



1015 Cultural Park Blvd.  
Cape Coral, FL 33990

## **Transportation Advisory Commission**

<b>April 17, 2024</b>	<b>9:00 AM</b>	<b>Public Works Operations Center</b>
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**1. Meeting called to order**

- A. Chair Gunter
- B. Pledge of Allegiance

**2. ROLL CALL**

- A. Gunter, Hayden, Long, Sheppard, Welsh, and Alternate Cosden

**3. CHANGES TO AGENDA/ADOPTION OF AGENDA**

**4. APPROVAL OF MINUTES**

- A. Meeting Minutes - March 20, 2024

**5. PUBLIC INPUT**

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

**6. BUSINESS**

- A. Median Landscaping Quarterly Update (Omar Leon, City Arborist)
- B. School Zone Update (Pimolmas Tan, Principal Engineer - PE Transportation D & C)

**7. OLD BUSINESS**

- A. Hurricane Ian Update
  - 1. Signs (Wendy Williams, Principal Engineer)
  - 2. Signals (Pimolmas Tan, Interim Traffic Engineer)
- B. IGM Update Phase two (2) (Laura Dodd, Principal Planner)
- C. MPO Update (Laura Dodd, Principle Planner)



- D. Reserve Request for Resurfacing (Wendy Williams, Principal Engineer)

## **8. WORKSHOP DISCUSSIONS**

- A. Adopt a Median Policy Changes (Omar Leon, City Arborist)

## **9. MEMBERS COMMENTS**

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

- A. The next Transportation Advisory Commission meeting will be held on Wednesday May 15, 2024, at 9:00 a.m. in Public Works Operations Center.

## **11. Motion to Adjourn**

In accordance with the Americans with Disabilities Act and Florida Statutes 286.26, persons needing a special accommodation to participate in this proceeding should contact the Office of the City Clerk whose office is located at City Hall, 1015 Cultural Park Boulevard, Florida; telephone number is 1-239-574-0411, at least forty-eight (48) hours prior to the meeting 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:	4/17/2024
Item Type:	APPROVAL OF MINUTES

**AGENDA REQUEST  
FORM**  
CITY OF CAPE CORAL



**TITLE:**

Meeting Minutes - March 20, 2024

**SUMMARY:**

Meeting minutes attached for review and approval.

**ADDITIONAL INFORMATION:**

Sheri Rhine, Recording Secretary  
City Clerk's Department  
1-239-574-0743

**ATTACHMENTS:**

**Description**

- 1. Meeting Minutes - March 20, 2024

**Type**

Backup Material



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

**Wednesday, March 20, 2024**

**Public Works Operations Center/Nicholas Annex**

**9:00 A.M.**

Meeting called to order by Vice Chair Hayden at 9:00 a.m.

PLEDGE OF ALLEGIANCE

ROLL CALL: Commissioners Hayden, Sheppard, Welsh, and Cosden were present.  
Commissioner Gunter was excused. Commissioner Long was absent.

Also Present:       Damon Grant, Assistant Public Works Director  
                          William Corbett, Design and Construction Manager  
                          Laura Dodd, Principal Planner  
                          Omar Leon, City Arborist  
                          Pimolmas Tan, Principal Engineer  
                          Kevin Smith, Senior Project Manager D&C  
                          Maureen Buice, Assistant to the City Manager  
                          Wendy Williams, Interim Transportation Manager  
                          Alicia Pearce Smith, Public Works Business Manager  
                          Kassandra Penner, Financial Services Budget Analyst  
                          David Aron, CDM Smith  
                          Bob Hamm, CDM Smith  
                          Don Scott, Lee County MPO Director  
                          John Kubicki, FDOT Safety Work Program Manager  
                          Snow Peng, FDOT Service Engineer III  
                          Amy Ao, FDOT Bike / Ped Safety Specialist

**CHANGES TO AGENDA/ADOPTION OF AGENDA**

***Commissioner Cosden moved, seconded by Commissioner Welsh, to adopt the Agenda, as presented. Voice Poll: All “ayes.” Motion carried.***

**APPROVAL OF MINUTES**

**Meeting Minutes – February 7, 2024**

***Commissioner Sheppard moved, seconded by Commissioner Welsh, to approve the minutes from the meeting of February 7, 2024, as presented. Voice Poll: All “ayes.” Motion carried.***



**Special Meeting Minutes – February 21, 2024**

***Commissioner Welsh moved, seconded by Commissioner Cosden, to approve the minutes from the special meeting of February 21, 2024, as presented. Voice Poll: All “ayes.” Motion carried.***

**PUBLIC INPUT**

Don Apking appeared and spoke regarding:

- Challenges for median improvements
- Costs of plants
- Update on current median projects

Laurie Lehmann appeared and spoke regarding speeding problems on local roads.

Discussion held regarding:

- Number of contractors bids on median projects
- Time for median projects to be completed
- Speeding problems on local roads
- Number of median projects in progress at one time
- Use of non-profits for median improvement projects
- Costs of plants
- Advantages and disadvantages of multiple median projects in progress
- Curbing status of medians
- Reviewing the median beautification program at the April meeting

**BUSINESS**

**6.(A). Multimodal Plan Memo Approval and Discussion**  
**(Laura Dodd, Principal Planner)**

Principal Planner Dodd provided background and an update on the Multimodal Plan Memo Approval and Discussion with the following information:

- Approval of the draft Multimodal Master Plan
- Direction to proceed concurrently with five priority projects
- Multimodal Transportation Plan
- Multimodal Transportation Master Plan and Bike/Pedestrian Plan Memo
- New funding strategies

Discussion held regarding:

- Priority Projects
- Mobility Plan



***Commissioner Cosden moved, seconded by Commissioner Welsh, to approve and accept the 2024 Multimodal Transportation Plan and Bike/Pedestrian Plan as a guiding document for the next 20 years of transportation planning within Cape Coral.***

***Commission polled as follows: Hayden, Sheppard, Welsh, and Cosden voted “aye.” All “ayes.” Motion Carried 4-0.***

Discussion held regarding:

- Priority Projects Motion
- Ranking of Priority Projects

Principal Planner Dodd presented the five priority projects with the following displayed slides:

- Priority Project #1 Mobility Plan and Fee
- Priority Project #2 Corridor Planning Study
- Priority Project #3 Speed Limit Study
- Priority Project #4 Micromobility Pilot
- Priority Project #5 South Cape Mobility HUB

Discussion held regarding:

- Golf Course Loop
- Ranking of Priority Projects
- Speed Limit Study
- Concurrently working Priority Projects
- Funding sources for projects

***Commissioner Welsh moved, seconded by Commissioner Cosden, to adopt the Priority Project Schedule as presented one through five.***

***Commission polled as follows: Hayden, Sheppard, Welsh, and Cosden voted “aye.” All “ayes.” Motion Carried 4-0.***

## **OLD BUSINESS**

### **7.(A) Hurricane Ian Recovery Update**

7.(A).(1). Street Sign Timeline  
(Wendy Williams, Public Works Interim Transportation Manager)

Interim Transportation Manager Williams provided an update on the Street Signage with the following displayed slide:

- CTAC Street Sign timeline & Forecast Showing Revised Plan March 2024



Discussion held regarding:

- Number of crews working on signs
- Crews work on signs and striping
- Use of contractors to assist with signs
- Data entry issues
- Sign repair completion timeline

7.(A).(2). Traffic Signal Repairs (Pimolmas Tan, Interim Traffic Engineer)

Interim Engineer Tan provided an update on the Traffic Signals with the following displayed slide:

- CTAC 3/20/2024 Updates Map

Discussion held regarding:

- Honeybees Removal
- Remaining signals priority

7.(B) MPO Update (Laura Dodd, Principal Planner)

Principal Planner Dodd provided an MPO Update with the following information:

- Planning Board Agenda Items
- Federal and State Funding Priority List Update
- Election of Officers
- Presentation on US 41 Caloosahatchee Bridge Project
- MPO Call for Projects 2024

Discussion held regarding:

- State Road 78 PD&E already funded
- Design funding request

**WORKSHOP DISCUSSIONS**

8. (A) Evacuation Route Study (David Aron, CDM Smith)

Principal Planner Dodd introduced David Aron, CDM Smith.

David Aron provided information Evacuation Route Study with the following displayed slides:

- City of Cape Coral Evacuation Route Study
- Study Objectives
- Study Progress to Date
- Base Case Clearance Times Lee County
- Initial Results – Base Case Clearance Times City of Cape Coral
- Base Case – 2045 – Category 5 – Animation



- Bottlenecks and Areas of Concern
- Model Scenarios
- Estimated Evacuation Times
- Summary of Findings

Discussion held regarding:

- 951 Extension
- Del Prado Interchange to Interstate 75
- Interstate 75 widening
- MPO Long Range Plan

8. (B) FDOT Midblock Crossings Informational  
(FDOT Presentation)

Principal Planner Dodd introduced John Kubicki, Snow Peng, and Amy Ao.

John Kubicki, FDOT Safety Work Program Manager, introduced the FDOT team and provided information on FDOT Midblock Crossings Informational with the following displayed slides:

- Midblock Crosswalks
- Agenda
- Statewide Trends (3 slides)
- Safe System Approach
- Context Classification Guide

Snow Peng, FDOT Service Engineer III, presented the following displayed slides:

- TEM 5.2.5.1 Criteria for Marked Crosswalk
- Recommended Pedestrian Treatments
- Rectangular Rapid Flashing Beacons (RRFB) (2 slides)
- Pedestrian Hybrid Beacons (PHB) (2 slides)
- Midblock Pedestrian Signal (MPS)
- Other Treatment Options
- Tubular Marker Gateway Treatment
- Other Treatment Options (2 slides)

Amy Ao, FDOT Bike / Ped Safety Specialist, presented the following displayed slides:

- RRFB example location within Lee County
- PHB example location within Lee County
- PHB Cortez Rd Project Evaluation
- PHB Study Findings
- Statewide Pedestrian (Pilot) Projects
- 11<sup>th</sup> MUTCD



Discussion held regarding:

- Study's relevance to Cape Coral
- Midblock crossings
- Locations for midblock crossings
- Cape Coral Parkway

8. (C) Speed Limit Reductions  
(Laura Dodd, Principal Planner)

Principal Planner Dodd provided information on Speed Limit Reductions with the following displayed slides:

- Speed Limit Reductions
- Research (3 slides)
- Findings (2 slides)
- Cape Coral Generalized Data

Discussion held regarding:

- Residential streets used as cut-through
- Speed Limit Study
- Major and contextual speed study
- Driver behavior
- Previous local road study
- Speed Enforcement
- Funding for Studies

**MEMBERS COMMENTS**

None.

