

**GREATER LAFAYETTE AREA TRANSPORTATION & DEVELOPMENT STUDY  
TECHNICAL TRANSPORTATION COMMITTEE**

**MEETING MINUTES**

**April 17, 2019**

VOTING MEMBERS PRESENT

Sallie Fahey	Area Plan Commission
Jeromy Grenard	Lafayette City Engineer
Adam Keyster	Purdue University Airport
Stu Kline	Tippecanoe County Highway Engineer
Terry Ruley	Tippecanoe County Sheriff's Department
Ed Garrison	West Lafayette City Engineer
Marcus Slider (proxy for Troy Harris)	West Lafayette Police Department
Jon Fricker	JTRP
Marty Sennett	CityBus

VOTING MEMBERS ABSENT

William Carpenter	Lafayette Police Department
Kevin Jasinski	INDOT – Crawfordsville Division

NON-VOTING MEMBERS PRESENT

Tim Stroshine	APC
Aria Staiger	APC
Doug Poad	APC
Mark Harlow	Dayton Town Manager
Melissa Patton	INDOT
Brett Crutchfield	INDOT
Scott J. Chandler	INDOT
Tijo Mathew	Purdue
Darcy Bullock	Purdue
Colin Sullivan	BF&S

Jon Fricker called the meeting to order at 2:00 p.m.

**I. APPROVAL OF MINUTES**

Stu Kline moved to approve the minutes of the March 20, 2019 meeting as submitted. Sallie Fahey seconded. The minutes, as submitted, were approved by unanimous voice vote.

**II. ACCESS PERMITS**

None

**III. Indianapolis Scooter Data Analysis and Proposal for Lafayette MPO – Darcy Bullock, Mathew J. Kulathintekizhakethil and Mingmin Liu**

Prof. Darcy Bullock from the Joint Transportation Research Program at Purdue said the E-Scooters are the biggest deployment of electric vehicles in the Tippecanoe County area. Darcy said E-Scooters are in about 100 cities nationwide. He said Purdue started a pilot program last fall before the scooters came to campus but then Byrd dropped a bunch of scooters which was disruptive to the study. He said they did a small study of 600 trips with 90 scooters. He spoke about OD (Origin-Destination) data. He said that the jurisdictions should be sure to get data from the scooter companies, so they can understand how the scooters are being used. He said that was information that they do not know right now. He suggested they ask for the same data that the City of Indianapolis is getting from the scooter companies. Darcy said the number one concern will be where the scooters get deposited and where they get parked. He said that the study on campus showed that 93% of the trips are less than 10 minutes and about 0.6 miles. He said trip hazards and ADA compliance will need to be addressed. He said there should be some type of designated parking for the scooters. Darcy said the Indianapolis data showed a half million miles travelled on scooters between September and January. He said most of the miles were in September, October, and November before the weather got terribly cold. He said 2/3 of the trips were less than a mile and less than 10 minutes. He said the weekend rentals were substantially higher than the week day rentals. He said only 15% of the scooters were used for more than one hour per day. He said the scooters are going to be parked a lot of the time so that will be the number one concern.

Sallie Fahey said she was pleased to be able to partner with Darcy and his team and she said it would be great for them to do the analysis for the data we get. She asked if Jeromy Grenard of the City of Lafayette and Ed Garrison of the City of West Lafayette would be willing to pass their data on to Darcy also, so there could be comparison analysis of all 3 jurisdictions.

Ed Garrison said the requirements West Lafayette has in its ordinance are similar to what Indianapolis has. Ed said he would be happy pass their data on to Darcy's group to analyze. He said West Lafayette is setting up parking zones on a permit by permit basis. He said the idea is that if someone rents a scooter, they cannot un-rent it until it is properly parked in a designated parking zone.

Jon Fricker asked if the parking zones will be clearly marked.

Ed Garrison said yes, they will be marked with temporary tape to start with to make sure this model will last. He said they don't want to put in something that may have to be torn out or changed later. Ed said there will be 437 parking spots in the city and they will allow permitting for up to 300 scooters. He said after a scooter company has used all the parking spots allowed by the city, companies can work out deals with private businesses for more parking spaces. Ed said he has met with Purdue University to discuss how West Lafayette and Purdue University will inter-act with the scooter companies. Ed said Purdue is planning to identify parking areas as well.

Darcy Bullock asked what the expected deployment date would be.

