

The Fiscal Year 2016-2019 Transportation Improvement Program



The Area Plan Commission of Tippecanoe County

20 North 3rd Street
Lafayette, IN 47901
www.tippecanoe.in.gov/apc



Fiscal Year 2016 – 2019

Transportation Improvement Program

May 2015

Amended / Modified

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**Prepared by the
Area Plan Commission of Tippecanoe County**

In cooperation with the
CityBus
Purdue University Airport
Indiana Department of Transportation
City of Lafayette
City of West Lafayette
Tippecanoe County
Town of Battle Ground
Town of Dayton
Town of Clarks Hill
Federal Highway Administration
Federal Transit Administration

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Amendment No. 1, June 1, 2015

Requested by: INDOT

Project: Hoosier Heartland environmental mitigation, Williams Street, the County's Bridge Inspection Program and TIP modification correction.

Details: This amendment programs monitoring work needed for the environmental mitigation project that was constructed within Prophetstown State Park. It reallocated the balance of High Priority Project funds from the Harrison Street project to the Williams Street project. It updates the funding information to the bridge inspection program. Finally, it corrects wording in the May 12, 2015 administrative modification.

Amendment No. 2, July 9, 2015

Requested by: APC staff

Project: North Street (des #1172413), Klondike Road (des #1173626), John T Myers Bridge (des #1172458), North River Road (des #1401279), and South 18th Street Pedestrian Crossings (des #1172009) and Bridge (des #1297228).

Details: This amendment reallocated STP funds between the North Street and Klondike Road project, between the Klondike Road project and the Myers Bridge project, changes the North River Road phase in FY 2016 from preliminary engineering to right-of-way, and allocates the additional FY 2015 STP, HSIP and TAP Federal funds.

Amendment No. 3, August 28, 2015

Requested by: INDOT

Project: South 18th Street road (des #1172009) and pedestrian bridge projects (des #1297228).

Details: This amendment shifts \$16,654 in STP PYB funds from the road project to the bridge project. The federal funds will be used for construction engineering.

Amendment No. 4, September 10, 2015

Requested by: INDOT & City of West Lafayette

Project: Twenty three INDOT projects and the State Street Corridor projects.

Details: INDOT's request included programming a new project, adding new project phases, increasing funding, changing phase years, changing phase type and removing projects. The City's request includes programming the reconstruction of State Street, completing the Perimeter Parkway and one-way street conversions in the Village.

Amendment No. 5, September 17, 2015

Requested by: INDOT

Project: CR 750E NS Railroad crossing & SR 26 asphalt overlay

Details: This administrative modification programs funds for preliminary engineering for both projects. The funds for both projects will be used in FY 2016.

Amendment No. 6, November 17, 2015

Requested by: City of Lafayette

Project: John T. Myers & Riehle Plaza, des #1172458

Details: This administrative modification moves \$49,510 in STP PYB funds from the construction phase of the Twyckenham Trails project (Des #1382769) to the construction phase of the Myers Bridge project.

Amendment No. 7, December 4, 2015

Requested by: INDOT

Project: US 52 Road Reconstruction, Des #0800132

Details: This administrative modification programs funds for preliminary engineering. The funds will be used in FY 2016.

Amendment No. 8, December 10, 2015

Requested by: CityBus

Project: CY 2016 Operating and Capital list of projects.

Details: This amendment programs new FTA funds (Section 5310 & 5339), carry over CY 2015 FTA funds and unallocated CY 2016 5307 funds. Some of the additional federal funds are added to operating assistance. Three capital projects are updated and one new project is added.

Amendment No. 9, January 4, 2016

Requested by: INDOT

Project: US 231 Scour Protection (des #1382313) & SP 52 Bridge Replacement (des #0400774)

Details: This administrative modification programs funds for preliminary engineering for both projects. The funds will be used in FY 2016.

Amendment No. 10, January 5, 2016

Requested by: City of Lafayette

Project: John T. Myers & Riehle Plaza, des #1172458

Details: This administrative modification moves \$3,312 in STP PYB funds from the construction phase of the Twyckenham Trails project (Des #1382769) to the construction phase of the Myers Bridge project.

