The
AREA PLAN COMMISSION
of Tippecanoe County

MPO Policy Board Meeting

Date.....January 09, 2019
Time.....2:00 PM
Place.....Lafayette City Hall
Board of Works Room
20 North 6th Street
Lafayette, Indiana

AGENDA

I. APPROVAL OF MINUTES FROM DECEMBER 12, 2019

Documents:

MPO Policy Board 12.12.19.pdf

II. RESOLUTION T 2020-01: RESOLUTION TO AMEND THE FY 2020-2024 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

A. Program an INDOT project to add new lanes at four intersections on US 52

Documents:

TIP Amendment INDOT Policy Rpt January 2020.pdf

III. ADMINISTRATIVE MODIFICATIONS FOR THE FY 2020-2024 TIP

A. December 27, 2019 - reallocate $15,067 in FY 2020 STBG funds from ROW to PE for Yeager Rd project

Documents:

FY 2020 TIP Modification Yeager Road PE Mitigation.pdf

IV. APC PROGRESS REPORT

A. MPO Update
   i. 2020 and 2021 traffic count locations
B. INDOT 18-Month Letting List

Documents:

2020 January Lettings.pdf
2020 01 Lettings Map.pdf

V. OTHER BUSINESS

VI. CITIZEN COMMENTS

VII. ADJOURNMENT

Next meeting is February 13, 2020

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

MPO POLICY BOARD

Minutes
December 12, 2019
2:00 pm
Lafayette City Hall Board of Works Room

MEMBERS PRESENT

John Dennis	Mayor, City of West Lafayette
Bryan Metzger	President, Tippecanoe County Council
Tom Murtaugh	President Area Plan Commission
Dave Byers	President, County Commissioners
Peter Bunder	President, West Lafayette Council
Cindy Murray	Lafayette Board of Works
Mike Gibson	Chair, GLPTC
Shane Spears	INDOT

Absent Voting Members

Tony Roswarski	Mayor, City of Lafayette
Ron Campbell	President, Lafayette City Council

Non-Voting Members Present

David Griffee	City of Lafayette, Engineering
Marty Sennett	CityBus
Jeromy Grenard	City of Lafayette, Engineering
Ed Garrison	City of West Lafayette, Engineering
Stewart Kline	Tippecanoe County Highway Dept.
Sallie Fahey	Executive Director, Area Plan Commission
Doug Poad	APC Staff
Tim Stroshine	APC Staff
Aria Staiger	APC Staff

Vice President John Dennis called the meeting to order at 2:00 pm.

I. APPROVAL OF MINUTES

Bryan Metzenger moved to approve the minutes from the November 14, 2019 meeting. Mike Gibson seconded. The minutes, as submitted, were approved by unanimous voice vote.

II. QUARTERLY REPORTS

Tippecanoe County

Tim Stroshine said the Klondike Road project should have enough funding to cover the change orders and the railroad cost overrun. The Lindberg Road project is projected to be cleared for a fall 2020 letting date with construction likely to start in the spring 2021. West Lafayette has promised to contribute some funding for this project. North River Road and Concord Road have both reopened. The River Road at CR 500N project has two parcels in condemnation that are holding up progress. Once this is completed, right-of-way should be cleared. The Morehouse Road project will change its letting date to match the FY 2020 TIP. The Yeager Road project has had some issues due to the environmental report that was supposed to be done by Thanksgiving holding up right-of-way. INDOT and the county have agreed to lean on the consultant to try to get the environmental report moving.

Stewart Kline said INDOT will be expediting the approval of the report.

Tim Stroshine said the McCutcheon Pedestrian Safety Project should have an environmental report completed by the end of the year. The last three projects in Tippecanoe County had no comments.

Lafayette

The Twyckenham Boulevard project has been awarded a CE contract. The Twyckenham Trail project and the Bicycle/Pedestrian Safety Awareness project are almost closed out; it is only a matter of closing out final invoices and purchases orders. The Park East Boulevard project should have the environmental report finished soon. The Concord Road Trail Lighting project cost estimate came in higher than anticipated. No comments were given for the South 9th Street project.

West Lafayette

The Happy Hollow Neighborhood Trail project is substantially complete. The Cherry Lane Extension is also substantially complete with only change orders to be finalized. The Soldiers Home Road Phase 1 project has an estimated preliminary engineering cost of $846,200 which could change if the project requires phasing changes. The Sagamore Parkway Trail has set its alignment which should allow for progress on the environmental report.

Town of Dayton

The Yost Road project has been given notice to proceed and Butler, Fairman, and Seufert has been selected as the consultant for this project.

