

The
AREA PLAN COMMISSION
of Tippecanoe County

Technical Transportation Committee Meeting

Date.....January 20, 2021
Time.....2:30 PM
Place.....Tippecanoe Room
County Office Building
20 North 3rd Street
Lafayette, Indiana

Due to the public health emergency, public comment on agenda items may be submitted prior to the meeting at apc@tippecanoe.in.gov. Comments must include name and address to be heard. Comments may also be made live on the streaming platforms. 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 DECEMBER 16, 2020

Documents:

[Tech Minutes 12.16.2020 .pdf](#)

II. ACCESS PERMITS

III. AMEND THE FY 2020-2024 TIP

A. INDOT: update eight programmed I-65 widening projects

Documents:

[TIP Amendment INDOT Tech Rpt January 2021.pdf](#)

IV. ADMINISTRATIVE MODIFICATIONS TO THE FY 2020-2024 TIP

A. January 06, 2021

Documents:

V. APC PROGRESS REPORT

- A. MPO Update
 - i. Complete Street Compliance Determination
 - ii. FY 2022-2026 TIP Project Financial Constraint & Prioritization
- B. INDOT 18-Month Letting List

Documents:

[Complete Street Compliant Report 22 TIP.pdf](#)
[Tech Priority Report 22 TIP Version B.pdf](#)
[2021 January Lettings.pdf](#)

VI. OTHER BUSINESS

VII. CITIZEN COMMENTS

VIII. ADJOURNMENT

Next meeting is February 17, 2021

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
December 16, 2020**

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

<https://www.facebook.com/TippecanoeCountyIndiana> or
<https://www.youtube.com/channel/UCJleeA9ZQo9E11GdZTdjurQ/featured>

VOTING MEMBERS PRESENT

Jon Fricker	JTRP
Scott Chandler (proxy for Bill Smith)	INDOT – Crawfordsville Division
Mitch Lankford	West Lafayette City Engineer
Jeromy Grenard	Lafayette City Engineer
Bryce Gibson (proxy for Marty Sennett)	CityBus
Jason Philhower (proxy for Troy Harris)	West Lafayette Police Department
Adam Keyster	Purdue University Airport
Sallie Fahey	Area Plan Commission
John Ricks (proxy for Rob Hainje)	Tippecanoe County Sheriff's Department

VOTING MEMBERS ABSENT

William Carpenter	Lafayette Police Department
Stewart Kline	Tippecanoe County Highway Engineer

NON-VOTING MEMBERS PRESENT

Dave Griffie	City of Lafayette
Aria Staiger	APC
Doug Poad	APC
Chyna Lynch	APC
Tim Stroshine	APC

Jon Fricker called the meeting to order and called the roll to establish members present.

I. APPROVAL OF MINUTES

Mitch Lankford moved to approve the minutes from the November 18, 2020 meeting as submitted. Jeromy Grenard seconded and the minutes, as submitted, were approved by unanimous voice vote.

II. ACCESS PERMITS

Scott Chandler said there are no new permits. The two that are in progress for Loves and Speedway are still waiting for revisions.

III. AMEND THE FY 2020-2024 TIP

INDOT: signal installation at 900 E; HMA overlay on SR 38 from 1 mile east of I-65 to US 421; bridge replacement on SR 43 over the Walter Ditch; ITS equipment on NB I-65 before SR 43, SB I-65 before SR 25, and SB I-65 before SR 28.

Doug Poad said we have received a request from the Crawfordsville District Office to amend the TIP. It involves four projects. Three of which are already programmed in the TIP. Two of the projects involve adding federal and state funds for the right-of-way phase. One project is located on SR 26 at the CR 900E intersection for additional intersection improvements. The other project is on SR 43 over the Wallace Ditch and will be a bridge replacement project located north of CR 600 N. The third project is located on SR 38

and involves changing the project scope which will change the construction costs. Currently, this is an overlay project that included SR 38 between the east side of Dayton to US 421. This will now be a full depth reclamation project with the cost changing from \$6.6 million to \$10.17 million. The fourth project is an ITS equipment project that is district wide. There are three locations in Tippecanoe County on I-65. One is on the northbound travel lane before the SR 43 interchange. The others are on the southbound travel lanes north of SR 25 and north of SR 28. Staff recommended approval to the Policy Board.

Jon Fricker said there would be a one-minute pause for citizen comment.

Jeromy Grenard moved to recommend approval to amend the FY 2020-2024 TIP. Mitch Lankford seconded. Jon Fricker conducted a vote by roll call and the motion was approved unanimously.

IV. APC PROGRESS REPORT

MPO Update

Metropolitan Transportation Plan Survey Update

Tim Stroshine presented the results from the second survey. He said in order to score this, staff had participants rank each different objective within each category from 1 to 5 with 1 being most important and 5 being least important. After tabulating all the scores, staff was able to sort and see which goals were most important to participants. One of the goals includes enhancing transportation options and accessibility for all users. The two main objectives for this goal are to add sidewalk ramps where they are missing and to repair sidewalks to eliminate trip hazards. These are both about the physical infrastructure and making sure it is fit for use by people of all ability levels. The next goal is to improve, expand and connect sidewalks, trails and bike lanes. The main objectives of this goal are to construct sidewalks to allow for longer trips and connect existing trails to each other. These speak to connectivity and making sure people can take a whole trip safely on a sidewalk or trail and not walk on the shoulder of a road.

