



Martin Metropolitan Planning Organization (MPO) 2045 Long Range Transportation Plan (LRTP)

This technical memorandum was developed based on data and analyses during the time period from December 2019 through May 2020. Subsequently the Martin MPO Policy Board approved the Draft 2045 Cost Feasible Plan – *Martin in Motion* in June 2020. *The Final* 2045 Cost Feasible Plan was adopted by the Martin MPO Policy Board in October 2020.

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1. Introduction

The purpose of Technical Memorandum #7 (TM 7) is to discuss needs assessment conducted as part of the Martin MPO's 2045 Long Range Transportation Plan (LRTP) – *Martin in Motion* to develop a needs plan and associated project cost. Information included in this technical memorandum serves as key input in prioritizing projects and ultimately developing the 2045 Cost Feasible Plan.

This technical memorandum is organized as described below:

Chapter 1: Introduction – summarizes the purpose of the technical memorandum and report organization.

Chapter 2: Multimodal Needs Assessment – discusses the different components of multimodal needs assessment, which include data driven analysis, previous transportation studies and plans as well as internal stakeholder coordination and public involvement.

Chapter 3: 2045 Needs Plan – identifies multimodal projects need in Martin County over the next 20 to 25 years to enhance mobility, accessibility, and safety for all the users of the transportation system.

Chapter 4: Next Steps – summarizes how information included in this memorandum will be used to develop the 2045 LRTP as the project advances further in the planning process.

2. Multimodal Needs Assessment

This chapter discusses the different components of multimodal needs assessment, which include data driven analysis, previous transportation studies and plans as well as internal stakeholder coordination and public involvement (**Figure 2-1**).



Figure 2-1: Multimodal Needs Assessment Components

As shown in **Figure 2-1**, the multimodal needs assessment conducted for *Martin in Motion* was a comprehensive effort to identify projects needed in the County to enhance mobility, accessibility, and safety for all the users of the transportation system. The community's vision, goals and objectives developed for the 2045 LRTP served as the foundation for needs assessment. Further, three major components - data driven analysis, previous transportation studies as well as internal stakeholder coordination and public involvement along were used to identify transportation improvements and projects for different modes and categories. It should be noted that each major component has several subcomponents, which are described below.

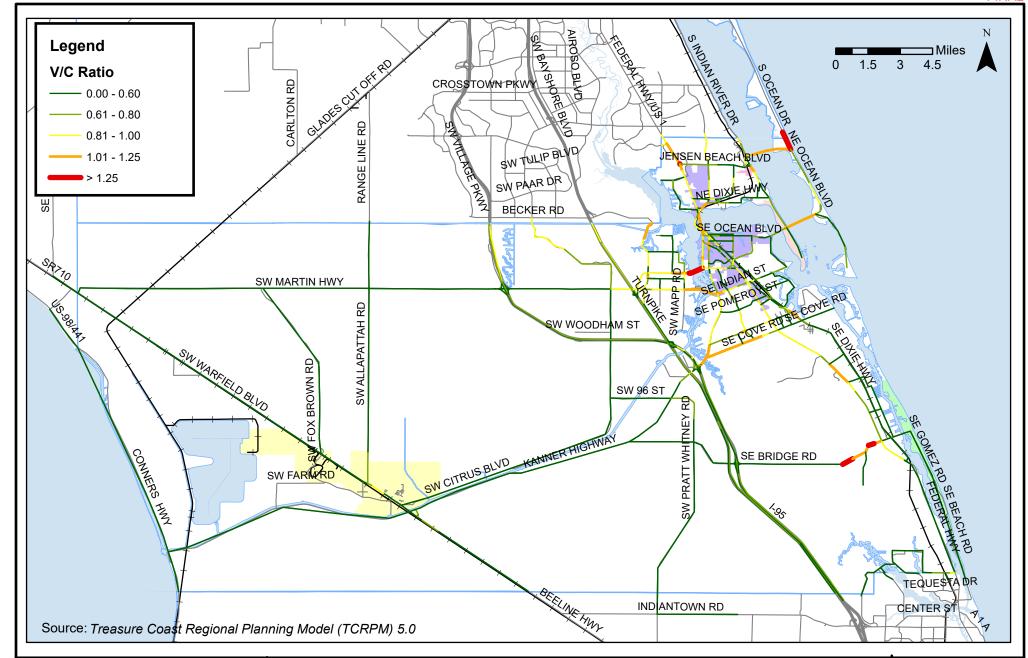
2.1 Data Driven Analysis

The data driven analysis is the technical component of the 2045 Needs Assessment, which comprises travel demand forecasting using the Treasure Coast Regional Planning Model (TCRM) 5.0 and congested network analysis using "big data."

2.1.1 Treasure Coast Regional Planning Model (TCRPM), Version 5.0

As documented in Technical Memorandum #5 – Travel Demand Modeling, the TCRPM 5.0 includes base year (2015) and future year (2045) socioeconomic, demographic, and land use data. These data are used to forecast future travel demand, trip making characteristics and travel patterns. Some of these demand parameters are quantified in TM# 5. The TCRPM 5.0 also includes existing plus committed (E+C) highway and transit network. Existing network comprises roadways/highway and public transportation facilties that are in use today while the committed network includes projects that are in the Martin MPO's TIP and funded for construction through FY 2024/2025. In other words, transportation improvements that would be constructed or implemented by 2025 is considered as "committed." The transportation network in the TCRPM defines the supply side of the regional travel demand model.

To evaluate future year highway and transit needs, the 2045 travel demand (traffic volumes) derived from 2045 socioeconomic, demographic, and land use data was loaded on the E+C network. This process helped identify stresses in the transportation network measured as volume to capacity (v/c) ratio. In the transportation network, if the demand (traffic volume) exceeds supply (roadway capacity), the v/c ratio is higher than 1.0 and indicates traffic congestion. Approximately 48 roadway segments with v/c ratio higher than 1.0 were consolidated to create 16 corridors based on proximity, segment length and laneage. **Figure 2-2** shows v/c ratio for the Year 2045 in Martin County if no additional transportation improvements beyond the E+C is implemented.





Volume to Capacity Ratio
Year 2045 with Existing + Committed Network
Martin County



Figure 2-2

Table 2-1 shows roadway segments in Martin County with v/c ratio approximately 1.05 or more, indicating that traffic volume exceeds roadway capacity by at least 5%.

Table 2-1: Volume to Capacity Ratio, Year 2045 with E+C Network

Facility	From	То	Average Volume to Capacity Ratio, 2045	
Federal Highway/US 1	NW Mall Entry S	SE Westmoreland Blvd	1.12	
Federal Highway/US 1	SW Ocean Blvd	NW Wright Blvd	1.09	
Federal Highway/US 1	SE Heritage Blvd	SE Osprey St	1.05	
Kanner Hwy (S Colorado Avenue)	SE Lonita St	SE Martin Luther King Jr Blvd	1.08	
Kanner Hwy	I-95	SE Cove Rd	1.21	
NE Causeway Blvd	NE Indian River Dr	NE Ocean Blvd	1.23	
NE Ocean Blvd	S Sewalls Point Rd	NE MacArthur Blvd	1.12	
NW Dixie Hwy	SW Joan Jefferson Way	US-1/Federal Highway	1.14	
Old Dixie Hwy	SE Salerno Rd	SE Seaward St	1.06	
S Ocean Dr	North County Line	NE Causeway Blvd	1.52	
SE Bridge Rd	Powerline Ave	US-1/Federal Highway	1.21	
SE Green River Pkwy	NW Wright Blvd	NW Dixie Hwy	1.16	
SE Salerno Rd	SE Smith Ave	SE Willoughby Blvd	1.05	
SW 36th Street	SW Mapp Rd	Kanner Hwy	1.04	
SW Martin Downs Blvd	SW Matheson Ave	SW Palm City Rd	1.15	
SW Murphy Rd	Wisper Bay Terrace	North County Line	1.08	

Source: Derived from TCRPM 5.0

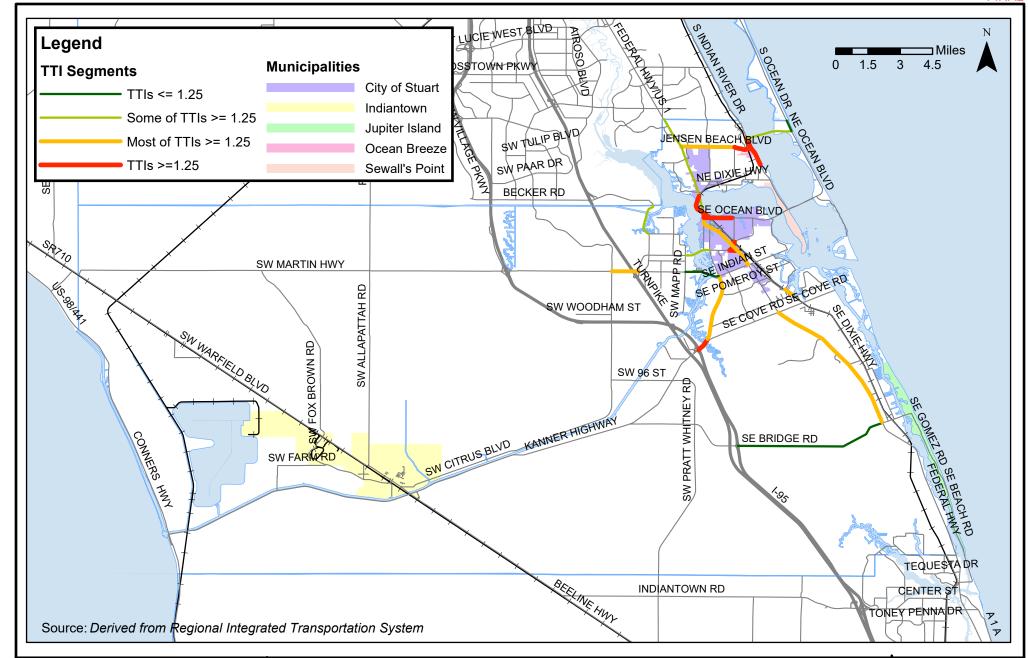
Based on input received from the Project Steering Committee (PSC), March 4, 2020, all the roadway segments with v/c ratio higher than 1.05 were identified and included in the highway/roadway (non-Strategic Intermodal System) needs assessment.

2.1.2 Congestion Management Process (CMP) Update

An integral part of the CMP Update is to define the CMP network and conduct network analysis to identify congested corridors. Technical Memorandum #5 – CMP Update provides a detailed explanation of the rationale used to define the CPM network, key data sources and evaluation process used to identify congested roadway segments in Martin County.

In addition to the congested network analysis, the FDOT's *Transportation Systems and Operations Management (TSM&O) Master Plan, March 2019* and the *Treasure Coast Congestion Assessment, June 2020* that identified congestion hotspots were used as reference data for CMP Update.

Figure 2-3 shows congested corridors based on Travel Time Index (TTI) of 1.25 and Planning Time Index (PTI) of 1.30 – a measure of reliability using 2018 data.





Congested Roadway Network, Year 2019

Martin County



Figure 2-3

Twenty-five congested roadway segments along the following facilities were identified (**Figure 2-3**).

- Bridge Road
- Jensen Beach Boulevard
- SW Kanner Highway/SR-76
- SW Martin Highway/CR-714
- SE Monterey Road
- US-1/Federal Highway
- SW Murphy Road
- SR-714
- Dixie Highway
- SW Ocean Boulevard
- SW Joan Jefferson Way
- Indian River Drive
- CR-732/NE Causeway Boulevard
- SR-A1A

2.2 Previous Transportation Studies and Plans

To ensure consistency with existing transportation and land use plans, the project team reviewed more than 16 studies and plans prepared by the Martin MPO and its partner agencies. The plans/studies reviewed by the project team are listed below.

- 2020-2029 Transit Development Plan, Martin County, August 2019
- Transportation Improvement Program, FY 2019/20-FY 2023/24, Martin MPO; June 2019
- City of Stuart Tram Business Plan, Martin MPO, Spring 2019
- Martin County Transit Operations Center Feasibility Study, Martin MPO, April 2018
- Bicycle, Pedestrian and Trails Master Plan, Martin MPO, December 2017
- FEC Railroad Grade Separation Feasibility Study, Martin MPO, August 2017
- Martin and St. Lucie Regional Waterways Plan, Martin MPO, December 2014
- FDOT Five-Year Work Program, FY 2019/20-FY 2023/24
- TSM&O Master Plan, FDOT, March 2019
- 2045 Strategic Intermodal System Plan, FDOT, June 2019
- Freight Mobility and Trade Plan (FMTP), April 2020
- Park-And-Ride Master Plan, FDOT, October 2018
- 2040 LRTP, Martin MPO, December 2015
- 2040 Treasure Coast RLRTP, 2017
- City of Stuart Brightline Station Analysis, 2018
- Martin County Airport/Whitham Airfield Master Plan Update, FDOT, November 2010

Several multimodal projects that were valid in the current context as well relevant in the future were included in the 2045 Needs Plan. In addition, projects from on-going studies,

such as Martin MPO's *Freight and Goods Movement Study* and *Complete Streets: Access to Transit Study* were also considered in the Needs Assessment for consistency.

2.3 Stakeholder Coordination and Public Involvement

2.3.1 Stakeholder Coordination

As part of stakeholder coordination the project team conducted one-on-one interviews with elected officials, presented 2045 LRTP information and solicited input from various focus groups as well as gathered input directly from several agencies including FDOT, Martin County and municipalities as well as through the Project Steering Committee (PSC). **Table 2-2** shows a log of various meetings.

Table 2-2: Agency Coordination/Focus Group Meetings

Agency/Focus Group	Timeframe	Location	Key Discussion Topic	
Stuart/Martin County Chamber of Commerce	9/25/2019	1650 S Kanner Hwy, Stuart, FL 34994	Project Overview	
Martin County Employee Benefits Fair	10/19/2019	2401 SE Monterey Rd, Stuart, FL 34996	Funding Priorities	
Jensen Beach Chamber of Commerce	11/4/2019	1960 NE Jensen Beach Blvd, Jensen Beach, FL 34957	Project Overview	
Elected Officials One-on-one Interviews	Oct./Nov. 2019	Various	Transportation Needs	
Florida Department of Transportation, District Four	11/21/2019	3400 W. Commercial Blvd., Ft. Lauderdale, FL 33309	Project Overview and Status Update	
Project Steering Committee Meeting #3	3/4/2020	2401 SE Monterey Rd, Stuart, FL 34996	Needs Assessment	

2.3.2 Public Involvement

Extensive public involvement effort conducted for the Martin in Motion included conducting three Public Open House visioning sessions in early October 2019, online survey on the project website (www.MartininMotion.com), in-person survey at Treasure Coast Mall (September 29, 2019), and gathering location-specific comments using online mapping tool as well as through email and other digital communication channels.

Table 2-3: Public Meetings

Meeting	Timeframe	Location	Key Discussion Topic	
2045 LRTP Survey (in-person)	9/28/2019	Treasure Coast Square Mall 3174 NW Federal Hwy, Jensen Beach, FL 34957	Transportation Needs and Priorities	
Public Open House #1 – Stuart City Hall	10/2/2019	121 SW Flagler Avenue, Stuart, FL. 34994	Visioning Session	
Public Open House #2 – Port Salerno Civic Center	10/3/2019	15200 SW Adams Avenue, Indiantown, FL 34956	Visioning Session	
Public Open House #3 – Elisabeth Lahti Library	10/8/2019	4940 SE Anchor Avenue, Stuart, FL. 34997	Visioning Session	
Martin County, District 3 Town Hall Meeting - Hobe Sound Civic Center	12/11/2019	8980 SE Olympus St, Hobe Sound, FL 33455	Funding Priorities	
Complete Streets: Access to Transit Public Open House - Indian River State College, Chastain Campus, Wolf Technology Center	1/14/2020	2400 SE Salerno Road, Stuart, FL 34997	Funding Priorities	
Joint TAC/CAC/BPAC Advisory Committee Meeting	4/29/2020	Blake Library 2351 SE Monterey Rd,	Needs Assessment	
Martin MPO Policy Board Meeting	5/11/2020	Stuart, FL 34996	Needs Assessment	

Input received from the Public Open House as well as through surveys in documented in the Public Involvement Summary Report. **Figure 2-4** shows public comments for specific locations in the County.

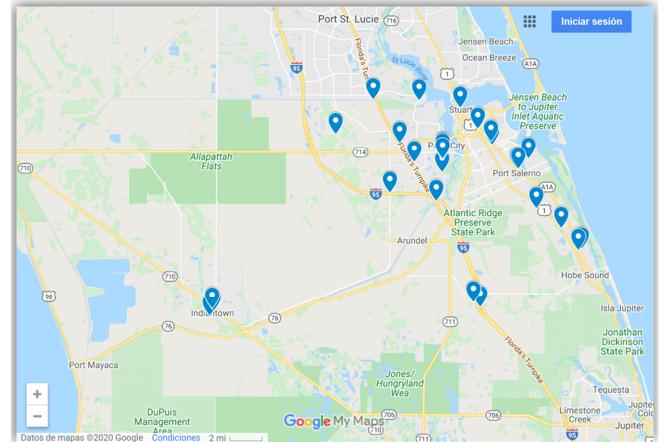


Figure 2-4: Location-specific Comments, Public Input

Source: www.martininmotion.com

Below is summary of the public comments received.

- Twenty-five location-specific comments for improvement needs through interactive map and emails/comment form were received.
- Seven comments related to transportation issues senior transportation, school buses, transit service, bike/ped safety.
- Two comments requested providing project related information.

3. 2045 Needs Plan

This chapter identifies multimodal projects needed in Martin County over the next 20 to 25 years to enhance mobility, accessibility, and safety for all the users of the transportation system. The needs assessment serves as the foundation of 2045 Needs Plan. A summary description of the 2045 Needs Plan by mode or project categories along with corresponding figures follows. **Appendix-1** provides an itemized project list by mode and cross references the map identifiers shown on various figures. Project cost are also included for each line item.

3.1 Transit Projects

The following transit service (Marty) and capital improvements are included in the 2045 Needs Plan for a total operating expense of \$199.93 million (YOE) over 20 years and approximately \$52.08 million (YOE) in capital cost. **Figure 3-1** shows Marty's existing fixed routes, service expansion (new routes and Saturday service), Mobility on Demand (MoD) service areas as well as the Downtown Stuart Tram routes.

Marty Transit Service/Operations

- Maintain existing service levels fixed route and paratransit
- Route Restructuring (Routes 2 and 3)
- Expanded Service Level (Routes 1, 2 and 3)
- New Routes (Jensen Beach Route)
- Mobility on Demand (MOD) Service
 - o Jensen Beach/Rio
 - o Palm City

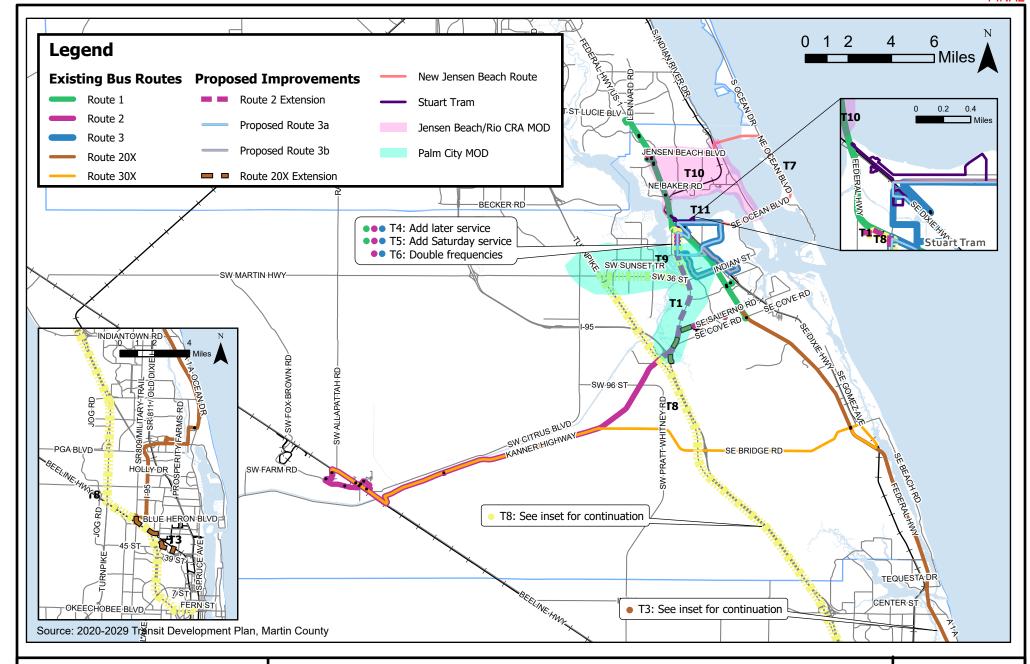
Capital Improvements

- Rolling stock (fleet replacement)
- Transit/bus stop infrastructure
- Transit operations and maintenance facility
- Intermodal hub
- New Park-and-Ride facility (connection to Palm Beach Tri-Rail Intermodal Center)
- Virgin Trains USA/Brightline Station (private sector funded)

Downtown Stuart Tram

- Maintain existing service level
- Expanded Service Level (Two Routes), 10- to 15-minute headway
- Expanded Service Level (Two Routes), Less than 10- to 15- minute headway
- Two New Shelters

The transit needs identified are consistent with Martin County's 2020-2029 Transit Development Plan, August 2019 and Martin MPO's City of Stuart Tram Business Plan, Martin MPO, Spring 2019, and Martin County Transit Operations Center Feasibility Study, Martin MPO, April 2018.





2045 Needs Assessment
Transit Projects
Martin County



3.2 Roadway/Highway Needs

3.2.1 Non- Strategic Intermodal System (SIS) Facilities

Figure 3-2 shows cost feasible roadway projects. These projects cost approximately \$593.4 million (YOE). Projects include three PD&E Studies and SR-714/Martin Highway construction project, two safety projects and as well as roadway widening projects. Of the two new road projects, Village Pkwy Extension is privately funded.

• Currently Funded

- o SR-714/Martin Hwy from Citrus Blvd. to Martin Downs Blvd.
- o Willoughby Blvd. PD&E Study
- Cove Road PD&E Study
- CR-713/High Meadow Ave PD&E Study

Two Safety Projects

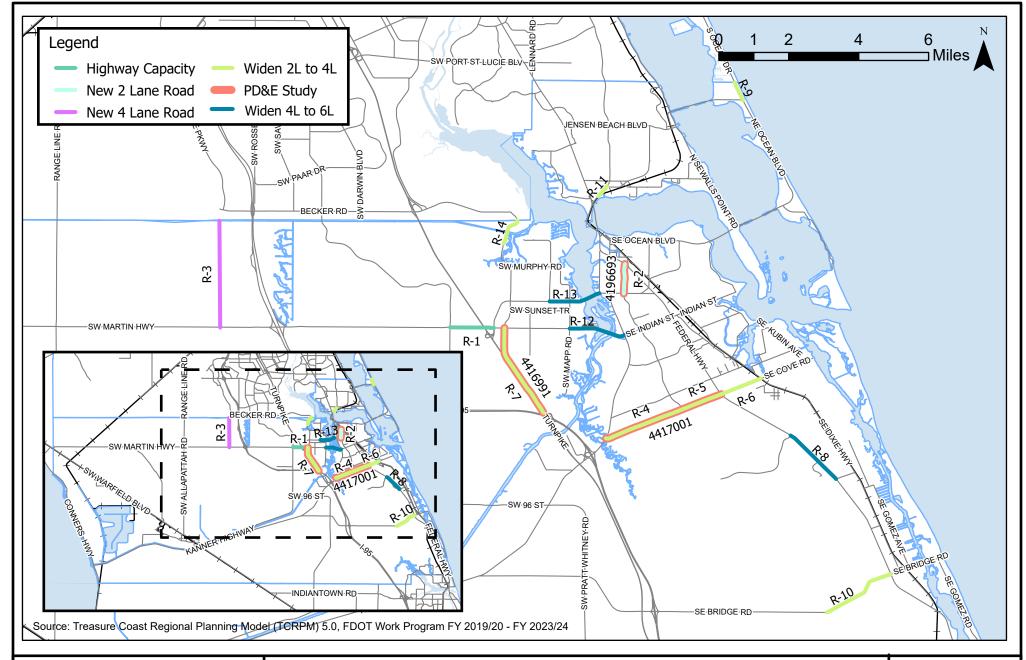
- o SR-5/US-1 at Joan Jefferson Way
- o CR-714/Martin Hwy Realignment

Seven Roadway Widening Projects

- Cove Road
- o CR-713/High Meadow Ave
- o S Ocean Drive
- o SE Bridge Rd
- SE Green River Pkwy
- SW Murphy Rd
- o Federal Hwy/US-1
- Martin Highway
- o SW Martin Downs Rd.

