

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

MEETING MINUTES

October 17, 2018

Jon Fricker	JTRP
Sallie Fahey	Area Plan Commission
Jeromy Grenard	Lafayette City Engineer
Asfahan Kahn	INDOT – Crawfordsville Division
Mike Parks (proxy for Stu Kline)	Tippecanoe County Highway Engineer
Capt. Terry Ruley	Tippecanoe County Sheriff's Department
Ed Garrison	West Lafayette City Engineer
Jim Knapp (proxy for Adam Baxmeyer)	Purdue University Airport
Bryce Gibson (proxy for Marty Sennett)	CityBus
Jason Philhower (proxy for Troy Harris)	West Lafayette Police Department

NON-VOTING MEMBERS PRESENT

Cat Schoenherr	APC
Doug Poad	APC
Tim Stroshine	APC
Aria Staiger	APC
Bob Foley	Lafayette Engineer's Office
Mark Harlow	Dayton Town Manager
Brett Crutchfield	INDOT

ALSO PRESENT

Jan Myers	Citizen
Colin Sullivan	BF&S

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

I. APPROVAL OF MINUTES

Ed Garrison moved to approve the minutes of the September 19, 2018 meeting as submitted. Bryce Gibson seconded and the minutes were approved by unanimous voice vote.

II. ACCESS PERMITS

None

III. AMEND THE FY 2018-2021 TIP

Add three new bridge/small structure projects and add funds to eleven projects for INDOT

Doug Poad said INDOT is requesting the following TIP amendment to replace the SR 26 bridge just east of County Line Road and the SR 43 bridge over the Walter Ditch. A small structure under SR 225, just north of Old SR 25 will also be replaced. Additional funds are needed for all three phases of the US 52/Teal Road project because costs for the last two phases have increased by over two million dollars each. The cost for the signal modernization and the South 4th Street intersection improvement projects have also increased. Additional funding is also needed for the SR 28 project east of US 231 even though the construction costs for the project west of US 231 have decreased because both the construction and right-of-way costs have increased.

Jeromy Grenard said the costs for the SR 28 project west of US 231 have decreased because they are changing the treatment. He added that both SR 28 projects should be starting in the next 15-20-days and will take care of some of the issues. INDOT wants to make sure the road holds until they can program a larger reconstruction project in five years.

Doug Poad said the last five projects in INDOT's request are I-65 bridge painting projects. Funding and more detailed information on all fourteen projects are included in the staff report that was distributed in the packet.

Jon Fricker noted that there is a lot included in this amendment.

Ed Garrison asked what the small structure on SR 225 is.

Brett Crutchfield said he is not sure because it is not his project.

Doug Poad said old aerial photos show the project just north of Old 25.

Ed Garrison thinks the project might be located at Thayer Road where the state road comes into it. He knows there is a structure located at the "T".

Jason Philhower said it is probably between the one-lane bridge and Old 25.

Ed Garrison thinks the whole road in that area needs to be raised to get it out of the Flood Plain.

Ed Garrison moved to recommend approval of the FY 2018-2021 TIP AMENDMENT to the Policy Board. Jeromy Grenard seconded and the motion was approved by unanimous voice vote.

IV. APC PROGRESS **Review of Performance Measures Adopted by the Policy Board**

2019 and 2021 PAVEMENT CONDITION,
2019 and 2021 BRIDGE CONDITION,
2019 and 2021 NHS TRAVEL TIME RELIABILITY,
2019 and 2021 INTERSTATE FREIGHT RELIABILITY,
2019 and 2021 ON-ROAD MOBILE SOURCE EMISSION, and
2019 SAFETY