In the transit category, the highest scoring objectives were about expanding and improving transit service. One of the goals was to add passenger rail service to major cities. This was either listed as the most important objective to the participant or the least important. There is a group of people that would use this service if it was available.

Jon Fricker asked who this survey was administered to.

Tim Stroshine said staff used the available channels for the first survey. It was posted on all social media outlets and was also sent out to members of the Citizen Participation Committee for distribution on their social media and websites.

Jon Fricker asked what the next step in this is.

Tim Stroshine said this relates to the next agenda item, the CPC Update. The information was presented at the CPC earlier this month and the members agreed that these goals and objectives made sense. Now the next step is for us to put some performance measures together as a staff. Once these are put together, they will be brought back to this Committee for a recommendation for official adoption to the Policy Board.

Sallie Fahey said the first survey, which created and prioritized the goals, had over 500 respondents and the second survey had over 200 respondents. Tim has the exact numbers.

Tim Stroshine said we had 591 respondents for the first survey and 223 for the second survey.

Citizen Participation Committee Update

Tim Stroshine said at the CPC meeting this month, in addition to the survey results, Doug presented a summary of what the TIP is used for and why it is important. He also mentioned that we will be taking more information back to the CPC in March. This Committee will also see the TIP because many of the local government engineers have already started submitting project lists.

FY 2022 TIP Update

Doug Poad said we are still at the early stages of developing the new document. The deadline to submit projects was December 4 and we received information from everyone. He said he created the two lists in the packet with this information and presented it at the CPC meeting. The first list is for local projects. The City of Lafayette has three projects with one on South 9th Street and has received federal funds for right-of-way and construction. The second project on Park East Boulevard will construct the last piece. The third project on South Street just east of Sagamore Parkway to I-65 will create more sidewalks and trails to make it more pedestrian friendly. The City of West Lafayette submitted five projects. Three of which are requesting federal funds for the construction of Sagamore Parkway Trail, engineering for the Cherry Lane extension and for the right-of-way for Soldiers Home Road. Two of the projects will use local funds for Cumberland Avenue and Lindberg Road.

Tippecanoe County has numerous projects. The first is the annual bridge inspection project. There are four projects all related to N 9th Street. The county has submitted a request for Group 4 funds which will cover the rural portion of rehabilitating the road, putting a new bridge deck on the bridge over the Wabash River and building a sidewalk from Davis Ferry Park up to the Wabash Heritage Trail. The request for federal funds will build the urban portion of the trail where the trail stops in Lafayette and to the Community Corrections Facility. The next project is requesting federal funds to construct the pedestrian safety improvements at McCutcheon High School and the elementary school. Morehouse Road and Yeager Road projects are asking for federal funds for right-of-way and construction. Three bridges projects, two on Lilly Road and one over Wea Creek are using Group 4 funds. There are numerous bridges that will be replaced or rehabilitated. This is an overall list of what the cities and county would like to do and all of these will not get done in the five years. We did not receive any projects from Battle Ground, Clarks Hill or Dayton.

City Bus has numerous projects that are requesting federal funding for operations and major capital projects like replacing engine transmissions, computer hardware and software, and bus replacement. There are also projects from the Purdue Airport that include a fire rescue vehicle, snow removal equipment and work on one of the runways.

There is also a list for INDOT projects. There are roughly 60 projects with the majority being maintenance projects. The biggest projects that will be programmed in the new TIP will be adding travel lanes on I-65 beginning where the bridge widening projects are under construction past SR 43 just north of CR 725 N. The second largest project will be on SR 38 for the full depth reclamation. The third project will add auxiliary passing lanes on US 231 S with a target date in 2023. The next project is on SR 26 in the western part of the county for a structural overlay. The last project is a bridge rehabilitation on SR 225 over the Wabash River. At the next meeting, we will discuss and allocate the \$4 million in STBG, \$727,000 in Safety funds and \$200,000 in Transportation Alternative funds. There are quite a few requests with a difference of \$3 million so not many projects will have to be dropped.

FY 2021 Safety Performance Measures and Targets Agreement

Sallie Fahey said every year all MPOs are required to either concur with the state's targets for safety measures or create their own. To date, all MPOs in Indiana have supported state targets. These targets are for the number of fatalities, rate of fatalities, the number of serious injuries within those crashes, the rate of serious injuries and the number of non-motorized fatalities plus serious injuries. These five targets must be set by INDOT each year. The Policy Board approved the 2021 targets at their previous meeting.

Our concurrence with those targets has been sent to the appropriate staff at INDOT Central Office. In April, INDOT got word that the Federal Highway Administration gave them approval for having met four of the five targets from 2018. Four of the five targets must be met or more money must be used for safety projects.

INDOT 18-Month Letting List

Doug Poad said this list is extensive with numerous projects coming in the remaining part of this fiscal year. The first six projects listed were on a November letting. The first project was on one contract and was let for \$1.48 million. There were five bids submitted. This project is to replace a superstructure over the Big Shawnee Creek on SR 25 and has an estimated completion date of October 2021. The next projects are on I-65 for bridge painting. There were six bids submitted and the project was let for \$2.37 million with an estimated completion date of November 2021. Projects 7 through 16 have two contracts and had five bids submitted. Superior Construction was the low bid at \$5 million. The remaining projects are on various roads and had four bids submitted. Ram Construction was the low bid at \$974,000 which was below the engineer's estimate of \$1.56 million.

