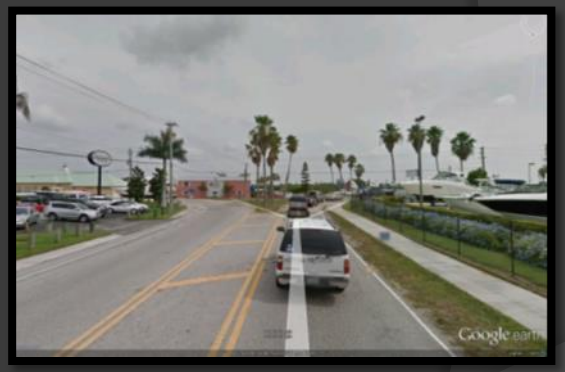


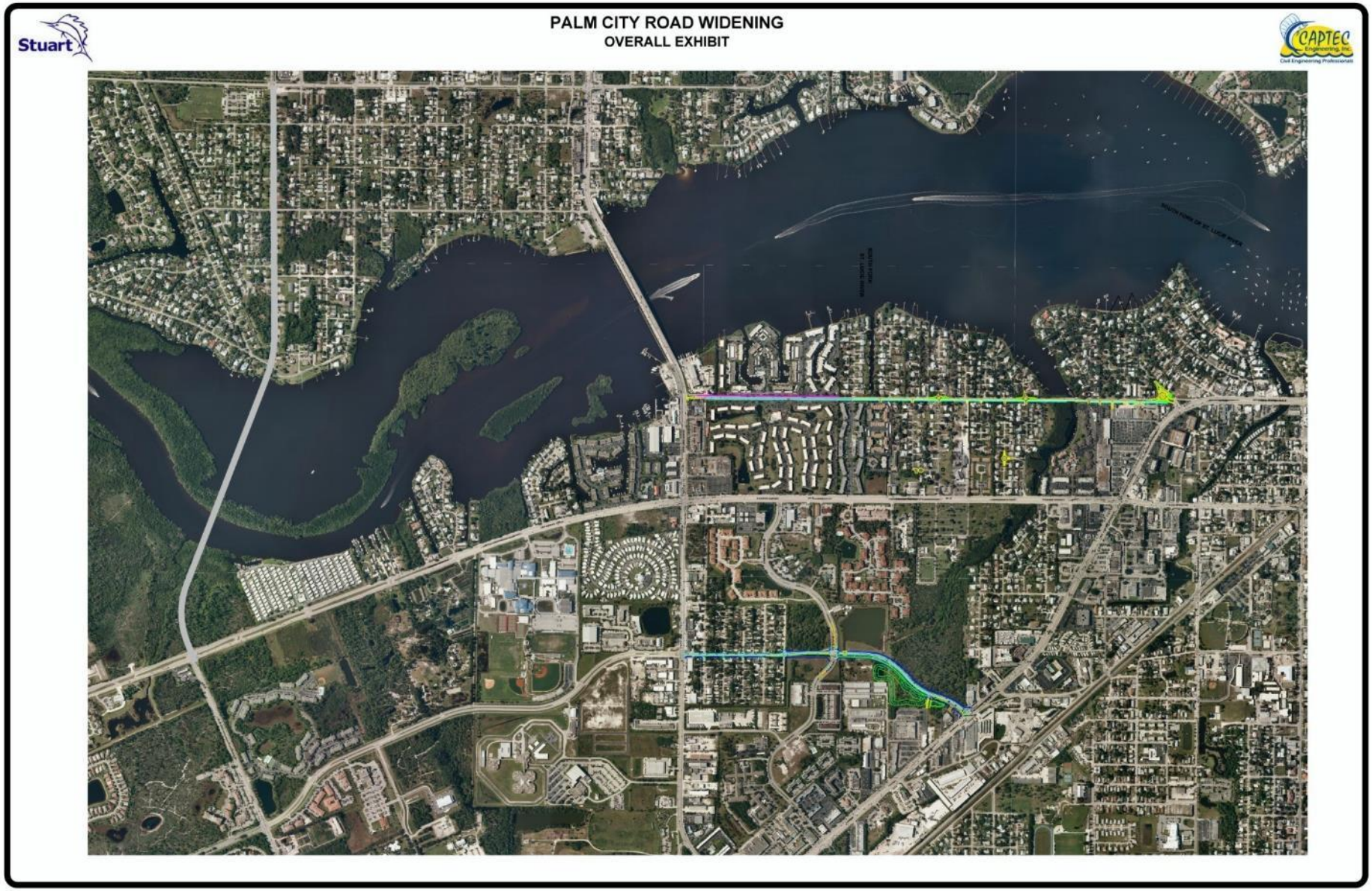


PALM CITY ROAD IMPROVEMENTS UPDATE

May 13, 2013

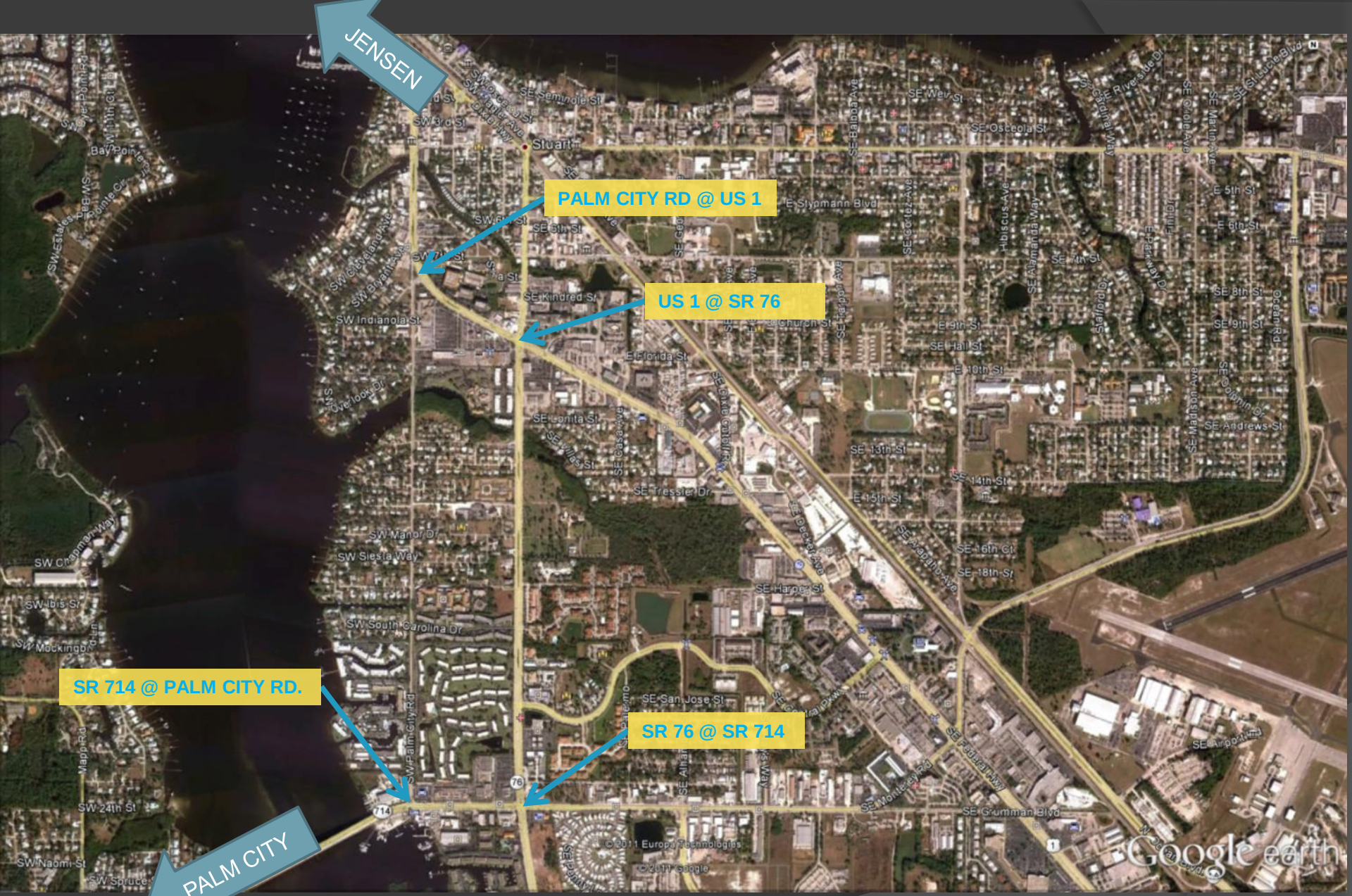




AREA CIRCULATION



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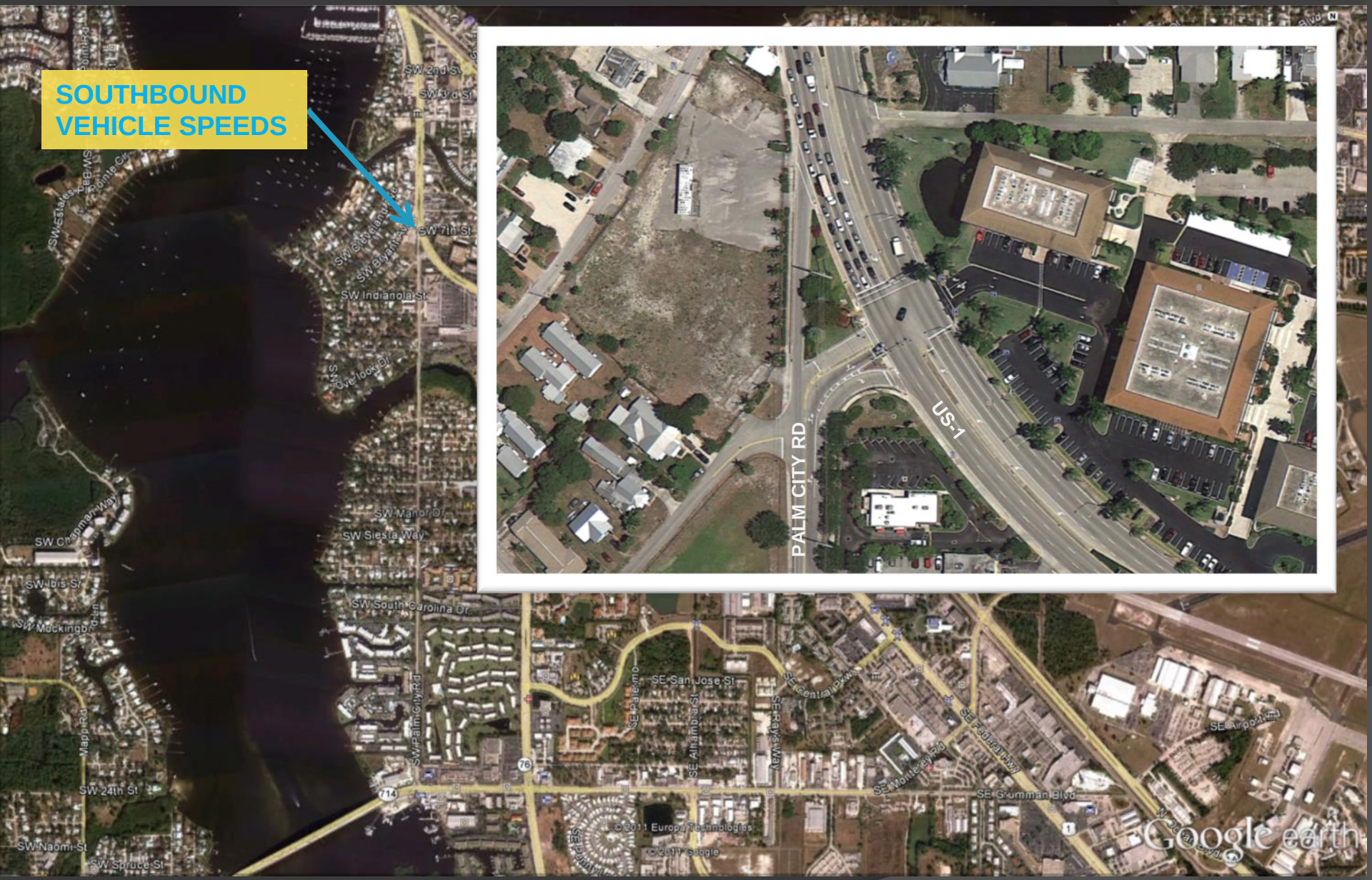
LOCATION MAP