Two New Road Projects

- o Willoughby Blvd.
- Village Parkway Extension





2045 Needs Assessment
Roadways
Martin County

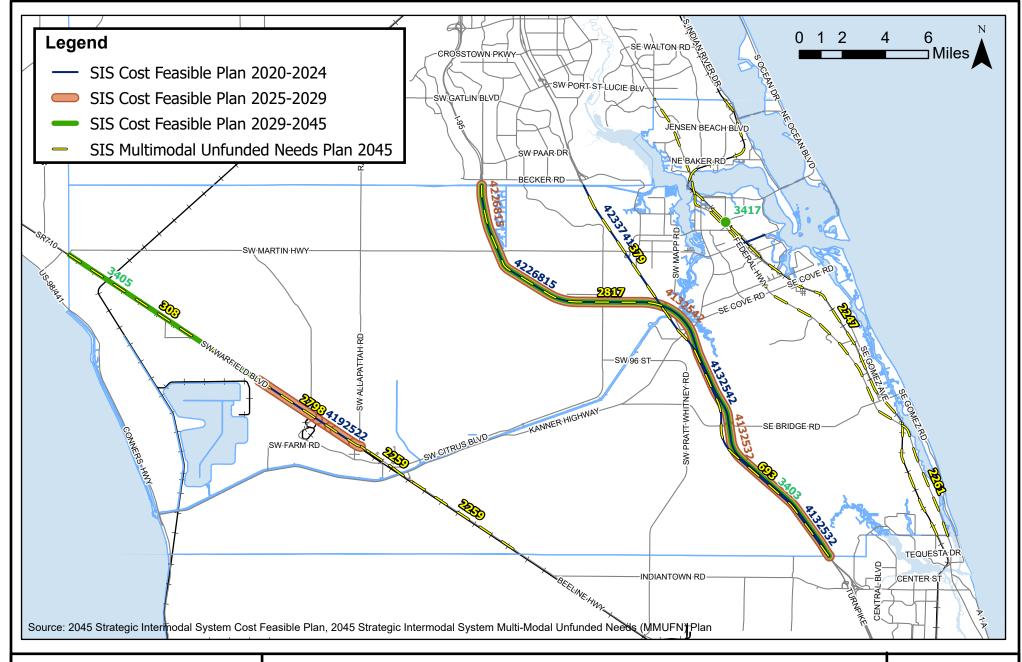


3.2.2 Strategic Intermodal System (SIS) Facilities

The following SIS projects are identified by FDOT and included in the *SIS 2029-2045 Cost Feasible Plan, July 2018* for a total of approximately \$187.8 million (YOE) and *2045 Multimodal Unfunded Needs Plan, June 2017* for a total of approximately \$2.06 billion (YOE). These projects include Project Development & Environment (PD&E) studies for different segments of I-95, highway capacity improvements on SR-710 and I-95 as well as a safety project at Monterey Road and Florida East Coast (FEC) mainline (**Figure 3-3**).

- Three PD&E Studies on I-95
- Highway capacity improvements on SR-710/Warfield Blvd. and I-95
- One safety/freight project at SR-714/Monterey Road and FEC mainline
- Two capacity projects on Florida's Turnpike
- New SR-710 bypass facility
- I-95 interchange modification (High Meadow Avenue to Becker Road in St. Lucie County¹)
- Two fixed exclusive guideway transit projects along US-1/Federal Highway and SR-710
- One transit hub at Indiantown
- Amtrak passenger rail service (statewide)

¹ Figure 3-3 shows project extent within Martin County. It should be noted that the north limit of the project, which is Becker Road is in St. Lucie County.





2045 Needs Assessment
Strategic Intermodal System Projects
Martin County

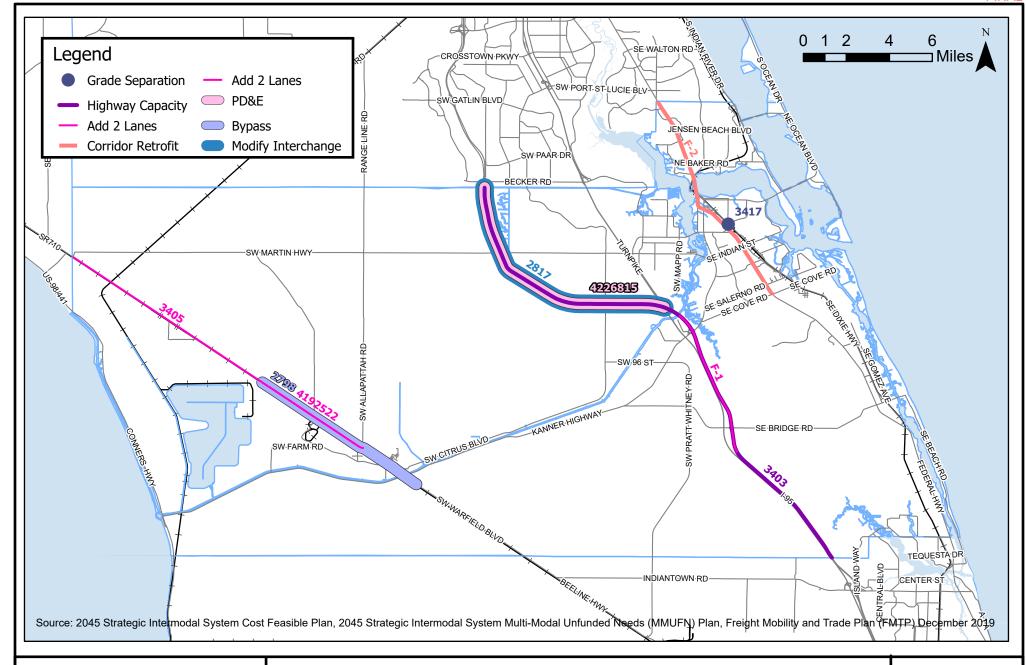


3.3 Freight Projects

The freight projects overlap with the SIS projects (**Figure 3-4**). Primary source for identifying freight project needs was FDOT's *Freight Mobility and Trade Plan (FMTP)*, *April 2020*. The majority of the freight projects included in the FMTP overlap with the FDOT's *SIS 2029-2045 Cost Feasible Plan, July 2018* and 2045 *Multimodal Unfunded Needs Plan, June 2017*. In addition, improvements on I-95 and US-1/Federal Hwy were included from *2040 Regional LRTP*. The total cost of freight projects is approximately \$334.6 million (YOE), which includes approximately \$187.8 million (YOE) for SIS improvements.

In addition to the seven SIS projects on I-95, SR-710, and SR-714/Monterey Road, the following two project initiatives have been identified by FDOT Leadership in District Four jurisdiction.

- Connected Freight Priority System Deployment
- Strategies for Reducing Railroad Trespassing (SRRT) Pilot Project





2045 Needs Assessment
Freight
Martin County



3.4 Transportation Systems Management & Operations (TSM&O)

Based on congested network analysis conducted for CMP Update and input received from Martin County, 15 roadway segments listed below and shown in **Figure 3-5** were identified as part of 2045 Needs Plan. It should be noted that corridor-specific improvements have not been identified at this time. In addition, Intelligent Transportation System (ITS) infrastructure improvements, which include installing equipment at signalized intersections, were included in the 2045 Needs Plan.

Roadway Segments

- o Colorado Avenue
- o CR-732/Jensen Beach Causeway
- Dixie Highway
- Jensen Beach Boulevard
- Martin Downs Road/SR-714
- o NE Indian River Drive
- NE Ocean Boulevard
- SE Green River Parkway
- SE Monterey Road (Ext.)
- o SR-A1A
- SW 36th Street (Martin Highway)
- o SW High Meadow Avenue
- SW Joan Jefferson Way
- SW Ocean Boulevard
- SE Bridge Road

ITS Infrastructure Needs

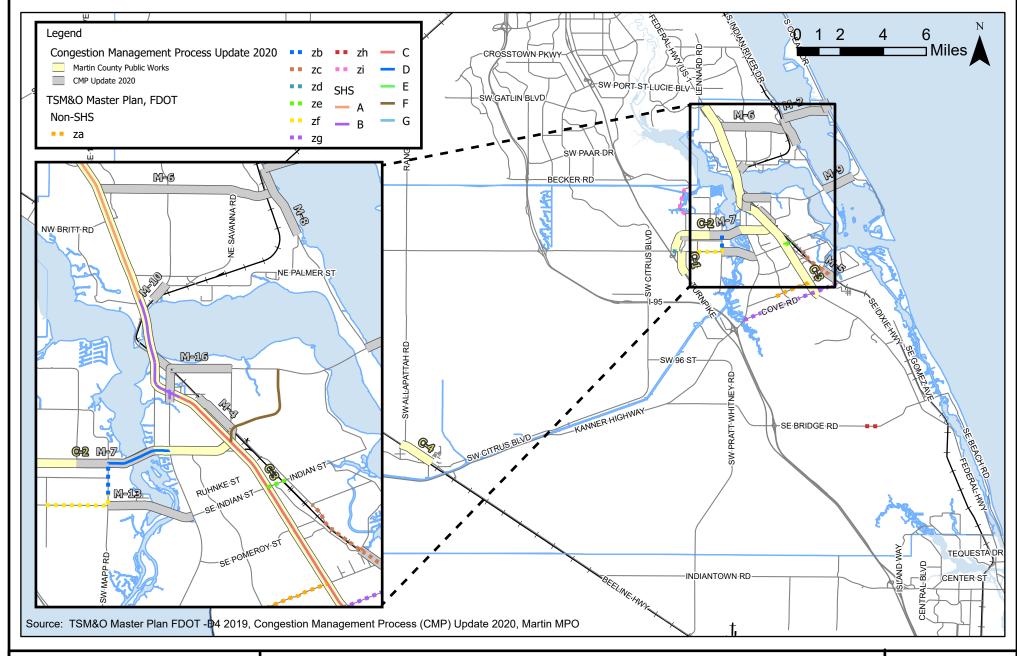
Based on FDOT's *TSM&O Master Plan, March 2019*, the following roadway segments were included in the 2045 Needs Plan. Some of these overlap with the above listed corridors. Further, six ITS projects included in the I-95 Treasure Coast Multimodal Master Plan are also part of the 2045 Needs Plan.

• On-system: Seven segments along -

- o Federal Highway
- o SW Martin Downs Boulevard
- Kanner Highway
- SR-714/SE Monterey Road

Off-system: Nine segments along -

- o SE Salerno Road
- SW Mapp Road
- SE Dixie Highway
- SE Indian Street
- SW Martin Highway
- SE Cove Road
- o SE Bridge Road
- Murphy Road





2045 Needs Assessment
TSM&O/ITS
Martin County

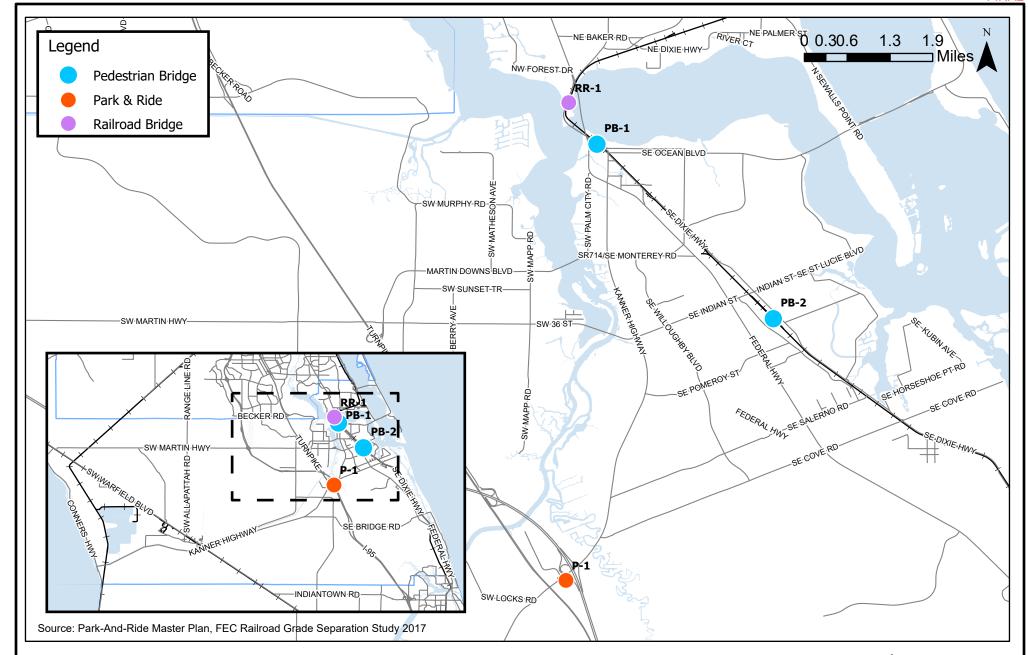


3.5 Other Projects – Travel Demand Management, Safety and Strategic Initiatives

The other project category includes Travel Demand Management (TDM), safety and strategic initiatives as well as Park-and-Ride facilties (**Figure 3-6**). These following needs were identified based on *Park-And-Ride Master Plan*, *FDOT*, *October 2018* and *FEC Railroad Grade Separation Feasibility Study*, *Martin MPO*, *August 2017* and key stakeholder input.

- Park-and-Ride Facilities (three locations)
 - o Kanner Highway/SR-76 at I-95
 - o West of I-95 between Becker Road and Martin Highway
 - West of Turnpike in vicinity of Sand Avenue
- Non-motorized grade crossings (pedestrian bridge) in Downtown Stuart and Golden Gate along Florida East Coast (FEC) main line
- FEC Rail Bridge Double Tracking over St. Lucie River

Total cost to implement the projects included in the category is estimated at approximately \$28.0 million (YOE). It should be noted that this does not include cost to double track FEC rail bridge over St. Lucie Rive, which is a funded through private sector.





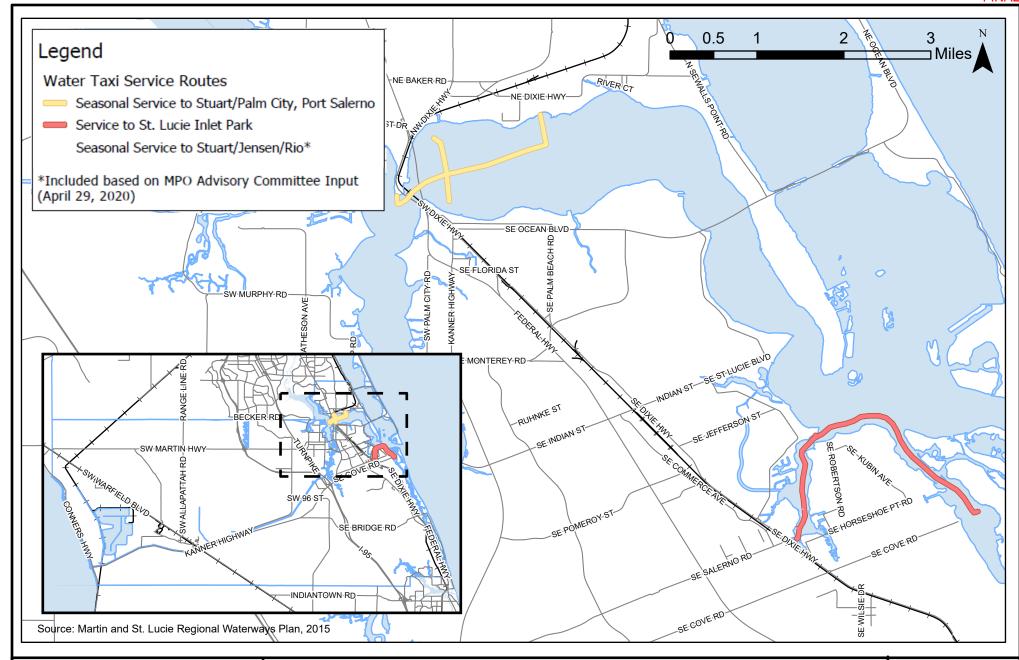
2045 Needs Assessment
Other Projects
Martin County



3.6 Waterborne Transportation

Waterborne transportation needs were identified based on *Martin and St. Lucie Regional Waterways Plan, Martin MPO, December 2014*. The following specific projects and water taxi services were included in the 2045 Needs Plan at approximately \$17.92 million (YOE) (**Figure 3-7**). This cost includes capital improvements and operations and maintenance cost for a 20-year period.

- Water Taxi Service
 - o Sandsprit Park to St. Lucie Preserve State Park
 - o Seasonal and/or Special Events/Festivals around key nodes
 - Stuart/Palm City
 - Port Salerno/Manatee Pocket
 - Stuart/Jensen/Rio
- Water based transportation feasibility study



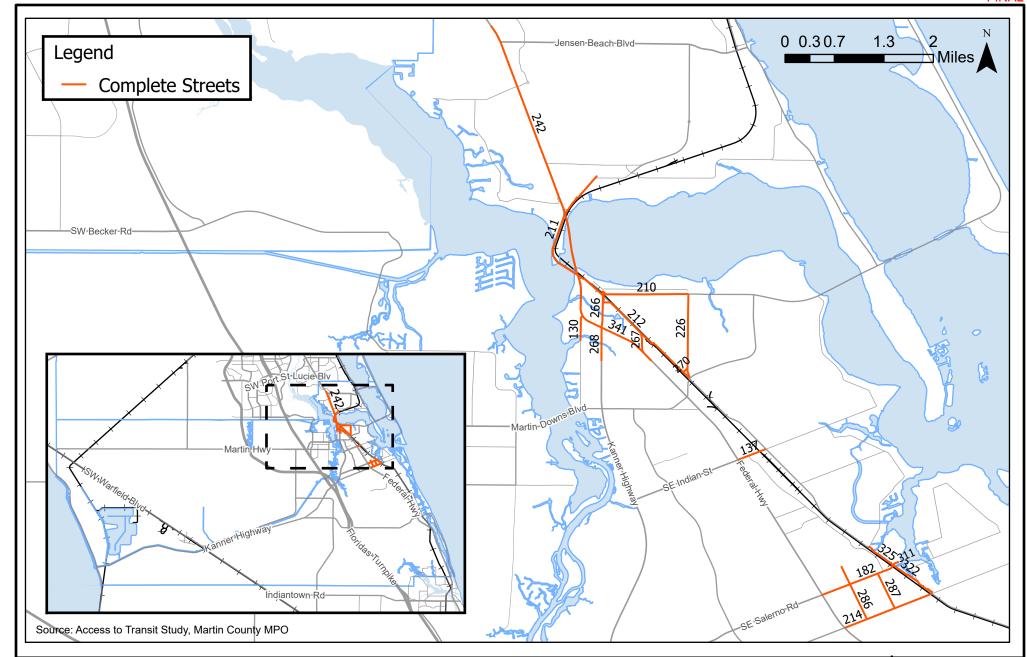


2045 Needs Assessment
Waterways
Martin County



3.7 Complete Streets

Martin MPO conducted a comprehensive *Complete Streets: Access to Transit Study, June 2020.* Various projects included in the 2045 Needs Plan are consistent with this *Study* and reflect Tier 1 priority. Further, the MPO prepared existing and proposed cross sections for 10 complete streets projects as part of this effort. A total of 17 projects that would create 15 miles complete streets network are part the 2045 Needs Plan. The total cost to implement these projects is estimated at approximately \$50.2 million (YOE). **Figure 3-8** provides visual representation of the location of these projects.



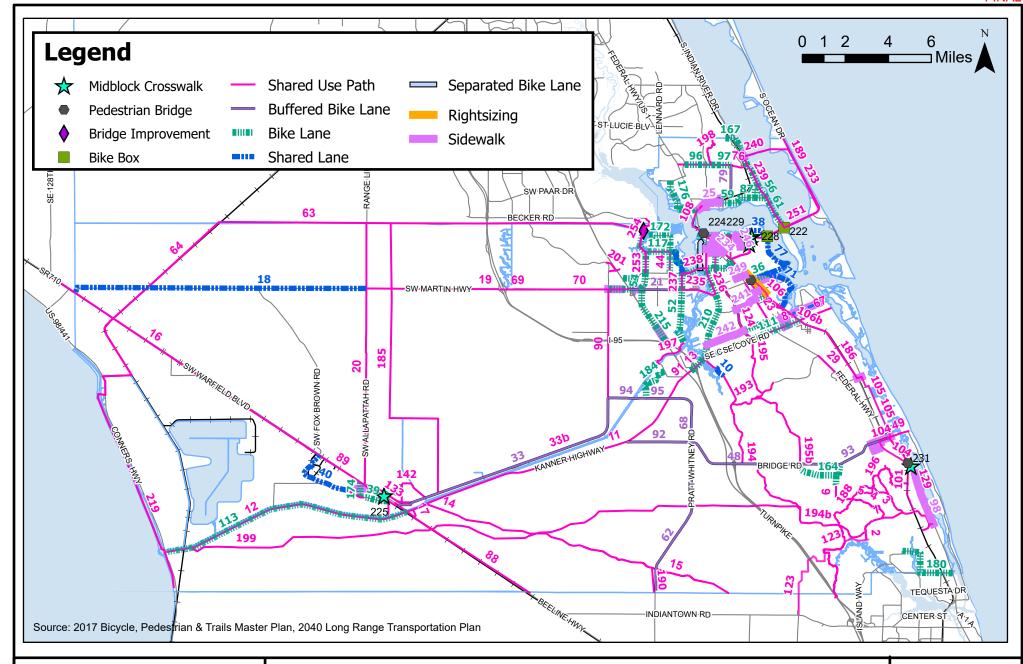


2045 Needs Assessment
Complete Streets
Martin County



3.8 Non-Motorized Transportation

As illustrated in **Figure 3-9**, an extensive network of non-motorized improvement needs was developed and included in the 2045 Needs Plan based on a review of 2040 LRTP – Moving Martin Forward, Martin MPO, December 2015 and Bicycle, Pedestrian and Trails Master Plan, Martin MPO, December 2017 as well as input received from Martin MPO's Bicycle and Pedestrian Advisory (BPAC) Committee. Total project cost to implement the non-motorized improvements is estimate at approximately \$623.0 million (YOE).





2045 Needs Assessment
Nonmotorized
Martin County



3.9 Aviation

The 2045 Needs Plan includes the following aviation projects at approximately \$3.9 million (YOE). These projects are included in the *Martin County Airport and Witham Field's Capital Improvement Plan (CIP)*.

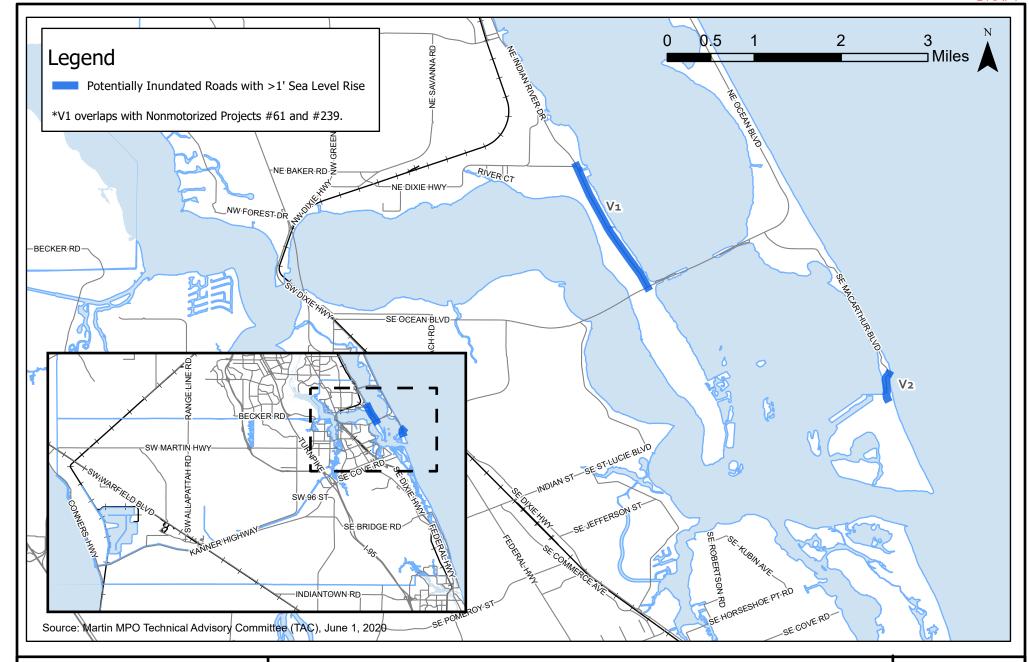
- Air Traffic Control Tower Equipment Upgrade (Recorder and Radios)
- Construct Airport Interconnect Rd. Flying Fortress Extension
- Rehabilitation of MC Non-Movement Areas Phase V (Design & Const)
- Tree Mitigation Project RPZ and Part 77 (SE St. Lucie Canal)

It should be noted that the FDOT provides 80% funding of the total cost to support these projects while the remaining 20% is local and/or federal match.

