



**Cape Coral CRA  
Downtown Traffic Study**

**Proposed Improvements**

Short-Term (2006-2007)

Mid-Term (2015)

Long-Term (2030)

Public Information Session

February 16, 2006

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CAPE CORAL CRA DOWNTOWN TRAFFIC STUDY  
(2006-2007)

**SHORT-TERM IMPROVEMENTS**

| No. | Location                                 | Improvement                                                                                                                                                                                                                                                 | Benefit                                                                              |
|-----|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|     | <b>Area Wide Improvements</b>            | Add advance street name signs at all signalized intersections                                                                                                                                                                                               | Reduces lane changing at intersection                                                |
|     |                                          | Upgrade all street name signs to Federal standards                                                                                                                                                                                                          | Safety - Improved visibility                                                         |
|     |                                          | Provide illuminated street name signs at all signalized intersections                                                                                                                                                                                       | Safety- Improved visibility at night                                                 |
|     |                                          | Add missing traffic signal backplates for east-west signals                                                                                                                                                                                                 | Safety - Reduces glare from sun                                                      |
|     |                                          | Install missing pavement markings on side streets                                                                                                                                                                                                           | Safety- Provides clear lane designations                                             |
|     |                                          | Retime entire signal system to include off-peak timing patterns                                                                                                                                                                                             | Reduce delays and crashes                                                            |
|     |                                          | Upgrade all marked crosswalks (except at stop controlled approaches) to high visibility markings by placing longitudinal markings outside of wheel paths                                                                                                    | Safety - Greater visibility, reduced maintenance on major roads                      |
|     |                                          | Install countdown pedestrian signals at all signalized pedestrian crosswalks                                                                                                                                                                                | Safety - encourages pedestrians to finish crossing before conflicting traffic starts |
|     |                                          | Place walk signals for all minor street crossings on recall along with the concurrent green traffic signal                                                                                                                                                  | Safety - Reduces pedestrian delay, encouraging safe crossing behavior.               |
| 1   | <b>Cape Coral Pkwy</b>                   | Change four-lane section of Cape Coral to six-lane by using the outside parking lane/right-turn lane. Option of maintaining on-street parking during the off-peak hours.                                                                                    | Reduces delays                                                                       |
| 2   | <b>Cape Coral Pkwy at Santa Barbara</b>  | Remove the "ONLY" pavement markings in the inside westbound through lane on Cape Coral Pkwy                                                                                                                                                                 | Safety - Eliminates driver confusion                                                 |
|     | <b>Cape Coral Pkwy at Santa Barbara</b>  | Add a "No Right Turn on Red" sign for the southbound right turn lane.                                                                                                                                                                                       | Safety- Sight distance blocked                                                       |
| 3   | <b>Cape Coral Pkwy at Santa Barbara</b>  | Add a pedestal mounted traffic signal with a pedestrian signal in the NE corner. Remove the pedestrian signal pole in the island and re-time the signal so the westbound right turn is stopped during the north leg walk and pedestrian clearance intervals | Safety - reduces pedestrian/vehicle conflicts                                        |
| 4   | <b>Cape Coral Pkwy at Palm Tree Blvd</b> | Add a southbound right-turn overlap signal phase                                                                                                                                                                                                            | Reduce delays on Palm Tree                                                           |
| 5   | <b>Cape Coral Pkwy at Palm Tree Blvd</b> | Add a "Right Turns Must Yield to U-turns" sign on southbound Palm Tree                                                                                                                                                                                      | Safety - Reduces conflicts                                                           |
| 6   | <b>Cape Coral Pkwy at Palm Tree Blvd</b> | Add a 3-second leading pedestrian interval for crossing Cape Coral Parkway                                                                                                                                                                                  | Safety - improves pedestrian visibility and reduces pedestrian/vehicle conflicts     |
| 7   | <b>Cape Coral Pkwy at SE 6th/Tarpon</b>  | Add a 3-second leading pedestrian interval for crossing Cape Coral Parkway                                                                                                                                                                                  | Safety - improves pedestrian visibility and reduces pedestrian/vehicle conflicts     |
| 8   | <b>Cape Coral Pkwy at Coronado Pkwy</b>  | Change the two eastbound left-turn lanes to one. Remove the left-turn only markings and signs in conjunction.                                                                                                                                               | Reduce overall delays                                                                |

