 ft



Cape Coral Pkwy & Del Prado Blv.

Write a description for your map.

Legend



Google Earth

© 2018 Google

100 ft

Item Number:	5.D.
Meeting Date:	3/20/2019
Item Type:	BUSINESS

AGENDA REQUEST FORM
CITY OF CAPE CORAL



TITLE:

Median Landscape Design Sample Plans- Max Spann, Landscape Architect, CPH

SUMMARY:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Description	Type
▢ Median Landscape Design Sample Plans	Backup Material

Cape Coral

Median Landscape Templates



Table 212.11.3 Minimum Tree Spacing

Design Speed (mph)	Minimum Tree Spacing (Center-to-Center of Trunk) (feet)	
	4" < Tree Diameter ≤ 11"	11" < Tree Diameter ≤ 18"
25-30	25	90
35	30	105
40	35	120
45	40	135
50	50	150
55	55	165
60	60	180

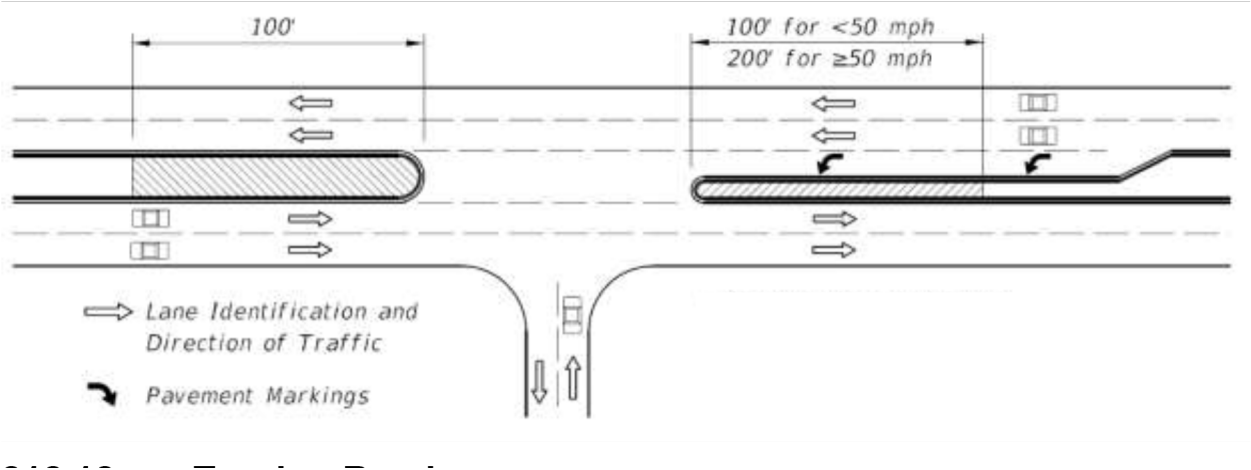
Notes:

- (1) Size and spacing are based on the following conditions:
- (a) A single line of trees in the median parallel to but not necessarily collinear with the centerline.

(b) A straight approaching mainline and intersection angle between 60° and 120°.

(c) Space trees with 4" < Dia. ≤ 11" intermixed with trees with 11" < Dia. ≤ 18" based on trees with 11" < Dia. ≤ 18".
- (2) Detail tree size, spacing, and location in the plans for any other conditions.

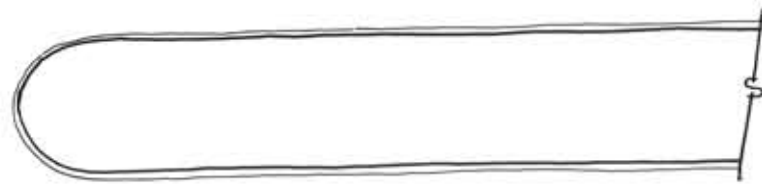
Figure 212.11.5 Special Areas Limited to Ground Cover



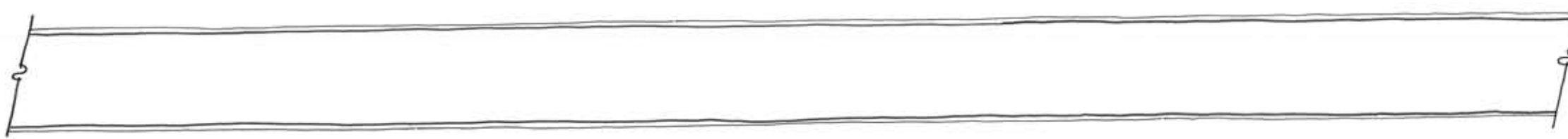
GROUND COVER						
COMMON NAME	OTHER NAMES	BOTANICAL NAME	MEDIAN THEME APPLICATION			
			Mix	Shade	Tropical	Xerisape
Beach Sunflower		Helianthus debilis				
Blanket Flower		Gaillardia pulchella				
Blue Daze		Evolvulus glomeratus				
Crown of Thorns	Christ Thorns, Christ Plant	Euphorbia milii				
Golden Creeper		Ernodea littoralis				
Liriope	Border Grass, Lily-Turf	Liriope muscari (Decne.) L.H. Bailey				
Parson Juniper	Dahurian Juniper	Juniperus davurica 'Parsonii'				
Perennial Peanut		Arachis glabrata				
Railroad Vine		Ipomoea pes-caprae				
Society Garlic	Pink Agapanthus	Tulbaghia violacea (Tulbaghia L.- at least 20 varieties of this species)				
Sod-Bahia		Bahia spp.				
Sod-St. Augustine						



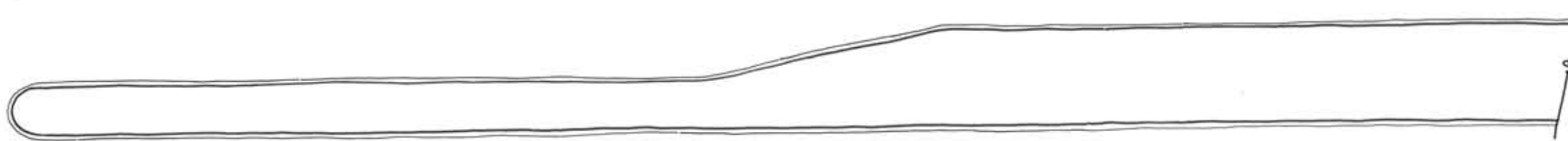
COST TRANSLATION



100' LF EXAMPLE
2000 SF (TYP)



660' LF EXAMPLE
11,440 SF (TYP)



330' LF EXAMPLE
4,840 SF (TYP)

TYPICAL COSTS:

HIGH INTENSITY = 80% COVERAGE

MEDIUM INTENSITY = 60% COVERAGE

LOW INTENSITY = 40% COVERAGE

Cost Translation

Cape Coral

Median Landscape Templates



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PLANTS

A. Trees



B. Palms



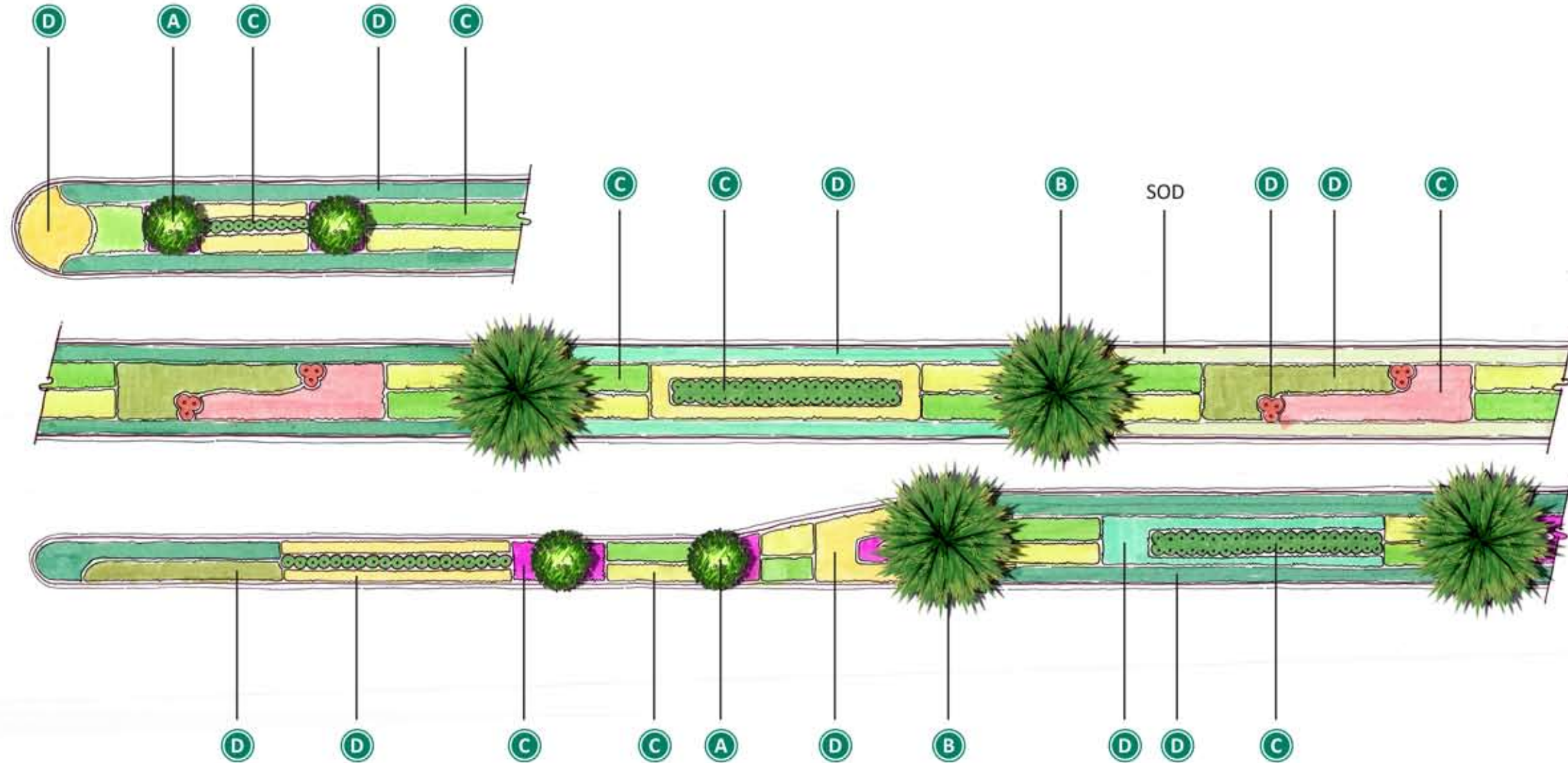
C. Shrubs



D. Accent / Ground Cover



PROPOSEED LANDSCAPE PLAN



Tropical

High Intensity (Example)

Cape Coral

Median Landscape Templates



03.20.19 / Z6582-2019

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PLANTS

A. Trees



B. Palms



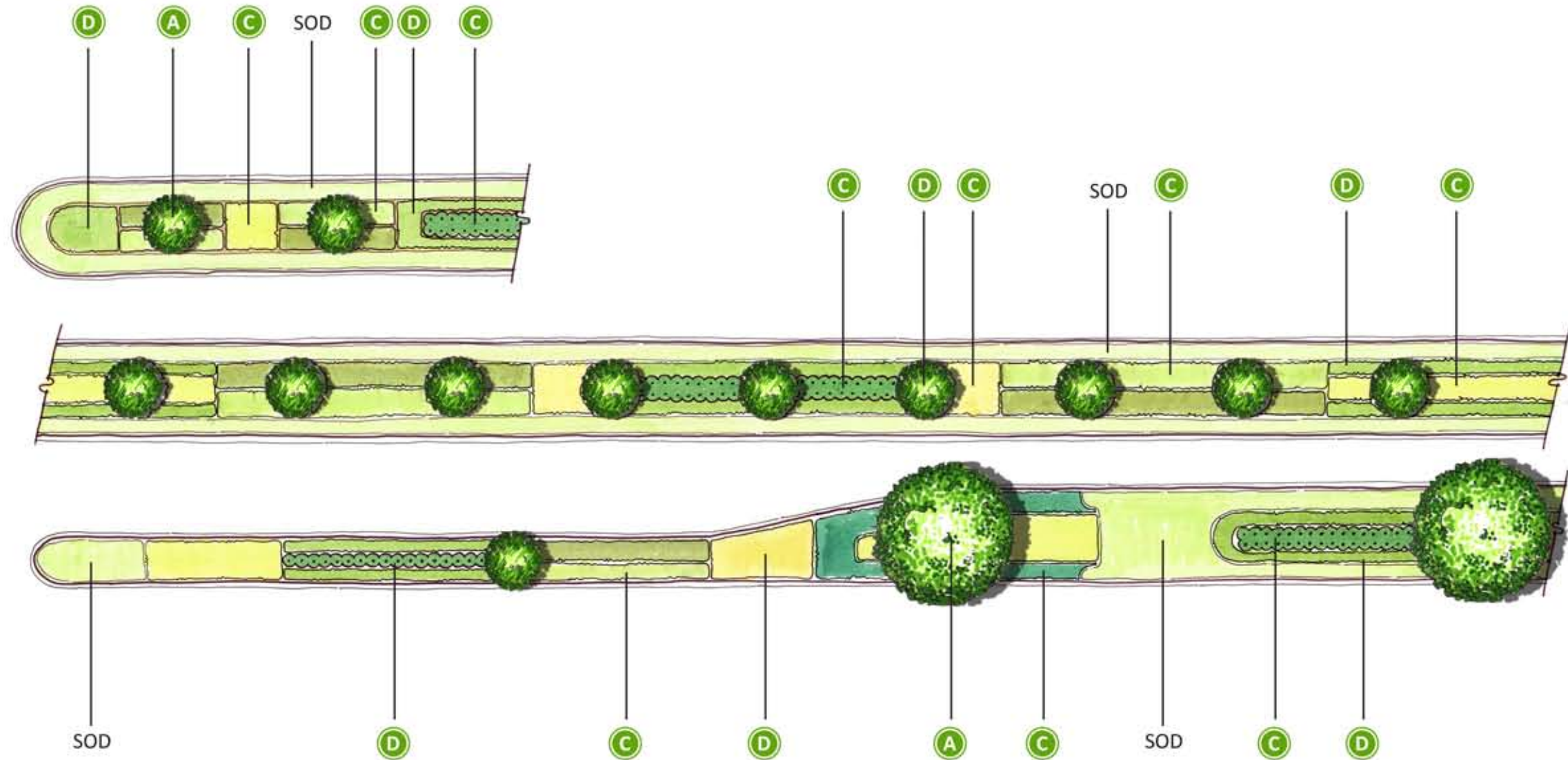
C. Shrubs



D. Accent / Ground Cover



PROPOSED LANDSCAPE PLAN



Tropical / Shade

Medium Intensity (Example)

