

The
AREA PLAN COMMISSION
of Tippecanoe County

Technical Transportation Committee Meeting

Date.....October 20, 2021
Time.....2:00 PM
Place.....Tippecanoe Room
County Office Building
20 North 3rd Street
Lafayette, Indiana

Comments must be made in-person. Members of the public may watch the livestream of the meeting at

<https://www.facebook.com/TippecanoeCountyIndiana> and
<https://www.youtube.com/channel/UCJleeA9ZQo9EIIgDZTdjurQ>

AGENDA

I. APPROVAL OF MINUTES FROM SEPTEMBER 15, 2021

Documents:

[Tech Minutes 09.15.2021.pdf](#)

II. TEAL ROAD UPDATE - SARA HECK, PROJECT MANAGER

III. ACCESS PERMITS

IV. APC PROGRESS REPORT

A. MPO Update

- i. Transportation Projects Survey Update
- ii. 2021 MPO Conference
- iii. STIP Updated with FY 2022 TIP
- iv. Big 4 Trail

B. INDOT 18-Month Letting List

Documents:

[Big 4 Trail Tech Staff Report.pdf](#)
[2021 October Lettings.pdf](#)

V. OTHER BUSINESS

VI. CITIZEN COMMENTS

VII. ADJOURNMENT

Next meeting is November 17, 2021.

All meetings will be held in-person at 2p on the third Wednesday of the month, at the Tippecanoe County office building's Tippecanoe room, until further notice. The meeting will still be streamed live on facebook and youtube. However, those wishing to make a public comment for the record must attend in-person.

Check the APC website at <http://tippecanoe.in.gov/378/Area-Plan-Commission-APC> for updates.

In accordance with the requirements of Title II of the Americans with Disabilities Act of 1990 ("ADA"), the Area Plan Commission of Tippecanoe County will not discriminate against qualified individuals with disabilities on the basis of disability in its services, programs, or activities. For more information visit www.tippecanoe.in.gov/ada

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

**MEETING MINUTES
Sep 15, 2021**

Due to the public health emergency, the meeting was held partially virtually. Members of the public may watch the livestream of the meeting at:

<https://www.facebook.com/TippecanoeCountyIndiana> or
<https://www.youtube.com/watch?v=8ML2Ev6HmOY>

VOTING MEMBERS PRESENT

Scott J. Chandler	INDOT
Marcus Smith	Purdue University
Noah Mattern	CityBus
Jon Fricker	JTRP
Stewart (Stu) Kline	Tippecanoe County Highway Engineer
Jeromy Grenard	City of Lafayette City
Bill Smith	INDOT

VOTING MEMBERS ABSENT

Scott Anderson	Lafayette Police Department
Mitch Lankford	City of West Lafayette

NON-VOTING MEMBERS PRESENT

Mike Spencer	Tippecanoe County Highway Department
David Griffiee	City of Lafayette
Justin Frazier	T-Bird Design Services
Aria Staiger	Area Plan Commission
Doug Poad	Area Plan Commission
Tim Stroshine	Area Plan Commission
Michael Thompson	Area Plan Commission

Jon Fricker called the meeting to order.

John Fricker said that Noah Mattern will be the proxy for Marty Sennett of CityBus.

Noah Mattern was approved as proxy by unanimous voice vote.

I. APPROVAL OF MINUTES

Stu Kline said that Colin Sullivan was erroneously listed as a voting member.

John Fricker said that he will be removed from the list of voting members.

Jeromy Grenard moved to approve the minutes from the August 18, 2021 meeting with corrections. Stu Kline seconded and the minutes, as corrected, were approved by unanimous voice vote.

II. ACCESS PERMITS

Justin Frazier: Access point from US 231 to proposed expanded Klondike school campus

Justin Frazier said the exhibit shows the existing conditions of Klondike School facilities on Klondike Rd. The elementary is on the north side of the site, and the middle school is on the south side. There are three existing access points along Klondike Rd and one on US 52, which is primarily used as a right-out only.

