CHAPTER 7

Defining the 2040 Cost Feasible Plan

CHAPTER 7: Defining the 2040 Cost Feasible Plan

The Cost Feasible Plan reflects approximately \$889.7 million (YOE) of implementable projects. Improvements funded in the work program between 2015 and 2019 are considered committed.

Prior to identifying the Cost Feasible Plan, the amount of available funding must be estimated over the next 25 years to pay for the improvements. Nearly 45 percent of revenues that are anticipated to fund the projects included

in this plan are from local sources, while 55 percent are expected from federal and state sources. Nearly 84 percent of available revenues will be spent on highway expansion projects, and nearly six percent will be spent on maintaining what is in place already. Transit accounts for approximately five percent of the Cost Feasible Plan, and non-motorized modes and congestion management each account for approximately three percent. **Table 7-1** shows the Cost Feasible Plan summary.

Table 7-1: Cost Feasible Plan Summary (2019-2040)

Mode or Program	Total Cost (YOE)	Percent (Y0E)
Roads/Highways	\$758.9 M	83.9%
Road/Highway Maintenance	\$50.6 M	5.7%
Bicycle, Pedestrian, Multi-Use Trails1	\$22.4 M	2.5%
Congestion Management	\$25.7 M	2.9%
Transit (Capital)	\$7.3 M	0.8%
Transit (Operations)	\$37.5 M	4.2%
Total	\$889.7 M	100%
Revenue Source	Total Revenues (YOE)	Percent (YOE)
Federal and State Revenues ^{2,3}	\$439.8 M	47.2%
SIS/FIHS	\$76.5 M	8.2%
Local Revenues	\$415.3 M	44.6%
Total	\$931.6 M	100%
Composition of Local Revenues	Total Revenues (YOE)	Percent (YOE)
Impact Fees	\$20.5 M	4.9%
Infrastructure Surtax	\$90.9 M	21.9%
Gas Tax ³	\$256.8 M	61.8%
Local Transit	\$47.1 M	11.3%
Total	\$415.3 M	100%

¹ Arterial road projects include bicycle/pedestrian facilities; costs associated with road projects are not included in this total

² Does not include \$414.63 million for State Highway System O&M

³ Includes 15% set aside for resurfacing/maintenance projects (\$12.05 mil from state fuel taxes; \$38.53 mil from local fuel taxes)

If funding or revenues become available that were not initially anticipated, projects that were not included in the Cost Feasible Plan may be implemented. **Appendix** F includes additional information regarding the Cost Feasible Plan projects.

Road/Highway Projects

The Cost Feasible Plan includes \$496.1 million (PDC) or \$758.9 million (YOE) in highway expansion projects. Highlights of the proposed Cost Feasible highway projects include:

- Widen Burnt Store Road to four lanes between Zemel Road and Scham Road
- Widen I-75 to six lanes in central Charlotte County
- Widen SR 776 to six lanes from Wilmington Road to Murdock Circle
- Widen and realign Flamingo Road to four lanes
- Widen Harbor View Road to four lanes from Melbourne Street to I-75 to improve the connection from I-75 to Port Charlotte and Punta Gorda
- Widen Kings Highway to six lanes north of I-75 to DeSoto County
- Redesign Marion/Olympia Avenues in Punta Gorda to be a Complete Street with to two travel lanes, bicycle lanes, and wider sidewalks



Kings Highway at Veterans Boulevard

Figure 7-1 shows the Cost Feasible highway projects for 2019-2030, Figure 7-2 shows the Cost Feasible highway projects for 2031-2040, and Figure 7-3 shows all Cost Feasible highway projects for 2019-2040. Table 7-2 includes the Cost Feasible Projects through 2040. Figure 7-4 and Table 7-3 includes the Developer Funded Roads.

Unfunded Needs

The 2040 LRTP includes \$1.07 billion (PDC) or \$2.35 billion (YOE) in unfunded road needs. **Table 7-4** includes the unfunded road projects.

Transit Projects

The Cost Feasible Plan includes \$7.3 million (YOE) for transit capital (including vehicles and station amenities) and \$44.7 million (YOE) for operations and maintenance. This includes continued operations of the Dial-A-Ride service already in place, and provides for implementing Fixed Route transit service throughout the county. Projects were identified in the TDP completed in 2014 with frequencies of 120 minutes. Figure 7-5 shows the Cost Feasible transit projects. Tables 7-5 through 7-7 lists the Cost Feasible Transit Projects and Unfunded Transit Projects.



Downtown Punta Gorda

Bicycle, Pedestrian, and Multi-Use Trail **Facility Projects**

The Cost Feasible Plan includes \$14.6 million (PDC) or \$22.4 million (YOE) for bicycle, pedestrian, and multiuse trail facility projects. This total cost includes only projects identified separately from road projects, as those improvements are included in the total cost for highway projects.

Projects included in the Cost Feasible Plan will be prioritized on an annual basis. Figure 7-6 shows the Cost Feasible bicycle, pedestrian, and multi-use trail facility projects. Table 7-8 lists the Cost Feasible bicycle and pedestrian projects.

Intelligent Transportation System/ **Congestion Management Process Projects**

The Cost Feasible Plan includes \$16.5 million (PDC) or \$25.7 million (YOE) for implementing congestion management strategies on the top two corridors and top 10 intersections with the highest number of crashes. Specific projects for each corridor or intersection will be prioritized and selected through the Congestion Management Process (CMP) to be identified for funding in the TIP.

Also included in congestion management is the Charlotte County Advanced Traffic Management System (ATMS)/ ITS Implementation, a countywide effort to prepare an ITS Master Plan and design and implement improvements to the traffic signal system throughout the county. Figure 7-7 shows the two corridors and 10 intersections prioritized for congestion management strategies. Chapter 8 describes the CMP in greater detail. Table 7-9 lists the potential Cost Feasible CMP projects.









