



SR 758 at Beach Road Intersection Improvement PD&E Study



Alternatives Public Workshop

March 10, 2015
Siesta Key, Florida

Financial Project Number 434491-1-52-01





Workshop Format

- **Informal Open House**
 - **Continuous looping presentation**
 - **Review display boards**
 - **Speak to FDOT staff and project team**
 - **Submit written comments**

Title VI Compliance

This workshop is being conducted without regard to race, color, national origin, age, sex, religion, disability or family status. Persons wishing to express their concerns relative to FDOT compliance with Title VI may do so by contacting:

Jamie Schley

FDOT District One Title VI Coordinator

801 North Broadway Avenue, MS 1-7

Bartow, Florida 33830

863-519-2573

Jamie.schley@dot.state.fl.us

Jacqueline Paramore

State Title VI Coordinator

605 Suwannee Street, Mail Station 65

Tallahassee, Florida 32399-0450

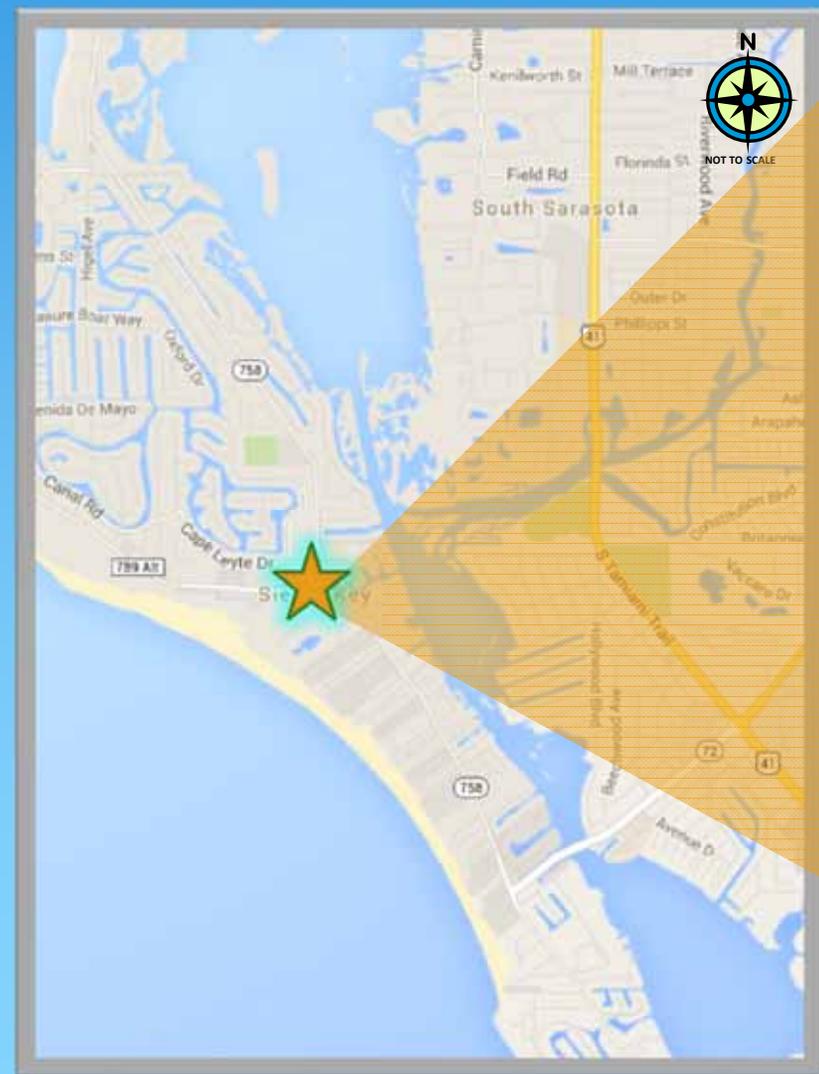
850-414-4753

Jacqueline.paramore@dot.state.fl.us

All inquiries or complaints will be handled according to FDOT procedure and in a prompt and courteous manner.



Project Location



Existing Conditions

- Signalized T-intersection
- Pedestrian crosswalks
- Bicycle traffic along Beach Road





Alternatives

- No Build (do nothing)
- Alternative 1 - Intersection Improvements
 - Remains signalized
 - Remove free flow right turns
- Alternative 2 - Roundabout
 - Remove traffic signal



No Build

- No geometric improvements
- Implement signal timing improvements
- Existing conflict points remain



Alternative 1 Intersection Improvements

- Remove free flow right turn lanes
- Implement signal timing improvements
- Existing conflict points remain
 - Pedestrian conflict points are under signal control
- No ROW is needed



Alternative 1 Concepts Intersection Improvements

Street view of design
and possible
landscaping concept



Aerial view, looking south
along Midnight Pass Road

Alternative 2 Roundabout

- Signal is removed
- Center island is landscaped (grass/trees)
- Brick pavers surround the center island
- Reduce overall delay
- 3 vehicle conflict points and 1 pedestrian conflict points removed
- No ROW is needed