Amendment No. 11, January 21, 2016

Requested by: City of Lafayette

Project: Sagamore Parkway Phase One, des #1296080

Details: This administrative modification moves \$384,595 in STP funds from the construction phase of the South 18th Street project (des #1172009), \$68,149 in STP (flexed TAP funds) from the South 18th Street Pedestrian Bridge project (des #1297228) and \$547,178 in STP PYB funds from the Twyckenham Trails project (des #1382769) to the Sagamore Parkway project. The document was also updated to reflect new INDOT funding marks for STP, HSIP and TAP funds.

Amendment No. 12, January 22, 2016

Requested by: City of Lafayette

Project: South 18th Street, des #1172009

Details: This administrative modification reallocates \$20,000 in STP funds from the construction phase to the preliminary engineering phase.

Amendment No. 13, February 16, 2016

Requested by: Tippecanoe County

Project: County Bridge Inspection Program, des #1382591

Details: This administrative modification updates the costs that are associated with the program.

Amendment No. 14, March 1, 2016

Requested by: Tippecanoe County, APC Staff

Project: Concord Road (des #1401282), River Road (des #1401279), North Street (des #1172413), and Sagamore Parkway (des #1296080)

Details: This administrative modification shifts \$28,205 in HSIP Federal funds from the River Road project to the Concord Road project. It also shifts \$25 from the North Street project to the Sagamore Parkway, Phase 1 project.

Amendment No. 15, March 10, 2016

Requested by: INDOT

Project: Eight projects on SR 25, SR 26, SR 43, US 52 and I-65.

Details: INDOT's request included programming eight new projects. Seven of them are maintenance type projects with the eighth involving the replacement of a small drainage structure.

Amendment No. 16, March 29, 2016

Requested by: APC staff

Project: Concord Road (des #1401282), Myers Bridge (des #1172458), Happy Hollow (des #0900002) and FY 2016 Annual Allocation

Details: This administrative modification adjusts the TIP due to INDOTs release of the final FY 2016 Federal Formula Apportionments. The Concord Road project funding allocation was adjusted to match the reduced HSIP allocation with PYB funds making up the difference. All of the additional TAP funds were flexed to STP. The balance of new STP funds was allocated to the Myers Bridge and Happy Hollow projects for change orders.

Amendment No. 17, April 1, 2016

Requested by: City of Lafayette

Project: Myers Bridge (des #1172458)

Details: This administrative modification adds FY '17 STP PYB funds to the Myers Bridge project for railroad flagging.

Amendment No. 18, April 14, 2016

Requested by: CityBus

Project: Add two CY 2016 Capital Projects.

Details: This amendment programs two new projects: Maintenance and Administration Facility A&E and Bus Stop Improvements. Section 5307 funds will be used for the A&E study.

Amendment No. 19, April 14, 2016

Requested by: INDOT & Wabash Center

Project: Fourteen projects on SR 28, SR 43, US 52, US 231, SR 225 and I-65 and five replacements vans for Wabash Center.

Details: INDOT's request included programming fourteen new projects. All, but one, are maintenance type projects with the fourteenth involving rehabilitating the road. The van replacement project programs the request in the Local Unfunded Project Table.

Amendment No. 20, April 14, 2016

Requested by: City of Lafayette

Project: Sagamore Parkway Phase 1 (des #1296080)

Details: This administrative modification adds FY '16 HSIP PYB funds to the project to improve the pedestrian crossings at Sagamore at McCarty and Main/SR 38.

Amendment No. 21, April 18, 2016

Requested by: INDOT

Project: US 52 Road Reconstruction (des #0800132) & SR 26 Functional HMA Overlay (des #1592685)

Details: This administrative modification reduces the amount of funds for purchasing right-of-way for the US 52 project and removes funding for the construction phase of the SR 26 project.