Justin Frazier said the project will be an expansion of the campus. There are two properties that are not currently owned by Tippecanoe School Corporation (TSC): the Shin property in green and the Krauss property in blue. TSC is acquiring both properties for the project. An existing access south on Klondike Rd will be improved.

Justin Frazier said the new building near US 231 will be a new middle school. All the students in the existing two buildings will be redistributed across three buildings in the future. The new middle school will be grades 6-8, the existing elementary school will be K-2, and the existing middle school will be 3-5. There will be redevelopment of the athletic campus.

Justin Frazier said that the new site will need the already-mentioned additional access on the south of Klondike Rd, as well as a new access on US 231. The plan for internal traffic is for buses to be separate from parent drop-offs. Drivers will be able to access all three schools internally without having to go back onto US 231 or Klondike Rd.

Justin Frazier said T-Bird has previously met with the Highway Department, Area Plan Commission, INDOT, and West Lafayette regarding the US 231 access. This access is within West Lafayette city limits. There will need to be a traffic study for this access, so T-Bird is asking the Committee for direction on what should be included in the study.

Scott Chandler asked what feedback T-Bird got from INDOT.

Justin Frazier said that there was already a curb cut and access opening on US 231. Justin Frazier said that INDOT told them to do a traffic impact study and bring it to the Committee, and that they were not necessarily opposed to a new access here. Justin Frazier said that INDOT said that they had seen schools in situations similar to this. Justin Frazier said that INDOT hoped a signal would not be warranted.

Scott Chandler said he remembered T-Bird showing that there would be no new breaks in access because there was already a break in access.

Justin Frazier said he didn't remember if there were any conditions put on that break.

Stu Kline said there was also some discussion about intersection type change, but that was further down the road in the traffic study.

Bill Smith said that in terms of a traffic study, INDOT would like to see: impact at the access point, whether there would be need for left turn lanes, auxiliary lanes, and if a signal would be warranted within the horizon year period.

Someone in the audience asked a question about pedestrian features.

Bill Smith said there are pedestrian features at signalized intersections along the US 231 corridor, except at the northern end at Sagamore Pkwy.

Tom Vanderburg with Michael Baker International in Indianapolis said that Michael Baker would provide a memorandum of understanding (MOU) for the scope of the traffic study so the county and INDOT can go over it with their questions. A signal warrant will be analyzed at the US 231 access. The access off Klondike Rd and pedestrian accommodations will also be reviewed.

Stu Kline asked if the proposed E-W road that accesses US 231 and Klondike Rd would become a public road.

Justin Frazier said T-Bird is still evaluating that and TSC hasn't decided. There are also cost impacts with utilities that will influence whether it is public or private. The width has already been determined.

Stu Kline asked if there was a commitment for access to the properties to the south.

Justin Frazier said there was no commitment.

Tim Stroshine said that APC staff has been working on commitments. It would be a later discussion.

Justin Frazier said that the property owners to the south were not currently ready for or wanting access.

Stu Kline asked what next steps for the project would be.

Bill Smith said that the next steps would be an traffic impacts study meeting with INDOT. Local participants would be invited.

Noah Mattern asked if any thought has been given to how development will impact CityBus routes. CityBus can provide ridership information.

Doug Poad said that there was a proposed trail on the south side of the proposed E-W road. APC's long-range plan also contains a proposed trail connecting US 231 and Klondike Rd. This area has been developing recently.

John Fricker asked if staff would like to see that trail preserved and built upon. If there is a signal at US 231, then it would also open pedestrian access from the east side of the road and. US 231 is currently a barrier to pedestrian traffic.

Doug Poad agreed.

Justin Frazier said that to the east, residents attend Burnett Creek, not Klondike.