There are five projects for the January letting. Three of which are local projects that will obligate all of our federal funds. The other two projects are on SR 38 on the section between US 231 and US 52 and a concrete pavement preservation on SR 26 at the east interchange. For the remaining part of the FY, there are projects scheduled for February, March and April. All of the projects listed for February are related to thin deck overlays on the Hoosier Heartland. The project in March is on SR 38 for ADA sidewalk ramp construction. In the next FY, there are three projects to be let in July. Two projects for auxiliary lanes on US 52 and CR 400S in Tippecanoe County to 700S in Clinton County. The third is the full depth reclamation on SR 38. Project 42 is the Sagamore Parkway Trail and it is on a November letting.

V. OTHER BUSINESS

Utility Relocations Inspection and the CE Contract

Sallie Fahey said at the last MPO Council meeting, Kathy Eaton-McKallip talked about new options that are available for local public agencies, LPAs, and their projects. One of which is that they will be able to move utilities prior to the letting if there is an INDOT inspector engaged and if the right-of-way is clear. Being able to take care of utilities ahead of the letting is a big deal in some cases. Utility relocation sometimes becomes a separate phase with its own funding. Another new requirement that has come along is that CE can no longer be part of PE and thus cannot be in the PE RFP. From now on, CE will have to have its own RFP. This was in an INDOT newsletter that was sent out on December 8.

VI. CITIZEN COMMENTS

There was a one-minute pause to allow for public comments. There were none.

Sallie Fahey said Tim Stroshine got notice that he passed his PE on the first try. Anyone who knows or is a PE, passing on the first try is a pretty big deal.

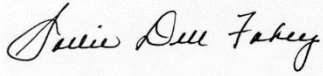
VII. ADJOURNMENT

The next meeting is January 20, 2021.

John Fricker adjourned the meeting at 3:12 pm.

Respectfully Submitted,
Chyna R. Lynch
Recording Secretary

Reviewed By,

A handwritten signature in black ink, reading "Sallie Krawcheck". The signature is written in a cursive style and is placed on a light gray rectangular background.

Sallie Krawcheck
Executive Director

**FY 2020-2024 TIP Amendment
Indiana Department of Transportation**

**Staff Report
January 13, 2021**

BACKGROUND AND REQUEST:

The Indiana Department of Transportation requests an amendment to update eight projects that are currently programmed in the TIP. All of them are part of the I-65 widening project which will extend the section of I-65 with six travel lanes from north of the Wabash River to just north of CR 725N.

Currently the TIP shows the cost of the main project, des # 2001172, at \$47,400,000. The total cost will increase to \$66,000,000. The amount of federal and state funds for this project will increase to \$59,400,000 and \$6,600,000, respectively.

Four of the projects related to the main project have the correct total cost but need a change in the project dates. This amendment changes the project date from FY 2024 to FY 2022 for the following projects: the north and south bound bridges over Prophets Rock Road, the CR 725N bridge over I-65, and the south bound bridge over the CSX Railroad, North 9th Street and Burnett Creek.

The remaining three project changes involve changes to both project dates and construction costs. The north and south bound bridge deck replacement projects over SR 43 are currently shown with FY 2021 construction, and both projects will now have FY 2022 construction. The cost of both projects increases. The cost of the north bound bridge increases by nearly \$600,000 and the cost of the south bound bridge increases by approximately \$350,000. The north bound bridge over the CSX Railroad, North 9th Street and Burnett Creek also has changes to both project dates and construction costs. Railroad construction has shifted from FY 2022 to FY 2021 and road construction from FY 2024 to FY 2022. The cost for the railroad work decreased from \$150,000 to \$30,000, while the total construction cost increased from \$3,649,682 to \$3,79,682.

The following tables provide detailed information for these projects:

I-65, north bound bridge over SR 43 (des # 1601088)

Bridge Deck Replacement

Phase	Year	Federal Funds	Federal	State	Total
CN	2022	NHPP	2,889,000	321,000	3,210,000

I-65, south bound bridge over SR 43 (des # 1601090)

Bridge Deck Replacement

Phase	Year	Federal Funds	Federal	State	Total
CN	2022	NHPP	2,425,500	269,500	2,695,000

*I-65, 1.33 miles north of SR 25 to 2.43 miles north SR 43 (des # 2001172)
Added Travel Lanes*

Phase	Year	Federal Funds	Federal	State	Total
CN	2022	NHPP	59,400,000	6,600,000	66,000,000

*I-65, north bound bridge over CSX, N. 9th Street and Burnett Creek (des # 2002114)
Bridge Deck Replacement*

Phase	Year	Federal Funds	Federal	State	Total
UT/RR	2021	NHPP	27,000	3,000	30,000
CN	2022	NHPP	3,419,714	379,968	3,799,682

*I-65, south bound bridge over CSX, N. 9th Street and Burnett Creek (des # 2002115)
Bridge Deck Replacement*

Phase	Year	Federal Funds	Federal	State	Total
CN	2022	NHPP	1,825,662	202,851	2,028,513

*I-65, north bound bridge over Prophets Rock Road (des # 2002116)
Bridge Deck Replacement*

Phase	Year	Federal Funds	Federal	State	Total
CN	2022	NHPP	1,449,139	161,015	1,610,154

*I-65, south bound bridge over Prophets Rock Road (des # 2002117)
Bridge Deck Replacement*

Phase	Year	Federal Funds	Federal	State	Total
CN	2022	NHPP	1,449,139	161,015	1,610,154

*I-65, CR 725N bridge over I-65 (des # 2002364)
Bridge Deck Replacement*

Phase	Year	Federal Funds	Federal	State	Total
CN	2022	NHPP	1,639,151	182,128	1,821,279

RECOMMENDATION:

Staff recommends approval of this amendment to the Policy Board.