Examples of Congestion Management Strategies



Figure 7-1: Cost Feasible Plan Road Projects (2019-2030)

Charlotte County-Punta Gorda MPO 2040 LRTP

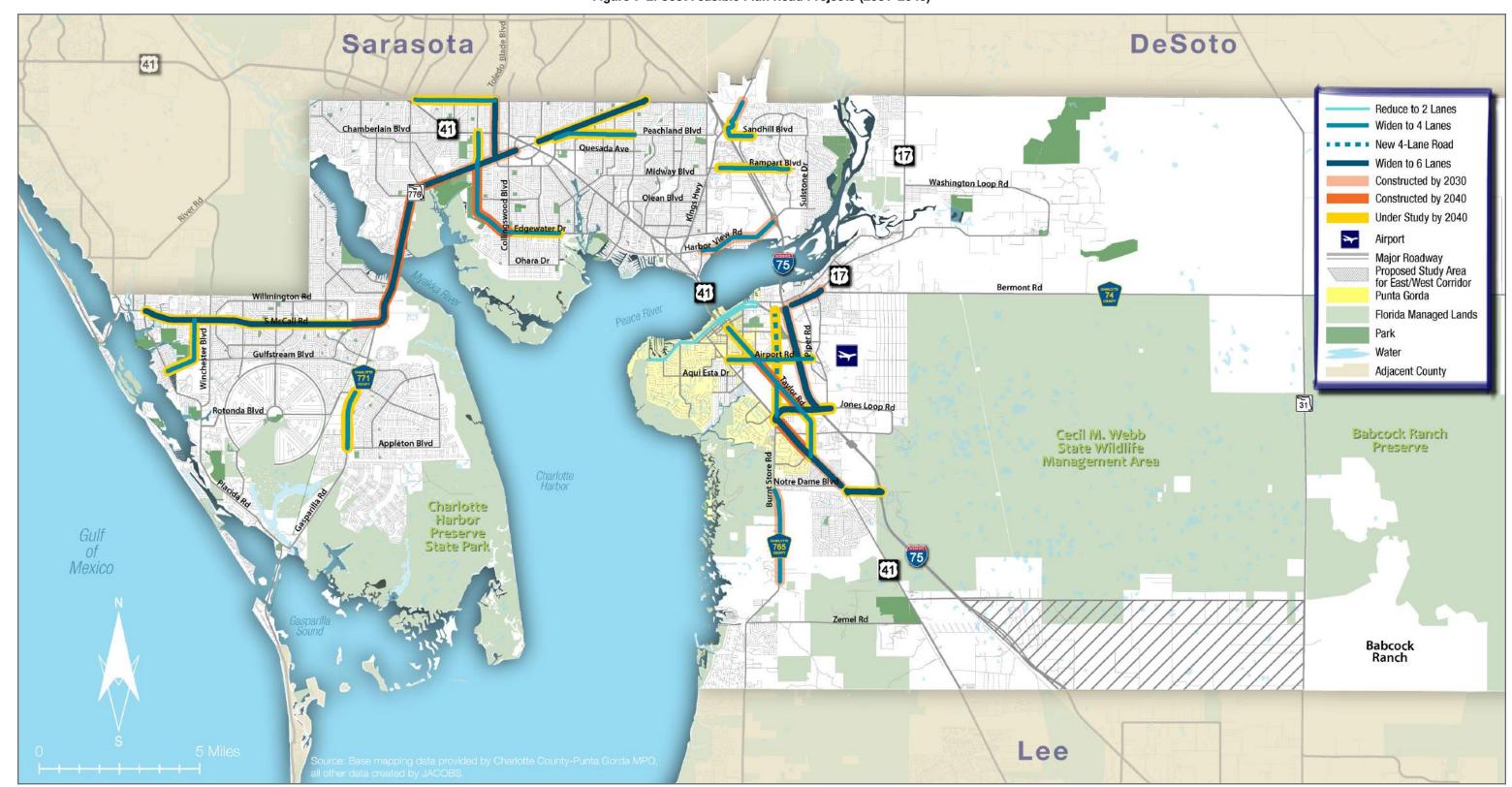


Figure 7-2: Cost Feasible Plan Road Projects (2031-2040)



DeSoto Sarasota Reduce to 2 Lanes Widen to 4 Lanes New 4-Lane Road 17 Widen to 6 Lanes Under Study but not Constructed by 2040 Washington Loop Rd Airport Major Roadway Proposed Study Area for East/West Corridor Punta Gorda Bermont Rd Florida Managed Lands Gulfstream Blvd Adjacent County 31 Jones Loop Rd Cecil M. Webb State Wildlife Management Area Babcock Ranch Appleton Blvd Preserve Charlotte Harbor Charlotte Harbor Gulf Preserve State Park of Mexico Babcock Ranch Lee

Figure 7-3: Cost Feasible Plan Road Projects (2019-2040)

