



P.O. Box 150045, Cape Coral, Florida 33915-0045 • (239) 244-2220 • www.leemppo.com

The Lee County Metropolitan Planning Organization (MPO) will hold a public hearing on June 18, 2021 at 9:00 a.m., at the Lee County Administration East Building located at 2201 Second Street in Room 118, to consider an amendment to the 2045 Long Range Transportation Plan (LRTP) to add a project for the construction of a sidewalk to the US 41 Caloosahatchee Bridge. An additional LRTP amendment will also be considered to add the capital purchase of technology equipment for LeeTran to be used for bus communication in conjunction with the current US 41 Florida Regional Advanced Mobility Elements (FRAME) project. The MPO's Long Range Transportation Plan identifies the cost feasible projects for roads, transit and bicycle/pedestrian improvements through the year 2045. The proposed changes to the 2045 Cost Feasible Plan pages are attached.

Hard copies of the documents are available by contacting the MPO offices at 239-244-2220. Written comments may be submitted by e-mail to dscott@leemppo.com, faxed to (239)-790-2695 or mailed to P.O. Box 150045 Cape Coral, FL 33915-0045. Written comments received by the end of the business day on Thursday, June 17, 2021 will be presented to the MPO Board members on June 18, 2021, where formal approval will be decided. Public comments may also be made at the MPO Board meeting on June 18, 2021 at 9:00am at the Lee County Administration East Facility, 2201 Second Street, Room 118, Fort Myers, Florida.

Public participation is solicited without regard to race, color, national origin, sex, age, disability, religion, or family status. Persons who require special accommodations under the Americans with Disabilities Act or persons who require translation services (free of charge) should contact Calandra Barraco with the Lee County MPO at 239-330-2243 or by email at cbarraco@leemppo.com at least seven (7) days prior to the meeting. If you are hearing or speech impaired call (800) 955-8770 Voice / (800) 955-8771 TDD. The MPO's planning process is conducted in accordance with Title VI of the Civil Rights Act of 1964 and related statutes. Any person or beneficiary who believes they have been discriminated against because of race, color, national origin, sex, age, disability, religion, or familial status may file a complaint with the Lee County MPO Title VI Coordinator, Calandra Barraco, at 239-330-2243, or in writing at P.O. Box 150045, Cape Coral, Florida 33915-0045.

Road Name	From	To	Improvement	Phase	2021-2025	2026-2030	2031-2035	2036-2045	Total Cost (YOE)	Total Cost (PDC)	Funding Sources
Fowler Street	Metro/Fowler Cross over	Dr Martin Luther King Jr Blvd	Reconstruction	PD&E/PE/ROW/CST		\$5,500	\$28,700	\$0	\$34,200	\$22,670	OA
Burnt Store Road	Van Buren Parkway	Charlotte County Line	Widen 2L to 4L	PE		\$8,090	\$0	\$0	\$8,090	\$6,130	SU
Burnt Store Road	Van Buren Parkway	Charlotte County Line	Widen 2L to 4L	ROW		\$15,680	\$0	\$0	\$15,680	\$13,514	SU
Burnt Store Road	Van Buren Parkway	Janis Road	Widen 2L to 4L	CST		\$0	\$12,535	\$0	\$12,535	\$7,950	SU, LF
Burnt Store Road	Janis Road	Durden Parkway	Widen 2L to 4L	CST		\$0	\$14,700	\$0	\$14,700	\$9,300	SU, LF
Burnt Store Road	Durden Parkway	Charlotte Co/Line	Widen 2L to 4L	CST		\$0	\$15,900	\$0	\$15,900	\$10,100	SU, LF
SR 31	SR 80	SR 78	Widen 2L to 6L	ROW		\$0	\$23,780	\$0	\$23,780	\$16,400	OA
SR 31	SR 80	SR 78	Widen 2L to 6L	CST		\$0	\$0	\$164,000	\$164,000	\$80,000	OA
Cape Coral Evacuation Study			Access	Planning	\$300	\$0	\$0	\$0	\$300	\$300	SU, LF
US 41/Bonita Beach Road	Intersection		Intersection	PE		\$3,190	\$0	\$0	3,190	2,400	OA
US 41/Bonita Beach Road	Intersection		Intersection	ROW		\$5,940	\$0	\$0	5,940	4,500	OA, LF, SU
US 41/Bonita Beach Road	Intersection		Intersection	CST		\$0	\$26,800	\$0	26800	17,300	OA, LF, SU
US 41/SR 78	Intersection		Intersection	PE		\$750	\$0	\$0	750	570	OA
US 41/SR 78	Intersection		Intersection	CST		\$8,050	\$0	\$0	8050	6,100	OA
ACES Technology Support				Capital		\$5,000	\$9,000	\$50,000	\$64,000	\$33,900	OA, SU
Transit Operations Congestion Management				OPS							OA
US 41 Caloosahatchee River Bridge	Fort Myers	North Fort Myers	Sidewalk one side	PE*/CST		\$13,600	\$0	\$0	\$13,600	\$10,800	SU, GFSU, OA, LF
Major Intersections/Interchanges			Operational & Safety Improvements	P/R/CST		\$10,000	\$10,000	\$150,000	\$170,000	\$88,300	OA, SU
					Total Cost:	\$32,860	\$222,200 226,600	\$257,485	\$503,840	\$1,016,385	\$628,477
					Revenues:	\$32,860	\$226,600	\$258,020	\$538,910	\$1,056,390	

Project Phases - PD&E: Project Development and Environment; PE: Project Engineering and Design; ROW: Right-of-Way; CST: Construction

