

TECHNICAL ADVISORY COMMITTEE

Lee County Metropolitan Planning Organization
Thursday, January 2, 2020
City of Cape Coral Public Works Building
815 Nicholas Parkway East, Cape Coral, FL 33990
9:30 a.m.



Meeting Minutes

The meeting was called to order at 9:30 a.m. by Chair David Murphy.

Record of Attendance

The attendance was recorded. There was not a quorum. Those members in attendance included Rick Burris with the Lee County Department of Community Development; David Murphy with the Lee County Department of Transportation; Mike Fiigon with the Lee County Port Authority; Wyatt Daltry with the Cape Coral Department of Community Development; Anthony Palermo with the City of Fort Myers; Carl Karakos with the City of Fort Myers; Eric Ortman with the Collier MPO; and Gary Harrell with the Charlotte County-Punta Gorda MPO. Others in attendance included Don Scott, Ron Gogoi, and Calandra Barraco with the Lee County MPO; and Steve Ludwinski with the Corradino Group.

Agenda Item #1 - Public Comments on Items on the Agenda

There were no public comments on items on the agenda.

Agenda Item #2 - LeeTran Report

LeeTran had nothing to report as a representative of LeeTran was not present and did not email a report prior to the meeting.

Agenda Item #3 - FDOT Report

FDOT had nothing to report as representative of FDOT was not present and did not email a report prior to the meeting.

New Business

Due to lack of quorum, action Agenda Items #4 (Approval of Minutes), #5 (Election of Officers), and #6 (Approval of TIP Amendments) were tabled to the next meeting.

Agenda Item #7 - Presentation and Review of the 2045 Socio Economic data for the Regional Model

Mr. Scott presented this agenda item for the review of the 2045 Socio-economic data for use in the regional model. He said as discussed at the last meeting, the MPO's consultant has been working on the development of the 2045 socio-economic data that will be used in FDOT's Regional Transportation Model. This link includes the data for review and comment: <http://leempo.com/wp-content/uploads/2019/06/T07a.2045-Lee-MPO-SE-Data.xlsx> and this link is to the zonal map: <http://leempo.com/wp-content/uploads/2016/09/T07b.Lee-County-2015-TAZs.pdf>. For this long range plan update, the MPO is using the Interactive Growth Model (IGM) to determine the population, housing, demographic and employment data for the traffic analysis zones for 2045. This model has been used in several of our communities in the past and over the years has been shown to be very accurate. The 2045 population and employee data projections include the following:

- 2045 population – 1,155,012

- Single family dwelling Units – 369,522
- Multi-family dwelling units – 179,021
- Number of employees – 492,092
- Number of workers – 428,899
- Number of school children – 169,378
- Number of University Students – 31, 784

Mr. Scott reviewed a slide of the 2045 populations by jurisdiction map. There was a brief discussion on the projected build out population of 1.4-1.5 million between 2060 and 2070. Mr. Scott also discussed slides on the regional population projections for Collier and Charlotte Counties and the IGM projections for 2045. The committee briefly discussed the projected number of workers versus the number of employees, differences between the IGM projections and BEBR projections, and Collier projections. Mr. Scott said a run will be done in the spring, and he will bring back E + C. He asked for the committee to send him any additional information they had on the number of workers in Lee County.

Agenda Item #8 - Request for Transportation Project Priorities for Fiscal Year 2025/2026

Mr. Ron Gogoi presented this agenda item on the Request for Transportation Project Priorities for FY 2025/2026. He said the schedule for submitting project priorities is approaching and just like last year the MPO staff is assuming that there will not be a lot of new priorities as there are still many previously submitted projects that did not receive funding yet. Mr. Gogoi then reviewed the current project priority lists and asked for input on anything that needs to change for this year. Mr. Scott noted the projects are due to FDOT by the end of the month and he recommended continuing with the unfunded priorities on the list. Mr. Gogoi agreed, adding that there were numerous unfunded projects. He said the only new project on the list was the SkyPlex project. Mr. Carl Karakos asked if the unfunded projects that were being resubmitted needed updated cost estimates. Mr. Gogoi said yes and asked the municipalities to also let him know if they would like any projects pulled from the list. A brief discussion followed on the Gator Circle project in Cape Coral, Safe Routes to Schools, breaking projects down into phases, and qualification of traffic signals projects. Mr. Gogoi recommended not adding any new projects as there were still so many unfunded. Mr. Gary Harrell asked if FDOT will require resubmission of the projects in the new format. Mr. Scott said he didn't think it would be required this year, but he was unsure. A brief discussion followed on the implementation of FDOT's new submission system and updating the applications.

Agenda Item #9 - Follow up on the Street Lighting Maintenance Agreements

Mr. Scott presented this agenda item as a follow up on the Street Lighting Maintenance Agreements. He mentioned at the last meeting there was a discussion about the proposed changes by FDOT on the street lighting agreements and some of the issues with funding that program moving forward. He said MPO staff has nothing new to be reported on this item. He asked Chair Murphy to send him the new agreement so he could review. Chair Murphy said he would.

Agenda Item #10 - Information on the Autonomous Vehicle and Alternative Fuel Vehicle Florida Penetration Rate and VMT Assessment

Mr. Scott presented this informational agenda item on the Autonomous Vehicle and Alternative Fuel Vehicle Penetration Rate and VMT Assessment. He said FDOT Central Office working with CUTR has studied the potential market penetration of autonomous and alternative fuel vehicles and their impact on Florida's Vehicle Miles Traveled (VMT). The study document can be accessed here: http://leempo.com/wp-content/uploads/2019/06/T10a.BDV25-977-48_Task_9_Final_Report_12_16_19.pdf He showed slides on project activities, projected VMT scenarios, average fuel economy by fleet, fuel efficiency without EV/AV, Florida transportation revenue

sources, state transportation trust fund taxes and fees, fuel taxes/projected light duty Plug-in EV stock in Florida, EV numbers/projections, AV projections, baseline EVMT projections, total highway fuel lost due to increased EVMT, lost fuel tax revenues from Plug-in EV use, information on other revenue losses, study considerations, and other state's alternative fuel vehicle fees. Mr. Scott noted the adjustment was relatively the same as that made to the last update. Mr. Eric Ortman asked when the new costing tools will be available. Mr. Scott replied they should be available before the CUTS meeting being held next week. Mr. Harrell agreed. A brief discussion followed on the cost to build EVs versus gas or hybrid vehicles, EV sales, and car manufacturing profit margins.

Other Business

Agenda Item #11 - Public Comments on Items not on the Agenda

Mr. Steve Ludwinski with the Corradino Group introduced himself. There was a brief discussion on the locations of offices for the Corradino Group.

Agenda Item #12 - Announcements

Mr. Scott discussed the TIP amendments that were discussed last month and the additional current year funding project priorities, as the Board will be hearing the item at their meeting this month. The committee briefly discussed the replacement member for the Lee County Department of Community Development due to the retirement of Mr. Andy Getch. Chair Murphy requested that Mr. Tom Marquardt be listed as his alternate for the Lee County Department of Transportation in place of Mr. Randy Cerchie.

Agenda Item #13 - Topics for next meeting

Topics for next meeting included discussion of the latest legislative items and, if necessary, those action items tabled from this meeting due to lack of quorum.

Agenda Item #14 - Information and Distribution Items

The information and distribution items included the latest MPOAC Legislative Update.

The meeting was adjourned at 10:22 a.m.

*Action Items *May Require Action

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