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

January 6, 2021
Ref. No.: 2021-004

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 involves the addition of \$1,454,366 in FY 2021 HSIP funds for the North River Road at CR 500N safety project, des # 1401279. The Northwestern Indiana Regional Planning Commission (NIRPC) is loaning the same amount of HSIP funds to APC with half of the amount being returned in FY 2022 and the remaining half in FY 2024. Attached you will find the spreadsheet showing the trade.

Please call if you have any question or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

Attachment

cc: Stephani Vermillion
Justin Sergent
Carla Sheets

Staff Report
**FY 2022-2026 Transportation Improvement Program
Complete Street Compliance Determination**

Staff Report
January 13, 2020

As part of the Complete Streets Policy, the Technical Transportation Committee reviews project descriptions and makes recommendations to the Policy Committee. The Technical Committee can determine that either a project is compliant with the policy, or that it is exempt from the policy. Only new construction, reconstruction, widening, and rural to urban conversion projects are reviewed. The following local projects are requesting Group II Federal funds and require a Complete Street Compliance Determination.

West Lafayette

Cherry Lane Extension Phase 2, end of Phase 1 to Northwestern Avenue

Project Scope: pavement reconstruction, widening, new curb and gutter, and intersection improvements at McCormick Road

Non-Motorized Amenities: new sidewalk and multiuse trail

Staff reviewed the project description and determined that the project complies with the Complete Streets Policy.

Tippecanoe County

North 9th Street Urban Trail Extension, end of existing trail to Community Corrections Facility

Project Scope: new trail construction

Non-Motorized Amenities: new trail

Staff reviewed the project description and determined that the project complies with the Complete Streets Policy. It should be noted that this project is part of a larger project to improve North 9th Street from just north of Sagamore Parkway to just north of Burnetts Road. It also includes replacing the Wabash River bridge deck. A sidewalk will be constructed from the Davis Ferry Park to the Wabash Heritage Trail.

Other Local Project Requests

All of the other projects requesting Federal funds were reviewed when previous TIPs were developed, and those projects are: South 9th Street, Sagamore Parkway Trail, Soldiers Home Road Phase 1, McCutcheon Pedestrian Safety, Morehouse Road and Yeager Road. They were all determined to be compliant with the Complete Streets Policy.

RECOMMENDATION:

The Technical Transportation Committee should determine that the two new projects requesting group II Federal funds in the FY 2022-2026 TIP are compliant with the adopted Complete Streets Policy.

Staff Report

**FY 2022 - 2026 Transportation Improvement Program
Project Financial Constraint & Prioritization**

Staff Report
January 13, 2020

During the development of a new Transportation Improvement Program (TIP), the Technical Transportation Committee reviews requests for federal funds which include Surface Transportation Block Grant (STBG), Highway Safety Improvement Program (HSIP) and Transportation Alternative (TA) Funds. The committee then chooses which projects to fund, financially constrains the list, and prioritizes them. The new TIP continues the policy of reserving a minimum of 10% of our federal STBG funds for independent pedestrian and bicycle projects, so the Committee ensures that this threshold is met. Finally, the Committee recommends which INDOT projects are priorities to this community.

The FAST Act requires the planning process to use a performance-based approach in the TIP development process. The Federal Highway Administration (FHWA) has developed six performance measures to be used in performance-based planning projects. Of the six performance measures, only one, safety, is required to be reviewed at a local level when developing a TIP. Safety targets are established for this performance measure. The targets are listed in the following table:

<i>Safety Performance Measure</i>	<i>Target</i>
• Number of Fatalities	817.3 or fewer
• Rate of Fatalities	1.006 or less
• Number of Serious Injuries	3,311.4 or less
• Rate of Serious Injuries per 100 million miles traveled	4.088 or less
• Number of Non-Motorists Fatalities and Serious Injuries	393.6 or less

In addition to this federally-required performance measure, APC uses the following performance measures to financially constrain and prioritize the TIP:

- a) Is the project in the 2045 MTP?
- b) Is the project in the 2045 MTP financially constrained list?
- c) Was the project previous programmed and is it advancing?
- d) How far has the project advanced?
- e) Does the project include sidewalks, bike lanes or trails?
- f) Is the project complete street compliant?
- g) Will the project be designed to meet ADA standards?
- h) Need for access management?

These performance measures and information from project red flag analysis is provided for each federal funding type in this report.

INDOT Rules:

When allocating federal funds, each fiscal year must be fiscally constrained. We are not allowed to carry over any funding balances. We can split the preliminary engineering and right-of-way phases between fiscal years, but we cannot split the construction phase unless the project has segments that will be constructed separately. We can over-program a year by identifying a request to trade federal funds with another MPO, but we must show when the funds will be paid back.

We can flex half of our HSIP and TA funds to STBG but cannot flex any Section 164 penalty funds.