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| No. | Location                           | Improvement                                                                                                                                                                                  | Benefit                                                                          |
|-----|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| 9   | Cape Coral Pkwy at Coronado Pkwy   | Lengthen the single eastbound left-turn lane                                                                                                                                                 | Safety and reduce delays                                                         |
| 10  | Cape Coral Pkwy at Coronado Pkwy   | Change the Cape Coral Pkwy left-turn signals from protected only to protected/permissive                                                                                                     | Reduces delays                                                                   |
| 11  | Cape Coral Pkwy at Coronado Pkwy   | Add a blank-out "No Turn on Red" sign facing southbound and eastbound traffic. The sign would be lit up during the walk and clearance interval for the north, south and west leg crosswalks. | Safety - reduces pedestrian/vehicle conflicts                                    |
| 12  | Cape Coral Pkwy at SE 8th Place    | Install raised concrete island on Cape Coral Pkwy                                                                                                                                            | Safety - reduce angle crashes                                                    |
| 13  | Cape Coral Pkwy at SE 9th Place    | Install raised concrete island on Cape Coral Pkwy                                                                                                                                            | Safety - reduces angle crashes                                                   |
| 14  | Cape Coral Pkwy at SE 10th/Leonard | Add a 3-second leading pedestrian interval for crossing Cape Coral Parkway                                                                                                                   | Safety - improves pedestrian visibility and reduces pedestrian/vehicle conflicts |
| 15  | Cape Coral Pkwy at Vincennes Blvd  | Change the Cape Coral Pkwy left-turn signals from protected only to protected/permissive                                                                                                     | Reduces delays                                                                   |
| 16  | Cape Coral Pkwy at SE 15th Ave     | Install raised concrete island on Cape Coral Pkwy                                                                                                                                            | Safety - reduces angle crashes                                                   |
| 17  | Cape Coral Pkwy at Del Prado Blvd  | Change the existing southbound through lane on Del Prado to a shared left-through lane and change to a split phase signal operation on Del Prado                                             | Reduces delays                                                                   |
| 18  | Cape Coral Pkwy at Del Prado Blvd  | Install signs and markings for southbound lane usage (L, L, LT, R).                                                                                                                          | Safety                                                                           |
| 19  | Cape Coral Pkwy at Del Prado Blvd  | Change the northbound through lane on Del Prado to a shared through-right turn lane                                                                                                          | Reduces delays                                                                   |
| 20  | Cape Coral Pkwy at Del Prado Blvd  | Install signs and markings for northbound lane usage (L, T, TR, R).                                                                                                                          | Safety                                                                           |
| 21  | Cape Coral Pkwy at Del Prado Blvd  | Restrict the westbound left-turn movement during the AM peak hour only.                                                                                                                      | Reduce delays                                                                    |
| 22  | Cape Coral Pkwy at SE 17th Ave     | Add a westbound left-turn lane onto Waikiki Ave                                                                                                                                              | Reduce delays at Del Prado intersection                                          |
| 23  | Cape Coral Pkwy at SE 17th Ave     | Remove the pedestrian crosswalk and signs                                                                                                                                                    | Safety                                                                           |
| 24  | Cape Coral Pkwy at SE 17th Pl      | Remove one-way operation                                                                                                                                                                     | Provide for better traffic circulation                                           |
| 25  | Cape Coral Pkwy at SE 17th Pl      | Install traffic signal                                                                                                                                                                       | Provides alternate access for motorists traveling to the Cape Coral Bridge       |

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(2006-2007)