CORRIDOR OBJECTIVES

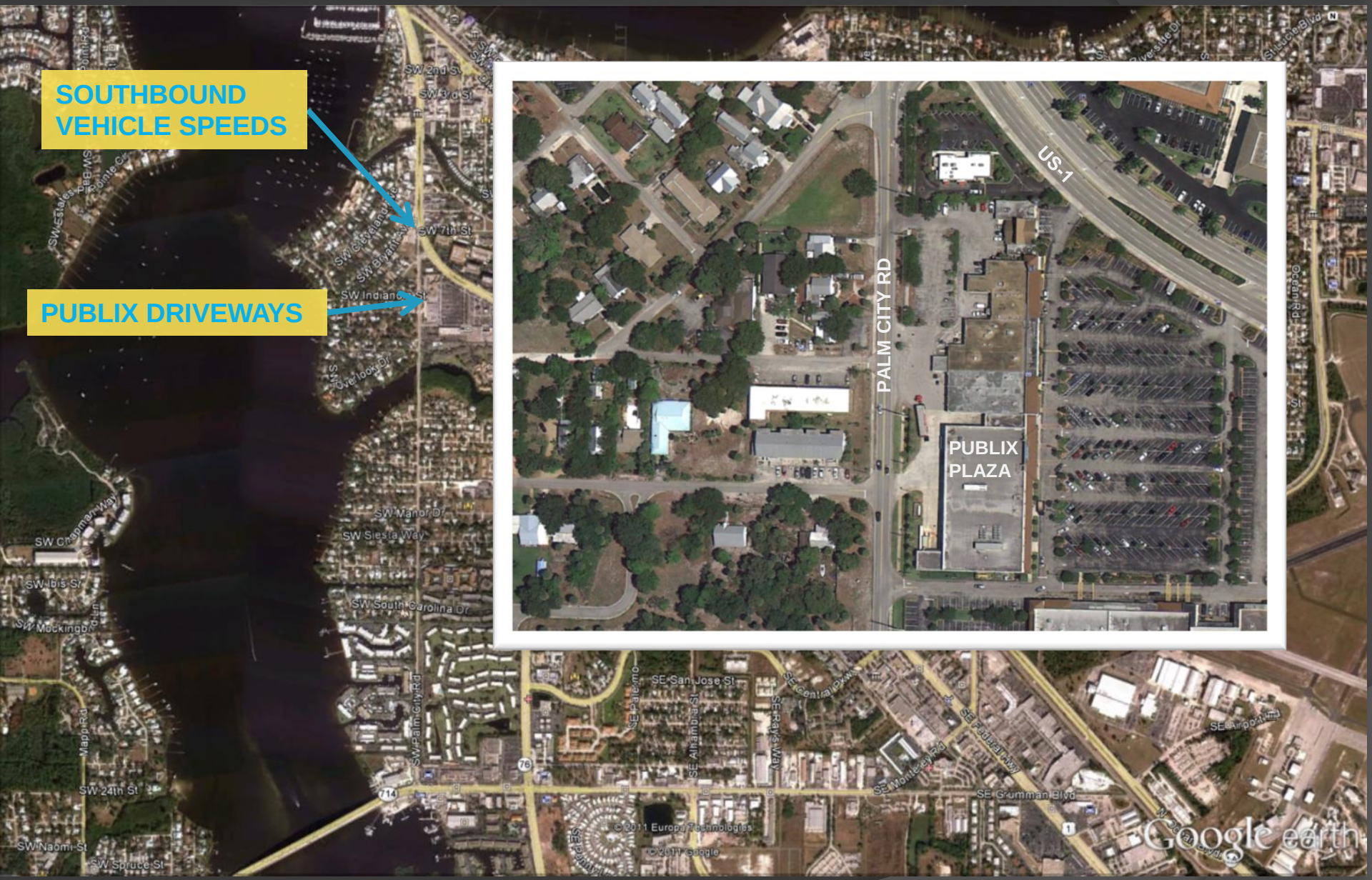
- MAINTAIN CHARACTER OF ROADWAY- IMPROVE VEGETATION, WALKABILITY, AND NEIGHBORHOOD
- IMPROVE SAFETY
- MAINTAIN LAND USE & ACCESSIBILITY
- CONSIDER RIGHT-OF-WAY CONSTRAINTS
- CORRIDOR BEAUTIFICATION
- OBTAIN FUNDING
- CONSIDER MAINTENANCE RESPONSIBILITY