STBG Federal Funds

INDOT has directed us to program **\$4,021,659** (the estimated 2021 allocation) for each fiscal year. We have an additional **\$616,477** to program in FY 2025 due to a trade with the Evansville MPO that occurred in April of 2019. The following table shows the project requests along with the anticipated year and federal funding amount needed.

Project	Fiscal Year	Phase	Amount Requested	LPA
Sagamore Parkway Trail	2022	CN	3,003,200	Laf.
Yeager Road	2022	CN	4,950,000	Tipp. Co.
Morehouse Road	2022	RW	945,136	Tipp. Co.
Soldiers Home Road, Ph. 1	2022	PE	846,200	W. Laf.
McCutcheon Ped Safety	2023	CN	275,507	Tipp. Co.
South 9 th Street	2023	RW	280,000	Laf.
South 9 th Street	2024	CN	4,240,000	Laf.
Morehouse Road	2024	CN	6,677,096	Tipp. Co.
Soldiers Home Road, Ph. 1	2025	RW	600,000	W. Laf.
North 9 th Street Trail	2026	CN	1,013,620	Tipp. Co.
Cherry Lane Extension, Ph. 2	2026	PE	900,000	W. Laf.

Summary of funding requests by jurisdiction:

LPA	Amount Requested	Percentage
Lafayette	4,520,000	19.0%
West Lafayette	5,349,400	22.5%
Tippecanoe Co	13,861,359	58.4%
Total	23,861,359	
Five-Year Allocation	20,724,772	*1
Balance	-3,005,987	

*1: Allocation includes Evansville MPO funds.

The following table compares each of the ten projects to the eight performance measures:

Project	MTP Plan	FC List	Previous Program	How Far Advanced	Bike/Ped Infrastructure	Complete Street	ADA Standards	Access
Sagamore Trail	Yes	Yes	Yes	In PE	Yes	Yes	Yes	---
Yeager	Yes	Yes	Yes	In RW	Yes	Yes	Yes	Yes
Morehouse	Yes	Yes	Yes	In PE	Yes	Yes	Yes	Yes
Solders H.	Yes	Yes	Yes	---	Yes	Yes	Yes	Yes
McCutcheon	Yes	Yes	Yes	In RW	Yes	Yes	Yes	---
South 9th	Yes	Yes	Yes	---	Yes	Yes	Yes	Yes
North 9th	Yes	Yes	No	---	Yes	Yes	Yes	---
Cherry Lane	Yes	Yes	Yes	---	Yes	Yes	Yes	Yes

The following table lists the number of issues found in the Red Flag Analysis for each project:

Project	Number of Issues Encountered	Environmental Issues*				
		IN	WR	M	HC	EI
Sagamore Parkway Trail	2	✓			✓	
Yeager Road	2		✓	✓		
Morehouse Road	4	✓	✓		✓	✓
Soldiers Home Road, Ph. 1	3	✓	✓			✓
McCutcheon Ped Safety	3	✓	✓			✓
South 9 th Street	3	✓	✓			✓
North 9 th Street Trail	5	✓	✓	✓	✓	✓
Cherry Lane Ext. Ph 2	2	✓				✓

* Codes for Environmental Issues: Infrastructure (IN), Water Resources (WR), Mining/Mineral Exploration (M), Hazmat Concerns (HC), and Ecological Information (EI)

STBG Funds – 10% Set-aside, Pedestrian & Bicycle Projects

In June of 2012, the Area Plan Commission adopted the **2040 MTP**. It recommended that 10% of this community's Surface Transportation Program funds go to independent non-motorized projects that are not part of a larger road project. With an annual allocation of \$4,021,659, 10% of that allocation is \$402,166. Therefore, 10% of the STP funds over five years is \$2,010,830.

The following table shows independent non-motorized projects:

Project	Fiscal Year	Phase	Amount Requested	LPA
Sagamore Parkway Trail	2021	CN	3,003,200	W. Laf.
TOTAL			3,003,200	

The amount requested exceeds the 10% target (14.9%).

TA Funds

INDOT has directed us to program **\$214,328** (the estimated FY 2021 allocation) for each fiscal year. We do have the option to flex up to half of our annual allocation (\$107,164) to another funding category.

There were requests for Transportation Alternative Funds. These funds were requested in conjunction with nearly every project requesting STBG Federal funds.

Allocating STBG and TA Funds

To help start the discussion, APC staff reviewed the project requests along with the performance measures and developed a first-cut funding allocation scenario. The first-cut allocation scenario is on the following pages. All projects are complete street compliant and include sidewalks and trails.

ACTION: *Program funding by year beginning with FY 2022.*

Proposed Financially Constraining and Prioritizing Project Requests for STBG and TA Funds