**Time and Place of Next Meeting**

The next Transportation Advisory Commission meeting will be held on Wednesday, April 17, 2024, at 9:00 a.m. in Public Works Operations Center.

**Motion to Adjourn**

There being no further business, the meeting was adjourned at 11:21 a.m.

Submitted by,

Sheri Rhine  
Recording Secretary



Item Number:	6.A.
Meeting Date:	4/17/2024
Item Type:	BUSINESS

**AGENDA REQUEST FORM**  
CITY OF CAPE CORAL



**TITLE:**  
Median Landscaping Quarterly Update (Omar Leon, City Arborist)

**SUMMARY:**

**ADDITIONAL INFORMATION:**

**ATTACHMENTS:**

Description		Type
<input type="checkbox"/>	Staff Presentation	Backup Material





# | QUARTERLY MEDIAN BEAUTIFICATION UPDATE CTAC 4/17/2024



# Rose Garden Road Landscape Beautification

1. Landscape installation has been completed
2. Project is under General Maintenance





# Chiquita Blvd Landscape Beautification

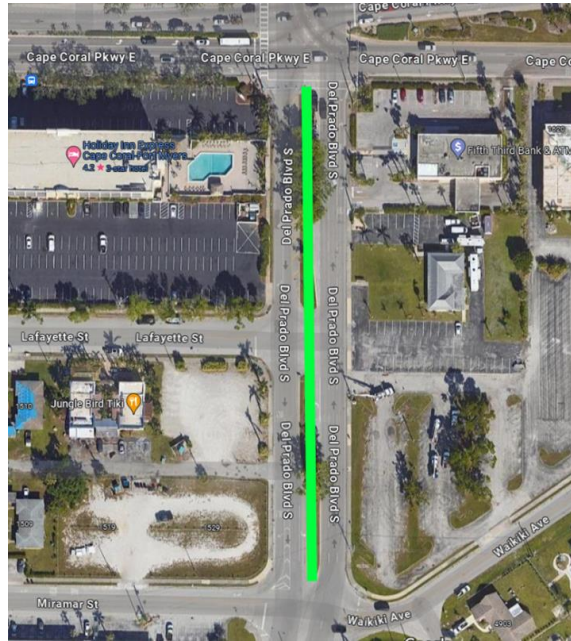
1. Landscape installation has been completed
2. Project is under General Maintenance





# Del Prado CCPWY to Waikiki Ave Landscape Beautification

1. Landscape installation has been completed
2. Project is under General Maintenance





# Club Square Landscape Beautification

1. Landscape installation has been completed
2. Project is under General Maintenance





# Cape Coral Pkwy West End Landscape Beautification

1. Landscape installation has been completed
2. Project is under General Maintenance





# Country Club Blvd Landscape Beautification

## 1. Over 100 Trees and Palms

Planted as part of first  
Phase.

## 2. Second Phase will include refurbishments of groundcover and shrubs throughout the area.





# Ongoing Landscape Beautification Projects

1. Refurbishments to 47<sup>th</sup> Terrace expected to be completed by the end of FY24
2. CRA reforestation expected to be completed by the end of FY24





# Ongoing Landscape Beautification Projects

## Skyline Blvd Refurbishments

1. RFQ sent out
2. Expected completion by the end of FY24







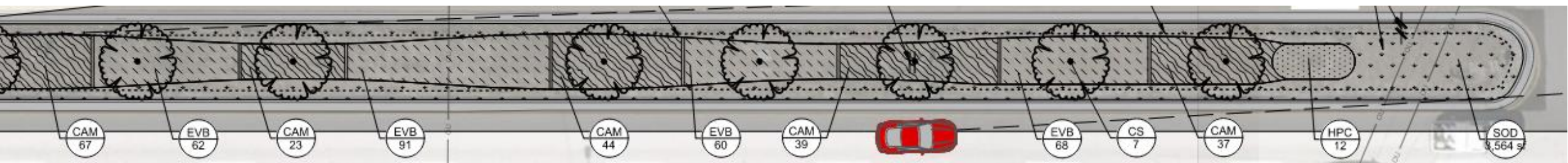
# Ongoing Landscape Beautification Projects

## Cultural Park Blvd Medians

- a. Soil amendmments and Bahia sod installed
- b. Landscape Plans completed
- c. Phase one Trees, Sod, Irrigation Mulch expected completion summer 2024

PHASE II PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	SIZE	SPACING	NATIVE
GROUND COVERS								
	CAM	444	CARISSA MACROCARPA 'EMERALD BLANKET'	EMERALD BLANKET NATAL PLUM	3 GAL	12" SPRD MIN	30" O.C.	NO
	EVB	669	EVOLVULUS GLOMERATUS	BLUE DAZE	3 GAL	10" SPREAD	24" O.C.	NO
	FMG	20	FICUS MICROCARPA 'GREEN ISLAND'	GREEN ISLAND FICUS	3 GAL	10" SPREAD	36" O.C.	YES
	HPC	87	HAMELIA PATENS 'COMPACTA'	DWARF FIREBUSH	3 GAL	12" SPRD MIN	36" O.C.	YES
	SOD	6,972 SF	STENOTAPHRUM SECUNDATUM 'CITRABLU'	CITRABLU ST. AUGUSTINE GRASS	SOD			








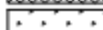



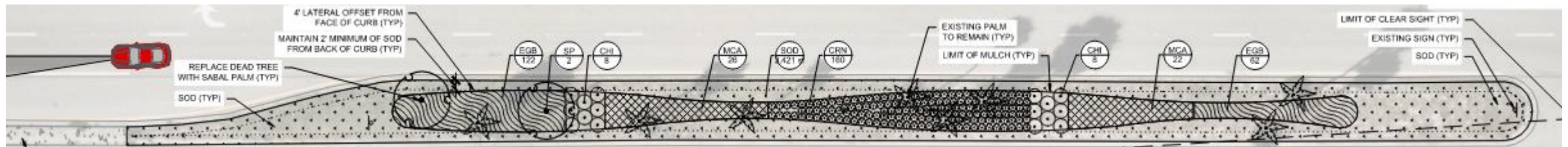
# Ongoing Landscape Beautification Projects

## Vincennes Blvd Medians

- Landscape Plans completed
- Going out to bid by May 2024
- Expected project installation Fall 2024

### PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	HEIGHT	SPRD	NATIVE
<b>TREES</b>									
	SP	2	SABAL PALMETTO	CABBAGE PALM	HEAVY		SLICKED, HARDENED OFF, FULLY REGENERATED	12' CT	YES
SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	SIZE	SPACING	NATIVE	
<b>SHRUBS</b>									
	CHI	16	CHRYSOBALANUS ICACO 'HORIZONTALIS'	HORIZONTAL COCO PLUM	3 GAL	18" SPREAD	48" O.C.	YES	
	CRN	206	CLUSIA ROSEA 'NANA'	DWARF PITCH APPLE	3 GAL	12" HT MIN.	30" O.C.	YES	
<b>GROUND COVERS</b>									
	EGB	243	EVOLVULUS GLOMERATUS	BLUE DAZE	3 GAL	10" SPREAD	24" O.C.	YES	
	LMU	243	LIRIOPE MUSCARI	LILYTURF	3 GAL	12" HT MIN	24" O.C.	NO	
	MCA	48	MUHLENBERGIA CAPILLARIS	PINK MUHLY GRASS	3 GAL	12" HT MIN	40" O.C.	YES	
	SOD	6,393 SF	STENOTAPHRUM SECUNDATUM 'CITRABLUE'	CITRABLUE ST. AUGUSTINE GRASS	SOD				





# Future Landscape Beautification Projects

## Embers Pkwy West

1. Bid for Engineering construction is currently under review with the CMs office
2. NTP Issued for landscape design phase with expected completion by the end of FY2024
3. Landscape construction expected to start Q1 of FY25

