



1015 Cultural Park Blvd.
Cape Coral, FL 33990

AGENDA

Transportation Advisory Commission

May 12, 2021	9:00 AM	Council Chambers
---------------------	----------------	-------------------------

1. Meeting called to order

- A. Chair Gunter
- B. Pledge of Allegiance

2. ROLL CALL

- A. Gunter, Hayden, Nelson, Sheppard, Welsh, and Alternate Williams

3. CHANGES TO AGENDA/ADOPTION OF AGENDA

4. APPROVAL OF MINUTES

- A. Meeting Minutes - February 17, 2021
- B. Meeting Minutes - April 9, 2021

5. PUBLIC INPUT

**Input of citizens on matters concerning City Government;
3 minutes per individual.**

6. BUSINESS

- A. Rose Garden and Chiquita Boulevard Median Landscaping Design Update- William Corbett, Traffic Engineer and Stephanie Smith, PW Design and Construction Manager
- B. Top 10 Priority List For Median Improvements- Stephanie Smith, PW Design and Construction Manager
- C. MPO Issues- Persides Zambrano, PW Planning and Permitting Manager

7. OLD BUSINESS

8. MEMBERS COMMENTS

9. Time and Place of Next Meeting

- A. The next Transportation Advisory Commission meeting will be held on Wednesday, June 16, 2021, at 9:00 a.m. in Council Chambers.

10. 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:	4.A.
Meeting Date:	5/12/2021
Item Type:	APPROVAL OF MINUTES

**AGENDA REQUEST
FORM**
CITY OF CAPE CORAL



TITLE:

Meeting Minutes - February 17, 2021

SUMMARY:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Description	Type
▢ Meeting Minutes - February 17, 2021	Backup Material

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

Wednesday, February 17, 2021

Council Chambers

1:00 p.m.

Meeting called to order by Chair Gunter at 1:00 p.m.

Pledge of Allegiance

ROLL CALL: Commission Members Gunter, Hayden, and Sheppard were present. Commission Member Williams and Alternate Cosden were excused.

Also Present: Rob Hernandez, City Manager
Persides Zambrano, PW Permitting and Planning Manager
Stephanie Smith, PW Design & Construction Manager
Max Spann, Design and Construction Manager, CPH Consultant

CHANGES TO AGENDA/ADOPTION OF AGENDA

Chair Gunter asked if anyone had any changes to the agenda. There were none.

Commission Member Hayden moved, seconded by Commission Member Sheppard, to adopt the Agenda, as presented. Voice Poll: All "ayes." Motion carried.

APPROVAL OF MINUTES

Approval of Meeting Minutes - December 9, 2020

Commission Member Hayden moved, seconded by Commission Member Sheppard, to approve the minutes from the December 9, 2020 meeting, as presented. Voice Poll: All "ayes." Motion carried.

PUBLIC INPUT

Don Apking, Southwest Cape Coral Action Committee Homeowners Association, wanted to thank Jeff Pearson for removal of a pipe that was located on the Birch Canal and has made navigation better. He further stated the Homeowners Association was behind the Adopt-A-Median Program and they are looking for sites to place at least 1,000 feet down in parts of the Southwest in the hopes that the Community will see the work and create enthusiasm for the Program. They are seeking partners in the business community and private sector for this project. He spoke with John Castle and submitted questions and also spoke with Councilmember Sheppard. He requested a photograph of a plat in

development to use as a marketing program. They hope to obtain photographs of the completed project for the news media in the hopes of creating enthusiasm for the project. They welcome any suggestions from the City Council and look forward to working with the City of Cape Coral to make the Adopt-A-Median Program a success.

Chair Gunter thanked Mr. Apking for his input.

NEW BUSINESS

Discussion on Current Chair and Election of Vice Chair

Chair Gunter opened the floor for nominations for Vice Chair and inquired if the Commission wanted to discuss the position of the current Chair.

Commission Member Hayden nominated Chair Gunter to remain Chair.

Chair Gunter responded in the affirmative and nominated Commission Member Hayden as Vice Chair.

Commission Member Sheppard moved, seconded by Commission Member Hayden, to appoint Commission Member Gunter as the Chair and Commission Member Hayden as Vice Chair.

Commission polled as follows: Gunter, Hayden, and Sheppard voted "aye." All "ayes." Motion carried 3-0.

Lee County Draft Transportation Capital Improvement Plan **Persides Zambrano, PW Permitting and Planning Manager**

PW Permitting and Planning Manager Zambrano updated the Commission with the following PowerPoint presentation from the February 2, 2021 meeting of the Board of County Commissioners. This presentation encompassed a draft of the projects for discussion for the criteria for project prioritization and selection within the next five years. The presentation continued as follows:

- Transportation Revenues – Do you Agree?
- Transportation Revenues – Primary Transportation Revenue Sources
- 2015 – Transportation Project Prioritization
- Ranking Criteria
- Original Priorities
- Current Tier One Projects
- Completed Projects
- Suggested Additions
- Other Suggested Adjustments
- Other Suggested Adjustments

- Proposed Tier One Projects
- Proposed Tier Two Projects
- Proposed Tier Three Projects
- Questions

Discussion held regarding:

- Overpass/flyover at Colonial Boulevard and Summerlin Road
- Toll funds – billing system versus toll operators
- Cape Coral Westbound Bridge replacement scheduled for 2027
- Possible workshops between the Lee County Commissioners and Cape Coral Council regarding the design of the bridge projects
- Date for workshop for discussion of priorities and issues of interest between Lee County Commissioners and Cape Coral City Council has not yet been set

Chair Gunter stated it would be beneficial to have a workshop with the Lee County Commissioners to discuss the needs and wants of the City of Cape Coral and Lee County, preferably prior to the design phase.

Manager Zambrano will work with City Manager Hernandez and Public Works Director Clinghan to facilitate a workshop.

Chair Gunter stated he attended the MPO Executive Committee Meeting and inquired if Staff attends.

Manager Zambrano responded that they usually do not attend, however, if requested, they will attend.

Chair Gunter stated the City of Cape Coral will be eligible for \$3.25M from the Federal Cares Act. The discussion at the meeting was to try to identify a project that was on the list, and possibly move that project through. He would like input from City Staff. He further stated that the \$3.25M is given to cities with a population of 200,000 or more and Cape Coral is the only City that qualifies for that within Lee County. He would like to work with the MPO as well to determine what project could possibly be moved forward.

Manager Zambrano informed Chair Gunter that she will look into it.

MPO Update

Persides Zambrano, PW Permitting and Planning Manager

PW Permitting and Planning Manager Zambrano provided an MPO Update and PowerPoint presentation as follows:

- Joint Charlotte County-Punta Gorda/Lee Metropolitan Planning Organization Board Meeting on Friday, February 19, 2021 at 10 a.m.

- FDOT – Tentative Five-Year Work Program – FY 2022 thru FY 2026

Manager Zambrano reviewed the following:

- Several construction projects in the pipeline
- Sidewalk Projects - working with FDOT on the North-1 UEP area to complete UEP and then complete the sidewalks
- SUN-Trail – Will receive funding for Phase II
- Bridge Replacement – Funding received through an FDOT Grant Program for FY 2024 for design and FY 2026 for construction
- Other Improvements Benefiting Cape Coral such as SR-78 Resurfacing from Chiquita Boulevard to Santa Barbara Boulevard and a Bike Path from Veterans Parkway to Stringfellow Road
- FDOT will pay for the Bike Path which is in front of D&D Marina and a meeting is being coordinated with the City of Cape Coral
- \$10M will be provided by the City of Cape Coral and \$20M from outside funding

Chair Gunter inquired if some of these projects would qualify for the \$3.25M.

Manager Zambrano stated she would reach out to the MPO to determine if some of these projects would qualify.

Commission Member Sheppard stated he was made aware of a potentially dangerous situation on SW 32nd Street between Chiquita and Surfside. He discussed traffic challenges and incidents. He requested Staff look into possibly adding sidewalks for the safety of the children on that route.

Manager Zambrano stated Staff will look into the issue and report back to the Commission.

Chair Gunter inquired as to when the eastbound turning lane project on Cape Coral Parkway and Del Prado would begin.