III. APC PROGRESS REPORT
MPO Update
Bike Crash Report

Doug Poad said the previous report was released in Spring 2014. The updated report mirrors the same information from the previous report. The report lists statistics for injury crashes and fatality crashes by time, day of the week and month. The report also looks at the age of the cyclists and the location of the crash. This report looks at the 228 reported crashes that involved bicycles in Tippecanoe County in 2013 through 2017. This is an average of 46 bicyclist-vehicle crashes a year. The crashes were most prevalent during September and October on Wednesdays. Comparing the bicycle crashes to total crashes, less than 1% involve a bicycle. Unfortunately, there was one fatality during this study. This occurred in 2013 on North 9th Street. Cyclists sustained injuries in three of four crashes. Looking back at the previous study, this is a slight improvement from 80% previously reported. Over 46% of the crashes involved cyclists between the ages of 16 and 24. Male cyclists were involved in over 85% of all the bicycle crashes. The most common cause was failure to yield. Looking at the four areas, Lafayette, West Lafayette, Purdue campus and the county, there were 113 crashes in Lafayette and 63 crashes on Purdue campus. In the previous report there were 129 in Lafayette and 124 on Purdue campus. The construction that occurred on campus during this time may have contributed to fewer crashes. The intersection of State Street and Salisbury had the highest number of crashes, 5, of any other intersection. The previous report listed State Street at River Road and State at Salisbury each having 7 crashes. Roughly one-third of the crashes occurred when cyclists were riding on the sidewalk.

Sallie Fahey said it may be important for regulation and enforcement to get bikes off sidewalks.

Doug Poad said a comparison of the total number of crashes in Tippecanoe County and the state was made. The percentage of bicycle crashes in Tippecanoe County is higher than the percentage of bicycle crashes in the state of Indiana. One section of the report was tailored to be used in the future to establish safety performance measures.

Cindy Murray asked if citations given to cyclists are counted. She asked if staff had access to that information.

Doug Poad said he does not have access to that information.

Cindy Murray asked if when the cyclist is at fault, if they receive a citation or a ticket.

John Dennis said they would be cited if they were a contributing factor to an accident.

Doug Poad said the report looked at cyclists at fault versus motorists at fault; the outcome was roughly 50/50. This is the same with the previous study.

Mike Gibson asked if the electric scooters were included in the study. He asked if they were not, if they would be included in future studies.

Doug Poad said the scooters were not included in the study. Staff read each crash report which included whether the person was on a scooter or skateboard. If the person was on a skateboard or scooter, it was pulled.

FY 2020 Safety Performance Measures and Targets Agreement

Sallie Fahey said each MPO in Indiana is supporting the state's safety targets. The handout gives the target rates given to the MPOs by INDOT. For calendar year 2020, the target is to have 907.7 or fewer fatalities. The fatality rate is 1.097 and is calculated by vehicle miles traveled per hundred million miles of travel. The target for serious injuries is 3,467.4 or fewer and the serious injury rate would be 4.178. The last target is the total number of non-motorized fatalities and serious injuries at 405.9 or fewer. These would be bicycle or pedestrian types of crashes. The last page in the handout includes the draft letter that lists the targets and this MPO's support of the state's safety targets. The targets last year were worse in some areas and better in others. In 2019, the target number of fatalities was 889.6 and the rate of fatalities per hundred million miles was 1.087 which are both increased in the coming year. The target for serious injuries is better this coming year compared to the 2019 target of 3,501.9. The serious injury rate is also better from 4.234 in 2019. The number of non-motorized fatalities and serious injuries target in 2019 was 393.6 which is better than the upcoming target. These targets are based on a five-year rolling average.

Tom Murtaugh moved that the Policy Board of the Lafayette MPO supports the state's performance measures and targets for safety for FY 2020 and authorizes the Executive Director to sign the letter expressing that support. John Dennis seconded. The motion was passed by unanimous voice vote.

MPO Funding Swaps

Sallie Fahey said at the previous MPO Director's meeting, it was discussed which MPOs have money they would not be able to use and which MPOs needed money. She said we need money in FY 2021 for the North River Road at CR 500 Safety Project. We currently receive $700,000 a year in safety money but would need another $1.4 million to complete that project. She asked that in FY 2020, we give our $700,000 to another MPO in exchange for receiving that money in 2021. Along with another MPO that would give us their 2021 money that we would repay in 2022. These swaps would bring a total of $2.1 million in federal funds which is needed for this project. Terre Haute has about $2 million total they need to get rid of. Our MPO could receive $700,000 from them but they didn't want to pay back until 2022. However in a later communication, they said they might have some flexibility. This would give us two thirds of the funding needed. She said she is needing a commitment from another MPO to solidify this plan.