Amendment No. 22, April 27, 2016

Requested by: APC Staff

Project: FY '15 UPWP projects, River Road (des #1401279), FY '16 UPWP Bike & Ped Education and FY '16 UPWP Crash Data Analysis (des #1592353)

Details: This administrative modification programmed the FY '15 UPWP safety projects and then reallocated the federal funds from the INTIME Training to the APC Safety Analysis. It also reallocated the balance of HSIP PYB funds from the River Road and CR 500N project and Bicycle & Ped Education Program to the FY '16 UPWP Crash Data and Analysis.

Amendment No. 23, May 6, 2016

Requested by: APC Staff

Project: FY 2016 UPWP Safety Analysis (des #1592353) & Klondike Road (des #1173626)

Details: This administrative modification reallocated the HISP PYB funds from the UPWP project to the Klondike Road right-of-way phase.

Amendment No. 24, May 10, 2016

Requested by: APC Staff

Project: UPWP Safety Analysis & Klondike Road

Details: This administrative modification cleared up the previous modifications in order to reallocate the \$50,525 in unobligated HSIP funds.

Amendment No. 25, May 12, 2016

Requested by: APC Staff

Project: Lengthy list of local projects.

Details: This amendment updated the FY 2017 federally funded list of local projects for STP, HSIP and TAP funds.

Amendment No. 26, June 20, 2016

Requested by: APC Staff

Project: FY 2017 list of local projects.

Details: This modification clarifies the FY 2017 federally funded list of local projects for STP, HSIP and TAP funds.

Amendment No. 27, July 12, 2016

Requested by: Town of Battle Ground and Tippecanoe County

Project: North Street (des #1172413), Klondike Road (des #1173626) & Soldiers Home Road (des #1401291).

Details: This modification reallocated STP funds from the Soldiers Home Road project (RW phase) to the North Street project (PE & CN phases) and to the Klondike Road project (RW phase).

Amendment No. 28, July 14, 2016

Requested by: INDOT

Project: Wabash Heritage Trail (des #0810383)

Details: This modification reduces the amount of federal and state funds for construction.

Amendment No. 29, July 14, 2016

Requested by: INDOT

Project: Twenty-five projects on SR 25, SR 26, SR 28, SR 43, US 52, US 231, SR 225 and I-65.

Details: INDOT's request included adjusting and programming twenty five projects. Sixteen are for bridge maintenance and improvement projects, seven are for pavement preservation and two are for environmental mitigation.

Amendment No. 30, August 11, 2016

Requested by: INDOT & APC Staff

Project: CSX Xing at Lilly Road, NS Xing at West County Line Road, APC UPWP Safety Analysis and Wabash Center Van Replacement

Details: This amendment programs two Section 130 railroad crossing projects, adds the des number to the APC UPWP Safety Analysis, and moves Wabash Center's van replacement project from Table 5 to Table 4.

Amendment No. 31, October 7, 2016

Requested by: City of West Lafayette

Project: Kingston Trail (des #1401286), Soldiers Home Road (des #1401291), Cherry Lane roundabout and road projects (des #'s 1401289 & 1401290), Happy Hollow (des #0900002), Morehouse Road (des #1401280) and McCutcheon Pedestrian Safety project (des #1601028)

Details: This modification reallocates STP and HSIP funds from five projects to fully fund the construction phase of Kingston Drive. It reallocates STP funds in FY 2018 between two projects as part of the swap of funds in 2017. Finally, the Cherry Lane projects were combined into one.

Amendment No. 32, October 11, 2016

Requested by: INDOT

Project: I-65 Wabash River bridges tree removal and trimming project (des #1601256).

Details: Due to the urgency in letting this project in January (environmental regulations limiting when trees can be removed), INDOT requested the modification.

Amendment No. 33, October 11, 2016

Requested by: City of Lafayette

Project: Twyckenham Boulevard (des #1401285), South 18th Street (des #1172009), South Street (des #1400566) and the McCutcheon Pedestrian Safety project (des #1601028)

Details: This modification reallocates STP funds from two projects (South 18th and South Street) to the Twyckenham project. Additional funds were needed for preliminary engineering. In order to make the South Street project whole, HSIP funds were pulled from the McCutcheon project.