Quik Trip

Doug Poad said this project is being discussed amongst APC staff. The location is off SR 43, just north of I-65. It's near the now-demolished old hotel. A developer is wanting to build a truck stop. With this proposal, the frontage road easement would disappear, and there are three access points off Northgate Ct. Sign setbacks and the subdivision process are currently being discussed by staff.

Doug Poad said that this item is in regards to the first driveway into the truck stop. To staff, the access looks too close to SR 43 especially if trucks are lined up to get out, or if RVs or vehicles with trailers are trying to get in. Staff is asking for the Committee's opinion on whether the driveway should be located there, and if it is, should it be right-in/ right-out, or if a barrier should be placed.

Scott Chandler said that it is definitely a concern that the driveway is too close to SR 43. A right-in/ right-out with a center island on Northgate Ct might be acceptable. Truck stops with only one access are challenging, like in this situation with just one access from SR 43. Either no access or right-in/ right-out with center island would be the way to go. A "porkchop" island on the entrance won't work.

Jeromy Grenard said that a right-in doesn't make sense, since there wouldn't be any traffic coming from the west on Northgate Ct. It seems like semis should only be using the further access.

Doug Poad said that this area is under the jurisdiction of Battle Ground, so Battle Ground through APC issues driveway permits.

Scott Chandler asked that INDOT be communicated with during that process. INDOT would like to know about impacts on SR 43, and if there's a traffic study, then INDOT could know whether a signal is warranted.

Doug Poad said that staff performed a road safety audit at the Speedway near this location a few years ago. The intersection of Northgate Ct and SR 43 was looked at at that time, and a possible improvement was a roundabout.

Tim Stroshine said that in addition to the roundabout, something else that was discussed was that trucks often parked overnight at the Speedway.

Doug Poad said that staff will coordinate with INDOT.

III. Amend the FY 2020-2024 and FY 2022-2026 TIPs

Doug Poad said that this amendment is an INDOT request. Because the new TIP has not been added to the current STIP, staff will be amending both TIPs. Two projects are already in the TIP. The SR 26 project is a small structure replacement and will be programmed in FY 2022 and 2023, and ROW is now \$100,000. The thin deck overlay project is US 52 bridge over NS Railroad and ROW is being programmed for FY 2022.

Doug Poad said the next five projects are new projects. Four are bridge projects and are on I-65 at 600 N, Swisher Rd, 900 E, and E County Line Road, and all are thin deck overlays. The last project is pavement patching on I-65 from SR 47 to SR 38; Construction Engineering (CE) and Preliminary Engineering (PE) are scheduled for this year.

Noah Mattern made a motion to approve the amendment. Jeromy Grenard seconded, and the motion was approved by unanimous voice vote.

IV. Administrative Modifications to the FY 2022-2026 TIP

Doug Poad said this is in regards to the Morehouse Rd project. It is now two phases. The des numbers for the phases have been swapped. Phase 1 is north of US 52 and goes to just north of Kalberer Rd. Phase 2 will go further north from Kalberer Rd to finish the project.

V. APC Progress Report

Transportation Projects Survey

Tim Stroshine said that the survey is the first step to developing a project list for staff's upcoming 2050 Metropolitan Transportation Plan (MTP). Staff will be in touch with the Committee to make a list of both fiscally constrained and unconstrained projects based on the 2045 MTP as well as citizen comments.

Annual Listing of Projects

Doug Poad said the Annual Listing of Projects (ALOP) lists all the projects that are in-progress over the past year. It is required by the federal transportation bill, the FAST Act. The ALOP lists all projects individually with a description, location, project goals, photos, funding information, timelines, estimated completion date, contractors, and more. There were 95 projects in the last year between INDOT and local jurisdictions. The FAST Act only requires that projects funded via federal gas tax funds be included. However, staff has also included locally-funded projects in the report for completeness.

Doug Poad said thank you for the detailed minutes for the Board of Works and Commissioners meetings. A lot of information comes from the minutes. Other information comes from CityBus.