Cape Coral

Median Landscape Templates



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PLANTS

A. Trees



B. Palms



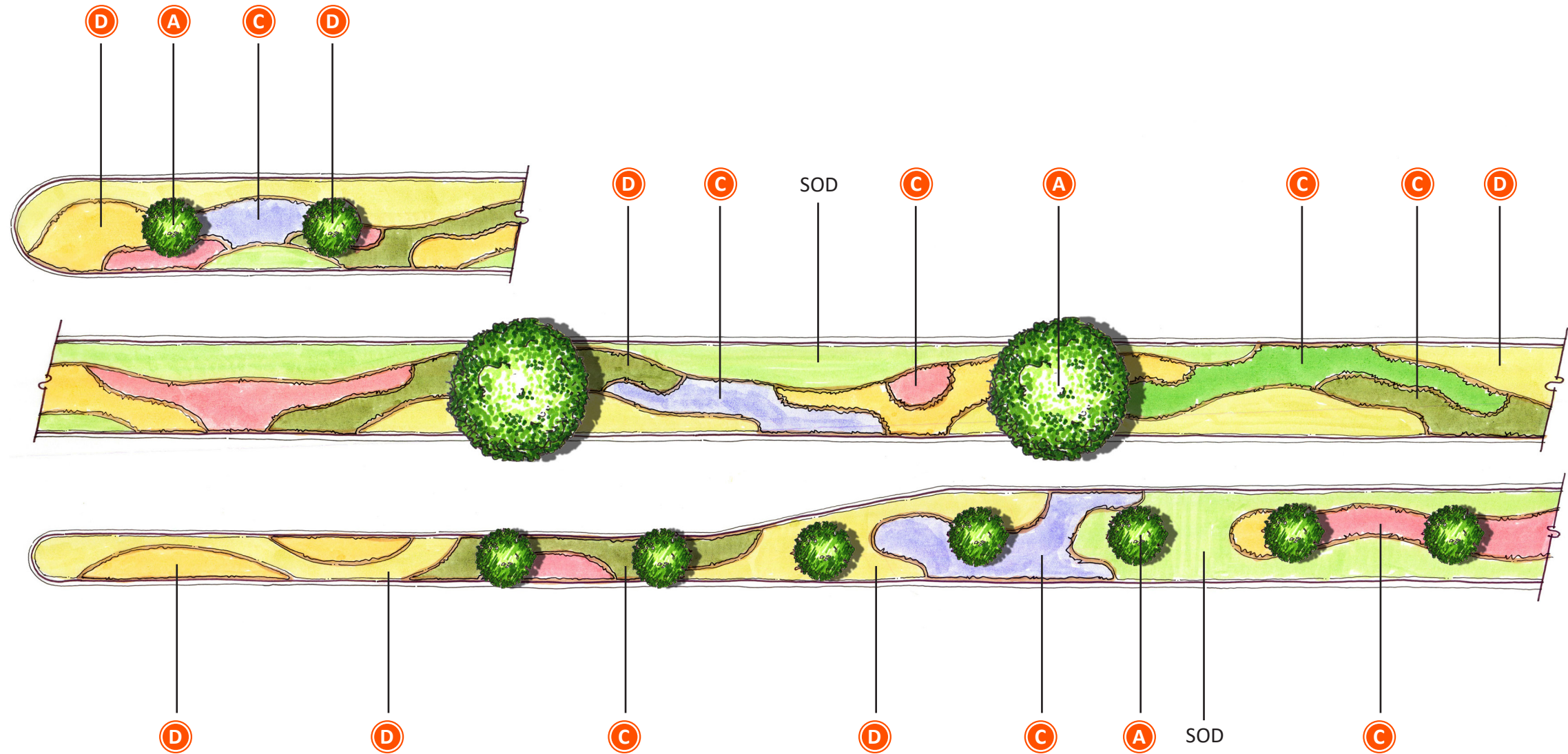
C. Shrubs



D. Accent / Ground Cover



PROPOSEED LANDSCAPE PLAN



Xeriscape

Low Intensity (Example)

Cape Coral

Median Landscape Templates



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TREES										
Common Name	Other Names	Botanical Name	Median Theme Application				Mature Height	Mature Spread	Recommended Spacing	Notes / Comments
			Mix	Shade	Tropical	Xerisape				
Black Olive Tree	Shady Lady, Gregorywood, Oxhorn Bucida, Bucida (various)	Bucida buceras					40'-50'	35'-50'	Equal to spread	Due to potential root damage the use of this tree is recommended to be used only in limited areas that have sufficient open areas. Should not be used immediately adjacent to walkways, medians and/or paved areas. Best for open lateral/parallel green areas.
Bottle Brush		Callistemon citrinus or viminalis					10'-15'	10'-15'	Equal to spread	
Buttonwood	Green Buttonwood	Conocarpus erectus					30'-45'	20'-30'	5' o.c. (for shrub)//Equal to spread for tree form	
Buttonwood	Silver Buttonwood	Conocarpus erectus var.sericeus					30'-45'	20'-30'	5' o.c. (for shrub)//Equal to spread for tree form	
Crape Myrtle	Muskogee	Lagerstroemia indica					10'-30'	15'-25'	Equal to spread	
Cypress-Bald	Bald Cypress	Taxodium distichum					100'-150'	40'-50'+	Equal to spread	Due to suckering/developing knees and rapid growth, the use of this tree is limited to areas that have sufficient open areas and should not be used in medians. Do not place immediately adjacent to walkways, medians and/or paved areas. Best for open lateral/parallel green areas.
Fiddlewood		Citharexylum fruticosum					15'-25'	10'-15'	Equal to spread	Can be trained to be shrub form or can be tree form.
Florida Privet	"Florida Swamp Privet, and Southern Privet"	Forestiera segregata					10'-15'	5'-10'		Can be trained to be shrub form or can be tree form.
Geiger Tree		Cordia sebestena L.					25'-30'	20'-25'	Equal to spread	
Gumbo Limbo		Bursera simaruba					25'-50'	25'-50'	Equal to spread	Can be used in medians, growth rate is slow and roots have not proven to be issues when planted in medians and/or parking lot aisles.
Holly-East Palataka	Savannah Holly	Ilex x attenuata 'Savannah'					30'-45'	15'-20'	Equal to spread	
Holly-Yaupon	Yaupon	Ilex vomitoria					15'-25'	15'-20'	Equal to spread	
Jacaranda Tree		Jacaranda mimosifolia					25'-40'	45'-60'	Equal to spread	Due to size and potential root damage the use of this tree is should be limited to areas that have sufficient open areas. Should not be used immediately adjacent to walkways, medians and/or paved areas. Best for open lateral/parallel green areas.
Jamaican Caper		Capparis cynophallophora					6'-15'	8'-12'	3'-5' o.c. (for shrub)//10'-15' o.c. spread for tree form	
Japanese Blueberry		Elaeocarpus decipens					20'-40'	15'-25'	Equal to spread	
Magnolia	Southern Magnolia, Little Gem	Magnolia grandiflora L.					30'-35'	10'-25'	Equal to spread	
Oak-Live		Quercus virginiana Mill.					40'-60'	60'-100'	Equal to spread	Due to potential root damage the use of this tree is recommended to be used only in limited areas that have sufficient open areas. Should not be used immediately adjacent to walkways, medians and/or paved areas. Best for open lateral/parallel green areas.
Pigeon Plum		Coccoloba diversifolia					15'-25'	20'-30'	Equal to spread	
Poinciana: Royal	Poinciana Tree	Delonix regia (Bojer ex Hook.) Raf.					30'-40'	50'-60'	1.5 times spread	Due to potential root damage the use of this tree is recommended to be used only in limited areas that have sufficient open areas. Should not be used immediately adjacent to walkways, medians and/or paved areas. Best for open lateral/parallel green areas.
Poinciana: Yellow	Yellow Flame Tree, Copper-Pod	Peltophorum pterocarpum					30'-40'	50'-60'	1.5 times spread	Due to potential root damage the use of this tree is recommended to be used only in limited areas that have sufficient open areas. Should not be used immediately adjacent to walkways, medians and/or paved areas. Best for open lateral/parallel green areas.
Poinciana: Dwarf	Peacock Flower, Barbados Pride	Caesalpinia pulcherrima (L.) Sw.					10'-15'	10'-15'	Equal to spread	
Red Maple		Acer rubrum L.					60'-75'	25'-35'	Equal to height	
Satinleaf		Chrysophyllum oliviforme					35'-45'	20'-25'	Equal to height	
Screw Pine	N/A	Pandanus utilis Bory					20'-60'	15'-20'	Equal to height	
Sea Grape	N/A	Coccoloba uvifera					25'-30'	20'-30'	Equal to spread	Can be trained to be shrub form or can be tree form.
Slash Pine	Cuban Pine, Dade County Pine, Dade County Slash Pine, Pitch Pine, Slash Pine, South Florida Slash Pine, Swamp Pine	Pinus elliotii					75'-100'	35'-50'	1.5 times spread	Due to height and spread, the use of this species shall be restricted to areas with sufficient areas and nearby adjacent overhead utilities.
Southern Redcedar		Juniperus silicicola					30'-45'	20'-30'	Equal to height	Due to size and potential root damage the use of this tree is should be limited to areas that have sufficient open areas. Should not be used immediately adjacent to walkways, medians and/or paved areas. Best for open lateral/parallel green areas.
Swamp Apple	Pitch Apple, Pond Apple	Annona glabra					10'-20'	10'-15'	Equal to spread	Good plant to use in wet areas (e.g. detention areas)
Sweet Acacia		Acacia farnesiana					15'-25'	15'-25'	Equal to spread	Not to be used in medians and/or parking lots where canopy clearances for vehicles is necessary. Use in areas where tree and canopy can spread. Lateral right of ways, wide medians with no sight restrictions can be ideal locations.
Wax Myrtle		Myrica cerifera					20'-25'	20'-25'	1.5 times spread	
Wild Tamarind		Lysiloma bahamensis					40'-60'	30'-50'	Equal to height	Due to potential root damage the use of this tree is recommended to be used only in limited areas that have sufficient open areas. Should not be used immediately adjacent to walkways, medians and/or paved areas. Best for open lateral/parallel green areas.
Wild Tamarind		Lysiloma latisiliquum					40'-60'	30'-50'	Equal to height	Due to potential root damage the use of this tree is recommended to be used only in limited areas that have sufficient open areas. Should not be used immediately adjacent to walkways, medians and/or paved areas. Best for open lateral/parallel green areas.

Plant Lists

& Specifications

Cape Coral

Median Landscape Templates



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PALMS										
COMMON NAME	OTHER NAMES	BOTANICAL NAME	MEDIAN THEME APPLICATION				MATURE HEIGHT	MATURE SPREAD	RECOMMENDED SPACING	NOTES / COMMENTS
			Mix	Shade	Tropical	Xerisape				
Palm-Alexander		Ptychosperma elegans					15'-20'	10'-15'	Equal to spread	Narrow/slim trunk palm. Can be found in multiple trunk clusters
Palm-Areca	Golden Cane, Yellow Butterfly, Madagascar, Areca lutescens	Dypsis lutescens (H. Wendl.) Beentje & Dransf.					25'-35'	10'-20'	Equal to spread	This species will be limited to select locations and will be considered on a case by case basis. Approval and/or rejection of this palm will vary.
Palm-Bismarckia	Bismark, Bismarckia, Bismarkia	Bismarckia nobilis					30'-60'	15'-20'	Equal to height	Spacing equal to height. This is a showy palm and needs plenty of room. Very susceptible to diseases and pest infestations.
Palm-Buccaneer		Psuedophoenix sargentii					10'-25'	8'-15'	Equal to spread	Very slow growing. Sometimes difficult to source palms greater than 5' o.a. height.
Palm-Canary Island Date		Phoenix canariensis								
Palm-Carpentaria		Carpentaria acuminata								
Palm-Christmas	Manila Palm, Adonidia	Veitchia merrillii					20'-25'	10'-15'	Equal to spread	Adonidia merrillii is synonymous with Veitchia merrillii
Palm-Coconut		Cocos nucifera					35'-40'	15'-20'	Equal to height	Not to be placed in medians with high traffic (vehicle and/or pedestrian) volumes.
Palm-Foxtail		Wodyetia bifurcata					20'-30'	15'-20'	Equal to height	Watch for signs of Micronutrient deficiencies
Palm-European Fan										
Palm-King Alexander	Alexander Palm, Alexandra Palm, King Alexander Palm, Northern Bangalow Palm	Archontophoenix cunning-hamiana					20'-40'	10'-15'	Equal to height	Narrow/slim trunk palm. Can be found in multiple trunk clusters
Palm-Latania Blue		Latania spp.					20'-30'	10'-15'	Equal to height	Similar appearance to Bismarckia. Also a red cultivar in some limited areas.
Palm-Majesty	Majestic Palm	Ravenea rivularis					15'-20'	10'-15'	Equal to height	Can be fast growing palm.
Palm-Montgomery		Veitchia montgomeryana					25'-35'	15'-20'	Equal to spread	They have combined the Vietchia montgomeryana with the vietchia modanielsii and lumped them together to make the vietchia arecina
Palm-Palmetto (Silver)	Saw Palmetto (green/silver)	Serenoa repens					5'-10'	4'10'	Equal to height	
Palm-Palmetto (Scrub)	Scrub Palm, Scrub Palmetto	Sabal etonia Swingle ex Nash					3'-6'	3'-5'	Equal to height	
Palm-Paurotis	Everglades Palm	Acoelorrhaphe wrightii					30'	20'	Equal to spread	
Palm-Piccabeen		Archontophoenix cunning-hamiana					20'-30'	10'-15'	Equal to spread	
Palm-Pindo		Butia capitata					15'-20'	10'-15'	Equal to height	
Palm-Pygmy	Miniature Date Palm, Pygmy Date Palm	Phoenix roebelenii					15'-20'	10'-15'	Equal to spread	
Palm-Reclinata		Phoenix reclinata					25'-50'	15'-20'	Equal to spread	
Palm-Ribbon		Livistona decipiens					30'-50'	15'-20'	Equal to spread	
Palm-Royal	Florida Royal Palm	Roystonea regia					50'-70'	20'-25'	Equal to spread	
Palm-Sabal	Cabbage Palm, Palmetto	Sabal palmetto					20'-40'	15'-20'	Equal to spread	
Palm-Spindle		Hyophorbe verschaffeltii					20'-25'	10'-15'	Equal to spread	
Palm-Sylvester		Phoenix sylvestris (L.) Roxb.					40'-50'	15'-25'	Equal to spread	
Palm-Thatch	Florida Thatch	Thrinax radiata					15'-20'	5'-10'	Equal to height	
Palm-Thatch (Silver)	Silver Thatch, Silverpalm	Coccothrinax argentata					5'-20'	5'-10'	Equal to spread	
Palm-Triangle		Dypsis decaryi					25'-35'	10'-15'	Equal to spread	
Palm-Wax		Copernicia prunifera					25'-30'	10'-15'	Equal to spread	
MULCH										
COMMON NAME										NOTES / COMMENTS
Mulch-Cypress										3" loose depth
Mulch-Flora										3" loose depth
Mulch-Red										3" loose depth
Mulch rings are to be used around all trees, palms, utility boxes, sign posts, electrical services/panels and as indicated by the City's representative. New medians will establish mulch type & mulch color to be utilized the remainder of roadway. If mulch already exists in an approved landscaped median on the subject roadway, the same mulch shall be required throughout the remainder of the roadway.										