Manager Smith responded that the design was in process and when completed it would be sent to bid.

OLD BUSINESS

Median Landscaping Design Update

**Stephanie Smith, PW Design and Construction Manager and
Max Spann, CPH Consultant**

Manager Smith updated the Commission as follows:

- Cape Coral Rose Garden Road & Chiquita Boulevard Streetscape
- Median Landscaping Improvement Project Map Five Year Plan – FY 2021-2025

Manager Smith further stated that several items on the list have been completed and the Rose Garden Road & Chiquita Boulevard improvements are approximately 60% planned.

Max Spann, CPH Consultant, continued with the PowerPoint presentation as follows:

- Median Landscaping Design Themes/Median Landscaping Intensity Levels
- Table 212.11.3 Minimum Tree Spacing
- Proposed Landscape Plan, Rose Garden Road - Mixed Medium Intensity (Example)
- Aerial of Rose Garden Road – 2 slides
- Landscape Data – Rose Garden Road
- Photographs of Plantings for Rose Garden
- Median from Construction Documents – current photograph

Mr. Spann requested input from the Commission regarding the FDM 2 (FDOT Design Manual) standards regarding trees on the medians. He stated direction would be needed to move from 60% to obtaining bids.

Commission Member Sheppard stated citizens would be pleased at adding to the medians but not pleased with the removal of mature trees. He inquired as to the width of the median.

Mr. Spann responded approximately 20-21 feet wide.

Manager Smith discussed sight distance criteria for the right of way. She further stated they have adopted the ADA criteria for trees and other improvements in the medians. As the median is improved, they must look at the existing conditions and it may be necessary to remove mature trees. When possible, curbing may be installed to save mature trees.

Commission Member Hayden inquired if the determination was based on one incident.

Manager Smith stated action would not be taken unless there was a continual problem. It is based on ADA criteria and when medians are improved, the criteria must be followed.

Commission Member Sheppard inquired if there were things that could be altered to keep the mature trees and still comply with criteria.

Discussion held regarding:

- Moving the existing trees
- Cost of curbing versus landscaping
- Age of the trees and ability to transplant

Commission Member Sheppard asked if a licensed arborist was consulted.

Manager Smith stated they have obtained costs from contractors regarding moving a tree versus a new tree.

Commission Member Sheppard stated an expert opinion was needed to determine the feasibility of moving the trees and there are alternatives to curbing. He further stated other communities have accomplished this and stayed within the guidelines of the law.

Discussion held regarding variances, communication with Staff, and determination of which standard will be followed.

Chair Gunter inquired as to the differences between the FDM Standard and the Florida Green Book Standard.

Mr. Spann responded FDM is the FDOT standard for an FDOT roadway and the Florida Green Book Standard is for residential streets, streets owned and maintained by the City, and streets that aren't within a state-controlled jurisdiction or authority.

Chair Gunter inquired if the Florida Green Book was less restrictive.

Mr. Spann responded in the affirmative.

Chair Gunter further inquired if this was an FDOT street.

Mr. Spann responded it was not.

City Manager Hernandez left the meeting at 1.55 PM

Chair Gunter stated that if it is not an FDOT street, it appears the Florida Green Book Standard could be used.

Discussion held regarding the following:

- Utilization of the Florida Green Book Standard in the design process
- More trees and less shrubs in the design
- Maintenance of the plantings

Commission Member Sheppard inquired if clusters could be used rather than rows of Palms, trees, or small plants. He further stated the design of Rose Garden Road should match the natural landscaping of the surrounding area.

Manager Smith inquired of the Commission the following:

- Is a high intensity design preferred as opposed to a medium intensity design?
- A high intensity design would increase cost approximately \$400k per mile.
- Should they increase the number of trees based on the criteria or keep the design as is?

- High intensity Hancock Bridge Parkway had a cost of just under \$800k for under 2 miles

Discussion held regarding the following:

- Ability to form clusters on a 20-foot wide median
- Establishing a quality design with budget
- Hancock Bridge Parkway Project
- Consultants to provide creative options to the Commission and Staff

Chair Gunter inquired as to why a Mixed Theme was being used if the areas south of Cape Coral Parkway had been identified as a Tropical Theme.

Mr. Spann responded he believed it was determined that Rose Garden matched their Mixed Theme.

Manager Smith stated that the templates were approved by the Commission last year, and they wanted to provide an update and obtain direction from the Commission regarding the intensity level.

Chair Gunter inquired if the Commission approved the design for a Tropical Theme at Medium Intensity.

Manager Smith responded in the affirmative.

Chair Gunter stated 18 months was spent working on the project to identify what should be done. The road was identified as a Tropical Theme and Medium Intensity. Staff would need to come before the Commission to request a change. At 60% with a Mixed Theme and Medium Intensity, do they now need to begin again to bring back a Tropical Theme at Medium Intensity?

Manager Smith stated the change to a Tropical Theme would not be difficult and more trees could be added to bring it to High Intensity.

Chair Gunter inquired what the difference in spacing between the trees would be if the Florida Green Book Standard were followed.

Mr. Spann stated he would provide the information to the Commissioners.

Chair Gunter inquired if it would be approximately 30 feet.

Manager Smith stated only one, maybe two more trees would need to be added to the section in question.

Discussion held regarding cost to date and modifications to the original plan.

Mr. Spann reviewed the following:

- Determination of the average width of medians and turn lanes in Cape Coral
- Template style utilized in the presentation
- 105 ft. spacing was utilized for the large trees which are 11 inches in diameter
- 30 ft. spacing was utilized for the small, ornamental trees
- A 35-mph design speed was utilized
- Flexibility with the Florida Green Book Standards

Commission Member Sheppard informed Mr. Spann that a 35-mph median on Chiquita Boulevard was completed utilizing the Tropical Theme and Royal Palm Trees spaced 35 feet apart, mixed with various Tropical Palms.

Chair Gunter stated that the Florida Green Book Standards should be used, and it needs to be a Tropical Theme as originally identified. He would like a revised plan at the next TAC meeting and asked for renderings showing the spacing at various distances.

Commission Member Sheppard added that it needs to be within the budget and groupings within the island may be more attractive than spacing the plantings too far apart.

Mr. Spann stated he would do so.

Commission Member Hayden stated that the entire section South of the Parkway was designated for a Tropical Theme and further stated this should be used for additional medians. He added that upcoming plans must be completed as originally approved.

Manager Smith stated she understood.

Chair Gunter inquired what the budget was for Rose Garden Road and Chiquita Boulevard.

Manager Smith stated approximately \$400k per mile, and the amount in the budget was approximately \$1.5M. Rose Garden Road, Chiquita Boulevard, and Nicholas Parkway were included in the budget. They are in the process of obtaining bids for Nicholas Parkway West (Pine Island Road to Santa Barbara Boulevard). The project is primarily for repaving and water line, and it was on the priority list.

Chair Gunter asked what has been completed on the priority list.

Manager Smith stated they are within the first five. Bids will be brought to the Commission to determine if they will move forward.

Discussion regarding the following:

- Hancock Bridge Project completed – 2.5 miles, high intensity
- Cost was just under \$800k
- Chiquita Boulevard is under one mile

- Rose Garden Road is slightly over two miles
- Total of three miles for Chiquita Boulevard and Rose Garden Road
- High intensity for three miles would be approximately \$1.2M
- The Project is within Budget

Mr. Spann continued with the PowerPoint presentation as follows:

- Proposed Landscape Plan, Chiquita Boulevard – Tropical Medium Intensity (Example)
- Aerial View – Chiquita Boulevard
- Landscape Data – Chiquita Boulevard
- Landscape – 3 slides
- Thank You

Chair Gunter stated he would prefer to use more trees than shrubs.

Commission Member Sheppard agreed and stated quality, not quantity, should be utilized.

Mr. Spann responded in the affirmative.

Discussion held regarding potential design plan for Chiquita Boulevard.

Commission Member Sheppard suggested that Mr. Spann look at 47th Terrace.

Discussion held regarding plantings, maintenance, and xeriscape.

Manager Smith stated UEP North 2 now has irrigation.