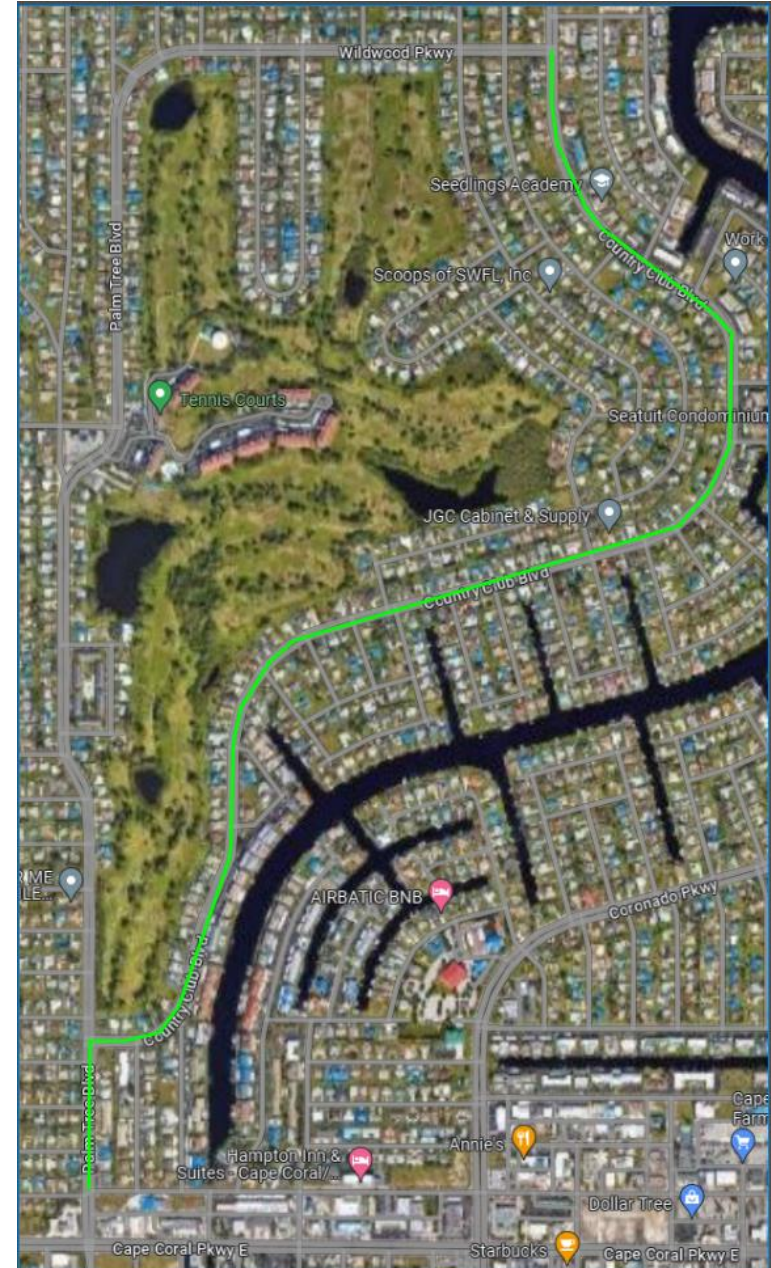




# Future Landscape Beautification Projects

## Country Club Blvd and Palm Tree Blvd

1. Engineering construction expected to be managed by new CRA PM.
2. NTP Issued for landscape design phase with expected completion by the end of FY2024
3. Landscape construction expected to start Q1 of FY25

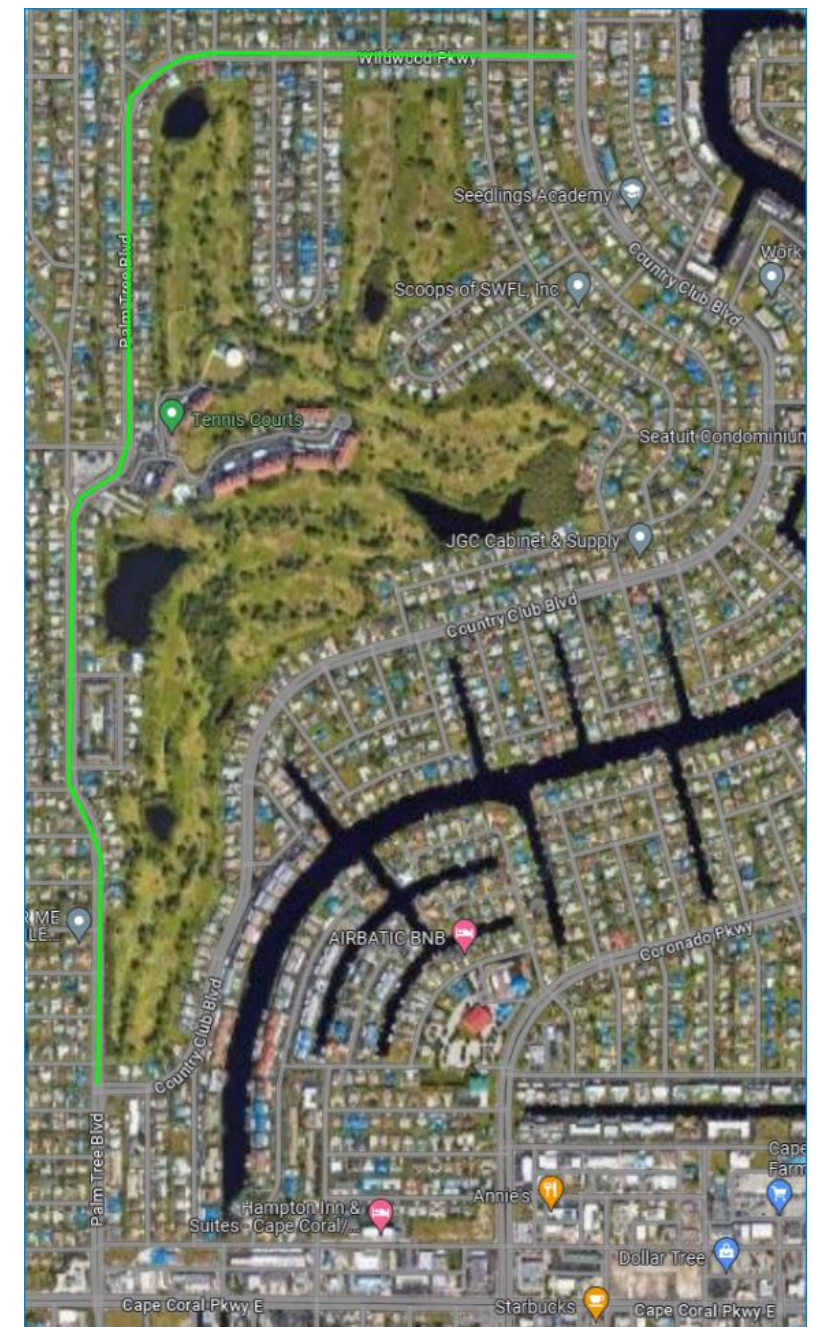
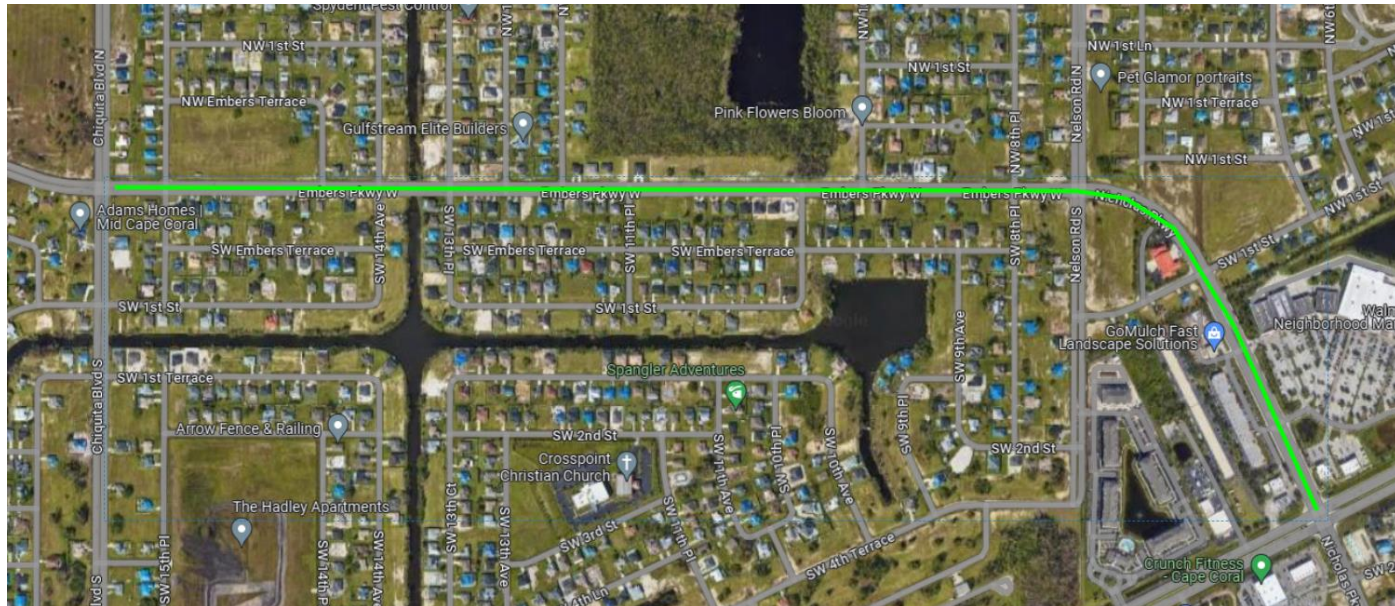




# Future Landscape Beautification Projects

## Embers Pkwy East of Chiquita and Palm Tree Blvd Project

1. Scope is being developed under **NEW** Consultants Library
2. Consultant to be selected by May 2024
3. Expected start date for design Q4 2024





# Median Beautification Projects (Adopt-a-Median)

1. Sands Blvd project has completed Phase 1.
2. Agualinda project has completed phase 1.
3. Three new applications have been received.
  - I. Med.1944 Skyline Blvd
  - II. Med. 1315 Surfside Blvd
  - III. Med. 1483 Surfside Blvd





Thank you  
Any Questions?