Ed Garrison said he did not know yet. He said as of right now no one has applied for a permit and no scooter companies will be allowed to operate within the city limits without a permit. Ed said the ordinance went to the city council in March and he thought the permit applications should be available this week.

Marty Sennett said he saw a news story about emergency room visits going up because of scooters. He asked about crash data studies.

Darcy Bullock said crash reports can be analyzed but emergency room visits are personal information. He said they have spoken with CJI, the Indiana Criminal Justice Institute that does the crash reports.

Marcus Slider said the West Lafayette Police Department does take incident reports and documents injuries, locations, and what type of scooters are involved.

Marty Sennett said that about a year ago he saw a van slam on its brakes to avoid hitting a scooter that blew through an intersection.

Ed Garrison said the West Lafayette Police Department is helping with anything that is bicycle or pedestrian related. He said they give him crash reports to review to see if there are any safety issues that need to be addressed or if the accidents are caused by user error. He said a lot of the accidents happen around the campus area and WLPD does not do the police reports for those. He said many times the accidents are not reported. Ed said it is difficult to get accident information from the hospitals.

Darcy Bullock said we need to find ways to get this information without violating privacy rights. Darcy said the crash rates for scooters seems to be about the same as for bicycles on campus. He said not many people wear helmets. Darcy said he is not an advocate for or against the scooters he is just trying to collect data.

Sallie Fahey said she has noticed more electric skateboards since the weather has gotten nicer. She said they are personally owned, and she did not know how to get data on them.

Ed Garrison said there are more personal scooters and skate boards around.

Adam Keyster asked Marty Sennett if he would be asking for scooter racks on the city buses.

Marty Sennett said the scooters don't fit on the bike racks and they don't want them inside the buses because they are a tripping hazard.

#### **IV. FY 2020-2024 TIP Adoption Recommendation**

Doug Poad said the development of the new Transportation Improvement Program is winding down. Doug said staff is recommending approval of the new document. Doug said it has been completed and the draft was published on the APC website on February 15, 2019. He said since then there have been some minor changes made to it. He said last month the funding was adjusted due to additional federal funds. Doug said he has received very few public comments, but he is planning to do additional outreach at Faith West Community Center and the Northend Community Center. Doug said the TIP is financially constrained with all of our federal funds. He said it is not over-programmed or under-programmed. He said it does contain all the information required by the Fast Act, the Federal Highway Administration, and the Federal Transit Administration. Doug said staff is asking for the board's recommendation for approval for the Policy Board.

Sallie Fahey gave an update on the need for more safety money in FY 2021. She said she has a tentative, positive response from Ft. Wayne. She said they may be able to add money from both FY 2020 and FY 2022, but she does not have a final answer from them yet. Sallie said the TIP has been left the way it started showing the swaps back and forth so there will be enough money in FY 2021.

Jeromy Grenard moved to recommend the TIP document to the Policy Board for approval and Ed Garrison seconded. The motion passed by unanimous voice vote.

#### **V. Administrative Modifications to the FY 2018-2021 TIP**

##### **A. April 4, 2019 – Add \$160 in unallocated STBG funds to the CN phase of the North River Road at River Bend Hospital project, des #1401047**

Sallie Fahey said INDOT requested that \$160 in unallocated STBG funds be added to the North River Road at River Bend Hospital project.

## **VI. FY 2019 Funding Discussion and Monthly Report**

Doug Poad said the one-page summary of the FY 2019 funds shows how much of our federal funds have been obligated and how much needs to be obligated. Doug said there were a lot of obligations in the month of March, and in April he expects to see the remaining balance. Doug said we are doing well. He said the table below shows the actual breakdown of federal funds and obligations. Doug said the figures shown in orange are additional funds that we need to do something with. He said we are working on the Concord Trail Lighting project and as soon as the contract is approved by the Attorney General, we can move that forward. Doug said staff has identified 4 projects where additional funds can be obligated: The first is paying for change orders for Klondike Road, next is the Concord Lighting project contract, next is \$616,478 dollars to trade with the Evansville MPO, and last is \$250,000 for transit projects such as bus stops, shelters, signage and sidewalk connections. Doug said the change orders and the contracts have to be done by May 1, 2019.

Sallie Fahey said INDOT told Doug there were 50 contracts sitting at the Attorney General's office pending approval. Sallie said the AG's office has been told our change orders and contracts are time sensitive.