Table 7-2: Cost Feasible Plan Road Projects

Costs presented in millions

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Facility	From	То	# of Existing	Project Length	Juris-	Area	Project Description	Revenue Source	Cost	201	19-202	20 (YOE)		2021-2025	YOE)		202	6-2030 (YO	Ξ)		2031-20	40 (YOE)
racility	FIOIII	10	Lanes	(Miles)	diction	Туре	Project Description	nevenue source	(PDC)	PD&E	PE	ROW CST	PD&E	PE RO	ow ca	ST PD8	ßE F	PE ROW	CST	PD&E	PE	ROW CST
Burnt Store Road	North of Zemel Road	Scham Road	2U	4.17	County	Urban	Roadway - Widening (2L to 4L)	County, Developer	\$41.77						\$53	.05						
Airport Road	US 41	Piper Road	2U	2.62	County	Urban	Roadway - Widening (2L to 4L)	County, Local	\$12.30											\$2.05	\$6.15	
Burnt Store Road	North Jones Loop	Taylor Road	2U	0.998	County	Urban	Roadway - Widening (2L to 4L)	TRIP, County	\$13.34											\$0.78	\$2.34	
Burnt Store Road Ext.	Taylor Road	Florida Street	00	2.116	County	Urban	Roadway - New Construction (4L)	County	\$6.28											\$2.45		
Toledo Blade (CR 39)	US 41 (W)	Hillsborough Boulevard	4D	0.995	County	Urban	Roadway - Widening (4L to 6L)	County, Developer	\$15.54	\$0.64							\$2	2.27 \$3.95	\$16.47			
Toledo Blade (CR 39)	SR 776	Whitney Avenue	2U	0.521	County	Urban	Roadway - Widening (2L to 4L)	County, Developer	\$6.26	\$0.30							\$1	1.08	\$7.83			
Toledo Blade (CR 39)	SR 776	Whitney Avenue	4U	0.521	County	Urban	Roadway - Widening (4L to 6L)	County, Developer	\$6.58									\$1.38	\$8.62			
Toledo Blade (CR 39)	Whitney Avenue	US 41 (W)	4D	0.249	County	Urban	Roadway - Widening (4L to 6L)	County, Developer	\$3.89	\$0.16							\$0).57 \$0.99	\$4.12			
CR 771	Appleton Boulevard	Rotonda Boulevard East	2U	1.75	County	Urban	Roadway - Widening (2L to 4L)	County, Developer	\$3.51											\$1.37	\$4.10	
Edgewater Drive	Jowett Street	Collingswood Blvd	2U	0.239	County	Urban	Roadway - Widening (2L to 4L)	County	\$4.91											\$0.20	\$0.60	\$3.87 \$4.92
Edgewater Drive	Collingswood Blvd	Pellam Blvd	2U	0.929	County	Urban	Roadway - Widening (2L to 4L)	County	\$2.16											\$0.73	\$2.18	\$0.63
Edgewater Drive	Pellam Boulevard	Midway Blvd	2U	0.614	County	Urban	Roadway - Widening (2L to 4L)	County	\$1.42											\$0.48	\$1.44	\$0.41
Flamingo Boulevard (Realignment)	Edgewater Drive	Como Street	0	0.557	County	Urban	Roadway - New Construction (4L)	County	\$10.21									\$3.24				\$15.79
Flamingo Boulevard	Como Street	Wintergarden Avenue	2U	0.832	County	Urban	Roadway - Widening (2L to 4L)	County	\$8.33													\$15.92
Flamingo Boulevard	Wintergarden Avenue	SR 776	2U	1.041	County	Urban	Roadway - Widening (2L to 4L)	County	\$14.06													\$7.73 \$19.92
Flamingo Boulevard	SR 776	US 41	2U	0.98	County	Urban	Roadway - Widening (2L to 4L)	County	\$1.96											\$0.77	\$2.30	
Harbor View Road	Melbourne Street	Date Street	2U	1.12	County	Urban	Roadway - Widening (2L to 4L)	County, Developer, OA	\$14.77			\$4.17			\$14	.25						
Harbor View Road	Date Street	Purdy Drive	2U	0.666	County	Urban	Roadway - Widening (2L to 4L)	County, Developer, OA	\$8.78			\$2.48			\$8.	47						
Harbor View Road	Purdy Drive	I-75	2U	0.8209	County	Urban	Roadway - Widening (2L to 4L)	County, Developer, OA	\$10.82			\$3.06							\$12.33			
Hillsborough Boulevard	South Cranberry Boulevard	Toledo Blade Boulevard	2U	2.45	County	Urban	Roadway - Widening (2L to 4L)	County	\$4.91											\$1.92	\$5.75	
I-75	North Jones Loop	US 17	4D	3.3	State	Urban	Interstate - Widening (4L to 6L)	SIS	\$56.00					\$0.17	\$71	.12						
North Jones Loop Road	Burnt Store Road	Piper Road	4D	1.8	County	Urban	Roadway - Widening (4L to 6L)	County	\$5.83					\$3.63				\$4.76				
Kings Highway	North of Sandhill Boulevard	Desoto County Line	2U	0.5	County	Urban	Roadway - Widening (2L to 4L)	County	\$5.01			\$5.7 ⁻										
West Marion Avenue	Hibiscus Drive	Bal Harbor Boulevard	4D	0.926	County	Urban	Road Diet (4L to 2L)	Local	\$0.51				\$0.10	\$0.29					\$2.37			
West Marion Avenue	Bal Harbor Boulevard	West Henry Street	4U	0.425	County	Urban	Road Diet (4L to 2L)	Local	\$0.24				\$0.04	\$0.14					\$1.09			
East Marion Avenue	US 41	Marlympia Way	30	1.422	County	Urban	Road Diet (3L to 2L)	Local	\$0.79				\$0.15	\$0.44					\$3.64			