Plant Lists

& Specifications

Cape Coral

Median Landscape Templates



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SHRUBS...										
COMMON NAME	OTHER NAMES	BOTANICAL NAME	MEDIAN THEME APPLICATION				MATURE HEIGHT	MATURE SPREAD	RECOMMENDED SPACING	NOTES / COMMENTS
			Mix	Shade	Tropical	Xerisape				
Arboricola	Dwarf Schefflera, Dwarf Scheff, Trinette	Schefflera arboricola					10'-15'	6'-15'	5' o.c. (for shrub)//Equal to spread for tree form	
Bahama Cassia		Cassia bahamensis					3'-9'	6'-10'	5' o.c. for hedge//space equal to spread for individual shrub form	
Beach Sunflower		helianthus debilis					2'-4'	2'-4'	3' o.c.	
Beautyberry	American Beautyberry	Callicarpa americana					3'-8'	4'-8'	5' o.c.	
Blue Porterweed		Stachytarpheta jamaicensis					4'-8'	4'-8'	3'-5' o.c.	
Bougainvillea	Paper Flower, Helen Johnson	Bougainvillea spp					1'-20'+	15'-40'	5' o.c. (for shrub)//Equal to spread for tree form	
Bougainvillea-Dwarf		Bougainvillea spp					1'-20'+	15'-40'	5' o.c. (for shrub)//Equal to spread for tree form	
Cape Honeysuckle		Tecomaria capensis					10'-12'	25'+	3' o.c. (for shrub)	Can be used as a shrub or vine for screening purposes. Due to growth potential, recommend maintaining 10' buffer from trees/palms, walls, and/or structures. Growth can be very aggressive and rampant. When used as a shrub, often best responds when allowed to naturally form shape in-lieu of heavy pruning/shaping cuts. 'Aurea' cultivar has yellow flowers, 'Apricot' cultivar has organge flowers.
Carissa-Emerald Blanket	Emerald Blanket	Carissa macrocarpa					1'-2'	4'-8'	3'-5' o.c.	Emerald Blanket is the dwarf cultivar, and its low spreading
Carissa-Boxwood	Boxwood	Carissa macrocarpa					1'-2'	4'-8'	3'-5' o.c.	This cultivar is a compact, mounded shrub, makes a nice foundation plant. Has spreading habit and can be used as a ground cover shrub as well.
Carissa-Dwarf Natal Plum	Dwarf Natal Plum	Carissa macrocarpa					1'-2'	4'-8'	3'-5' o.c.	Natal Plum is the largest of the three, and has a bit more of an open foliage pattern to it. This cultivar is used mainly as an accent or foundation plant
Clusia	Pitch Apple	Clusia rosea & Clusia guttifera					25'-30'	15'-25'	5' o.c. (for shrub)//Equal to spread for tree form	
Cocoplum	Icaco	Chrysobalanus icaco L.					3'-15'	3'-15'	5' o.c. (for shrub)//Equal to spread for tree form	
Cocoplum	Icaco	Chrysobalanus icaco Horizontalis					3'-15'	3'-15'	5' o.c. (for shrub)//Equal to spread for tree form	
Coontie	Florida Arrowroot	Zamia floridana					2'-4'	3'-5'	3'-5' o.c.	
Croton		Codiaeum variegatum					3'-8'	3'-6'	5' o.c.	Numerous Cultivars Available
Dracaena		Dracaena var					1'-40'	2'-20'	Equal to spread	Numerous Cultivars Available
Fakahatchee Grass-Dwarf		Tripsacum floridanum					2'-3'	4'-6'	3'-5' o.c.	
Fakahatchee Grass-Full		Tripsacum floridana					3'-5'	4'-6'	3'-5' o.c.	
Flax Lily		Dianella tasmanica					1'-4'	2'-4'	Equal to spread	
Fiddlewood		Citharexylum fruticosum					15'-25'	10'-15'	3'-5' o.c.	Can be trained to be shrub form or can be tree form.
Fire Bush	Scarlet Bush, Hummingbird Bush	Hamelia patens Jacq.					6'-12'	5'-8'	Equal to spread	
Fire Bush	Native	Hamelia patens								
Fire Bush-Dwarf	Dwarf Firebush	Hamelia patens var glabra or compacta								
Florida Privet	"Florida Swamp Privet, and Southern Privet"	Forestiera segregata					10'-15'	5'-10'		Can be trained to be shrub form or can be tree form.
Foxtail Fern	Myers or Myers Asparagus	Asparagus densiflorus					1'-2'	2'-4'	Equal to spread	
Golden Dewdrop		Duranta repens					10'-15'	10'-20'	5' o.c. for hedge//space equal to spread for individual shrub form	Native
Golden Dewdrop		Duranta erecta					10'-15'	10'-20'	5' o.c. for hedge//space equal to spread for individual shrub form	Not Native
Green Island Ficus		Ficus microcarpa					3'-4'	2'-4'	3'-5' o.c.	Can be spaced closer if desired. Used frequently in median locations to replace Indian Hawthorns, few pest problems experienced.
Holly-Dahoon	N/A	Ilex cassine					20'-30'	10'-15'	Equal to spread	
Ilex Schilling	Dwarf Holly, Dwarf Schilling	Ilex vomitoria					4'-7'	7'-10'	5' o.c.	
Jamaican Caper		Capparis cynophallophora					10'-15'	6'-12'	Equal to spread	"Can be utilized as an understory tree in the partial shade. Train the plant into a tree by removing low, drooping branches, and heading upright branches to thicken their diameter. It can also be clipped into a hedge or tall screen to block an undesirable view"
Jasmine-Downy		Jasminum multiflorum					5'-15'	5'-10'	Equal to spread	
Jasmine-Wax		Jasminum simplicifolium (aka) Jasminum volubile					5'-15'	5'-10'	Equal to spread	
Jasmine-Star		Jasminum nitidum					5'-15'	5'-10'	Equal to spread	
Jatropha	Peregrina, Spicy Jatropha	Jatropha integerrima compacta					10'-15'	10'-15'	Equal to spread	
Ligustrum	Japanese Privet	Ligustrum japonicum					10'-15'	15'-25'	Equal to spread	

Plant Lists

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Cape Coral

Median Landscape Templates



cph

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SHRUBS...										
COMMON NAME	OTHER NAMES	BOTANICAL NAME	MEDIAN THEME APPLICATION				MATURE HEIGHT	MATURE SPREAD	RECOMMENDED SPACING	NOTES / COMMENTS
			Mix	Shade	Tropical	Xerisape				
Muhly Grass	Regal Mist, Hairawn Muhly	Muhlenbergia capillaris					3'-5'	3'-5'	Equal to spread	
Necklace Pod		Sophora tomentosa var. truncata					5'-10'	10'-15'	5' o.c. for hedge//space equal to spread for individual shrub form	
Palm-Palmetto (silver)	Saw Palmetto (green/silver)	Serenoa repens					5'-10'	4'10'	Equal to height	
Philodendron		Philodendron bipinnatifidum								
Plumbago	Leadwort, Skyflower	Plumbago auriculata Lam.								
Sea Grape	N/A	Coccoloba uvifera					25'-30'	20'-30'	Equal to spread	
Shrimp Plant		Justicia brandegeana								
Simpson's Show Stopper	Twinberry	Myrcianthes fragrans								
Varnish Leaf	Hopbush	Dodonaea viscosa					10'-15'	5'-15'	Equal to spread	Availability may be limited and hard to source due.
Wax Myrtle-Dwarf		Myrica pumila								
White Stopper		Eugenia axillaris								
GROUND COVER										
COMMON NAME	OTHER NAMES	BOTANICAL NAME	MEDIAN THEME APPLICATION				MATURE HEIGHT	MATURE SPREAD	RECOMMENDED SPACING	NOTES / COMMENTS
			Mix	Shade	Tropical	Xerisape	2'-4'	2'-4'	3' o.c.	Use of this as groundcover will be limited in areas outside of 100' from median ends.
Beach Sunflower		Helianthus debilis					1'-2'	2'-3'	1'-2' o.c.	Annual/Seasonal flower.
Blanket Flower		Gaillardia pulchella					.5'-1'	1'-2'	3' o.c.	Allow to spread to fill in. Can be susceptible to mites. Not recommended to be used where soils are not well drained.
Blue Daze		Evolvulus glomeratus					1'-3'	2'-3'	Equal to spread	
Crown of Thorns	Christ Thorns, Christ Plant	Euphorbia milii								
Golden Creeper		Ernodea littoralis					1'-2'	1'-2'	Equal to spread	
Liriope	Border Grass, Lily-Turf	Liriope muscari (Decne.) L.H. Bailey					3'-4'	2'-4'	3'-5' o.c.	Slow growing and can be used in median ends. Is susceptible to spider mites.
Parson Juniper	Dahurian Juniper	Juniperus davurica 'Parsonii'					.5'-1'	1'-2'	3' o.c.	
Perennial Peanut		Arachis glabrata								Can be aggressive in growth. Use may be limited/restricted to select medians/areas.
Railroad Vine		Ipomoea pes-caprae								
Society Garlic	Pink Agapanthus	Tulbaghia violacea (Tulbaghia L.- at least 20 varieties of this species)					N/A	N/A	N/A	
Sod-Bahia		Bahia spp.					N/A	N/A	N/A	
Sod-St. Augustine							N/A	N/A	N/A	
BEDDING PLANTS										
COMMON NAME	OTHER NAMES	BOTANICAL NAME	MEDIAN THEME APPLICATION				SUN EXPOSURE	PLANTING PERIOD (ADD-REMOVE)	RECOMMENDED SPACING	NOTES / COMMENTS
			Mix	Shade	Tropical	Xerisape				
Dracaena	Blue Horizon	Ageratum houstonianum					Full Sun	February-July	10"-12" o.c.	
Celosia	Cockscomb	Celosia argenta					Full Sun	February-July	10"-12" o.c.	
Coleus		Coleus x hybridus					Sun to Partial Shade	Year Round	18"-24" o.c.	
Cosmos		Cosmos bipannatus					Full Sun	Year Round	12"-18" o.c.	Remove and Replace every 3 months or as they decline
Gazania		Gazania splendens					Full Sun	Year Round	8"	
Geranium		Pelargonium x hortorum					Full Sun	October-May	12"-18" o.c.	Tolerates Cold and Sale Spray
Impatiens		Impatiens wallerana					Partial to Full Shade	October-May	12"-18" o.c.	
Jacobinia		Justicia carnea					Partial to Full Shade	Spring-Summer	12"-14" o.c.	
Melampodium		Melampodium paludosum					Sun to Partial Shade	Year Round	12"-18" o.c.	Great for Summer
Moss Rose	Purslane, Portulaca	Portulaca grandiflora					Full Sun	Spring-Summer	10"-12" o.c.	
Torenia		Torenia fournieri					Sun to Partial Shade	February-December	12"-18" o.c.	Does well in heat
Zinnia		Zinnia elegans					Sun to Partial Shade	Spring-Summer	12"-14" o.c.	Use Viola cultivar for cooler winter months. Attracts bees and butterflies.
Bedding plants, if used shall be required to be removed and replaced a minimum of 4 times per year. This shall include the bedding soils and replacement with new bedding soil. Also do not use mulch around herbacious plants, as this could cause stem damage. If mulch is desired, use pine straw.										

Plant Lists

& Specifications

Cape Coral

Median Landscape Templates





03.20.19 / Z6582-2019

PAGE 11

Item Number:	5.E.
Meeting Date:	3/20/2019
Item Type:	BUSINESS

AGENDA REQUEST FORM
CITY OF CAPE CORAL



TITLE:

Adopt a Median Ordinance - William Corbett, Traffic Engineer

SUMMARY:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Description	Type
□ Adopt a Median Ordinance	Backup Material

City Transportation Advisory Commission Meeting



March 20, 2019

S.E. 47th Terrace Streetscape

- Project on time and under budget.
- Majority of savings in Utilities and Paving budgets.
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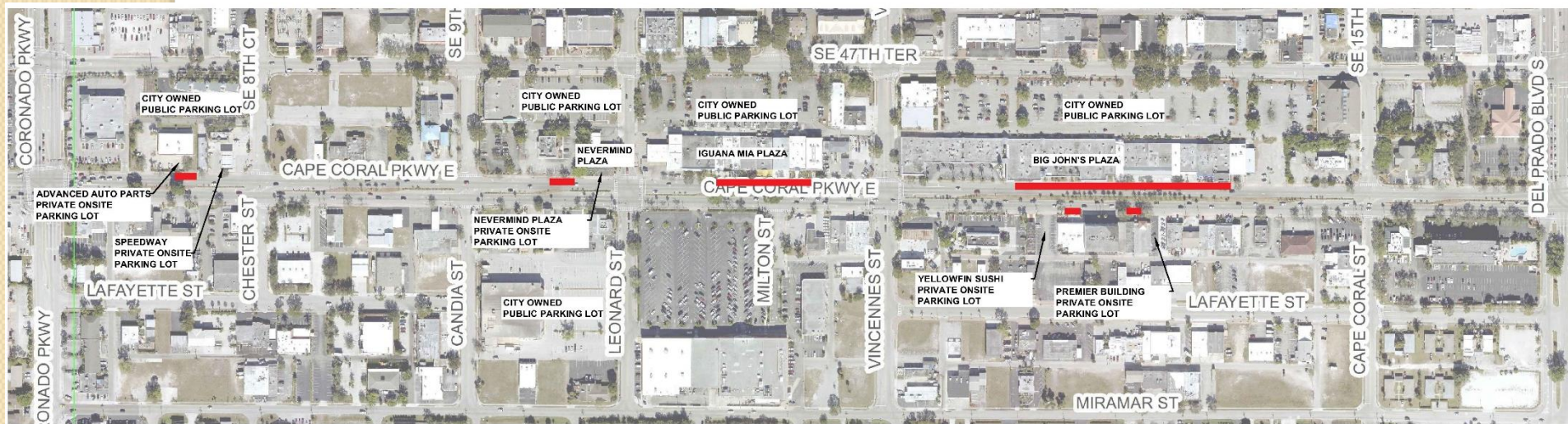
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DRAFT 2/12/2019

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2. Priority for item 6-10 also considered the number of improved lots which use the adjacent roadway segment for daily access								
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Landscape Architect Software

Rendering Tool Examples

Example I: Before



Example I: Rendering



Example 2: Before



Example 2: Rendering





QUESTIONS?



Landscaping at CC Pkwy Bridge

Bernice Braden Park (East of Del Prado)

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- Challenges were identified concerning the areas which are utilized for special events, notably Red, White and Boom.
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CAPE CORAL PARKWAY – ROADSIDE OWNERSHIP
AT BRIDGE

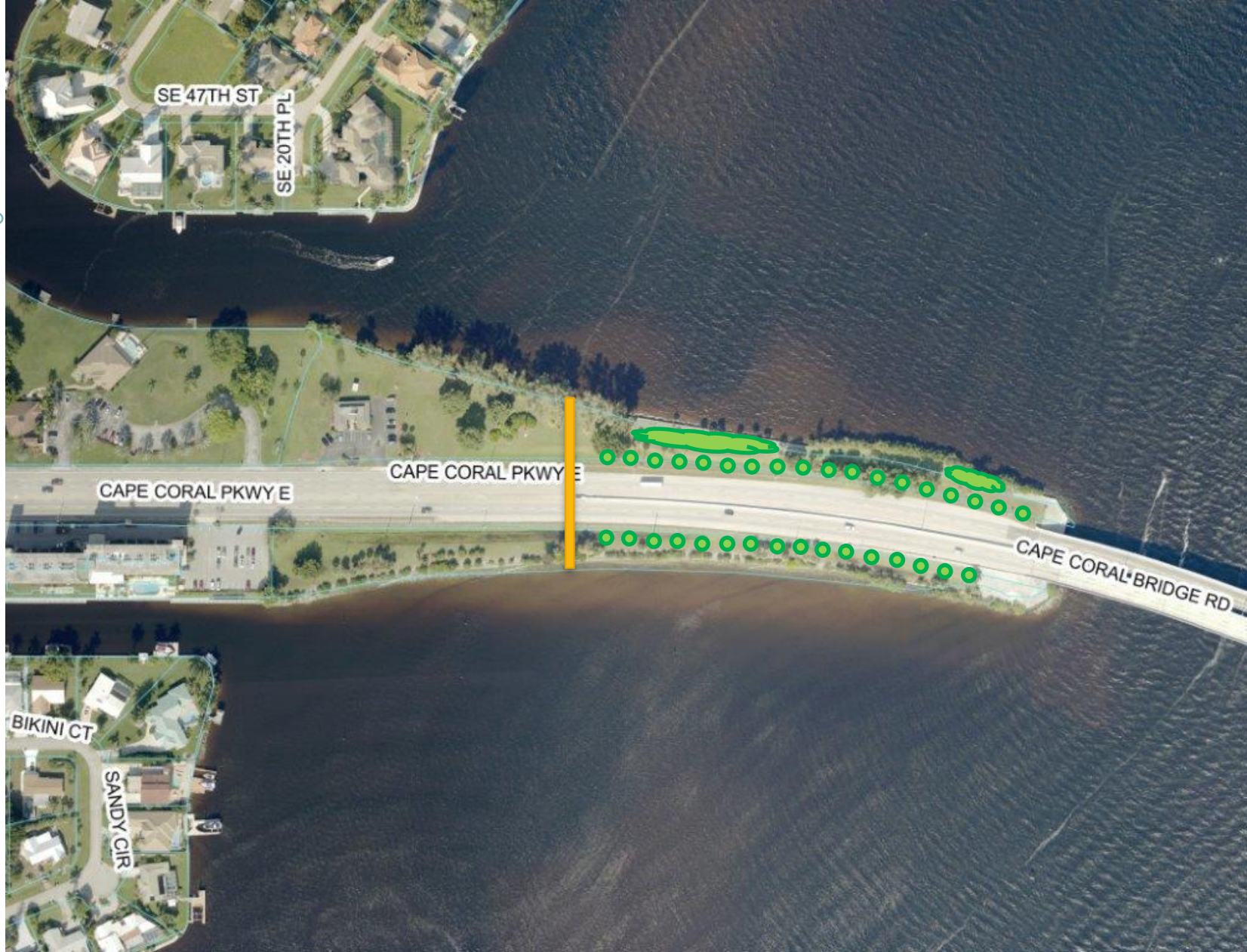


Staging area for 4 yard
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CAPE CORAL PARKWAY – SPECIAL EVENT PLAN



CAPE CORAL PARKWAY – ROADSIDE AT BRIDGE



QUESTIONS?