3.10 Resiliency Projects

The Technical Memorandum #6 - Additional Elements includes literature review, a summary discussion of tools and various analyses conducted by Martin County and FDOT as it relates to extreme weather events, storm surge and sea level rise (SLR). Based on input received from the Martin MPO's Technical Advisory Committee (TAC) on April 29, 2020, the following two roadway segments were included as resiliency projects (**Figure 3-10**).

- N Sewalls Point Road from SR-A1A/NE Ocean Blvd. to SE Palmer Street
- SE MacArthur Blvd. from SE South Marina Way to approximately 1500 feet North





2045 Needs Assessment
Resiliency Projects
Martin County



3.11 Project Cost Estimates

Planning level project cost estimates were developed from various sources discussed below. The methodology used to develop project cost estimates follows FDOT's *Revenue Forecasting Guidebook, July 3, 2018* and *MPO Advisory Council's (MPOAC) Financial Guidelines for MPO 2045 Long Range Plans, July 13, 2017* to reflect all the project costs in Year of Expenditure (YOE).

3.11.1 Transit Capital and Operations & Maintenance Cost

The Martin County's 2020-2029 Transit Development Plan, August 2019 and Martin MPO's City of Stuart Tram Business Plan, Martin MPO, Spring 2019, and Martin County Transit Operations Center Feasibility Study, Martin MPO, April 2018 served as the foundation for deriving transit capital infrastructure and operating cost. These costs were adjusted from Present Day Cost (PCT) to Year of Expenditure (YOE) using FDOT's inflation factors included in the Revenue Forecasting Guidebook, July 2018.

3.11.2 Highway/Roadway (Non-SIS) Project Cost

Base construction cost for highway/roadway projects was derived from Martin MPO's 2040 LRTP, December 2015 and FDOT's generic cost per mile models. Base construction cost per mile were multiplied by the length of the project (in miles). In the next step, percentages were applied for mobilization (10%) and maintenance of traffic (MOT) (10%). To account for uncertainties and limitations in developing planning level cost estimates, the scope contingency/project unknown factor (20%) was added. Finally, the total construction cost estimates were developed to include design/preliminary engineering (15%) and construction engineering and inspection (CEI, 15% for state roads and 10% for county roads). These estimates developed in PDC were converted to YOE using FDOT's inflation factors corresponding to five-year increments, 2026-2030, 2031-2035, and 2036-2045.

It should be noted that project cost for the first five-year increment 2021-2025 were consistent with FDOT's Five-Year Tentative Work Program 2020-2025 and Martin MPO's FY 2020/21 – FY 2024/25. Further, project cost for SR-5/US-1 intersection modification were based on FDOT's SR-5/US-1 at SW Joan Jefferson Way Planning Study, 2019 while cost estimate for CR-714/Martin Highway Realignment was obtained from SR-710 PD&E Study from US 441 to SW Martin Highway in Okeechobee and Martin Counties.

3.11.3 Strategic Intermodal System (SIS) Project Cost

Cost of SIS projects are consistent with the FDOT's SIS 2029-2045 Cost Feasible Plan, July 2018 and 2045 Multimodal Unfunded Needs Plan, June 2017. The FDOT develops these cost estimates in YOE dollars and therefore no adjustments are necessary.

3.11.4 Freight Project Cost

Majority of the freight projects overlap with SIS projects. From those project that do not overlap with the SIS facility improvements, cost was obtained from the FDOT's *Freight Mobility and Trade Plan, April 2020* as well as the *2040 Regional LRTP*. These costs were adjusted for inflation as appropriate.

3.11.5 Other Projects Cost

The cost for park and ride facilities are consistent with *Park-And-Ride Master Plan, FDOT, October 2018*, while cost for the two non-motorized grade separation projects are borrowed from the *FEC Railroad Grade Separation Feasibility Study, Martin MPO, August 2017.*

3.11.6 TSM&O/ITS Project Cost

Since corridor-specific improvements have not been identified at this time, project cost for TSM&O/ITS project cost were developed.

3.11.7 Complete Streets Project Cost

In the initial step, base construction cost for complete streets projects was derived using FDOT's generic cost per mile models. Then, cost of other project elements identified in the proposed cross section for a given facility were identified. Unit cost for these project elements were developed using a "top-down" approach, where unit costs are borrowed from standard industry sources. A composite unit cost was then derived, which include base construction cost plus project specific elements. This composite unit cost was multiplied by the length of the project (in miles) to calculate total cost. Similar to highway/roadway project cost estimates, factors were added to account for mobilization (10%) and maintenance of traffic (MOT, 10%), scope contingency/project unknown (20%), design/preliminary engineering (15%), and construction engineering and inspection (CEI, 15% for state roads and 10% for county roads). Finally, project cost in PDC were converted into YOE using FDOT's inflation factors corresponding to five-year increments, 2026-2030, 2031-2035, and 2036-2045.

3.11.8 Non-Motorized Projects Cost

The methodology used to develop cost for sidewalk improvements, bicycle corridors and greenways and trails is analogous to highway/roadway (non-SIS) cost estimation procedures. In addition, project cost for certain elements were borrowed from national and statewide sources. **Appendix-1** includes specific footnotes for such project elements.

3.11.9 Aviation Project Cost

Cost for aviation projects are from the *Martin County Airport and Witham Field's Capital Improvement Plan (CIP)*.

3.11.10 Resiliency Project Cost

The roadway segment on N Sewalls Point Road overlaps with two non-motorized projects. Cost estimates for the above listed resiliency projects were not developed due to lack of information of specific improvements at the time.

As shown in **Table 3-1**, the total cost of projects included in the 2045 Needs Plan is approximately \$1.038 billion in Present Day Cost (PDC) or \$1.797 billion Year of Expenditure (YOE). These projects would be implemented over a 20-year period from 2026 to 2045. The first five-year time span of the LRTP from 2021 to 2025 is consistent with the projects included in the Martin MPO's FY 2020/21 – FY 2024/25 Transportation Improvement Program (TIP) at approximately \$130.6 million (YOE).

Table 3-1: 2045 Needs Plan Project Cost Summary

Category	Present Day Cost Year of Expenditure (YOE)			25-Year Total	20-Year Total	YOE		
Category	(PDC)	2021-2025 ¹	2026-2030	2031-2035	2036-2045	2021-2045	2026-2045	Beyond 2045 ²
Transit								
Transit Operating Cost*	\$152,490,775		\$36,761,913	\$44,832,288	\$118,332,841	\$199,927,043	\$199,927,043	-
Transit Capital Cost	\$17,113,534		\$18,089,276	\$4,057,466	\$29,929,951	\$52,076,694	\$52,076,694	-
Highway/Roadway (non Strategic Intermodal System (SIS))	\$385,079,416	\$47,082,871	\$57,182,483	\$96,082,119	\$440,163,831	\$640,511,304	\$593,428,433	-
Strategic Intermodal System (SIS)	-	\$9,110,000	\$41,422,087	\$174,494,000	\$13,337,000	\$238,363,087	\$229,253,087	\$2,056,145,000
Freight ³	-	\$4,917,683	\$41,422,087	\$174,494,000	\$13,337,000	\$234,170,770	\$229,253,087	\$146,810,000
Transportation System Management & Operations (TSM&O) ⁴	-	-	-	-	-	-		-
Other (Park-and-Ride, Non-Motorized Grade Separation)	\$19,247,696	\$0	\$16,916,770	\$0	\$11,085,703	\$28,002,473	\$28,002,473	-
Water Based Transportation								
Operating Cost*	\$9,750,000	\$0	\$0	\$4,777,500	\$12,610,000	\$17,387,500	\$17,387,500	-
Capital Cost	\$710,000	\$0	\$0	\$529,200	\$0	\$529,200	\$529,200	-
Complete Streets ⁵	\$46,433,783		\$27,292,804	\$14,528,710	\$8,400,509	\$50,222,023	\$50,222,023	-
Non-Motorized Projects ⁵	\$389,607,687	\$6,982,844	\$142,400,658	\$167,829,860	\$312,775,634	\$629,988,996	\$623,006,152	-
Sidewalks	\$10,289,028	\$2,443,147	\$1,927,773	\$3,033,445	\$12,965,488	\$20,369,853	\$17,926,706	-
Bicycle Corridors	\$50,948,813	\$1,484,697	\$18,925,957	\$22,748,337	\$38,878,286	\$82,037,277	\$80,552,580	-
Multi-Purpose Trails and Greenways	\$328,369,846	\$3,055,000	\$121,546,928	\$142,048,078	\$260,931,860	\$527,581,866	\$524,526,866	-
Aviation ⁶	\$17,620,000	\$0	\$3,962,500	\$0	\$0	\$3,962,500	\$3,962,500	-
Other Transportation Improvement Plan (TIP) Projects	-	\$67,375,663	-	-	-	-	-	-
Capacity Projects (non SIS)	-	\$12,312	-	-	-	-	-	-
Non-Capacity Projects	-	\$65,159,756	-	-	-	-	-	-
Planning (PL Funds)	-	\$2,203,595	-	-	-	-	-	-
Total Cost	\$1,038,052,891	\$130,551,378	\$344,028,492	\$507,131,143	\$946,635,470	\$1,860,970,820	\$1,797,795,105	
Strategic Intermodal System (SIS)	\$0	\$9,110,000	\$41,422,087	\$174,494,000	\$13,337,000	\$238,363,087	\$229,253,087	\$2,056,145,000
Transit Operating Cost*	\$152,490,775	\$0	\$36,761,913	\$44,832,288	\$118,332,841	\$199,927,043	\$199,927,043	-
Water Based Transportation (Operating Cost)*	\$9,750,000	\$0	\$0	\$4,777,500	\$12,610,000	\$17,387,500	\$17,387,500	-
Capital Project Cost (all modes)	\$875,812,116	\$121,441,378	\$265,844,492	\$283,027,355	\$802,355,629	\$1,405,293,191	\$1,351,227,476	-
Notes								

^{*} Operating cost includes total cost for the entire 5-year or 10-year period in Year of Expenditure (YOE) dollars, while Present Day Cost (PDC) reflects 25-year total operating cost for transit and 20-year total operation cost for water based transportation.

1 Time band includes funds "as programmed" in the FY 2021-2025 Transportation Improvement Program (TIP). Includes funds for transit, aviation, and Districtwide maintenance projects.

² Project costs include SIS 2045 Multimodal Unfunded Needs Plan (MMUNP), Florida Department of Transportation (FDOT), June 2017.

³ All freight project costs are included in the Strategic Intermodal System (SIS) category except \$157,683 Consolidated Rail Infrastructure and Safety Improvements (CRISI) Program grant in the 5-year increment, 2021-2025.

⁴ Project specific cost for specific Transportation System Management & Operations (TSM&O) improvements have not be developed at this stage.

⁵ Complete streets and non-motorized project cost are distributed over the planning period (Year 2026-2035) to maintain internal consistency in YOE dollars. ⁶ Florida Department of Transportation (FDOT) share is limited to 80% of the project cost.

Approximately 46% of the total 2045 Needs Plan cost is for roadway improvements while 54% of the funds are for park and ride, complete streets, non-motorized, water-based transportation, aviation, and transit projects (**Figure 3-11**).

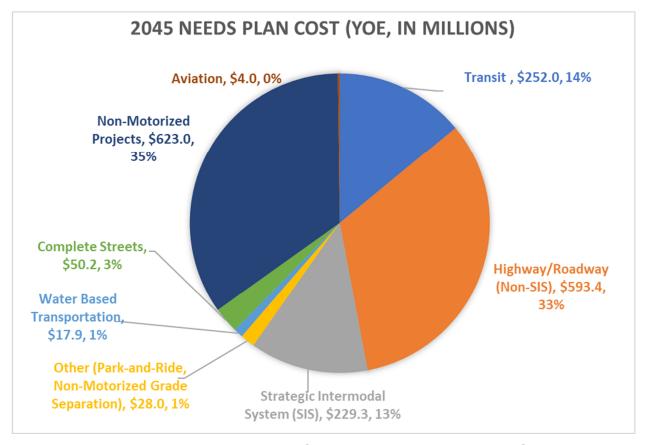


Figure 3-11: 2045 Needs Plan Project Cost Breakdown by Mode (YOE, in millions)

4. Next Steps

The project team will use information as key input in prioritizing projects and ultimately developing a cost feasible plan reflects the community's vision and meets the goals and objectives established for the 2045 LRTP at the outset of the planning process.

APPENDIX - 1: 2045 Needs Plan Projects List by Mode

Project Cost Summary, 2045 Needs Plan Martin in Motion, 2045 LRTP

Category	Present Day Cost		Year of Expe	nditure (YOE)		25-Year Total	20-Year Total	YOE
Calegory	(PDC)	2021-2025 ¹	2026-2030	2031-2035	2036-2045	2021-2045	2026-2045	Beyond 2045 ²
Transit								
Transit Operating Cost*	\$152,490,775		\$36,761,913	\$44,832,288	\$118,332,841	\$199,927,043	\$199,927,043	•
Transit Capital Cost	\$17,113,534		\$18,089,276	\$4,057,466	\$29,929,951	\$52,076,694	\$52,076,694	ı
Highway/Roadway (non Strategic Intermodal System (SIS))	\$385,079,416	\$47,082,871	\$57,182,483	\$96,082,119	\$440,163,831	\$640,511,304	\$593,428,433	1
Strategic Intermodal System (SIS)	-	\$9,110,000	\$41,422,087	\$174,494,000	\$13,337,000	\$238,363,087	\$229,253,087	\$2,056,145,000
Freight ³	-	\$4,917,683	\$41,422,087	\$174,494,000	\$13,337,000	\$234,170,770	\$229,253,087	\$146,810,000
Transportation System Management & Operations (TSM&O) ⁴	-	-	-	-	-	-		1
Other (Park-and-Ride, Non-Motorized Grade Separation)	\$19,247,696	\$0	\$16,916,770	\$0	\$11,085,703	\$28,002,473	\$28,002,473	-
Water Based Transportation								
Operating Cost*	\$9,750,000	\$0	\$0	\$4,777,500	\$12,610,000	\$17,387,500	\$17,387,500	1
Capital Cost	\$710,000	\$0	\$0	\$529,200	\$0	\$529,200	\$529,200	ı
Complete Streets ⁵	\$46,433,783		\$27,292,804	\$14,528,710	\$8,400,509	\$50,222,023	\$50,222,023	1
Non-Motorized Projects ⁵	\$389,607,687	\$6,982,844	\$142,400,658	\$167,829,860	\$312,775,634	\$629,988,996	\$623,006,152	-
Sidewalks	\$10,289,028	\$2,443,147	\$1,927,773	\$3,033,445	\$12,965,488	\$20,369,853	\$17,926,706	-
Bicycle Corridors	\$50,948,813	\$1,484,697	\$18,925,957	\$22,748,337	\$38,878,286	\$82,037,277	\$80,552,580	-
Multi-Purpose Trails and Greenways	\$328,369,846	\$3,055,000	\$121,546,928	\$142,048,078	\$260,931,860	\$527,581,866	\$524,526,866	-
Aviation ⁶	\$17,620,000	\$0	\$3,962,500	\$0	\$0	\$3,962,500	\$3,962,500	-
Other Transportation Improvement Plan (TIP) Projects	-	\$67,375,663	-	-	-	-	-	-
Capacity Projects (non SIS)	-	\$12,312	-	-	-	-	-	-
Non-Capacity Projects	-	\$65,159,756	-	-	-	-	-	-
Planning (PL Funds)	-	\$2,203,595	-	-	-	-	-	-
Total Cost	\$1,038,052,891	\$130,551,378	\$344,028,492	\$507,131,143	\$946,635,470	\$1,860,970,820	\$1,797,795,105	
Strategic Intermodal System (SIS)	\$0	\$9,110,000	\$41,422,087	\$174,494,000	\$13,337,000	\$238,363,087	\$229,253,087	\$2,056,145,000
Transit Operating Cost*	\$152,490,775	\$0	\$36,761,913	\$44,832,288	\$118,332,841	\$199,927,043	\$199,927,043	-
Water Based Transportation (Operating Cost)*	\$9,750,000	\$0	\$0	\$4,777,500	\$12,610,000	\$17,387,500	\$17,387,500	-
Capital Project Cost (all modes)	\$875,812,116	\$121,441,378	\$265,844,492	\$283,027,355	\$802,355,629	\$1,405,293,191	\$1,351,227,476	-
Notes	•							

^{*} Operating cost includes total cost for the entire 5-year or 10-year period in Year of Expenditure (YOE) dollars, while Present Day Cost (PDC) reflects 25-year total operating cost for transit and 20-year total operation cost for water based transportation.

¹ Time band includes funds "as programmed" in the FY 2021-2025 Transportation Improvement Program (TIP). Includes funds for transit, aviation, and Districtwide maintenance projects.

² Project costs include SIS 2045 Multimodal Unfunded Needs Plan (MMUNP), Florida Department of Transportation (FDOT), June 2017.

³ All freight project costs are included in the Strategic Intermodal System (SIS) category except \$157,683 Consolidated Rail Infrastructure and Safety Improvements (CRISI) Program grant in the 5-year increment, 2021-2025.

⁴ Project specific cost for specific Transportation System Management & Operations (TSM&O) improvements have not be developed at this stage.

⁵ Complete streets and non-motorized project cost are distributed over the planning period (Year 2026-2035) to maintain internal consistency in YOE dollars .

Transit Projects

Martin in Motion, 2045 LRTP

iviai tiii ii	n Motion,2045 LRTP				_					
Map ID	Project Description	Location/Geography	Source	Category or Type	Total Cost ²	Comments		Total Cost	(YOE**)	
					(PDC)		2021-2025	2026-2030	2031-2035	2036-2045
Service I	mprovements Continue to maintain and operate existing fixed route but	4		Annual Operating	Τ		1.08	1.25	1.47	1.94
n/a	service ¹	Systemwide	TDP 2020-2029	Annual Operating Cost	\$2,032,923	Cost affordable plan.		\$12,705,769	\$14,941,984	\$39,438,706
n/a	Continue to maintain existing paratransit service	Systemwide	TDP 2020-2029	Annual Operating Cost	\$418,458	Cost affordable plan.		\$2,615,363	\$3,075,666	\$8,118,08
T-1	Extend Route 2	Add a stop at Halpatiokee Park during peak commute hours, transfer opportunities to Routes 1 and 3. Closed door service during non-peak hours.	TDP 2020-2029	Service Modification - Restructure Route.		Unfunded transit needs. Complementary ADA service is not required since the proposed modification is a commuter service.				
T-2	Split Route 3 into Routes 3a and 3b	Same service coverage area but provides new service along Monterey Road between Willoughby Boulevard and US-1/Federal Highway. Maintain existing headways and transfer opportunities to Route 1 and to each other.	TDP 2020-2029	Service Modification - Restructure Route.		Unfunded transit needs.				
T-3	Extend Route 20X	Extend service to Halpatiokee Park to the north and to Mangonia Tri-Rail Station in Palm Bach County to the south during peak commute hours only.	TDP 2020-2029	Service Modification - Restructure Route.		Unfunded transit needs. Complementary ADA service is not required since the proposed modification is a commuter service.				
T-4	Add later service for Routes 1, 2 and 3	Increase span of service by approximately 2 hours from 8:00 pm to 10:00pm. Current span of service is approximately 6:00 am to 8:00 pm, weekday service only.	TDP 2020-2029	Service Modification - Increase Span of Service	\$1,600,918	improvement through TDP's public outreach process. Complementary ADA service needs to be provided.		\$8,644,957	\$11,766,747	\$31,057,809
T-5	Add Saturday service for Routes 1, 2 and 3	Provide Saturday service from 6:00 am to 8:00 pm on Routes 1, 2 and 3.	TDP 2020-2029	Service Modification - Add Saturday Service.		Unfunded transit needs. Identified as a high priority improvement through TDP's public outreach process. Complementary ADA service needs to be provided.	_			
T-6	Double frequencies for Routes 2 and 3	Reduce headway on Route 2 from 40 minutes (Indiantown loop) and 95 minutes (Closed door eastbound service to Stuart) to 20 minutes and 48 minutes respectively. Reduce headway on Route 3 from 40 to 20 minutes.	TDP 2020-2029	Service Modification - Reduce Headway.		Unfunded transit needs. Identified as a high priority improvement through TDP's public outreach process.				
T-7	New Jensen Beach Route	From Treasure Coast Square to Jensen Beach Park (serving Hoke Library, Jensen Beach Park, Hutchinson Island and Kiwanis Park-and-Ride).	TDP 2020-2029	2 /11/11-211/9		Unfunded transit needs. Complementary ADA service needs to be provided.				
T-8	New regional Turnpike commuter route to West Palm Beach Downtown Intermodal Transit Center	From US-1/Federal Highway and Kanner Highway to Intermodal Transit Center (serving FDOT Park-and-Ride at SW Martin Highway, West Palm Beach Virgin Trains USA/Brightline station, City Place and Palm Tran's Intermodal Transit Center). Peak hour service only with two morning and two evening trips.	TDP 2020-2029	New Service Expansion	\$544,167	Unfunded transit needs.		\$3,401,044	\$3,999,627	\$10,556,840
T-9	Palm City Mobility on Demand (MOD) Service	On demand service in Palm City.	TDP 2020-2029	New Service Expansion	, ,,,,,,,	Unfunded transit needs. Limitations exist to implement a dynamic real time MOD service using TripSpark, the County's existing route scheduling software.		, 2, 22 , 32	***************************************	* ,
T-10	Jensen Beach/Rio CRA MOD	On demand service within Jensen Beach and Rio CRA as well as connecting to Marty routes.	TDP 2020-2029	New Service Expansion		If fixed route service is not implemented. Unfunded transit needs. Limitations exist to implement a dynamic real time MOD service using TripSpark, the County's existing route scheduling software.				
n/a	New Service - Deviated Fixed Route	Complementary service to New Jensen Beach Route	TDP 2020-2029	New Service Expansion - ADA	\$224,069	Unfunded transit needs.		\$1,400,431	\$1,646,907	\$4,346,93
n/a	New Service - ADA	Within 3/4 mile of proposed new transit routes to meet ADA requirements.	TDP 2020-2029	New Service Expansion - ADA	\$858,184	Unfunded transit needs.		\$5,363,650	\$6,307,652	\$16,648,77
T-11	Downtown Stuart Tram: Maintain Existing Service Level	Micro transit service (two routes) within downtown Stuart with 10- to 15- minute headway	City of Stuart Tram Business Plan, 2019	Annual Operating Cost	\$185,456	6		\$1,159,100	\$1,363,102	\$3,597,84
T-12	Downtown Stuart Tram: Expand Service Level (Two Rou	Micro transit service (two routes) within downtown Stuart with less than 10- to 15- minute headway	City of Stuart Tram Business Plan, 2019	Service Modification - Reduce Headway.	\$235,456	Expanded service to begin in 2023		\$1,471,600	\$1,730,602	\$4,567,84
T-13	Downtown Stuart Tram: Expand Service Level (Three Ro	Micro transit service (three routes) within downtown Stuart with 10- to 15-minute headway	City of Stuart Tram Business Plan, 2019	New Service Expansion or Reduced Headway	\$235,456	Expanded service to begin in 2023		\$1,471,600	\$1,730,602	\$4,567,84
Capital/Ir	frastructure Improvements									
n/a	Fleet Replacement	Revenue vehicles to maintain existing service based on Marty's fleet replacement schedule	TDP 2020-2029	Revenue Vehicles		Cost affordable plan. Capital needs over a 10-year period.	\$2,594,765	\$3,003,200	\$3,531,763	\$9,321,93
n/a	Transit Security Equipment	n/a	TDP 2020-2029	Equipment		Cost affordable plan. Capital needs over a 10-year period.	\$55,604	\$64,356	\$75,683	\$199,762
n/a	Transit Technology	n/a New bus stops, safety/ADA improvements, benches, shelters, lighting, bicycle	TDP 2020-2029	Equipment Facility	\$84,356	Cost affordable plan. Cost affordable plan. Unfunded needs for this line item	\$91,104	\$105,445		
n/a	Other Transit/Bus Stop Infrastructure	storage	TDP 2020-2029	Improvements	\$306,136	includes \$167,970 over a 10-year period.	\$330,627	\$382,670	\$450,020	\$593,90
n/a	Buses for New or Expanded Transit Service	12 fixed route vehicles and 2 ADA vehicles	TDP 2020-2029	Revenue Vehicles - New Service	\$3,363,584	Unfunded transit needs.		\$4,204,480		\$6,525,35
n/a	Transit Operations & Maintenance Facility	A centralized full-service transit operations facility/customer service center.	TDP 2020-2029; Martin County Transit Operations Center Feasibility Study, 2018	New Facility	\$6,850,000	Unfunded transit needs.		\$8,562,500		\$13,289,000

Map ID	Project Description	Location/Geography	Source	Category or Type	Total Cost ²	Comments		Total Cost	(YOE**)	
					(PDC)		2021-2025	2026-2030	2031-2035	2036-2045
n/a	Intermodal Hub ³	Adjacent to future planned Virgin Trains USA/Brightline station	TDP 2020-2029	New Facility	-not available-	Unfunded transit needs.	-not available-	-not available-	-not available-	-not available-
n/a	Downtown Stuart Tram New Shelters	Two new shelters at \$21,000 per shelter	City of Stuart Tram Business Plan, 2019	New Facility	\$42,000	New shelters to be built in Year 2021, Year 2023 and 2025 and cost to be escalated based on 2% annual inflation	d	\$52,500		
n/a	Virgin Trains USA/Brightline Station	Intercity passenger rail station. Potential locations include East Coast Lumber, Kiwanis Park and Stypmann Boulevard.	City of Stuart Brightline Station Analysis, 2018	New Facility		Privately funded.	Private Sector Funded Project			
n/a	Connection to Palm Beach Tri-Rail Intermodal Center	New park-and-ride facility to provide connection to Plam Beach Tri-Rail Intermodal Center	Park-And-Ride Master Plan, FDOT - D4, Oct. 2018, pg. 10	New Facility	\$1,171,300	Assumes 50 spaces @ \$17,000/space as base construction cost. Total construction cost includes mobilization, MOT and desgin costs.		\$1,464,125		
Other										
n/a	n/a Transit Plans and Studies Transit Development Plan and other transit related studies		TDP 2020-2029	Study	\$388,068	For future TDPs and other transit planning studies	\$203,113	\$250,000		
Notes		\$0	\$36,761,913	\$44,832,288	\$118,332,841					
¹ Fixed bu	s route bus service includes commuter bus routes for a to	Tranist Captial Cos	\$3,275,213	\$18,089,276	\$4,057,466	\$29,929,951				

¹ Fixed bus route bus service includes commuter bus routes for a total of five existing Marty routes (1, 2, 3, 20X and 30X)

n/a - Not Applicable

² Includes annual operating cost for Year 2020 for various service improvements. Capital expense is in Present Day Cost (PDC).

