

**TRAFFIC MANAGEMENT OPERATIONS
COMMITTEE**

1:30 p.m., November 20, 2018
Lee County EOC, Conference Rooms E and F
2675 Ortiz Avenue, Fort Myers, FL 33905
MPO: (239) 244 - 2220



Meeting Minutes (Draft)

Agenda Item #1 - Call to Order

The meeting was called to order by Chair Steve Jansen at approximately 1:30 p.m.

Agenda Item #2 - Roll Call/Introductions

The members introduced themselves. There was a quorum.

Members Present

Anthony Khawaja	Collier County Traffic Operations
Arnold Valdez	LeeTran
Carl Karakos	City of Fort Myers
David Murphy	Lee County DOT
James Lear	Cape Coral Police Department
Lt. Dennis Petracca	Lee County Sheriff's Office
Roger Lloyd	Lee County School District
Stephen Jansen	Lee County DOT
Susan Hopwood	Lee County DOT
Tessa Heines	City of Cape Coral Public Works
Tyler Brown	Lee County Port Authority

Those in attendance also included: Don Scott, Ron Gogoi, and Brian Raimondo with the Lee County MPO; Charlie Mills, Jeff Barkley, and Danny Gray with Cape Coral Police Department; Kyle Kemmish with Collier County Traffic Operations; David Willems with the Village of Estero; Jillian Kreider and Dave Foster with RIEGL USA; and Ray Mikol with FDOT.

Agenda Item #3 - Public Comments on Items on the Agenda

There were no public comments on items on the agenda.

Agenda Item #4 - *Approval of the August 8, 2018 Minutes

Mr. Carl Karakos made the motion to approve the minutes from the August 8, 2018 TMOC meeting. Ms. Susan Hopwood seconded the motion. There were no objections. The motion carried unanimously.

The agenda items were taken out of order to accommodate the RIEGL presentation.

Agenda Item #6 - Presentation and Demo of 3D Laser Scanner for Traffic Homicide Investigations (RIEGL USA)

Mr. Ron Gogoi introduced this agenda item for the presentation and demo of a 3D laser scanner for traffic homicide investigations. He said Lee County and Collier MPO are considering buying a couple of these devices and under a pilot program we may ask a law enforcement agency to test the technology during traffic homicide investigations (THI). He added the study will evaluate use and performance of the scanner (duration of THIs, time road closure started, time road reopened to traffic, etc.). He said the results will be compared against response times with traditional surveying methodology and will help

MPOs decide whether we should continue to make additional investments on this product. He introduced Ms. Jillian Kreider and Mr. Dave Foster with RIEGL USA who then provided a power point presentation followed by a full demo of the tool. The RIEGL presentation was emailed to the TMOC and can also be viewed here:

<http://leempo.com/wp-content/uploads/2018/11/Using-3D-Laser-Scanning-to-Expedite-Crash-Scene-Investigations-and-Reduce-Secondary-Crashes.pdf>

The slides and presentation included information on the RIEGL company, benefits of laser scanning, Orlando FHP pilot project update, economic impacts, sample scans of accident scenes, equipment description, live demonstration, funding, all-inclusive price quote of \$109,000, two-day field training requirements, ability to scan in inclement conditions, RISOLVE data download and analysis, court case testimony in which RIEGL scan data was used, reasons to purchase RIEGL scanner, and contact information. Mr. Foster said he would download the data scanned at the meeting, process it while the meeting continued, and then present the data at the end of the meeting. Chair Stephen Jansen then moved on to the previously skipped agenda item.