Project	Fiscal Year	Phase	Amount Requested	TA Funds?	Allocation	Priority
Fiscal Year 2022			4,021,659		4,021,659	
Option A						
Sagamore Parkway Trail	2022	CN	3,003,200		3,003,200	1
Yeager Road	2022	CN	4,950,000		0	---
Morehouse Road	2022	RW	945,136	Yes	730,808	2/3
Soldiers Home Road Ph 1	2022	PE	846,200		287,651	2/3
		Total	9,744,536	Total	4,021,659	
		Balance	-5,722,877	Balance	0	
Option B						
Sagamore Parkway Trail	2022	CN	3,003,200		3,003,200	1
Yeager Road	2022	CN	4,950,000		0	---
Morehouse Road	2022	RW	945,136		386,587	2/3
Soldiers Home Road Ph 1	2022	PE	846,200	Yes	631,872	2/3
		Total	9,744,536	Total	4,021,659	
		Balance	-5,722,877	Balance	0	
Fiscal Year 2023			4,021,659		4,021,659	
				<i>Borrowed from FY 2024</i>	1,548,069	
				<i>Total</i>	5,569,728	
Option A						
McCutcheon Ped Safety	2023	CN	275,507		275,507	1
Soldiers Home Road Ph 1	2023	PE	558,549		558,549	3
Yeager Road	2023	CN	4,950,000	Yes	4,735,672	2
South 9 th Street	2023	RW	280,000		0	---
		Total	6,064,956	Total	5,569,728	
		Balance	-2,042,397	Balance	0	
Option B						
McCutcheon Ped Safety	2023	CN	275,507		275,507	1
Morehouse Road	2023	RW	558,549		558,549	3
Yeager Road	2023	CN	4,950,000	Yes	4,735,632	2
South 9 th Street	2023	RW	280,000		0	---
		Total	6,064,956	Total	5,569,728	
		Balance	-2,042,397	Balance	0	

Proposed Financially Constraining and Prioritizing Project Requests for STBG and TA Funds

Project	Fiscal Year	Phase	Amount Requested	TA Funds?	Allocation	Priority
Fiscal Year 2024			4,021,659		4,021,659	
			<i>Traded to FY 2023</i>		1,548,069	
				<i>Total</i>	2,473,590	
South 9 th Street	2024	CN	4,240,000		0	---
Morehouse Road	2024	CN	6,677,096		0	---
South 9 th Street	2024	RW	280,000		280,000	1
		Total	11,197,096	Total	280,000	
		Balance	-7,175,437	Balance	2,193,590	
Fiscal Year 2025			4,021,659		4,021,659	
			<i>Traded from FY 2024</i>		2,193,590	
			<i>From Evansville Trade</i>		616,477	
			<i>Flexed Part of HSIP Funds</i>		231,042	
				<i>Total</i>	7,062,768	
South 9 th Street	2025	CN	4,240,000		0	---
Morehouse Road	2025	CN	6,677,096	Yes	6,462,768	1
Soldiers Home Road Ph 1	2025	RW	600,000		600,000	2
		Total	11,517,096	Total	7,062,768	
		Balance	-7,495,437	Balance	0	
Fiscal Year 2026			4,021,659		4,021,659	
			<i>Flexed Part of HSIP Funds</i>		4,013	
				<i>Total</i>	4,025,672	
South 9 th Street	2026	CN	4,240,000	Yes	4,025,672	1
North 9 th Street Trail	2026	CN	1,013,620		0	---
Cherry Lane Extension Ph 2	2026	PE	900,000		0	---
		Total	6,153,620	Total	4,025,672	
		Balance	-2,131,961	Balance	0	

Comparison of Year of Funding Request to Year Allocated

Project	Year Requested	Year Allocated
Construction Phase Comparison		
Sagamore Parkway Trail	2022	2022
Yeager Road	2022	2023
Morehouse Road	2024	2025
McCutcheon Ped Safety	2023	2023
South 9 th Street	2024	2026
North 9 th Street Trail	2026	---
Right-of-Way Phase Comparison		
Morehouse Road	2022	2022/2023
South 9 th Street	2023	2024
Soldiers Home Road Ph 1	2025	2025
Preliminary Engineering Phase Comparison		
Soldiers Home Road Ph 1	2022	2022/2023
Cherry Lane Extension Ph 2	2026	---

Highway Safety Improvement Program Funds

INDOT has directed us to program **\$727,183** (the estimated FY 2021 allocation) for each fiscal year. The allocation consists of two parts, the annual allocation of \$578,144, and the Section 164 penalty funds of \$149,039. We do have the option to flex up to half of the annual allocation (\$289,072) to another funding category. We cannot flex any of the Section 164 penalty funds.

The table below shows more detailed information for HSIP projects:

Project	Fiscal Year	Phase	Amount Requested	LPA
Trade with NIRPC MPO	2022			
McCutcheon Area Improvements	2023	CN	727,183	Tipp. Co.
Trade with NIRPC MPO	2024			
<i>No Requests</i>	2025			
<i>No Requests</i>	2026			

The following table compares the projects to the appropriate performance measures:

Project	Previous Program	Bike/Ped Infrastructure	Complete Street	ADA Standards	MTP Plan	MTP P. List	Planning Study
McCutcheon	Yes	Yes	Yes	Yes	---	---	Yes

The following table lists the number of issues found in the Red Flag Analysis for each project:

Project	Number of Issues Encountered	Environmental Issues*						
		IN	WR	M	HC	EI	CR	
McCutcheon Safety	3	✓	✓				✓	

*Codes for Environmental Issues: Infrastructure (IN), Water Resources (WR), Mining/Mineral Exploration (M), Hazmat Concerns (HC), Ecological Information (EI) and Cultural Resources (CR)

APC staff reviewed the project request along with the performance measures. APC recommends allocating HSIP funds to the McCutcheon Ped Safety project in FY 2023.

ACTION: Allocate HSIP funds to the McCutcheon Ped Safety Project

Prioritizing INDOT Projects

In previous TIPs, the Technical Transportation Committee recommended various INDOT projects that are a priority to the community. The recommendation did not include safety and maintenance projects. Staff recommends that the Committee continue this practice.