18-Month Letting List

Doug Poad said Projects 1 through 10 were on a November letting date and were awarded to HIS Constructors for $1.5 million which is roughly $200,000 under the engineer's estimate. These projects have an estimated completion date of October 31, 2020. All these projects are bridge maintenance projects.

Projects 11 through 14 had a December letting date. The lowest bid for Project 11 was Milestone at $3,485,807 which is under the engineer estimate of $3.75 million. The sign-off for federal funding has been received. Project 12 and 13 only had one bid submitted and was over the engineer's estimate. The lowest bid for Project 14 was from Reith Riley at $800,000 which was under the engineer's estimate. The Concord Road Lighting project letting date was changed from May to March. There is a new project listed for Park East Boulevard.

IV. NEW BUSINESS

None.

V. CITIZEN COMMENT

None

VI. ADJOURNEMNT

Dave Byers moved to adjourn. Mike Gibson seconded.

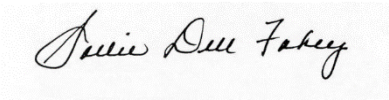
The meeting adjourned at 2:25 pm.

Respectfully Submitted,

Chyna R. Lynch

Recording Secretary

Reviewed By,



Sallie Fahey

Executive Director

FY 2020-2024 TIP Amendment
Indiana Department of Transportation

Staff Report
January 2, 2020

BACKGROUND AND REQUEST:

The Indiana Department of Transportation requests an amendment to program a new project. The scope involves adding auxiliary, acceleration, deceleration and turn lanes at nine intersections on US 52. Of the nine intersections, four are located in Tippecanoe County at CR 450S, CR 800S and the north and south junctions at SR 28. The other five intersections are in Clinton and Boone Counties.

Preliminary engineering will begin in FY 2020 at an estimated cost of $200,000. INDOT plans to use STBG federal funds. Construction is scheduled for FY 2022 with an estimated cost just over $2.3 million. INDOT will use a combination of STBG federal funds and state funds.

The following table provides detailed information about the project.

US 52, various intersection locations (des #1902679)
Contract # T-42602
Aux Lanes, Accel & Decel or Turn Lanes

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2020	STBG	200,000	50,000	250,000
New	CN	2022	STBG	1,876,958	469,240	2,346,198

The Technical Transportation Committee reviewed the amendment at its December 18, 2019 meeting and recommended approval.

RECOMMENDATION:

Staff recommends approval of this amendment to the FY 2020-2021 TIP by adoption of the attached Resolution T-20-01.

Resolution T-20-01

RESOLUTION TO AMEND THE
FY 2020-2024 TRANSPORTATION IMPROVEMENT PROGRAM

WHEREAS, the Area Plan Commission of Tippecanoe County has been designated the Metropolitan Planning Organization by the Governor, and

WHEREAS, it is required that a Transportation Improvement Program be developed that includes all local and state transportation projects for which US Department of Transportation funds are being requested, and

WHEREAS, the Indiana Department of Transportation requested changes to the FY 2020-2024 Transportation Improvement Program as follows:

Project & Location	Year	Federal Funding	Phase	Federal Share	State/Local Share	Total Cost
Contract # T-42602, Des #1902679						
US 52	2020	STBG	PE	200,000	50,000	250,000
Various Intersections	2022	STBG	CN	1,876,958	469,240	2,346,198

WHEREAS, the Technical Transportation Committee reviewed the requests at its December 18, 2019 meeting and recommended their inclusion in the FY 2020-2024 Transportation Improvement Program.

NOW THEREFORE BE IT RESOLVED that the Policy Board of the Metropolitan Planning Organization does hereby adopt these amendments to the FY 2020-2024 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday the 9th of January, 2020.

_____
Tony Roswarski
Chairman

_____
Sallie Dell Fahey
Secretary

THE Area Plan Commission of TIPPECANOE COUNTY

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

December 27, 2019
Ref. No.: 2019-326

Susie Kemp, Local Program Director
INDOT Crawfordsville District
41 West 300 North
Crawfordsville, IN 47933

Dear Susie:

By this letter I am administratively modifying the FY 2020-2024 TIP. This modification reallocates $15,067 in FY 2020 STBG funds from the right-of-way phase of the Yeager Road project, des #1401281 to the preliminary engineering phase for compensatory mitigation.

The attached spreadsheet shows the details. Please call if you have any questions or need additional information.