³ Project cost not available at this stage. Project cost could vary significantly based on development program for the facility.

^{**} YOE - Year of Expenditure

Roadway Projects
Martin in Motion 2045 LRTP

Martin in Motion	on, 2045 LRTP																						
Map ID	Facility	From	То	Project Description	Existing Lanes	Future Length Lanes (miles)	Source	Category or Type	Base Construction Cost (PDC*)	Construction MOT (10%)	Mobilization (10%)	Sub Total	Scope Contingency/P roject Unknowns (10%)	ROW Cost	Total Construction Cost	PE Design (15%)	CEI (15%)	CEI (10%)	, ,			st (YOE**)	
Under Construc	tion/On-going									10%	10%		10%			15%	15%	10%		1.08	2026-2030 1.25	2031-2035 1.47	2036-2045 1.94
R-1	SR-714/Martin Highway ¹	CR-76A/Citrus Boulevard	Martin Downs Boulevard	Highway Capacity	2	4 1.13	Martin MPO Congestion Management Process (CMP) Update (Segment ID 11-12). Included in TIP FY 2020/21 - 2024/25; FM# 4368701			1070	.070		1070			1070	10%	1070	\$36,417,871	36,417,871	20		
New 2 Lane Road 4196693	Willoughby Boulevard ¹	SR-714/ Monterey Road	SR-5/US-1/Federal Highway	PD&E Study	-	- 0.84	Martin MPO 2040 LRTP, Dec. 2015	PD&E Study											\$5,085,000	5,085,000			
R-2	Willoughby Boulevard	SR-714/ Monterey Road	SR-5/US-1/Federal Highway	New 2 Lane Road	0	2 0.84	Martin MPO 2040 LRTP, Dec. 2015	Urban-Roadway New Construction: 2-Lane Undivided Roadway with 6' Sidewalk, 4' Bike	\$7,156,982	\$6,011,865	\$601,186	\$6,613,051	\$661,305		\$7,274,356	\$1,091,153		\$727,436	\$9,092,945			13,366,629	1
New 4 Lane Road	d .							Lane and Curb & Gutter															
R-3 Widen from 2 to	Village Parkway Extension	SR-714/Martin Highway	St. Lucie County Line	New 4 Lane Road	0	4 3.00	Martin MPO 2040 LRTP, Dec. 2015; Comprehensive Plan (Developer Funded)	Rural - Roadway New Construction: 4-Lane Roadway with 5' Bike Lane, with 5' Sidewalks	\$8,433,387	\$25,300,161	\$2,530,016	\$27,830,177			\$27,830,177	\$4,174,527		\$2,783,018	\$34,787,722				67,488,180
4417001	Cove Road ¹	SR-76/Kanner Highway	SR-5/US-1/Federal Highway	PD&E Study	2	4 4.32	FDOT Work Program FY 2019/20 FY 2023/24	PD&E Study											\$3,075,000	3,075,000			
R-4	Cove Road	SR-76/Kanner Highway	Willoughby Boulevard	Widen from 2L to 4L	2	4 2.13	Martin MPO 2040 LRTP, Dec. 2015	Urban - Roadway Widening: 2-Lane Roadway to 4 Lanes (45mph Design Speed) with 5' Sidewalk, 5' Bike Lane, and Curb & Gutter	\$6,767,300	\$14,414,349 \$1,441,43.	5 \$1,441,435	5 \$17,297,219		\$1,845,432	\$19,142,651	\$2,871,398		\$1,914,265	\$23,928,313			\$35,174,620	
R-5	Cove Road	Willoughby Boulevard	SR-5/US-1/Federal Highway	Widen from 2L to 4L	2	4 1.07	Martin MPO 2040 LRTP, Dec. 2015	Urban - Roadway Widening: 2-Lane Roadway to 4 Lanes (45mph Design Speed) with 5' Sidewalk, 5' Bike Lane, and Curb & Gutter	\$6,767,300	\$7,241,011 \$724,10	1 \$724,101	\$8,689,213		\$927,048	\$9,616,261	\$1,442,439		\$961,626	\$12,020,326		\$15,025,408		
R-6	Cove Road		CR-A1A	Widen from 2L to 4L	2	4 1.12	Martin MPO 2040 LRTP, Dec. 2015	Urban - Roadway Widening: 2-Lane Roadway to 4 Lanes (45mph Design Speed) with 5' Sidewalk, 5' Bike Lane, and Curb & Gutter	\$6,767,300	\$7,579,376 \$757,93	8 \$757,938	\$9,095,251		\$971,391	\$10,066,642	\$1,509,996		\$1,006,664	\$12,583,302		\$15,729,128		
4416991	CR-713/High Meadow Avenue ¹	I-95	CR-714/Martin Highway	PD&E Study	-	- 2.64	FDOT Work Program FY 2019/20 FY 2023/24	PD&E Study											\$2,505,000	\$2,505,000			
R-7	CR-713/High Meadow Avenue	I-95	CR-714/Martin Highway	Widen from 2L to 4L	2	4 2.64	Martin MPO 2040 LRTP, Dec. 2015	Urban - Roadway Widening: 2-Lane Roadway to 4 Lanes (45mph Design Speed) with 5' Sidewalk, 5' Bike Lane, and Curb & Gutter	\$6,767,300	\$17,865,672 \$1,786,56	7 \$1,786,567	7 \$21,438,806	\$2,143,881	\$2,289,895	\$25,872,582	\$3,880,887		\$2,587,258	\$32,340,727			\$47,540,869	
R-9	S Ocean Dr	North County Line	NE Causeway Blvd	Widen from 2L to 4L	2	4 1.40	Needs Assessment, TCRPM 5.0	Urban - Roadway Widening: Add 2- Lanes to Existing 2 Lane Undivided Roadway (40mph Design Speed) with 5' Sidewalk, 4' Bike Lane, and Curb & Gutter	\$4,920,784	\$6,889,097 \$688,910	\$688,910	\$8,266,917	\$826,692		\$9,093,608	\$1,364,041		\$909,361	\$11,367,011				\$22,052,001
R-10	SE Bridge Rd	Powerline Ave	US-1/Federal Highway	Widen from 2L to 4L	2	4 2.00	Needs Assessment, TCRPM 5.0	Urban - Roadway Widening: Add 2- Lanes to Existing 2 Lane Undivided Roadway (35mph Design Speed) with 5' Sidewalk, 4' Bike Lane, and Curb & Gutter	\$4,920,784	\$9,841,568 \$984,157	\$984,157	7 \$11,809,881	\$1,180,988		\$12,990,869	\$1,948,630		\$1,299,087	\$16,238,587				\$31,502,858
R-11	SE Green River Pkwy ²	NW Wright Blvd	NW Dixie Hwy	Widen from 2L to 4L	2	4 0.37	Needs Assessment, TCRPM 5.0	Urban - Roadway Widening: Add 2- Lanes to Existing 2 Lane Undivided Roadway (35mph Design Speed) with 5' Sidewalk, 4' Bike Lane, and Curb & Gutter	\$4,920,784	\$1,820,690 \$182,069	\$182,069	\$2,184,828	\$218,483	\$961,324	\$3,364,635	\$504,695		\$336,463	\$4,205,794				\$8,159,239
R-14	SW Murphy Rd ²	Whisper Bay Terrace	North County Line	Widen from 2L to 4L	2	4 0.35	Needs Assessment, TCRPM 5.0	Urban - Roadway Widening: Add 2- Lanes to Existing 2 Lane Undivided Roadway (35mph Design Speed) with 5' Sidewalk, 4' Bike Lane, and Curb & Gutter	\$4,920,784	\$1,722,274 \$172,227	\$172,227	7 \$2,066,729	\$206,673	\$909,361	\$3,182,763	\$477,414		\$318,276	\$3,978,454				\$7,718,201
Widen from 4 to	Federal Highway/US 1	SE Seabranch Blvd	SE Osprey St	Widen from 4L to 6L	4	1.72	Needs Assessment, TCRPM 5.0	Urban - Roadway Widening: Add 2- Lanes to Existing 4 Lane Divided Roadway (55mph Design Speed) with 5' Sidewalk, 4' Bike Lane	\$5,063,222	\$8,708,742 \$870,874	4 \$870,874	\$10,450,490	\$1,045,049		\$11,495,539	\$1,724,331	\$1,724,331		\$13,219,870		\$16,524,838		
R-12	Martin Highway ³	SW Mapp Rd	Kanner Hwy	Widen from 4L to 6L	4	6 1.42	Needs Assessment, TCRPM 5.0	Urban - Roadway Widening: Add 2- Lanes to Existing 4 Lane Divided Roadway (45mph Design Speed) with 5' Sidewalk, 4' Bike Lane; Bridge Restriping		\$65,408,752 \$6,540,875	5 \$6,540,875	5 \$78,490,502	\$7,849,050		\$86,339,552	\$12,950,933	\$12,950,933		\$99,290,485				\$192,623,541
R-13	SW Martin Downs Blvd ⁴	SW Matheson Ave	SW Palm City Rd	Widen from 4L to 6L	4	6 1.33	Needs Assessment, TCRPM 5.0	Urban - Roadway Widening: Add 2- Lanes to Existing 4 Lane Divided Roadway (35mph Design Speed) with 5' Sidewalk, 4' Bike Lane; Bridge Replacement		\$37,562,926 \$3,756,29	3 \$3,756,293	3 \$45,075,511	\$4,507,551		\$49,583,062	\$7,437,459	\$7,437,459		\$57,020,521				\$110,619,812
Safety Projects																							
R-15	SR-5/US-1 ⁵	at SW Joan Jefferson Way		Intersection Modification	-		Included in TIP FY 2020/21 - 2024/25; FM# 4383452. SR-5/US 1 at Joan Jefferson Way Planning Study, 2019, FDOT, District Four.			\$2,229,644		\$2,229,644	\$445,929	\$856,139	\$3,531,712	\$353,171		\$353,171	\$4,238,054		\$5,297,568		
R-16	CR-714/Martin Highway ⁶	Approximately 1200 feet east of SR-710	SE126th Blvd. (Okeechobee County)	Roadway Realignment	-	- -	SR-710 PD&E Study from US 441 to SW Martin Highway in Okeechobee and Martin Counties, 2010, FDOT District One	Safaty		\$2,855,250		\$2,855,250		\$494,235	\$3,349,485	\$334,949	\$502,423		\$3,684,434		\$4,605,542		
Notes				<u> </u>				· · · · · · · · · · · · · · · · · · ·								Т	Total Highway/	Roadway Cost	\$385,079,416	47,082,871	57,182,483	96,082,119	440,163,831

^{*} PDC - Present Day Cost

^{**} YOE - Year of Expenditure

Base construction cost is unit cost derived from Martin MPO's 2040 LRTP and Florida Department of Transportation's cost per mile models (long range estimate). Project costs have been adjusted to PDC (in 2020 dollars) using inflation factors included in 2040 Revenue Forecasting Handbook.

1 Project cost *as programmed*, FDO's Five-Year Tentative Work Program 2020-2025.

³ Project cost includes new bridge (Concrete Deck/ Pre-stressed Girder - Simple Span) at approximately \$62 million (PDC). Unit cost for bridge demolition and construction is based on FDOT's Structures Design Guideline, Structures Manual Volume 1 (Chapter 9), January 2020.

⁴ Project cost includes new bridge (Concrete Deck/ Pre-stressed Girder - Simple Span) at approximately \$32.5 million (PDC). Unit cost for bridge demolition and construction is based on FDOT's Structures Design Guideline, Structures Manual Volume 1 (Chapter 9), January 2020.

⁶ Project cost based on SR-5/US-1 at SW Joan Jefferson Way Planning Study, 2019, FDOT District Four and adjusted for inflation. Percentages for contingency, design and CEI are consistent with the Planning Study.

⁶ Project cost based on SR-710 PD&E Study from US 441 to SW Martin Highway in Okeechobee and Martin Counties. Percentages for contingency, design and CEI are consistent with the PD&E Study.

Strategic Intermodal System (SIS) Projects Martin in Motion, 2045 LRTP

Map ID	Facility	From	То	Project Description	Source	Category or Type		Design		Right	of Way / Constr	uction	Total Project Cost (YOE**)		To	otal Cost (YOE*	*)	
							PDE	PE	Total	ROW	CON	Total		2021-2025	2026-2030	2031-2035	2036-2040	2041-2045
4132532	I-95*	Martin/Palm Beach County Line	CR-708/Bridge Road	Project Dev. & Env.	SIS CFP 2020-2024	PDE	\$2,200,000		\$2,200,000			\$0	\$2,200,000	\$2,200,000				
4132542	I-95*	CR-708/Bridge Road	High Meadow Avenue	Project Dev. & Env.	SIS CFP 2020-2024	PDE	\$2,150,000		\$2,150,000			\$0	\$2,150,000	\$2,150,000				
4226815	I-95*	High Meadow Avenue	Martin/St. Lucie County Line	Project Dev. & Env.	SIS CFP 2020-2024	PDE	\$2,750,000		\$2,750,000			\$0	\$2,750,000	\$2,750,000				
4192522	SR-710/Warfield Blvd.*	Martin FPL Power Plant	CR-609/SW Allapattah Road	Add 2 to Build 4 Lane Divided Roadway	SIS CFP 2020-2024	PE, ROW & CON			\$409,000		\$41,422,087	\$41,422,087	\$41,831,087		\$41,422,087			
3403	I-95*	Martin/Palm Beach County Line	Becker Road	Highway Capacity	SIS CFP 2029-2045	PE, ROW & CON		\$10,000,000	\$10,000,000	\$10,000,000	\$154,494,000	\$164,494,000	\$174,494,000			\$174,494,000		
3405	SR-710*	Martin/Okeechobee County Line	Martin Powerplant Road	Add 2 to Build 4 Lanes	SIS CFP 2029-2045	PE, ROW & CON		\$6,000,000	\$6,000,000	\$5,125,000	\$120,719,000	\$125,844,000	\$131,844,000				\$11,125,000	\$120,719,000
3417	SR-714/Monterey Road*	at Florida East Coast Railway		Grade Separation	SIS CFP 2029-2045	PDE, PE, ROW & CON; safety project	\$2,010,000	\$2,212,000	\$4,222,000	\$14,969,000			\$65,788,000				. , ,	\$61,566,000
											Total SI	S Project Cost	\$421,057,087	\$9,110,000	\$41,422,087	\$174,494,000	\$13,337,000	\$182,285,000

* Projects included in the Florida Mobility and Trade Plan (FMTP), April 2020

** YOE - Year of Expenditure

Project included in Transportation Improvement Program (TIP), Project cost based on Adopted Work Program FY 2019/2020 through FY 2023/2024 (as of July 1, 2019 SIS 2029-2045 CFP adopted in July 2018

SIS 2045 MULTI MODAL UNFUNDED NEEDS

Map ID	Facility	From	То	Project Description	Source	Category or Type	Project Cost
379	Turnpike Mainline/SR 91	SR-710 (MP 107)	Kissimmee-St. Could South (MP 242)	Add 2 Lanes to Build 6 Lanes	SIS 2045 Multimodal Unfunded Needs Plan, Turnpike	Highway Improvements (Long Term)	\$290,295,000
693	Turnpike Mainline/SR 91	Jupiter/Indiantown Road	SR-714/Stuart	Managed Lanes	SIS 2045 Multimodal Unfunded Needs Plan, Turnpike	Highway Improvements (Short Term)	\$455,700,000
2798	SR-710*	Martin Powerplant Road	SR 76 Connector Ramps	Bypass (New Facility)	SIS 2045 Multimodal Unfunded Needs Plan	Highway Improvements (Long Term)	\$33,263,000
2817	I-95*	High Meadow Avenue	Becker Road	Modify Interchange	SIS 2045 Multimodal Unfunded Needs Plan	Highway Improvements (Long Term)	\$113,547,000
2247	Amtrak Service	Miami	Jacksonville	Passenger Service	SIS 2045 Multimodal Unfunded Needs Plan, Statewide Rail Improvements	Transit Improvements (Short Term)	\$45,000,000
2259	SR-710 Exclusive Guideway	Indiantown	Mangonia Park Tri-Rail Station	Passenger Service	SIS 2045 Multimodal Unfunded Needs Plan	Transit Improvements (Mid Term)	\$386,460,000
2261	US 1 Exclusive Guideway	West Palm Beach Transit	Ft. Pierce	Passenger Service (Potential SIS Facility)	SIS 2045 Multimodal Unfunded Needs Plan	Transit Improvements (Mid Term)	\$720,480,000
2701	SR-710 Exclusive Guideway Transit Hub	at Indiantown		Passenger Terminal (Potential SIS Facility)	SIS 2045 Multimodal Unfunded Needs Plan	Transit Improvements (Mid Term)	\$11,400,000
						Total SIS Project Cost	\$2,056,145,000

SIS 2045 MMUNP adopted in June 2017, FDOT

Notes
* Projects included in the Florida Mobility and Trade Plan (FMTP), April 2020, FDOT

Freight Projects

Martin in Motion, 2045 LRTP

		_			Source			Total Project Cost		-	Total Cost (YOE'	**)	
Map ID	Facility	From	То	Project Description		Category or Type	Comments	(YOE**)	2021-2025	2026-2030	2031-2035	2036-2040	2041-2045
4192522	SR-710/Warfield Blvd.*	Martin FPL Power Plant	CR-609/SW Allapattah Road	Add 2 to Build 4 Lane Divided Roadwa	2025-2029	PE, ROW & CON		\$41,831,087		\$41,422,087			
4226815	I-95*	High Meadows Avenue	Martin/St. Lucie County Line	Project Dev. & Env.	SIS CFP 2020-2024; Freight Mobility and Trade Plan (FMTP), April 2020; SIS CFP 2025-2029	PDE		\$2,750,000	\$2,750,000				
3403	I-95*	Martin/Palm Beach County L	Becker Road	Highway Capacity	Freight Mobility and Trade Plan (FMTP), April 2020; SIS CFP 2029- 2045	PE, ROW & CON		\$174,494,000			\$174,494,000		
3405	SR-710*	Martin/Okeechobee County Line	Martin Powerplant Road	Add 2 to Build 4 Lanes	Freight Mobility and Trade Plan (FMTP), April 2020; SIS CFP 2029- 2045	PE, ROW & CON		\$131,844,000				\$11,125,000	\$120,719,000
3417	SR-714/Monterey Road*	at Florida East Coast Railway	y	Grade Separation	Freight Mobility and Trade Plan (FMTP), April 2020; SIS CFP 2029- 2045	PDE, PE, ROW & CON		\$65,788,000	\$2,010,000			\$2,212,000	\$61,566,000
F-1	I-95***	S of Bridge Road	S of High Meadow Avenue	Widen 6 to 8 Lanes	2040 Regional LRTP	Highway Improvements							
	Strategies for Reducing	Florida East Coast (FEC)		Enhanced Safety Improvements per Brightline/ Virgin USA Trains and Martin County Agreement	Freight Mobility and Trade	Safety		-					
n/a		Railway Corridor		Dynamic Envelop project (Additional Striping) at all Railroad Crossings on State Roads in Martin County	Plan (FMTP), April 2020	Safety	CRISI Grant	\$157,683	\$157,683				
Notes	-		-	•			Total Freight Projects Cost	\$416,864,770	\$4,917,683	\$41,422,087	\$174,494,000	\$13,337,000	\$182,285,000

^{*} Projects included in the Florida Mobility and Trade Plan (FMTP), April 2020

Project included in Transportation Improvement Program (TIP)

UNFUNDED FREIGHT NEEDS

Map ID	Facility	From	То	Project Description	Source	Category or Type	Comments	Project Cost
2798	SR-710*	Martin Powerplant Road	SR 76 Connector Ramps	Bypass (New Facility)	Freight Mobility and Trade Plan (FMTP), April 2020; SIS 2045 Multimodal Unfunded Needs Plan	Highway Improvements (Long Term)		\$33,263,000
2817	I-95*	High Meadow Avenue	Becker Road	Modify Interchange	Freight Mobility and Trade Plan (FMTP), April 2020; SIS 2045 Multimodal Unfunded Needs Plan	Highway		\$113,547,000
F-2	US-1/Federal Highway ¹	Cove Road	St. Lucie County Line	Corridor Retrofit	2040 Regional LRTP		Dicussions for study with St. Lucie TPO and Indian River County MPO in progress. Strategies improvements - TSM&O and emerginng technologies being considered.	-Not Available-
n/a	Connected Freight Priority System Deployment			To Be Determined (Automated/Connected Vehicle)	Freight Mobility and Trade Plan (FMTP), April 2020	ITS	At this time, this project is very preliminary and does not include any facilities in Martin County Project included in prioritized project list.	-
Notes							Total Freight Projects Cost	\$146,810,000

Projects from Martin MPO's Good and Freight Movement Study to be added in Spring 2020.

^{**} YOE - Year of Expenditure

^{***}Project segment is included in FM#s $\,4132542$ and $\,3403$, SIS Cost Feasible Plan, July $\,2019$.

^{*} Projects included in the Florida Mobility and Trade Plan (FMTP), April 2020

¹ Project cost are not available at this time. This project is a subset of *US 1 Exclusive Guideway* (SIS 2045 Multimodal Unfunded Needs Plan) which focuses on passenger service.