East Olympia Avenue	US 41	Marlympia Way	30	1.32	County	Urban	Road Diet (3L to 2L)	Local	\$2.70				\$0.14	\$0.41					\$3.38			
Peachland Boulevard	Cochran Boulevard	Harbor Boulevard	2U	2.47	County	Urban	Roadway - Widening (2L to 4L)	County	\$4.95											\$1.93	\$5.79	
Rampart Boulevard	West of I-75	Rio De Janeiro Avenue	2U	1.75	County	Urban	Roadway - Widening (2L to 4L)	County	\$3.51											\$1.37	\$4.10	

Table 7-2: Cost Feasible Plan Road Projects (cont.)

Costs presented in millions

Estable.	E	T.	# of	Project	Juris-	Area	Desired Description	Davis Carrier	Cost	2	2019-202	0 (YOE))		2021-2025 ((YOE)			2026-20	030 (YOE)		2031-2	2040 (YOE)
Facility	From	То	Existing Lanes	Length (Miles)	diction	Туре	Project Description	Revenue Source	(PDC)	PD&E	PE	ROW	CST	PD&E	PE RO)W	CST	PD&E	PE	ROW	CST	PD&E PE	ROW CST
San Casa Drive	Placida Road	SR 776	2U	2.08	County	Urban	Roadway - Widening (2L to 4L)	County	\$4.17													\$1.63 \$4.88	,
Sandhill Boulevard	Kings Highway	Deep Creek Boulevard	2U	1.25	County	Urban	Roadway - Widening (2L to 4L)	County, Developer	\$2.20									\$0.76				\$2.58	,
SR 776	Crestview Drive	CR 775	4D	0.836	State	Urban	Roadway - Widening (4L to 6L)	OA	\$0.46													\$0.72 \$2.16	,
SR 776	CR 775	San Casa Drive	4D	1.557	State	Urban	Roadway - Widening (4L to 6L)	OA	\$0.86													\$1.34 \$4.02	1
SR 776	San Casa Drive	Oriole Boulevard	4D	0.194	State	Urban	Roadway - Widening (4L to 6L)	OA	\$0.11													\$0.17 \$0.50	,
SR 776	Oriole Boulevard	Winchester Boulevard	4D	0.303	State	Urban	Roadway - Widening (4L to 6L)	OA	\$0.17													\$0.26 \$0.78	,
SR 776	Winchester Boulevard	Wilmington Boulevard	4D	0.184	State	Urban	Roadway - Widening (4L to 6L)	OA	\$0.10													\$0.16 \$0.48	
SR 776	Wilmington Boulevard	Gulfstream Boulevard	4D	4.07	State	Urban	Roadway - Widening (4L to 6L)	OA	\$2.40													\$3.74	
SR 776	Gulfstream Boulevard	Myakka River Bridge	4D	2.48	State	Urban	Roadway - Widening (4L to 6L)	OA	\$35.08													\$2.28 \$6.85	\$55.8
SR 776	Bridge over Myakka River		4D	0.25	State	Urban	Bridge - Widening (4L to 6L)	OA	\$18.71									\$1.08				\$3.65	\$29.7
SR 776	Myakka River Bridge	Biscayne Drive	4D	2.97	State	Urban	Roadway - Widening (4L to 6L)	OA	\$39.33									\$2.26				\$7.67	\$62.6
SR 776	Biscayne Drive	Murdock Circle	4D	2.5	State	Urban	Roadway - Widening (4L to 6L)	OA	\$33.11					\$1.68	\$5.04					;	\$41.38		
Taylor Road	US 41 (Southern Terminus)	Jones Loop Road	2U	1.54	County	Urban	Roadway - Widening (2L to 4L)	County, Developer	\$0.77													\$1.20	
Taylor Road	Jones Loop Road	Airport Road	2U	2.03	County	Urban	Roadway - Widening (2L to 4L)	County, Developer	\$31.48					\$1.24					\$4.21				\$15.07 \$38.8
Taylor Road	Airport Road	US 41 (Northern Terminus)	2U	1.3	Punta Gorda	Urban	Roadway - Widening (2L to 4L)	County, Developer	\$0.65													\$1.02	
Tucker's Grade	US 41	I-75	4D	1.066	County	Urban	Roadway - Widening (4L to 6L)	County	\$2.35													\$0.92 \$2.75	,
US 17	Copley Avenue	Regent Road	4D	0.309	State	Urban	Roadway - Widening (4L to 6L)	TRIP, OA	\$4.37					\$0.22					\$0.75		\$5.46		
US 17	Regent Road	Golf Course Boulevard	4D	0.48	State	Urban	Roadway - Widening (4L to 6L)	TRIP, OA	\$6.79					\$0.34					\$1.17		\$8.49		
US 17	Golf Course Boulevard	CR 74	4D	0.193	State	Urban	Roadway - Widening (4L to 6L)	TRIP, OA	\$2.73					\$0.14					\$0.47		\$3.41		
US 41	Notre Dame Boulevard	Taylor Road	4D	1.305	State	Urban	Roadway - Widening (4L to 6L)	OA	\$18.46					\$0.94					\$3.18		\$23.08		
US 41	Taylor Road	Burnt Store Road	4D	1.59	State	Urban	Roadway - Widening (4L to 6L)	OA	\$18.46					\$0.94					\$3.18				\$29.3
Veterans Boulevard	Murdock Circle East	Cochran Boulevard	4D	0.489	County	Urban	Roadway - Widening (4L to 6L)	County	\$0.29													\$0.45	
Veterans Boulevard	Cochran Boulevard	Atwater Street	4D	1.377	County	Urban	Roadway - Widening (4L to 6L)	County	\$0.81													\$1.27	
Veterans Boulevard	Atwater Street	Yorkshire Street	4D	0.658	County	Urban	Roadway - Widening (4L to 6L)	County	\$0.39													\$0.61	
Veterans Boulevard	Yorkshire Street	Hillsborough Boulevard	4D	0.967	County	Urban	Roadway - Widening (4L to 6L)	County	\$0.57													\$0.89	
roject Phases					Re	evenue S	<u>ources</u>	Total	\$496.17		\$16.	53			\$162.9	5			\$17	6.98		\$4	02.48