<b>Item Number:</b>	<b>6.B.</b>
<b>Meeting Date:</b>	<b>4/17/2024</b>
<b>Item Type:</b>	<b>BUSINESS</b>

**AGENDA REQUEST FORM**  
CITY OF CAPE CORAL



**TITLE:**

School Zone Update (Pimolmas Tan, Principal Engineer - PE Transportation D & C)

**SUMMARY:**

**ADDITIONAL INFORMATION:**

**ATTACHMENTS:**

Description	Type
▣ Staff Presentation	Backup Material





# SCHOOL ZONE UPDATE CTAC 4/17/2024



# Presentation Outline

1. Current School Zone Locations
2. New Florida House Bill 657
3. What's next on HB 657?



*Skyline Blvd Looking North*



# Current School Zone Locations

FDOT Completed School Zone Flasher/Sign Installation Prior to 2023-24 School Year



SPEEDING  
FINES  
DOUBLED



END  
SCHOOL  
ZONE

		<u>FDOT Plan ID</u>
1	Cape Coral Christian School	(C-11)
2	Cape Elementary School	(C-18)
3	Challenger Middle School	
4	Diplomat Elementary School	(C-7)
5	Diplomat Middle School	(C-8)
6	Hector A Cafferata Elementary School	(C-6)
7	Heritage Charter Academy of Cape Coral	(C-1)
8	IDA Baker High/Gulf Elementary School	
9	Mariner Middle School	(C-9)
10	Mid Cape Global Academy	(C-16)
11	Nicaea Academy of Cape Coral	(C-10)
12	Oasis Elementary North	(C-2)
13	Oasis Elementary South	(C-13)
14	Oasis Middle School	(C-15)
15	Oasis High School	(C-14)
16	Patriot Elementary School	(C-4)
17	Pelican Elementary School	(C-19)
18	Skyline Elementary School	(C-3)
19	St Andrews Catholic School	(C-12)
20	Trafalgar Elementary School	(C-5)
21	Trafalgar Middle School	(C-17)





# New Florida House Bill 657

1. Took Effect July 1, 2023
2. Authorizes local agencies to use **Speed Detection Systems (i.e. radars, cameras)** to enforce school zone speed limits. Allowed **at warranted locations only**.
3. Penalties
  - ✓ For violations in excess of **10 mph over school zone speed limit** during flashing light time & **posted speed limit** during school hours
  - ✓ \$100 penalty; no points are assessed
    - ✓ \$60 to local government
    - ✓ \$5 to Crossing Guard program
    - ✓ \$12 to local schools
    - ✓ \$3 to Florida Dept of Law Enforcement (FDLE)
    - ✓ \$20 to the State

[Link to HB 657 Final Bill Analysis](#)

HOUSE OF REPRESENTATIVES STAFF FINAL BILL ANALYSIS  
BILL #: CS/CS/HB 657 Enforcement of School Zone Speed Limits  
SPONSOR(S): Infrastructure Strategies Committee, Transportation & Modals Subcommittee, Koster and others  
TIED BILLS: IDEN/SIM. BILLS: CS/CS/CS/SB 588

FINAL HOUSE FLOOR ACTION: 95 Y's 6 N's GOVERNOR'S ACTION: Approved

## SUMMARY ANALYSIS

CS/CS/HB 657 passed the House on April 28, 2023, as amended, and subsequently passed the Senate on April 28, 2023.

The bill authorizes counties and municipalities to use speed detection systems, which are similar to red light cameras, to enforce school zone speed limits for violations in excess of 10 miles per hour over the applicable speed limit when children are going to or from school and during the entirety of the school day. The bill:

- Defines the term "speed detection system" and requires a county or municipality to enact an ordinance regarding the placement or installation of speed detection systems and to make a determination that the location of such system warrants additional enforcement action.
- Requires signage warning motorists that speed detection systems are in use.
- Requires a public awareness campaign prior to commencing enforcement of school zone speed limits with speed detection systems.
- Requires the governing body of a county or municipality operating one or more school zone speed detection systems to hold public meetings regarding contracts and data reported to the Department of Highway Safety and Motor Vehicles (DHSMV).
- Creates a School Crossing Guard Recruitment and Retention Program using proceeds from penalties resulting from enforcement of school zone speed limits through a speed detection system.
- Requires speed detection systems to be installed according to specifications established by the Department of Transportation.
- Provides requirements for issuing a notice of violation or, if necessary, a uniform traffic citation.
- Provides for a \$100 penalty for each violation and provides for the distribution of the proceeds to state and local governments.
- Provides defenses for persons who receive a notice of violation or uniform traffic citation.
- Provides that enforcement using a speed detection system supplements enforcement by a law enforcement officer.
- Provides procedures for hearings regarding these violations.
- Provides requirements for the retention and destruction of data obtained from speed detection systems.
- Requires reporting by counties and municipalities that implement speed detection system programs in school zones and requires a summary report by DHSMV.
- Exempts speed detection systems from DHSMV's requirements for radar or LiDAR units, while requiring a speed detection system to perform self-tests as to its detection accuracy.
- Prohibits points from being imposed for a violation of unlawful speed in a school zone enforced by a speed detection system and prohibits such violations from being used for purposes of setting motor vehicle insurance rates.



# New Florida House Bill 657

## 4. What will be required of the City?

(Ongoing Coordination - City Attorney's Office/ City Manager/ CCPD/ Public Works)

- **Enact an Ordinance** to authorize the use of **Speed Detection Systems** within warranted school zones in the City; to establish a **School Zone Speed Enforcement Program** per HB 657... (*City Attorney's Office*)
- **Collect Traffic Data** to determine whether a school zone constitutes a **"heightened safety risk"** that warrants additional enforcement measures (*Public Works*)
- **Procure a Speed Detection System Vendor (if warranted)** to install, monitor, and operate & maintain the Speed Detection Systems
- **Assign Staff** to review violations and appear in court (*CCPD*)

[Link to HB 657 Final Bill Analysis](#)

HOUSE OF REPRESENTATIVES STAFF FINAL BILL ANALYSIS  
BILL #: CS/CS/HB 657 Enforcement of School Zone Speed Limits  
SPONSOR(S): Infrastructure Strategies Committee, Transportation & Modals Subcommittee, Koster and others  
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- Requires signage warning motorists that speed detection systems are in use.
- Requires a public awareness campaign prior to commencing enforcement of school zone speed limits with speed detection systems.
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- Requires speed detection systems to be installed according to specifications established by the Department of Transportation.
- Provides requirements for issuing a notice of violation or, if necessary, a uniform traffic citation.
- Provides for a \$100 penalty for each violation and provides for the distribution of the proceeds to state and local governments.
- Provides defenses for persons who receive a notice of violation or uniform traffic citation.
- Provides that enforcement using a speed detection system supplements enforcement by a law enforcement officer.
- Provides procedures for hearings regarding these violations.
- Provides requirements for the retention and destruction of data obtained from speed detection systems.
- Requires reporting by counties and municipalities that implement speed detection system programs in school zones and requires a summary report by DHSMV.
- Exempts speed detection systems from DHSMV's requirements for radar or LiDAR units, while requiring a speed detection system to perform self-tests as to its detection accuracy.
- Prohibits points from being imposed for a violation of unlawful speed in a school zone enforced by a speed detection system and prohibits such violations from being used for purposes of setting motor vehicle insurance rates.



# What's Next on HB 657?

## **In-Progress: Traffic Data Collection (by KCA)**

- 4/1 – 4/19: Data Collection (20 locations)
- 4/26: Draft Report Submission

**Upcoming: City Attorney's Office is expected to discuss HB 657**  
at the Committee of the Whole meeting on 5/22/2024



Thank you  
Any Questions?





**Item Number:** 7.A.  
**Meeting Date:** 4/17/2024  
**Item Type:** OLD BUSINESS

**AGENDA REQUEST FORM**  
CITY OF CAPE CORAL



**TITLE:**

Hurricane Ian Update

**SUMMARY:**

1. Signs (Wendy Williams, Principal Engineer)
2. Signals (Pimolmas Tan, Interim Traffic Engineer)

**ADDITIONAL INFORMATION:**

**ATTACHMENTS:**

Description	Type
▣ Staff Presentation	Backup Material
▣ Staff Presentation	Backup Material



# CTAC STREET SIGN TIMELINE & FORECAST SHOWING REVISED PLAN

## APRIL 2024

### PAST TIMELINE

9/28/22 – Hurricane Ian

Early 2023 – 2/15/24 (bids opened) – FEMA contract for local road signs written and opened, **award tentative May 1, 2024.**

4/10/23 – All stop signs completed

Early 2023 – 3/4/24 – FHWA contract for major road signs worked on but then suspended due to the need to increase rate of sign installation. Also, the forecast is that federal reimbursement would be approximately 15% reimbursement for FHWA signs (Lee County, winter 2023-2024)

6/20/23 – City started straightening major road signs since these would not be reimbursed by FHWA. Over 1,600 signs were straightened.

1/29/24 – City Manager directs City sign crews to start replacing signs on major roads