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- Estimated cost is \$150,000.
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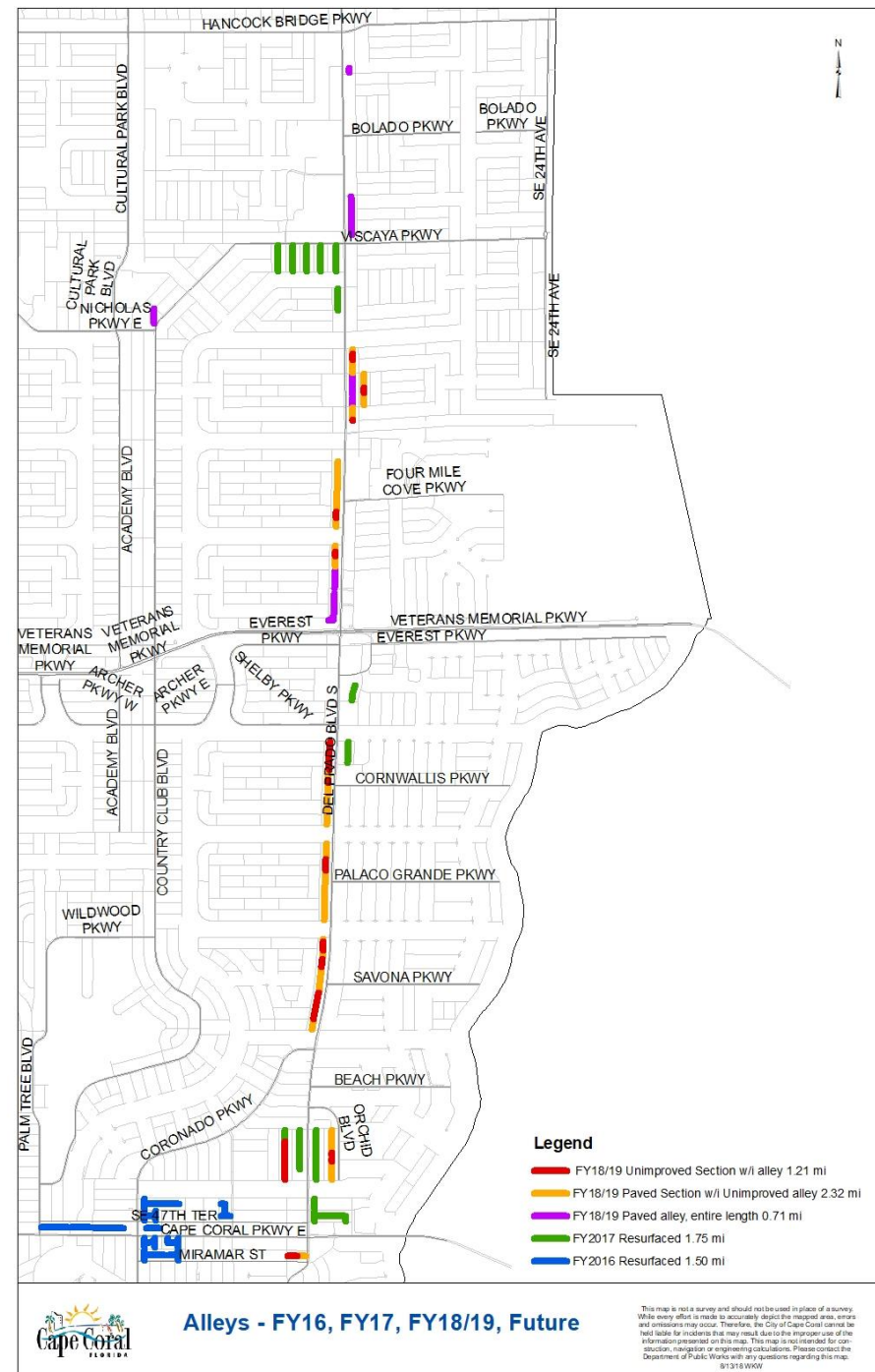
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Alley paving: completed and future





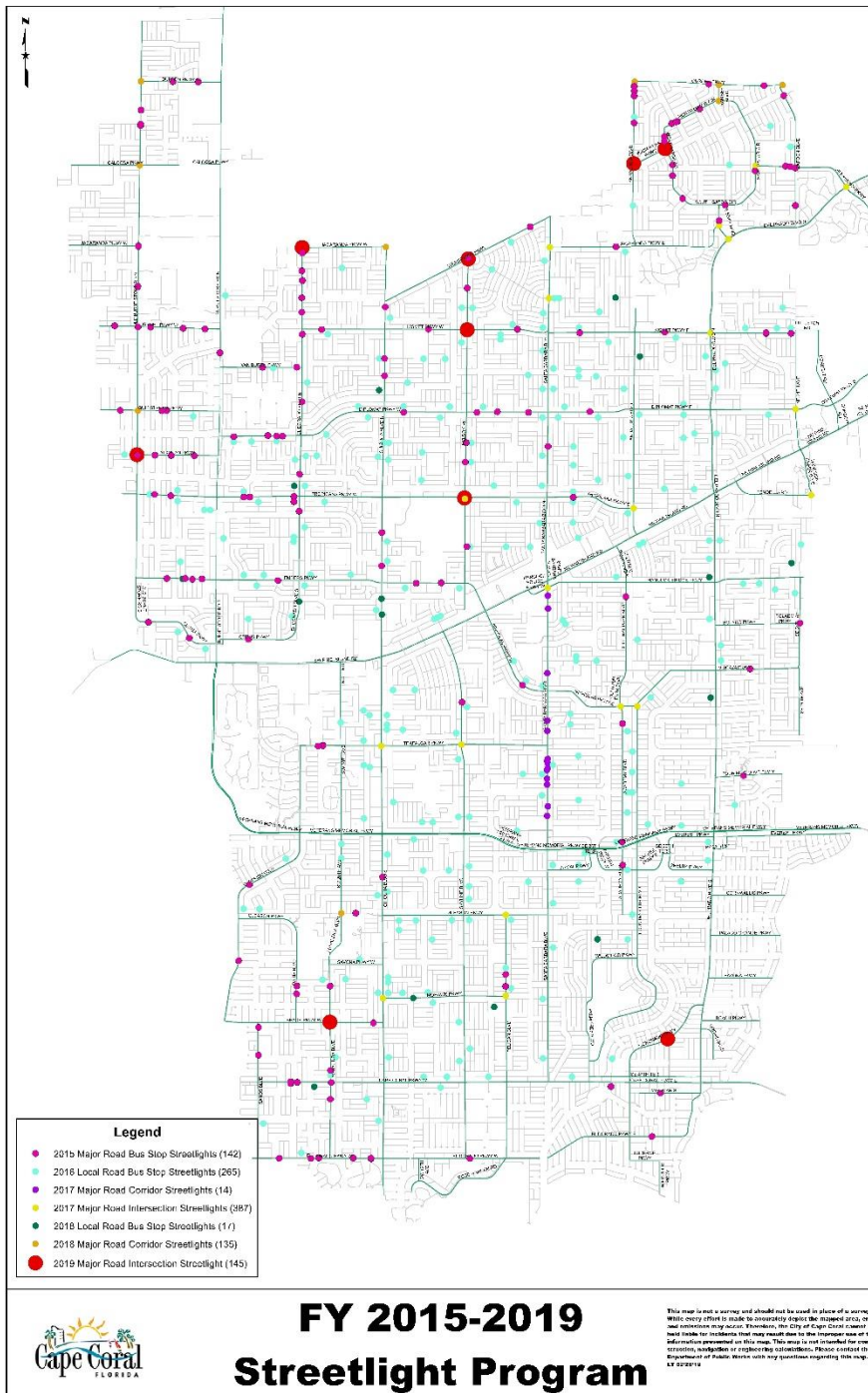
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QUESTIONS?

Item Number:	5.F.
Meeting Date:	3/20/2019
Item Type:	BUSINESS

AGENDA REQUEST FORM
CITY OF CAPE CORAL



TITLE:

Median Improvements - Stephanie Smith, PW Design and Construction Manager and William Corbett, Traffic Engineer

SUMMARY:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Description	Type
▣ Median Improvements	Backup Material

City Transportation Advisory Commission Meeting



March 20, 2019

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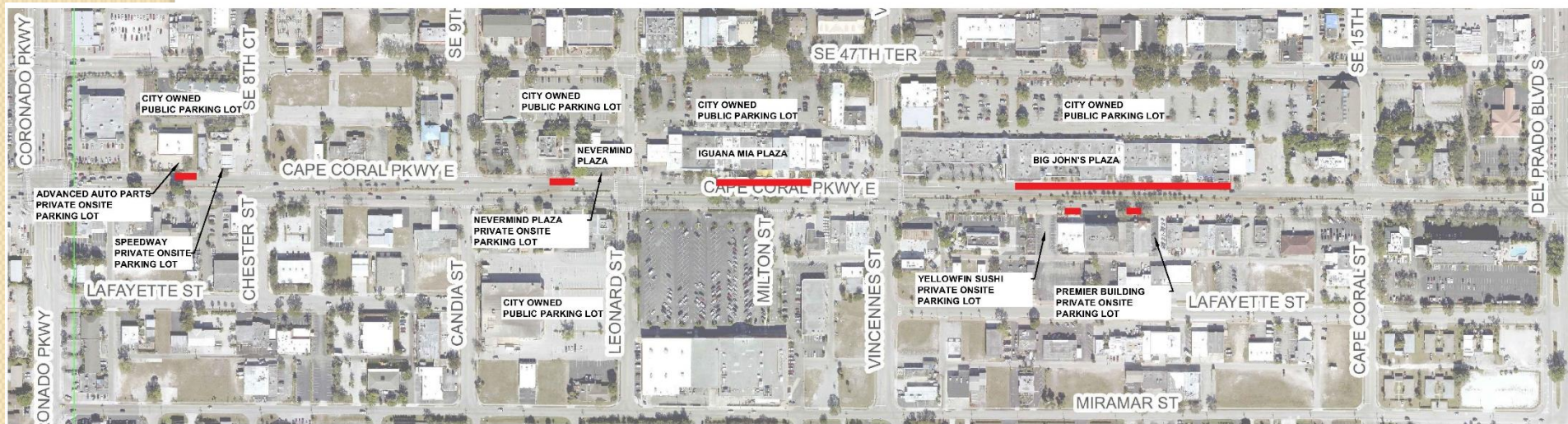
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DRAFT 2/12/2019

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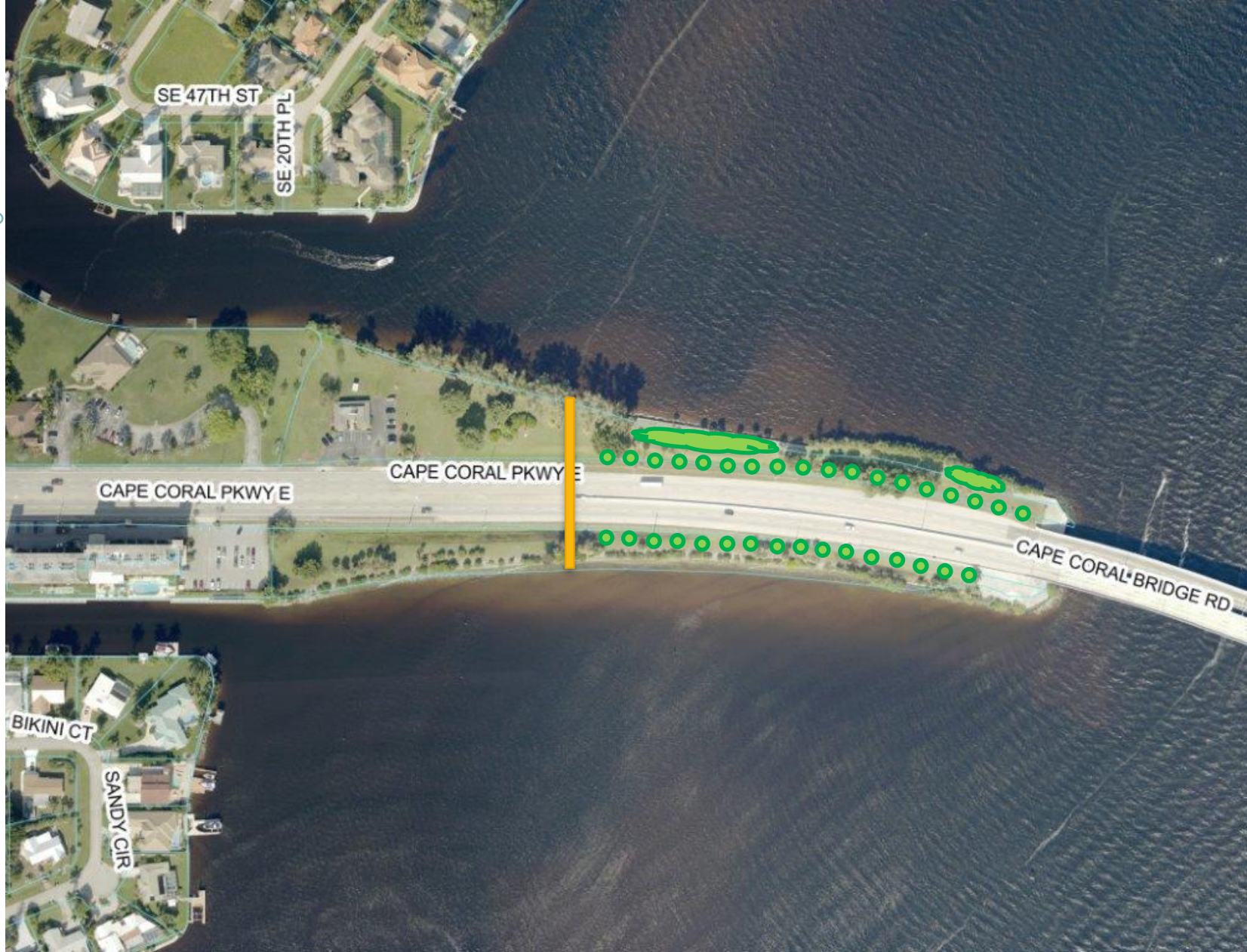