Sincerely,

Sallie Dell Fahey
Executive Director

attachment

cc Stu Kline, Executive Director
Carla Sheets, INDOT Crawfordsville District Office
Ann Bishop, INDOT Crawfordsville District Office
Justin Sergent, INDOT Central Office
Stephani Vermillion, INDOT Central Office

TIP ADMINISTRATIVE MODIFICATION, DECEMBER 27, 2019

Project	Des Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
Park East	1401281, Yeager Road									
		2020	STBG	RW	166,063	-15,067	150,996	37,749	188,745	*A portion of the federal funds from the right-of-way phase*
			STBG	PE	0	15,067	15,067	3,767	18,834	*has been reallocated to the PE phase for compensatory mitigation.*

18 Month Letting List - December 27, 2019

(INDOT update: December 15, 2019)

		Letting Date	Road	Type of Work	Location	Des & Contract Number	Previous Letting Date
1	**S**	12/11/2019	Twyckenham Boulevard	From Poland Hill road to South 9th street	Road Reconstruction (3R/4R Standards)	1401285 *R-37906*	
2	**S**	12/11/2019	US 231	Debris Removal From Channel	over Big Wea Cr; Elliott Dt, 01.28 mi S of SR 25	1801344 *41411*	
3	**S**	12/11/2019	US 231	Debris Removal From Channel	over Big Wea Cr; Elliott Dt, 01.28 mi S of SR 25	1801338 *41411*	
4	**S**	12/11/2019	US 52	Asphalt Patching	Various Terminal Joints throughout Tippecanoe County (TCAPC)	1901663 *42126*	
5	**S**	2/5/2020	US 231	New Signal Installation	at CR-800 S intersection; 2.95 mi N of SR-28	1802809 *41836*	
6	**S**	2/5/2020	US 231	New Signal Installation	US-231 at the SR-28 intersection	1802807 *41836*	
7	**S**	2/5/2020	SR 26	New Signal Installation	at CR-900 E intersection, 4.71 mi E of I-65	1802820 *41836*	
8	**S**	3/4/2020	SR 25	Small Structure Replacement	1.51 mi S of SR 28, W Jct, Over Wallace Ditch	1500120 *41880*	
9	**S**	3/4/2020	I-65	ITS Traffic Management Systems	CCTV/DMS from 1.5 miles south of SR 47 to US 24/231 (Exit 201)	1800572 *41233*	
10	**NL**	3/4/2020	SR 38	Debris Removal From Channel	over S Fork Wildcat Creek; 01.70 mi E of I-65	1801353 *41400*	
11	**S**	3/4/2020	Concord Road	Lighting	from Maple Point Drive Extension to Veterans Memorial	1900477 *41911*	
12	**S**	4/1/2020	SR 225	Bridge Deck Overlay	over Burnett Creek; 1.24mi S of SR 43	1702137 *40523*	
13	**S**	4/1/2020	SR 225	Bridge Deck Overlay	over Burnett Creek; 1.95 mi S of SR 43	1701548 *40523*	
14	**S**	4/1/2020	I-65	Bridge Maintenance And Repair	0.23 mi S of SR 43 (SB)	1901580 *42092*	
15	**S**	4/1/2020	I-65	Bridge Maintenance And Repair	0.23 mi S of SR 43 (NB)	1901578 *42092*	
16	**S**	4/1/2020	I-65	Bridge Deck Patching	0.58 mi S of SR 43	1901585 *42095*	
17	**S**	4/1/2020	I-65	Small Structure Pipe Lining	over Unnamed Ditch/Creek; 2.87 mi N of SR 43	1701549 *40527*	
18	**S**	7/8/2020	Lindberg Road	Road Reconstruction (3R/4R Standards)	Lindberg road from Klondike to McCormick	1173627 *35297*	
19	**S**	11/10/2020	N. River Road	Intersect. Improv. W/ Added Turn Lanes	CR 500 N approach in Tippecanoe County	1401279 37908	
20	**S**	1/13/2021	Park East Boulevard	New Road Construction	New Road between Haggerty Lane and SR 38	1700405 *40125*	

Same, **N**ew, **C**hange, **N**ot **L**isted, **R**elisted

Bid Letting Results

12/11/2019	Twyckenham Boulevard	From Poland Hill road to South 9th street	Road Reconstruction (3R/4R Standards)	1401285 *R-37906*

Project awarded to Milestone Contractors LP for $3,485,807.40
Engineer's estimate: $3,753,719.63
Two bids submitted
Estimated completion date: May 1, 2021