Transportation System Management & Operations (TSM&O) Projects Martin in Motion, 2045 LRTP

war arr ir	I MOUOH, 2043 LKTP						
Map ID	Facility	From	То	Length (miles)	Project Description	Source	Comments
Е	Kanner Highway	SW 96th Street	SE Salerno Road	3.08	To Be Determined	TSM&O Master Plan, FDOT - D4, March 2019, pg. 40	Includes CMP Update (Segment ID 7, 8, 9 and 10)
F	SR-714/SE Monterey Road	Federal Highway	SE Ocean Boulevard	1.85	To Be Determined	TSM&O Master Plan, FDOT - D4, March 2019, pg. 40	Includes CMP Update (Segment ID 15 and 16)
za	SE Salerno Road	SE Ault Road	Federal Highway	1.50	To Be Determined	TSM&O Master Plan, FDOT - D4, March 2019, pg. 41	TCRRPM 5.0, v/c ratio of 1.07
zb	SW Mapp Road	SW 36th Street	SW Martin Downs Boulevard	0.57	To Be Determined	TSM&O Master Plan, FDOT - D4, March 2019, pg. 41	
ZC	SE Dixie Highway	SE Salerno Road	SE Jefferson Street	1.60	To Be Determined	TSM&O Master Plan, FDOT - D4, March 2019, pg. 41	
zd	SW Martin Highway	SW High Meadow Avenue	SW Armellini Avenue	0.37	To Be Determined	TSM&O Master Plan, FDOT - D4, March 2019, pg. 41	
ze	SE Indian Street	Federal Highway	SE Dixie Highway	0.36	To Be Determined	TSM&O Master Plan, FDOT - D4, March 2019, pg. 41	County Rank 18 and 20
zf	SW Martin Highway	SW Berry Avenue	SW Mapp Roaad	1.22	To Be Determined	TSM&O Master Plan, FDOT - D4, March 2019, pg. 41	
zg	SE Cove Road	Kanner Highway	SE Dixie Highway	4.34	To Be Determined	TSM&O Master Plan, FDOT - D4, March 2019, pg. 41	TCRRPM 5.0, v/c ratio of 1.05
zi	SW Murphy Road	SW High Meadow Avenue	County Line	1.57	To Be Determined	TSM&O Master Plan, FDOT - D4, March 2019, pg. 41	Corresponds to CMP Update (Segment ID 33 and 34)
n/a	SR-714/Martin Highway	at I-95	-	-	Advanced Digital Message Sign (ADMS) in Eastbound and WestboundDirection	I-95 Multimodal Treasure Coast Master Plan	
n/a	Martin County Rest Area (Southbound)	at I-95	-	-	Dynamic Truck Parking, Touch-Screen Informational Kiosk	I-95 Multimodal Treasure Coast Master Plan	
n/a	Martin County Rest Area (Northbound)	at I-95	-	-	Dynamic Truck Parking, Touch-Screen Informational Kiosk	I-95 Multimodal Treasure Coast Master Plan	
n/a	High Meadow Avenue	at I-95	-	-	Advanced Digital Message Sign (ADMS) in Southbound Direction	I-95 Multimodal Treasure Coast Master Plan	
n/a	SR-76/Kannery Highway	at I-95	-	-	Advanced Digital Message Sign (ADMS) in Eastbound and WestboundDirection, CCTV under Bridge, Signal Priority, ADMS at Proposed Park-and-Ride	I-95 Multimodal Treasure Coast Master Plan	Corresponds to CMP Update (Segment ID 7, 8, 9 and 10)
n/a	Bridge Road	at I-95	-	-	Advanced Digital Message Sign (ADMS) in Eastbound and WestboundDirection	I-95 Multimodal Treasure Coast Master Plan	
C-1	High Meadow Avenue	SR-714/Martin Highway	Golden Bear Way	1.05	Install Fiber Optic	Martin County Public Works Dept.	
C-2	Martin Downs Boulevard/Monterey Road	Turnpike Enterance	US-1/Federal Highway	4.85	Adaptive Corridor	Martin County Public Works Dept.	\$3500 per signalized intersections
C-3	US-1/Federal Highway	Summerfield Way	SE Westmoreland Blvd.	10.35	Adaptive Corridor	Martin County Public Works Dept.; CMP Update 2020 (Segment IDs 21 to 31); TSM&O Master Plan (Map IDs A, B and C), FDOT	\$3500 per signalized intersections, Overlaps with Project 'A'
n/a	Signalized Intersections	Countywide (Approximately 120 i	ntersections)		Install Bluetoad Devices	Martin County Public Works Dept.	\$6000 per intersection
C-4	SR-710/Warfield Blvd.	Jackson Avenue	Dr. Martin Luther King Jr. Drive	1.55	Install Fiber Optic	Martin County Public Works Dept.	<u>.</u>
M-1	Colorado Avenue (SW Kanner Highway)	SE Lonita St	Ocean Boulevard	0.62	To Be Determined	CMP Update, 2020; Martin MPO & FDOT Congestion Analysis	CMP Update (Segment ID 35 and 36)
M-2	CR-732 (Jensen Beach Cswy.)	Indian River Drive	SR-A1A	1.90	To Be Determined	CMP Update, 2020; Martin MPO	CMP Update (Segment ID 51 and 52)
M-3	Dixie Highway	US-1/Federal Highway	SW Ocean Blvd	0.42	To Be Determined	CMP Update, 2020; Martin MPO & FDOT Congestion Analysis	CMP Update (Segment ID 45 and 46), TCRPM 5.0, v/c = 1.14
M-4	Dixie Highway	Dixie Cutoff Rd	Monterey Rd	0.85	To Be Determined	FDOT Congestion Analysis	County Rank 12 (Southbound)
M-5	Dixie Highway	SE Anchor Avenue	St.Lucie Blvd	0.74	To Be Determined	CMP Update, 2020; Martin MPO	CMP Update (Segment ID 37 and 38), TCRPM 5.0, v/c = 1.05

Map ID	Facility	From	То	Length (miles)	Project Description	Source	Comments
M-6	Jensen Beach Blvd	US-1/Federal Highway	Indian River Drive	2.92	To Be Determined	CMP Update, 2020; Martin MPO	Corresponds to CMP Update (Segment ID 3, 4, 5 and 6)
M-8	NE Indian River Drive	NE Dixie Hwy	CR-732 (Jensen Beach Cswy.)	1.35	To Be Determined	CMP Update, 2020; Martin MPO	Corresponds to CMP Update (Segment ID 47, 48, 49 and 50)
M-9	NE Ocean Blvd	S Sewalls Point Rd	NE MacArthur Blvd	4.77	To Be Determined	TCRPM, v/c = 1.14	
M-10	SE Green River Pkwy	NW Wright Blvd	NW Dixie Hwy	7 0.40 To Be Determined		TCRPM, v/c = 1.16	
M-11	SE Monterey Road (Ext)	US-1/Federal Highway	SE Dixie Hwy	0.58	To Be Determined	CMP Update, 2020; Martin MPO & FDOT Congestion Analysis	CMP Update (Segment ID 17 and 18), County Rank 19
M-12	SR-A1A	CR-732 (Jensen Beach Cswy.)	North County Line	0.80	To Be Determined	CMP Update, 2020; Martin MPO	CMP Update (Segment ID 53 and 54)
M-13	SW 36th Street (Martin Highway)	SW Mapp Rd	Kanner Hwy	1.88	To Be Determined	CMP Update, 2020; Martin MPO	CMP Update (Segment ID 13 and 14)
M-14	SW High Meadow Ave	SW Sunset Tr	SW Town Center Way	0.20	To Be Determined	TCRPM, v/c = 1.01	
M-15	SW Joan Jefferson Way	US-1/Federal Highway	Dixie Hwy	0.10	To Be Determined	CMP Update, 2020; Martin MPO	CMP Update (Segment ID 41 and 42)
M-16	SW Ocean Blvd	US-1/Federal Highway	SR-A1A	1.28	To Be Determined	CMP Update, 2020; Martin MPO & FDOT Congestion Analysis	CMP Update (Segment ID 39 and 40)
M-17		I-95	US-1/Federal Highway	6.43	To Be Determined	CMP Update, 2020; Martin MPO	CMP Update (Segment ID 1 and 2), Project zh identified in the TSM&O Master Plan is a subset of this segment

Notes

Project "E" includes SR-76/Kannery Highway at I-95 interchange

Other Projects

Martin in Motion, 2045 LRTP

Map 10 Pacility Project Description Source Category or Type Construction Cost Construction Construction Cost Construction Construction Cost Cos								мот	Mobilization (10%)		Scope Contingency/		DE D						Total Cos	t (YOE**)	
Facility located in southwest corner of Kanner Highway/SR 76 at 1-95 Facility located in southwest corner of Kanner Highway/SR 76 at 1-95 Facility located in southwest corner of Kanner Highway/SR 76 at 1-95 Facility located in southwest corner of Kanner Highway/SR 76 at 1-95 Facility located in southwest corner of Kanner Highway SR 76 at 1-95 Facility located in southwest corner of Kanner Highway SR 76 at 1-95 Facility located in southwest corner of Kanner Highway SR 76 at 1-95 Facility located in southwest corner of Kanner Highway SR 76 at 1-95 Facility located in southwest corner of Kanner Highway SR 76 at 1-95 Facility located in southwest corner of Kanner Highway SR 76 at 1-95 Facility located in southwest corner of Kanner Highway SR 76 at 1-95 Facility located in southwest corner of Kanner Highway SR 76 at 1-95 Facility located in southwest corner of Kanner Highway SR 76 at 1-95 Facility located in southwest corner of Kanner Highway SR 76 at 1-95 Facility located in southwest corner of Kanner Highway SR 76 at 1-95 Facility located in southwest corner of Kanner Highway SR 76 at 1-95 Facility located in southwest corner of Kanner Highway SR 76 at 1-95 Facility located in southwest corner of Kanner Highway SR 76 at 1-95 Facility located in southwest corner of Kanner Highway SR 76 at 1-95 Facility located in southwest corner of Kanner Highway SR 76 at 1-95 Facility located in southwest corner of Kanner Highway SR 76 at 1-95 Facility located in southwest corner of Kanner Highway SR 76 at 1-95 Facility located in southwest corner of Kanner Highway SR 76 at 1-95 Facility located in south land maintenance of elevators, part located in south lightwey Sector Funding Project FEC National Research Highway SR 76 at 1-95 Facility located in south land maintenance of elevators, part located in south land maintena	Map ID	Facility	Project Description	Source	0 ,		Construction ¹	MOT (10%)			Project Unknowns		PE Design (15%)	CEI (15%)	CEI (10%)			2021-2025	2026-2030	2031-2035	2036-2045
P-1 Kanner Highway/SR 76 at 1-95 between Becker Road and Marit Highway Road Avenue Road and Marit Highway Road and Marit Highway Road Avenue Road and Marit Highway Road and Marit Highway Road Avenue Road and Marit Highway Road and Marit Highway Road Avenue Road Avenue Road and Marit Highway Road Avenue Road Avenue Road and Marit Highway Road Avenue Road Ave								10%	10%		10%		15%	15%	10%			1.08	1.25	1.47	1.94
Road and Martin Highway FDOT - D4, Oct. 2018, pg. 10 Management Seb., 0.00 Sept., 0.00 S	P-1	Kanner Highway/SR 76 at I-95	Highway/SR 76, approximately 46,000 sq. ft. 106 parking spaces including four ADA spaces and	FDOT - D4, Oct. 2018, pg. 10,		\$1,800,000	\$1,908,000			\$1,908,000		\$1,908,000	\$286,200	\$286,200		\$2,480,400	Cost in 2018 dollars and includes MOT and contingency		\$3,100,500		
PB-1 FEC Railroad and Dixie Highway near St. Lucie Avenue Non-motorized grade crossing (bridge) in EC Railroad Grade Separation Study, Martin MPO, August 2017 Safety PB-2 FEC Main-Line in the area of the Golden Gate Community RR-1 FEC - St. Lucie River Bridge Double tracking FEC railroad bridge over St. Lucie river, City of Stuart PB-1 FEC Railroad Grade Separation Study, Martin MPO, August 2017 Safety Safety \$4,700,000 \$507,600 \$507,600 \$507,600 \$507,600 \$609,120 \$6,700,320 \$1,005,048 \$1,005,048 \$1,005,048 \$1,005,048 \$8,710,416 \$8,710,416 \$1,005,048 \$1,005,04	n/a			,		\$850,000	\$901,000			\$901,000		\$901,000	\$135,150	\$135,150		. , ,	\$17 000/space		\$1,464,125		1
PB-1 FEC Railroad and Dixie Highway near St. Lucie Avenue Non-motorized grade crossing (bridge) in Downtown Stuart FEC Railroad Grade Separation Study, Martin MPO, August 2017 PB-2 FEC Main-Line in the area of the Golden Gate Community Non-motorized railroad grade crossing FEC Railroad Grade Separation Study, Martin MPO, August 2017 Safety \$4,700,000 \$5,076,000 \$507,600 \$	n/a					\$850,000	\$901,000			\$901,000		\$901,000	\$135,150	\$135,150	0	\$1,171,300	Assumes 50 spaces @ \$17,000/space		\$1,464,125		
Golden Gate Community RR-1 FEC - St. Lucie River Bridge Double tracking FEC railroad bridge over St. Lucie river, City of Stuart Study, Martin MPO, August 2017 Safety Study, Martin MPO, August 2017 Safety Study, Martin MPO, August 2017 Safety Safety Study, Martin MPO, August 2017 Safety Safety Study, Martin MPO, August 2017 Safety Safety Safety Study, Martin MPO, August 2017 Safety Safety Safety Study, Martin MPO, August 2017 Safety Safety Safety Safety Safety Safety Safety Safety Safety Safety Safety Sa	PB-1	,			Safety	\$4,700,000	\$5,076,000	\$507,600	\$507,600	\$6,091,200	\$609,120	\$6,700,320	\$1,005,048	\$1,005,048	3	\$8,710,416	and maintenance of elevators; Partially (50%) funded by		\$10,888,020		
RR-1 FEC - St. Lucie River Bridge Double tracking FEC railroad bridge over St. Lucie river, City of Stuart Strategic Initiative Rail Capacity Privately funded through Brightline/Virgin USA Trains Sector Funding Privately funded through Brightline/Virgin USA Trains Sector Funded Project	PB-2				Safety	\$3,700,000	\$3,996,000			\$3,996,000	\$399,600	\$4,395,600	\$659,340	\$659,340		\$5,714,280					\$11,085,703
Table Burgland Court 10 247 COC COURT 770 CO CO COC 770 CO COC 770 CO COC 770	RR-1	FEC - St. Lucie River Bridge		Strategic Initiative	Rail Capacity								С	(Private Sector Funding	Privately funded through Brightline/Virgin USA Trains			Sector Funded	Private Sector Funded Project
Notes Total Project Cost 19,247,696 \$0 \$16,916,770 \$0 \$11,0	Notes			·										Total F	Project Cost	19,247,696	i	\$0	\$16,916,770	\$0	\$11,085,703

* PDC - Present Day Cost

** YOE - Year of Expenditure

¹ Construction cost includes adjustments applied to base construction cost to account for inflation. Inflation factors derived from FDOT 2045 Revenue Forecasting Guidebook, July 2018.

Waterborne Transportation Projects

Martin in Motion, 2045 LRTP

						Catagory or	Total Cost		Total Cos	(YOE**)	
Map ID	Project Description	From	То	Location/Geography	Source	Category or Type	(PDC*)	2021-2025	2026-2030	2031-2035	2036-2045
								1.08	1.25	1.47	1.94
n/a	Water based Transportation Feasibility Study	Martin County	-	Countywide	Martin and St. Lucie Regional Waterways Plan, 2015; Chapter 3, pg. 3-49	Study (to be funded through Non Cpacity Program)	\$350,000		\$437,500		
				From Sandsprit Park or potentially Pirate's Cove	Martin and St. Lucie	Capital Cost	\$120,000			\$176,400	
W-1	Water taxi service to St. Lucie Inlet State Park	Sandsprit Park	St. Lucie Inlet Preserve	Marina or Fish Market or Restaurant(s) stop at Manatee Pocket	Plan, 2015; Chapter 3, pg. 3-23 to 3-34	Annual Operating Cost	\$275,000			\$2,021,250	\$5,335,000
		around key nodes such as Stuart/Palm City, Port		Harborage Marina, Harborage Marina to Sunset	IIVIartin and St. Lucie	Capital Cost	\$240,000			\$352,800	
W-2	special events and festivals only)	Salerno/Manatee Pocket, Stuart/Jensen/Rio	-	Bay Marina, Stuart Floating Dock to Stuart Harbor/Rio Town Center, Sandsprit Park to Pirate's Cove Marina/Fish Market Restaurants	Plan, 2015; Chapter 3, pg. 3-23 to 3-34	Annual Operating Cost	\$375,000			\$2,756,250	\$7,275,000
Notes					Operating Cost	(20-year total)	\$9,750,000	\$0	\$0	\$4,777,500	\$12,610,000
* PDC - Pr	resent Day Cost					Capital Cost	710,000	-	437,500	529,200	-

Assumptions for water taxi service project cost.

Water tax service to St. Lucie Inlet State Park (one route)

- 1. Two vessels (20 passengers capacity/vessel) @ \$60,000 per vessel
- 2. Annual operating cost estimates at \$275,000 (includes fuel, 2-person crew, admin staff and maintenance). Route operates 7 days a week for 12 hours daily for nine (9) months.
- 3. Capital cost for landside improvements is not included.

Water taxi service (seasonal or special event) (three routes)

- 1. Four vessels (20 passengers capacity/vessel) @ \$60,000 per vessel
- 2. Annual operating cost estimates at \$125,000 per (includes fuel, 2-person crew, admin staff and maintenance). Route operates 7 days a week for 12 hours daily for nine (4) months.
- 3. Capital cost for landside improvements is not included.

Source: Derived from Water Taxi Feasibility Study Report, Ulteig, 2016 (www.reapmatters.org)

^{*} PDC - Present Day Cost

^{**} YOE - Year of Expenditure

Complete Streets Projects Martin in Motion, 2045 LRTP

***********	wiotion,	2045 LRTP																					
Map ID	Segment ID ¹	Facility/Segment Name	From	То	General Location	Length (miles)	ROW Width (feet)	Project Description	Base Construction	Construction	MOT (10%)	Mobilization (10%)	Sub Total	Scope Contingency/ Project Unknowns	ROW Cost Total Construction Cost	PE Design (15%)	CEI (15%)	CEI (10%)	Total Project Cost (PDC*)		Total Cost (YOE**)		
									Cost					(10%)	Cost					2021-2025	2026-2030	2031-2035	2036-2045
								For 40 Files all the control of the control of the files			10%	10%		10%		15%	15%	10%		1.08	1.25	1.47	1.94
CS-2	211	NW DIXIE HWY (SR 707)	NW GREEN RIVER PKWY	CONFUSION CORNER	Stuart	1.98	100	Four 12.5' travel lanes with center turn lane replaced with four 10'-11' travel lanes with landscaped median. Addition of protected bike lanes in both directions. Addition of shade trees & street lights adjacent to bike lanes.	\$1,521,847	\$3,013,257	301,326	301,326	3,615,908	361,591	3,977,49	9 596,625	596,625	i	5,170,749		\$6,463,436	\$7,601,001	\$10,031,25
CS-4	226	SE PALM BEACH RD	SE OCEAN BLVD (SR A1A)	SE MONTEREY RD	Stuart	1.09	80	Addition of raised bike lanes in both diretions. Addition of shade trees. Conversion of 5' side walks on both sides to 10' multi-use path on east side & 6' sidewalk on west side. 2' furnishing zones adjacent to sidewalk/paths.	\$3,239,243	\$3,530,775	353,077	353,077	4,236,930	423,693	4,660,62	3 699,093	699,093	3	6,058,809		\$7,573,512	\$8,906,450	\$11,754,09
CS-5	270	SE CHRISTIE WAY	SE DIXIE HWY	SE PALM BEACH RD	Stuart	0.08	50	. Conversion of 6' side walks on north side to 8' multi-use path. Addition of shade trees and street lights adjacent to existing sidewalk on south side.	\$366,377	\$29,310	2,931	2,931	35,172	3,517	38,68	5,803	5,803	3	50,296		\$62,870	\$73,936	\$97,57
CS-6	214	SE COVE ROAD	SR 5 (US 1)	SE DIXIE HWY	Salerno	1.11	75	Addition of bike lanes in both directions. Addition of shared used path on northern side. Plant Cypress Trees in existing swale. Two 12' traffic lanes shift to south and become 11'. (FM #441701.1)	\$5,541,060	\$6,150,576	615,058	615,058	7,380,692	738,069	8,118,76	1 1,217,814	1,217,814	ı	10,554,389		\$13,192,986	\$15,514,952	\$20,475,51
CS-7	286	SE JACK AVENUE	PORT SALERNO ELEMENTARY	SE COVE RD	Salerno	0.76	70	New curb & gutters. Addition of shade trees & street lights adjacent to new 10' shared use path. Project assumes improvements same as SE Palm City Road (CS-19)	\$1,459,112	\$1,108,925	110,892	110,892	1,330,710	133,071	1,463,78	1 219,567	219,567		1,902,915		\$2,378,644	\$2,797,285	\$3,691,65
CS-8	242	SR 5 (US 1)	NW SUNSET BLVD	S END OF ROOSEVELT BRIDGE	Stuart	3.57	150	Addition of markings for existing bike lanes. Addition of sidewalks, shade trees & street lighting.	\$921,805	\$3,290,845	329,085	329,085	3,949,014	394,901	4,343,91	6 651,587	651,587	,	5,647,090		\$7,058,863	\$8,301,223	\$10,955,35
CS-9	341	SR 5 (US 1) ¹	SW JOAN JEFFERSON WAY	600 FEET SOUTH OF SE TRESSLER DR	Stuart	1.42	150	Resurfacing (FM # 446110.1)		\$6,000,000			\$6,000,000		\$6,000,00	0			\$6,000,000	\$6,000,000			
CS-10	137	SE INDIAN ST	SR 5 (US 1)	SE DIXIE HWY (SR A1A)	Stuart	0.36	100	Convert 5 lane urban roadway incuding center turn lane to 4	\$2,749,418	\$989,791	98,979	98,979	1,187,749	118,775	1,306,52	195,979	195,979		1,698,481		\$2,123,101	\$2,496,766	\$3,295,05
CS-11	268	S KANNER HWY (SR 76) ¹	SR 5 (US 1)	SW MANOR DR	Stuart	0.44	110	lane divided facility with separated bike lanes. (FM # 438071.1) Resurfacing (FM # 443995.1)		\$4,385,904			4,385,904		4,385,90	4			4,385,904	\$4,385,904			
CS-12	182	SE SALERNO RD	SR 5 (US 1)	SE DIXIE HWY (SR A1A)	Salerno	0.93	65	Addition of street lights & landscaping on south side. Conversion of 6' sidewalk with 2' landscape to 8' multi-use path on north side. (FM #440/24.1)	\$366,377	\$340,731	34,073	34,073	408,877	40,888	449,76		67,465	5	584,694	* 1,000,000	\$730,868	\$859,500	\$1,134,30
CS-13	311	SE SALERNO RD	SE DIXIE HWY (SR A1A)	SE DE SOTO AVE	Salerno	0.08	60	Project assumes continuation of improvements/cross section between SR 5 (US 1) and SE Dixie Hwy. (CS-12)	\$366,377	\$29,310	2,931	2,931	35,172	3,517	38,68	5,803	5,803	3	50,296		\$62,870	\$73,936	\$97,57
CS-14	267	SE CUTOFF RD	SR 5 (US 1)	SE DIXIE HWY (SR A1A)	Stuart	0.23	110	Shared use path on one side. Shade trees and lighting.	\$596,015	\$137,083	13,708	13,708	164,500	16,450	180,95	27,143	27,143		235,235		\$294,044	\$345,796	\$456,35
CS-15	212	SE DIXIE HWY	CONFUSION CORNER	SE PALM BEACH RD	Stuart	1.07	90	Addition of buffered bike lanes in both directions. Addition of shade trees & bioswales. Addition of sidewalk & street lights.	\$937,382	\$1,002,998	100,300	100,300	1,203,598	120,360	1,323,95	8 198,594	198,594	Į.	1,721,145		\$2,151,431	\$2,530,083	\$3,339,02
CS-16	322	SE DIXIE HWY (SR A1A)	SE SALERNO RD	SE COVE RD	Salerno	0.61	90	New markings along travel lanes and on-street parking lanes.	\$377,908	\$230,524	23,052	23,052	276,629	27,663	304,29	2 45,644	45,644		395,579		\$494,474	\$581,501	\$767,42
CS-17	325	SE DIXIE HWY (SR A1A)	PORT SALERNO CRA (NORTH BOUNDARY)	SE SALERNO RD	Salerno	0.39	90	New shade trees. Parklet options available. Project assumes continuation of improvements/cross section between SE Salerno Road and SE Cove Road. (CS-16)	\$377,908	\$147,384	14,738	14,738	176,861	17,686	194,54	7 29,182	29,182		252,911		\$316,139	\$371,779	\$490,64
CS-18	287	SE EBBTIDE AVE	SE SALERNO RD	SE COVE RD	Salerno	0.5	65	Addition of buffered bike lanes in both directions. Addition of shade trees & bioswales. Addition of sidewalk & street lights.	\$1,047,812	\$523,906	52,391	52,391	628,687	62,869	691,55	103,733	103,733	3	899,023		\$1,123,779	\$1,321,564	\$1,744,10
CS-19	130	SW PALM CITY RD	SR 5 (US 1)	400 FEET NORTH OF SW INDIAN GROVE DR	N Stuart	0.33	80	Two 12' travel lanes become two 11' travel lanes. New curb & gutters. Addition of shade trees & street lights adjacent to new 10' shared use path.	\$1,459,112	\$481,507	48,151	48,151	577,808	57,781	635,58	95,338	95,338	3	826,266		\$1,032,832	\$1,214,611	\$1,602,95
PDC - Pre	sent Day Co	ost	1		1	<u> </u>	1	ı	1							Total Com	nplete Streets	Projects Cost	46,433,783	\$10,385,904	\$45,059,849	\$52,990,382	\$69,932,88

^{**} YOE - Year of Expenditure

¹ Segment ID cross references projects identified in Martin MPO's *on-going* Access to Transit Study

Base construction cost are derived using FDOT's cost per mile models and based on existing and proposed typical section included in Martin MPO's Access to Transit Study (on-going).