Staff reviewed INDOT's project list, the current TIP, and the 2045 Metropolitan Transportation Plan and recommends the following projects be shown as a priority to the community:

<u>State Road</u>	<u>Location</u>	<u>Type of Project</u>
US 231	US 52 to SR 43	New Road Construction
I-65	North of SR 25 to New US 231	Six Lane Widening
I-65	SR 38 to SR 28	Six Lane Widening
Special 52	Klondike Rd to Morehouse Rd	Rural to Urban Design
Special 52	Morehouse Rd to Yeager Rd	Rural to Urban Design
Special 52	Yeager Rd to Nighthawk Rd	Per US 52 Corridor Study
SR 38	Sagamore Parkway to Park East Boulevard	Sidewalk Construction

ACTION: Affirm the list of INDOT projects as shown in the report as a priority to this community.

18 Month Letting List - January 5, 2021

(INDOT update: December 15, 2020)

		Letting Date	Road	Type of Work	Location	Des & Contract Number	Previous Letting Date
1	S	12/9/2020	I-65	Bridge Deck Replacement (TIP shows project as Deck Replacement/Widening)	NBL, 0.77 N SR 43, at Burnett Creek	1601091 B-39961	
2	S	12/9/2020	I-65	Bridge Deck Replacement (TIP shows project as Deck Replacement/Widening)	0.77 mi N of SR 43 at Burnett Creek (SBL)	1601092 B-39961	
3	S	12/9/2020	I-65	Bridge Maintenance And Repair	I-65 NB over CSX, N 9TH ST, BURNETT CR, 0.58 S SR 43	1900665 B-39961	
4	S	12/9/2020	I-65	Bridge Maintenance And Repair	I-65 SB over CSX, N 9TH ST, BURNETT CR, 00.58 S SR 43	1600664 B-39961	
5	S	12/9/2020	I-65	Bridge Thin Deck Overlay	CR 100S/McCarty Ln @ I-65 NB/SB; 01.32 mi S of SR 26	1800451 B-41003	
6	S	12/9/2020	US 231	Bridge Thin Deck Overlay	SB @ Big Wea Cr, Elliott Dt; 1.28 mi S of SR 25	1800433 B-41003	
7	S	12/9/2020	US 231	Bridge Thin Deck Overlay	NB @ Big Wea Cr, Elliott Dt; 1.28 mi S of SR 25	1800432 B-41003	
8	S	12/9/2020	US 52	Bridge Thin Deck Overlay	WBL @ NS RR; 1.92 mi E of SR 25	1800430 B-41003	
9	S	12/9/2020	US 52	Bridge Thin Deck Overlay	EBL @ NS RR; 1.92 mi E of SR 25	1800425 B-41003	
10	S	12/9/2020	SR 38	Bridge Thin Deck Overlay	over S Fork Wildcat Creek; 1.70 mi E of I-65	1800452 B-41003	
11	S	1/13/2021	SR 28	HMA Overlay, Structural (TIP shows project as Road Rehabilitation)	From US 231 to US 52 W Jct	1592968 R-38772	
12	S	1/13/2021	Lindberg Road	Road Reconstruction (3R/4R Standards)	Lindberg road from Klondike to McCormick	1173627 R-35297	
13	S	1/13/2021	N. River Road	Intersect. Improv. W/ Added Turn Lanes	CR 500 N approach in Tippecanoe County	1401279 R-37908	
14	S	1/13/2021	Park East Boulevard	New Road Construction	New Road between Haggerty Lane and SR 38	1700405 R-40125	
15	S	1/13/2021	SR 26	Concrete Pavement Preservation (CPP)	From I-65 SB Ramps to 1.49 mi E of I-65	1800569 RS-40964	
16	S	2/10/2021	SR 25	Bridge Thin Deck Overlay	SB over Buck Creek; 5.00 mi N of I-65	1800413 R-41002	
17	S	2/10/2021	SR 25	Bridge Thin Deck Overlay	NB over Buck Creek; 5.00 mi N of I-65	1800414 R-41002	
18	S	2/10/2021	SR 25	Bridge Thin Deck Overlay	NB over Sugar Creek; 8.10 mi N of I-65	1800419 R-41002	
19	S	2/10/2021	SR 25	Bridge Thin Deck Overlay	SB over Sugar Creek; 8.10 mi N of I-65	1800420 R-41002	
20	S	2/10/2021	SR 25	Bridge Thin Deck Overlay	NB over No Name Creek; 9.80 mi N of I-65	1800437 R-41002	
21	S	2/10/2021	SR 25	Bridge Thin Deck Overlay	SB @ No Name Creek; 9.80 mi N of I-65	1800441 R-41002	
22	S	2/10/2021	SR 25	Bridge Thin Deck Overlay	CR 300N @ SR 25 SB/NB, N&S RR, 1.30 mi N of I-65	1800445 R-41002	