Alley Design Paving Update
Stephanie Smith, PW Design and Construction Manager and
DRMP Consultant

PW Design and Construction Manager Smith presented the following PowerPoint Presentation:

- Alley Paving Program
- Unimproved Alleyway Section Map & Design
- Unimproved Alleyways – Existing Conditions
- Unimproved Alleyway Typical Section
- Plan Sheet – 7 slides
- Thank You

Manager Smith outlined the areas of resurfacing, reconstruction, costs absorbed by the City of Cape Coral, and assessments for areas in which the alleys will be built. She stated

the plans are 60% completed would be ready to receive specifications at the end of February or mid-March 2021 and then ready for bid.

Discussion held regarding:

- Budget for the project - \$1.5M
- Utility improvement cost will be separate and not assessed to the property owners
- Possible future projects and coordination between the Public Works and Utilities Departments
- Design to accommodate drainage in the alleys

MEMBERS COMMENTS

Chair Gunter requested Recording Secretary DePaula provide him with a copy of the minutes of the TAC meetings for the past 18 months.

Time and Place of Next Meeting

The next Transportation Advisory Commission meeting was scheduled for Wednesday, March 17, 2021 at 1:00 p.m. in Council Chambers.

Motion to Adjourn

There being no further business, the meeting was adjourned at 2:39 p.m.

Submitted by,

Rose DePaula
Recording Secretary

Item Number:	4.B.
Meeting Date:	5/12/2021
Item Type:	APPROVAL OF MINUTES

**AGENDA REQUEST
FORM**
CITY OF CAPE CORAL



TITLE:

Meeting Minutes - April 9, 2021

SUMMARY:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Description	Type
▢ Meeting Minutes - April 9, 2021	Backup Material

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

Friday, April 9, 2021

Council Chambers

12:30 p.m.

Meeting called to order by Chair Gunter at 12:30 p.m.

ROLL CALL: Commissioners Gunter, Hayden, and Sheppard were present. Commissioners Nelson, Welsh, and Alternate Williams were excused.

Also Present: Dolores Menendez, City Attorney
John Naclerio, Assistant City Attorney
Paul Clinghan, Public Works Director
Persides Zambrano, Public Works Permitting & Planning Manager
Stephanie Smith, Public Works Design & Construction Manager
William Corbett, Public Works Traffic Engineer

CHANGES TO AGENDA/ADOPTION OF AGENDA

Chair Gunter inquired if there were changes to the agenda. There were none.

Vice Chair Hayden moved, seconded by Commission Member Sheppard, to adopt the Agenda, as presented. Voice Poll: All “ayes.” Motion carried.

APPROVAL OF MINUTES

None.

PUBLIC INPUT

None.

OLD BUSINESS

Median Landscaping Criteria

William Corbett, Public Works Traffic Engineer

PW Traffic Engineer Corbett presented the following PowerPoint Presentation:

- Median Landscaping Criteria–City Transportation Advisory Commission
- Background
- City Engineering Design Standards
- End of Median Limited to Ground Cover
- Intersection Sight Distance (35 MPH)
- Tree Spacing and Caliper (FDOT*)

- Clear Sight Window
- Roadside Clear Zone

Public Works Director Clinghan discussed the following:

- Local, State, and Federal standards
- Florida Green Book Guide

Discussion held regarding:

- FDOT Standards and Design Manuals
- FDOT roads: Pine Island Road
- Florida Green Book (Green Book) roads: any municipal roadway
- Compliance and improvement policy to bring roadways up to standard
- Operational vs. New Maintenance
- Operational compliance requirements
- PW Standard Practice to bring median up to compliance and follow Green Book recommendation

City Attorney Menendez reviewed the following:

- Brought forward at the request of Commission Member Sheppard
- Green Book review “to touch”
- Engineering Standards adopts the Green Book
- Green Book is the guide for county and municipal roadways
- PW policy - when a median is “touched” it is brought up to the current standards
- No Fundamental disagreement
- Intentions of “implied”
- Specific State Laws in other guides
- Green Book is not explicit; explains how new roadways are built and provides guideline to address older roadway features such as medians
- Green Book is not as clear regarding older roadway improvements
- Policy for medians to be brought to Green Book standards
- Sovereign Immunity – liability scenarios – judgment calls

Commission Member Sheppard discussed the following:

- Major construction would include re-design and curbing
- Rose Garden Median does not require major construction or curbing

Director Clinghan discussed individual projects, road developments, and landscaping.

Traffic Engineer Corbett discussed the following:

- Results of consultation with outside consultants
- Areas under contract for design would be brought into compliance
- Liability for compliance is not for the company or the entity but for the Registered Professional authorizing the design such as the Professional Engineer from the

firm designing the landscape as well as Engineer Corbett and Director Clinghan. They are bound by ethical requirements of their license to insure they are providing for public safety.

Director Clinghan stated as Professional Engineers, they could lose their license.

Discussion held as follows:

- Green Book is a requirement, not a recommendation
- Required to follow the minimum in the Green Book
- Green Book is silent on certain features such as distance from edge of the median that is limited to the ground cover only; FDOT Standards is the controlling document
- The City's existing engineering design standards limit is 50 feet
- Tree spacing and caliper was limited to FDOT Standards; the Green Book indicates the FDOT should be followed on tree spacing and caliper
- Green Book is used with some nuances to the FDOT Standards
- Green Book is updated and approved by Tallahassee
- Difference between the American Association of State Highway Transportation Officials Green Book (Federal Document for every roadway in the Nation) and the Florida Green Book (an excerpt for Florida)
- Sidelines and tree canopies
- Staff policy for touring City and identifying roadway issues

Chair Gunter stated his interpretation was that "shall" is a regulation and "should" is a recommendation. He was looking for clarity on which book was being used by Staff as guidance.

Discussion held regarding:

- Shall, should, and may interpretations
- Chapter 10 of the Green Book
- Least stringent standards
- Existing curbing, turning movement, width of the median, approaches, and speed limit are factors in determining the site-specific criteria

City Attorney Menendez confirmed that the Green Book defines the following:

- Shall is mandatory
- May is permissive
- Should is a recommendation

City Attorney Menendez and Assistant City Attorney Naclerio left at 1:25 p.m.

Rose Garden and Chiquita Boulevard Median Landscaping Update
Stephanie Smith, Public Works Design and Construction Manager
William Corbett, Public Works Traffic Engineer

Director Clinghan requested direction from the Commission on how to proceed with the Chiquita Boulevard and Rose Garden Road designs. He further discussed the following:

- Mixed theme for Rose Garden Road
- Tropical Theme for Chiquita Boulevard
- Majority of trees will need to be removed, two can be saved
- Requested a motion for a Tropical Theme for Chiquita Boulevard
- Decision for Rose Garden Road and the theme for the remainder of the medians

Traffic Engineer Corbett presented the following Median Landscaping Design Themes for Rose Garden and Chiquita Boulevard:

- Map of Median Landscaping Design Themes
- Map of Median Landscaping Intensity Levels
- Tropical as approved Theme on all roadways south of Cape Coral Parkway
- Tropical as approved Theme on Rose Garden Road; roadways which were already designed would be maintained as designed
- Rose Garden Road is an existing Mixed Theme roadway
- Physical tour of the area was conducted with Mayor Gunter and Commission Member Sheppard
- Requested a motion for Chiquita Boulevard, established as a Tropical Theme, Medium Intensity and Staff will move forward with the plans with the consultant.

Commission Member Sheppard suggested remaining with the Tropical Theme on Chiquita Boulevard and does not see a need to save the two trees but requested adding Royals.

Traffic Engineer Corbett stated they will let the consultant know there should be more Royal Palms on the roadway if that is the Motion and vote by the Commission.

Chair Gunter requested the design be brought to the CTAC for final approval.

Director Clinghan responded they were at the 60 percent phase. Staff can take the recommendations, continue with the plans, and bring back to the Commission for approval. He confirmed the Commission requested more Royal Palms on some or all of the medians, and Staff could do that.

Chair Gunter stated that once the design is completed, he would like it brought to CTAC for approval.

Director Clinghan stated he would take the information for Chiquita Boulevard and Rose Garden, and he will bring the changes to the Commission prior to signing off on the work.