¹ Project cost for CS-9 and CS-11 is "as programmed."

Non-Motorized Projects Martin in Motion, 2045 LRTP

Martin in Motion, 2045 LRTP																		
Facility	Мар	From	To	Project Description	Length	Sides	Base Construction	Construction	MOT (10%) Mobilizatio Sul	b Total	Scope Contingency/ Project	Total Construction	PE Design	CEI (10%)	Total Project	Total Cos	st (YOE**)	
1 domey	ID			1 Toject Description	(miles)		Cost	Constituction	n (10%)		Unknowns (10%)	Cost	(15%)	OLI (1070)	Cost (PDC*)			
Cidemalia									100/				4.50/	100/		2021-2025 2026-2030	2031-2035 1.47	2036-2045 1.94
Sidewalks Anthione Way	145	Florida Avenue	End	Sidewalk	0.08	2	\$165,943	\$25,219	10% 10% \$2,522	\$27,741	10% \$2,774	\$30,515	15% \$4,577	10% \$3,051	\$38,143	1.08 1.25 \$47,679	\$56,071	\$73,998
	_	Florida Avenue	End	Sidewalk	0.08	2	\$165,943	\$27,973	\$2,797	\$30,770	\$3,077	\$33,847	\$5,077	\$3,385	\$42,309		\$62,195	\$82,080
		Green River Parkway	NE Braille Place	Sidewalk	0.55	2	\$165,943	\$183,305		\$201,635	\$20,164	\$221,799	\$33,270	\$22,180	\$277,249		\$407,555	\$537,862
		Lantana Avenue	Florida Avenue	Sidewalk	0.13	2	\$165,943	\$43,657	\$4,366	\$48,023	\$4,802	\$52,825	\$7,924		\$66,031		\$97,066	\$128,100
	135		Gomez Avenue	Sidewalk	0.51	2	\$165,943	\$169,764		\$186,740	\$18,674	\$205,414	\$30,812		\$256,767		\$377,448	\$498,129
		NE Baker Road Baker Road	Dixie Highway	Sidewalk Sidewalk	0.12 0.14	2	\$165,943 \$165,943	\$40,943 \$47,445	\$4,094	\$45,038	\$4,504 \$5,219	\$49,542 \$57,408	\$7,431 \$8,611		\$61,927 \$71,761		\$91,033 \$105,488	\$120,138 \$139,216
		Lantana Avenue	SE Seneca Avenue Florida Avenue	Sidewalk	0.14	2	\$165,943	\$43,754	\$4,745 \$4,375	\$52,190 \$48,130	\$4,813	\$57, 4 06 \$52,943			\$66,178		\$105,466	\$139,216
		Lantana Avenue	End	Sidewalk	0.21	2	\$165,943	\$68,098	\$6,810	\$74,908	\$7,491	\$82,399	\$12,360		\$102,999		\$151,408	\$199,818
Dixie Highway	138	Wright Blvd	Existing Terminus Near Baker Road	Sidewalk	0.31	2	\$165,943	\$103,040	\$10,304	\$113,344	\$11,334	\$124,679	\$18,702	\$12,468	\$155,848	\$194,810	\$229,097	\$302,346
		SE 14 Street	SE Florida Street	Sidewalk	0.41	1	\$165,943	\$68,037	\$6,804	\$74,840	\$7,484	\$82,324	\$12,349	\$8,232	\$102,905		\$151,271	\$199,637
		Lantana Avenue	Florida Avenue	Sidewalk	0.13	2	\$165,943	\$43,769	\$4,377	\$48,146	\$4,815	\$52,961	\$7,944		\$66,201		\$97,316	\$128,430
		Lantana Avenue Bridge Road	Florida Avenue Comus Street	Sidewalk Sidewalk	0.13 0.33	2	\$165,943 \$165,943	\$43,732 \$110.912	\$4,373 \$11.091	\$48,105 \$122,004	\$4,810 \$12,200	\$52,915 \$134,204	\$7,937	\$5,292 \$13,420	\$66,144 \$167,755		\$97,232 \$246.600	\$128,320 \$325,444
		Bane Berry Drive	Swallowtrail Way	Sidewalk	0.60	2	\$165,943	\$200.019		\$220,021	\$22,002	\$242.023		\$13,420	\$302,529		\$444.717	\$586,905
Indian River Dr		NE CAUSEWAY BLVD	1000 FT S of Admiral's Way	Sidewalk	0.14	2	\$165,943	\$46,468	\$4,647	\$51,115	\$5,111	\$56,226	\$8,434		\$70,283		\$103,316	\$136,349
Jonathan Dickinson State Park Trail		CROSSING US 1 EAST OF FEC RAILROAD	,	Crosswalk		1	\$7,219	\$7,219	\$722	\$7,941	\$794	\$8,735	\$1,310		\$10,919		\$16,050	\$21,182
		Florida Avenue	US 1	Sidewalk	0.21	2	\$165,943	\$70,563	\$7,056	\$77,619	\$7,762	\$85,381			\$106,726		\$156,887	\$207,048
		Martin Downs Boulevard	High Meadow Avenue	Sidewalk	0.27	2	\$165,943	\$89,156	\$8,916	\$98,071	\$9,807	\$107,879	\$16,182		\$134,848		\$198,227	\$261,606
	162 220	Citrus Boulevard	42nd Avenue	Sidewalk	0.50	2	\$165,943 \$7,219	\$167,339		\$184,073	\$18,407 \$794	\$202,480	\$30,372	\$20,248 \$873	\$253,101		\$372,058 \$16.050	\$491,015
		NE SAVANNAH RD	NE SUMNER AVE	Crosswalk Sidewalk	0.19	2	\$165,943	\$7,219 \$63,686	\$722 \$6,369	\$7,941 \$70,054	\$7,005	\$8,735 \$77.060	\$1,310 \$11,559		\$10,919 \$96,325		\$141,597	\$21,182 \$186.870
		SE GREEN RIVER PKWY	NE CARDINAL AVE	Sidewalk	0.43	2	\$165,943	\$143,499		\$157,849	\$15,785	\$173,634		\$17,363	\$217.042		\$319.052	\$421,062
		NE Cardinal Avenue	NW Greenrip Parkway	Sidewalk	0.29	2	\$165,943	\$97,151		\$106,866	\$10,687	\$117,553		\$11,755	\$146,941		\$216,004	\$285,066
Neptune Street	154	Florida Avenue	US 1	Sidewalk	0.21	2	\$165,943	\$70,544	\$7,054	\$77,599	\$7,760	\$85,359	\$12,804	\$8,536	\$106,698		\$156,847	\$206,995
		Salerno Road	Cove Road	Sidewalk	0.06	2	\$165,943	\$21,119	\$2,112	\$23,231	\$2,323	\$25,554	\$3,833	\$2,555	\$31,943		\$46,956	\$61,969
		Salerno Road	Cove Road	Sidewalk Sidewalk	0.48	2	\$165,943 \$165,943	\$160,794 \$131,426		\$176,874 \$144,560	\$17,687 \$14,457	\$194,561 \$150,025		\$19,456 \$15,903	\$243,201 \$108,782		\$357,506	\$471,811 \$385,637
New Route Nw Alice Street		Salerno Road Dixie Highway	Cove Road Existing Terminus Near Alice Road	Sidewalk Sidewalk	0.40 0.27	2	\$165,943 \$165,943	\$131,426 \$88,140	\$13,143 \$8.814	\$144,569 \$96,955	\$14,457 \$9,695	\$159,025 \$106,650	\$23,854 \$15,997		\$198,782 \$133,312		\$292,209 \$195,969	\$385,637 \$258,626
		Dixie Highway	E of Railroad	Sidewalk	0.27	2	\$165,943	\$63,936	\$6,394	\$70,330	\$7,033	\$77,363	\$11,604		\$96,704		\$142,155	\$187,606
		Willoughby Blvd	Federal Hwy	Sidewalk	0.95	1	\$165,943	\$157,646		\$173,410	\$17,341	\$190,752	\$28,613		\$238,439		\$350,506	\$462,572
		Florida Avenue	End	Sidewalk	0.08	2	\$165,943	\$26,738	\$2,674	\$29,412	\$2,941	\$32,353	\$4,853	\$3,235	\$40,441		\$59,448	\$78,456
	224			Pedestrian Bridge	0.03	1	\$218,592	\$218,592		\$240,451	\$24,045	\$264,496	\$39,674		\$330,620		\$486,012	\$641,404
	229	Vennes III	Miller and her Divid	Crosswalk	1.60	1	\$7,219 \$165,943	\$7,219 \$270,487	\$722 \$27,049	\$7,941 \$297,536	\$794 \$29,754	\$8,735 \$327,289	\$1,310 \$49,093	\$873 \$32,729	\$10,919 \$409,112		\$16,050 \$601,394	\$21,182 \$793,677
		Kanner Hwy Lantana Avenue	Willoughby Blvd Florida Avenue	Sidewalk Sidewalk	1.63 0.13	2	\$165,943	\$43,642	\$4,364	\$48,006	\$4,801	\$327,269 \$52,807	\$7,921	\$5,281	\$66,009		\$97,033	\$128,057
		SE Birch Avenue	St. Lucie Boulevard	Sidewalk	0.64	2	\$165,943	\$210,882		\$231,970	\$23,197	\$255,167	\$38,275	\$25,517	\$318,958		\$468,869	\$618,779
		SE Tressler Drive	Federal Hwy	Sidewalk	0.22	2	\$165,943	\$73,015	\$7,301	\$80,316	\$8,032	\$88,348	\$13,252	\$8,835	\$110,435		\$162,340	\$214,244
		SE Birch Avenue	St. Lucie Boulevard	Sidewalk	0.64	2	\$165,943	\$211,865		\$233,052	\$23,305	\$256,357		\$25,636	\$320,446		\$471,056	\$621,666
		Lantana Avenue	Florida Avenue	Sidewalk	0.13	2	\$165,943	\$43,802	\$4,380	\$48,183	\$4,818	\$53,001	\$7,950		\$66,251		\$97,389	\$128,527
SE Dixie Hwy		700 FT S of SE KENSINGTON ST SE HIGHBORN WAY	SE AVIATION WAY JONATHAN DICKSON STATE PARK ENTRANCE	Rightsizing Sidewalk	1.13 2.42	1 2	\$165,943 \$165,943	\$187,470 \$803,164		\$206,217 \$883,481	\$20,622 \$88,348	\$226,838 \$971.829		\$22,684 \$97.183	\$283,548 \$1,214,786		\$416,815 \$1,785,736	\$550,083 \$2,356,685
		SE 10th Street	SE Ocean Boulevard	Sidewalk	0.52	2	\$165,943	\$173.567		\$190,924	\$19,092	\$210.017	\$31,502		\$262,521		\$385,905	\$509,290
		SE Johnson Avenue	Dixie Highway	Sidewalk	0.24	2	\$165,943	\$79,653	\$7,965	\$87,618	\$8,762	\$96,380	\$14,457		\$120,475		\$177,098	\$233,721
	245	Martin Luther King	SE Ocean Blvd.	Sidewalk	0.25	2	\$165,943	\$82,972	\$8,297	\$91,269	\$9,127	\$100,396	\$15,059	\$10,040	\$125,494		\$184,477	\$243,459
SE GROUPER AVE		Salerno Road	Cove Road	Sidewalk	0.24	2	\$165,943	\$81,051	\$8,105	\$89,156	\$8,916	\$98,071			\$122,589		\$180,206	\$237,823
	223	05.40.0()	OF O Blad	Pedestrian Bridge	0.02 0.58	1 2	\$145,728 \$165,943	\$145,728 \$192,494		\$160,301	\$16,030 \$21,174	\$176,331 \$232.918	\$26,450	\$17,633 \$23,292	\$220,414 \$291.147		\$324,008 \$427.986	\$427,602 \$564.825
		SE 10 Street Bridge Road	SE Ocean Blvd. Comus Street	Sidewalk Sidewalk	0.58	2	\$165,943	\$192,494 \$111,384		\$211,743 \$122,523	\$21,174	\$232,918 \$134,775		\$23,292 \$13,477	\$291,147 \$168,469		\$427,986 \$247.649	\$326,829
		SE Florida Street	Dixie Highway	Sidewalk	0.16	2	\$165,943	\$53,102	\$5,310	\$58,412	\$5,841	\$64.253			\$80.316		\$118.065	\$155.814
	_	Kanner Hwy	SE Casa Avenue	Sidewalk	0.23	2	\$165,943	\$76,334	\$7,633	\$83,967	\$8,397	\$92,364			\$115,455		\$169,719	\$223,982
		SE Biringham	Commerce Avenue	Sidewalk	0.37	1	\$165,943	\$61,399	\$6,140	\$67,539	\$6,754	\$74,293	\$11,144	\$7,429	\$92,866	\$116,082	\$136,513	\$180,160
		Federal Hwy	Commerce Avenue	Sidewalk	0.27	1	\$165,943	\$165,943		\$182,537	\$18,254	\$200,791			\$250,989		\$368,954	\$486,918
	228	05.0	Federal Here	Crosswalk	0.00	1	\$7,219	\$7,219	\$722	\$7,941	\$794	\$8,735	\$1,310	\$873	\$10,919		\$16,050	\$21,182
		SE Casa Avenue SW 173rd Avenue	Federal Hwy SW 168th Avenue	Sidewalk Sidewalk	0.28	1 2	\$165,943 \$165,943	\$165,943 \$331,886		\$182,537 \$365,075	\$18,254 \$36,507	\$200,791 \$401.582	\$30,119 \$60,237		\$250,989 \$501,978		\$368,954 \$737.907	\$486,918 \$973,837
	225		SW 100til Aveilue	Crosswalk	0.39	1	\$7,219	\$7,219	\$722	\$7,941	\$794	\$8,735	\$1,310	\$873	\$10,919	\$13,648	\$16,050	\$21,182
	_	PEDESTRIAN BRIDGE CROSSING FEC RAILROAD		Pedestrian Bridge	0.05	1	\$364,320	\$364,320		\$400,752	\$40,075	\$440,827	\$66,124		\$551,034		\$810,020	\$1,069,006
Bicycle Corridors																		
		Bridge Road	Powerline Avenue	Bike Lanes	1.91		\$152,748	\$583,734		\$700,481	\$70,048	\$770,530			\$963,162		\$1,415,848	\$1,868,534
		Green River Parkway SW WARFIELD BLVD	Cardinal Avenue	Bike Lanes	0.28	2	\$152,748	\$84,881		\$101,858	\$10,186	\$112,043	\$16,807	\$11,204	\$140,054		\$205,880	\$271,705
		NE Savannah Road	SW 96TH ST Indian River Road	Buffered Bike Lane Bike Lanes	10.93 0.40	2	\$190,935 \$152,748	\$4,173,378 \$123,253		\$147,903	\$500,805 \$14,790	\$5,508,859 \$162,694		\$550,886 \$16,269	\$6,886,073 \$203,367		\$10,122,528 \$298,949	\$13,358,982 \$394,532
		Green River Parkway	Savannah Road	Bike Lanes	0.43		\$152,748	\$130,218		\$156,262	\$15,626	\$171,888		\$17,189	\$214,860		\$315,845	\$416,829
Dixie Highway	139	Wright Blvd	Green River Parkway	Bike Lanes	0.37		\$152,748	\$112,741	\$11,274 \$11,274	\$135,290	\$13,529	\$148,819	\$22,323	\$14,882	\$186,023	\$232,529	\$273,454	\$360,885
Dixie Highway		Palmer Street	Indian River Drive	Bike Lanes	0.74		\$152,748	\$225,789	\$22,579 \$22,579	\$270,947	\$27,095	\$298,041		\$29,804	\$372,552		\$547,651	\$722,750
		NE SAVANNAH RD	SEAHORSE PL	Bike Lanes	0.97	2	\$152,748	\$296,902		\$356,283	\$35,628	\$391,911	\$58,787		\$489,888		\$720,136	\$950,384
		SEAHORSE PL Pennsylvania Avenue	NE PALMER ST Yachtsman Drive	Bike Lanes Bike Lanes	0.86 0.25	2	\$152,748 \$152,748	\$262,099 \$76,547	\$26,210 \$26,210 \$7,655 \$7,655	\$314,518 \$91,856	\$31,452 \$9,186	\$345,970 \$101,042	\$51,896 \$15,156	\$34,597 \$10,104	\$432,463 \$126,302		\$635,720 \$185.664	\$838,977 \$245,026
	170		Pine Lake Drive	Bike Lanes	0.25	2	\$152,748	\$243,615		\$292,338	\$29,234	\$321,571	\$48,236	\$32,157	\$401,964		\$590,887	\$779,811
		SW MARTIN DOWNS BLVD	SW MURPHY RD	Bike Lanes	0.97	2	\$152,748	\$297.367		\$356.840	\$35,684	\$392.524	\$58.879	\$39,252	\$490.655		\$721,264	\$951.872
High Meadow Ave	54	SW MARTIN HWY	SW MARTIN DOWNS BLVD	Bike Lanes	0.79	2	\$152,748	\$241,108	\$24,111 \$24,111	\$289,330	\$28,933	\$318,263	\$47,739	\$31,826	\$397,829	\$497,286	\$584,808	\$771,788
		Martin Highway	I-95	Bike Lanes	2.81	2	\$152,748	\$858,275		1,029,930	\$102,993	\$1,132,923		\$113,292	\$1,416,153		\$2,081,745	\$2,747,337
		NE PALMER ST	NE JENSEN BEACH BLVD	Bike Lanes	1.69	2	\$152,748	\$517,407		\$620,888	\$62,089	\$682,977	\$102,447		\$853,721		\$1,254,971	\$1,656,220
		NE CAUSEWAY BLVD NE JENSEN BEACH BLVD	COUNTY LINE RD NE CAUSEWAY BLVD	Bike Lanes Bike Lanes	0.93 0.45	2	\$152,748 \$152,748	\$282,591 \$138,905		\$339,109 \$166,686	\$33,911 \$16,669	\$373,020 \$183,355	\$55,953 \$27,503		\$466,275 \$229,193		\$685,424 \$336,914	\$904,573 \$444,635
		SE DIXIE HWY	SE ST LUCIE BLVD	Bike Lanes	0.45	1	\$152,748 \$152,748	\$138,905		\$166,686	\$16,669	\$183,355 \$154,919	\$27,503		\$229,193 \$193,649		\$336,914	\$375,679
		GOLDENROD RD	WARNER CREEK	Bike Lanes	1.34	2	\$152,748	\$410,049		\$492,059	\$49,206	\$541,265	\$81,190		\$676,581		\$994,575	\$1,312,568
Jensen Beach Blvd	97	WARNER CREEK	SAVANNAH RD	Bike Lanes	0.58	2	\$152,748	\$177,354	\$17,735 \$17,735	\$212,825	\$21,283	\$234,108	\$35,116	\$23,411	\$292,635	\$365,793	\$430,173	\$567,711
	_	Lost River	Monterey Road	Bike Lanes	5.15	1	\$152,748	\$786,617		\$943,940	\$94,394	\$1,038,334		\$103,833	\$1,297,918		\$1,907,940	\$2,517,961
		138th Street	Jonathan Dickson State Park Path	Bike Lanes	0.49	2	\$152,748	\$151,209		\$181,451	\$18,145	\$199,596		\$19,960	\$249,495		\$366,758	\$484,021
		SW SILVER WOLF DR SW MARTIN DOWNS BLVD	NW MARTIN HWY SE MAPP RD/SW MATHESON AVE	Bike Lanes Shared Lane	2.50 1.38	2	\$152,748 \$10,829	\$763,494 \$29,877	\$76,349 \$76,349 \$2,988 \$2,988	\$916,192 \$35,852	\$91,619 \$3,585	\$1,007,812 \$39,437		\$100,781 \$3,944	\$1,259,765 \$49,296		\$1,851,854 \$72,465	\$2,443,943 \$95,635
		SW MARTIN HWY	SW MARTIN DOWNS BLVD	Bike Lanes	0.77	1	\$10,829	\$29,877 \$117.337		\$35,852 \$140,805	\$3,585	\$39,43 <i>1</i> \$154.885		\$3,944 \$15,489	\$49,296 \$193.607		\$72,465 \$284.602	\$375,597
		Hidden River Avenue	Martin Downs Boulevard	Bike Lanes	2.98	2	\$152,748	\$911,003		1,093,203	\$109,320	\$1,202,524		\$120,252	\$1,503,154		\$2,209,637	\$2,916,120
Market Place	173	US 1	Commerce Avenue	Bike Lanes	0.40	2	\$152,748	\$120,963		\$145,156	\$14,516	\$159,671	\$23,951	\$15,967	\$199,589		\$293,396	\$387,203
Martin Highway		SW Citrus Boulevard	Florida Turnpike	Bike Lanes	1.12		\$152,748	\$342,155	\$34,215 \$34,215	\$410,586	\$41,059	\$451,644		\$45,164	\$564,556	\$705,694	\$829,897	\$1,095,238
Martin Hwy		FLORIDA'S TURNPIKE	SW MAPP RD	Buffered Bike Lane	2.17		\$190,935	\$830,097		\$996,117	\$99,612	\$1,095,728	\$164,359	\$109,573	\$1,369,661		\$2,013,401	\$2,657,141
		Farm Road SW MAPP RD	Warfield Boulevard SW PALM CITY RD	Bike Lanes Bike Lanes	0.72 0.80		\$152,748 \$152,748	\$218,476 \$122,740		\$262,171 \$147,288	\$26,217 \$14,729	\$288,388 \$162,016		\$28,839 \$16,202	\$360,485 \$202,520		\$529,913 \$297,705	\$699,341 \$392,889
		NE Baker Road	Dixie Highway	Bike Lanes Bike Lanes			\$152,748 \$152,748	\$122,740 \$37,688	\$12,274 \$12,274 \$3,769 \$3,769	\$147,288 \$45,225	\$14,729 \$4,523	\$162,016 \$49,748		\$16,202 \$4,975	\$202,520 \$62,185		\$297,705 \$91,412	\$392,889 \$120,639
110 Sino Highway	171	112 Ballot 11000	IDDAG . ng.iway	Dino Lurios	0.12	_	ψ102,170	ψυ1,000	ψυ,,, ου ψυ,, ι υσ	440,440	ψ4,020	ψ+3,1+0	207, بې	ψ-1,010	φυ2,100	الدارانات	2۱۳۱۲	ψ120,000