PD&E: Project Development and Environment

PE: Project Engineering and Design

ROW: Right-of-way Acquisition **CST**: Project Construction

OA: Obligation Authority

SIS: Strategic Intermodal System

TRIP: Transportation Regional Incentive Program

Notes Costs presented in millions in Present Day Costs (PDC) and Year of Expenditure (YOE)

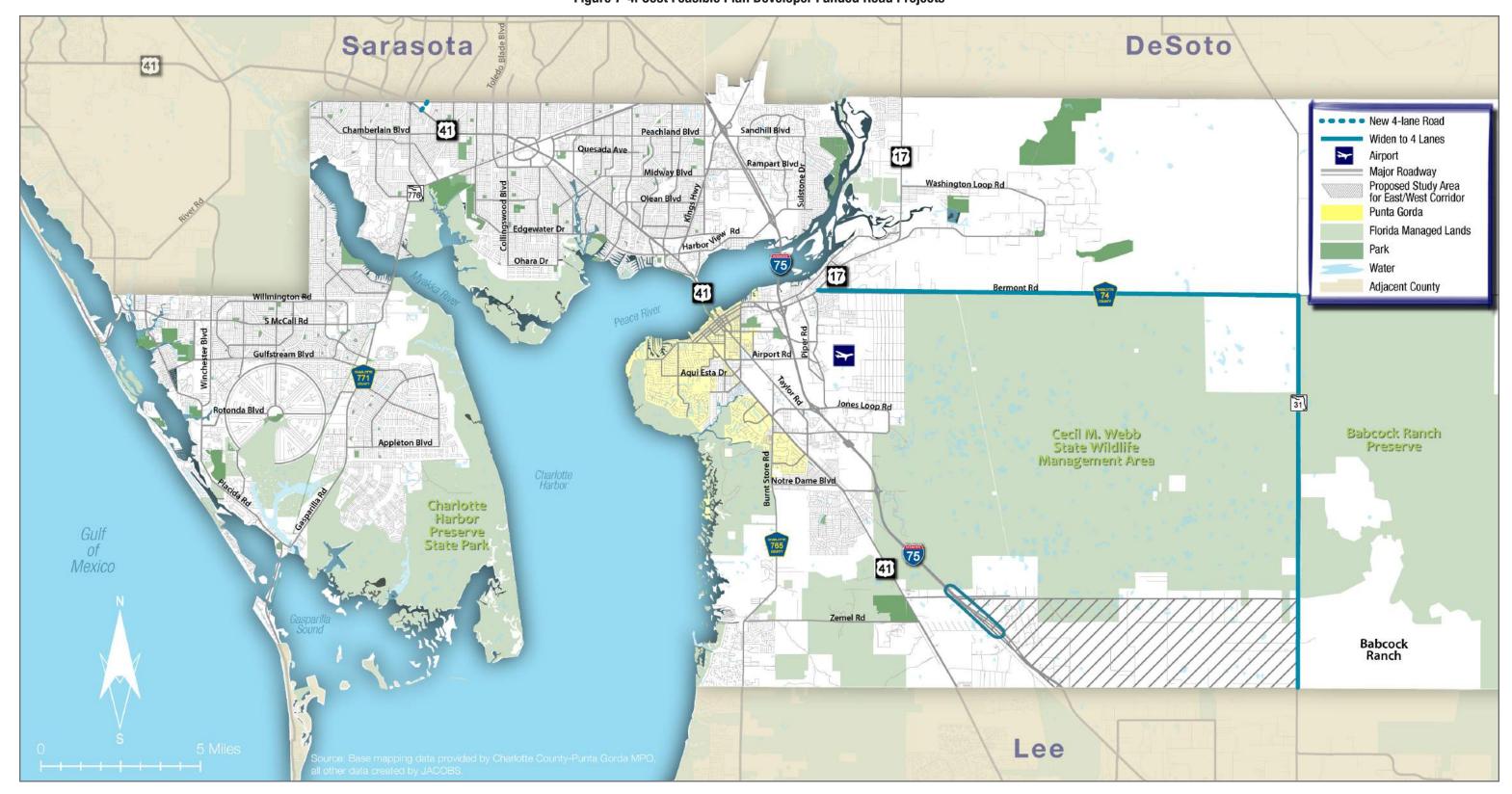


Figure 7-4: Cost Feasible Plan Developer Funded Road Projects

Table 7-3: Cost Feasible Plan Developer Funded Road Projects

			# of	Project	la contra	A			Cost	(PDC)	
Facility	From	То	Existing Lanes	Length (Miles)	Juris- diction	Area Type	Project Type	PD&E	PE	ROW	CST
CR 74	US 17	Strasse Boulevard	2U	2.673	County	Urban	Roadway - Widening (2L to 4L)	\$1.34	\$4.02	\$13.34	\$26.78
CR 74	Strasse Boulevard	SR 31	2U	12.17	County	Rural	Roadway - Widening (2L to 4L)	\$5.11	\$15.32	\$26.73	\$102.15
SR 31	Lee County Line	North of Cook Brown Road	2U	2.1	County	Rural	Roadway - Widening (2L to 4L)	\$0.88	\$2.64	\$4.04	\$17.63
SR 31	North of Cook Brown Road	CR 74	2U	9.97	County	Rural	Roadway - Widening (2L to 4L)	\$4.18	\$12.55	\$19.16	\$83.69
I-75	at Cook Brown Ro	ad or Oil Well Road			State	Urban	Interchange	\$3.78	\$11.33	\$9.80	\$75.55
Dahlgren Avenue Ext.	US 41	Hillsborough Boulevard	0	0.3	County	Urban	Roadway - New Construction (2L)	\$0.16	\$0.48	\$2.66	\$3.18
Project Phases							Total		\$440	6.50	

Project Phases

PD&E: Project Development and Environment
PE: Project Engineering and Design
ROW: Right-of-way Acquisition
CST: Project Construction

<u>Note</u>

Costs presented in millions in Present Day Costs (PDC)

Table 7-4: Unfunded Needs Roads Projects

Facility	From	То	# of Existing	Project Length	Jurisdiction	Area	Project Description	Revenue		Costs, in m	illions (PDC)		Cost, in millions (YOE)
racility	FIOIII	10	Lanes	(Miles)	Julisulction	Туре	Froject Description	Source	PD&E	PE	ROW	CST	Unfunded Needs
Airport Road	US 41	Piper Road	2U	2.62	County	Urban	Roadway - Widening (2L to 4L)	Multiple	Funded	Funded	\$7.06	\$26.25	\$76.11
Burnt Store Road	North Jones Loop	Taylor Road	2U	0.998	County	Urban	Roadway - Widening (2L to 4L)	Multiple	Funded	Funded	\$1.34	\$10.00	\$25.84
Burnt Store Road Extension	Taylor Road	Florida Street	00	2.116	County	Urban	Roadway - New Construction (6L)	Multiple	Funded	\$4.71	\$34.19	\$31.40	\$160.12
Burnt Store Road Extension*	Taylor Road	Florida Street	4D	2.116	County	Urban	Roadway - Widening (4L to 6L)	Multiple	\$1.17	\$3.50	\$10.06	\$23.35	\$85.23
Burnt Store Road	Scham Road	US 41	4D	2.44	County	Urban	Roadway - Widening (4L to 6L)	Multiple	\$1.35	\$4.04	\$5.80	\$26.93	\$84.70
Burnt Store Road	North Jones Loop	Taylor Road	4D	1.74	County	Urban	Roadway - Widening (4L to 6L)	Multiple	\$0.96	\$2.88	\$4.13	\$19.20	\$60.40
Burnt Store Road	Zemel Road	Scham Road	4D	4.5	County	Urban	Roadway - Widening (4L to 6L)	Multiple	\$2.48	\$7.45	\$10.69	\$49.66	\$156.20
CR 771	Appleton Boulevard	Rotonda Boulevard East	2U	1.75	County	Urban	Roadway - Widening (2L to 4L)	Multiple	Funded	Funded	\$0	\$17.53	\$39.79
Edgewater Drive	Collingswood Boulevard	Pellam Boulevard	2U	0.929	County	Urban	Roadway - Widening (2L to 4L)	Multiple	Funded	Funded	Funded	\$9.31	\$21.12
Edgewater Drive	Pellam Boulevard	Midway Boulevard	2U	0.614	County	Urban	Roadway - Widening (2L to 4L)	Multiple	Funded	Funded	Funded	\$6.15	\$13.96
Flamingo Boulevard	SR 776	US 41	2U	0.98	County	Urban	Roadway - Widening (2L to 4L)	Multiple	Funded	Funded	\$3.42	\$9.82	\$30.29
Grove Boulevard	North Jones Loop	CR 74	2U	3.592	County	Urban	Roadway - Widening (2L to 4L)	Multiple	\$1.80	\$5.40	\$12.52	\$35.98	\$124.34
Grove Boulevard Extension	CR 74	US 17	0	1.293	County	Urban	Roadway - New Construction	Multiple	\$1.96	\$2.88	\$20.89	\$19.19	\$99.62
Harbor Boulevard Extension	Veterans Boulevard	Hillsborough Boulevard	0	0.1	County	Urban	Roadway - New Construction (2L)	Multiple	\$0.05	\$0.16	\$0.89	\$1.06	\$4.88
Harbor View Road	East of I-75	Rio De Janeiro Avenue	2U	0.474	County	Urban	Roadway - Widening (2L to 4L)	Multiple	\$0.24	\$0.71	\$1.50	\$4.75	\$16.06
Henry Street	Golf Course Boulevard	Grove Boulevard	0	2.452	City of Punta Gorda	Urban	Roadway - New Construction (2L)	Multiple	\$1.30	\$3.90	\$10.88	\$25.98	\$35.11
Hillsborough Boulevard	South Cranberry Boulevard	Toledo Blade Boulevard	2U	2.45	County	Urban	Roadway - Widening (2L to 4L)	Multiple	Funded	Funded	\$8.54	\$24.54	\$75.72
I-75	at Yorks	hire Street	N/A	N/A	State	Urban	Interchange	Multiple	\$3.78	\$11.33	\$9.80	\$75.55	\$222.47
Loveland Boulevard	Westchester Boulevard	Kings Highway	2U	1.46	County	Urban	Roadway - Widening (2L to 4L)	Multiple	\$0.73	\$2.19	\$5.09	\$14.63	\$50.54
Loveland Boulevard	Kings Highway	Veterans Boulevard	2U	2.3	County	Urban	Roadway - Widening (2L to 4L)	Multiple	\$1.15	\$3.46	\$8.02	\$23.04	\$79.62
North Jones Loop	Burnt Store Road	Piper Road	4D	1.8	County	Urban	Roadway - Widening (4L to 6L)	Multiple	Funded	Funded	Funded	\$19.86	\$45.09
Peachland Boulevard	Harbor Boulevard	Cochran Boulevard	2U	2.47	County	Urban	Roadway - Widening (2L to 4L)	Multiple	Funded	Funded	\$8.61	\$24.74	\$76.34
Prineville Street	Paulson Drive	Sarasota County Line	2U	1.25	County	Urban	Roadway - Widening (2L to 4L)	Multiple	\$0.63	\$1.88	\$4.36	\$12.52	\$43.24

^{*} PD&E Study funded for new 4-lane road; widening to 6 lanes is considered a separate project

Table 7-4: Unfunded Needs Roads Projects (cont.)