Doug Poad said that the report also contains a completed projects section. Most completed projects have both before and after photos, as well as information about whether they were completed on schedule or not.

John Fricker thanked staff for their work on the document.

Teal Road Project Update

Doug Poad said that there are 8 utilities involved in the project. Utilities that have completed their relocations: Duke, US Signal, Indiana Data Line, and Lafayette Water. Metronet has moved their utilities but the process hasn't been finalized. Three utilities have not completed their relocations but anticipate being done by the end of the year: Frontier, Comcast, and Vectren.

Doug Poad said April 1, 2022 is still the anticipated start date for construction.

Jeromy Grenard asked if there are any details about phasing or where the project will start.

Doug Poad said he did not ask, but will ask.

Jeromy Grenard said that he had heard different things.

Tim Stroshine proposed having a project manager come to the next meeting to give an update.

Bill Smith said that the original phasing is out the window. He could arrange for the project manager to come.

INDOT 18-Month Letting List

Doug Poad said projects 1-4 are on today's bid letting. Project 5 has no changes, but the contract number has changed, which will show up in next month's report. Project 6 was initially scheduled for an August letting but was moved to an October letting. Projects 8-18 are the I-65 widening project and are on-track. Project 24, Sagamore Parkway Trail, is still on a January letting, and the NEPA documentation has been approved. Project 28's letting date has changed from January 2022 to March 2022. Projects 29 and 30 have no changes. Project 34 is a new traffic signal at SR 28 E junction; there is a temporary signal at that location. Project 38 was scheduled on a September 2022 letting, and has been moved to a January 2023 letting. Projects 41 and 42, Yeager Rd, are on an October 2022 letting.

VI. Other Business

There was no other business.

VII. CITIZEN COMMENTS

There were no citizen comments.

VIII. ADJOURNMENT

The meeting adjourned at 3:03 pm.

Respectfully Submitted,

Aria Staiger
Transportation Planner

Reviewed By,



David L. Hittle
Executive Director

Plan Adoption
Big 4 Trail Master Plan

Staff Report
October 13, 2021

BACKGROUND AND REQUEST:

The Cities of West Lafayette and Lafayette, along with Tippecanoe County, developed a master plan that explores the alignment and location of the Big 4 Trail extension. The study explored the feasibility of a multi-use pathway for pedestrians, bicyclists, and other non-motorized modes of transportation that addresses both recreation and transit intentions across Tippecanoe County. Not only will this trail connect multiple communities within the County, it will complete a missing puzzle piece in the Big 4 Regional Trail as development of the route continues throughout central and northwest Indiana

Originally named the Farm Heritage Trail, there has been significant progress in construction of the trail in Boone and Clinton Counties. It nearly connects the Town of Colfax to Zionsville with only three sections missing. Two of those sections recently received funds through the Next Level Trails program. Those funds will be used for construction.

The overall goals of the Master Plan focused on identifying the regional and local factors that could impact the future design of the Big 4 Trail through Tippecanoe County. The Master Plan identified a feasible route, along with alternate options, to help guide future planning and design efforts to establish the trail through future construction projects.

Projected outcomes from the Master Plan include eligibility for additional funding sources as well as helping local communities prioritize trail projects throughout the County. The Plan is available through the Area Plan Commission's website and can be found on the main web page.

RECOMMENDATION:

Staff recommends approval of this Plan to the Policy Board.