Facility	Map ID From	То	Project Description	Length (miles)	Sides	Base Construction Cost	Construction N	ИОТ (10%)	Mobilizatio n (10%)	Sub Total	Scope Contingency/ Project Unknowns (10%)	Total Construction Cost	PE Design (15%)	CEI (10%)	Total Project Cost (PDC*)	Total Cost (\)		2036-2045
Old St. Lucie Blvd	37 SE ST LUCIE BLVD	SE ST LUCIE BLVD	Shared Lane	0.45	2	\$10.829	\$9.678	\$968	\$968	\$11.614	\$1,161	\$12,776	\$1,916	\$1,278	\$15,969	\$19.962	\$23,475	\$30.981
Palmer St	60 NE DIXIE HWY	NE INDIAN RIVER DR	Bike Lanes	0.53	2		\$162,130	\$16,213	\$16,213	\$194,556	\$19,456	\$214,012	\$32,102	\$21,401	\$267,515	\$334,393	\$393,247	\$518,979
Pennsylvania Avenue	175 96th Street/CR 711	Fisherman's Wharf Drive	Bike Lanes	0.55	2	\$152,748	\$167,592	\$16,759	\$16,759	\$201,111	\$20,111	\$221,222		\$22,122	\$276,527	\$345,659	\$406,495	\$536,463
Pine Lake Drive	176 Fork Road	Britt Road	Bike Lanes	1.40	2	\$152,748	\$427,167	\$42,717	\$42,717	\$512,601	\$51,260	\$563,861		\$56,386	\$704,826	\$881,032	\$1,036,094	\$1,367,362
Powerline Avenue	177 138th Street 62 Palm Beach County Line	Bridge Road	Bike Lanes Buffered Bike Lane	0.52 7.27	2	\$152,748 \$190.935	\$158,649 \$2,776,237	\$15,865 \$277.624	\$15,865 \$277.624	\$190,378 \$3.331.485	\$19,038 \$333,148	\$209,416 \$3.664.633		\$20,942 \$366.463	\$261,770 \$4.580.791	\$327,213 \$5,725,989	\$384,802 \$6,733,763	\$507,834 \$8,886,735
Pratt Whitney Rd Pratt Whitney Rd	68 SW BRIDGE RD	SE Bridge Road SW KANNER HWY	Buffered Bike Lane	2.81	2	7	\$1.074.611	\$107,461	\$107,461	\$3,331,465 \$1,289,533	\$128,953	\$3,664,633		\$141.849	\$1,773,107	\$2,216,384	\$2,606,468	\$3,439,828
Salerno Rd	32 SE WILLOUGHBY BLVD	SE FEDERAL HWY	Bike Lanes	1.12	1	\$152,748	\$171,104	\$17,110	\$17,110	\$205,325	\$20,532	\$225,857		\$22,586	\$282,322	\$352,902	\$415,013	\$547,704
Sand Trail	178 Sand Avenue	Martin Downs Boulevard	Bike Lanes	0.63	2	\$152,748	\$191,295	\$19,129	\$19,129	\$229,553	\$22,955	\$252,509		\$25,251	\$315,636	\$394,545	\$463,985	\$612,334
Savannah Rd Savannah Rd	55 NE CARDINAL AVE 79 NE PINELAKE VILLAGE BLVD	NE PINELAKE VILLAGE BLVD NE JENSEN BEACH BLVD	Buffered Bike Lane Buffered Bike Lane	1.05	1	\$190,935 \$190,935	\$199,980 \$194,104	\$19,998 \$19.410	\$19,998 \$19,410	\$239,976 \$232,924	\$23,998 \$23,292	\$263,973 \$256,217	\$39,596 \$38,433	\$26,397 \$25.622	\$329,966 \$320.271	\$412,458 \$400.339	\$485,051 \$470,799	\$640,135 \$621,326
SE Bridge Rd	48 FLORIDA'S TURNPIKE	POWERLINE AVE	Buffered Bike Lane	4.72	2	\$190,935	\$1.803.713	\$180,371	\$180,371	\$2,164,456	\$216,446		,	\$238.090	\$2,976,127	\$3,720,159	\$4,374,907	\$5,773,687
SE Bridge Rd	92 SW KANNER HWY	FLORIDA'S TURNPIKE	Buffered Bike Lane	4.63	2	\$190,935	\$1,767,470	\$176,747	\$176,747		\$212,096			\$233,306	\$2,916,325	\$3,645,407	\$4,286,998	\$5,657,671
SE Bridge Rd	93 POWERLINE AVE	GOMEZ AVE	Buffered Bike Lane	2.43	2	\$190,935	\$927,931	\$92,793	\$92,793	\$1,113,517	\$111,352	\$1,224,868		\$122,487	\$1,531,086	\$1,913,857	\$2,250,696	\$2,970,306
SE County Line Road SE Horseshoe Road	180 SE Girl Scout Camp 127 SE Anchor Avenue	US 1 SE Kubin Avenue	Bike Lanes Sidewalk & Shared Lane Markings	3.00 1.15	2	\$152,748 \$176,772	\$917,280 \$404,864	\$91,728 \$40,486	\$91,728 \$40,486	\$1,100,736 \$485,837	\$110,074 \$48,584	\$1,210,810 \$534,421		\$121,081 \$53,442	\$1,513,512 \$668,026	\$1,891,890 \$835,033	\$2,224,863 \$981,999	\$2,936,213 \$1,295,971
SE Monterey Rd	50 SE ALHAMBRA ST	SE FEDERAL HWY	Bike Lanes	0.69	2	\$152,748	\$209,500	\$20,950	\$20,950	\$251,400	\$25,140	\$276,539		\$27,654	\$345,674	\$432,093	\$508,141	\$670,608
SE Monterey Rd	83 SW PALM CITY RD	SE ALHAMBRA ST	Bike Lanes	0.64	2	\$152,748	\$194,084	\$19,408	\$19,408	\$232,901	\$23,290	\$256,191	\$38,429	\$25,619	\$320,239	\$400,298	\$470,751	\$621,263
SE Monterey Rd	84 SE FEDERAL HWY	EAST OF SE DIXIE HWY	Bike Lanes	0.31	2	¥	\$95,189	\$9,519	\$9,519	\$114,227	\$11,423	\$125,650	\$18,847	\$12,565	\$157,062	\$196,328	\$230,881	\$304,701
SE Monterey Rd Ext SE Ocean Blvd	85 SE MONTEREY RD 41 SE PALM BEACH RD	SE FEDERAL HWY SE MARTINS AVE	Shared Lane Buffered Bike Lane	0.33	2	\$10,829 \$190,935	\$7,127 \$219,509	\$713 \$21,951	\$713 \$21,951	\$8,552 \$263,411	\$855 \$26,341	\$9,408 \$289,752	\$1,411 \$43,463	\$941 \$28,975	\$11,760 \$362,190	\$14,700 \$452,737	\$17,287 \$532,419	\$22,814 \$702.648
SE Ocean Blvd	42 S COLORADO AVE	SE PALM BEACH RD	Bike Lanes	0.98	2		\$299,409	\$29,941	\$29,941	\$359,291	\$35,929	\$395,220		\$39,522	\$494,025	\$617,531	\$726,217	\$958,409
SE Ocean Blvd at N SEwalls Point Rd	222		Bike Box		1	\$6,050	\$6,050	\$605	\$605	\$7,260	\$726	\$7,986	\$1,198	\$799	\$9,983	\$12,478	\$14,674	\$19,366
SE Ocean Blvd at SE St Lucie Blvd	221 10 ATLANTIC RIDGE PRESERVE STATE PARK	CARDINAL TRI	Bike Box	0.50	1	\$6,050	\$6,050	\$605	\$605	\$7,260	\$726 \$1,344	\$7,986	\$1,198	\$799	\$9,983	\$12,478	\$14,674	\$19,366
SE Paulson Ave SE St. Lucie Blvd	71 SE INDIAN ST	CARDINAL TRL SE DIXIE HWY	Shared Lane Shared Lane	0.52 2.30	1	\$10,829 \$10,829	\$11,197 \$24,860	\$1,120 \$2,486	\$1,120 \$2,486	\$13,437 \$29,832	\$1,344 \$2,983	\$14,780 \$32,815	\$2,217 \$4,922	\$1,478 \$3,281	\$18,475 \$41,019	\$23,094 \$51,273	\$27,159 \$60,297	\$35,842 \$79,576
SE St. Lucie Blvd	77 SE INDIAN ST	SE OCEAN BLVD	Shared Lane	1.76	2	\$10,829	\$38,082	\$3,808	\$3,808	\$45,699	\$4,570	\$50,268	\$7,540	\$5,027	\$62,836	\$78,544	\$92,368	\$121,901
SE St. Lucie Blvd	78 SE INDIAN ST	SE ST. LUCIE BLVD	Shared Lane	0.65	1	\$10,829	\$7,070	\$707	\$707	\$8,484	\$848	\$9,333	\$1,400	\$933	\$11,666	\$14,582	\$17,149	\$22,632
Sewalls Point Rd	61 SE OCEAN BLVD	NE PALMER ST	Bike Lanes	1.56 0.19	2	\$152,748	\$476,954 \$57,280	\$47,695	\$47,695	\$572,345	\$57,234		\$94,437 \$11,341	\$62,958	\$786,974	\$983,718 \$118,140	\$1,156,852	\$1,526,730
St. George Street St. Lucie Blvd	181 Yachtsman Drive 38 SE MARTIN AVE	Locks Road SE OCEAN BLVD	Bike Lanes Shared Lane	0.19 1.19	2	\$152,748 \$10.829	\$57,280 \$25,729	\$5,728 \$2,573	\$5,728 \$2,573	\$68,736 \$30,875	\$6,874 \$3,087	\$75,610 \$33,962	\$11,341 \$5,094	\$7,561 \$3,396	\$94,512 \$42,452	\$118,140 \$53,066	\$138,933 \$62,405	\$183,353 \$82,358
SW 96th St	94 SW CITRUS BLVD	SW PENNSYLVANIA AVE	Buffered Bike Lane	1.58	2	\$190,935	\$602,022	\$60,202	\$60,202	\$722,426	\$72,243	\$794,669		\$79,467	\$993,336	\$1,241,670	\$1,460,204	\$1,927,072
SW 96th St	95 SW PENNSYLVANIA AVE	SW KANNER HWY	Buffered Bike Lane	0.95	2	\$190,935	\$362,133	\$36,213	\$36,213	\$434,559	\$43,456	\$478,015	\$71,702	\$47,802	\$597,519	\$746,899	\$878,353	\$1,159,187
SW Adams Avenue	182 SW Palm Way	SW 150th Street	Bike Lanes	0.32 1.00	2	\$152,748	\$96,700	\$9,670	\$9,670	\$116,040	\$11,604	\$127,644		\$12,764	\$159,555	\$199,443	\$234,545	\$309,536
SW Farm Rd SW Farm Rd/Silver Fox Ln	39 SW 169TH AVE 40 SW WARFIELD BLVD	RAILROAD AVE SW ANDALUCIA CT	Bike Lanes Shared Lane	3.08	2	\$152,748 \$10.829	\$304,209 \$66,745	\$30,421 \$6.675	\$30,421 \$6.675	\$365,050 \$80.094	\$36,505 \$8.009	\$401,555 \$88,104	\$60,233 \$13,216	\$40,156 \$8.810	\$501,944 \$110.130	\$627,430 \$137,662	\$737,858 \$161.891	\$973,772 \$213.652
SW Martin Hwy	18 SW WARFIELD BLVD	SW ALLAPATAH RD	Shared Lane	12.24	1	\$10,829	\$132,568	\$13,257	\$13,257	\$159,082	\$15,908	+,		\$17,499	\$218,737	\$273,422	\$321,544	\$424,350
SW Palm City Rd	28 SW MONTEREY RD	SW FEDERAL HWY	Separated Bike Lanes	1.21	2	Ψ022,000	\$1,268,851	\$126,885	\$126,885	\$1,522,621	\$152,262			\$167,488	\$2,093,604	\$2,617,005	\$3,077,598	\$4,061,592
Willoughby Blvd	31 SE INDIAN ST	SE MONTEREY RD	Buffered Bike Lane	1.16	1	\$190,935	\$221,223	\$22,122	\$22,122	\$265,468	\$26,547	\$292,015		\$29,201	\$365,018	\$456,273	\$536,577	\$708,135
Willoughby Blvd Willoughby Blvd	72 SE COVE RD 73 SE POMEROY ST	SE POMEROY ST SE INDIAN ST	Buffered Bike Lane Buffered Bike Lane	1.56	1	\$190,935 \$190,935	\$298,223 \$196,020	\$29,822 \$19.602	\$29,822 \$19,602	\$357,868 \$235,224	\$35,787 \$23,522	\$393,655 \$258,746	φου,υ ισ	\$39,365 \$25,875	\$492,069 \$323,433	\$615,086 \$404,291	\$723,341 \$475,446	\$954,613 \$627,459
Willoughby Boulevard	217 Monterey Road	US 1	Bike Lanes	0.84	2	\$152,748	\$256,616	\$25,662	\$25,662	\$307,939	\$30,794	\$338,733		\$33,873	\$423,417	\$529,271	\$622,423	\$821,428
Yachtsman Drive	184 Fisherman's Wharf Drive	St. George Street	Bike Lanes	0.84	2	\$152,748	\$255,632	\$25,563	\$25,563	\$306,759	\$30,676	\$337,435	\$50,615	\$33,743	\$421,793	\$527,242	\$620,036	\$818,279
Multi-Purpose Trails and Greenways	233 NE Causeway Blvd.	CC Osses Blad	Channel Han Dath	3.1	1	\$296.015	\$917.647	\$91,765	\$91,765	\$1,101,176	\$110.118	\$1,211,294	\$181,694	\$121,129	\$1,514,117	\$1.892.647	\$2,225,753	\$2,937,388
A1A (Two Bridge Loop) Atlantic Ridge Trail Corridor - E/W Connector	193 Halpatiokee Park	SE Ocean Blvd. Thru Atlantic Ridge to Seabranch Blvd	Shared Use Path Shared Use Path	2.42	2		\$1,432,713	\$143,271	\$143,271	\$1,719,256	\$171.926	. , , .		\$189,118	\$2.363.977	\$2,954,971	\$3,475,046	\$4.586.115
Atlantic Ridge Trail Corridor - East	119 Bridge Road	PARK thru Johnathan Dickson Park to Ocean to Lake Trail	Shared Use Path	3.61	2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Under Study	4 0,110,010	- + 1,000,110
Atlantic Ridge Trail Corridor - East	195 Cove Raod	Thru Atlantic Ridge State Park to SE Seabranch Blvd	Shared Use Path	2.76	2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Under Study		
Atlantic Ridge Trail Corridor - East Atlantic Ridge Trail Corridor - West	195b SE Seabranch Blvd thru Atlantic Ridge and SFWMD 194 Halpatiokee Park	Bridge Road Thru Atlantic Ridge and Whiteworth Farms to Bridge Road	Shared Use Path Shared Use Path	4.22 3.04	2	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	Under Study Under Study	-	
Atlantic Ridge Trail Corridor - West	204 Halpatiokee Park	south to Atlantic Ridge Trail E/W Connector #93	Shared Use Path	1.47	2		\$870,285	\$87,028	\$87,028	\$1,044,341	\$104,434	\$1,148,776	\$172,316	\$114,878	\$1,435,969	\$1,794,962	\$2,110,875	\$2,785,781
Atlantic Ridge Trail Corridor - West	194b Bridge Road	Thru Canopus Sound LLC to Jonathan Dickson State Park	Shared Use Path	7.55	2	\$296,015	\$4,469,829	\$446,983	\$446,983	\$5,363,795	\$536,379	\$5,900,174		\$590,017	\$7,375,217	\$9,219,022	\$10,841,570	\$14,307,922
Bee Line Highway Corridor Trail	16 SW FOX BROWN RD	SE 128TH AVE	Shared Use Path	13.98	2	\$296,015	\$8,276,140	\$827,614	\$827,614	\$9,931,368	\$993,137	\$10,924,505		1,092,450	\$13,655,631	\$17,069,539	\$20,073,778	\$26,491,925
Bee Line Highway Corridor Trail Bee Line Highway Corridor Trail	88 UNNAMED RD 89 SW KANNER HWY	SW KANNER HWY SW FOX BROWN RD	Shared Use Path Shared Use Path	6.40 4.66	2	\$296,015 \$296,015	\$3,791,057 \$2,760,358	\$379,106 \$276,036	\$379,106 \$276,036	\$4,549,268 \$3,312,430	\$454,927 \$331,243	\$5,004,195 \$3,643,673		\$500,419 \$364,367	\$6,255,244 \$4,554,591	\$7,819,055 \$5,693,239	\$9,195,208 \$6,695,249	\$12,135,173 \$8.835.906
C 23 -FNST Connector Trail	64 C-23 CANAL	OKEECHOBEE SCENIC TRAIL	Shared Use Path	11.73	2	\$296,015	\$6,943,083	\$694,308	\$694,308	\$8,331,700	\$833,170	\$9,164,870		\$916,487	\$11,456,087	\$14,320,109	\$16,840,449	\$22,224,810
C-23 Trail Corridor (Robert B. Jenkins)	63 FLORIDA EAST COAST RAILOAD	MAPP ROAD	Shared Use Path	17.62	2	\$296,015	\$10,429,396	\$1,042,940	\$1,042,940	\$12,515,275	\$1,251,528	\$13,766,803		1,376,680	\$17,208,504	\$21,510,630	\$25,296,500	\$33,384,497
C-44 Trail	185 Beeline Highway Corridor 90 SW 96TH ST	St. Lucie County Line SW MARTIN HWY	Shared Use Path	15.08	2	\$296,015	\$8,927,817	\$892,782	\$892,782	\$10,713,380	\$1,071,338	\$11,784,718	. , . ,	1,178,472	\$14,730,898	\$18,413,622 \$6,101,413	\$21,654,420 \$7,175,262	\$28,577,942 \$9,469,393
Citrus Blvd Citrus Blvd (new project)	33b SW WARFIELD BLVD	SW 96TH ST	Shared Use Path Shared Use Path	5.00 10.93	2	\$296,015 \$296,015	\$2,958,261 \$6,470,891	\$295,826 \$647.089	\$295,826 \$647,089	\$3,549,913 \$7.765.069	\$354,991 \$776,507	\$3,904,904 \$8.541.576	64 004 000	\$390,490 \$854.158	\$4,881,131 \$10.676.970	\$13.346.213	\$15.695.147	\$20,713,323
Citrus Cove Tunnel	201 Sand Avenue	Citrus Boulevard via Turnpike Underpass	Shared Use Path	0.66	2	\$296,015	\$389,812	\$38,981	\$38,981	\$467,774		\$514,551	. , . ,	\$51,455	\$643,189	\$803,986	\$945,488	\$1,247,787
Citrus Grove Elementary Connection	65 SW CITRUS BLVD	SW MALLARD CREEK TRAIL	Shared Use Path	0.50	2		\$294,555	\$29,455		\$353,466	\$35,347	\$388,812		\$38,881	\$486,016	\$607,519	\$714,443	\$942,870
Commerce Ave Commerce Ave	47 SE MARKET PL 46 SE SALNERO RD	SE INDIAN ST SE MARKET PLACE	Shared Use Path Shared Use Path	0.95 1.29	2	\$296,015 \$296,015	\$562,621 \$764,390	\$56,262 \$76,439	\$56,262 \$76,439	\$675,146 \$917,268	\$67,515 \$91,727			\$74,266 \$100,900	\$928,325 \$1,261,244	\$1,160,406 \$1.576.555	\$1,364,638 \$1,854,029	\$1,800,951 \$2,446,814
Confinerce Ave	111 COVE ROAD FROM SR 9/I-95	SE DIXIE HIGHWAY	Shared Use Path and Bike Lanes	5.15		\$3,097,780	\$3.097.780	\$309,778	\$309,778	\$3.717.335	\$371,734			\$408,907	\$5,111,336	\$6.389.170	\$7,513,664	\$9,915,992
Cross County Trail - Kanner Hwy	11 SW WARFIELD BLVD	SW 96TH ST	Shared Use Path	12.45	2	\$296,015	\$7,370,641	\$737,064			\$884,477	\$9,729,245	\$1,459,387	\$972,925	\$12,161,557	\$15,201,946	\$17,877,489	\$23,593,420
Cross County Trail - Kanner Hwy	12 CONNERS HWY	SW WARFIELD BLVD	Shared Use Path	10.63	2	\$296,015	\$6,292,834	\$629,283	\$629,283	\$7,551,401	\$755,140			\$830,654	\$10,383,176	\$12,978,970	\$15,263,269	\$20,143,361
Cross County Trail - Kanner Hwy Cross County Trail - Kanner Hwy	13 SW JACK JAMES DR 91 SW PRATT WHITNEY RD	SE COVE RD SW JACK JAMES DR	Shared Use Path Shared Use Path	0.83 1.56	2	\$296,015 \$296.015	\$494,077 \$923,404	\$49,408 \$92,340	\$49,408 \$92,340	\$592,892 \$1.108.085	\$59,289 \$110,809	\$652,181 \$1.218.894		\$65,218 \$121.889	\$815,227 \$1.523.617	\$1,019,033 \$1,904,521	\$1,198,383 \$2,239,717	\$1,581,540 \$2.955.817
Cross-County Trail 1	113 SR 76/KANNER HIGHWAY FROM SW CONNERS HWY	SR 710/WARFIELD BLVD	Shared Use Path	10.63		\$296,015	\$6,293,282	\$629,328	\$629,328	\$7,551,939	\$755,194			\$830,713	\$1,323,017	\$12,979,894	\$15,264,356	\$2,935,817
Dixie Highway/East Coast Greenway	186 SE Bridge Road	St. Lucie County Line	Shared Use Path	3.33		\$296,015	\$1,971,461	\$197,146		\$2,365,753	\$236,575			\$260,233	\$3,252,910	\$4,066,138	\$4,781,778	\$6,310,646
East Coast Greenway - Main	100 FLORIDA PARK SERVICES	US 1/FEDERAL HWY	Shared Use Path	0.27		\$296,015	\$159,848	\$15,985	\$15,985	\$191,818	\$19,182	\$211,000		\$21,100	\$263,749	\$329,687	\$387,712	\$511,674
East Coast Greenway - Main East Coast Greenway - Main	101 JONATHAN DICKINSON STATE PARK US 1/FEDERAL HWY 103 FEC CROSSING	FLORIDA PARK SERVICES MIDBLOCK CROSSWALK	Shared Use Path Shared Use Path	2.35 0.14		\$296,015 \$296,015	\$1,391,271 \$82,884	\$139,127 \$8,288	\$139,127 \$8,288	\$1,669,525 \$99,461	\$166,953 \$9,946	. , ,	,	\$183,648 \$10,941	\$2,295,597 \$136,759	\$2,869,497 \$170,949	\$3,374,528 \$201,036	\$4,453,459 \$265,312
East Coast Greenway - Main	103 FEC CROSSING 104 SE DIXIE HWY FROM RAILROAD CROSSING	BRIDGE RD	Shared Use Path	2.03	2		171,000	ψυ,∠00	ψυ,∠00	φ33, 4 01	ψ3,340	φ103,40 <i>1</i>	ψ10, 4 11	ψ10,341	\$171,000	\$213,750	\$251,370	\$331,740
East Coast Greenway - Main	105 SE GOMEZ AVE FROM SE BRIDGE RD	SE OSPREY ST	Shared Use Path	3.28		\$670,732	2,200,000								\$2,200,000	\$2,750,000	\$3,234,000	\$4,268,000
East Coast Greenway - Main (Sailfish Capital Trail)	106 SE DIXIE HWY from Cove Road	SR 714/MONTEREY RD	Shared Use Path	4.08			6,500,000								\$6,500,000	\$8,125,000	\$9,555,000	\$12,610,000
East Coast Greenway - Main (Sailfish Capital Trail) East Coast Greenway - Main (Sailfish Capital Trail)	108 N/S of Bridge 109 SE DIXIE HWY FROM SR 714/MONTEREY RD	WRIGHT BLVD SE OCEAN BLVD	Shared Use Path Shared Use Path	0.93 1.58	2	\$822,581 \$531,646	765,000 840,000								\$765,000 \$840,000	\$956,250 \$1,050,000	\$1,124,550 \$1,234,800	\$1,484,100 \$1,629,600
East Coast Greenway - Main (Saillish Capital Trail) East Coast Greenway - Main (Sailfish Capital Trail)	110 SE DIXIE HWY FROM SE OCEAN BLVD	SE SEMINOLE ST	Shared Use Path (Elevated walkway)	0.19		\$12,631,579	2,400,000								\$2,400,000	\$3,000,000	\$3,528,000	\$4,656,000
East Coast Greenway - Main (Sailfish Capital Trail)	106b SE DIXIE HWY from Grafton Ave	COVE ROAD	Shared Use Path	0.61	2	\$296,015	\$361,138	\$36,114			\$43,337	\$476,703		\$47,670	\$595,878	\$744,848	\$875,941	\$1,156,004
East Coast Greenway - Main (Sailfish Capital Trail)	108b SE DIXIE HWY From SE SEMINOLE ST	n/s of bridge	Shared Use Path (Bridge)	0.47	1	ψ 1,001,100	\$2,317,775	\$231,777	\$231,777	\$2,781,330	\$278,133	\$3,059,463		\$305,946	\$3,824,328	\$4,780,410	\$5,621,763	\$7,419,197
East Coast Greenway (thru Jonathan Dickson Park) Federal Hwy - US 1	218 US 1 23 SE SALERNO RD	Old Dixie Hwy SE POMEROY ST	Shared Use Path Shared Use Path	0.64 1.15	2	\$296,015 \$296,015	\$380,478 \$678,919	\$38,048 \$67,892	\$38,048 \$67,892	\$456,574 \$814,703	\$45,657 \$81,470	\$502,231 \$896,173		\$50,223 \$89,617	\$627,789 \$1,120,216	\$784,736 \$1,400,270	\$922,849 \$1,646,717	\$1,217,910 \$2,173,219
Federal Hwy/US 1	81 SE POMEROY ST	SE INDIAN ST	Shared Use Path	0.87	2		\$516,310	\$51,631	\$51,631	\$619,572	\$61,957	\$681,529		\$68,153	\$1,120,216	\$1,400,270	\$1,252,310	\$1,652,708
Federal Hwy/US 1	129 Sand Road	Dixie Highway	Shared Use Path	3.20	1	\$296,015	\$947,314	\$94,731	\$94,731	\$1,136,777	\$113,678	\$1,250,455	\$187,568	\$125,045	\$1,563,069	\$1,953,836	\$2,297,711	\$3,032,353
Historic Jupiter Indiantown Trail (Ex. Fdep Trail)	14 KANNER HWY	COUNTY LINE	Shared Use Path	8.17	2	+	\$4,839,475	\$483,948	\$483,948	\$5,807,370	\$580,737	\$6,388,107		\$638,811	\$7,985,134	\$9,981,418	\$11,738,147	\$15,491,160
Hungryland Wildlife And Environmental Area Trail Indian Mound Trail	15 SW WARFIELD BLVD 142 Citrus Boulevard	SW PRATT WHITNEY ROAD Citrus Boulevard via Canal, American Street, Indian Mound Drive	Shared Use Path Shared Use Path	5.44 1.28	2	\$296,015 \$296,015	\$3,219,150 \$756,508	\$321,915 \$75,651	\$321,915 \$75,651	\$3,862,980 \$907,809	\$386,298 \$90,781	\$4,249,278 \$998,590		\$424,928 \$99,859	\$5,311,598 \$1,248,238	\$6,639,497 \$1,560,297	\$7,808,049 \$1,834,910	\$10,304,499 \$2,421,581
Indian Mound Trail	142 Citrus Boulevard 143 Citrus Boulevard	Citrus Boulevard via Canal, American Street, Indian Mound Drive	Shared Use Path	0.99	2		\$587,807	\$58,781	\$58,781	\$705,368	\$70,537	\$775,905		\$77,590	\$969,881	\$1,560,297	\$1,425,725	\$1,881,569
Indian Mound Trail	202 Citrus Boulevard	Citrus Boulevard via Canal, American Street, Indian Mound Drive	Shared Use Path	1.28	2	\$296,015	\$757,799	\$75,780	\$75,780	\$909,359	\$90,936	\$1,000,294	\$150,044	\$100,029	\$1,250,368	\$1,562,960	\$1,838,041	\$2,425,714
Indian Street (Two bridge loop)	235 Mapp Road	Kanner Hwy	Shared Use Path	1.44	1	\$296,015	\$426,262	\$42,626	\$42,626	\$511,514	\$51,151	\$562,666		\$56,267	\$703,332	\$879,165	\$1,033,898	\$1,364,464
Jensen Beach Blvd Jensen Beach Blvd	30 SE GREEN RIVER PKWY 75 FEDERAL HIGHWAY	NE SAVANNAH RD SE GREEN RIVER PKWY	Shared Use Path Shared Use Path	1.05 1.16	2	\$296,015 \$296.015	\$621,893 \$689,556	\$62,189 \$68.956	\$62,189 \$68.956	\$746,271 \$827,467	\$74,627 \$82,747	\$820,898 \$910,214		\$82,090 \$91.021	\$1,026,123 \$1,137,767	\$1,282,654 \$1,422,209	\$1,508,401 \$1,672,518	\$1,990,679 \$2,207,268
Jensen Beach Blvd Jensen Beach Blvd	75 FEDERAL HIGHWAY 76 NE SAVANNAH RD	NE INDIAN RIVER DR	Shared Use Path Shared Use Path	0.71	_	\$296,015	\$419,583	\$68,956			\$50,350			\$55,385	\$1,137,767 \$692,311	\$1,422,209	\$1,672,518	\$2,207,268
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Facility	Map From ID	То	Project Description	Length (miles)	Sides	Base Construction Cost	Construction	MOT (10%)	Mobilizatio n (10%)	Sub Total	Scope Contingency/ Project Unknowns (10%)	Total Construction Cost	PE Design (15%)	CEI (10%)	Total Project Cost (PDC*)	2021-2025	Total Cos	t (YOE**)	2036-2045
Jesup Trail	123 FROM INDIANTOWN RD	JONATHAN DICKINSON STATE PARK	Shared Use Path	6.48	2	\$296,015	\$3,836,356	\$383,630	6 \$383,636	\$4,603,628	\$460,363	\$5,063,990	\$759,599	\$506,399	\$6,329,988		\$7,912,485	\$9,305,082	\$12,280,177
Jonathan Dickinson State Park Trail	3 Park Road	future Ocean to Lake Trail	Shared Use Path	0.98	2	\$296,015	\$583,015	\$58,30	1 \$58,301	\$699,618	\$69,962	\$769,579	\$115,437	\$76,958	\$961,974		\$1,202,468	\$1,414,102	\$1,866,230
Jonathan Dickinson State Park Trail	4		Shared Use Path	0.51	2	\$296,015	\$299,299	\$29,930		\$359,158		\$395,074		\$39,507	\$493,843		\$617,303	\$725,949	\$958,055
Jonathan Dickinson State Park Trail	5		Shared Use Path	0.42	2	\$296,015	\$246,906	\$24,69		\$296,287		\$325,916		\$32,592	\$407,395		\$509,244	\$598,871	\$790,347
Jonathan Dickinson State Park Trail	6	There I worth on Distance Otate Deale	Shared Use Path	1.27	2	\$296,015	\$752,564	\$75,256		\$903,076		\$993,384		\$99,338	\$1,241,730		\$1,552,162	\$1,825,343	\$2,408,956
Jonathan Dickson State Park Trail Jonathan Dickson Trail - Park Rd	196 Flamingo Terminus	Thru Jonathan Dickson State Park	Shared Use Path Shared Use Path	2.75 2.81	2	\$296,015 \$296,015	\$1,629,361 \$1,662,576	\$162,936 \$166,258		\$1,955,234 \$1,995,091		\$2,150,757 \$2,194.600		\$215,076 \$219,460	\$2,688,446 \$2,743,250		\$3,360,558 \$3,429,063	\$3,952,016 \$4.032.578	\$5,215,586 \$5,321,906
Jonathan Dickson Trail/ Se Jonathan Dickinson Way	2 Jesup Trail	SE Beach Road	Shared Use Path	1.13	2	\$296,015	\$669,162			\$802.994				\$88,329	\$1,104,117		\$1,380,146	\$1,623,052	\$2,141,987
Kanner Highway	232 Monterey	Federal Hwy	Shared Use Path	1.06	1	\$296,015	\$313,776	\$31,378		\$376.531	+,			\$41,418	\$517,730		\$647,163	\$761,064	\$1,004,397
Kanner Highway (Two bridge loop)	236 Indian Street	Martin Downs Boulevard	Shared Use Path	1.27	1	\$296,015	\$375,939	\$37,59		\$451,127		\$496,240		\$49,624	\$620,300		\$775,375	\$911,841	\$1,203,382
Lake Okeechobee Scenic Trail	219 Palm Beach County Line	St. Lucie County Line	Shared Use Path	21.30	2	\$296,015	\$12,610,245	\$1,261,02	5 \$1,261,025	\$15,132,294	\$1,513,229	\$16,645,524	\$2,496,829	\$1,664,552	\$20,806,905		\$26,008,631	\$30,586,150	\$40,365,396
Mapp Road (Two bridge loop)	237 Indian Street	Martin Downs Boulevard	Shared Use Path	0.77	1	\$296,015	\$227,932		3 \$22,793	\$273,518	\$27,352	\$300,870		\$30,087	\$376,087		\$470,109	\$552,848	\$729,609
Martin - East/West Corridor	199 US 98	Jonathan Dickson State Park	Shared Use Path	26.31	2	\$296,015	\$15,573,743	. ,,.	4 \$1,557,374	\$18,688,492		\$20,557,341		\$2,055,734	\$25,696,677		\$32,120,846	\$37,774,114	\$49,851,552
Martin Downs Boulevard (Two bridge loop)	238 Mapp Road	Kanner Hwy	Shared Use Path	1.08	1 1	\$296,015	\$319,696	\$31,970		\$383,636		\$421,999		\$42,200	\$527,499		\$659,374	\$775,424	\$1,023,348
Monterey Road Monterey Road	107 SE MONTEREY RD AT SE DIXIE HWY 118 MONTEREY RD FROM ALHAMBRA AVE	OCEAN BLVD AT SE DIXIE HWY SE DIXIE HWY	Shared Use Path Shared Use Path	3.40 0.93	2	\$296,015 \$296,015	\$1,006,452 \$550,588	\$100,645 \$55.059		\$1,207,742 \$660,706		\$1,328,516 \$726,776		\$132,852 \$72.678	\$1,660,645 \$908.470		\$2,075,806 \$1,135,588	\$2,441,148 \$1,335,452	\$3,221,651 \$1,762,433
Murphy Road	45 SE MAPP RD	SE BECKER RD	Shared Use Path	2.90	2	\$296,015	\$1,715,336			\$2.058.403				\$226,424	\$2.830.304		\$3.537.880	\$4.160.547	\$5,490,790
Murphy Road	117 MURPHY RD FROM SR 714/MARTIN DOWNS BLVD	COUNTY LINE CANAL	Shared Use Path or Bike Lanes	3.10	2	\$296.015	\$1,835,294			\$2,202,353		\$2,422,588	7000,000	\$242,259	\$3.028.235		\$3,785,294	\$4,451,505	\$5,874,776
N. Sewalls Point Road (Two Bridge Loop)	239 SE Ocean Blvd.	NE Causeway Blvd	Shared Use Path	3.71	1	\$296,015	\$1,098,216	\$109,822	2 \$109,822	\$1,317,859	\$131,786	\$1,449,645	\$217,447	\$144,965	\$1,812,057		\$2,265,071	\$2,663,723	\$3,515,390
NE Causeway (Two Bridge Loop)	240 N. Sewells Point Road	A1A	Shared Use Path	1.92	1	\$296,015	\$568,349	\$56,83		\$682,019	\$68,202	\$750,221	\$112,533	\$75,022	\$937,776		\$1,172,220	\$1,378,531	\$1,819,285
New Route	134 SW Indianwood Circle	SW Osceola Street	Shared Use Path	0.14	2	\$296,015	\$83,048	\$8,30		\$99,658	7-1	7.00,00		\$10,962	\$137,030		\$171,287	\$201,433	\$265,837
New Route	197 Locks Road	Over Canal to Mapp Road	Shared Use Path	1.79	2	\$296,015	\$1,058,387	\$105,839		\$1,270,065		\$1,397,071		\$139,707	\$1,746,339		\$2,182,924	\$2,567,118	\$3,387,897
New Route	205 Flora Avenue Terminus	Thru Jonathan Dickson State Park	Shared Use Path	1.39	2	\$296,015	\$821,539	\$82,15		\$985,846		\$1,084,431	Ţ:0=j000	\$108,443	\$1,355,539		\$1,694,423	\$1,992,642	\$2,629,745
Nw Dixie Hwy	26 NW WRIGHT BLVD	NE BAKER RD FEC	Shared Use Path	0.52 11.44	2	\$296,015	\$307,338 \$6,772,827	\$30,734 \$677.283		\$368,806 \$8.127.392		\$405,687		\$40,569 \$894.013	\$507,109		\$633,886 \$13.968.955	\$745,450 \$16.427.491	\$983,791 \$21.679.818
Ocean To Lake Trail Corridor	188 Palm Beach County Line		Shared Use Path		2	\$296,015	1.7	, , , ,		1 - 7 - 7	, , , ,	\$8,940,131	1 /- /	, ,	\$11,175,164		,,	1 1 1 1 1	, ,, ,, ,,
Old Dixie Highway	214 US 1	Bridge Road	Shared Use Path	1.32	2	\$296,015	\$779,716	\$77,972	- ' '	\$935,659		\$1,029,225		\$102,922	\$1,286,531		\$1,608,164	\$1,891,201	\$2,495,871
Palm Beach Road	125 SE MONTEREY RD	SE OCEAN BLVD	Shared Use Path	1.09	2	\$296,015	\$645,313	\$64,53		\$774,376	\$77,438	\$851,813		\$85,181	\$1,064,766		\$1,330,958	\$1,565,207	\$2,065,647
Pratt & Whitney Trail Corridor	190 Palm Beach County Line	Old Jupiter Road	Shared Use Path	1.15	2	\$296,015	\$683,224	\$68,322		\$819,869	\$81,987	\$901,856		\$90,186	\$1,127,319		\$1,409,149	\$1,657,160	\$2,187,000
Savannah State Park Trail	198 Jensen Beach Boulevard	Thru Savannah State Park to St. Lucie County Line	Shared Use Path	1.74	2	\$296,015	\$1,030,917	\$103,092		\$1,237,101	\$123,710	\$1,360,811		\$136,081	\$1,701,013		\$2,126,267	\$2,500,490	\$3,299,966
SE Bridge Rd	49 SE DIXIE HWY	S BEACH RD	Shared Use Path	0.92	2	\$296,015	\$542,499	\$54,250		\$650,999		\$716,099		\$71,610	\$895,124		\$1,118,904	\$1,315,832	\$1,736,540
SE Cove Rd	8 SE WILLOUGHBY BLVD	SE DIXIE HWY	Shared Use Path	2.18	1	\$296,015	\$644,298	\$64,430	0 \$64,430	\$773,158	\$77,316	\$850,474		\$85,047	\$1,063,092		\$1,328,865	\$1,562,746	\$2,062,399
SE Cove Rd	66 KANNER HWY	SE WILLOUGHBY BLVD	Shared Use Path	2.16	1	\$296,015	\$638,594	\$63,859	9 \$63,859	\$766,313	\$76,631	\$842,945	\$126,442	\$84,294	\$1,053,681		\$1,317,101	\$1,548,911	\$2,044,141
SE Cove Rd	67 SE DIXIE HWY	COVE ROAD PARK	Shared Use Path	1.46	2	\$296,015	\$864,623	\$86,462	2 \$86,462	\$1,037,547	\$103,755	\$1,141,302	\$171,195	\$114,130	\$1,426,627		\$1,783,284	\$2,097,142	\$2,767,657
SE Federal Hwy	29 SE SEABRANCH BLVD	2000 FT N of DHARLYS ST	Shared Use Path	2.60	2	\$296,015	\$1,541,867	\$154,187	7 \$154,187	\$1,850,241	\$185,024	\$2,035,265	\$305,290	\$203,527	\$2,544,081		\$3,180,102	\$3,739,799	\$4,935,518
SE Ocean Blvd. (Two Bridge Loop)	251 N. Sewells Point Road	A1A	Shared Use Path	1.65	1	\$296,015	\$488,425	\$48,842	2 \$48,842	\$586,110	\$58,611	\$644,721	\$96,708	\$64,472	\$805,901		\$1,007,377	\$1,184,675	\$1,563,448
SE Paulson Ave	9 CARDINAL TRL	SW GAINES AVE	Shared Use Path	0.59	2	\$296,015	\$348,446	\$34,84	5 \$34,845	\$418,135	\$41,813	\$459,948	\$68,992	\$45,995	\$574,935		\$718,669	\$845,155	\$1,115,374
SW Allapatah Rd	20 SW WARFIELD BLVD	SW MARTIN HWY	Shared Use Path	12.06	2	\$296,015	\$7,137,895	\$713.79	0 \$713,790	\$8.565.475	\$856,547	\$9,422,022		\$942,202	\$11,777,527		\$14,721,909	\$17,312,965	\$22,848,403
SW Famel Avenue	131 Marina (End)	SW Farm Road	Shared Use Path	0.65	2	\$296,015	\$384,338	\$38.43	4 \$38,434	\$461,205	\$46,121	\$507.326		\$50,733	\$634,158		\$792,697	\$932,212	\$1,230,266
SW Farm Rd	82 SW ANDALUCIA CT	SW 169TH AVE	Shared Use Path	0.77	2	\$296,015	\$456,761	\$45,670	6 \$45,676	\$548,113	\$54,811	\$602,924	\$90,439	\$60,292	\$753,655		\$942,069	\$1,107,873	\$1,462,091
SW High Meadow Avenue	253 SW Martin Downs Blvd	Murphy Road	Shared Use Path	0.97	1	\$296,015	\$287,135	\$28,71		\$344.562		\$379.018		\$37.902	\$473,772		\$592,215	\$696,445	\$919,118
SW Indiantown Ave	17 SW WARFIELD BLVD	SW KANNER HWY	Shared Use Path	0.42	2	\$296,015	\$248,748	\$24,87		\$298,498	\$29,850	\$328,348		\$32,835	\$410,435		\$513,044	\$603,339	\$796,244
SW Martin Hwy	19 SW ALLAPATAH RD	I-95	Shared Use Path	5.49	2	\$296,015	\$3,251,292	\$325,129		\$3.901.551		\$4.291.706		\$429,171	\$5.364.632		\$6,705,790	\$7.886.009	\$10,407,386
SW Martin Hwy	69 I-95	84TH AVE	Shared Use Path	1.52	2	\$296,015	\$901.352	\$90.13		\$1.081.623	, ,	\$1,189,785		\$118.979	\$1,487,231		\$1.859.039	\$2,186,230	\$2,885,229
SW Martin Hwy	70 84TH AVE	FLORIDA'S TURNPIKE	Shared Use Path	3.82	2	\$296,015	\$2,262,011	\$226,20		\$2,714,413	\$271,441	\$2,985,855		\$298,585	\$3,732,318		\$4,665,398	\$5,486,508	\$7,240,698
SW Matheson Ave	44 SW MARTIN DOWNS BLVD	SW MURPHY RD	Shared Use Path	0.98	2	\$296,015	\$581,385	\$58,139		\$697.662		\$767.428		\$76,743	\$959,285		\$1,199,107	\$1,410,149	\$1.861.013
								700,	++++	, ,									. , ,
SW Murphy Road	254 SW High Meadows Road	North County Line	Shared Use Path	1.61	1	\$296,015	\$476,584	\$47,658		\$571,901	\$57,190	\$629,091		\$62,909	\$786,364		\$982,955	\$1,155,955	\$1,525,547
SW Osceola Street	133 SW Warfield Boulevard	Citrus Boulevard	Shared Use Path	1.72	2	\$296,015	\$1,019,972	\$101,99		\$1,223,967	\$122,397	\$1,346,364		\$134,636	\$1,682,955		\$2,103,693	\$2,473,943	\$3,264,932
Treasure Coast Loop Trail Corridor (see others)	189 Ocean Boulevard/A1A	St. Lucie County Line	Shared Use Path	8.47	1	\$296,015	\$2,507,248	\$250,72		\$3,008,698	\$300,870	\$3,309,568		\$330,957	\$4,136,960		\$5,171,200	\$6,081,331	\$8,025,702
Willoughby Blvd	124 SE COVE RD	US 1/FEDERAL HWY	Shared Use Path	4.58	2	\$296,015	\$2,711,499	\$271,150	0 \$271,150	\$3,253,799	\$325,380	\$3,579,178		\$357,918	\$4,473,973		\$5,592,466	\$6,576,740	\$8,679,508
Notes														Sidewalks	\$10,289,028	\$0	\$12,861,285	\$15,124,871	\$19,960,714
* PDC - Present Day Cost														Corridors	\$50,948,813	\$0	\$63,686,017	\$74,894,756	\$98,840,698
** YOE - Year of Expenditure												Multi-Pur	pose Trails and C	Greenways	\$328,369,846	\$0	\$410,462,308	\$482,703,674	\$637,037,502
Base construction cost for sidewalk (concrete - 5' one s	side, 4 inch depth, Cost Per mile Model, FDOT, July 2019											Total	for Non-Motorize	d Projects	\$389,607,687	\$0	\$487,009,609	\$572,723,300	\$755,838,914