Facility	From	То	# of Existing	Project Length	Jurisdiction	Area Type	Project Description	Revenue		Costs, in mi	llions (PDC)		Cost, in millions (YOE)
1 dollity	110		Lanes	(Miles)	Carloaionon	Туре	Trojout Boodiipuoli	Source	PD&E	PE	ROW	CST	Unfunded Needs
Rampart Boulevard	West of I-75	Rio De Janeiro Avenue	2U	1.75	County	Urban	Roadway - Widening (2L to 4L)	Multiple	Funded	Funded	\$3.05	\$17.53	\$46.94
Quesada Avenue	Cochran Boulevard	Harbor Boulevard	2U	2.42	County	Urban	Roadway - Widening (2L to 4L)	Multiple	\$1.21	\$3.64	\$8.43	\$24.24	\$83.78
San Casa Drive	Placida Road	SR 776	2U	2.08	County	Urban	Roadway - Widening (2L to 4L)	Multiple	Funded	Funded	\$7.25	\$20.84	\$64.28
Sandhill Boulevard	Kings Highway	Deep Creek Boulevard	2U	1.25	County	Urban	Roadway - Widening (2L to 4L)	Multiple	Funded	Funded	\$0	\$11.02	\$25.01
SR 776	Crestview Drive	CR 775	4D	0.836	County	Urban	Roadway - Widening (4L to 6L)	Multiple	Funded	\$1.38	\$2.38	\$9.23	\$29.09
SR 776	CR 775	San Casa Drive	4D	1.557	County	Urban	Roadway - Widening (4L to 6L)	Multiple	Funded	\$2.58	\$2.47	\$17.18	\$49.56
SR 776	San Casa Drive	Oriole Boulevard	4D	0.194	County	Urban	Roadway - Widening (4L to 6L)	Multiple	Funded	\$0.32	\$0.31	\$2.14	\$6.18
SR 776	Oriole Boulevard	Winchester Boulevard	4D	0.303	County	Urban	Roadway - Widening (4L to 6L)	Multiple	Funded	\$0.50	\$0.48	\$3.34	\$9.65
SR 776	Winchester Boulevard	Wilmington Boulevard	4D	0.184	County	Urban	Roadway - Widening (4L to 6L)	Multiple	Funded	\$0.30	\$0	\$2.03	\$5.17
SR 776	Wilmington Boulevard	Gulfstream Boulevard	4D	4.07	County	Urban	Roadway - Widening (4L to 6L)	Multiple	Funded	\$7.20	\$0	\$47.98	\$122.25
Taylor Road	US 41 (southern terminus)	Jones Loop Road	2U	1.54	County	Urban	Roadway - Widening (2L to 4L)	Multiple	Funded	\$2.31	\$5.37	\$15.43	\$51.88
Taylor Road	Airport Road	US 41 (northern terminus)	2U	1.3	Punta Gorda	Urban	Roadway - Widening (2L to 4L)	Multiple	Funded	\$1.95	\$4.53	\$13.02	\$43.80
Tucker's Grade	US 41	I-75	4D	1.066	County	Urban	Roadway - Widening (4L to 6L)	Multiple	Funded	Funded	\$0	\$11.76	\$26.71
US 41	Peace River Bridg	e (Capacity Expansion)	4D	1.47	State	Urban	Roadway - Widening (4L to 6L)	Multiple	\$0.81	\$2.43	\$0	\$16.22	\$42.84
Veterans Boulevard	Murdock Circle East	Cochran Boulevard	4D	0.489	County	Urban	Roadway - Widening (4L to 6L)	Multiple	Funded	\$0.86	\$0.93	\$5.76	\$16.87
Veterans Boulevard	Cochran Boulevard	Atwater Street	4D	1.377	County	Urban	Roadway - Widening (4L to 6L)	Multiple	Funded	\$2.43	\$2.62	\$16.23	\$47.50
Veterans Boulevard	Atwater Street	Yorkshire Street	4D	0.658	County	Urban	Roadway - Widening (4L to 6L)	Multiple	Funded	\$1.16	\$0	\$7.76	\$19.76
Veterans Boulevard	Yorkshire Street	Hillsborough Boulevard	4D	0.967	County	Urban	Roadway - Widening (4L to 6L)	Multiple	Funded	\$1.71	\$0	\$11.40	\$29.05
						_		Total		\$1,07	3.02		\$2,347.11

Project Phases

PD&E: Project Development and Environment ROW: Right-of-way Acquisition **PE**: Project Engineering and Design **CST**: Project Construction

Costs presented in millions in Present Day Costs (PDC) and Year of Expenditure (YOE)

DeSoto Sarasota Route A North Port-Punta Gorda Connector Peachland Blvd Sandhill Blvd Route B Englewood Beach Hopper 17 Route C Lake Suzy Punta Gorda Connector Rampart Blvd Washington Loop Rd Proposed Transit Zone Englewood Port Charlotte West Edgewater Port Charlotte East Ohara Dr Punta Gorda Bermont Rd Proposed Study Area for East/West Corridor Airport Major Roadway Gulfstream Blvd Punta Gorda Aqui Esta Dr Florida Managed Lands 31) Park Jones Loop Rd Rotonda Blvd Cecil M. Webb State Wildlife Management Area Adjacent County Appleton Blvd Notre Dame Blvd Gulf Charlotte Harbor of Babcock Ranch Preserve Mexico Preserve State Park Babcock Ranch Lee

Figure 7-5: Cost Feasible Plan Transit Projects

Cost, in millions

Table 7-5: Cost Feasible Plan Transit Projects - Cost Feasible and Unfunded Transit Operations and Maintenance