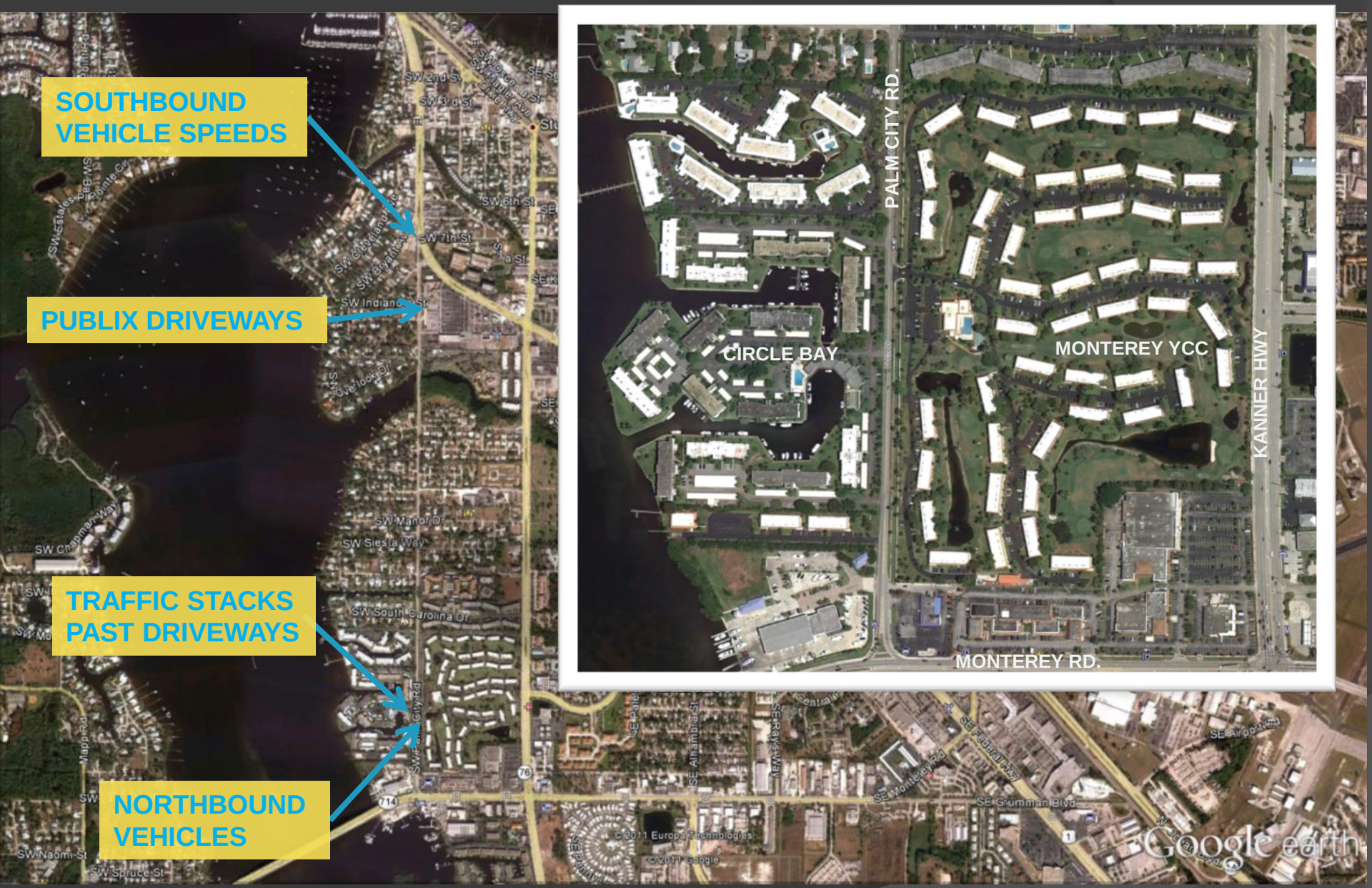




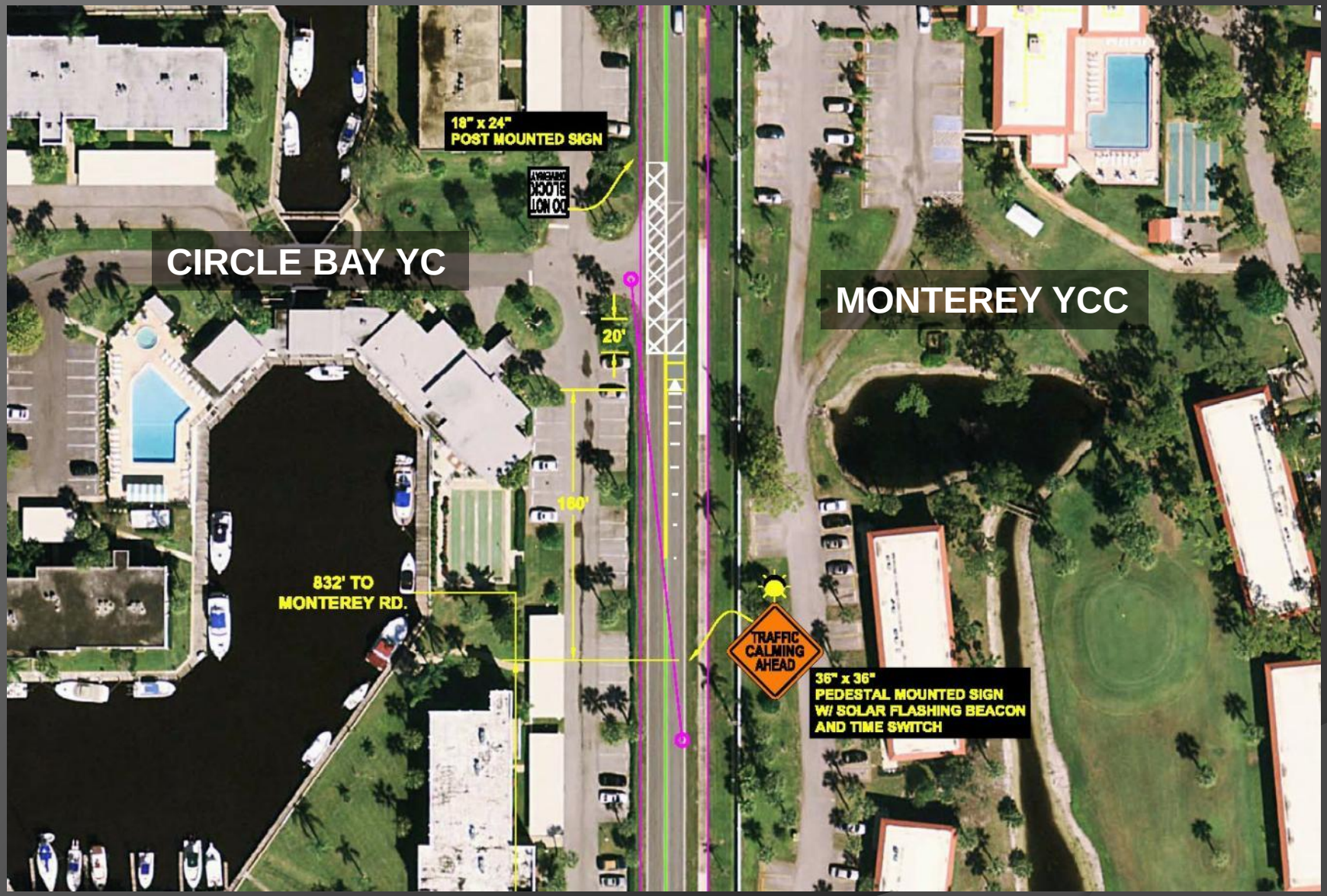
CORRIDOR ISSUES



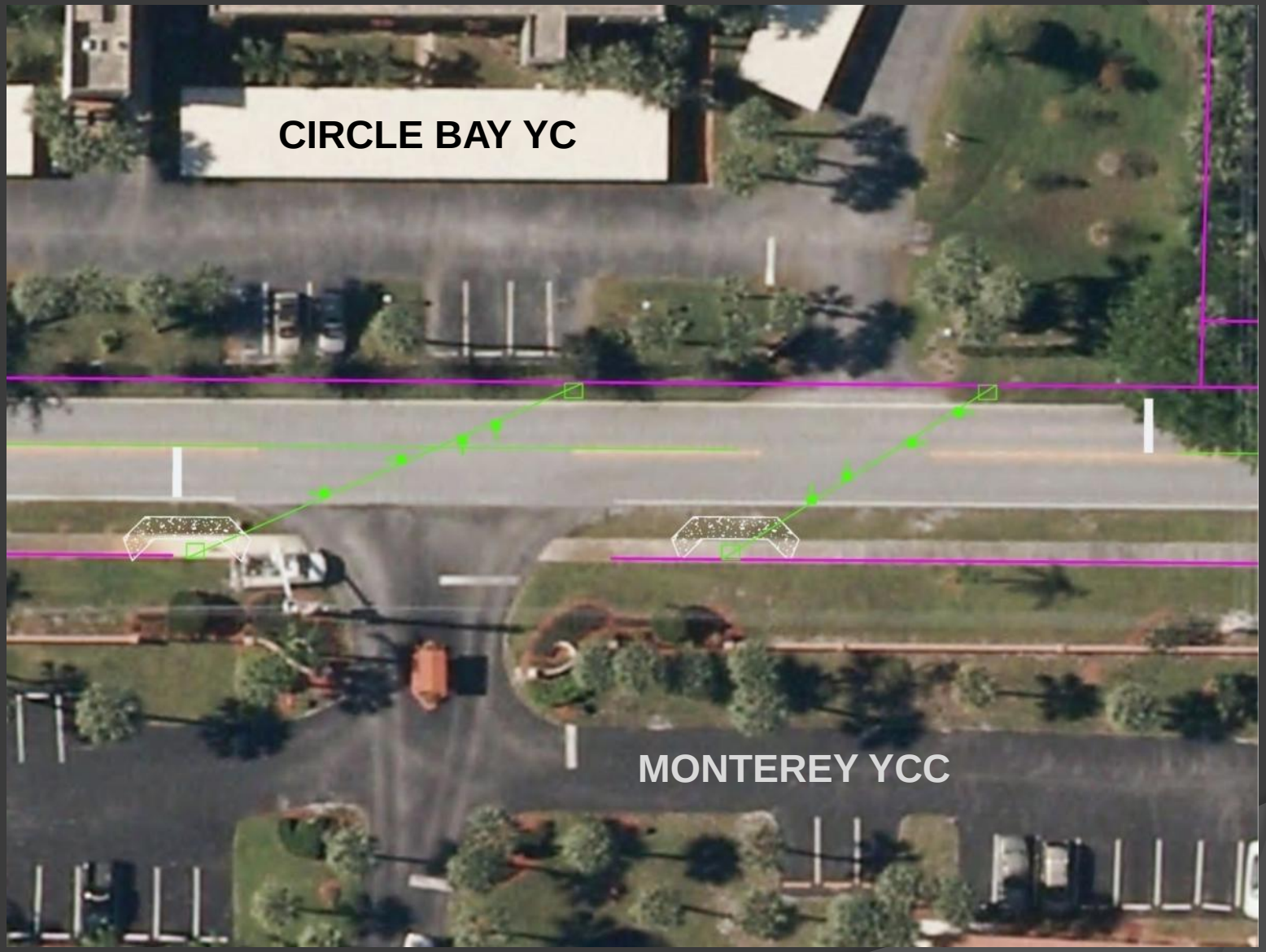
CORRIDOR ISSUES



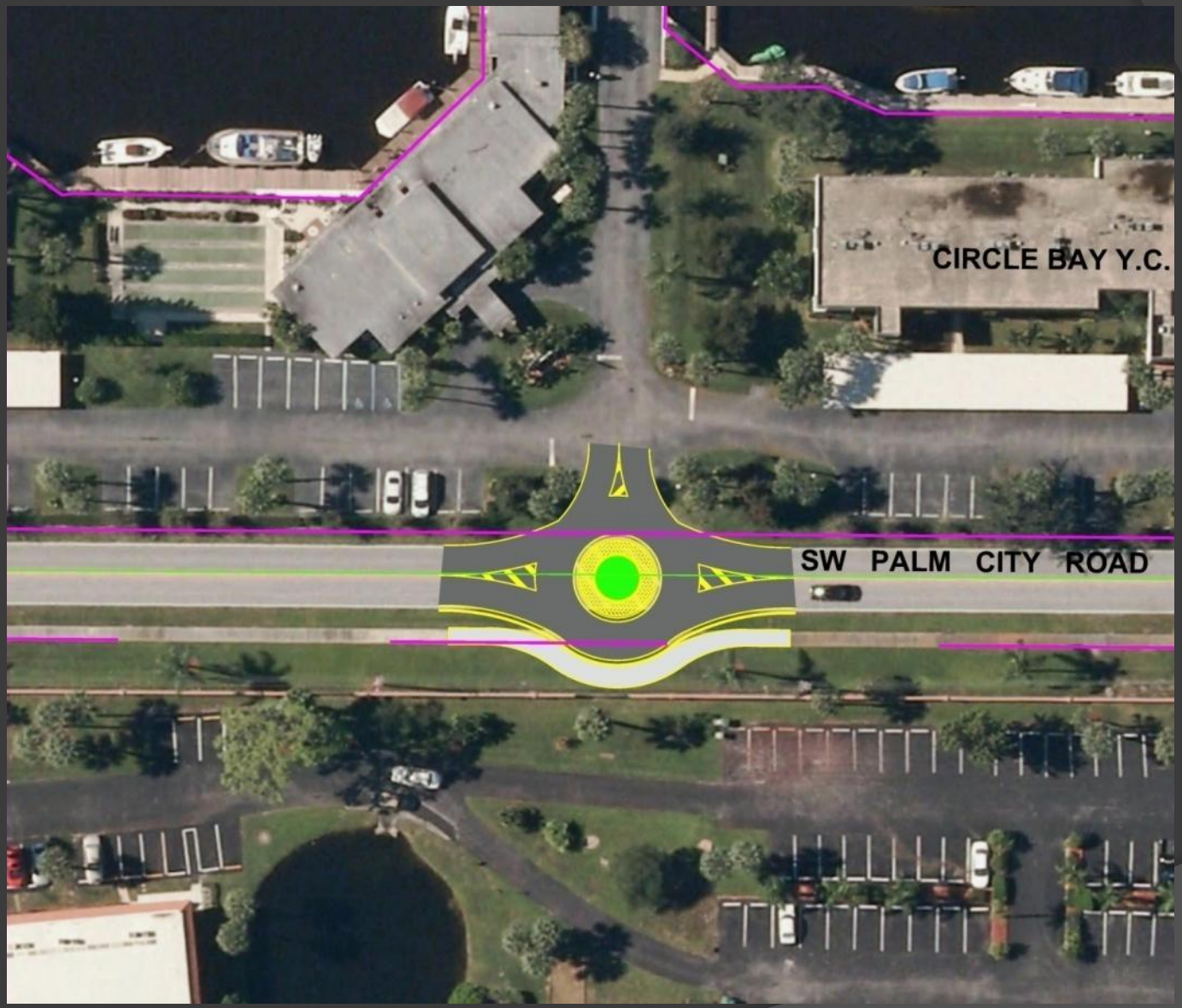
CORRIDOR ISSUES



QUICK FIX – SPEED HUMP IMPLEMENTED 2011



POSSIBLE SOLUTION – TRAFFIC SIGNAL DOES NOT MEET WARRANTS



POSSIBLE SOLUTION – ROUNDABOUT
REQUIRES ADDITIONAL RIGHT-OF-WAY