Amendment No. 34, October 13, 2016

Requested by: APC Staff

Project: Happy Hollow Neighborhood Trail (des #1401288) and the Concord Road and 430S project (des #1401282)

Details: This modification reduces PYB funding in FY '18 for the Happy Hollow project and adjusts the FY '19 PYB funding for the Concord project. These changes financially constrain the PYB balance.

Amendment No. 35, November 7, 2016

Requested by: APC Staff

Project: Purdue Master Plan, Phase 1A, Part 2 (des #1005930) and the Cherry Lane Extension project (des #1401290)

Details: This modification repurposes the High Priority Project funds from the Purdue Master Plan to the Cherry Lane Extension project. It also removes the Master Plan project from the TIP.

Amendment No. 36, November 10, 2016

Requested by: INDOT

Project: Ten projects on SR 26, US 52, I-65, Prophetstown State Park and various locations throughout the district.

Details: INDOT's request included adjusting and programming ten projects. Four are road projects, three are bridge projects, two are intersections projects and one is an environmental mitigation project.

Amendment No. 37, January 12, 2017

Requested by: CityBus

Project: CY 2017 Operating, Capital and Planning list of projects.

Details: This amendment programs FY '16 carry over funds and unallocated FY '17 funds and Section 5310 funds. Funding for the FY '17 operating assistance has been revised. Funding for four capital projects has been revised. Four new capital projects have been programmed and one new planning project has been programmed.

Amendment No. 38, January 27, 2017

Requested by: City of West Lafayette

Project: Happy Hollow Road (des #0900002) and the Sagamore Parkway Trail project (des #1401287)

Details: This modification reallocates 18,037 in STP funds from the from the Happy Hollow project and to the Sagamore Parkway project.

Amendment No. 39, January 27, 2017

Requested by: Town of Battle Ground

Project: Happy Hollow Road (des #0900002), APC Safety Analysis (des #1601167) and North Street (des #1172413)

Details: This modification reallocates 40,000 in HSIP PYB (Safety Analysis) and 26,880 in STP (Happy Hollow) to the North Street project.

Amendment No. 40, February 9, 2017

Requested by: INDOT

Project: Two statewide project (des #s 1600463 and 1600479).

Details: INDOT's request included programming an on-call pavement design project and an on-call geotechnical investigation project. These funds will be used for pavement preservation and replacement projects throughout the state. Both projects are only for FY '17 funding.

Amendment No. 41, February 21, 2017

Requested by: INDOT

Project: Update FY '18 PYB funding allocation.

Details: INDOT's requested all MPOs to submit their PYB funding allocation plan. At February Tech's meeting, the Committee allocated federal funds for FY '18 through '21 for the new TIP. This modification changes the current TIP so the FY '18 PYB funding matches the recent allocation of funds.

Amendment No. 42, February 21, 2017

Requested by: City of West Lafayette

Project: Kingston Trail (des #1401286) and South Street (des #1400566)

Details: This modification swaps PYB funds for HSIP funds. It also slightly increases the amount of federal funding to match the construction bid.

Amendment No. 43, March 9, 2017

Requested by: INDOT

Project: Seven projects on SR 25, SR 28, SR 38 and US 52

Details: INDOT's request included programming seven new projects. Five involve a thin deck bridge overlay scope, one is a functional overlay and the seventh involves installing a new traffic signal.

Amendment No. 44, March 13, 2017

Requested by: APC Staff

Project: Update FY 2017 Federal Funding Allocations (STP, HSIP & TA)

Details: INDOT distributed new estimated funding allocations for FY 2017. STP and TA funds slightly decreased while HSIP funds increased. Funding for three local projects was adjusted.

Amendment No. 45, March 27, 2017

Requested by: Tippecanoe County

Project: River Road (des #1401279) & Morehouse Road (des #1401280)

Details: The modification reallocates funds from South Street, flexes STP back to HSIP and programs new funds to the River Road RW phase. It also programs the balance to the Morehouse Road PE phase. It also programs new (March 2017) estimated funding allocations.

