

Short Term

Sarasota/Manatee Barrier Islands Traffic Study
FINAL Phase 2 Report Submittal | October 2018
FM Num. 440411-1

Zone	Type	Location	Description	Cost	Status
North	Ped/Bike Safety Improvements	SR 64 & Neal Preserve Park	Extend the sidewalk on the south side of SR 64 at Neal Preserve Park approximately 0.4 miles to the east to connect with the existing sidewalk on the south side of SR 64 to provide better bicycle and pedestrian connectivity	\$80,000	Under Construction
	Ped/Bike Safety Improvements	Gulf Drive from 275' east of Marina Drive to 52nd Street	Complete discontinuous sidewalk section to increase pedestrian safety and connectivity	\$15,000	
	Ped/Bike Safety Improvements	SR 789 at MP 4.31 (South of North Shore Rd and Longboat Pass)	Add Hawk Signals to increase pedestrian safety		Constructed
	Ped/Bike Safety Improvements	SR 789 from 22nd Street to Avenue C	Complete discontinuous sidewalk section to increase pedestrian safety and connectivity	\$20,000	
	Ped/Bike Safety Improvements	Gulf Drive from 13th to North Coquina Boat Ramp	Construct sidewalks and mid-block crosswalk with flashing beacon from Coquina Beach to North Coquina Boat Ramp.	\$343,000	Under Construction
	Roadway Improvements	Manatee Avenue (SR 64) at 75th Street NW	Extend the northbound and eastbound left turn lanes to increase queued vehicle storage. Change eastbound and westbound left turn signal phasing to protected/permitted	\$250,000	
	Roadway Improvements	Manatee Avenue at Gulf Drive	Extending the westbound channelized right turn lane was recommended at a Steering Committee meeting. This improvement is already being designed by FDOT, and can be phased to be constructed prior to the Anna Maria Bridge replacement project.	\$100,000	Ongoing PD&E Studies
	Roadway Improvements	SR 684 and 119th Street	Geometric improvements to increase capacity and safety		Constructed
	Roadway Improvements	SR 789 from 130' south of 13th Street S. to Longboat Pass Bridge	Complete discontinuous sidewalk section to increase pedestrian safety and connectivity	\$200,000	
	Roadway Improvements	Cortez Road (SR 684) at 75th Street NW	Extend northbound, eastbound, and westbound left turn lanes to increase queued vehicles storage	\$300,000	
	Roadway Improvements	Bradenton Beach	Eliminate redundant connections to reduce side friction and improve capacity. Add more buffers, such as the existing wood posts with rope, between the west sidewalk and SR 789 roadway to channelize pedestrian crossings to specifically designated side streets. Add curb and/or wood posts with rope to east SR 789 for same reason and to keep vehicles from slowing to look for parking. These improvements should be coordinated with Bridge Street roundabout analysis.	TBD	
	Roadway Improvements / Complete Streets	Marina Drive from Gulf Drive to 56th Street	Complete Streets Improvements: Convert the 800' 5-lane segment of Marina Drive to a 3-lane typical section with bike lanes and sidewalk on both sides.	TBD	
	Technology	75th and Cortez 75th and SR 684	Link dynamic message board to Bridge openings	TBD	

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Zone	Type	Location	Description	Cost	Status
South	Event Operations	John Ringling Parkway (SR 789) at Gulfstream	Place law enforcement officers at key intersections to direct traffic south to spread traffic to alternative east-west corridors (Bahia Vista & Webber Streets)	TBD	
	Parking Inventory	St Armands Circle	Additional coordination for parking as this area provides a projected shortfall of 386± spaces at typical peak weekend demand periods	Cost already incurred by City of Sarasota bond initiative	Design
	Ped/Bike Safety Improvements	SR 789 from Coon Key Bridge to Bird Key Drive (south side)	Complete discontinuous sidewalk section to increase pedestrian safety and connectivity		Constructed
	Ped/Bike Safety Improvements	Ritz Carlton Dr. / 1st Street and US 41	Add Hawk Signals to increase pedestrian safety with platooning of Pedestrians	TBD	Design
	Ped/Bike Safety Improvements	US 41 and Fruitville Road	Add Hawk Signals to increase pedestrian safety platooning of Pedestrians	TBD	Design
	Ped/Bike Safety Improvements	St Armands Circle	Pedestrian Managers to increase capacity during peak season platooning of Pedestrians	TBD	
	Ped/Bike Safety Improvements	US 41 and Gulfstream	Add crosswalks with flashing beacons/Hawk signals to increase pedestrian safety	TBD	Design
	Ped/Bike Safety Improvements	SR 789 at Jessmyth Drive	Add crosswalks to increase pedestrian safety		Constructed
	Roadway Improvements	SR 789 & Bird Key Drive	Install high-visibility backplates to draw attention to the traffic signal.	\$2,000	
	Roadway Improvements	St Armands Circle	Add pavement markings and advanced signage to warn drivers of upcoming lane drops and lane designations. Additional improvements to consider a.) provide improved wayfinding at decision points. b.) Elimination of parking spaces with operational conflicts with intersections to improve traffic flow c.) Eliminate Back-to-back crosswalks 2.) Consider a 3rd lane in the NE quadrant allowing for: 1 WB to NB bypass lane, 1 shared WB to NB / WB to WB lane, and 1 WB to SB or EB lane.	TBD	
Roadway Improvements	John Ringling Parkway (SR 789) at Ken Thompson Parkway	Increase westbound turn-lane storage as much as possible to reduce queue spillover and blocking between westbound right- and left-turning vehicles	\$200,000		
All	Ped/Bike Safety Improvements	Various	Add detectable warning surfaces at the curb ramps that do not have them to increase pedestrian safety and connectivity	\$500 per location	