18 Month Letting List - October 4, 2021

(INDOT update: September 15, 2021)

		Letting Date	Road	Type of Work	Location	Des & Contract Number	Previous Letting Date
1	S	9/15/2021	US 52	Bridge Thin Deck Overlay	0.08 miles S of SR 26, over UNT Wabash River	1900666 B-42038	
2	S	9/15/2021	SR 25	Bridge Painting	1.01 mi S of US 231, over Wea Creek	2001070 B-42920	
3	S	9/15/2021	SR 38	Bridge Painting	1.37 mi W of I-65, EB over N&S RR	2001073 B-42920	
4	S	9/15/2021	SR 38	Bridge Painting	1.37 mi W of I-65, WB over N&S RR	2001074 B-42920	
5	S	10/14/2021	US 52	Bridge Replacement	Over Indian Creek	1701596 B-40580	
6	S	10/14/2021	District Wide	Pavement Maintenance	Various locations within Crawfordsville District	2001643 R-43118	
7	S	11/17/2021	District Wide	Bridge Maintenance	Various locations within Crawfordsville District	2001644 B-43121	
8	S	11/17/2021	SR 43	Intersection Improvement	At I-65 interchange, NB exit/entrance ramp terminus	1700188 R-42909	
9	S	11/17/2021	SR 43	Intersection Improvement	At I-65 interchange, SB exit/entrance ramp terminus	1700189 R-42909	
10	S	11/17/2021	I-65	Bridge Deck Replacement <i>(TIP shows project as Deck Replacement/Widening)</i>	NB Bridge over SR 43, 3.13 mi N of SR 25	1601088 B-42909	
11	S	11/17/2021	I-65	Bridge Deck Replacement	0.23 mi S of SR 43; SB over Prophets Rock Rd	2002117 B-42909	
12	S	11/17/2021	I-65	Bridge Deck Replacement	2.50 mi N of SR 43; CR 725N over I-65 SB/NB	2002364 B-42909	
13	S	11/17/2021	I-65	Added Travel Lanes	0.8 mi N of SR 43 to 2.43 mi N of SR 43	2100049 B-42909	
14	S	11/17/2021	I-65	Added Travel Lanes	1.33 mi N of SR 25 to 0.8 mi N of SR 43	2001172 B-42909	
15	S	11/17/2021	I-65	Bridge Deck Replacement	0.58 mi S of SR 43; NB over CSX, N 9TH ST, Burnett Cr	2002114 B-42909	
16	S	11/17/2021	I-65	Bridge Deck Overlay	0.58 mi S of SR 43; SB over CSX, N 9th St, Burnett Cr	2002115 B-42909	
17	S	11/17/2021	I-65	Bridge Deck Replacement	0.23 mi S of SR 43; NB over Prophets Rock Rd	2002116 B-42909	
18	S	11/17/2021	I-65	Bridge Deck Replacement	SB Bridge over SR 43, 3.13 mi N of SR 25	1601090 B-42909	
19	S	11/17/2021	District Wide	Bridge Maintenance	Various locations within Crawfordsville District	2001644 B-43121	
20	S	12/8/2021	I-65	Concrete Pavement Restoration (CPR)	At SR 38 Interchange, Ramp Pavement	1900647 R-42039	
21	S	12/8/2021	SR 38	HMA Overlay, Minor Structural	1.16 mi E of I-65 to US 421	1601074 R-40528	
22	S	12/8/2021	SR 26	HMA Overlay, Minor Structural	0.33 mi E of SR 55 to E jct to 8.57 mi E of SR 55	1700114 R-40577	