Aviation Projects

Martin in Motion, 2045 LRTP

Ducinet Description	Total Project		Total Cos	t (YOE**)	
Project Description	Cost (PDC*)	2021-2025	2026-2030	2031-2035	2036-2045
Capital Improvement Projects supported by Partial FDOT Funding		1.08	1.25	1.47	1.94
Airfield Guidance Sign Replacement (Design and Construct)	\$250,000	\$270,000			
Airport Business Plan	\$200,000	\$216,000			
Airport Operations Center and Airfield Electrical Vault (Phase 3 Construction)	\$3,000,000	\$3,240,000			
Corporate Hangar 1	\$1,000,000	\$1,080,000			
Corporate Hangar 2	\$1,000,000	\$1,080,000			
Hold Bay Extension (Design & Const.)	\$240,000	\$259,200			
Mill & Resurface, MITL Replacement Taxiway C (Design & Const)	\$1,710,000	\$1,846,800			
Mill & Resurface, MITL Replacement Taxiway D (Design & Construct)	\$1,625,000	\$1,755,000			
PDC and MIRL Replacement 7-25 (Phase 1 and Phase 2 - Design 1)	\$1,225,000	\$1,323,000			
Property Acquisition	\$2,500,000	\$2,700,000			
Rehabilitation of MC Non-Movement Areas Phase IV - Taxilane B (Const)	\$1,000,000	\$1,080,000			
Replace PAPIs on 12-30 with LED Units (Design & Construct)	\$100,000	\$108,000			
Sun Shade Hangars	\$500,000	\$540,000			
Tractor Equipment	\$100,000	\$108,000			
Air Traffic Control Tower Equipment Upgrade (Recorder and Radios ²)	\$200,000		\$250,000		
Construct Airport Interconnect Rd Flying Fortress Extension	\$1,850,000		\$2,312,500		
Rehabilitation of MC Non-Movement Areas Phase V (Design & Const)	\$1,000,000		\$1,250,000		
Tree Mitigation Project - RPZ and Part 77 (SE St. Lucie Canal)	\$120,000		\$150,000		
Total Airport Projects Cost	\$17,620,000	\$15,606,000	\$3,962,500		

Source: Draft Airport Future Funding Analysis, Martin County Aiport and Withan Field CIP, Feb. 28, 2020

Notes

Florida Department of Transportation (FDOT) funding share is limited to 80% of the proejct cost.

^{*} PDC - Present Day Cost

^{**} YOE - Year of Expenditure

¹ Phase 1 and Phase 2 design cost \$100K and \$1.25M respectively.

² Recorder and radios cost \$100K each.

Resiliency Projects

Martin in Motion, 2045 LRTP

Map ID	Facility	From	To	Project Description	Longth (miles)	Total Project Cost (PDC*)	Year of	Year of Expenditure (YOE**)		
wap iD	racility	FIOIII	То	Project Description	Length (miles)	Total Project Cost (PDC)	2026-2030	2031-2035	2036-2045	
V1	N Sewalls Point Road ¹	SR-A1A (NE Ocean Boulevard)	SE Palmer Street	To be determined	1.57	\$2,599,031	\$3,248,789	\$3,820,575	\$5,042,120	
V2	SE MacArthur Boulevard ²	SE South Marina Way	Approximately 1500 feet North	To be determined	0.28	-	-	-	-	

Notes

^{*} PDC - Present Day Cost

^{**} YOE - Year of Expenditure

¹ Project overlaps with non-motorized projects, segment IDs 61 and 239. Project cost are for non-motorized improvments.

² Roadway is eligible to received federal-aid funds. Funds could be available from Federal Emergency Relief Program (up to 80% of the project cost) in case of a natural disaster.