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Zone	Type	Location	Description	Cost	Status
North	Parking Inventory	City of Anna Maria	Free ride services provided by electric vehicles to assist with the connection of these parking inventory locations to desired destinations	Privatize service and allow vendor to offset costs through private sponsorship opportunities. Administrative salary to review and modify ordinance	
	Parking Inventory	Coquina Beach	Charge a fee specific to Coquina Beach parking inventory and pursue available park-and-ride program options and locations to accommodate typical peak demand activity	\$10K per solar-powered pay station, \$2,000 per location for environment design and setup	
	Parking Inventory	Bradenton Beach	Pursue available park-and-ride program opportunities and locations to accommodate typical peak demand activity. Charge a fee to park in public parking spaces to subsidize pursuit of public parking locations.	\$10K per solar powered pay station; plus \$2,000 per location for environment design and setup	
	Parking Inventory	Holmes Beach	Pursue additional remote parking inventory in the form of a mainland park-and-ride location and charge a fee to park at designated public beach parking spaces	If purchase land and develop parking inventory, must explore land purchase price and \$3,000-\$5,000 cost per space to develop surface lot parking inventory. Structured parking inventory requires \$16,500 to \$18,000 per space	
	Roadway Improvements	Manatee Avenue (SR 64) at 75th Street NW	Construct a northbound right-turn lane to reduce delay.	\$200,000	
	Roadway Improvements	Cortez Road at 75th Street NW	Construct eastbound and westbound right-turn lanes to reduce delay	\$400,000 Total for both turn lanes	
	Roadway Improvements	Gulf Drive and the Manatee Beach parking lot	Reconfiguration of the intersection at the north access to the Manatee Beach parking lot or reduce fleet vehicle size	\$100,000	
	Roadway Improvements	Bradenton Beach	Construct the Anna Maria Island Trail through downtown Bradenton Beach. The proposed Trail typical section includes an 8' sidewalk on one side of SR 789, two 11' travel lanes, and buffers between the sidewalk and sidewalk to channelize pedestrians to specific crossing locations. The Trail is being developed by the City Engineer for Anna Maria, Holmes Beach, and Bradenton Beach and funding applications have been submitted to FDOT and other agencies for future design and construction.	TBD	
	Roundabout	East Bay Drive (SR 789) at Gulf Drive	Proceed to Roundabout Step 2 B/C Evaluation. Reduces intersection delay and few issues identified in Step 1 screening process.	TBD	
	Roundabout	Gulf Drive at Marina Drive	Proceed to Roundabout Step 2 B/C Evaluation. Reduces intersection delay and few issues identified in Step 1 screening process.	TBD	
	Roundabout	Manatee Avenue (SR 64) at 6th Avenue	Construct Roundabout and add through lanes on SR 64 with a traffic separator.	TBD	
	Roundabout	Manatee Avenue (SR 64) at SR 789	Construct a roundabout	TBD	Design
	Roundabout	Manatee Avenue (SR 64) at Gulf Drive	Construct a roundabout	TBD	Design
	Transit	TBD	Create transit priority to allow parking shuttles and transit vehicles to pass the queues along Cortez, and avoid the amount of traffic ignoring the right-turn only lane signage at 115th Street West	TBD	
	Transit	Intersection Improvement	Allow buses to bypass any queues on the mainland to improve speed and reliability. Priority on Manatee Avenue	TBD	
Water Shuttle	Bradenton Beach and Coquina Beach	Water shuttle	\$500,000		