Chair Gunter stated that was good and he agreed with Commission Member Sheppard regarding the Royal Palms and the Tropical Theme and concurred with his recommendation.

Discussion held regarding:

- Trees available under the Tropical Theme
- 27 Palms and 4 Hardwood trees available in the Tropical Theme
- Currently 48 existing trees, 15 of which are on an adopted median
- Remaining 33 trees have 2 that are compliant and not in the Tropical Theme
- More Royal Palms and smaller palms in between
- Warm tolerant palms vs. cold tolerant palms
- Using more native palms
- Tree height and distance

Director Clinghan stated the Theme is Tropical, however, there are 29 different types of Palm Trees, and his understanding was that the Commission wants more Royal Palms and smaller palms placed in between. They will relay that message if that is the majority.

Commission Member Sheppard added the Tropical Theme is warm tolerant palms. There are cold tolerant palms which would be used in the Mixed Theme, but warm tolerant palms are more native to Florida. He would prefer to see the Florida Native Tropical Palm Trees in the Tropical design.

Engineer Corbett reiterated there are 29 different palms available in the Tropical Theme which are established by the Stakeholder Group.

Chair Gunter requested confirmation that trees less than 11 inches in diameter would be planted at a distance of 30 feet.

Engineer Corbett responded yes, within the triangles that reflect trees.

Chair Gunter acknowledged and inquired if there was a Motion.

Vice Chair Hayden moved, seconded by Commission Member Sheppard, to move forward with the Tropical Theme on Chiquita and then bring back a recommendation or proposal at a later date.

Director Clinghan stated he would try to keep it higher level and show where, and the type of trees so the Commission can see what is progressing at each meeting.

Added to Motion:

Chair Gunter inquired if the Motion also reflects Commission Member Sheppard's request for Royal Palms?

Commission Member Hayden responded in the affirmative.

Added to Motion:

Engineer Corbett requested Medium Intensity, which is currently approved, be added to the Motion.

Vice Chair Hayden agreed.

Commission Member Sheppard seconded.

Vice Chair Hayden moved, seconded by Commission Member Sheppard, to move forward with the Tropical Theme on Chiquita with Royal Palms and Medium Intensity and then bring back a recommendation or proposal at a later date.

Commission polled as follows: Gunter, Hayden, and Sheppard voted "aye." All "ayes." Motion carried 3-0.

Rose Garden Median Landscaping Update

Traffic Engineer Corbett reviewed the following:

- Roadway was established as a proposed Tropical Theme
- A portion adjacent to Tarpon Point and the Westin Hotel is currently established as a Mixed Theme
- 130 existing trees along the corridor
- 21 trees are compliant and can remain
- 109 trees are non-compliant
- Requesting guidance on the theme and intensity
- Currently designed as a Mixed Theme, Medium Intensity
- Proposed on the approved map as a Tropical Theme
- Requested guidance on the areas outside of what is existing landscaping

Chair Gunter stated that his recommendation would be to leave the existing improved medians as is and keep the new improvements as a Tropical Theme.

Vice Chair Hayden inquired about the difference between the Tropical and Mixed Themes.

Traffic Engineer Corbett discussed the differences of the Tropical, Shade, and Mixed Themes. Staff would rely on the architect to provide a balance of the species.

Commission Member Sheppard discussed the tolerance of warm and cold. He preferred the mixed theme.

Commissioners agreed to move forward with the Tropical Theme on the unimproved medians.

Engineer Corbett stated for clarification that Chair Gunter desired a Tropical Theme on the unimproved sections with the existing approved sections to remain a Mixed Theme

and inquired if Commission Member Sheppard was requesting a Mixed Theme for the entire corridor.

Vice Chair Hayden stated he and Vice Chair Gunter preferred the Tropical Theme.

Commission Member Sheppard stated he would agree with the other Commission Members.

Director Clinghan stated they could most likely do Tropical on both sides and perhaps the last median becomes a transition and more Mixed Theme.

Commission Member Sheppard agreed.

Director Clinghan responded they would bid from the entrance to Tarpon and then bid down to the dead-end. It would be one bid, but the Commission would be able to see the cost and decide. He further stated with limited funds, he was not sure where the bid would be.

Commission Member Sheppard stated he would agree to fully Tropical.

Director Clinghan requested clarification that it would be Tropical Theme, Medium Intensity.

Commission Member Sheppard responded in the affirmative.

Chair Gunter stated he would recommend that the medians that will be improved will be a Tropical Theme, Medium Intensity and the medians that are already improved will remain.

Engineer Corbett requested clarification that the Commission wanted Tropical Theme approaching the existing Mixed with a short transition area of Mixed approaching that, while maintaining the 21 trees and removing the 109 trees.

Chair Gunter stated that was correct.

Recording Secretary Castillo inquired if Chair Gunter would like to pass the gavel to make the Motion as the Chair.

Chair Gunter passed the gavel to Vice Chair Hayden.

Chair Gunter recommended (moved), seconded by Commission Member Sheppard, to move forward with the Tropical Theme, Medium Intensity approaching the existing Mixed with a short transition area of Mixed approaching that, while maintaining the 21 trees and removing the 109 trees.

Commission polled as follows: Gunter, Hayden, and Sheppard voted “aye.” All “ayes.” Motion carried 3-0.

Director Clinghan stated they would provide the Commission with preliminary plans for approval.

Commission Member Sheppard inquired about the timeframe.

Discussion held regarding:

- Irrigation at Chiquita Boulevard and Rose Garden Road
- Design process of two to three months
- Expedite design process
- Provide timeline at the May 12, 2021 CTAC meeting

MPO Update

Persides Zambrano, PW Permitting and Planning Manager

PW Permitting and Planning Manager Zambrano provided an MPO Update as follows:

- No MPO meeting in April – next meeting on May 14, 2021
- Study for I-75 Del Prado interchange – study of evacuation plan
- Sun Trail construction of the multi-use on Van Buren, El Dorado, and Kismet
- Public workshop 2nd week of May open house
- 3rd week of May start construction
- Steve Henry working with MPO Director regarding Burnt Store Road

MPO Citizens' Advisory Committee Member Steve Henry appeared to discuss the Burnt Store Road developments as follows:

- Concerns with traffic issues
- Kismet Parkway to Charlotte County Line
- Letter sent to FDOT
- Crash analysis being performed
- Timeline for road expansion – five years or more
- Safety Outreach and Driver Behavior Program
- Future informational updates

Commissioners agreed to have future informational updates.

Manager Zambrano discussed making the segment eligible for Federal funding for the construction.

Chair Gunter stated he received emails regarding the intersection of Burnt State Road and Embers Parkway.

Traffic Engineer Corbett informed the Commission he reached out to the County Project Manager, and he would follow up on the safety improvements in the area.

MEMBERS COMMENTS

Commission Member Sheppard inquired about the electrical charging stations and residents on 32nd street are concerned with missing sidewalks in the last stretch.

Manager Zambrano responded as follows:

- Bill is in legislation for funding of electrical charging stations
- Limited funding for sidewalks
- Possibly eligible for CDBG grant
- Will provide an estimate of the cost and determine if it can be included in the budget

Discussion held regarding:

- Mulch preferences and possible concerns with the red mulch
- Contractor maintained medians and irrigation timer settings and other fixtures
- Maintenance Provider Contracts – plant and grass replacement policy
- Staff routine inspections and process
- Time period for replacement of plants

Chair Gunter recommended that the CTAC meetings be moved to Wednesday mornings at 9:00 a.m., and if the Commission and Staff agreed to cancel the April 21, 2021 meeting.

Consensus agreed to move the CTAC meetings back to 9:00 a.m. and to cancel the April 21, 2021 meeting.

Time and Place of Next Meeting

The next Transportation Advisory Commission meeting scheduled for Wednesday, April 21, 2021 at 1:00 p.m. in Council Chambers was canceled.

The next Transportation Advisory Commission meeting was scheduled for Wednesday, May 12, 2021 at 9:00 a.m. in Council Chambers.

Motion to Adjourn

There being no further business, the meeting was adjourned at 2:12 p.m.