Sallie Fahey said when Congress adopted MAP21 it decided it wanted to what it was getting for its money so Congress developed the performance measures for the National Highway System (NHS), air quality, and safety. Last February the Policy Board adopted the state's first targets for safety performance measures. The first four state performance measures were set by INDOT in four aspects of the NHS. The state had to set 2019 and 2021 targets for the six performance measures. After the 2010 Census we were required to update our National Highway System Map, our Metropolitan Area Freight Map, and our Federal Functional Classification Map. We decided locally that there was no benefit to us to have any locally maintained roads on the NHS so we have no locally maintained NHS routes in our MPO because they are all state routes or interstates. We are being asked to support state NHS road projects even

though we have no roads that qualify. We, and most other MPOs in similar situations, are saying we support the pavement condition projects by asking INDOT to include us in early coordination, scoping, and design for projects in our MPO. We supported the performance measures for bridge projects with the same considerations. We do not have to deal with travel time reliability no worry about congestion because we are not a large enough MPO with regard to urban population. There is nothing in the performance measures for on-road mobile source emission that relates to us because we are an air quality attainment metropolitan area. Our MPO is supporting the state's performance measures because we do local projects to help maintain the air quality attainment status and reduce pollution in the air by doing things like roundabouts, bike/ped facilities, trails, etc. We do not have to adopt the safety performance measures until early 2019 but it is easier to adopt all the performance measures at the same time. We use our HSIP funds to reduce the number of fatality crashes, rate of fatalities, number of serious injury crashes, rate of serious injury crashes, and the number of non-motorized fatalities and serious injury crashes. There are things we can do in this category to help the state meet its targets. The Policy Board approved supporting all these performance measure and authorizing her to send the letters of support to the state. She said the spread sheet included in the packet has information on fatality and serious injury crashes. The state targets are higher in some instances but she thinks that has to do with the fact that we are working on a five-year rolling average. The serious injury number went down in some cases and the crash rate went up due to an increase in vehicle miles traveled (VMT). She believes the number will continue to jump because of the state of the economy.

Ed Garrison asked if we have anything that shows our analysis at a local level.

Sallie Fahey said we have crashes but we do not have VMT because it is too difficult to calculate that on a local level.

Ed Garrison said it would nice to have that information to help us try to meet the state-wide goals.

Sallie Fahey said fatality locations are random but that is not the case for serious injury crashes. We should be looking at locations where there is a trend in serious injury crashed and the design of the intersection or road stretch.

Jon Fricker asked if Tim Stroshine will be gather data on scooters.

Sallie Fahey said staff was talking with Jason Philhower about that before the meeting started because we would like the police departments to figure out how to code scooters in a crash report so they are coded the same across all the departments.

Ed Garrison said he called Aaron Madrid at Purdue today to talk about scooters and learned Purdue does not have a code for scooters but included it in the wording. He asked that Aaron Madrid be informed any time there is a scooted related incident. The West Lafayette Police Department will be doing the same thing.

Jon Fricker said he likes to count things and as he travels around campus he sees about 0 scooters for every shared bicycle.

Ed Garrison said part of the problem is no one has any idea how many scooters are in the area.

Jim Knapp said he has seem scooters left in some very odd places.

Ed Garrison said Lafayette, Purdue University, and West Lafayette are working on a joint ordinance to properly incorporate this new technology.

Jim Knapp said he heard two bicycles crashed on campus and both riders needed medical treatment.

Tim Stroshine said he looks at all the reports for crashes in our county and he would like to be included in the real-time record-keeping. He asked the law enforcement agencies send him an email when a scooter is involved in a crash.

Ed Garrison said that should be easy to do because he gets copies of the West Lafayette crash reports that involve scooters.

Jason Phllhower said the West Lafayette records department has to change the report into the AERIES format in order to submit the report to the state.

Doug Poad said the Bicycle Plan update is focused on infrastructure and he has all the crash reports that involve cyclists and pedestrians from 2013 through 2017. He said he has a lot of information and he will be happy to share it.

Ed Garrison said he is looking for commonalities where minor improvements can be made to help things function better.

Doug Poad said there are a lot fewer bicycles on campus and he thinks that is due to all the construction.

John Fricker said Tim Stroshine gave him twelve sites where his students will go to collect bicycle counts.

Sallie Fahey said we have to be aware and have projects that support these safety measures.

Jim Knapp asked how things are rated to come up with a good versus a poor rating.