Amendment No. 46, March 29, 2017

Requested by: APC Staff

Project: Morehouse Road (des #1401280)

Details: This modification removes the STP PYB funds shown for the Morehouse Road project, PE phase.

Amendment No. 47, March 30, 2017

Requested by: City of West Lafayette

Project: Cherry Lane Extension (des #1401290)

Details: This modification reallocates a portion of the HPP funds from PE to CN.

Amendment No. 48, April 7, 2017

Requested by: City of West Lafayette

Project: Happy Hollow (des #0900002)

Details: This modification reallocates STP and HSIP PYB funds from five projects to fund a supplement to Happy Hollow CE.

Amendment No. 49, April 17, 2017

Requested by: City of West Lafayette

Project: Happy Hollow (des #1382200)

Details: This modification removes HSIP PYB funds from the McCutcheon Pedestrian Safety project and reallocates them to the Happy Hollow project.

Amendment No.50, April 18, 2017

Requested by: City of Lafayette

Project: Bicycle & Pedestrian Safety Project (des #1601000)

Details: This modification reallocates STP funds from the South Street project and adds additional STP funds to the safety project.

Amendment No.51, April 20, 2017

Requested by: Tippecanoe County

Project: Morehouse Road project (des #1401280)

Details: This modification reallocates STP, STP PYB and HSIP PYB funds from four projects and programs additional STP and flexed TA funds for a supplement to the Morehouse Road project, PE phase.

Amendment No.52, April 20, 2017

Requested by: Tippecanoe County

Project: Klondike Road (des #1173626)

Details: This modification reallocates STP funds from the Lindberg Road project to the Klondike Road project, RW phase.

Amendment No.53, April 27, 2017

Requested by: APC Staff

Project: Morehouse Road (des #1401280)

Details: This modification flex's FY '17 HSIP PYB funds to STP PYB funds.

Amendment No.54, June 28, 2017

Requested by: City of West Lafayette and Tippecanoe County

Project: Twyckenham Trail (des #1700401), Klondike Road (des #1173626) and Harrison Safety Improvements (des #1700407)

Details: This modification allocates additional federal funds from FY 2017 and 2018 due to the final 2017 Local Share of Federal Formula Apportionments. The additional funds will be used to for the Twyckenham Trail (PE Phase) and for Klondike Road (RW phase). A small amount of STP funds was reallocated from the construction to right-of-way phase with in the Klondike project.

Amendment No.55, June 28, 2017

Requested by: APC Staff

Project: Twyckenham Trail (des #1700401), Klondike Road (des #1173626) and Harrison Safety Improvements (des #1700407)

Details: This modification changes how the additional FY 2017 federal funds are programmed as a result of the June 28th modification. The funds are to be shown as FY 2018 funds.

Executive Summary

The Transportation Improvement Program (TIP) is a capital improvement plan that coordinates the implementation of all transportation projects within Tippecanoe County. It includes projects receiving funds from the U.S. Department of Transportation and those funded solely with local revenue. The time period covered by this TIP is four years: Fiscal Years 2016 through 2019. The 2016 State fiscal year begins on July 1st, 2015.

The Moving Ahead for Progress in the 21st Century Act (MAP-21) was signed into law on July 6, 2012 and it has been extended to May 31, 2015 through the Highway and Transportation Funding Act of 2014. MAP-21 and its extension require all Metropolitan Planning Organizations (MPOs) to develop a TIP. It further states that the TIP shall be developed in cooperation with the State and public transportation operators and it must be developed through a performance-driven, outcome based approach to planning for metropolitan areas of the State. The process for developing the TIP shall provide for consideration of all modes of transportation and shall be continuing, cooperative and comprehensive to the degree appropriate, based on the complexity of the transportation problems to be addressed. This TIP complies with the requirements set forth under MAP-21 and its extension.

This TIP assumes that all of the MAP-21 requirements will continue if another extension is passed or a new transportation act is enacted.