Submitted by,

Betty Castillo
Assistant City Clerk

Item Number:	6.A.
Meeting Date:	5/12/2021
Item Type:	BUSINESS

AGENDA REQUEST FORM
CITY OF CAPE CORAL



TITLE:

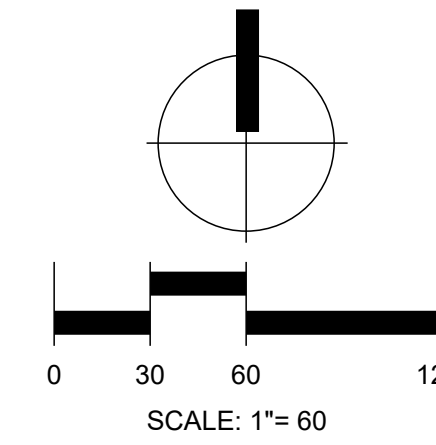
Rose Garden and Chiquita Boulevard Median Landscaping Design Update- William Corbett, Traffic Engineer and Stephanie Smith, PW Design and Construction Manager

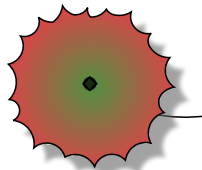
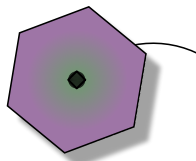
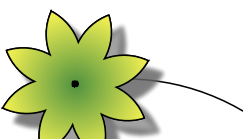
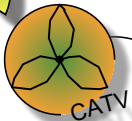

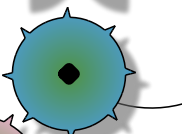


SUMMARY:

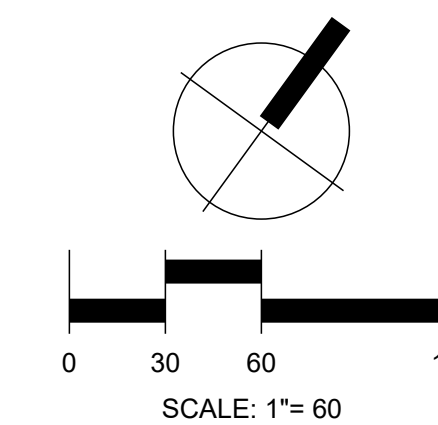
ADDITIONAL INFORMATION:

ATTACHMENTS:

Description	Type
▣ Rose Garden Exhibit Phase 1.	Backup Material
▣ Rose Garden Exhibit Phase 1	Backup Material
▣ Rose Garden Exhibit Phase 2	Backup Material
▣ Chiquita Exhibit	Backup Material

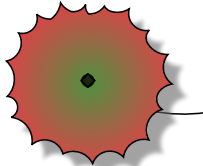
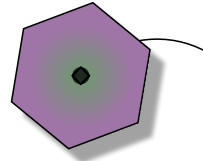
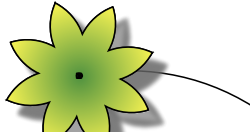

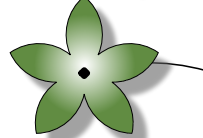





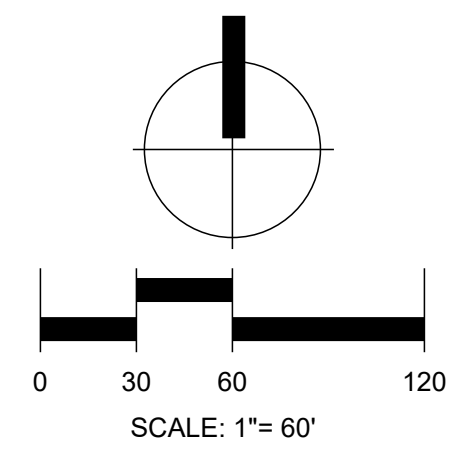
PLANT LIST		
SYM	COMMON NAME (MINIMUM TREE SPACING)	
<u>TREES</u>		
	BS	GUMBO LIMBO (105' O.C. MIN.)
	TC	YELLOW TRUMPET TREE(30' O.C. MIN.)
<u>PALMS</u>		
	AM	CHRISTMAS PALM (30' O.C. MIN.)
	BN	BISMARCK PALM (105' O.C. MIN.)
	RR	ROYAL PALM (105' O.C. MIN.)
	SP	CABBAGE PALM (30' O.C. MIN.)
	VM	MONTGOMERY PALM (30' O.C. MIN.)
	EP	EXISTING PALM (EXISTING SPACING)




Rose Garden Rd Median Improvements (Phase 1) Draft - City of Cape Coral



PLANT LIST		
SYM	COMMON NAME (MINIMUM TREE SPACING)	
TREES		
	BS	GUMBO LIMBO (105' O.C. MIN.)
	TC	YELLOW TRUMPET TREE(30' O.C. MIN.)
PALMS		
	AM	CHRISTMAS PALM (30' O.C. MIN.)
	BN	BISMARCK PALM (105' O.C. MIN.)
	RR	ROYAL PALM (105' O.C. MIN.)
	SP	CABBAGE PALM (30' O.C. MIN.)
	VM	MONTGOMERY PALM (30' O.C. MIN.)
	EP	EXISTING PALM (EXISTING SPACING)



Rose Garden Rd Median Improvements (Phase 1) Draft - City of Cape Coral



A Full Service A & E Firm

Architects
Engineers
Environmental
Landscape Architects

M / E / P
Planners
Surveyors
Traffic/Transportation

Offices In:

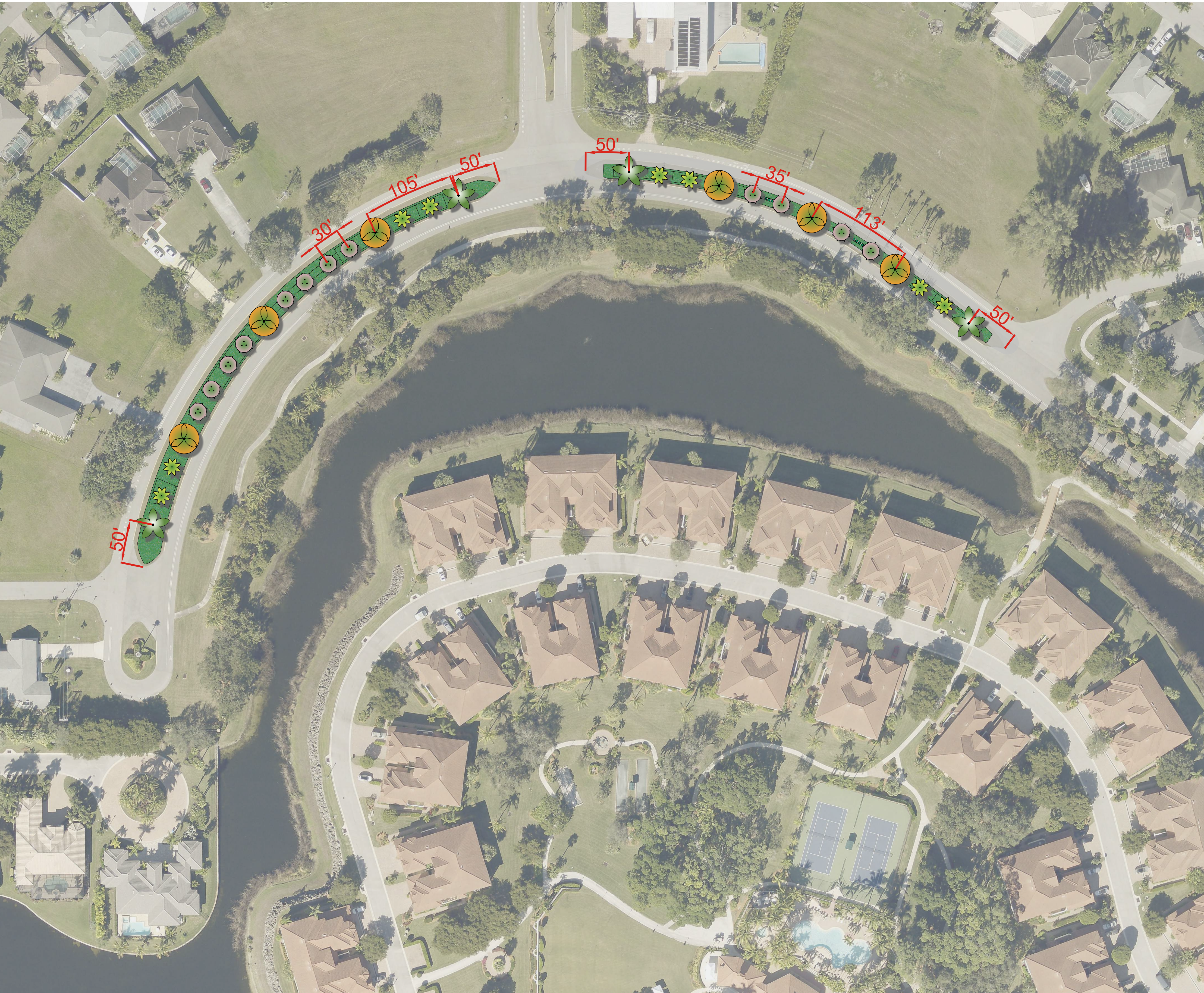
- Florida
- Puerto Rico
- Connecticut
- Maryland
- Texas