## **VII. APC Progress Report**

### **A. MPO Update**

#### **i. Multimodal Traffic Count**

Tim Stroshine said now that the weather is turning nicer staff has continued its partnership with Bicycle Lafayette to help with the bicycle counts. Tim said they started on Tuesday and he has received the first of the data collected. He said he does not have enough data yet to make any inferences about it, but he suspects he will get more counts than last year because the weather was poor last year. He said the weather patterns this year have been more normal. Tim said he had hoped to be able to tell whether E-Scooters were having an impact, but they are not in operation yet. Tim said he is collecting more data this year. He said he is trying to get data on helmet use, whether people are riding on sidewalks rather than on the streets, and whether they are riding with traffic or against traffic. He said this will give staff an idea of the scope of the problem relative to the number of bicycles in use.

Sallie Fahey said it should also potentially show areas where education is needed.

Ed Garrison asked if Tim will be able to use the Miovision System.

Tim Stroshine said it is in staff's future plans to use Miovision to get better data because right now all he is using are the volunteers in the field collecting data by hand. Tim said the Miovision System would be a great benefit and he would be able to do more focused studies on certain intersections.

Jon Fricker asked if the Area Plan Commission had its own Miovision System.

Sallie Fahey said staff bought one that they share with the local agencies.

Ed Garrison said he had a meeting earlier today with Miovision for their traffic signal detection. Ed said he would be installing a fish-eye camera at one intersection for video detection. Ed said they can do live analysis of vehicles and pedestrians. He said they are working on getting bicycle data, but a lot of times bicycles show up as pedestrians right now.

Jon Fricker asked Tim Stroshine if he was interested in the behavior of scooters at intersections.

Tim Stroshine said that was something he would like to get more data on. He said that was something he could not get by looking at the behaviors data.

Jon Fricker asked if Darcy's data could get down to the intersection level to see how scooters behave.

Darcy Bullock said no, he only has origin/destination data.

Tim Stroshine said that is where the Miovison video recording will be helpful.

#### ii. FHWA E-Scooter and ADA Update

Tim Stroshine said a meeting was arranged between FHWA and the localities where the E-Scooters have been deployed to discuss issues related to ADA. Tim said that meeting took place last month. Tim said Marcus Smith from West Lafayette, Margy Deverall from Lafayette, Aaron Madrid from Purdue, and he (Tim) attended. Tim said there were also people from INDOT, FHWA, Bloomington, South Bend, Indianapolis, and the E-Scooter companies present. Tim said that employee training and parking areas were the issues the scooter companies agreed they need to address. Tim said the scooter companies will be incorporating new scooter models into their fleets and there should be improvements in safety and the ways the scooters can communicate with the users.

Sallie Fahey said there is a summary of that meeting in the packet.

#### iii. Quarterly Reports

Sallie Fahey said the Quarterly Reports are an agenda item for next month and there is nothing to discuss at this time regarding them.

## VIII. OTHER BUSINESS

### A. INDOT 18-Month Letting List

Doug Poad said the 2-page report is in the packet. He said there is quite a bit of information on it. Doug said project #1 Concord Road and CR 430 S was let in March. He said the project was let to Milestone Contractors for a little over \$650,000, and the estimated completion date is October 17, 2020. He said the bid is under the engineer's estimate and there were 2 bids submitted for this project. Doug said the next projects #2-#5 were for concrete patching on portions of SR 25, US 52, US 231 and Veterans Memorial Parkway. Doug said the engineer's estimate for that was a little over \$2.6 million. Doug said there were 2 bids and the lowest bid was Rieth-Riley Construction at almost \$2.6 million. Doug said these projects are currently pending on the INDOT website. Doug said projects #6 and #7 deal with I-65 and SR 43 HMA Overlays. He said the engineer's estimate was just over \$12.3 million. He said there were 2 bids and the lowest bid was Rieth-Riley Construction at \$9.4 million. Doug said these projects have been let for construction. Doug said projects #8, #9, and #10 are related to the Teal Road project and they were moved to a May letting. Doug said projects #15-#24 are all new projects regarding maintenance for bridges. Doug said one is on SR 25, two on SR 28, two on SR 38, four on US 52, and one on US 231.

## IX. CITIZEN COMMENTS

**X. ADJOURNMENT**

Jon Fricker adjourned the meeting at 2:45 pm.

Respectfully Submitted,

*Diana E. Trader*

Diana E. Trader

Acting Recording Secretary

Reviewed By,

*Sallie Dell Fahey*

Sallie Dell Fahey  
Secretary