SHORT-TERM IMPROVEMENTS

| No. | Location                             | Improvement                                                                                                                                     | Benefit                                                                                                |
|-----|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| 26  | Cape Coral Pkwy at SE 17th Pl        | Provide for two southbound left-turn lanes                                                                                                      | Improves circulation and provides additional capacity for motorists traveling to the Cape Coral Bridge |
| 27  | Cape Coral Pkwy at SE 17th Pl        | Install a pedestrian signal for crossing Cape Coral Parkway concurrent with double left turn from 17th Place. Add a leading Pedestrian Interval | Safety and pedestrian friendliness - provides a signalized crossing where none exists                  |
| 28  | Cape Coral Pkwy, East of SE 17th Ave | Replace the two-way left-turn lane with a raised median with two openings                                                                       | Safety - reduces vehicle conflicts                                                                     |
| 29  | Cape Coral Pkwy at Welcome Center    | Add a right turn deceleration lane into the Welcome Center                                                                                      | Safety - reduces vehicle conflicts                                                                     |
| 30  | SE 47th Terrace at SE 6th Ave        | Install flexible posts on SE 47th Terr to restrict separate right-turn movement, perform delay study and monitor intersection                   | Reduce angle crashes                                                                                   |
| 31  | SE 47th Terrace at SE 10th Place     | Install flexible posts on SE 47th Terr to restrict separate right-turn movement, perform delay study and monitor intersection                   | Reduce angle crashes                                                                                   |
| 32  | SE 47th Terrace at SE 15th Ave       | Install flexible posts on SE 47th Terr to restrict separate right-turn movement, perform delay study and monitor intersection                   | Reduce angle crashes                                                                                   |
| 33  | Coronado Pkwy at SE 47th Terrace     | Install protected/permitted left-turn signals on SE 47th Terr                                                                                   | Reduce delays                                                                                          |
| 34  | Del Prado Blvd at SE 47th Terrace    | Add a 3-second leading pedestrian interval for crossing Del Prado Boulevard                                                                     | Safety - improves pedestrian visibility and reduces pedestrian/vehicle conflicts                       |
| 35  | Del Prado Blvd at SE 47th Terrace    | Retime signal to run on double cycle to reduce long red times on Del Prado Blvd.                                                                | Safety - reduce red light runners on Del Prado Blvd.                                                   |
| 36  | Del Prado Blvd at SE 46th Street     | Add a 3-second leading pedestrian interval for crossing Del Prado Boulevard                                                                     | Safety - improves pedestrian visibility and reduces pedestrian/vehicle conflicts                       |
| 37  | Del Prado Blvd at SE 46th Street     | On SE 46th St. approaches, change the lane usage from a shared left-through lane to a shared through-right turn lane                            | Reduces delays                                                                                         |
| 38  | Del Prado Blvd at Beach Parkway      | Add a 3-second leading pedestrian interval for crossing Del Prado Boulevard                                                                     | Safety - improves pedestrian visibility and reduces pedestrian/vehicle conflicts                       |
| 39  | Miramar St at Del Prado Blvd         | Change the eastbound single lane approach to a separate left and through-right-turn lane                                                        | Reduces delays                                                                                         |

CAPE CORAL CRA DOWNTOWN TRAFFIC STUDY  
(2015)

MID-TERM IMPROVEMENTS

| No. | Location                                     | Improvement                                                                                                                            | Benefit                                                                                                                                             |
|-----|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
|     | <b>Area Wide Improvements</b>                | Typical sections proposed to provide wider sidewalks and on-street parking where possible within existing right-of-way                 | Provide a pedestrian friendly downtown                                                                                                              |
|     |                                              | Add curb extensions at intersections with on-street parking                                                                            | Safety - Reduces crossing distance for pedestrians and increases visibility of pedestrians                                                          |
|     |                                              | Add curb extensions with landscaping intermittent along streets with on-street parking                                                 | Safety - Reduces crossing distance for pedestrians and increases motorists' visibility of pedestrians. Provides downtown beautification and shading |
| 1   | <b>SE 46th Lane, Coronado to SE 17th PI</b>  | Widen from a two-lane roadway to a four-lane roadway with turn lanes at significant intersections                                      | Provide additional traffic capacity for improved circulation                                                                                        |
| 3   | <b>Coronado at SE 46th Lane</b>              | Install a traffic signal in conjunction with the SE 46th Lane widening when meets warrant criteria (option of installing a roundabout) | Alternative traffic control needed with increased volume                                                                                            |
| 4   | <b>Vincennes at SE 46th Lane</b>             | Install a traffic signal in conjunction with the SE 46th Lane widening when meets warrant criteria (option of installing a roundabout) | Alternative traffic control needed with increased volume                                                                                            |
| 4   | <b>Del Prado at SE 46th Lane</b>             | Widen intersection to provide 1 left-turn lane, 2 through lanes, and 1 right-turn lane on SE 46th Lane                                 | Provide additional traffic capacity for improved circulation                                                                                        |
| 5   | <b>Del Prado at SE 46th Lane</b>             | Install traffic signal in conjunction with widening along SE 46th Ave and removal of signal at SE 44th St                              | Increased traffic control needed with increased volume                                                                                              |
| 6   | <b>Del Prado at SE 46th Lane</b>             | Lengthen southbound left-turn lane                                                                                                     | Longer lane needed for increased volume                                                                                                             |
| 7   | <b>Cape Coral Pkwy at Santa Barbara Blvd</b> | Modify the westbound right-turn lane radius and enlarge the concrete island                                                            | Safety - Refuge for pedestrians and larger island slows motorists down in advance of the intersection. Reduce collisions with island.               |
| 8   | <b>Cape Coral Pkwy at Santa Barbara Blvd</b> | Add a southbound right-turn lane and revise markings and signals to provide three southbound left-turn lanes                           | Reduce delays                                                                                                                                       |
| 9   | <b>Cape Coral Pkwy at Palm Tree Blvd.</b>    | Add a second eastbound left-turn lane to provide for traffic growth                                                                    | Reduce delays                                                                                                                                       |
| 10  | <b>Cape Coral Pkwy at Coronado Pkwy</b>      | Provide for two eastbound left-turn lanes and lengthen the eastbound right-turn lane                                                   | Provide additional traffic capacity for growth                                                                                                      |
| 11  | <b>Cape Coral at SE 8th Ct/Chester St</b>    | Modify intersection for a directional westbound left-turn only                                                                         | Reduce vehicle movements to provide for safer pedestrian crossing                                                                                   |

