



State Road (SR) 64 at Rye Road
Intersection Improvement Project
Manatee County, FL
FPID No.: 196022-5-21-01

WELCOME
to the
Public Information Meeting
for the
**State Road (SR) 64 at Rye Road
Intersection Improvement Project**

**Thursday, October 13, 2016
5 p.m. to 7 p.m.**



The Florida Department of Transportation is required to comply with various

Non-discrimination laws and regulations, including Title VI of the Civil Rights Act of 1964

Public participation is solicited without regard to race, color, national origin, age, sex, religion, disability or family status.

Persons wishing to express their concerns about Title VI may do so by contacting either:

District One

Jamie Schley, Title VI Coordinator
Florida Department of Transportation
801 North Broadway Ave, MS 1-10
Bartow, Florida 33830
863.519.2573
jamie.schley@dot.state.fl.us

Tallahassee Office

Jacqueline Paramore, State Title VI Coordinator
Florida Department of Transportation
605 Suwannee Street, MS 65
Tallahassee, FL 32399-0450
850.414.4753
jacqueline.paramore@dot.state.fl.us



Evaluation Matrix

Evaluation Criteria	Traffic Signal	Modern Roundabout
Potential Business Effects		
Number of business relocations	0	0
Potential Residential Effects		
Number of residential relocations	0	0
Potential Environmental Effects		
Archaeological Probability / Historical sites identified	0	0
Section 4(f) sites	0	0
Wetlands (acres)	0	0
Floodplains (acres)	0	0
Threatened and endangered species likelihood of occurrence	Minimal	Minimal
Affected noise sensitive sites	None	None
Petroleum and hazardous material sites (ranked as high / medium)	0	0
Potential Right-of-Way (ROW) Effects		
ROW to be acquired for roadway (acres)	1.14	1.14
ROW to be acquired for stormwater facilities (acres)	0*	0*
Estimated Project Costs (2016 Cost)		
Wetland mitigation	\$0	\$0
ROW acquisition for roadway	\$0	\$174,000
ROW acquisition for stormwater facilities	\$0	\$0
Total ROW and Mitigation Costs	\$0	\$174,000
Construction cost for roadway	\$0	\$0
Construction cost for stormwater facilities	\$0	\$0
Construction Costs	\$1,550,000	\$3,510,000
Design	\$164,000	\$1,000,000
Construction engineering & inspection (CEI; 10% of total construction cost)	\$155,000	\$351,000
Preliminary Estimate of Total Project Costs	\$1,869,000	\$5,035,000
Life Cycle Costs (20 years)		
Construction, design, ROW, and CEI	\$1,869,000	\$5,035,000
Maintenance	\$82,000	\$40,000
Crashes (projected)	\$5,500,000	\$2,500,000
Traffic delays (projected)	\$4,400,000	\$1,700,000
Total Life Cycle Cost	\$11,851,000	\$9,275,000

* Anticipated joint use pond agreement with Schroeder-Manatee Ranch



Project Schedule

FDOT Adopted 5-Year Work Program Fiscal Year 2016/2017 to 2020/2021*

Phase	Fiscal Year
Design	Ongoing
Right-of-Way (Land) Acquisition	2016/2017
Construction	2017/2018

* Fiscal Year begins July 1 and ends June 30



Roundabout vs. Traffic Signal

	TRAFFIC SIGNAL	MODERN ROUNDABOUT
SAFETY		
Crashes	-	48% FEWER
Fatal Crashes	-	90% FEWER
Injury Crashes	-	78% FEWER
Bike/Ped Crashes	-	30-40% FEWER
Crash Costs - Projected for SR 64 and Rye Road	-	53% CHEAPER
Common Crash Types - Life and Property	MORE SEVERE	LESS SEVERE
Intersection Speed	45 MPH	25 MPH
Design Slows Speed	NO	YES
Red Light Running/Dilemma Zone	YES	NO
TRAFFIC		
Traffic Delay	-	20-89% LESS
Traffic Delay Costs - Projected for SR 64 and Rye Road	-	61% LESS
Traffic Capacity	-	30-50% MORE
Operates During Power Outage	NO	YES
Accommodates Freight Trucks and Emergency Vehicles	YES	YES
COST		
Total Lifetime Costs (Construction, Maintenance, Crashes, Delays)	\$11.9 M	\$9.3 M
ENVIRONMENT		
Aids in Reducing Local Air/Noise Pollution	NO	YES
Aids in Reducing Fuel Consumption	NO	YES



State Road (SR) 64 at Rye Road
Intersection Improvement Project
Manatee County, FL
FPID No.: 196022-5-21-01

**THANK YOU
FOR
ATTENDING!**