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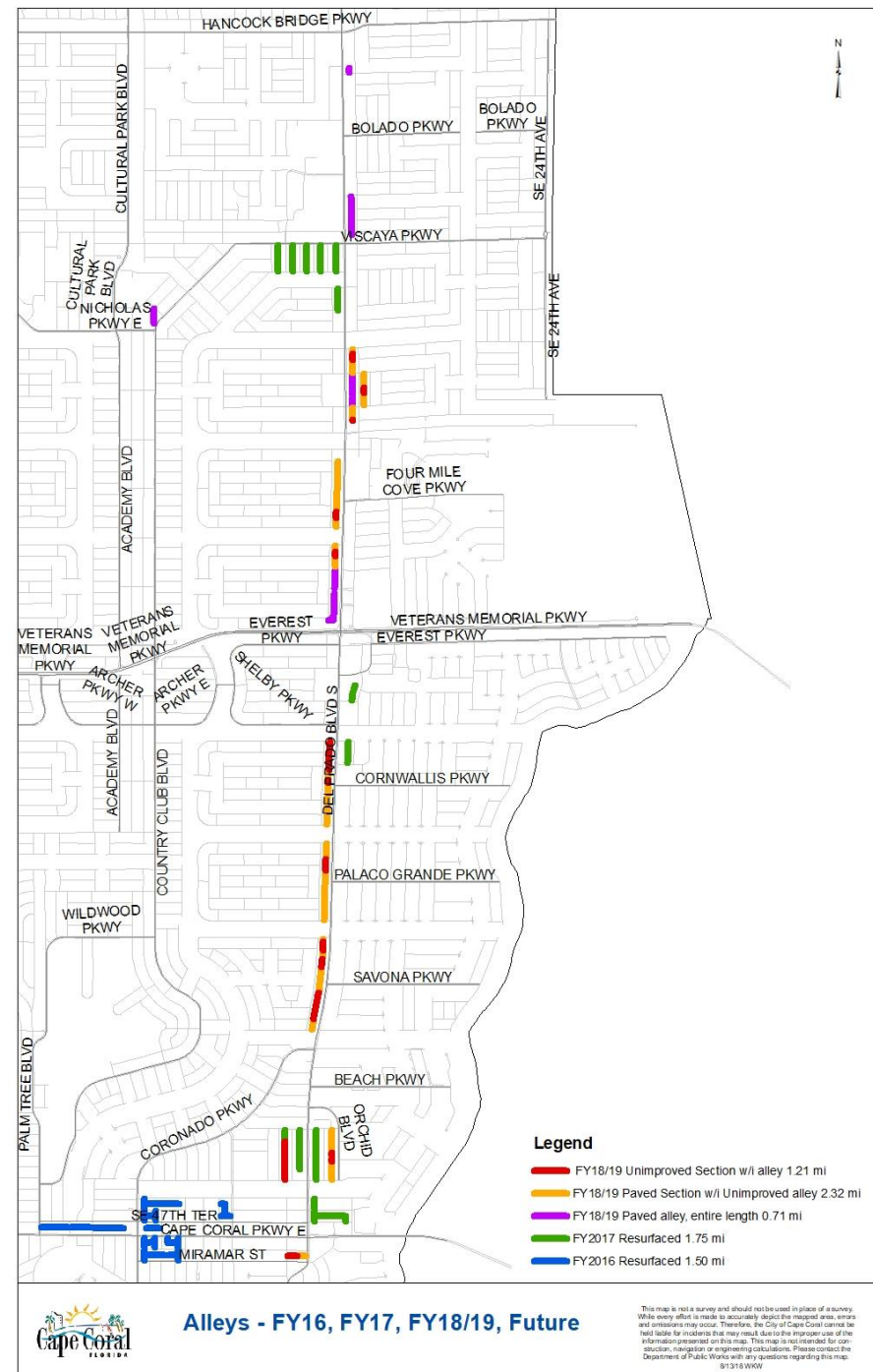
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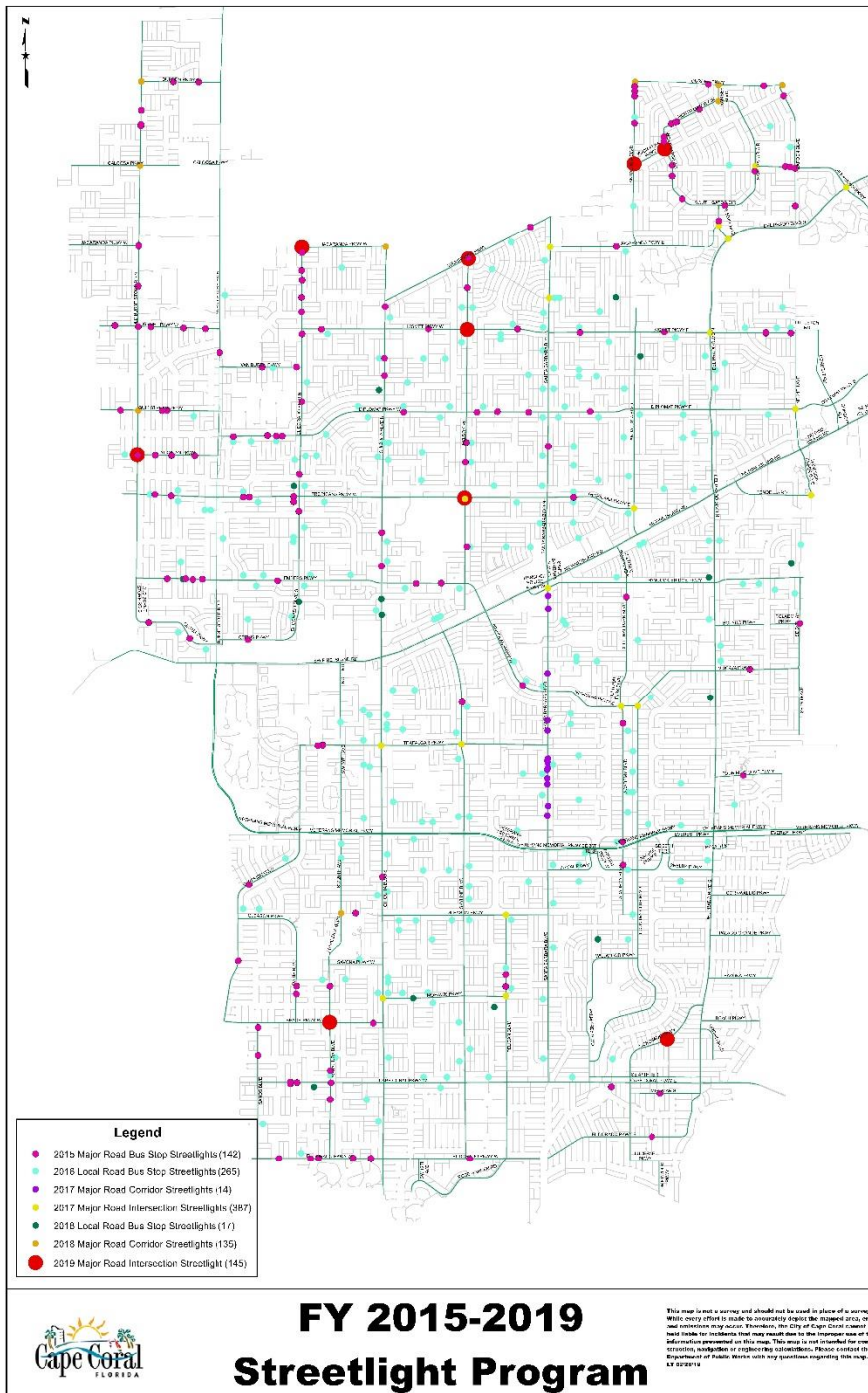
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QUESTIONS?

Item Number:	5.G.
Meeting Date:	3/20/2019
Item Type:	BUSINESS

AGENDA REQUEST FORM
CITY OF CAPE CORAL



TITLE:

Landscape Enhancements at the Cape Coral Parkway Bridge - William Corbett, Traffic Engineer

SUMMARY:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Description	Type
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City Transportation Advisory Commission Meeting



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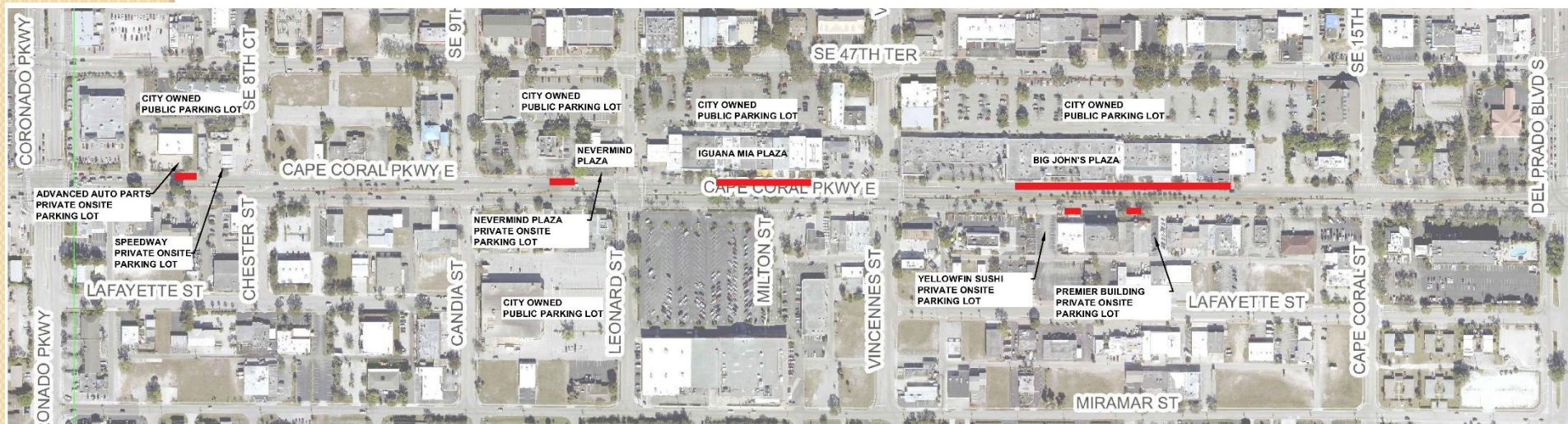
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DRAFT 2/12/2019

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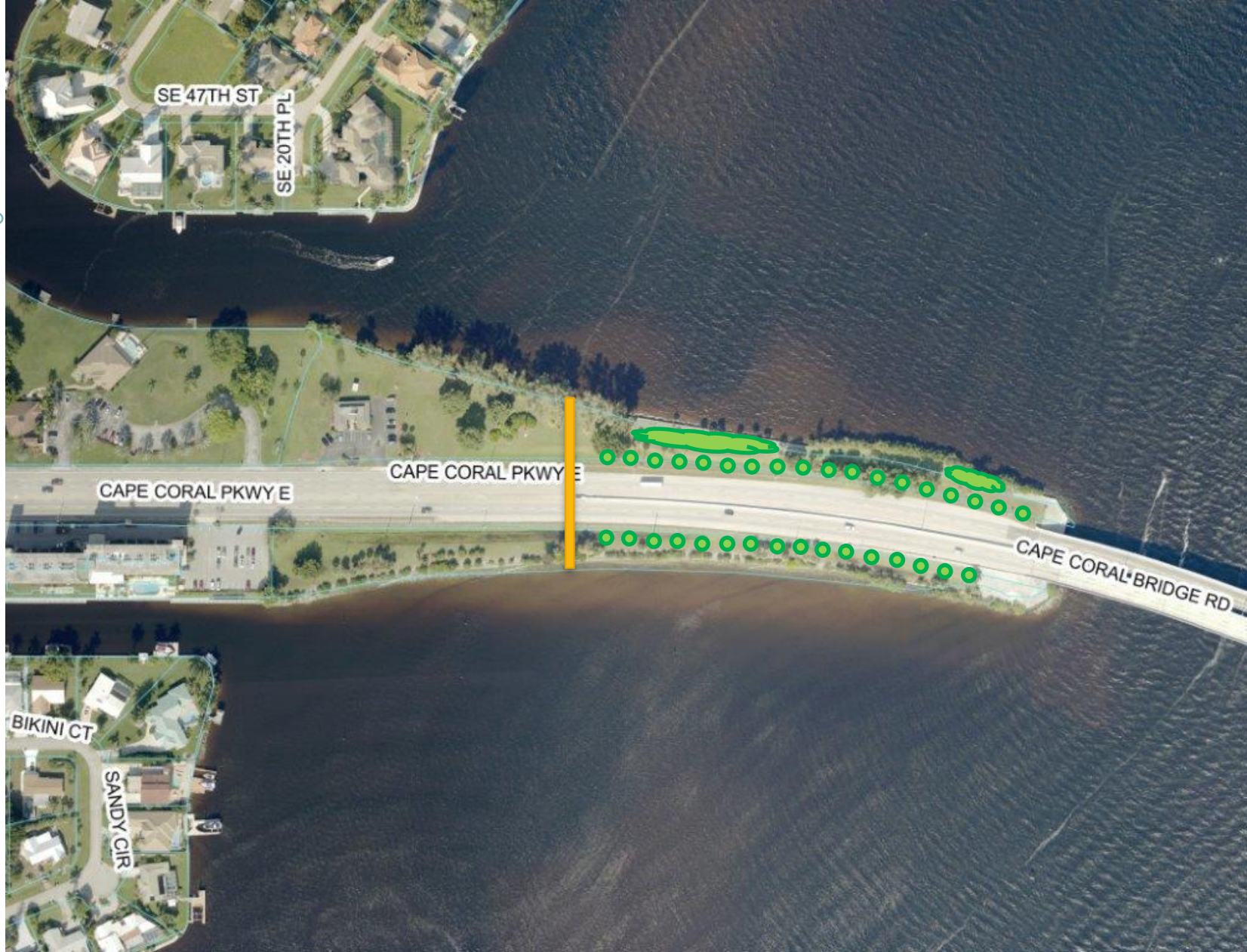


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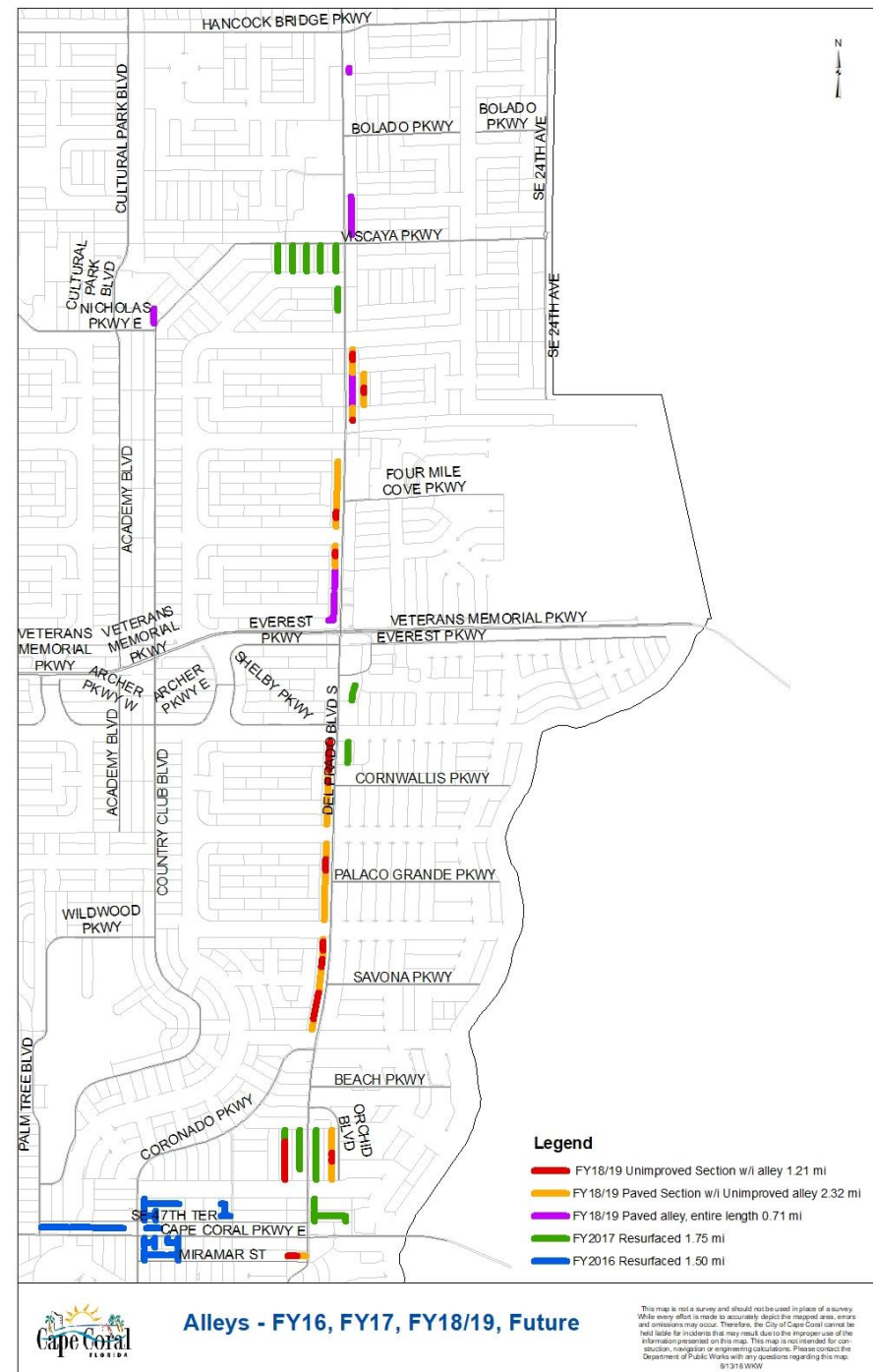
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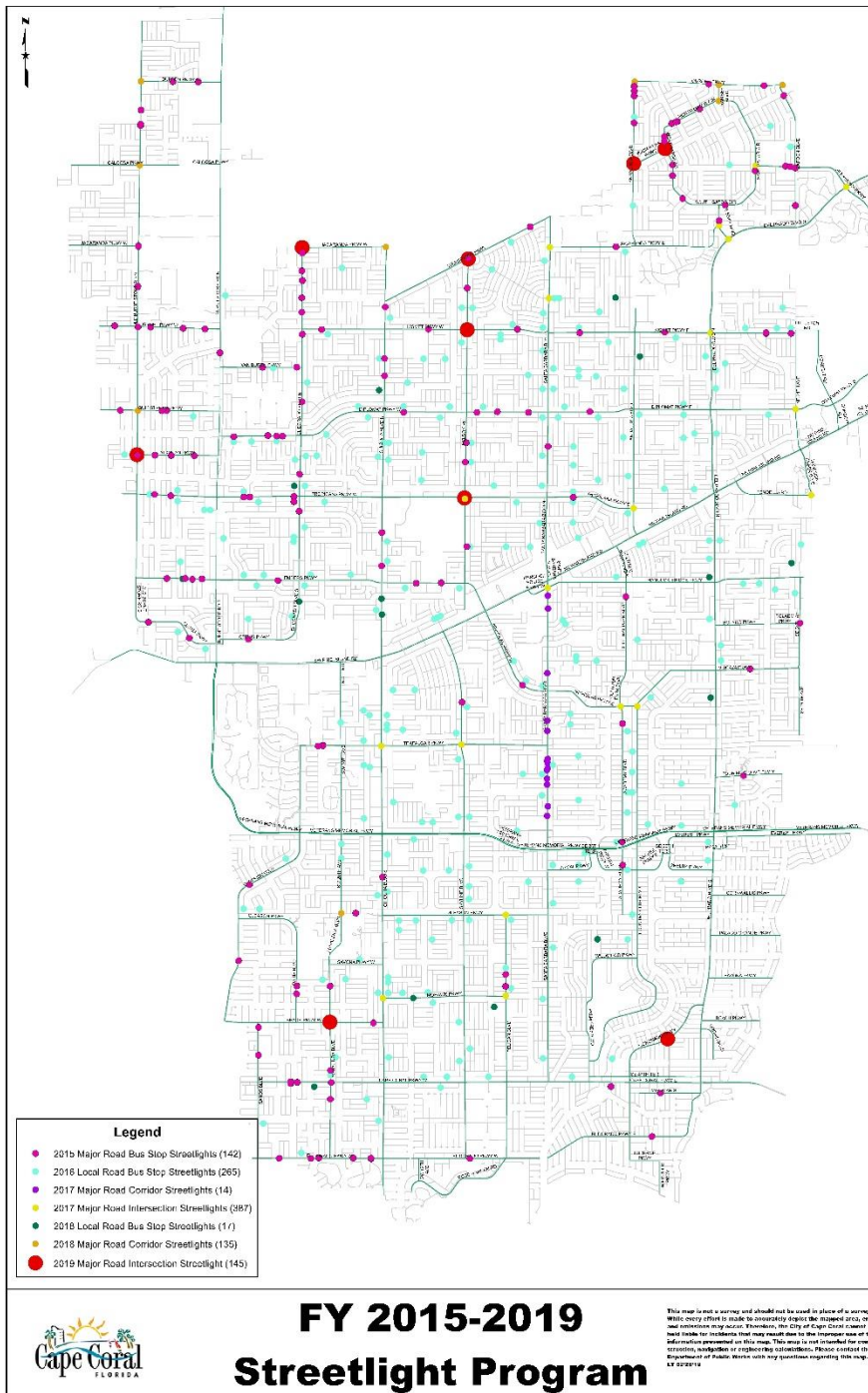
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Item Number:	5.H.
Meeting Date:	3/20/2019
Item Type:	BUSINESS