1/30/24 – City sign crews start replacing signs on major roads

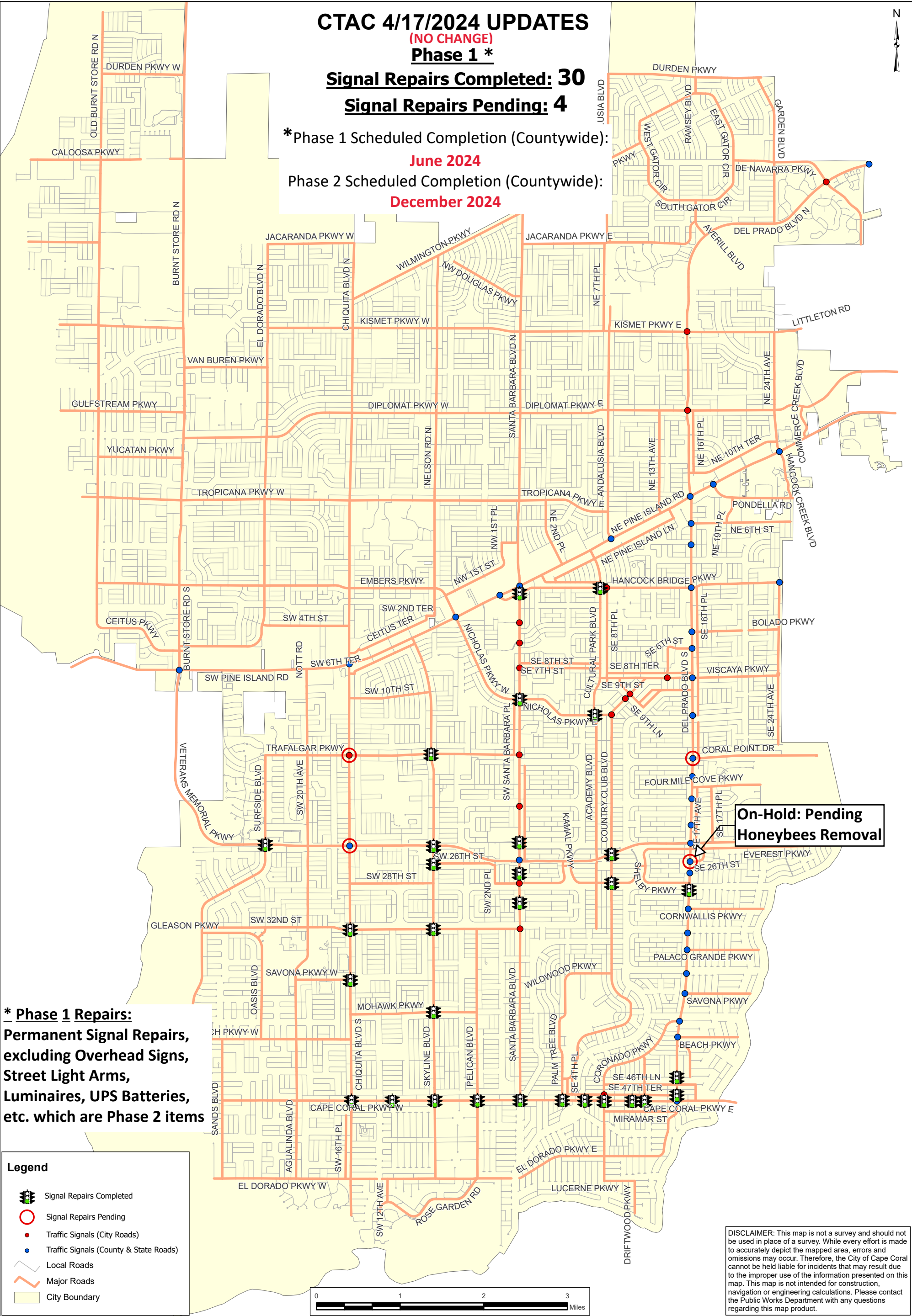
2/7/24 – Reported to CTAC that City sign crews started replacing signs on major roads on 1/30/24.

4/9/24 – From 1/30/24 to 4/9/24, City crews restored 1296 signs and posts major roads. This compares to a total of 740 signs and posts last month averaging 25 signs and posts per work day in March through April. Completed streets are Del Prado (city jurisdiction only), Santa Barbara, Cape Coral Pkwy, and NE 24<sup>th</sup> Ave. Near complete or underway are El Dorado N, Coronado, and Andalusia. Following those will be Country Club and Nelson.

### FORECASTED TIMELINE

1. City sign crews to continue working on major roads. **If their production is not interrupted,\*** signs on major roads should be complete **by 12/31/24.** (This was previously forecast as June 2025.)
2. **June** 2024- FEMA contract projected to begin. Hopefully completed **by 12/31/24.**
3. Public Works is currently in the process of identifying city workers who can enter data for the contractor for the FEMA contract as signs are installed **so our own sign crews are not needed for data entry and their production is not interrupted.\***
4. Public Works is currently refraining from hiring contractors other than those for the FEMA contract (all local roads). (JOC and CMAR contracts or a quote were previously discussed.) It is doubtful that any additional city data collectors (as discussed in #3) would be available beyond those discussed in #3.







**Item Number:** 7.D.  
**Meeting Date:** 4/17/2024  
**Item Type:** OLD BUSINESS

**AGENDA REQUEST FORM**  
CITY OF CAPE CORAL



**TITLE:**

Reserve Request for Resurfacing (Wendy Williams,Principal Engineer)

**SUMMARY:**

**ADDITIONAL INFORMATION:**

**ATTACHMENTS:**

Description	Type
▣ Staff Presentation	Backup Material





# RESURFACING BUDGET NEEDS- URGENT UPDATE

CTAC APRIL 17, 2024



# Resurfacing, Urgent Update

1. This is an urgent update since some decisions need to be made.
2. The Major Road Resurfacing and Spot Paving bids have opened and costs have increased around 40%.
3. The Local Roads bid opens May 7, 2024, and similar high costs are expected.
4. This presentation is to explain the several options that could be chosen.
5. Guidance from CTAC is being requested so Public Works knows the size of contracts to bring to Council for approval.
6. The overall questions pertain to using Gas Tax Reserves and using General Fund Reserves.
7. Some of the numbers are estimates. The Finance Department will assist in final calculations to confirm the funding is as estimated to match Council's request.



# Resurfacing, Recent History 2011 - 2023

1. Historically, \$6.5 Million was allocated yearly for Local and Major Road Resurfacing, Spot Paving, and Pavement Preservation.
2. Lifespans were assumed to be 20-24 years for Local Roads and 10-12 years for Major Roads.





# Projections made July 12, 2023

In the CTAC meeting on July 12, 2023, items were noted:

1. New specifications (thicker Major Roads)
2. Past Major Roads cost increases of 330%.
3. Past Local Roads cost increases of 60%.

Looking at roads in need of resurfacing and their expected lifecycles, cost needs were projected for future needs. Unfortunately, costs have gone up another 40% in one year.

The following figures show the predicted needs as of July 12, 2023,





# From 7/12/23: Resurfacing, Pavement Preservation, and Spot Paving Projection FY2024 and beyond – CITY-WIDE

Projected Yearly Cycle Cost with extended lifecycles (15 years for Majors and 25 years for Locals) and omitting UEP North 1 -5 and Festival Park

MAJOR ROAD RESURFACING (40 Lane-miles)	\$5,700,000
LOCAL ROAD RESURFACING (71 Lane-miles)	\$4,800,000
PAVEMENT PRESERVATION (approx. 50 Lane-miles)	\$500,000
<u>SPOT PAVING (Variable)</u>	<u>\$500,000</u>
<b>TOTAL</b>	<b>\$11,500,000</b>



Of the \$11,500,000 requested for Major and Local Roads, Spot Paving, and Pavement Preservation, proposed budgets are currently:

Proposed Budget 2025	\$7,900,000
Proposed Budget 2026	\$8,400,000
Proposed Budget 2027	\$8,900,000
Proposed Budget 2028	\$9,400,000
Proposed Budget 2029	\$9,900,000

It is unknown at this time if Program modifications will raise these amounts. Also, 2024 was not budgeted with any increases, and the 40% inflation this year had a great impact.



**Resurfacing Needs-** Public Works costs for Spot Paving and Major Road Costs are as “just opened.” Local Road costs are “as estimated” based on the Major Roads.

Spot Paving	\$969,027
Major Roads	\$11,224,443
<u>Local Roads</u>	<u>\$5,391,467* Estimated</u>
<b>TOTAL</b>	<b>\$17,584,937</b>

The large difference over the budget was due to a 40% cost increase, and aligning bids to CTAC’s interest in “catching up” on lifecycles.



# Option 1- Pave every road bid 59 lane miles (Majors) and 42.3 lane miles (Locals)

Using Gas Tax Reserves,

FY 2024 Available Funds\* \$10,500,000

\*(FY24 Adopted \$6,900,000 + \$3,600,000 prior year balance)

Needed for entire contracts \$17,584,937

**Therefore an additional \$ 7,084,937 is needed.**

This would come from Gas Tax Reserves and/or General Funds Reserves.

## MAP TO FOLLOW

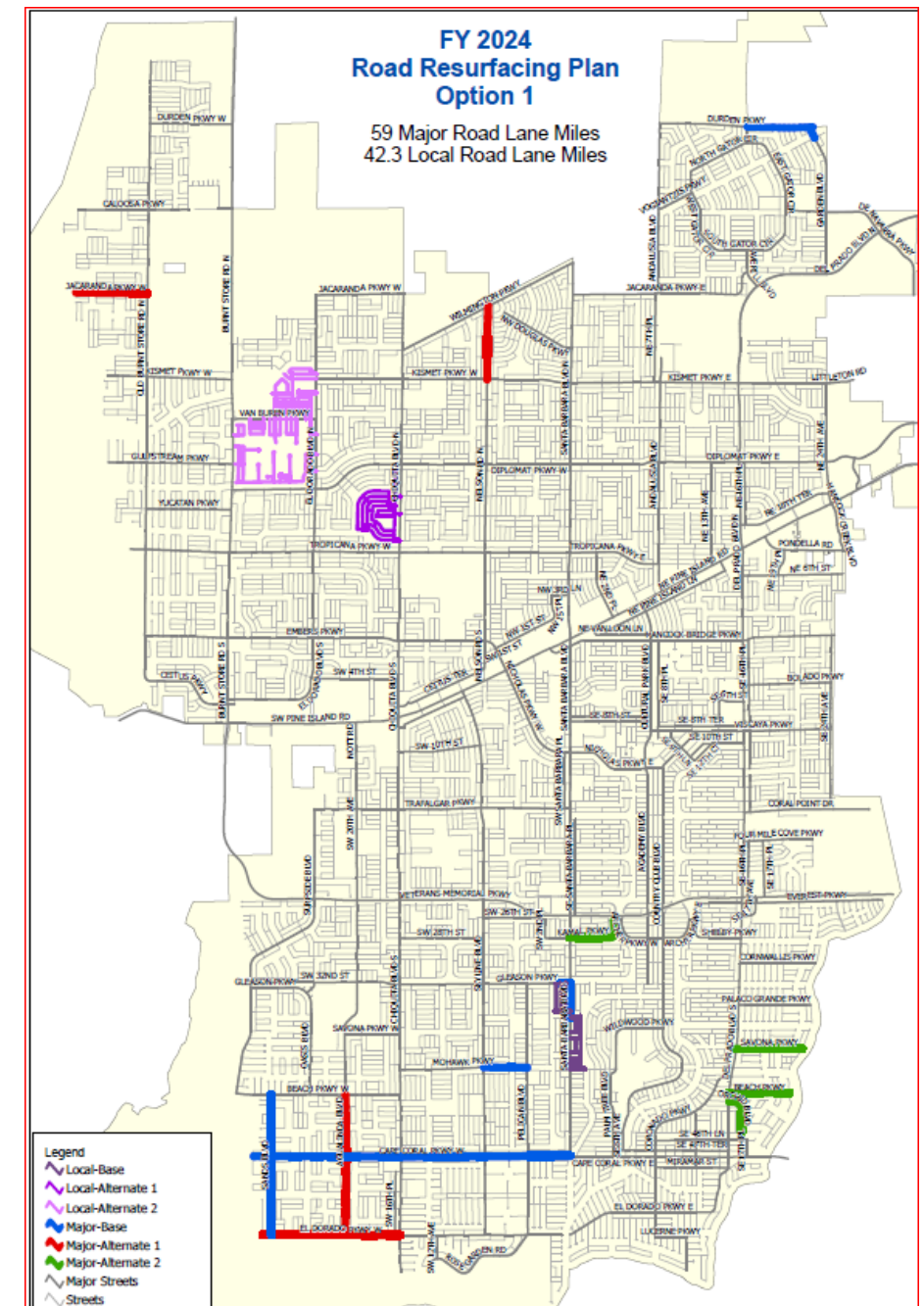
Incidentally, Lee County just decided to use \$7,500,000 from their General Fund reserves for Resurfacing.