		Letting Date	Road	Type of Work	Location	Des & Contract Number	Previous Letting Date
23	S	12/8/2021	SR 26	Small Structure Replacement	8.70 mi E of SR 55	1800130 R-40577	
24	S	1/12/2022	Sagamore Parkway Trail	Bike/Pedestrian Facilities	from Happy Hollow to the bridge over the Wabash River Bridge	1401287 R-37915	
25	S	2/9/2022	District Wide	Centerline & Edge Line Rumble Stripes Installation	Various locations within Crawfordsville District	2002396 T-43377	
26	S	3/9/2022	SR 26	Small Structure Replacement	5.75 mi W of US 231, Over Southworth Branch	1500121 R-40569	
27	S	3/9/2022	District Wide	ITS Program Equipment	Various locations within Crawfordsville District	2002493 T-43395	
28	S	3/9/2022	SR 25	Scour Protection (Erosion)	4.01 mi N of SR 28, over Flint Creek	2001069 B-42056	
29	S	4/6/2022	US 52	Auxiliary Lanes, Accel & Decel or Turn Lanes	Various intersection locations (9) from Lafayette to Lebanon	1902679 T-42602	
30	S	4/6/2022	US 52	Auxiliary Lanes, Accel & Decel or Turn Lanes	CR 400 S in Tippecanoe County to CR 700 S in Clinton County	2002394 T-42602	
31	S	7/13/2022	US 231	Bridge Thin Deck Overlay	0.62 mi N of US 52 N JCT, over Little Pine Creek	2000117 B-42529	
32	S	7/13/2022	US 231	Bridge Thin Deck Overlay	4.18 mi S of SR 25, over O'Neal Ditch	2000126 B-42925	
33	S	7/13/2022	SR 43	Bridge Thin Deck Overlay	0.65 mi S of SR 225, over Burnett Creek	2000871 B-42925	
34	S	7/13/2022	US 52	New Signal Installation	at SR 28 E jct	2100144 T-43668	
35	S	9/14/2022	US 231	HMA Overlay, Preventive Maintenance	From 4.27 mi S of SR 28 to 0.66 mi S of SR 28	2000867 R-41623	
36	S	9/14/2022	US 231	Auxiliary Lanes, Passing	From 4.19 mi N of I-74 to 2.53 mi N of SR 28	1700190 R-41623	
37	S	10/13/2022	SR 43	Bridge Replacement	BR over Walters Ditch; 1.53 mi N of SR 225	1800076 B-41585	
38	S	10/13/2022	SR 225	Small Structure Replacement	0.10 mi N of SR 25	1800149 B-41585	
39	S	10/13/2022	Yeager Road	Road Reconstruction (3R/4R Standards)	Yeager Road app. 0.32 miles N of Kalberer Rd. to CR 500N	1401281 B-37907	
40	S	11/16/2022	McCutcheon Ped Safety	Bike/Pedestrian Facilities	Old US 231 and McCutcheon High school	1601028 R-39582	
41	S	11/16/2022	US 52	Scour Protection (Erosion)	1.01 mi W of US 231, over Little Pine Creek	2000103 B-42941	
42	C	1/19/2023	I-65	Repair Or Replace Joints	over I-65 NB/SBL, 4.77 mi N of SR 43	2101013 B-43828	9/14/2022
43	C	2/15/2023	SR 28	Repair Or Replace Joints	over East Branch Wea Creek, 4.27 mi E of US 231	2100886 B-43827	9/14/2022

Same, **N**ew, **C**hange, **N**ot Listed, **R**elisted

Bid Letting Results

9/15/2021	US 52	Bridge Thin Deck Overlay	0.08 miles S of SR 26, over UNT Wabash River	1900666 <i>B-42038</i>	
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Engineers Estimate: \$687,957.00

Two Bids

Awarded to Ram Construction Services of Michigan Inc. for \$479,315.86

Completion Date: July 22, 2022

Note: three projects in this contract and other two are in Benton County on US 52 and US 41

9/15/2021	SR 25	Bridge Painting	1.01 mi S of US 231, over Wea Creek	2001070 <i>B-42920</i>	
9/15/2021	SR 38	Bridge Painting	1.37 mi W of I-65, EB over N&S RR	2001073 <i>B-42920</i>	
9/15/2021	SR 38	Bridge Painting	1.37 mi W of I-65, WB over N&S RR	2001074 <i>B-42920</i>	

Engineers Estimate: \$913,194.07

Five Bids

Awarded to Olympus Painting LLC. for \$450,452.00

Completion Date: August 1, 2022

Note: these three projects are the only ones in this contract