		Letting Date	Road	Type of Work	Location	Des & Contract Number	Previous Letting Date
23	S	3/10/2021	SR 38	ADA Sidewalk Ramp Construction	From 3.85 mi W of I65 to 0.94 mi E of I-65	1900494 R-41002	
24	S	4/7/2021	SR 38	Debris Removal	1.70 mi E of I-65, over S Fork Wildcat Creek	1801353 R-42548	
25	S	4/7/2021	SR 38	HMA Overlay, Structural (TIP shows project as Road Rehabilitation)	From 0.95 mi to 1.16 mi E of I-65 within the Town Limits of Dayton	1601073 R-39959	
26	N	4/7/2021	US 231	Pavement Patching	At CR 350S intersection NB outside shoulder	2001719 R-43128	
27	N	4/7/2021	I-65	Pavement Patching	From 3.44 mi S of SR 38 to 0.5 mi S of SR 38	2002577 R-43521	
28	S	4/7/2021	Various Locations	Traffic Signals Modernization	Crawfordsville District Traffic Signal Modernization FY21	1801404 T-41261	
29	S	7/14/2021	District Wide	Bridge Maintenance	Various locations within Crawfordsville District	2001644 B-43121	
30	S	7/14/2021	SR 26	Small Structure Replacement	5.75 mi W of US 231, Over Southworth Branch	1500121 R-40569	
31	S	7/14/2021	US 52	Bridge Replacement	Over Indian Creek	1701596 B-40579	
32	S	7/14/2021	US 52	Auxiliary Lanes, Accel & Decel or Turn Lanes	CR 400S (Tippecanoe Co) to CR 700S (Clinton Co)	2002394 R-43501	
33	C	9/15/2021	US 52	Bridge Thin Deck Overlay	0.08 miles S of SR 26, over UNT Wabash River	1900666 B-42038	7/14/2021
34	S	9/15/2021	SR 25	Bridge Painting	1.01 mi S of US 231, over Wea Creek	2001070 B-42920	
35	S	9/15/2021	SR 38	Bridge Painting	1.37 mi W of I-65, EB over N&S RR	2001073 B-42920	
36	S	9/15/2021	SR 38	Bridge Painting	1.37 mi W of I-65, WB over N&S RR	2001074 B-42920	
37	S	10/14/2021	SR 38	HMA Overlay, Minor Structural	1.16 mi E of I-65 to US 421	1601074 R-40528	
38	S	11/17/2021	Sagamore Parkway Trail	Bike/Pedestrian Facilities	from Happy Hollow to the bridge over the Wabash River Bridge	1401287 R-37915	
39	S	11/17/2021	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	
40	S	11/17/2021	SR 26	Small Structure Replacement	8.70 mi E of SR 55	1800130 R-40577	
41	S	11/17/2021	SR 25	Scour Protection (Erosion)	4.01 mi N of SR 28, over Flint Creek	2001069 B-42056	
42	S	12/8/2021	I-65	Concrete Pavement Restoration (CPR)	At SR 38 Interchange, Ramp Pavement	1900647 R-42039	
43	S	12/8/2021	SR 43	Intersection Improvement	At I-65 interchange, NB exit/entrance ramp terminus	1700188 R-40755	
44	S	12/8/2021	SR 43	Intersection Improvement	At I-65 interchange, SB exit/entrance ramp terminus	1700189 R-40755	
45	S	2/9/2022	I-65	Bridge Deck Replacement (TIP shows project as Deck Replacement/Widening)	NB Bridge over SR 43, 3.13 mi N of SR 25	1601088 B-39961	

		Letting Date	Road	Type of Work	Location	Des & Contract Number	Previous Letting Date
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Same, New, Change, Not Listed, Relisted

Bid Letting Results

12/9/2020	I-65	Bridge Deck Replacement (TIP shows project as Deck Replacement/Widening)	NBL, 0.77 N SR 43, at Burnett Creek	1601091 B-39961
12/9/2020	I-65	Bridge Deck Replacement (TIP shows project as Deck Replacement/Widening)	0.77 mi N of SR 43 at Burnett Creek (SBL)	1601092 B-39961
12/9/2020	I-65	Bridge Maintenance And Repair	I-65 NB over CSX, N 9TH ST, BURNETT CR, 0.58 S SR 43	1900665 B-39961
12/9/2020	I-65	Bridge Maintenance And Repair	I-65 SB over CSX, N 9TH ST, BURNETT CR, 00.58 S SR 43	1600664 B-39961

Project Awarded to Milestone Contractors LP for \$5,162,000.00

Engineer's estimate: \$5,947,993.10

Five bids submitted

Estimated completion date: October 1, 2022

12/9/2020	I-65	Bridge Thin Deck Overlay	CR 100S/McCarty Ln @ I-65 NB/SB; 01.32 mi S of SR 26	1800451 B-41003
12/9/2020	US 231	Bridge Thin Deck Overlay	SB @ Big Wea Cr, Elliott Dt; 1.28 mi S of SR 25	1800433 B-41003
12/9/2020	US 231	Bridge Thin Deck Overlay	NB @ Big Wea Cr, Elliott Dt; 1.28 mi S of SR 25	1800432 B-41003
12/9/2020	US 52	Bridge Thin Deck Overlay	WBL @ NS RR; 1.92 mi E of SR 25	1800430 B-41003
12/9/2020	US 52	Bridge Thin Deck Overlay	EBL @ NS RR; 1.92 mi E of SR 25	1800425 B-41003
12/9/2020	SR 38	Bridge Thin Deck Overlay	over S Fork Wildcat Creek; 1.70 mi E of I-65	1800452 B-41003

Project Awarded to Ram Construction Services of Michigan Inc for \$974,386.66

Engineer's estimate: \$1,562,527.00

Four bids submitted

Estimated completion date: October 2, 2021