
Staff Report

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

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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.