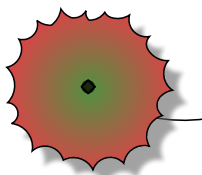
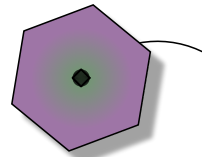
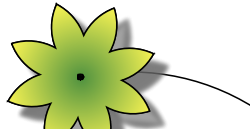
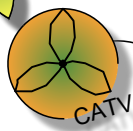
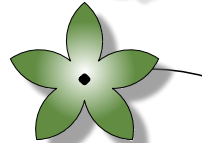
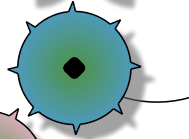
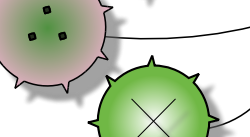

500 West Fulton Street
Sanford, FL 32771
Phone: 407.322.6841

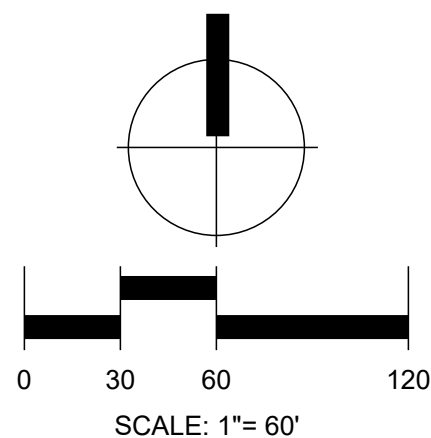
C10217

LSP-exhibit


April 2021



PLANT LIST		
SYM	COMMON NAME (MINIMUM TREE SPACING)	
<u>TREES</u>		
	BS	GUMBO LIMBO (105' O.C. MIN.)
	TC	YELLOW TRUMPET TREE(30' O.C. MIN.)
<u>PALMS</u>		
	AM	CHRISTMAS PALM (30' O.C. MIN.)
	BN	BISMARCK PALM (105' O.C. MIN.)
	RR	ROYAL PALM (105' O.C. MIN.)
	SP	CABBAGE PALM (30' O.C. MIN.)
	VM	MONTGOMERY PALM (30' O.C. MIN.)
	EP	EXISTING PALM (EXISTING SPACING)



Rose Garden Rd Median Improvements (Phase 2) Draft - City of Cape Coral



A Full Service A & E Firm

Architects
Engineers
Environmental
Landscape Architects

M / E / P
Planners
Surveyors
Traffic/Transportation

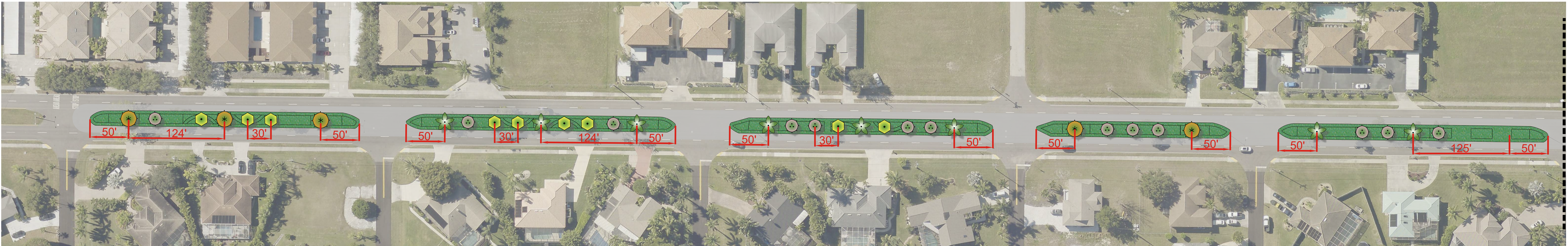
Offices In:

- Florida
- Puerto Rico
- Connecticut
- Maryland
- Texas

500 West Fulton Street
Sanford, FL 32771
Phone: 407.322.6841

C10217

LSP-exhibit



MATCHLINE, REFER BELOW



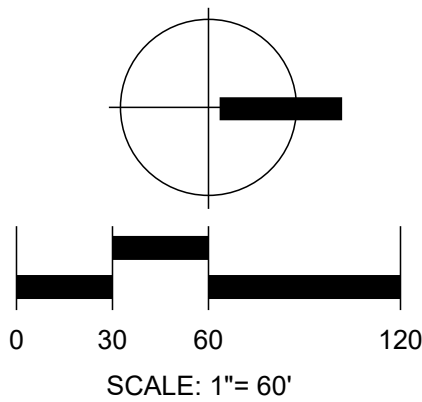
MATCHLINE, REFER BELOW

PLANT LIST


SYM **COMMON NAME** (MINIMUM TREE SPACING)

PALMS

AM	CHRISTMAS PALM	(30' O.C. MIN.)
BN	BISMARCK PALM	(105' O.C. MIN.)
RR	ROYAL PALM	(105' O.C. MIN.)
VM	MONTGOMERY PALM	(30' O.C. MIN.)



Chiquita Blvd S Median Improvements Draft - City of Cape Coral



A Full Service A & E Firm
Architects
Engineers
Environmental
Landscape Architects

M / E / P
Planners
Surveyors
Traffic/Transportation

Offices In:
• Florida
• Puerto Rico
• Connecticut
• Maryland
• Texas

600 West Fulton Street
Sanford, FL 32771
Phone: 407.322.6841

www.cphcorp.com

Item Number:	6.B.
Meeting Date:	5/12/2021
Item Type:	BUSINESS

AGENDA REQUEST FORM
CITY OF CAPE CORAL



TITLE:

Top 10 Priority List For Median Improvements- Stephanie Smith, PW Design and Construction Manager