# Option 1

Award all paving as bid:

Major Roads  
Local Roads  
Spot Paving





## Option 2- Omit “Alternate 2” of Major Road contract 48.1 lane miles (Majors) and 42.3 lane miles (Locals)

Using Gas Tax Reserves,

FY 2024 Available Funds\* \$10,500,000

\*(FY24 Adopted \$6,900,000 + \$3,600,000 prior year balance)

Needed for all but Alt 2 (Majors) \$15,925,143

**Therefore an additional \$ 5,425,143 is needed.**

This would come from Gas Tax Reserves and/or General Funds Reserves.

**MAP TO FOLLOW**

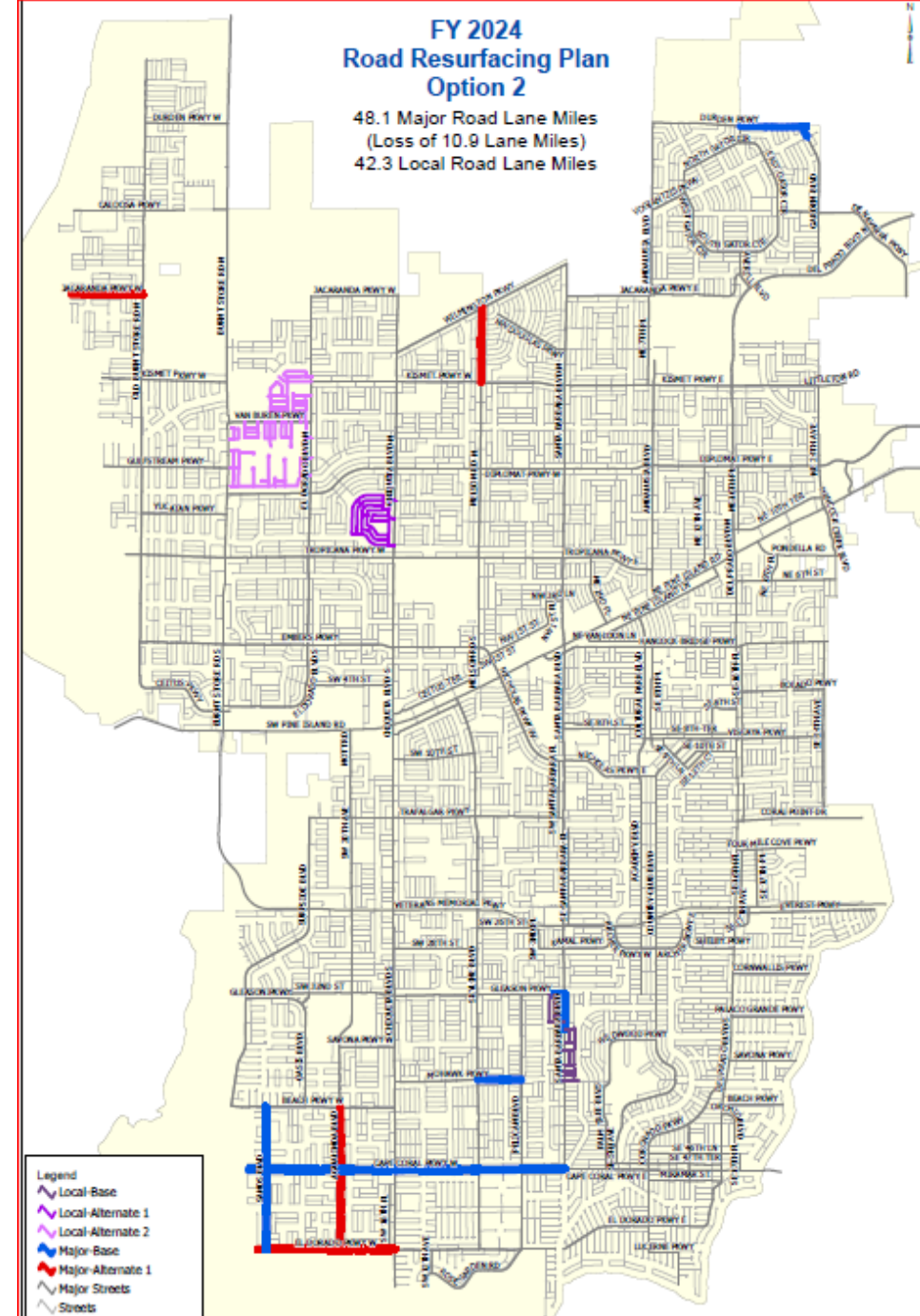


# Option 2

Award Spot Paving as bid

Omit Alternate 2 from Major Roads

Award all planned Local Roads





## Option 3- Omit “Alternates 1&2” of Major Road contract

**28.1 lane miles (Majors) and 42.3 lane miles (Locals)**

Using Gas Tax Reserves,

FY 2024 Available Funds\* \$10,500,000

\*(FY24 Adopted \$6,900,000 + \$3,600,000 prior year balance)

Needed for all but Alt 1 and 2 (Majors) \$13,022,114

**Therefore an additional \$ 2,522,114 is needed.**

This would come from Gas Tax Reserves and/or General Funds Reserves.

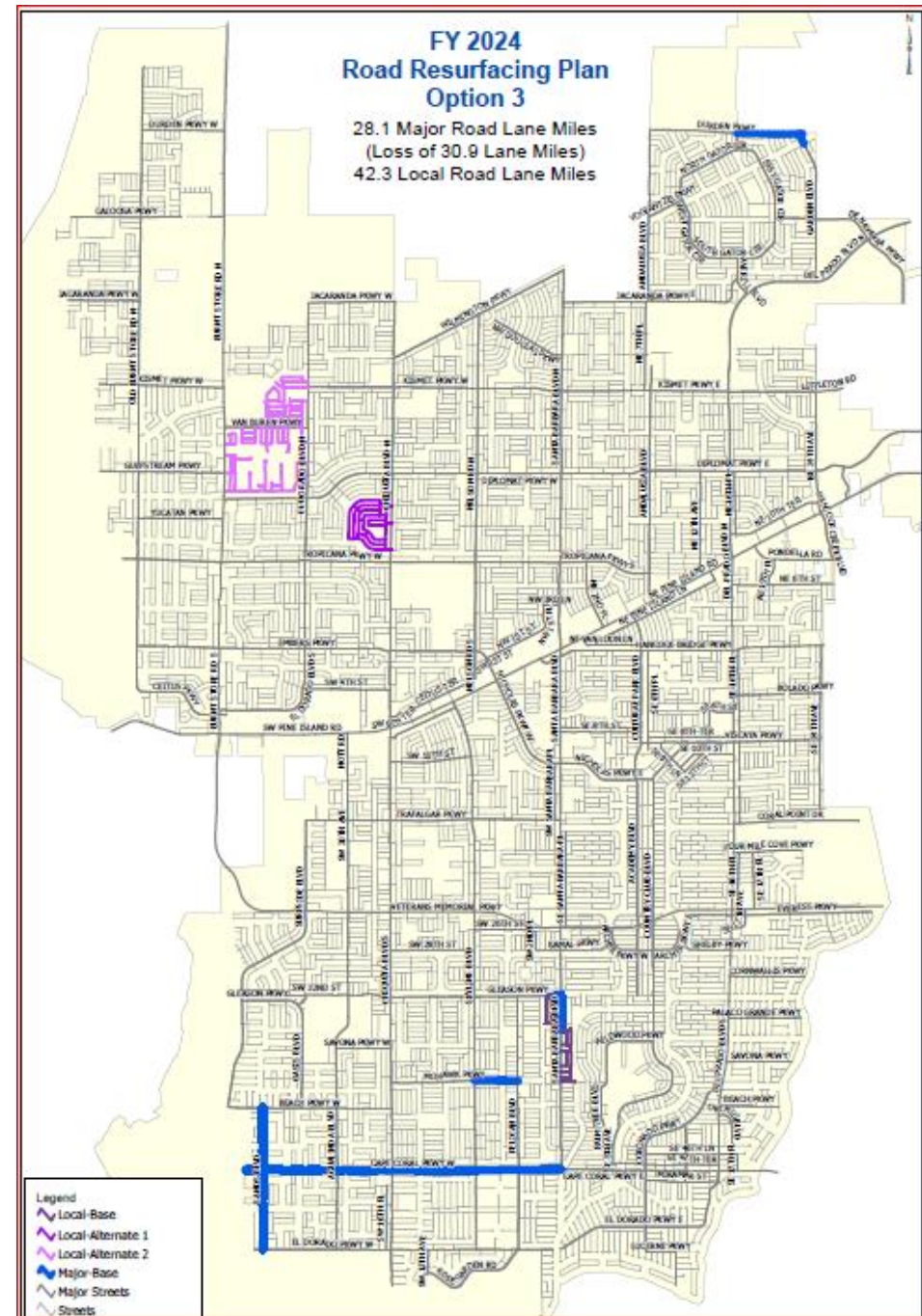


# Option 3

Award Spot Paving as bid

Omit Alternates 1 and 2 from Major Roads

Award all planned Local Roads





## Option 4- Omit “Alternates 1&2” of Major Road contract, omit “Alternate 2 of Local Roads 28.1 lane miles (Majors) and 16.9 lane miles (Locals)

Using Gas Tax Reserves,

FY 2024 Available Funds*	\$10,500,000
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\*(FY24 Adopted \$6,900,000 + \$3,600,000 prior year balance)

Needed for all but Alt 1, 2 (Majors) & Alt 2 (Locals)	\$9,980,390
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<b>Therefore no addition funds are needed {surplus}</b>	<b>\$ 519,610</b>
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This would have the largest impact on pavement lifecycle slippage and increase of future potholes.