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South	Park and Ride	Van Wezel Center for the Performing Arts	Park-and-Ride Site	\$500,000	
	Parking Inventory	Lido Key	If desirable by the community, pursue available park-and-ride program opportunities and locations to accommodate typical peak demand activity. Charge a fee to park similar to the plans to charge a fee to park on St Armands Key	\$10,000 per solar-powered pay station, plus \$2,000 per location for environment design and setup	
	Parking Inventory	St Armands	If desirable by the community, pursue available park-and-ride program opportunities and locations to accommodate typical peak demand activity. Continue with plans to charge a fee to park	If purchase land and develop parking inventory, must explore land purchase price and \$3,000-\$5,000 cost per space to develop surface lot parking inventory. Structured parking inventory requires \$16,500 to \$18,000 per space	
	Roadway Improvements	Coon Key Bridge	New bridge at SR 789/Ringling/Coon Key Bridge and should include a flexible lane added to bridge typical section to accommodate future transit.	TBD	
	Roadway Improvements	Lido Beach	Beach-based shuttle by using the vehicle/pathway lanes at the back of the beach next to the berm to allow all-terrain cart-shuttle services along the beach	\$250,000	
	Roadway Improvements	John Ringling Parkway	Potential counter-flow options in terms of capacity and operational ability to implement on	\$5,067,200	
	Roundabout	Gulf of Mexico Drive (SR 789) at Longboat Club Road	Proceed to Roundabout Step 2 B/C Evaluation. Reduces intersection delay and few issues identified in Step 1 screening process.	TBD	
	Roundabout	John Ringling Parkway (SR 789) at Ken Thompson Parkway	Not moving forward with this roundabout so removing it from the recommendations list	TBD	
	Water Shuttle	Sarasota Quay, Sarasota Yacht Club, Ramada Inn/Legacy Inn, SR 64/Ave B Holmes Beach	Potential water shuttle	P3 opportunities	
	Water Shuttle	Sarasota to City Island Park	Water shuttle	\$150,000-\$200,000 for each of three crossings (assume sign acquisition)	
All	Park and Ride	Various	Park-and-Ride locations on mainland	Restriping and bus set-up area \$200,000 per location	
	Parking Analysis	Various	Payment for premium spaces	Included as a function of pay-by-phone and pay-by-plate revenue control implementation @ \$10,000 per revenue-control device. No cost to municipal jurisdiction for pay-by-phone implementation	
	Parking Analysis	Various	Single authority for parking enforcement, policies	Time and effort for city administrators and attorneys to develop draft language for charter amendment. Administrative salary to execute charter amendment	
	Roadway Improvements	Various	To widen the existing bike lanes into cart lanes to allow motorized carts that are rented on the Island to travel outside of the general purpose lanes	TBD	

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All	Roadway Improvements	Various	Signage and wayfinding not consistent	\$150-\$200k for each of three crossings (assume sign acquisition)	
	Technology	Various	Establish Uber pick-up and drop-off location, staging of Uber for departure, geofencing, develop logistics plan for Uber, Uber Pools	\$103,800	
	Technology	Various	Central parking repository; allow people to prepurchase parking online	3rd-party vendor subscription service for repository use and access could potentially run \$2,500 to \$4,000 per month	
	Technology	Various	Parking Garage and Lot entrance videos - accumulation count	\$20,000 parking facility count (surface lot); \$40,000 parking facility count (parking structure)	
	Technology	Various	Develop a phone app to provide direct communication to guests, customized travel directions, "no parking near beaches" types of messages	Cost depends on number of facilities included in data sharing. Approximately \$150,000 to \$250,000 initial development fee using Passport Parking, Parkmobile or Streetline Parker App.	
	Transit	Various	To connect mainland park-and-ride services with key destinations	\$2,200,000 per year	
	Transit	Longboat Key	Review local MCAT & SCAT transit services & the development of a public-private partnership for free ride services provided by street-legal electric low-speed vehicles to assist with the connection of these parking inventory locations to desired destinations	Privatize service and allow vendor to offset costs through private sponsorship opportunities	
	Transit	Various	Provide subsidized alternative ride service for workers on the Barrier Islands via park and ride with shuttle, water taxi/ferry or urban cable (long-term) service.	TBD	
	Wayfinding	Various	Informational Signage (dynamic or static)	\$150,000-\$200,000 for each of three crossings (assume sign acquisition)	

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Zone	Type	Location	Description	Cost	Status
North	Parking Inventory	City of Anna Maria, Bradenton Beach/Cortez Beach, Holmes Beach and Coquina Beach	Develop an electronic wayfinding system that enables motorists to take advantage of remote parking locations located off-island	\$150,000-\$200,000 for each crossings (assume sign acquisition)	
	Transit	Holmes Beach	Create a new transit-only access at north end of and create transit priority lane	TBD	
	Water Shuttle	Cortez	Ferry shuttle connections (8-10 passenger boats) to connect	\$500,000	
South	Parking Inventory	Lido Key and St. Armands	Develop an electronic wayfinding system that enables motorists to take advantage of remote parking locations located off-island	\$150,000-\$200,000 for each crossing (assume sign acquisition)	
	Ped/Bike Safety Improvements	US 41 - 6th Street and 10th Street	Pedestrian bridge	TBD	
	Transit	US 41 - Van Wezel to St. Armands/Lido Beach	Provide street car service	TBD	
	Urban Cable	St Armands	Create an experience as a way to get to the island	\$30,000,000	
	Water Shuttle	Pine Avenue terminal and pier from mainland	Water Ferry	\$500,000	
All	Ped/Bike Safety Improvements	Various	Pedestrian Bridge crossing US 41	TBD	
	Roadway Improvements	Various	New bridges at SR 64/Manatee Ave/Anna Maria Bridge; SR 684/Cortez Rd/Cortez Bridge; SR 789/Gulf of Mexico Dr/Longboat Pass Bridge Each bridge should have a flexible lane added to bridge typical section to accommodate future transit.	TBD	Ongoing PD&E Studies

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