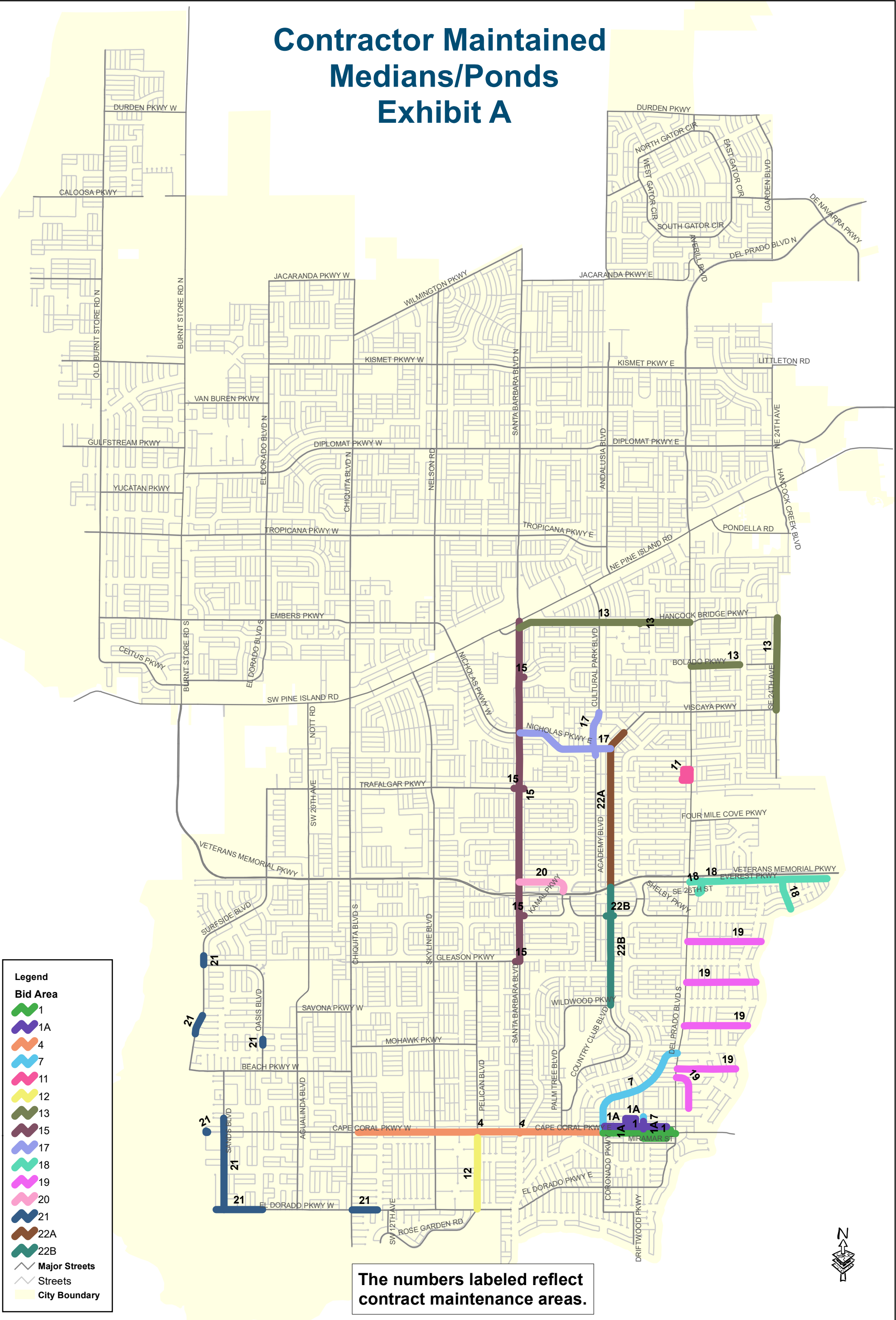
SUMMARY:

ADDITIONAL INFORMATION:

ATTACHMENTS:

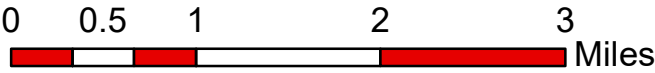
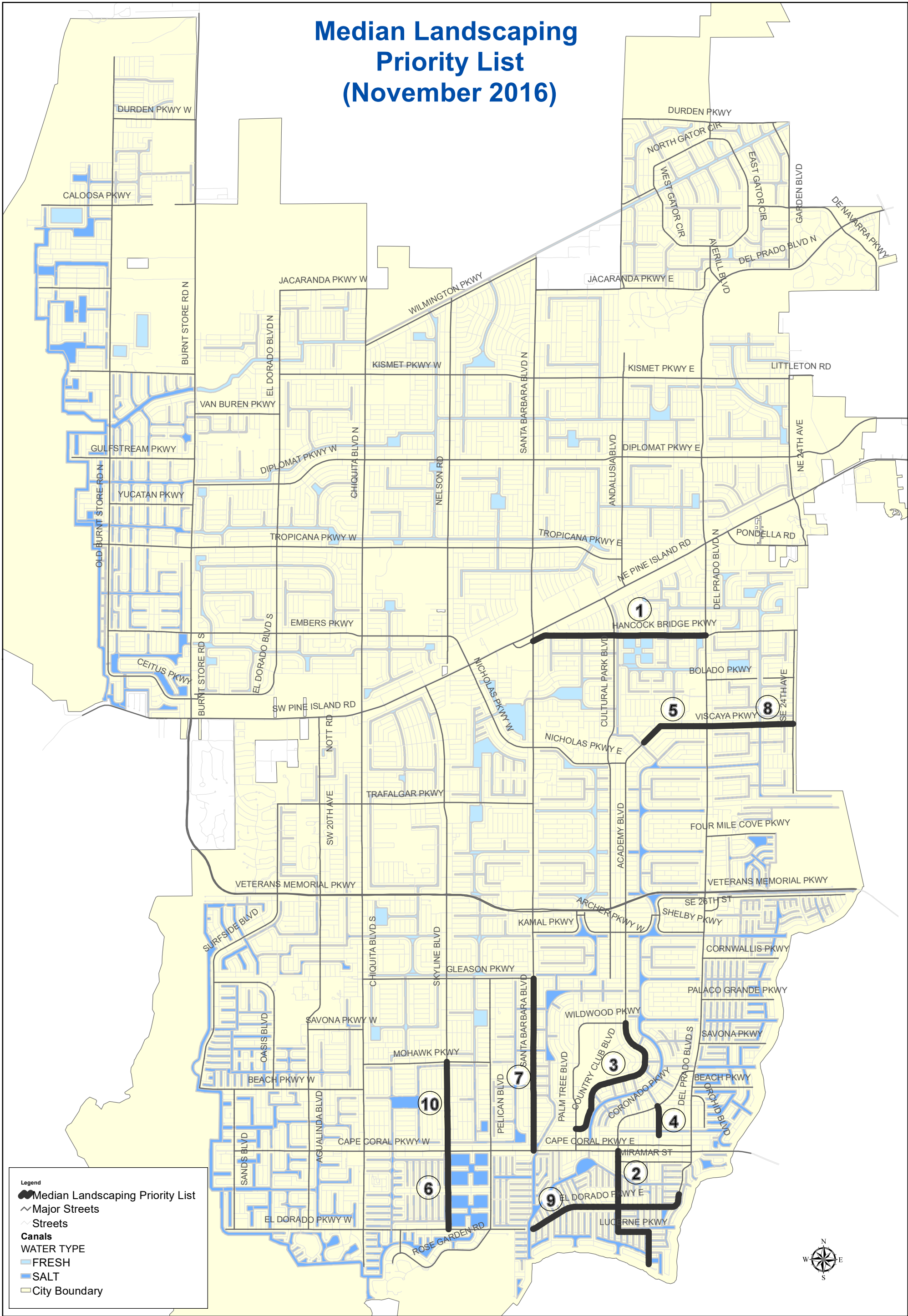
Description		Type
▢	Top 10 Priority List for Median Improvements	Backup Material
	Maps	

Contractor Maintained Medians/Ponds Exhibit A



This map is not a survey and should not be used in place of a survey. While every effort is made to accurately depict the mapped area, errors and omissions may occur. Therefore, the City of Cape Coral cannot be held liable for incidents that may result due to the improper use of the information presented on this map. This map is not intended for construction, navigation or engineering calculations. Please contact the Department of Public Works with any questions regarding this map.

Median Landscaping Priority List (November 2016)



This map is not a survey and should not be used in place of a survey. While every effort is made to accurately depict the mapped area, errors and omissions may occur. Therefore, the City of Cape Coral cannot be held liable for incidents that may result due to the improper use of the information presented on this map. This map is not intended for construction, navigation or engineering calculations. Please contact the Department of Public Works with any questions regarding this map.