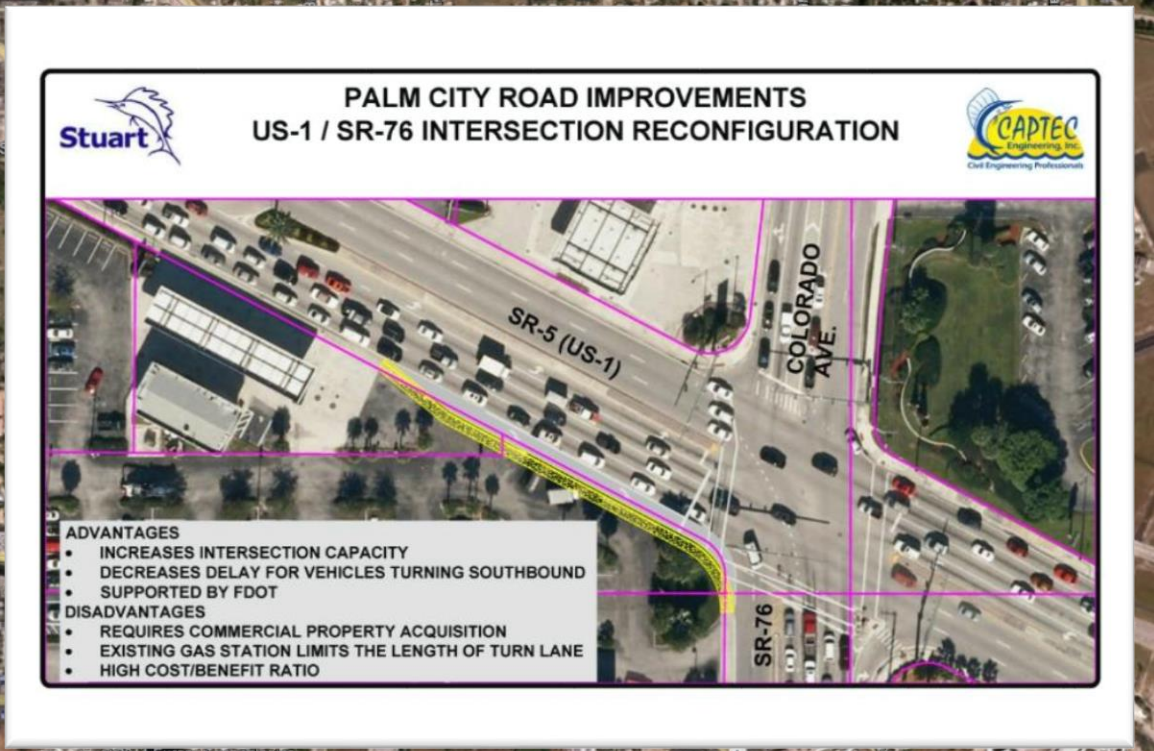
CORRIDOR ISSUES



ALTERNATIVE ROUTE EVALUATION

SOUTHBOUND VEHICLE SPEEDS

DELAY FOR SOUTHBOUND RIGHT-TURNS



ALTERNATIVE ROUTE EVALUATION

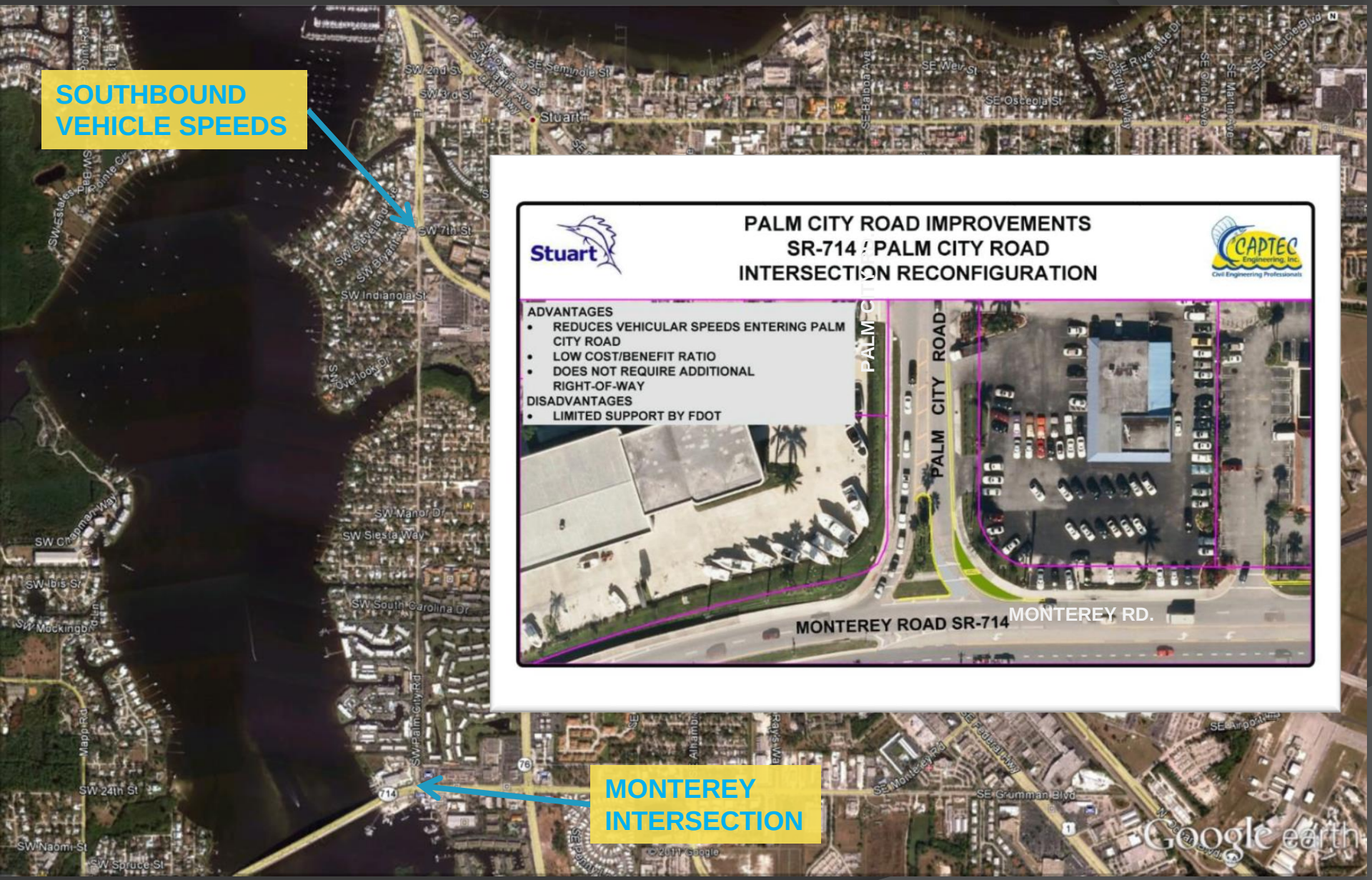
SOUTHBOUND VEHICLE SPEEDS

DELAY FOR SOUTHBOUND RIGHT-TURNS

STACKING FOR SOUTHBOUND RIGHT-TURNS



ALTERNATIVE ROUTE EVALUATION



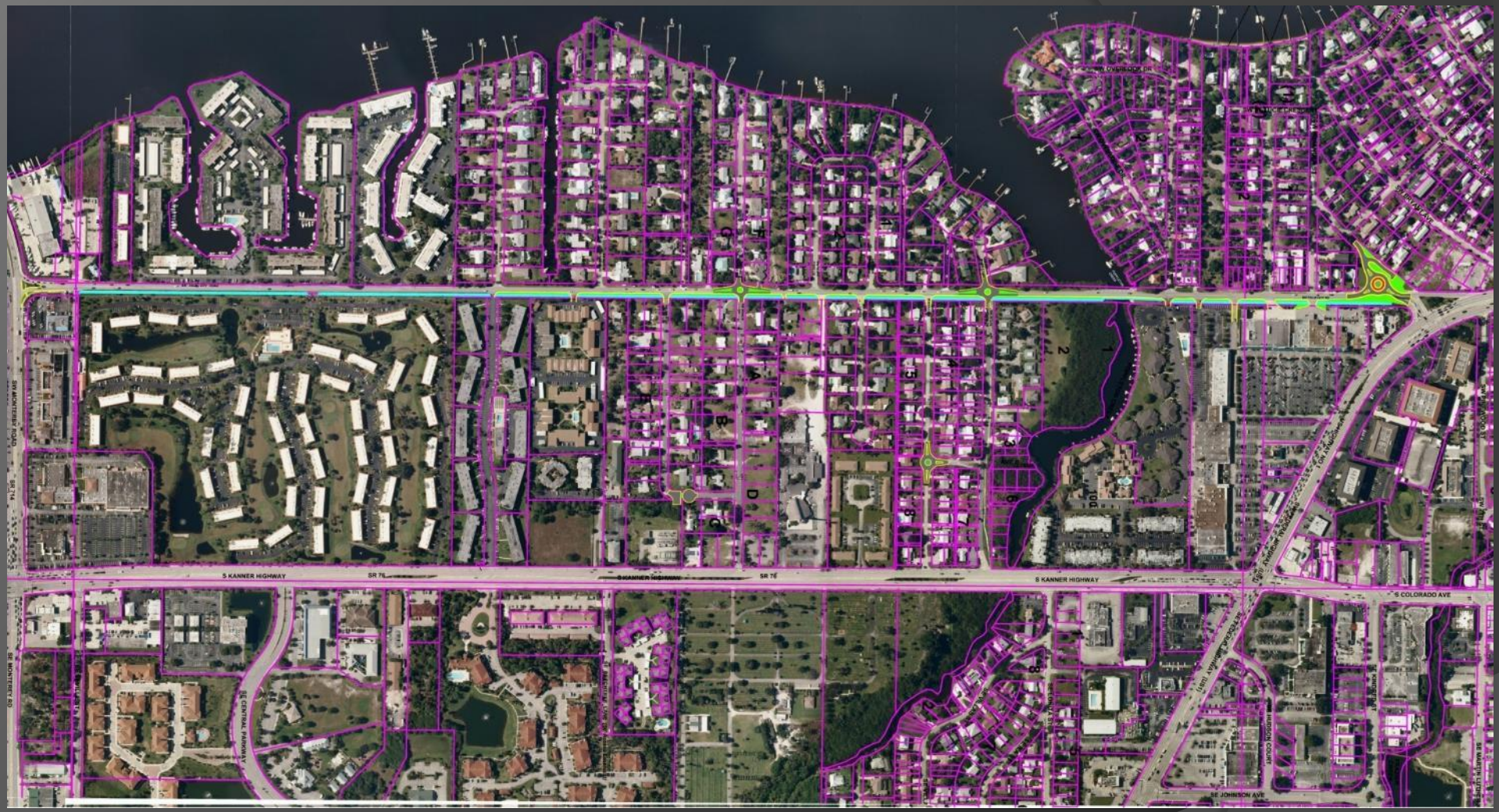