AGENDA REQUEST FORM
CITY OF CAPE CORAL



TITLE:

Alley Paving - Stephanie Smith, PW Design and Construction Manager

SUMMARY:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Description	Type
▣ Alley Paving	Backup Material

City Transportation Advisory Commission Meeting



March 20, 2019

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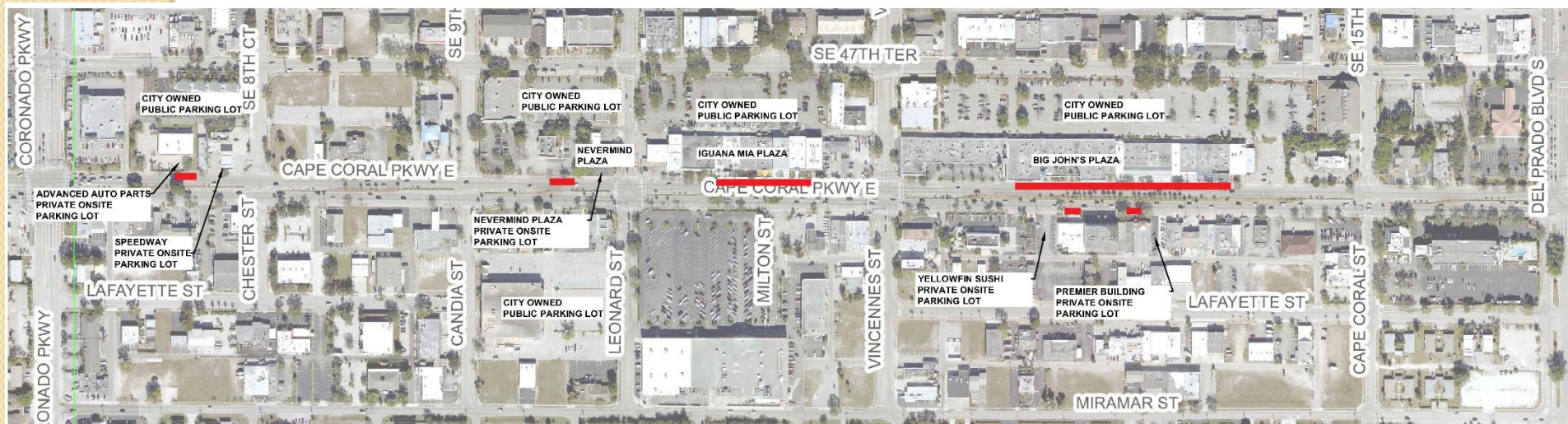
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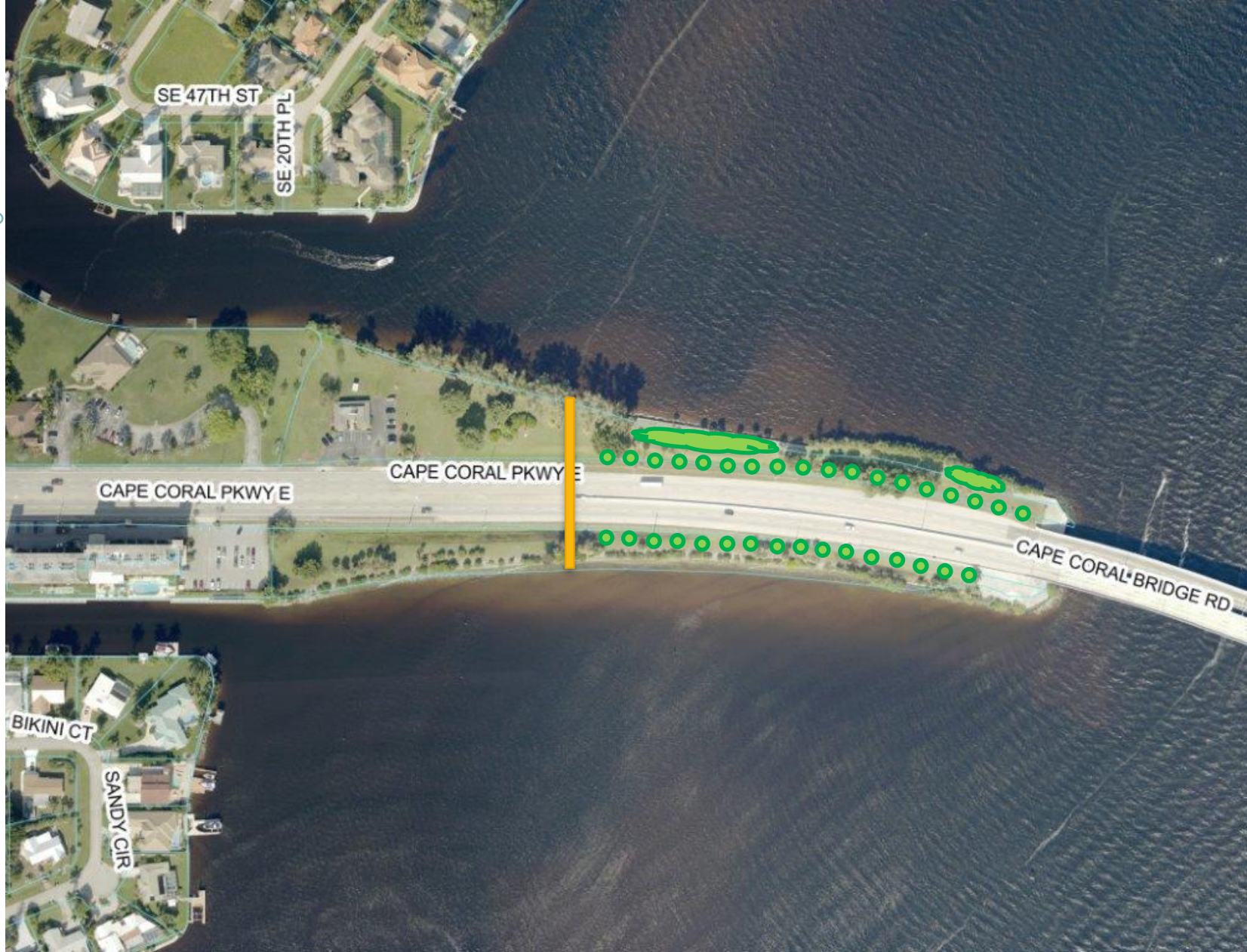


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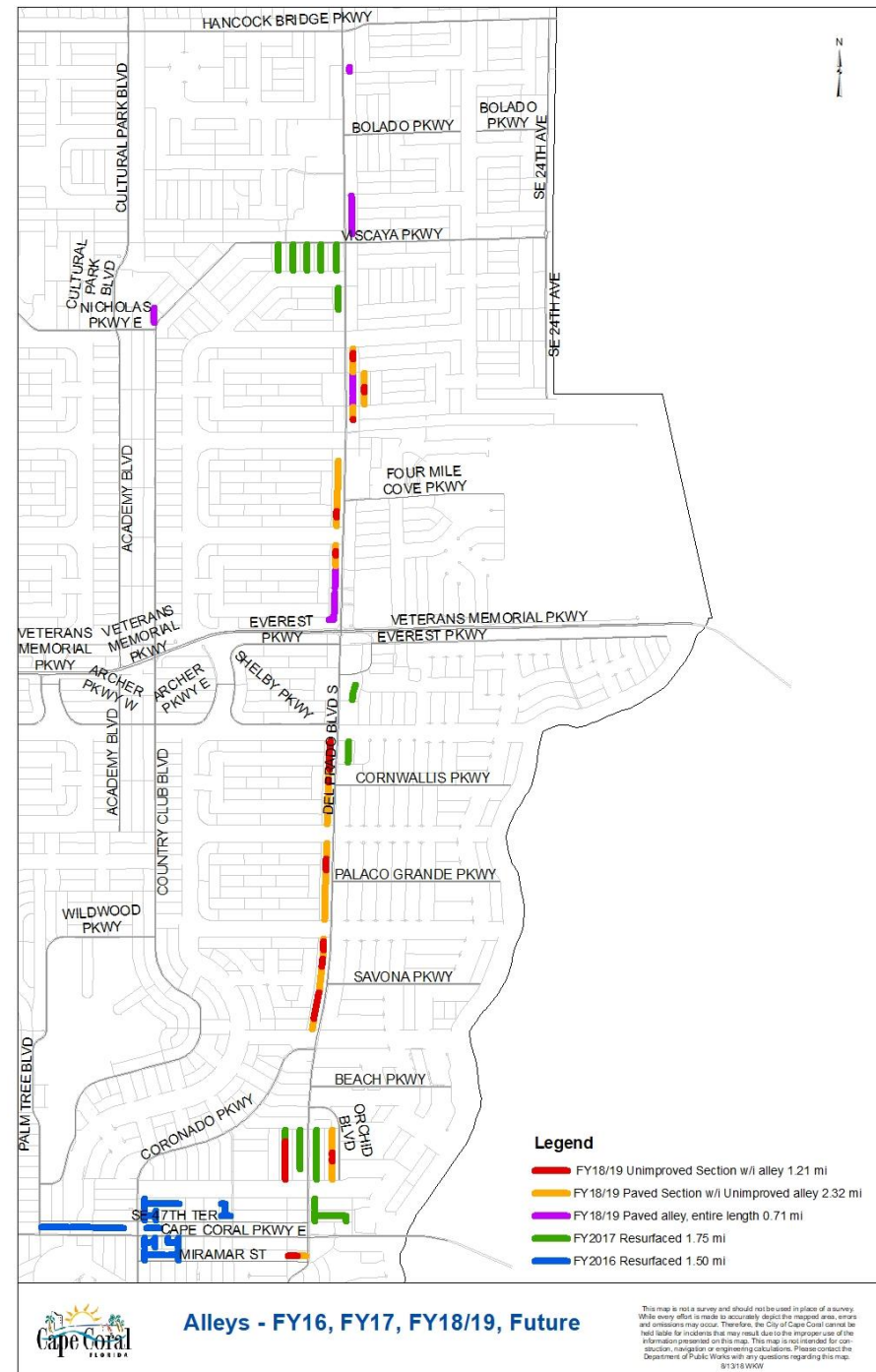
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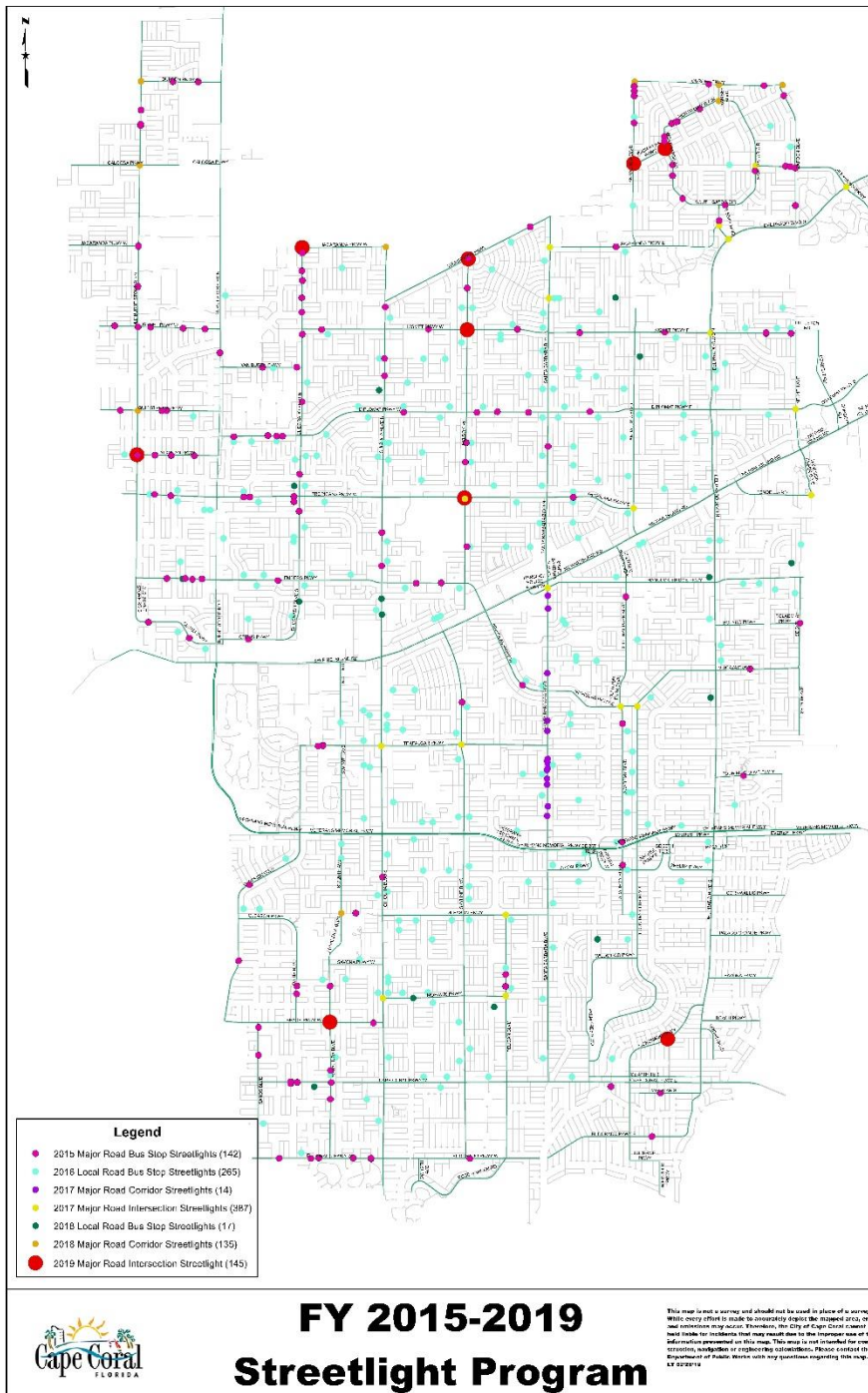
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Meeting Date:	3/20/2019
Item Type:	BUSINESS

AGENDA REQUEST FORM
CITY OF CAPE CORAL



TITLE:

Streetlight Program - William Corbett, Traffic Engineer

SUMMARY:

ADDITIONAL INFORMATION:

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City Transportation Advisory Commission Meeting