CAPE CORAL CRA DOWNTOWN TRAFFIC STUDY  
(2015)

MID-TERM IMPROVEMENTS

| No. | Location                                            | Improvement                                                                                             | Benefit                                                                              |
|-----|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| 12  | Cape Coral at SE 8th Ct/Chester St                  | Install a marked pedestrian crosswalk with advance yield lines                                          | Design provides for pedestrian refuge in the median                                  |
| 13  | Cape Coral Pkwy at SE 9th Place                     | Install traffic signal to improve traffic flow on Cape Coral Pkwy                                       | Improved traffic flow with signal spacing                                            |
| 14  | Cape Coral Pkwy at SE 10th Place                    | Remove traffic signal and install at SE 9th Place                                                       | Improved traffic flow with signal spacing                                            |
| 15  | Cape Coral Pkwy at SE 10th Place                    | Modify intersection for a directional eastbound left-turn only                                          | Reduce vehicle movements to provide for safer pedestrian crossing                    |
| 16  | Cape Coral Pkwy at SE 10th Place                    | Install a marked pedestrian crosswalk with advance yield lines                                          | Mid-block provides pedestrian refuge in the median                                   |
| 17  | Cape Coral Pkwy, east of Vincennes                  | Install a marked pedestrian crosswalk with advance yield lines                                          | Mid-block provides pedestrian refuge in the median                                   |
| 18  | Cape Coral Pkwy at Del Prado Blvd                   | Change the northbound shared through-right turn lane from the short-term improvements to a through lane | Additional right-turn capacity not needed with other mid-term improvements           |
| 19  | Cape Coral Pkwy at Waikiki                          | Provide for a free flow northbound right-turn lane onto Cape Coral Pkwy                                 | Reduces delays and improves traffic circulation                                      |
| 20  | Cape Coral Pkwy at Waikiki                          | Add a westbound left-turn lane from Cape Coral Pkwy onto Waikiki                                        | Reduces delays at Del Prado and improves traffic circulation                         |
| 21  | Cape Coral Pkwy at SE 17th PI                       | Lengthen westbound right-turn lane onto SE 17th Place                                                   | Reduces delays                                                                       |
| 22  | Cape Coral Pkwy at SE 17th PI                       | Add a southbound right-turn lane                                                                        | Reduces delays                                                                       |
| 23  | Cape Coral Pkwy at SE 17th PI                       | Remove westbound u-turn lane from short-term improvements                                               | U-turn not needed with frontage road                                                 |
| 24  | New Frontage Road                                   | Add frontage road that extends under the bridge to provide cross-access on Cape Coral Pkwy              | Safety - eliminates unsafe maneuvers across Cape Coral Pkwy and improves circulation |
| 25  | SE 17th Place, from SE 46th Lane to Cape Coral Pkwy | Widen from two lanes to three lanes to provide for continuation of the widening along SE 46th Lane      | Provide additional traffic capacity for improved circulation                         |
| 26  | Coronado Pkwy at Miramar St                         | Install a roundabout in conjunction with other improvements                                             | Reduce intersection delays                                                           |
| 27  | Miramar, from Coronado to Vincennes                 | Add eastbound left-turn lanes at intersections of SE 9th, SE 10th and Vincennes                         | Improves access, reduces delays                                                      |