11/09/16 S. Feldman for S. Smith

Median Landscape Priority List - November 2016

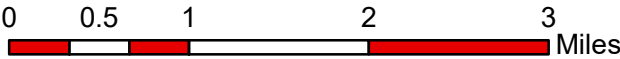
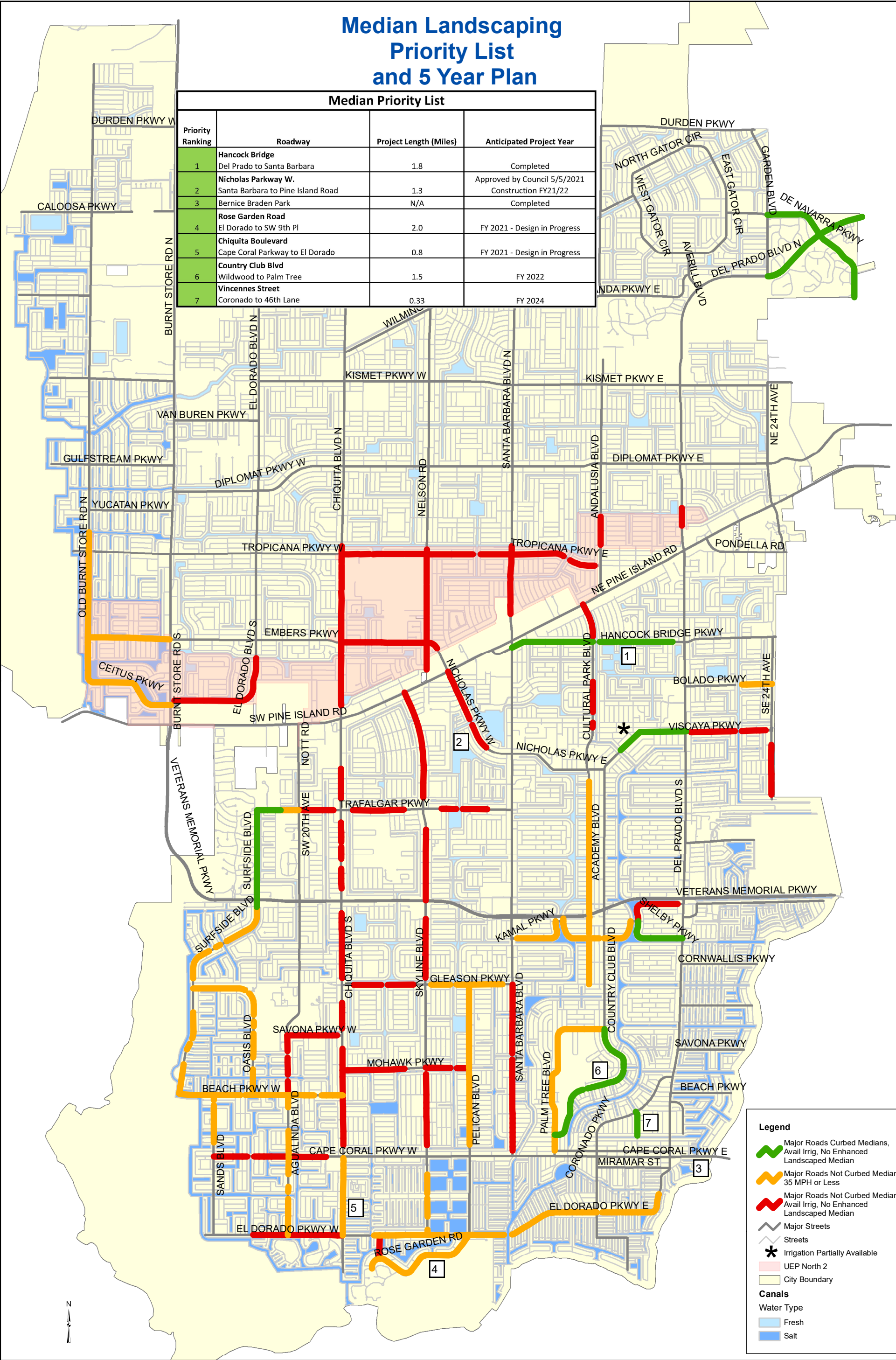
Ranking	Roadway	AADT	Curbing	Irrigation Service Available	Land use	Future Access/Curbing Project	Notes
1	Hancock Bridge - Del Prado to Santa Barbara	14,100	y	y	Residential		Completed
2	Coronado/Lucerne/Driftwood Pkwy - CC Pkwy to Yacht Club	7,900	y	y	Residential		Completed
3	Country Club - Wildwood to Palm Tree	5,800	y	y	Residential		On priority list
4	Vincennes- Coronado to 46th Lane	2,000	y	y	Mixed		On priority list
5	Viscaya - Del Prado to SE 9th Lane	14,000	y	partial	Commercial		Deleted by CTAC
6	Skyline S - Cape Coral Parkway to El Dorado Parkway W	5400	n	y	Residential	x	
7	Santa Barbara - Gleason to 47th	18400	n	y	Residential	x	
8	Viscaya - SE 24th Ave. to Del Prado	9000	n	y	Residential	x	
9	El Dorado E - Bayside Court to Willshire Court	3100	n	y	Residential	x	
10	Skyline Blvd - Mohawk Parkway to SW 47th Terr	14700	n	y	Residential	x	

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

Median Landscaping
Priority List
and 5 Year Plan

Median Priority List			
Priority Ranking	Roadway	Project Length (Miles)	Anticipated Project Year
1	Hancock Bridge Del Prado to Santa Barbara	1.8	Completed
2	Nicholas Parkway W. Santa Barbara to Pine Island Road	1.3	Approved by Council 5/5/2021 Construction FY21/22
3	Bernice Braden Park	N/A	Completed
4	Rose Garden Road El Dorado to SW 9th Pl	2.0	FY 2021 - Design in Progress
5	Chiquita Boulevard Cape Coral Parkway to El Dorado	0.8	FY 2021 - Design in Progress
6	Country Club Blvd Wildwood to Palm Tree	1.5	FY 2022
7	Vincennes Street Coronado to 46th Lane	0.33	FY 2024



DRAFT

This map is not a survey and should not be used in place of a survey. While every effort is made to accurately depict the mapped area, errors and omissions may occur. Therefore, the City of Cape Coral cannot be held liable for incidents that may result due to the improper use of the information presented on this map. This map is not intended for construction, navigation or engineering calculations. Please contact the Department of Public Works with any questions regarding this map.
5/11/2021 S. Feldman for W. Corbett

Potential Median Landscaping Projects (No Curbing)

PRIORITY	ROAD	FROM	TO	LENGTH (Mi.)	POSTED SPEED LIMIT (MPH)	MEDIAN WIDTH (FT)	AADT (VPD)
1	Skyline Blvd*	Cape Coral Pkwy	El Dorado Pkwy W	0.93	35	20'	6,600
2	El Dorado Pkwy E*	Del Prado Blvd	Bayside Ct	1.74	35	20'	3,800
3	Trafalgar Pkwy	Chiquita Blvd	SW 22nd Ct	0.28	35	20'	8,500
4	Gleason Pkwy	Skyline Blvd	Santa Barbara Blvd	1.04	35	20'	8,500
5	Pelican Blvd	Gleason Pkwy	El Dorado Pkwy W	2.97	35	20'	7,500
6	Beach Pkwy	Surfside Blvd	Chiquita Blvd	1.95	35	20'	6,900
7	Wildwood Pkwy/Palm Tree Blvd	SE 47th Ter	Country Club	1.99	35	20'	6,000
8	Surfside Blvd	Veteran's Pkwy	Beach Pkwy	2.73	35	20'	5,500
9	Agualinda Blvd	Beach Pkwy W	El Dorado Pkwy W	1.67	35	20'	5,000
10	Academy Blvd	SE 13th St	SE 32nd St	2.47	35	20'	3,200
11	Oasis Blvd	Surfside Blvd	Beach Pkwy	1.91	35	20'	3,200
12	El Dorado Pkwy W	SW 1st Ct	SW 12th Pl	1.43	35	20'	2,950
13	Archer Pkwy	SE 26th Ter	SE 26th Ter	1.08	35	20'	2,700
14	Sands Blvd	SW 47th Ter	Beach Pkwy	0.67	35	20'	2,500
15	Embers Pkwy	Burnt Store Rd	Old Burnt Store Rd	0.98	35	20'	2,100
16	Kamal Pkwy	Santa Barbara Blvd	SE 26th Ter	0.71	35	20'	1,800
17	Ceitus Pkwy	Burnt Store Rd	Old Burnt Store Rd	1.05	35	20'	1,700
18	Bolado Pkwy	Del Prado Blvd	SE 24th Ave	1.04	35	20'	1,200
19	Old Burnt Store Rd	Ceitus Pkwy	Kismet Pkwy	3.59	35	20'	800

* Location previously approved by CTAC

DRAFT 5/11/21