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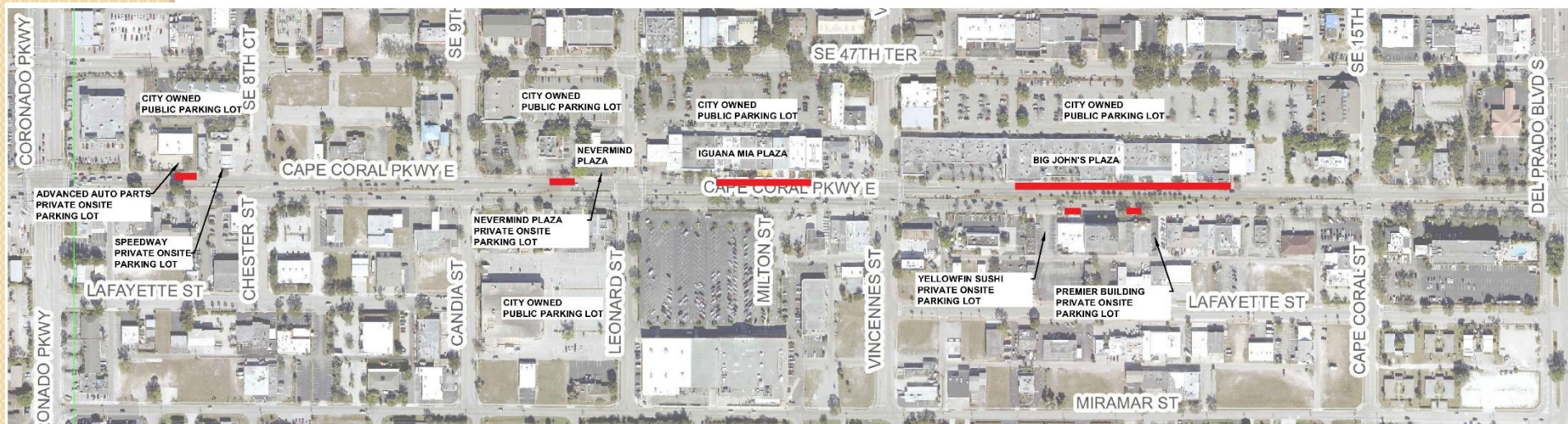
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10	Skyline Blvd Mohawk Parkway to SW 47th Terr	14700	n	n	residential	y	5,040	0.95
Notes:								
1. Priority for item 1-5 established in order of AADT, existing curbing, irrigation, residential land use, and future projects.								
2. Priority for item 6-10 also considered the number of improved lots which use the adjacent roadway segment for daily access								
3. All listed roadways except #5 Viscaya (Del Prado to SE 9th) have irrigation mains available in the public right of way.								
Viscaya (Del Prado to SE 9th) will require an irrigation main extension.								



Landscape Architect Software

Rendering Tool Examples

Example I: Before



Example I: Rendering



Example 2: Before



Example 2: Rendering





QUESTIONS?



Landscaping at CC Pkwy Bridge

Bernice Braden Park (East of Del Prado)

- The recommendations by the Stakeholder Group included enhancing landscaping at the entrance of the City to showcase the tropical environment; the “WOW” factor.
- Challenges were identified concerning the areas which are utilized for special events, notably Red, White and Boom.
- Staff worked with Parks to identify what areas can support additional landscaping.



CAPE CORAL PARKWAY – ROADSIDE OWNERSHIP
AT BRIDGE

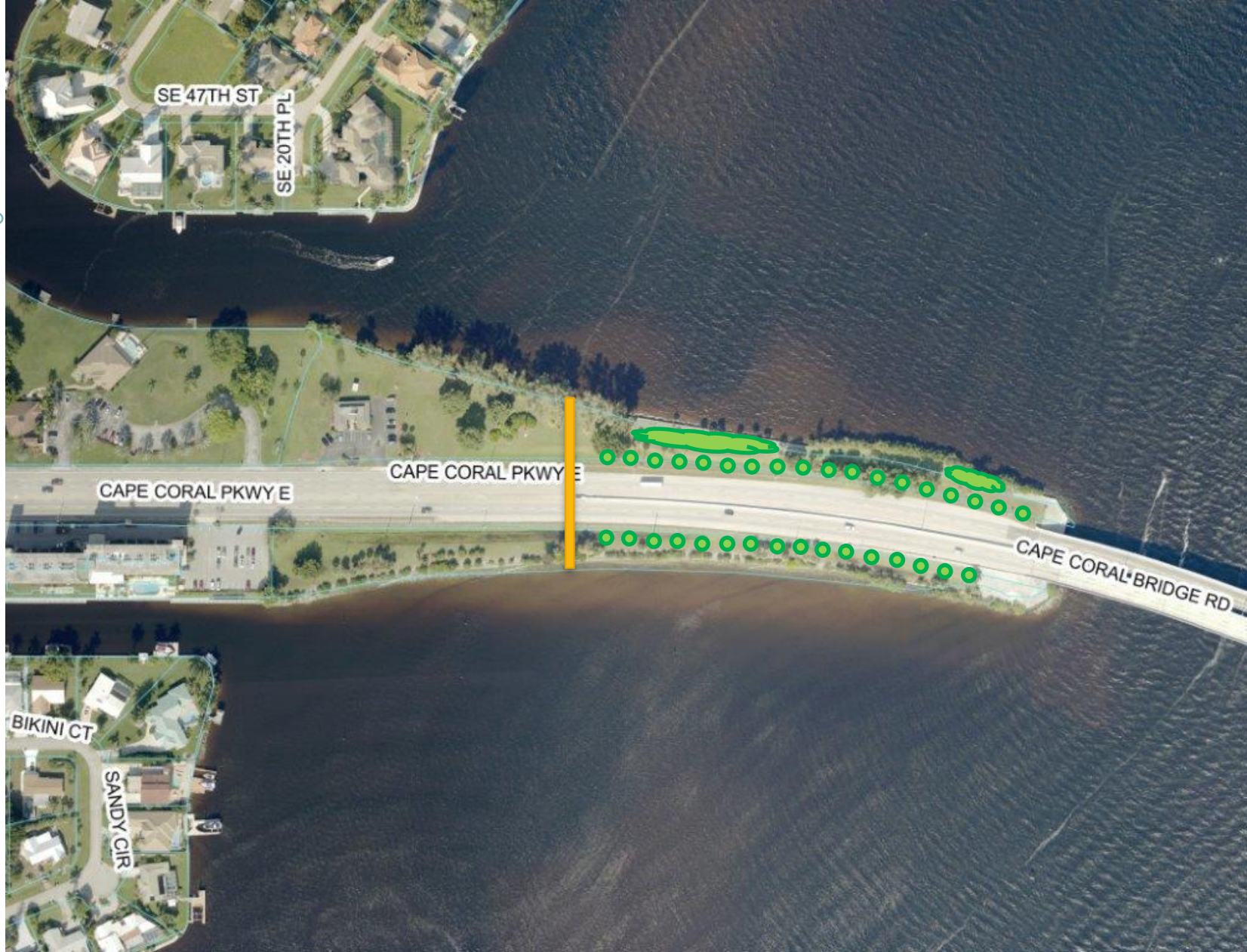


Staging area for 4 yard
Dumpsters

- Snow Fencing
- Vendors
- French Barricade
- Front Truss
- Bathrooms
- Generators
- Chain Link Fence
- Pole Tents
- Bleachers
- Picket Fence
- Beer Wagon/ Ice Truck
- Entertainment RV
- 6yd Dumpsters



CAPE CORAL PARKWAY – SPECIAL EVENT PLAN



CAPE CORAL PARKWAY – ROADSIDE AT BRIDGE



QUESTIONS?

Alley Paving Program Update

- Approximately .71 miles of alley remaining to be resurfaced that meets the initial criteria of being completely paved from cross-street to cross-street.
- Estimated cost is \$150,000.
- Survey work complete.
- Scope of services for resurfacing with PW cost estimate is under review with Procurement for posting of bids from contractors.

Alley Paving Program Update

- Approximately 3.25 miles of alleys along Del Prado and in the CRA could not be resurfaced because of 1.2 miles of unimproved gaps between paved sections.
- Estimated construction cost \$2.55 Million.
- Staff developing a scope of services for paving and drainage design. Working with the Utilities Dept. to determine if any upgrades are needed.

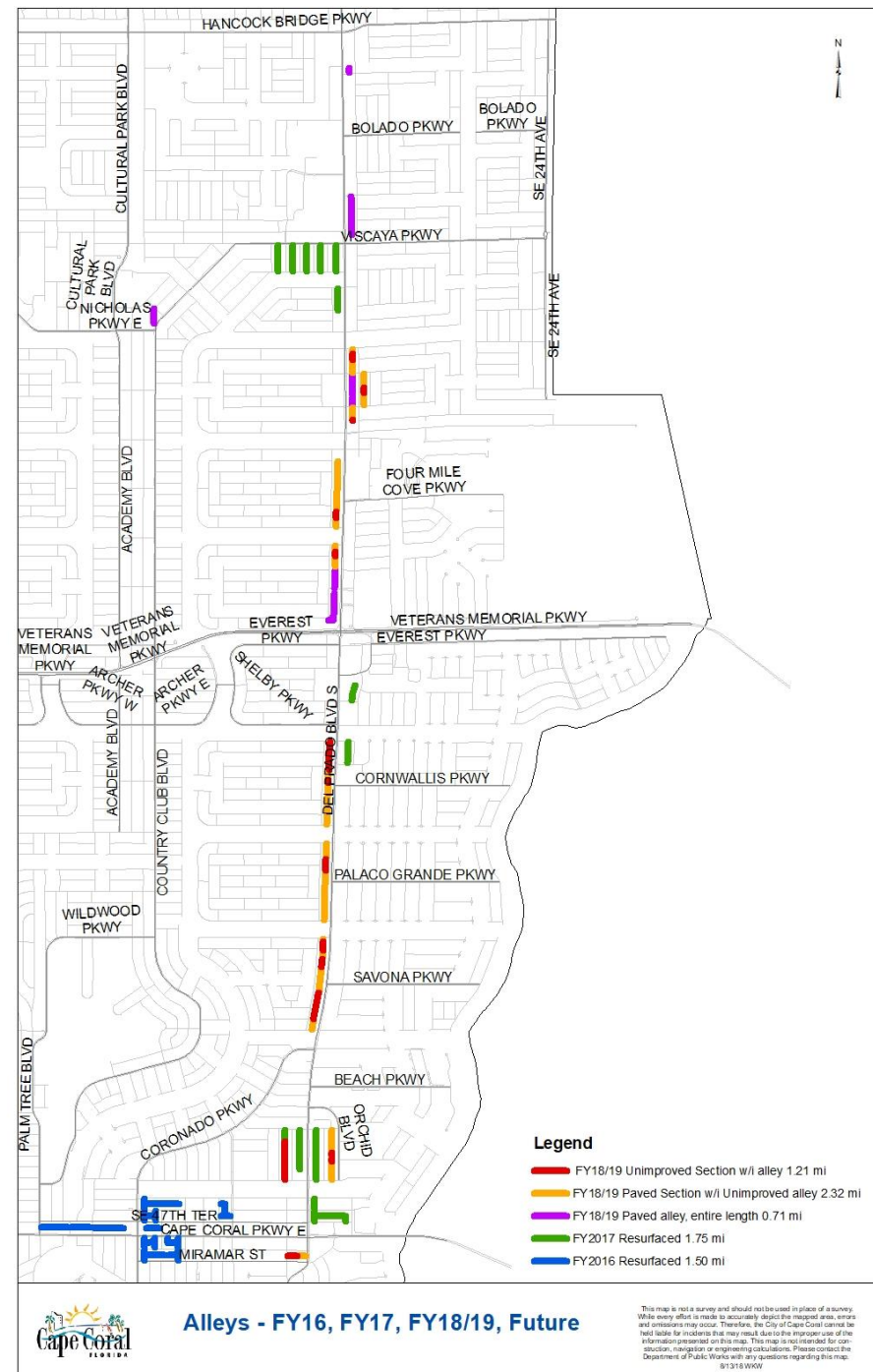
Alley Paving Program Update

- Procurement to issue a request for proposals (RFP) from engineering companies for the design work. Anticipated issuance in May with SAC meeting in June.
- Upon completion of the design and more accurate cost estimate, staff will request direction from City Council regarding funding. Options are the City fund the paving and drainage work or create a Special Assessment program.

Alley Paving Program Capital Fund

- Current FY 2019 Balance: \$1,406,000
 - Requested \$520,000/yr for FY 2020-2024.
- Estimated costs:
 - \$150,000 for FY 2019 resurfacing.
 - \$300,000 for design services.
 - \$2.55 Million for construction.
- Expect sufficient funding by 2022 to complete the alley construction if Council continues to provide funding.

Alley paving: completed and future





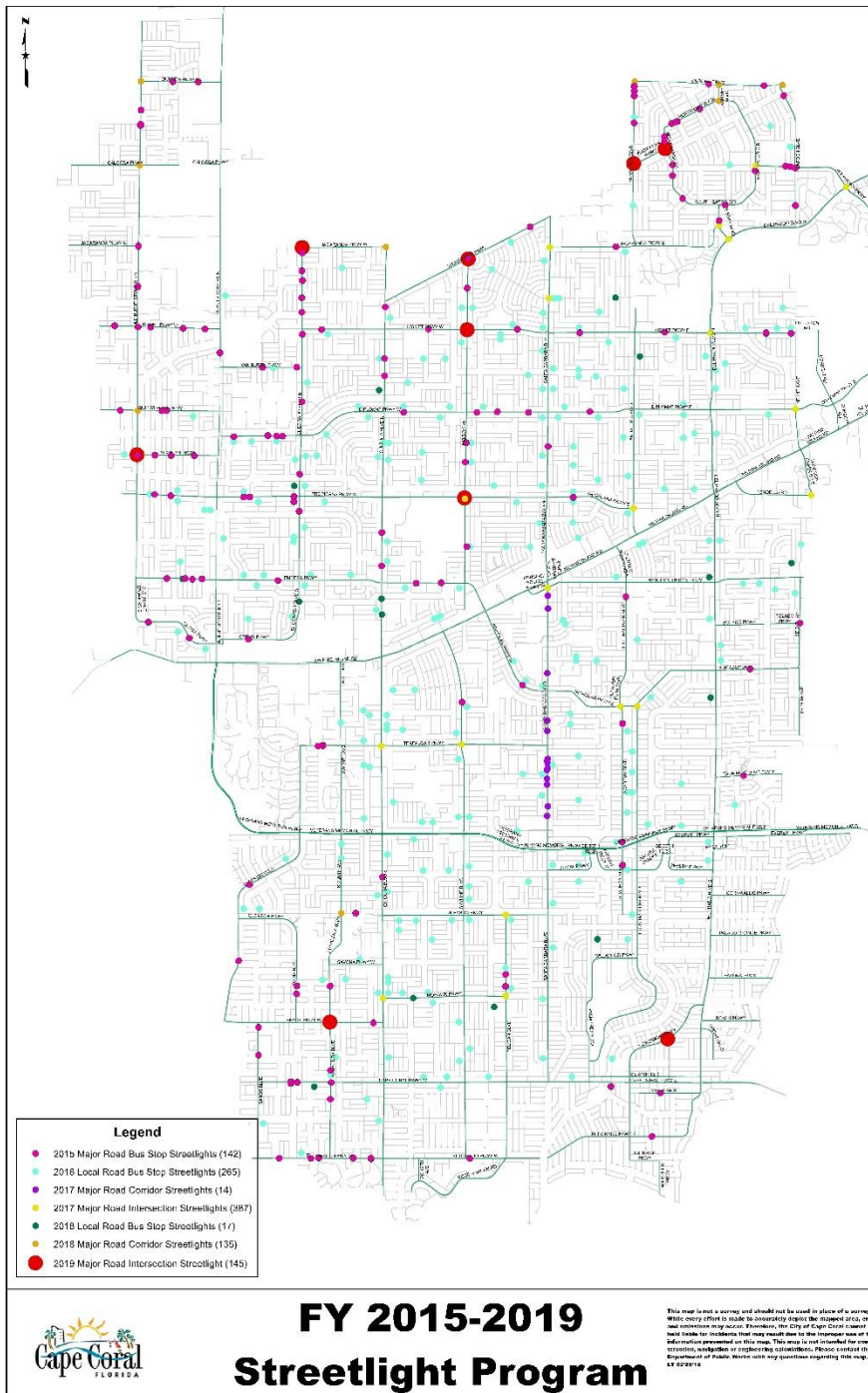
QUESTIONS?