Agenda Item #5 - Review of Lee County High Crash Locations

Mr. Brian Raimondo presented this agenda item as a review of Lee County high crash locations to identify locations with recommended countermeasures that can be submitted for highway safety funds. Mr. Raimondo said FDOT has informed staff that they will only be looking at intersections or lane departure related crashes for consideration of federal highway safety funds. He added, they will only be considering those locations with crashes that have resulted in fatalities and incapacitating injuries. He noted they have asked staff to help them identify and fund countermeasures that will address these high crash locations in Lee County. He said accordingly, staff developed two lists of high crash locations for the TMOC to review and comment, one was attached to this staff report as an Adobe pdf and one was attached as an Excel spreadsheet to the email due to its length. Mr. Raimondo first reviewed the list of the top eleven high crash locations due to lane departures ranked by crash severity by Signal Four Analytics from 2014 through 2017. He asked the committee to pick a few locations from the list. Mr. Ron Gogoi said countermeasures/improvements to address the crash risks posed at these locations will then be proposed to increase safety. Mr. Raimondo said FDOT's Mr. David Wheeler will then review the list and decide which to move forward with. Mr. Raimondo also referenced a list compiled by Mr. Stephen Jansen for 2016-2018. There was a brief discussion on the discrepancies in the queries used to populate the different lists from Mr. Raimondo and Mr. Jansen. Mr. Gogoi asked the committee to pick one or two locations and then pick strategies to submit to FDOT. He suggested SR 31 and SR 80. Mr. Jansen noted that location has seen fewer crashes due to intersection improvements. Mr. Anthony Khawaja said FDOT wanted locations and costs identified and then projects submitted with a cost benefit ratio of greater than one. Mr. Jansen added that could mean doing thousands of dollars of preliminary work on a project that may not be funded. Mr. Jansen reviewed the projects on the list, noting that many of them already had improvements programmed. Mr. Raimondo asked if there was a time frame for this. Mr. Gogoi said this is the time to submit projects for highway safety dollars and suggested submitting one or two projects. A discussion followed on formulating cost estimates for the remaining projects that did not have programmed improvements and other ways to reduce crashes. Mr. Jansen said he would go through the locations on county roads and suggested Mr. Carl Karakos review the projects on City of Fort Myers roads, getting back to Mr. Gogoi in the next few weeks.

Agenda Item #7 - Agency Updates

Mr. Jansen mentioned the new signal on Ben Hill Griffin Parkway at Grandezza will be functional this month. He also said the signal at Lee Boulevard and Lee Street is under design and should be going to construction within the next year. Ms. Susan Hopwood announced the Mid-Point and Cape Coral bridge and overpass painting will begin within the next ninety days. Mr. Jansen said the ATMS Phase II project will be concluded in another six months. He also said there were turn lane enhancements at Hancock and Del Prado and resurfacing scheduled for Del Prado. Mr. Gogoi mentioned that he was

coordinating with FDOT Safety Office to undertake a road safety audit to determine safety measures on the US 41 corridor from Boy Scout to Daniels. Mr. Karakos said the signals in downtown Fort Myers have all been removed and the four way stops are in place. He added there will be a meeting next week to schedule the signal installation at Winkler and Challenger in early January. He said Fort Myers City Council will have a meeting as an educational tool on December 10 to discuss safety measures like roundabouts, with comment cards available to public. There was a brief discussion on Corkscrew Road improvements that would be split between Collier and Lee County. Mr. David Murphy said the project was near the bottom of the list and did not have funding. Mr. Khawaja said Collier County will not fund the entire project as half of the road is in Lee County.

The RIEGL team stated they were ready to present the data they had been working on from the two scans done earlier in the meeting. Mr. Foster showed the results of the scans in greyscale and color. He mentioned the machine was eye-safe and could be used inside and out. Mr. Jansen asked if Mr. Gogoi had funding for these machines. Mr. Scott said there might be congestion management funds available if the specs are made specific for RIEGL since this type of funding needs to be vendor neutral. Mr. Scott said the original intention was to use the machine for Lee and Collier Counties and split the cost. There was a discussion on clearing accidents and using this machine to speed the clearing process. Mr. Scott mentioned the data from FHP in Orlando. Mr. Foster added as user proficiency increases so does clearing time. A committee member asked where the machine would be kept. A discussion followed on the possible use of the machine by FHP. Mr. Gogoi said we would probably do a pilot study similar to the one done in Orlando. Mr. Scott said our main interest is for quicker clearing of crashes and avoidance of secondary crashes. Mr. Gogoi said the results are available, and he would share the data on request.

Agenda Item #8 - Public and Member Comments on Items not on the Agenda

There were no public or member comments on items not on the agenda.

Agenda Item #9 - Announcements

Mr. Gogoi said there would not be another December meeting. He said the next meeting would be in February.

Agenda Item #10 - Topics for next meeting

Mr. Jansen said if there were any suggested topics for next meeting to communicate them to Mr. Raimondo or Mr. Gogoi.

Agenda Item #11 - Information and Distribution Items

There were no information and distribution items.

The meeting was adjourned at approximately 3:30 p.m.