Jon Fricker said there is a definition.

Sallie Fahey said there is a whole calculation for rating pavement but she did not include that in the staff report. She thinks bridges and pavements are being done on square meters.

Asfahan Kahn agreed that calculations are being used and are not doing and "fair" ratings. Only "good" and "poor" are being used. INDOT is looking for a guarantee on the work.

MPO Update Bike Safety Data Collection

Tim Stroshine thanked Jon Fricker and his students for offering to take bicycle counts at various locations. We will again be partnering with Bicycle Lafayette in spring. He will be meeting with the group to discuss some format changes so we can collect more data with a focus on safety along with the raw counts.

Jon Fricker said his class will assist with taking counts and added that they will take on a larger role because the class will be bigger.

Tim Stroshine thinks it is time for us to start getting into the scooters as well. He will see what can be done to work the scooter counts in. He went on to say he thinks we can pitch in and help the Great Lafayette Bike/Walk Safety Team with data collection and by contributing to the community-wide effort even though his Committee does not have any control over finances.

Monthly Funding Report

Sallie Fahey said we included the funding report from INDOT that tells us the progress we are making getting our Federal funds expended. There was no change from the September report and the only activity was our returning the \$1,200,000 we borrowed from NIRPC last year. The North River Road at

River Bend Hospital project recently let and we have other lettings coming up so the report should change next month. At this point there is no concern about being able to spend our funds as long as the projects are let on time.

MPO Conference Review

Cat Schoenherr said she attended a session led by NIRPC on making public involvement meaningful. NIRPC did a project during a festival in Winona Lake. The MPO staff was talking about a park plan and they created a picture frame with dry erase along the bottom that allowed citizens held up to write what they wanted to see in the park, hold the frame up, and take their photo along with their wish. NIRPC encouraged the citizens to take their photos and then share it on social media. NIRPC also did a lot of polling on Facebook and actually sponsored polls and fill-in-the-blank questionnaires that would show up in people's news feeds to gather data. NIRPC also sends out mass mailings in utility bills to reach everyone. The MPO also used knowledgeable members of the community to educate others. NIRPC also has an interactive map to identify problem areas or make suggestions for improvements. There seem to be a lot of ways to educate through social media and using online tools.

Sallie Fahey said she attended the same session and she knows you have to have to have clever ideas but you also have to go to where the people are rather than expect the public to come to you.

Jon Fricker asked if there is an overlap with the Citizens Participation Committee. He reads the minutes and is impressed with the quality of the input.

Cat Schoenherr said she has only held two meetings since she joined the staff so she is not sure at this point. She added that it is very difficult to get participation at that meeting.

Doug Poad said Evansville is a much larger town than Lafayette and the conference was held downtown. He is very thankful for what we have because there is a lot of empty space in downtown Evansville even though there are a lot of nice, new facilities. He attended a seminar on improving the US 41 north/south and east/west corridors. Different options were looked at but one of the ideas was moving the left-turn traffic across the opposing traffic and execute the left turn facing the opposing traffic on the other side. That option is interesting because the concept came from Mexico about 20 years ago so it is interesting to see that option considered today. Most of our corridors do not have enough space to use that option. A lot of different and unusual techniques were discussed.

Ed Garrison asked Doug Poad if he is talking about a Michigan left where you do the u-turn and then come back to the intersection or was there a secondary intersection further down.

Doug Poad said the option was to have a secondary intersection before the cross street.

Jon Fricker said that is more like a diverging divert.

Doug Poad explained that if you want to turn left you would have to cross the opposing traffic into a new lane that takes you up to the cross street. At the intersection you would then be facing opposing traffic but in a separate lane where you could make a left based on the signal timing. This option basically removes the left turns in the intersection and moves them out to the legs.

Asfahan Kahn said that is like a j-turn.

John Fricker said with a j-turn you pass the intersection and then come back.

Ed Garrison said it is something like a diverging diamond.

Jon Fricker said even though downtown Evansville is not vibrant there are talking about doing this unusual left turn so the traffic must be coming from somewhere.