CAPE CORAL CRA DOWNTOWN TRAFFIC STUDY  
(2015)

MID-TERM IMPROVEMENTS

| No. | Location                                                                                                                                                                      | Improvement                                                                                                                                                                                                               | Benefit                                                                                                     |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| 28  | Miramar St at Cape Coral St                                                                                                                                                   | Install a roundabout                                                                                                                                                                                                      | Reduces delays, crashes and improves circulation                                                            |
| 29  | Miramar St at Del Prado                                                                                                                                                       | Install a roundabout                                                                                                                                                                                                      | Reduces delays, crashes and improves circulation                                                            |
| 30  | Del Prado at SE 47th Terrace                                                                                                                                                  | Remove traffic signal - modify intersection for a southbound directional opening                                                                                                                                          | Improves traffic flow on Del Prado and reduces vehicle conflicts associated with close proximity of signals |
| 31  | Del Prado at SE 46th St                                                                                                                                                       | Remove traffic signal and install concrete island for directional left-turns                                                                                                                                              | Provides improved traffic flow on Del Prado Blvd                                                            |
| 32  | Del Prado at SE 44th St                                                                                                                                                       | Install traffic signal for improved signal spacing                                                                                                                                                                        | Provides improved traffic flow on Del Prado Blvd                                                            |
| 33  | Del Prado at Coronado Parkway                                                                                                                                                 | Add southbound right-turn lane                                                                                                                                                                                            | Reduces delays                                                                                              |
| 34  | Lafayette St from SE 9th to Vincennes                                                                                                                                         | Extend Lafayette St to provide east-west connection                                                                                                                                                                       | Improves circulation                                                                                        |
| 35  | Three new north-south streets between Vincennes and Del Prado                                                                                                                 | Add two north-south streets that extend south from Cape Coral Pkwy to Miramar St and one that extends north from Cape Coral Pkwy to SE 46th Lane                                                                          | Improves circulation                                                                                        |
| 36  | SE 8th Ct Extensions                                                                                                                                                          | Extend SE 8th Ct north to SE 46th Lane and south to Miramar St                                                                                                                                                            | Improves circulation                                                                                        |
| 37  | Palm Tree at SE 47th Terr<br>SE 6th Ave at Se 47th Terr<br>SE 9th Pl at SE 47th Terr<br>Vincennes at SE 47th Terr<br>SE 15th Ave at SE 47th Terr<br>Palm Tree at SE 46th Lane | Install a roundabout                                                                                                                                                                                                      | Reduces delays, crashes and improves circulation                                                            |
| 38  | Club Square                                                                                                                                                                   | Add parking structures to replace parking lot spaces and utilize Club Square for shops and pedestrian use only (option of extending SE 47th St through Club Square and installing a roundabout at SE 10th and SE 47th St) | Provides for a Downtown Center                                                                              |

CAPE CORAL CRA DOWNTOWN TRAFFIC STUDY  
(2030)

**LONG-TERM IMPROVEMENTS**

| No. | Location                                            | Improvement                                                                                                      | Benefit                                                                                     |
|-----|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| 1   | SE 46th Lane, Santa Barbara to SE 6th Ave           | Extend SE 46th Lane between Santa Barbara and SE 6th Ave as a four-lane roadway                                  | Provide east-west connection to provide additional capacity and improve traffic circulation |
| 2   | SE 46th Lane at Del Prado Blvd                      | Provide for two eastbound right-turn lanes onto Del Prado                                                        | Additional capacity needed for right-turn volume onto the flyover                           |
| 3   | Cape Coral Bridge                                   | Widen Cape Coral Bridge from four lanes to eight lanes                                                           | Provide additional traffic capacity due to traffic growth                                   |
| 4   | Del Prado, between SE 46th Lane and Cape Coral Pkwy | Add a two-lane left-turn flyover bridge that begins south of SE 46th Lane and ends west of the Cape Coral Bridge | Reduce traffic delays and crashes associated with congested area                            |
| 5   | Del Prado at SE 47th Terr                           | Reinstall signal in conjunction with reduced volumes on Del Prado due to left-turn flyover                       | Improves circulation for downtown traffic                                                   |
| 6   | Outside study area                                  | Investigate locations for an additional bridge across the Caloosahatchee River                                   | Reduce delays and conflicts in study area                                                   |