Funding Sources - SU: Federal Surface Transportation Program Urban Area funds >200,00; SA: Federal Surface Transportation Program any area; OA: State Other Arterial funding; DDR: State District Dedicated Revenue; LF: Local Funding; DIH: State District In-house

Other - ACES: Automated, Connected, Electric & Shared Vehicle Technology

*PE at \$3.75 million was previously identified on the bicycle pedestrian cost feasible list





Table 5-5: 2045 Transit Cost Feasible Implementation Plan

LRTE Improvements	Implementation Year	Annual Operating Cost (2020\$)	Total Capital Cost (2020\$)
Implement LeeTran 2021-2030 TDP			
Evolve Network	2021-2030	\$29,156,789 ¹	\$52,425,838
<u>Bus communication equipment to develop traffic notifications/TSP in the US 41 corridor in conjunction with the FRAME project</u>	<u>2021-2030</u>		<u>\$500,000</u>
Add Premium Transit Services			
US 41 BRT	2043	\$2,834,096	\$56,307,000
Colonial BRT	Unfunded	\$4,251,144	\$75,286,120
MLK BRT	Unfunded	\$2,834,096	\$50,222,200
Improve Frequency to 30-minute or Better			
Route 15 ²	2034	\$510,652	\$505,000
Route 20 ²	2040	\$303,104	\$505,000
Route 5	Unfunded	\$394,725	\$505,000
Route 10	Unfunded	\$839,925	\$2,020,000
Route 150	Unfunded	\$543,615	\$505,000
Route 590	Unfunded	\$879,822	\$1,010,000
Add New Services			
Lee-Collier Commuter Express on I-75	2035	\$716,672	\$2,020,000
North Cape Coral-Lehigh Commuter Express ³	2035	\$358,336	\$505,000
Cape Coral Express	2043	\$1,146,675	\$1,515,000
Midtown-Downtown Circulator	2043	\$1,206,676	\$1,010,000
Autonomous Midtown-Downtown Circulator ⁴	Unfunded	\$1,000,000	-
Downtown Fort Myers- Airport LX	Unfunded	\$832,229	\$1,010,000
FGCU-Lehigh Connector	Unfunded	\$832,229	\$1,010,000
Summerlin Road	Unfunded	\$454,633	\$505,000
McGregor Blvd	Unfunded	\$909,266	\$1,010,000
Add New MOD Services			
Bonita Springs MOD	Unfunded	\$233,530	\$220,000
North Cape Coral MOD	Unfunded	\$233,530	\$220,000
West Cape Coral MOD	Unfunded	\$233,530	\$220,000

Note:

1. The average annual operating cost to implement the TDP (in 2020\$).
2. Shows incremental costs only.
3. Shows Incremental cost to expand the North Fort Myers to Lehigh Commuter Express service already

2045 Transportation Plan



Table 5-15: Cost Feasible Projects: Strategic Intermodal System Projects (\$1,000)

Road Name	From	To	Improvement	Phase	2021-2025	2026-2030	2031-2035	2036-2045	Total Cost (YOE)	Total Cost (PDC)
I-75	at Daniels Parkway		Interchange	PD&E	\$2,828	\$0	\$0	\$0	\$2,828	\$2,828
I-75	at Daniels Parkway		Interchange	DSB	\$19,332	\$0	\$0	\$0	\$19,332	\$19,332
I-75	at Colonial Boulevard		Interchange	CST	\$51,756	\$0	\$0	\$0	\$51,756	\$51,756
I-75	Collier County Line	SR 78	Managed lanes	PE	\$0	\$136,800	\$0	\$0	\$136,800	\$103,600
I-75	Collier County Line	SR 78	Managed lanes	ROW	\$0	\$0	\$271,300	\$0	\$271,300	\$175,030
I-75	Collier County Line	SR 78	Managed lanes	CST	\$0	\$0	\$0	\$1,125,900	\$1,125,900	\$549,200
SR 31	SR 80	SR 78	Widen 2L to 4L	PE	\$0	\$9,350	\$0	\$0	\$9,350	\$7,100
SR 80	SR 31	Buckingham Road	Widen 4L to 6L	PD&E	\$0	\$1,500	\$0	\$0	\$1,500	\$1,140
SR 80	SR 31	Buckingham Road	Widen 4L to 6L	PE	\$0	\$0	\$0	\$4,500	\$4,500	\$2,195
SR 82	Alabama	Homestead Road	Widen 4L to 6L	PE	\$0	\$0	\$0	\$2,189	\$2,189	\$1,068
Total Cost:					\$73,916	\$147,650	\$271,300	\$1,132,589	\$1,625,455	\$913,249
Revenues:					\$73,916	\$147,650	\$271,300	\$1,132,589	\$1,625,455	

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

Table 5-16: Cost Feasible Projects: Federal TMA Urban Area Allocation Projects - Box funds (\$1,000)

Project Name	2021-2025	2026-2030	2031-2035	2036-2045	Total Cost
Traffic Operations Center Op.	\$ 230	\$ 230	\$ 230	\$ 460	\$ 1,165
Traffic Operations Projects	\$ 4,770	\$ 4,770	\$ 4,770	\$ 9,540	\$ 23,850
Bus Replacements/ <u>Capital Purchases of Technology Equipment</u>	\$ 7,500	\$ 7,500	\$ 7,500	\$ 15,000	\$ 37,500
Bicycle Pedestrian Projects	\$ 12,500	\$ 12,500	\$ 12,500	\$ 25,000	\$ 62,500
Total Cost	\$ 25,000	\$ 25,000	\$ 25,000	\$ 50,000	\$125,015