Alternative 2 Concepts Roundabout

Street view of design and
possible landscaping concept



Aerial view, looking south
along Midnight Pass Road

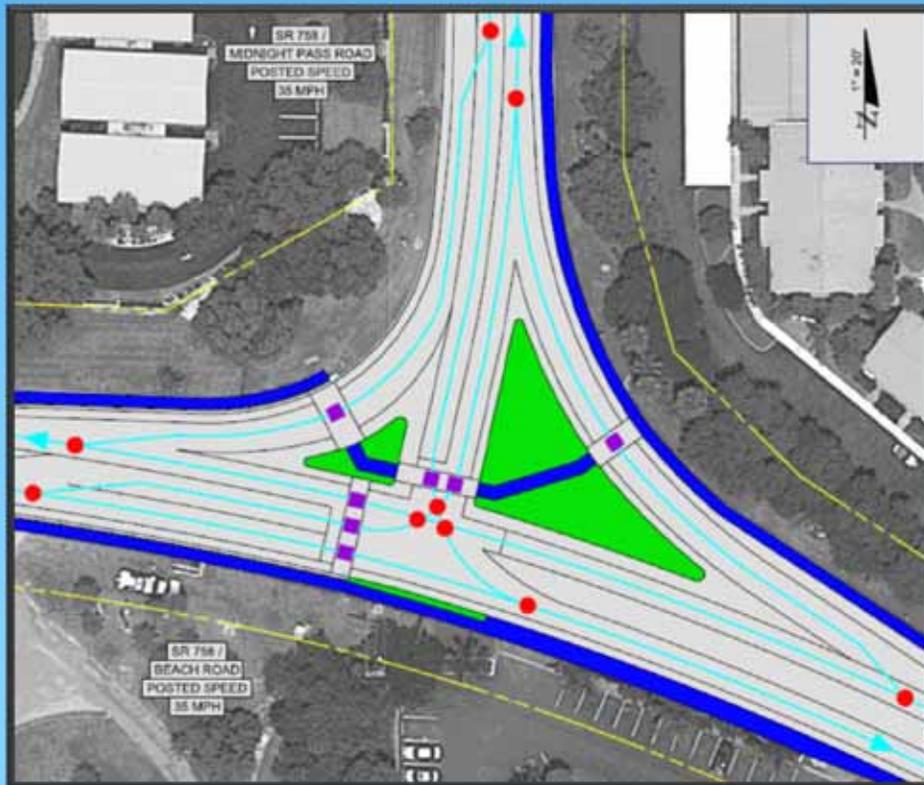
Conflict Points

- Existing Intersection

- 9 vehicle conflict points
- 7 pedestrian conflict points

- Roundabout

- 6 vehicle conflict points
- Eliminates the crossing conflicts
- 6 pedestrian conflict points



Alternatives Matrix

Alternative	No Build	Alternative #1 Intersection Improvement	Alternative #2 Roundabout
Pedestrian-Car Conflict Points	7	7	6
Car-Car Conflict Points	9	9	6
R/W Costs	\$0	\$0	\$0
Construction Costs	\$0	\$403,173	\$1,409,248
Landscape Costs	\$0	\$0	\$592,438
Advantages	<ul style="list-style-type: none"> No construction inconvenience No construction Cost 	<ul style="list-style-type: none"> Removes free flow right turn lane Pedestrians cross at signals 	<ul style="list-style-type: none"> Removes free flow right turn lane Removes the signal Conflict points are reduced Vehicles travel at slower speeds Traffic calming effect Highly visible crossings Pedestrians have right of way Improved bicycle accommodations Improved intersection operations Can accommodate higher volumes of traffic Improved safety Improved aesthetics No signal maintenance or electric costs Maintains function during power failure
Disadvantages	<ul style="list-style-type: none"> Pedestrians must cross free-flow right turn No improvement to bicycle, pedestrian, or vehicle safety No decrease in maintenance costs Requires police traffic control during power outage 	<ul style="list-style-type: none"> Construction costs Construction duration Conflict points are not reduced Right turns are signalized for less efficient operations Requires police traffic control during power outage 	<ul style="list-style-type: none"> Construction costs Construction duration Landscape and irrigation costs



Next Steps

- Further refine alternatives based on public input received tonight and agency coordination
- Public Workshop
- Complete the environmental and engineering documents
- Receive approval from the Federal Highway Administration
- Start the design phase of the project

Project Funding

Florida Department of Transportation Adopted Five-Year Work Program

Phase	Schedule
PD&E	Complete Spring 2015
Design	Fiscal Year 2014/15
Right of Way Acquisition	Not required
Construction	Fiscal Year 2016/17

Contact Us

THANK YOU FOR ATTENDING!

For additional information, please contact:

**Mr. Aaron Kaster
FDOT Project Manager
Florida Department of Transportation
P.O. Box 1249
Bartow, Florida 33831
Phone: (863) 519-2495
Email: aaron.kaster@dot.state.fl.us**