ALTERNATIVE ROUTE EVALUATION

CORRIDOR OBJECTIVES

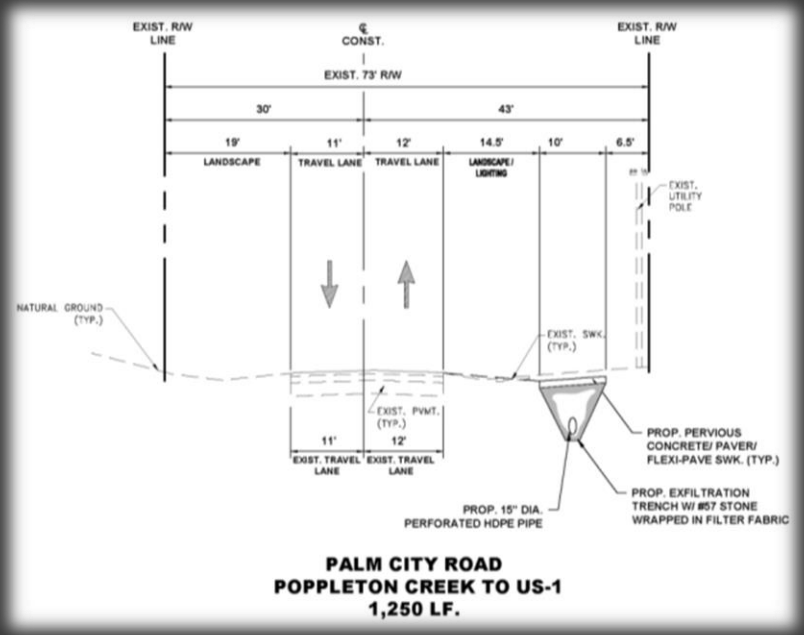
- MAINTAIN CHARACTER OF ROADWAY- IMPROVE VEGETATION, WALKABILITY, AND NEIGHBORHOOD
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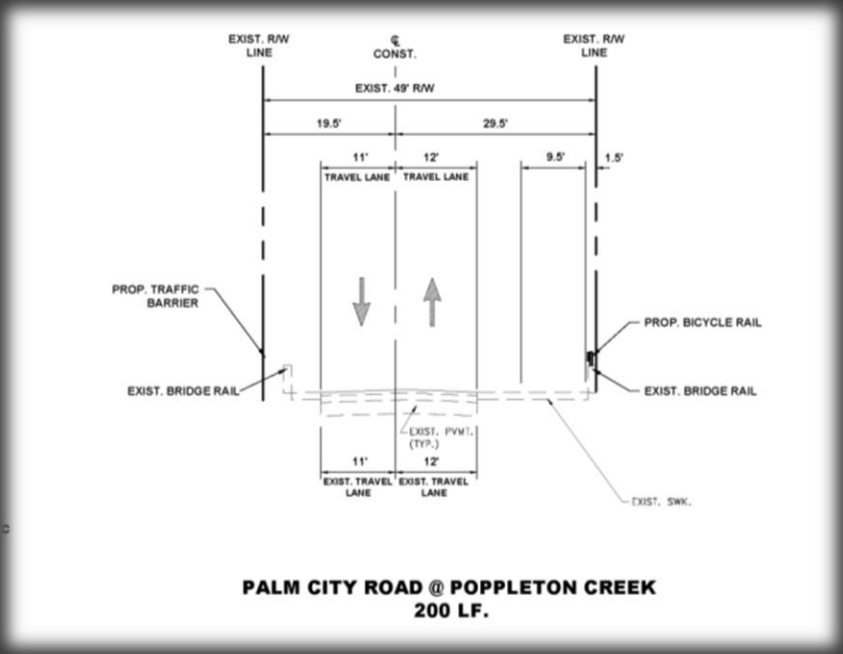




EXISTING LANDUSE

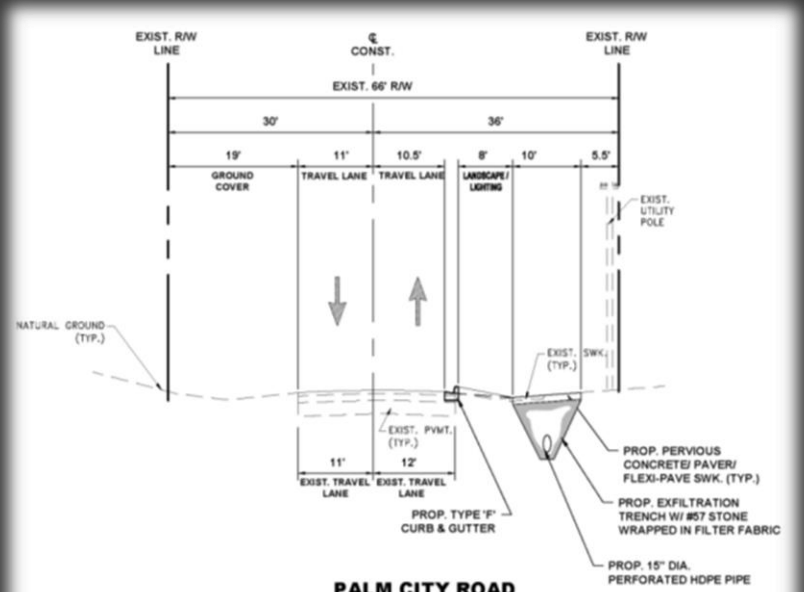

EXIST. R/W LINE
℄ CONST.
EXIST. R/W LINE
EXIST. 73' R/W
30'
43'
19'
11'
12'
14.5'
10'
6.5'
LANDSCAPE
TRAVEL LANE
TRAVEL LANE
LANDSCAPE/ LIGHTING
EXIST. UTILITY POLE
NATURAL GROUND (TYP.)
EXIST. SWK. (TYP.)
EXIST. PVMT. (TYP.)
11'
12'
EXIST. TRAVEL LANE
EXIST. TRAVEL LANE
PROP. PERVIOUS CONCRETE/ PAVER/ FLEXI-PAVE SWK. (TYP.)
PROP. EXFILTRATION TRENCH W/ #57 STONE WRAPPED IN FILTER FABRIC
PROP. 15" DIA. PERFORATED HDPE PIPE
PALM CITY ROAD
POPPLETON CREEK TO US-1
1,250 LF.