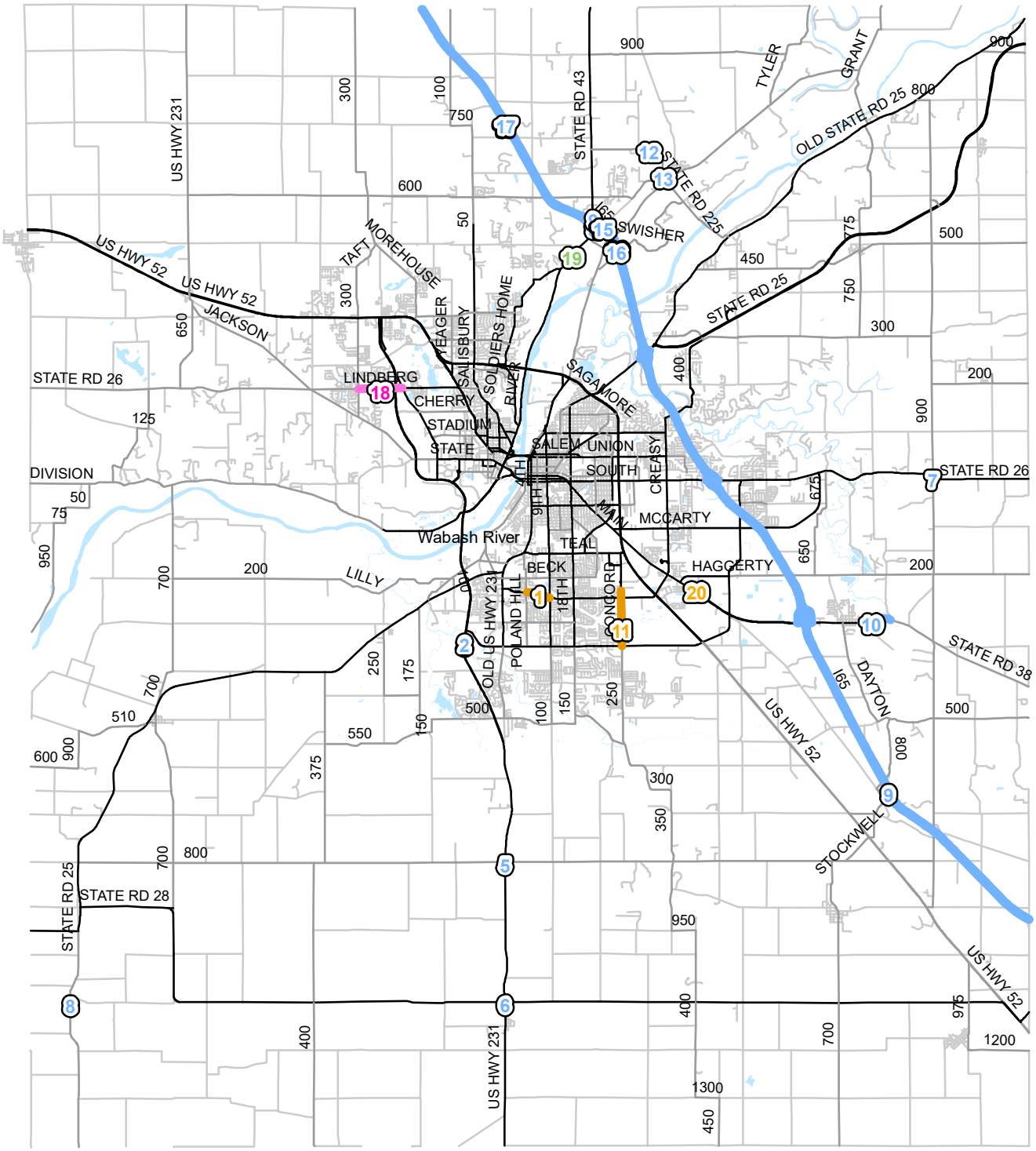
12/11/2019	US 231	Debris Removal From Channel	over Big Wea Cr; Elliott Dt, 01.28 mi S of SR 25	1801344 *41411*
12/11/2019	US 231	Debris Removal From Channel	over Big Wea Cr; Elliott Dt, 01.28 mi S of SR 25	1801338 *41411*

Project award shown as pending with note
Note: Additional time is required for INDOT, Economic Opportunity Division, good faith efforts review
Engineer's estimate: bid above estimate
One bid submitted, Linkel Company LLC for $940,167.00
Estimated completion date: September 30, 2020

12/11/2019	US 52	Asphalt Patching	Various Terminal Joints throughout Crawfordsville District	1901663 R-*42126*

Project awarded to Rieth Riley Construction for $794,070.00
Engineer's estimate: $844,328.44
Three bids submitted
Estimated completion date: July 30, 2020

January 18-Month Letting List



THE Area Plan Commission of TIPPECANOE COUNTY

N W E S

12/30/2019

- Lafayette
- West Lafayette
- County
- INDOT