Ed Garrison said we are already doing so many new traffic patterns he is not ready to introduce this one into the mix.

Aria Staiger said he also attended the corridor study session and he learned about frontage and backage roads. He can apply what he learned to addressing along those roads and how the addresses will work with the main road.

Tim Stroshine said he attended a session on the trail in Warrick County. Warrick County is very rural and small and had been trying for years to get a trail system for the bicycling community and kids riding their bikes to school. Funding was tight so the county was unable to get the needed funds into the budget so a local businessman start a volunteer committee that did a lot of the work getting qualified people to design the trail system and form a partnership with the city engineer to review the designs. The volunteer committee then arranged for all the funding from local businesses with agreements as to how those contributors would be recognized on the trail network. The whole project was a great example of how passionate people in a community can get things done for the betterment of the community. They also talked about how the committee set up the first INDOT agreement with their district to get a bike lane on the state road. He is not sure that is appropriate for our area but he thought it was interesting, nonetheless, how the county could partner with INDOT to take care of their specific need.

Sallie Fahey said this project is like an informal, public/private partnership. IT shows that government is not the only entity that needs to provide facilities.

V. OTHER BUSINESS INDOT 18-Month Letting List

Doug Poad said there were no changes to the list from last month. The US 231 bridge over the Wabash River projects (#1 and 2) was let and awarded for over \$100,000 under the engineer's estimate but is 10% higher than what was shown in the *TIP*. The North River Road at River Bend Hospital was let but the contract has not been awarded yet to one of the four bidders. The lowest bid is also higher than the amount shown in the *TIP*.

Ed Garrison asked what the North River Road project is.

Doug Poad replied that the portion of North River Road that floods out will be raised.

Jon Fricker asked if the letting list location map that was included in the packet is something new.

Sallie Fahey said we have been doing the map for a couple of months but it is "newish"

Ed Garrison said the Cherry Lane Project (#10) and The Happy Hollow Neighborhood Trail project (#11) will be let in February and not January as shown on the list.

VI. CITIZEN COMMENTS

Jan Myers said she is excited to see we want to use social media to get the public involved. She urged everyone to remember that many people failing under ADA cannot use Facebook, touchscreens, etc. She just want to make sure we do not use social media only because paper copies will still be needed. She attended the West Lafayette Council meeting because the scooter are often parked on the sidewalk. She hears that scooters are picked up every night to be recharged but she has seen several scooters parked in her neighborhood in the evening and they are in the same location in the morning.

Sallie Fahey thinks the scooter company often replaces the used scooters with charged scooters.

Ed Garrison said the scooters are dropped off in areas where there is demand for them. The companies know where the scooters that need to be picked up are and where they need to drop fresh ones off. He agrees that scooters parked haphazardly on the sidewalks is a problem.

Jan Myers said the sidewalks are being used as travel lanes for the scooters. She thinks that should be considered when looking at enforcement issues.

Jon Fricker said the scooters can travel at 15mph and that is a considerable speed to be riding on the sidewalk.

Jon Fricker said that the next Technical Transportation Committee meeting will be November 21, 2018.

VII. ADJOURNMENT

Ed Garrison moved to adjourn the meeting.

The meeting adjourned at 2:50 p.m.



Sallie Dell Fahey
Secretary

Tippecanoe County
Clondike Road

Lindberg Road

North River Road at River Bend Hospital

Concord Road at CR 430 South Intersection

River Road at CR 500 North

Morehouse Road Reconstruction

Yeager Road Reconstruction

McCutcheon Pedestrian Safety

Lafayette

Twyckenham Boulevard Reconstruction

Twyckenham Trail

Bicycle/Pedestrian Safety Awareness

Park East Boulevard Extension

West Lafayette

Happy Hollow Road

Kingston Drive Trail Connection

Happy Hollow Neighborhood Trail

Cherry Lane Extension (Road)

Soldiers Home Road, Phase 1

Sagamore Parkway Trail

Battle Ground

North Street Reconstruction

County Bridge Inspections