Route	Route Description	Jurisdiction	Mode	Service Type	Headways	Hours of Operation	Cost per Revenue	lotal Annual Revenue	Funded?	Revenue Source	Annual Project Cost, in		Cost, in mi	llions (YOE)		(Y0E)
						·	Hour	Hours			millions (PDC)	2019-2020	2021-2025	2026-2030	2031-2040	Total Unfunded Need
Route A	North Port - Punta Gorda Connector	County	Bus	New Bus Route	120 Minutes	6am to 6pm	\$62	3060	Υ	Multiple Sources	\$0.19				\$1.46	
Route B	Englewood Beach Hopper	County	Bus	New Bus Route	120 Minutes	6am to 6pm	\$62	5100	Υ	Multiple Sources	\$0.31				\$2.43	
Route C	Lake Suzy - Punta Gorda Connector	County	Bus	New Bus Route	120 Minutes	6am to 6pm	\$62	3060	Υ	Multiple Sources	\$0.19				\$1.46	
Flex Zone 1	Englewood	County	Bus	New Bus Route	120 Minutes	6am to 6pm	\$62	3060	Υ	Multiple Sources	\$0.19				\$1.46	
Flex Zone 2	Port Charlotte West	County	Bus	New Bus Route	120 Minutes	6am to 6pm	\$62	3060	Υ	Multiple Sources	\$0.19				\$1.46	
Flex Zone 3	Port Charlotte East	County	Bus	New Bus Route	120 Minutes	6am to 6pm	\$62	3060	Υ	Multiple Sources	\$0.19				\$1.46	
Flex Zone 4	Punta Gorda	County	Bus	New Bus Route	120 Minutes	6am to 6pm	\$62	3060	Υ	Multiple Sources	\$0.19				\$1.46	
Dial-A-Ride Weekday	Existing Dial-A-Ride Service	County	Bus	Existing Bus Route		6am to 6pm	\$58	30276	Υ	Multiple Sources	\$1.74	\$2.02	\$10.59	\$11.96		
Dial-A-Ride Weekend	Existing Dial-A-Ride Service	County	Bus	Existing Bus Route		9am to 6pm (weekends)	\$58	3936	Υ	Multiple Sources	\$0.23				\$1.75	
											Total	\$2.02	\$10.59	\$11.96	\$12.92	
Unfunded Needs																
Route A	North Port - Punta Gorda Connector	County	Bus	New Bus Route	60 Minutes	6am to 6pm	\$62	6120	N	Multiple Sources	\$0.38	Not Funded	Not Funded	Not Funded	Not Funded	\$2.91
Route B	Englewood Beach Hopper	County	Bus	New Bus Route	60 Minutes	6am to 6pm	\$62	10200	N	Multiple Sources	\$0.63	Not Funded	Not Funded	Not Funded	Not Funded	\$4.86
Route C	Lake Suzy - Punta Gorda Connector	County	Bus	New Bus Route	60 Minutes	6am to 6pm	\$62	6120	N	Multiple Sources	\$0.38	Not Funded	Not Funded	Not Funded	Not Funded	\$2.91
Route D	North Port - Fort Myers Express	County	Bus	New Bus Route	120 Minutes	6am to 6pm	\$62	2186	N	Multiple Sources	\$0.14	Not Funded	Not Funded	Not Funded	Not Funded	\$1.05
Flex Zone 1	Englewood	County	Bus	New Bus Route	60 Minutes	6am to 6pm	\$62	6120	N	Multiple Sources	\$0.38	Not Funded	Not Funded	Not Funded	Not Funded	\$2.91
Flex Zone 2	Port Charlotte West	County	Bus	New Bus Route	60 Minutes	6am to 6pm	\$62	6120	N	Multiple Sources	\$0.38	Not Funded	Not Funded	Not Funded	Not Funded	\$2.91
Flex Zone 3	Port Charlotte East	County	Bus	New Bus Route	60 Minutes	6am to 6pm	\$62	6120	N	Multiple Sources	\$0.38	Not Funded	Not Funded	Not Funded	Not Funded	\$2.91
Flex Zone 4	Punta Gorda	County	Bus	New Bus Route	60 Minutes	6am to 6pm	\$62	6120	N	Multiple Sources	\$0.38	Not Funded	Not Funded	Not Funded	Not Funded	\$2.91
										•	Total					\$23.38
Project Phases											13141					Ψ20.00

PD&E: Project Development and Environment **PE**: Project Engineering and Design

ROW: Right-of-way Acquisition **CST**: Project Construction

<u>Note</u>

Costs presented in Year of Expenditure (YOE)

Table 7-6: Cost Feasible Plan Transit Projects - Cost Feasible and Unfunded Transit Fleet

Vehicle Type	Unit Cost	Number of Units	Total Project Cost,	Revenue		Cost, in mil	lions (YOE)		Cost, in millions (YOE)
vernote type	Offit Goot	Number of office	in millions (PDC)	Source	2019-2020	2021-2025	2026-2030	2031-2040	Unfunded Needs
Small Cutaway Bus w/Wheelchair Lift	\$60,000	1	\$0.06	Section 5307	\$0.07				
31' and 34' Medium Duty 26,500 - 34,000 GVW	\$180,000	2	\$0.36	Section 5307	\$0.42				
31' and 34' Medium Duty 26,500 - 34,000 GVW	\$180,000	4	\$0.72	Section 5307		\$0.87			
Small Cutaway Bus w/Wheelchair Lift	\$60,000	6	\$0.36	Section 5307		\$0.44			
Small Cutaway Bus w/Wheelchair Lift	\$60,000	7	\$0.42	Section 5307			\$0.58		
Small Cutaway Bus w/Wheelchair Lift	\$60,000	3	\$0.18	Section 5307			\$0.25		
Small Cutaway Bus w/Wheelchair Lift	\$60,000	5	\$0.3	Section 5307			\$0.41		
31' and 34' Medium Duty 26,500 - 34,000 GVW	\$180,000	6	\$1.08	Section 5307				\$1.67	
Small Cutaway Bus w/Wheelchair Lift	\$60,000	3	\$0.18	Section 5307				\$0.28	
Small Cutaway Bus w/Wheelchair Lift	\$60,000	3	\$0.18	Section 5307				\$0.28	
Small Cutaway Bus w/Wheelchair Lift	\$60,000	6	\$0.36	Section 5307				\$0.56	
Small Cutaway Bus w/Wheelchair Lift	\$60,000	5	\$0.3	Section 5307				\$0.46	
31' and 34' Medium Duty 26,500 - 34,000 GVW	\$180,000	8	\$1.44	Section 5307					\$2.64
				Total	\$0.49	\$1.31	\$1.23	\$3.25	\$2.64

Table 7-7: Cost Feasible Plan Transit Projects - Cost Feasible and Unfunded Transit Infrastructure Projects

E-379	During Toron	Decided Description	11-11-01	Number	Total Project	Revenue	20	019-202	0 (YOE)		2	021-20	25 (Y0E)	20	26-203	30 (YOE	E)	2	031-20	40 (YOE	E)	Cost (YOE)
Facility	Project Type	Project Description	Unit Cost	of Units	Cost, in millions (PDC)	Source	PD&E	PE	ROW	CST	PD&E	PE	ROW	CST	PD&E	PE	ROW	CST	PD&E	PE	ROW	CST	Unfunded Needs
Bus Shelters & Amenities	Station/Facility	Local Bus Stops - Shelters & Amenities	\$300,000	10	\$0.30	Section 5307																\$0.97	
Murdock Park & Ride	Station/Facility	Park & Ride - At Grade		1	\$4.22	Multiple																	\$11.17
Parkside Park & Ride	Station/Facility	Park & Ride - At Grade		1	\$4.22	Multiple																	\$11.17
I-75 & Kings Highway Park & Ride	Station/Facility	Park & Ride - At Grade		1	\$4.22	Multiple																	\$11.17
Englewood Library Park & Ride	Station/Facility	Park & Ride - At Grade		1	\$4.22	Multiple																	\$11.17
West Englewood Park & Ride	Station/Facility	Park & Ride - At Grade		1	\$4.22	Multiple																	\$11.17
New Medical Area (Punta Gorda) Park & Ride	Station/Facility	Park & Ride - At Grade		1	\$4.22	Multiple																	\$11.17
Project Phases						Total														\$0.	97		\$67.02