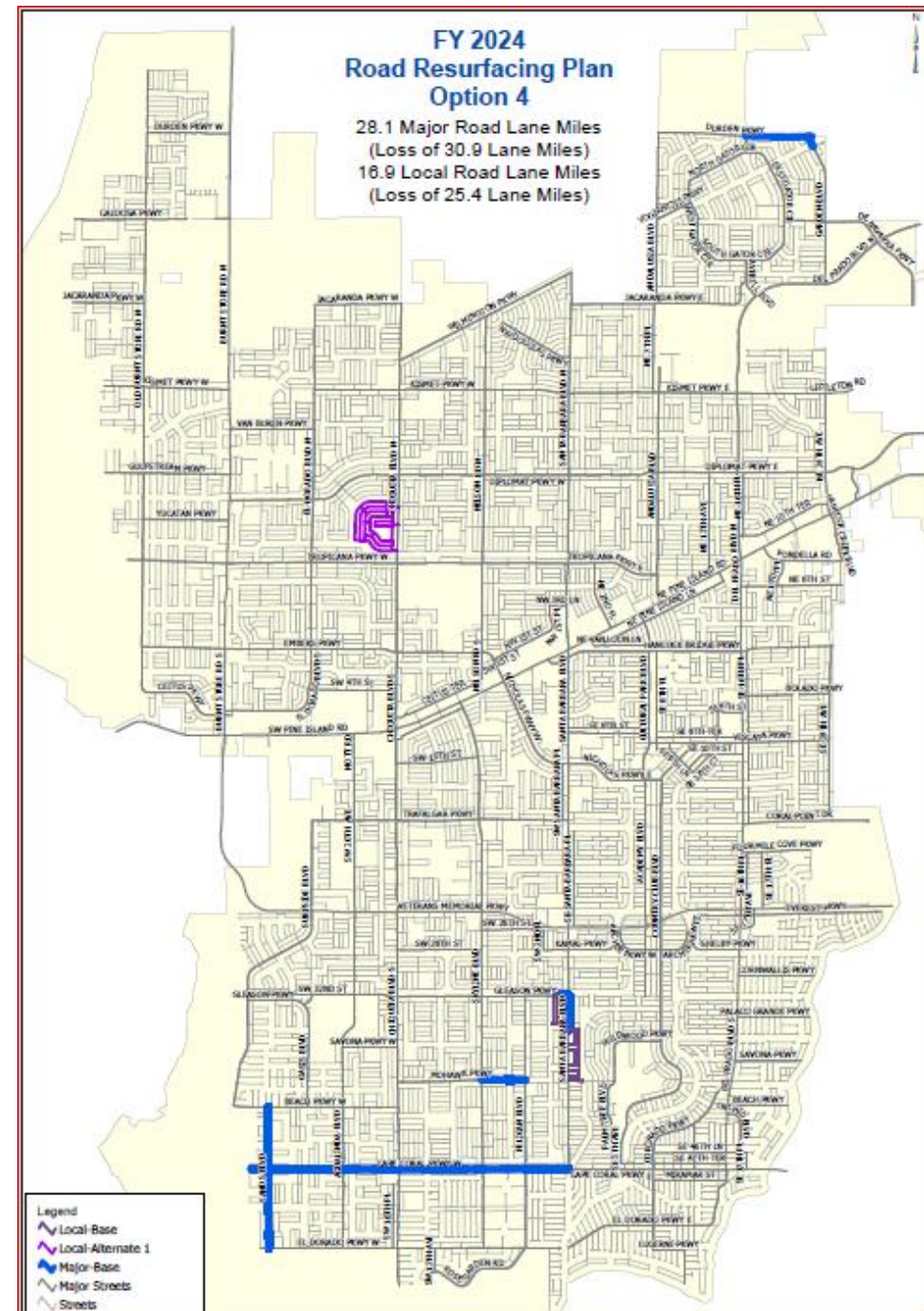


# Option 4

Award Spot Paving as bid

Omit Alternates 1 and 2 from Major Roads

Omit Alternate 2 from Local Roads





# Options

Public Works Transportation is requesting direction from CTAC on the question of using reserves be aggressive in the Paving Program in order to not fall further behind in pavement age (Lifecycle status) and not increase pothole formation.

<b>Option 1:</b>	Needed for entire contracts	\$17,584,937	\$ 7,084,937 is needed
<b>Option 2:</b>	Reduced Major contract	\$15,925,143	\$ 5,425,143 is needed
<b>Option 3:</b>	More Reduced Major contract	\$13,022,114	\$ 2,522,114 is needed
<b>Option 4:</b>	Reduced Major and Locals contracts	\$9,980,114	
	No reserves needed	\$ 0	



Thank you  
Any Questions?





Item Number:	8.A.
Meeting Date:	4/17/2024
Item Type:	WORKSHOP DISCUSSIONS

**AGENDA REQUEST  
FORM**  
CITY OF CAPE CORAL



**TITLE:**

Adopt a Median Policy Changes (Omar Leon, City Arborist)

**SUMMARY:**

**ADDITIONAL INFORMATION:**

**ATTACHMENTS:**

Description	Type
<input type="checkbox"/> Staff Presentation	Backup Material





# | MEDIAN BEAUTIFICATION PROGRAM POLICY CTAC 4/17/2024



# Presentation Outline

1. Goal of the Median Beautification Program
2. Current Projects
3. Challenges
4. Proposed Updates
5. Questions and Feedback





# Goals of the Median Beautification Program

1. The program allows residents, businesses, and organizations to fund the “Beautification” of a median and install landscaping in accordance with city approved design elements.
2. Establishes landscape standards throughout the city to include theming and intensity levels.





# Recent Projects

1. Ceitus Median
  - a) Phase 1 and Phase 2 complete
2. Sands Medians
  - a) Phase 1 complete
  - b) Awaiting completion of phase 2
3. Agualinda Median
  - a) Phase 1 complete
  - b) Awaiting completion of phase 2





# Upcoming Projects

## 1. Skyline Median

- a) Curbed and POC connection completed
- b) Awaiting completion of previous projects to commence

## 2. Surfside Median

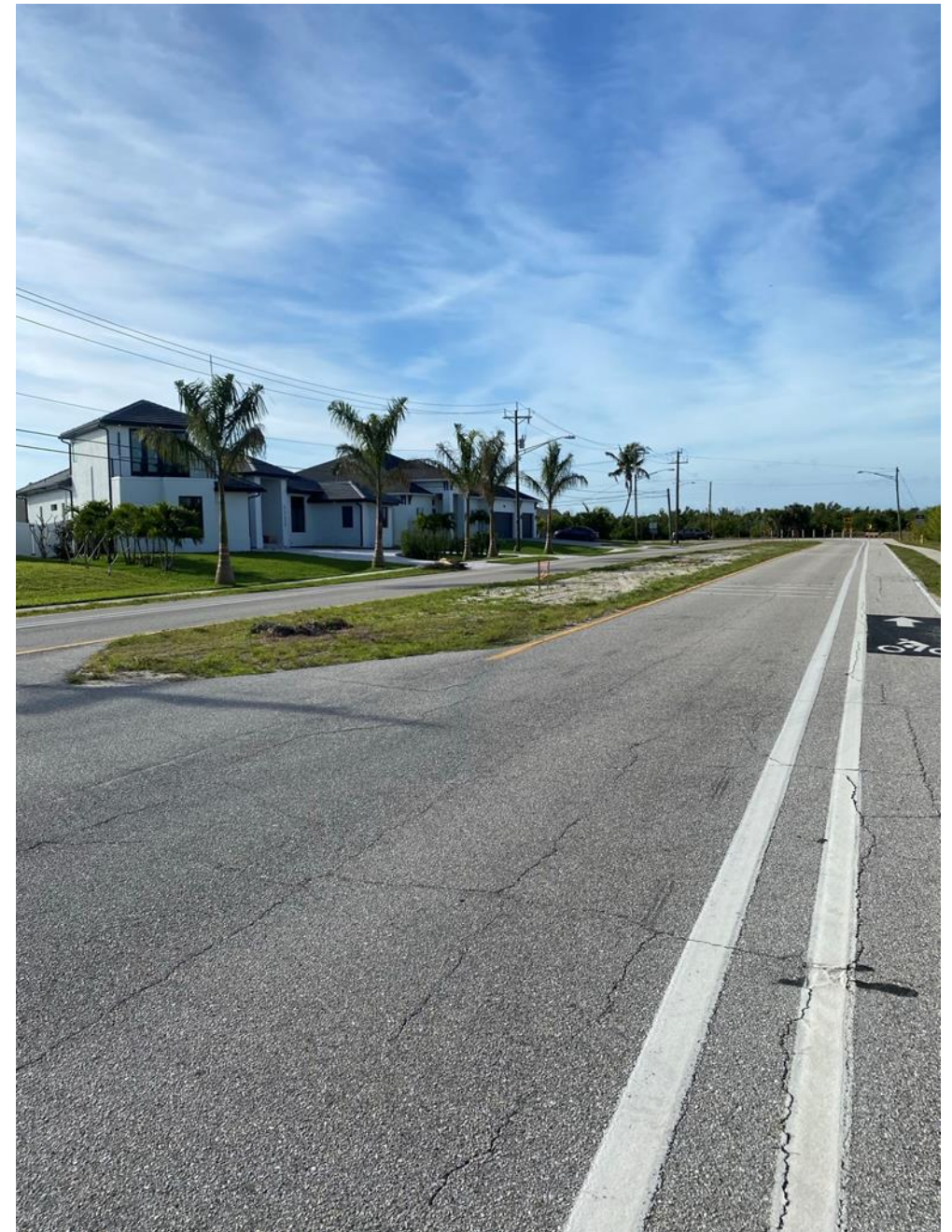
- a) POC completed
- b) Working on curbing and soil amendments