Streetlight Program

- Since FY 2015, \$100,000 is budgeted annually from the General Fund for the Street Light Program. The program is managed by PW and street lights are installed according to the priorities previously set by City Council. These high priority locations include:
 - **Priority I:** Semi-permanent School Bus Stops with stops before or after daylight hours (Completed in FY 2016, with only a few added annually)
 - On divided roadways with higher speeds
 - On local roads
 - Semi-permanent bus stops are those which are used year after year. This list is provided annually by the Lee County School District and City of Cape Coral Charter Schools.

Streetlight Program

- **Priority 2** : Major Road Intersections (Started in FY 2017)
 - Intersections are prioritized based on traffic volumes, night time crashes and existing lighting.
- **Priority 3** : Major Road Segments (Expected start FY 2020)
- Currently, PWV is still working on Priority 2, Major Road Intersections. Staff has requested quotes from LCEC for multiple major road intersections this year and once received, will evaluate the quotes to install as many lights as possible utilizing the available budget.





QUESTIONS?

Item Number:	5.J.
Meeting Date:	3/20/2019
Item Type:	BUSINESS

AGENDA REQUEST FORM
CITY OF CAPE CORAL



TITLE:

Citywide Welcome Signs - William Corbett, Traffic Engineer and Maureen Buice, Public Information Specialist

SUMMARY:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Description	Type
▣ Citywide Welcome Signs	Backup Material

City of Cape Coral “Welcome” Sign Examples



March 20, 2019

Existing Welcome Signs



CAPE CORAL BRIDGE

Existing Welcome Signs



MIDPOINT BRIDGE

Existing Welcome Signs



Del Prado Blvd. North

Existing Welcome Signs



Del Prado Blvd. North

Existing Welcome Signs



MIDPOINT BRIDGE AND HANCOCK BRIDGE PARKWAY

Welcome Signs Other Communities



Tier I

Welcome Signs Other Communities



Tier I

Welcome Signs Other Communities



Tier I

Welcome Signs Other Communities



Tier I

Welcome Signs Other Communities



Tier I

Welcome Signs Other Communities



Tier I

Welcome Signs Other Communities



Tier 2

Welcome Signs Other Communities



Tier 2

Welcome Signs Other Communities



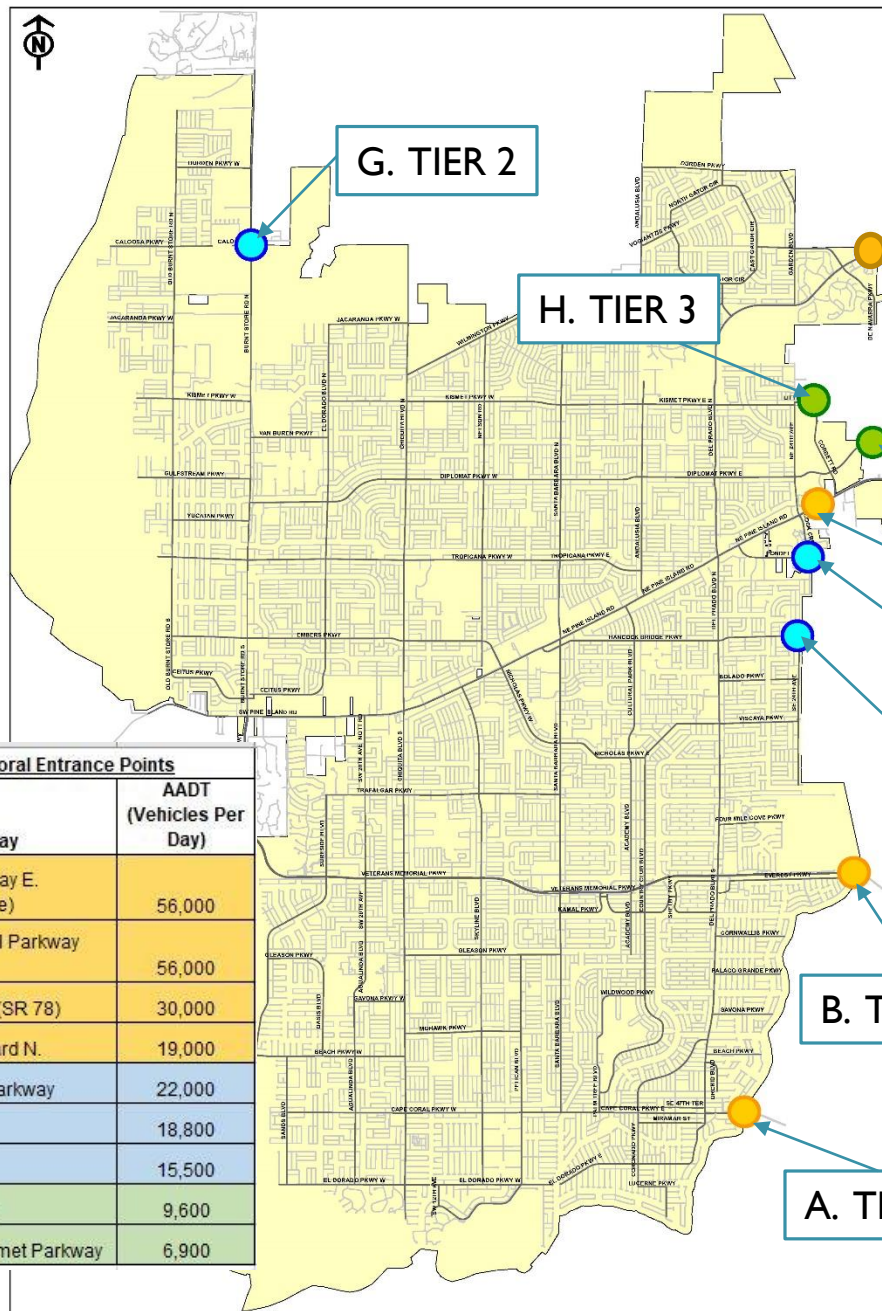
Tier 3

Welcome Signs Other Communities



Tier 3 – Example of in-house capability

City of Cape Coral Entrance Points		
	Roadway	AADT (Vehicles Per Day)
A.	Cape Coral Parkway E. (Cape Coral Bridge)	56,000
B.	Veterans Memorial Parkway (Midpoint Bridge)	56,000
C.	Pine Island Road (SR 78)	30,000
D.	Del Prado Boulevard N.	19,000
E.	Hancock Bridge Parkway	22,000
F.	Pondella Road	18,800
G.	Burnt Store Road	15,500
H.	Diplomat Parkway	9,600
I.	Littleton Road/Kismet Parkway	6,900



Welcome Sign

Potential Costs

- The cost of signs varies greatly depending upon:
 - Sign Size and Type
 - Construction material
 - Level of decorative elements
 - Landscaping
 - Lighting
 - Irrigation
- The cost for signage ranges from:
 - Tier 1 - \$35,000 to \$100,000 Plus
 - Tier 2 - \$3,500 to \$15,000
 - Tier 3 - \$300 to \$1,500
- There are also annual costs for maintenance, irrigation and electricity.



Questions?

Item Number:	5.K.
Meeting Date:	3/20/2019
Item Type:	BUSINESS

AGENDA REQUEST FORM
CITY OF CAPE CORAL



TITLE:

Burnt Store Road Improvements - Persides Zambrano, PW Planning and Permitting Manager

SUMMARY:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Description	Type
▣ Status Burnt Store Road Corridor Improvements-doc	Backup Material
▣ Lee County Burnt Store Road Map	Backup Material
▣ Charlotte County- Burnt Store Road Map	Backup Material

STATUS OF THE BURNT STORE ROAD CORRIDOR IMPROVEMENTS

Attachments: Map of Burnt Store Road Corridor in Charlotte and Lee Counties

Discussion Item: Burnt Store Road Corridor Improvements Status Report

Background

Burnt Store Road is a north/south two-lane undivided rural roadway that runs from Pine Island Road in Lee County to US 41 in Charlotte County. Capacity improvements to the roadway were recommended in the Burnt Store Road-Veterans Parkway-Colonial Boulevard Bi-County Corridor Study that was completed in 2005. The study called for widening the Burnt Store Road Corridor from two to four lanes from Pine Island Road (SR 78) to I-75 in Charlotte County. The corridor is identified as a critical evacuation route for both Charlotte County and the City of Cape Coral.

Project Development - Lee County

The Lee County DOT segmented the Burnt Store Road project into three different segments from Pine Island Road (SR 78) to Van Buren Parkway using local and Transportation Regional Incentive Program (TRIP) Funding. The Lee County South segment on Burnt Store Road project is from Pine Island Road (SR 78) to Tropicana Parkway. Construction is programmed for next year in the Lee County Capital Improvement Element and the completion is planned for the fall of 2023. The Central Burnt Store Road project is from Tropicana Parkway to Diplomat Parkway and the Construction phase is now underway and the completion is planned for the spring of 2020. The North Burnt Store Road widening to four lanes from Diplomat Parkway to Van Buren Parkway was completed last year. In addition to road capacity improvements, all three segments will include a 10' shared use path on the east side, a sidewalk on the west side, and bike lanes. The remainder of the Burnt Store Road project in Lee County from Van Buren Parkway to the Charlotte County line is programmed for a Project Development & Environment Study (PD&E) that will start next year.

Project Development - Charlotte County

In Charlotte County, capacity improvements include four-laning, with the addition of bicycle lanes and sidewalks on Burnt Store Road from the Lee County line to US 41, divided into three phases. Phases I and III of Burnt Store Road are complete. Phase III is from the Lee County Line to a point north of Zemel Road and Phase I from south of Notre Dame Blvd. to US 41.

Phase II from south of Zemel Rd to a point north of Notre Dame Blvd is listed for construction in the MPO's Long Range Transportation Plan (LRTP) and the Charlotte County CIP. Construction plans are 100% complete for this portion. The County is working through the permitting process with SWFWMD for handling storm water retention and run-off and is 100% complete. Right of Way (ROW) acquisition is underway and a court date is scheduled for February 28, 2019 for land acquisition. Construction funds are programmed in the current Charlotte County budget. In the recent FDOT Draft Tentative Work Program, \$1,000,000 in TRIP funds have been programmed for Construction in FY 2018/19. Charlotte County is requesting \$5 million

towards TRIP in the upcoming Project Priorities. The updated cost for construction of this project is \$30.4 million.

The section of North Jones Loop Road from US 41 to Piper Road is also part of the Corridor Study as it connects the Corridor to I-75 and Piper Road. The six-laning of the North Jones Loop Road section is in the Charlotte County-Punta Gorda MPO's TIP for a PD&E. The FY 2020-2024 FDOT Draft Tentative Work Program \$1,220,000 advanced the PD&E Study to FY 2019/2020.

Recommendation

At the April 12, 2012, Joint Lee/Charlotte County-Punta Gorda MPO meeting, it was agreed that the Burnt Store Road Corridor is a regional road that is critical to evacuation efforts for Lee and Charlotte Counties. Both Counties have identified funds to complete significant segments of the roadway expansion in the Corridor but more remains to be done. The MPO Boards agreed to make completion of the needed improvements the annual Joint TRIP project priority submitted to FDOT until completion of all segments of the roadway. FDOT should continue to work with the respective County, City and MPO staffs to complete all segments.

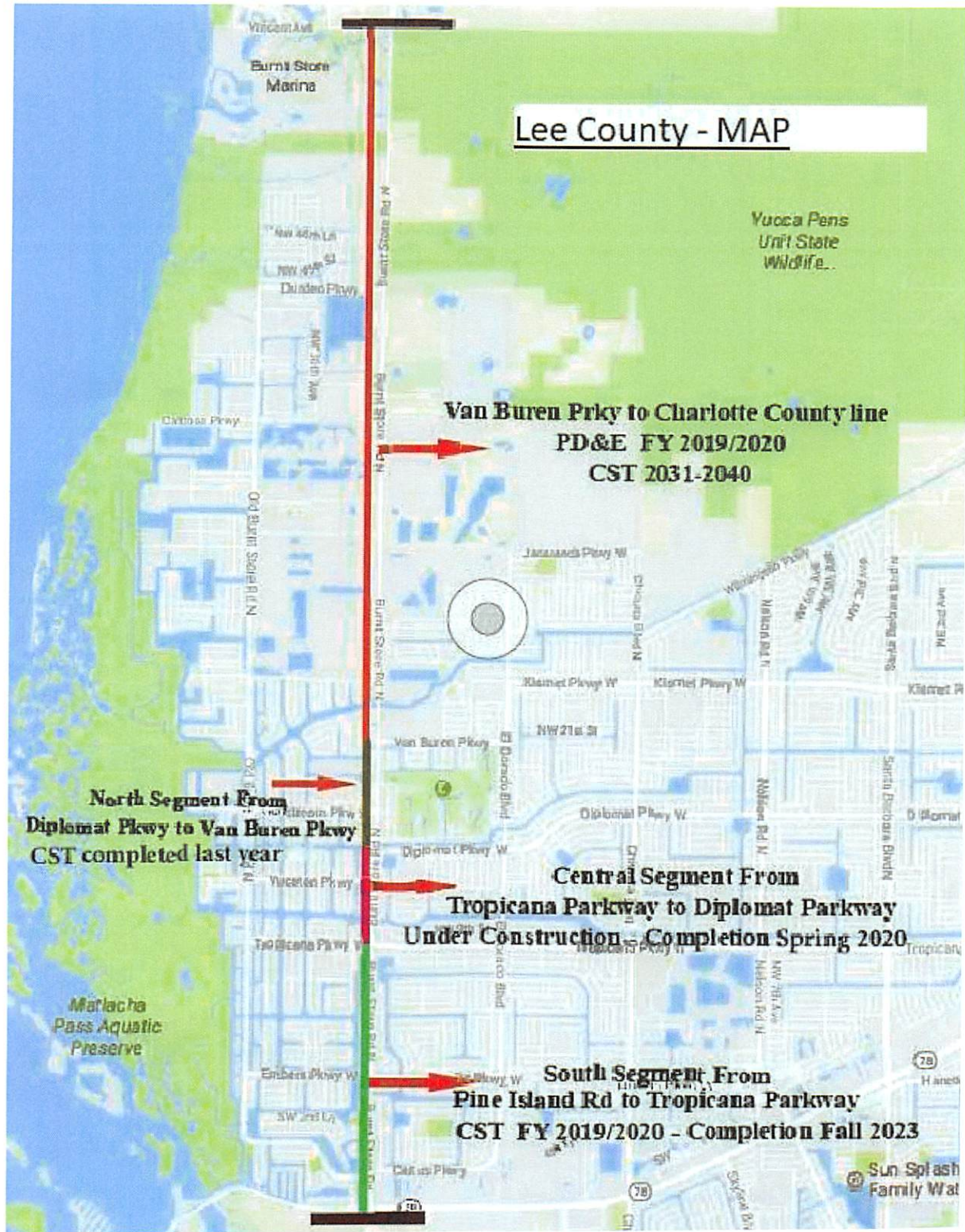
Lee County - MAP

Van Buren Prky to Charlotte County line
PD&E FY 2019/2020
CST 2031-2040

North Segment From
Diplomat Pkwy to Van Buren Pkwy
CST completed last year

Central Segment From
Tropicana Parkway to Diplomat Parkway
Under Construction - Completion Spring 2020

South Segment From
Pine Island Rd to Tropicana Parkway
CST FY 2019/2020 - Completion Fall 2023





Item Number:	5.L.
Meeting Date:	3/20/2019
Item Type:	BUSINESS

AGENDA REQUEST FORM
CITY OF CAPE CORAL



TITLE:

MPO Issues - Persides Zambrano, PW Planning and Permitting Manager

SUMMARY:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Description	Type
▢ MPO Issues 2019-03-22 Agenda	Backup Material

Lee MPO
Friday March 22, 2019
9 00 AM
Lee County Administration East Building
2201 Second Street, Room 118
Fort Myers, FL 33901

Agenda Item	Comments
7 Follow up on the SR 80 Sidewalk Project from Shoreland to Buckingham Road	<ul style="list-style-type: none">▪ FDOT allocated \$2.7 million for construction of this 6.8-mile sidewalk project• If deleted by MPO, only \$222,000 could come back to Lee County• The \$222,000 could be used to design three sidewalk projects in Lee County including sidewalks on SW Santa Barbara Place (from north of Veteran's to Nicholas Parkway)• Bike-Ped Committee, TAC and CAC are recommending keeping the SR 80 Sidewalk project as planned