PD&E: Project Development and Environment PE: Project Engineering and Design

ROW: Right-of-way Acquisition **CST**: Project Construction

Note Costs presented in Year of Expenditure (YOE)



Figure 7-6: Cost Feasible Plan Bicycle, Pedestrian, and Multi-Use Trail Facilities

Charlotte County-Punta Gorda MPO 2040 LRTP

Table 7-8: Cost Feasible Plan Bicycle, Pedestrian, and Multi-Use Trail Facilities

Facility	F	т.	Project	Juris-	Area	Dusing t Time	Duniant Description	Davisson Carrier	20	019-20	20 (YOE))	2	2021-20	25 (YOE)		202	26-2030) (YOE)		2	031-204	10 (Y0E)
Facility	From	То	Project Length (Miles)	diction	Type	Project Type	Project Description	Revenue Source	PD&E	PE	ROW	CST	PD&E	PE	ROW CS	r PC)&E	PE	ROW	CST	PD&E	PE	ROW CST
Airport Road	Taylor Road	Piper Road	1.7	County	Urban	Bicycle/Pedestrian Facilities	Shared Use Path (10')	Multiple Sources					\$0.05	\$0.15	\$1.)5							
CR 771 (Gasparilla Road)	Rotonda Boulevard E	Appleton Boulevard	1.8	County	Urban	Bicycle/Pedestrian Facilities	Shared Use Path (10')	Multiple Sources					\$0.05	\$0.15	\$1.)6							
Edgewater Drive	Flamingo Boulevard	Midway Boulevard	2.2	County	Urban	Bicycle/Pedestrian Facilities	Shared Use Path (10')	Multiple Sources					\$0.06	\$0.19	\$1.	80							
Midway Blvd	Ohara Drive	Victoria Avenue	1.6	County	Urban	Bicycle/Pedestrian Facilities	Shared Use Path (10')	Multiple Sources					\$0.05	\$0.14	\$0.)6							
Olean Blvd	Beacon Drive	Loveland Boulevard	1.1	County	Urban	Bicycle/Pedestrian Facilities	Shared Use Path (10')	Multiple Sources													\$0.04	\$0.12	\$0.99
Peachland Blvd	Cochran Boulevard	Harbor Boulevard	2.5	County	Urban	Bicycle/Pedestrian Facilities	Shared Use Path (10')	Multiple Sources													\$0.09	\$0.27	\$2.23
Taylor Road	US 41 (South End)	N. Jones Loop Road	1.6	County	Urban	Bicycle/Pedestrian Facilities	Shared Use Path (10')	Multiple Sources													\$0.06	\$0.17	\$1.41
Taylor Road*	N Jones Loop Road	Airport Road	2.0	County	Urban	Bicycle/Pedestrian Facilities	Shared Use Path (10')	Multiple Sources													\$0.08	\$0.23	\$1.84
Taylor Road	Airport Road	US 41 (North End)	1.3	County	Urban	Bicycle/Pedestrian Facilities	Shared Use Path (10')	Multiple Sources													\$0.05	\$0.15	\$1.19
US 41	Notre Dame Boulevard	Burnt Store Road	2.9	State	Urban	Bicycle/Pedestrian Facilities	Shared Use Path (10')	Multiple Sources					\$0.08				\$	0.28	;	\$2.06			
East Side of US 41	Peace River Bridge	Enterprise Drive	7.0	State	Urban	Bicycle/Pedestrian Facilities	Shared Use Path (10')	Multiple Sources					\$0.20				\$	0.69	;	\$4.99			
Project Phases								Total						\$5.	48			\$8.0	2			\$8.9	91

Project Phases

PD&E: Project Development and Environment **ROW**: Right-of-way Acquisition **PE**: Project Engineering and Design **CST**: Project Construction

<u>Notes</u>

- 1. Costs presented in millions in Year of Expenditure (YOE)
- 2. It is assumed that cost feasible projects will include bicycle and pedestrian improvements when they are constructed, as appropriate
- 3. The multi-use trails projects listed in this table may be constructed before, after, or as a component of road construction projects
- 4. Further detail regarding funded/unfunded biyccle and pedestrian projects should be determined through development of the county's Bicycle and Pedestrian Master Plan

^{*}Project coincides with Cost Feasible roadway project

DeSoto Sarasota Intersections for CMP Strategies 1. US 41 and Cochran Blvd 2. US 41 and Midway Blvd 3. US 41 and Olean Blvd 41 4. US 41 and Conway Blvd Proposed Intersection for CMP Strategies 5. US 41 and W Olympia Ave Quesada Ave 17 Proposed Corridor for 6. US 41 and Toledo Blade Blvd CMP Strategies 7. US 41 and Harbor Blvd Washington Loop Rd Proposed Study Area for East/West Corridor 8. US 41 and Easy St * 9. US 41 and Port Charlotte Blvd Airport 10. US 41 and Murdock Cir Major Roadway Punta Gorda Ohara Dr Florida Managed Lands Bermont Rd Park Adjacent County Gulfstream Blvd Aqui Esta Dr 31 Jones Loop Rd Cecil M. Webb State Wildlife Babcock Ranch Appleton Blvd Preserve Management Area Notre Dame Blvd Gulf Charlotte Harbor Preserve Mexico State Park Charlotte Harbor Babcock Ranch Lee

Figure 7-7: Cost Feasible Plan Congestion Management Projects

Charlotte County-Punta Gorda MPO 2040 LRTP

Table 7-9: Cost Feasible Plan Congestion Management Projects

Bullet	Ported Torr	Feetings.		Cost, in mi	llions (YOE)	
Project	Project Type	Facilities	2019-2020	2021-2025	2026-2030	2031-2040
Charlotte County Advanced Traffic Management System ITS	Charlotte County Advanced Traffic Management System (ATMS) ITS implementation	Countywide	Committed	\$3.18		
	Corridor Improvements	US 41 SR 776				
Congestion Management Projects	Intersection Improvements	1. US 41 and Cochran Boulevard 2. US 41 and Midway Boulevard 3. US 41 and Olean Boulevard 4. US 41 and Conway Boulevard 5. US 41 and W Olympia Avenue 6. US 41 and Toledo Blade Boulevard 7. US 41 and Harbor Boulevard 8. US 41 and Easy Street 9. US 41 and Port Charlotte Boulevard 10. US 41 and Murdock Circle		\$5.08	\$6.00	\$11.46
Notes		Total		\$8.26	\$6.00	\$11.46

<u>Notes</u>

Costs presented in millions in Year of Expenditure (YOE)