# Program Challenges

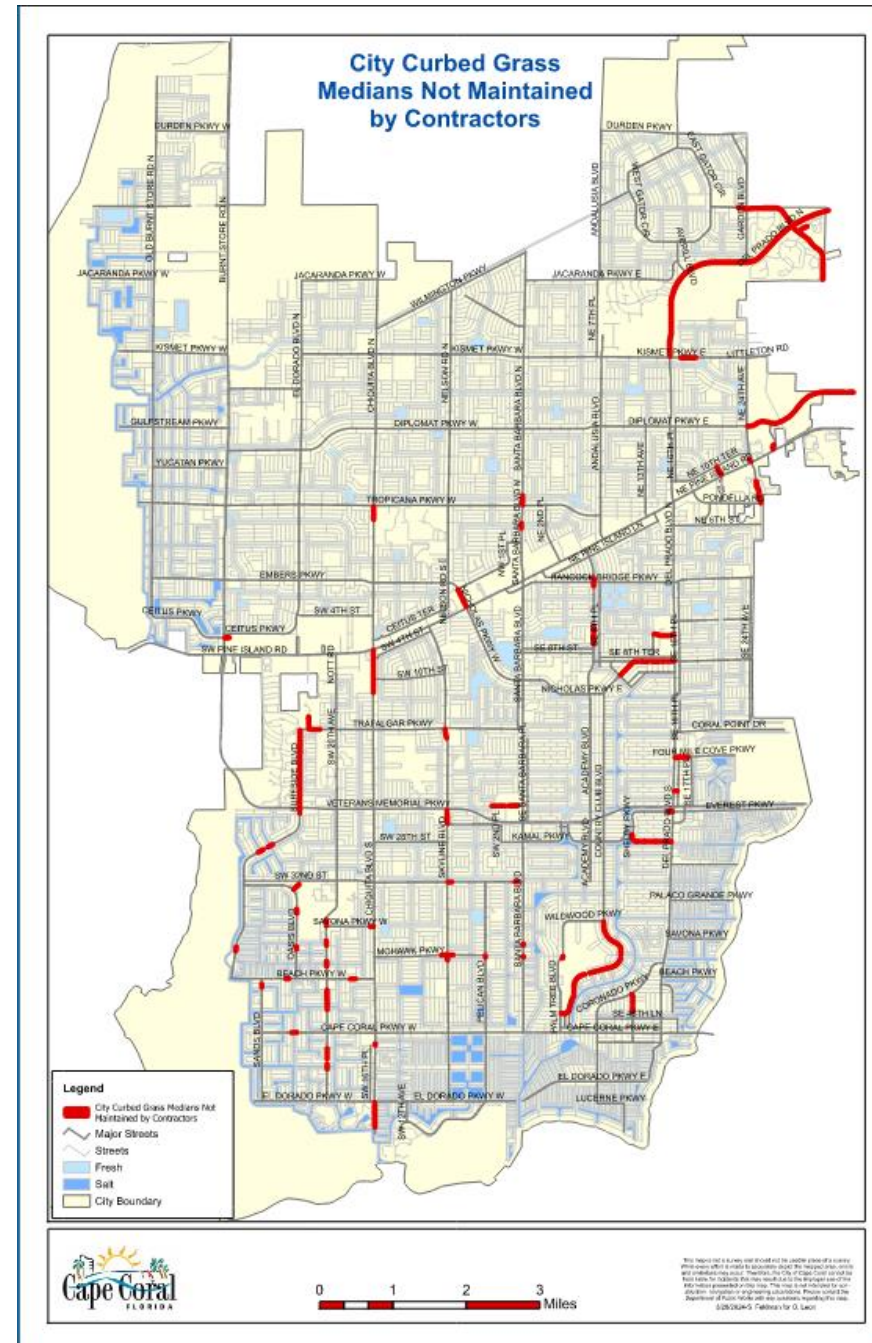
1. Rising cost of material
2. Project turnaround times
3. Project feasibility
4. Long term Maintenance





# Proposed Updates

1. Introduction of approved medians for adoption
2. Potential reduction of scope for complete installation





# Approved Median List

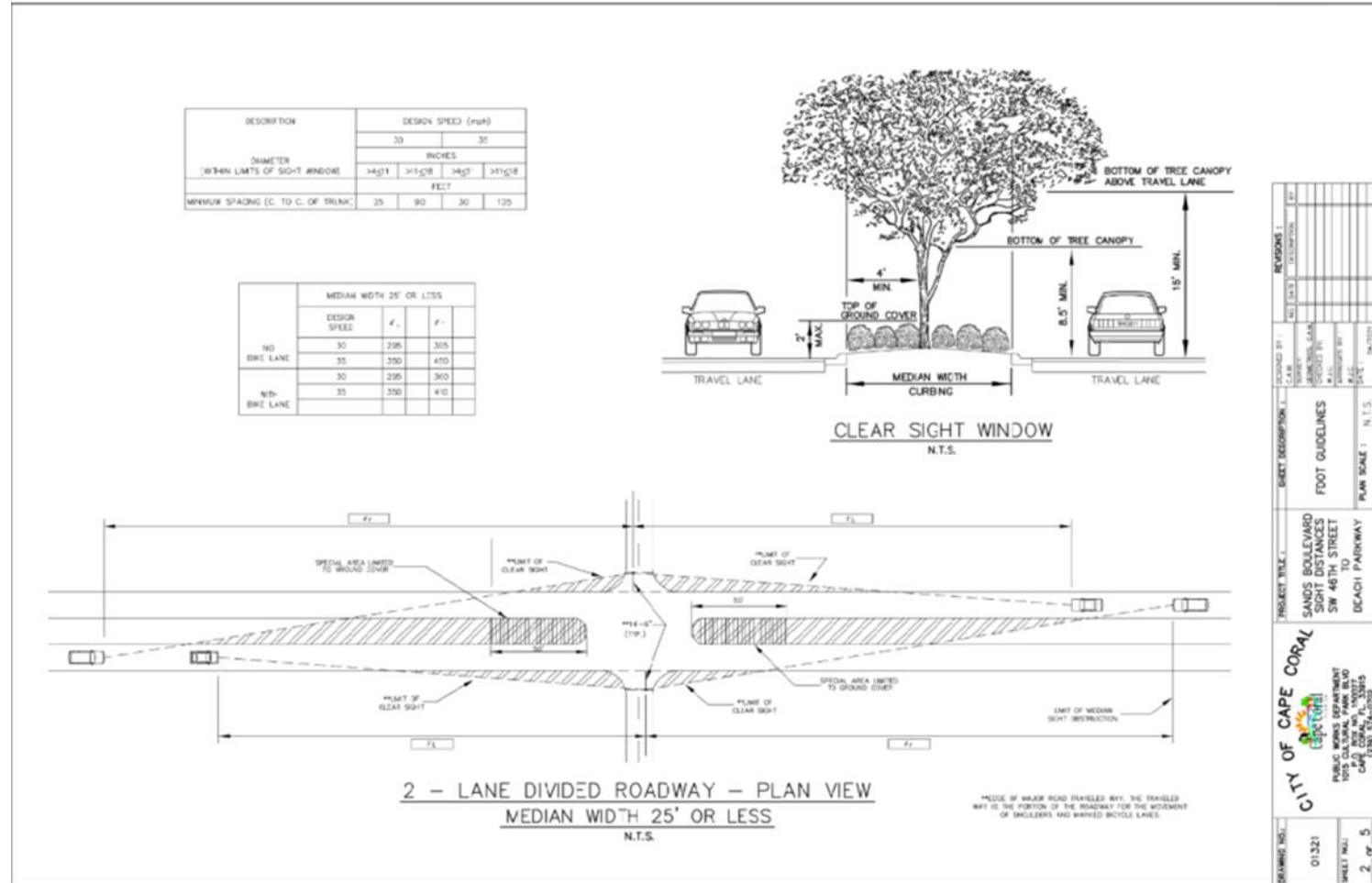
1. Over 12 miles of Curbed Unimproved medians
2. Capable of varies levels of adoption





# Proposed Reduction in Applicant Scope

- a. Phase (1) to include at a minimum:
  - i. Irrigation
  - ii. Trees/palms
  - iii. Sod
  - iv. Mulch
- b. Phase (2)
  - i. Ground cover
  - ii. Shrubs
  - iii. Irrigation revisions
  - iv. Additional landscape theming
  - v. Any additional mulch





# Topics for Discussion

1. Should we revise program procedures to only allow adoption of predetermined medians which have been curbed?
2. Should we revise the program to allow for the acceptance of project completion based on completion of one of the two available phases as approved by city staff?



Thank you  
Any Questions?