SW PALM CITY RD
SW RIVERVIEW AVE
SW PALM CITY AVE

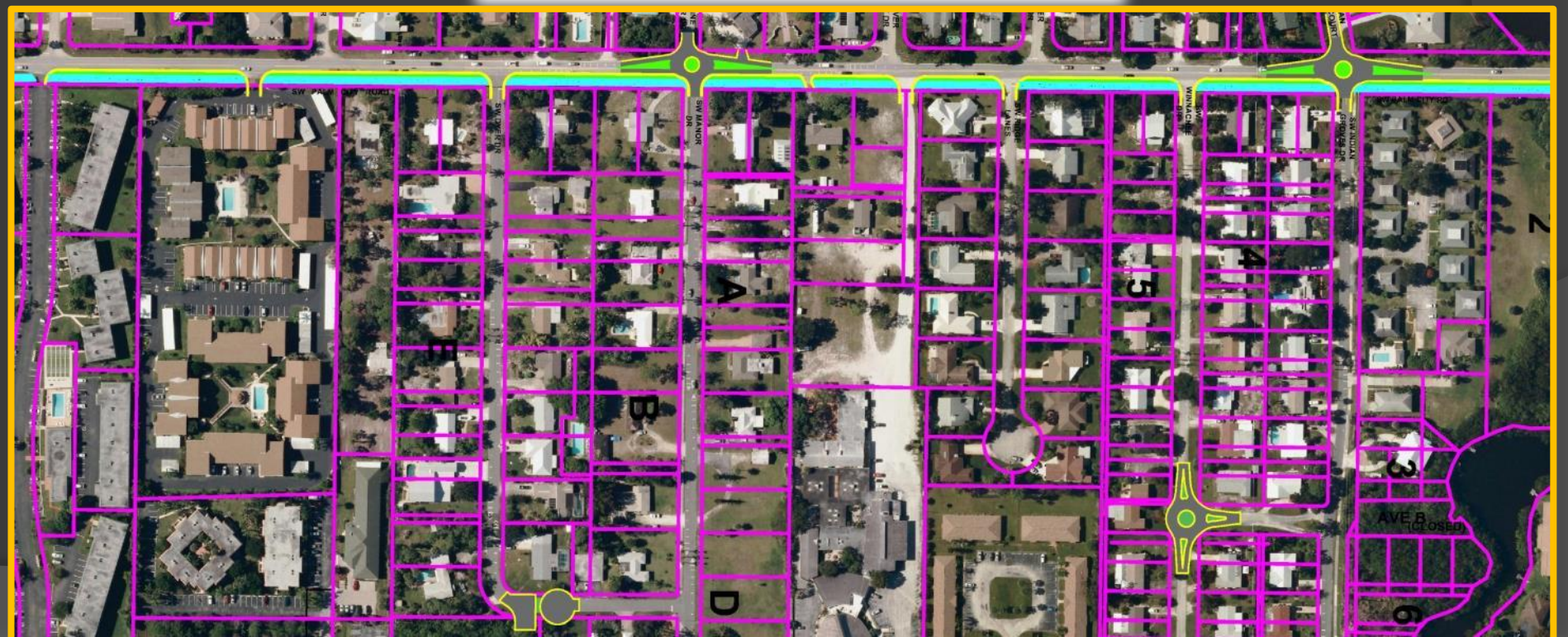


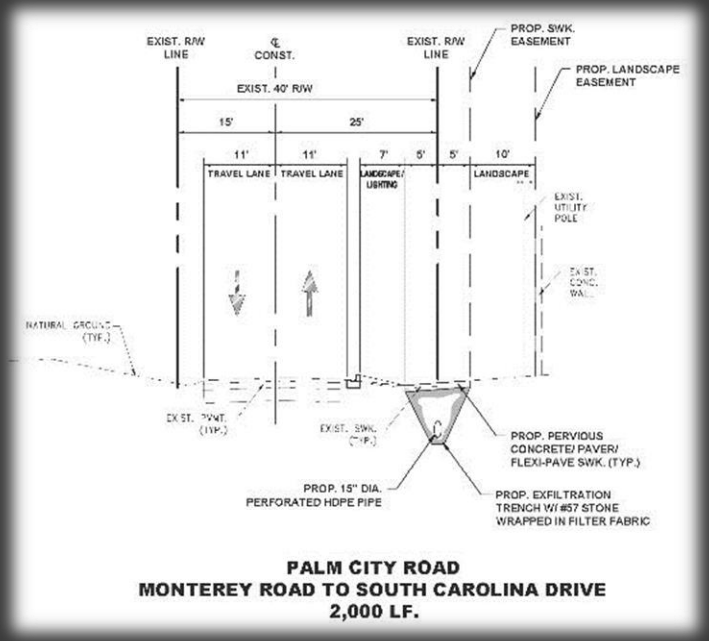
PALM CITY ROAD @ POPPLETON CREEK
200 LF.



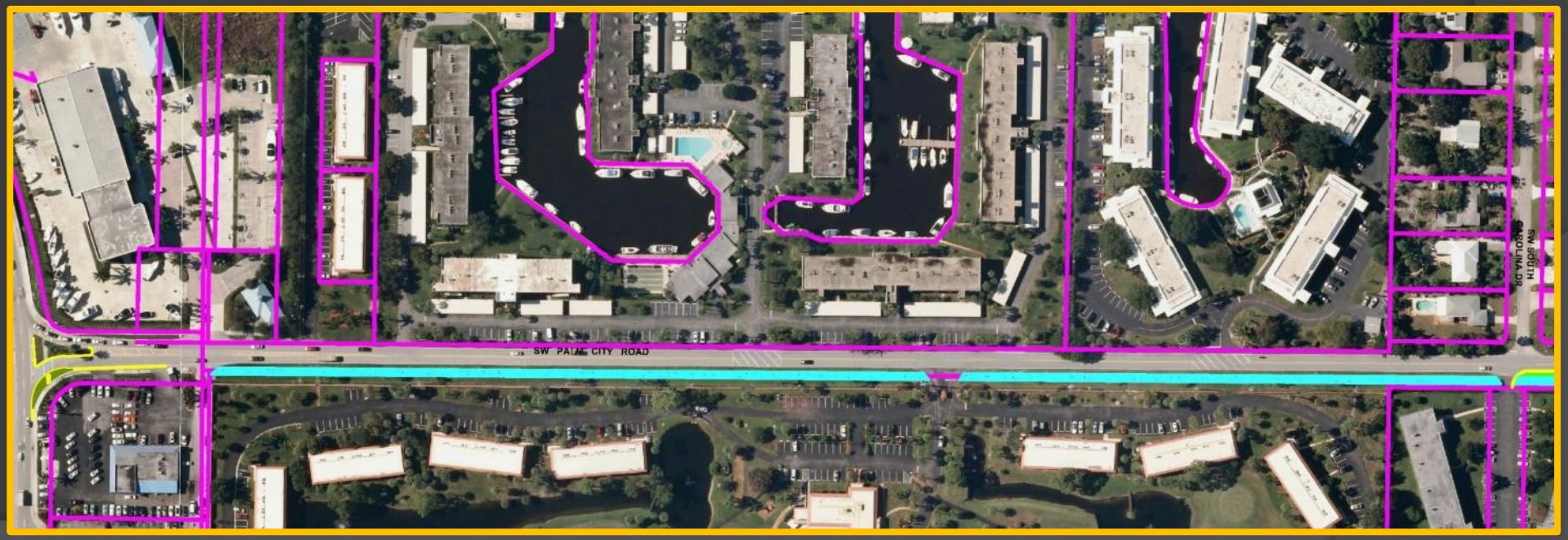


PALM CITY ROAD
SOUTH CAROLINA DRIVE TO POPPLETON CREEK
2,700 LF.





PALM CITY ROAD
MONTEREY ROAD TO SOUTH CAROLINA DRIVE
2,000 LF.



MENU OF IMPROVEMENTS TO CONSIDER

ALTERNATIVE ROUTE ENHANCEMENTS:

- US-1 @ PALM CITY ROAD – ELIMINATE HOT RIGHT OR IMPLEMENT OFF-SYSTEM ROUNDABOUT
- US-1 @ KANNER HWY. – ADD SOUTHBOUND RIGHT-TURN LANE
- KANNER HWY @ MONTEREY RD – ADD DEDICATED RIGHT-TURN LANE AND/OR EASTBOUND ACCELERATION LANE
- MONTEREY ROAD @ PALM CITY ROAD – DECREASE RADIUS OF CHANNELIZED RIGHT

CORRIDOR PLAN ENHANCEMENTS:

- TRAFFIC CALMING @ PINE AVE.
- PUBLIX ROADSIDE IMPROVEMENTS
- BRIDGE ENHANCEMENTS/ POPPLETON CREEK PLAZA – LIGHTING - RAILING
- ROADSIDE IMPROVEMENTS
- INDIAN GROVE DR. ROUNDABOUT
- MANOR DR. ROUNDABOUT
- CIRCLE BAY/ MONTEREY YCC IMPROVEMENTS
  - TRAFFIC SIGNAL
  - ROUNDABOUT
- TRAFFIC CALMING @ MONTEREY RD. COMMERCIAL AREA
- SIDEWALKS W/ DRAINAGE IMPROVEMENTS
  - 1 SIDE OR 2 SIDES
  - TEXTURED – PAVERS – CONCRETE – FLEXIPAVE
- DECORATIVE STREET LIGHTING
- LANDSCAPE IMPROVEMENTS
  - ROADSIDE

Item	Cost	City Sales Tax or other funds	City Impact Fees or other funds	County Sales Tax or other funds	County Impact Fees or other funds	State Funds	Transportation Alternative Program	SU Funds	Congestion Management Funds	Small County Incentive Program
Palm City Road Corridor	$2.6M	●	●	●	●					
Pine Avenue Roundabout	$415k	●	●	●	●					
Indian Groves Roundabout	$145k	●	●	●	●					
Manor Drive Roundabout	$145k	●	●	●	●					
Winnache Drive Roundabout	$73k	●	●	●	●					
Dyer Drive closing	$61k	●	●	●	●					
Palm City Road/ SR 714	$51k	●	●	●	●					
US-1 / Kanner turn-lane	$335k	●	●	●	●	●	●	●	●	●
Monterey Acceleration lane	$382k	●	●	●	●	●	●	●	●	●
Kanner @ SR 714 turn-lane	$386k	●	●	●	●	●	●	●	●	●
SR 714 @ Kanner turn-lane	$132k	●	●	●	●	●	●	●	●	●

QUESTIONS?