The TIP is a multi-modal budgeting tool that specifies an implementation timetable, funding sources, and responsible agencies for transportation projects. Projects are advanced by all of the following nine implementing agencies:

- The City of Lafayette
- The City of West Lafayette
- Tippecanoe County
- The Town of Dayton
- The Town of Battle Ground
- The Town of Clarks Hill
- The Greater Lafayette Public Transportation Corporation (CityBus)
- The Purdue University Airport
- The Indiana Department of Transportation

The proposed projects address anticipated future problems as well as respond to ever changing conditions. Some projects are selected in response to needs documented in the various long range plans, while other projects address emerging situations needing attention. The TIP provides local governments with a comprehensive funding plan for transportation improvements for the next four years.

Over \$441 million is programmed over the next four years with the majority (65%) being locally initiated projects. This community proposes to spend over \$289.3 million for locally

initiated projects and benefit from over \$151.8 million in State initiated projects between FY 2016 and FY 2019. The Federal share for these projects is just over \$209.9 million (\$80.1 million and \$129.8 million respectively). The complete Four-Year Program of Projects is listed in **Tables 4** through **7**. Maps showing project locations are in **Figures 1** through **4**. Those projects in **Tables 5** and **7** are included for informational purposes only.

For FY 2016, local jurisdictions requested over \$12.8 million in Federal Funds. These funds will be used to reconstruct roads, improve intersections, construct trails, operating and capital transit projects, and an airport project. These projects are shown in **Table 4, Funded Local Projects**.

All federally funded projects in the TIP are limited by the funds available at all levels of government (local, state, and federal). These projects are the most pressing but in no way reflect all the community's transportation needs. The TIP development process assures that limited funds are used where the need is greatest.

This report is divided into twelve sections. Section 1 explains the public and private participation process. Section 2 documents the Environmental Justice process. The next section reviews the status of all the governmental ADA transition plans within the planning area. Section 4 summarizes early environmental reports, or Red Flag Investigations, for local projects in the TIP. The process for selecting projects comprises the fifth section. The sixth section contains the Four-Year Program of Projects for the metropolitan area and is listed by fiscal year and phase. Section 7 provides a financial summary and multi-year investment plan. Section 8 explains how prioritized projects were selected. MAP-21 requires projects to be selected based on performance measures. A discussion of the performance measures used in project selection is reviewed in Section 9. Section 10 provides an analysis of the financial capacity of CityBus. A short discussion of the progress of both local and INDOT projects over the past year is covered in the eleventh section. Section 12 reviews Intelligent Transportation Systems (ITS) characteristics of local projects. A summary of public responses to the proposed TIP are in **Appendix 5**.

MAP-21 requires all Metropolitan Planning Organizations to publish an annual listing of projects for which federal funds have been obligated in the preceding year. This information is covered in a separate more detailed report, the Annual Listing of Projects, Fiscal Year 2014, which is available at the APC office and on the APC web site.

1. Public / Private Participation Process

MAP-21 requires all Metropolitan Planning Organizations provide stakeholders a reasonable opportunity to comment on the TIP and the proposed projects. This includes providing: adequate public notice, timely information to various organizations, reasonable public access to technical and policy information, and seeking out and considering the needs of those traditionally underserved. The process must involve citizens, freight shippers, traffic, safety, and enforcement officials, private transportation providers, representatives of users of public transit, and local elected officials.

In response to MAP-21, the Area Plan Commission of Tippecanoe County has a proactive participation process. The main source of public input is through the Policy Board and its advisory committees. Notification of committee meetings and other important information is given by personal contacts, publication of legal notices, and posting notices in public places. Personal contacts include notifying by letter representatives from the: trucking industry, freight transportation services in the area, railroads, bicycle clubs, minority groups, local private transportation providers, neighborhood organizations, users of public transit, and Citizen Participation Committee members.

Policy Board and Advisory Committees

The public, stakeholder organizations, business representatives and government officials have the opportunity to participate in the development of the TIP through the Policy Board and its advisory Committees: the Technical Transportation Committee and the Citizen Participation Committee. The committees are an integral part of the planning process and advise the Policy Board on planning matters. The public is encouraged to attend all committee meetings and an opportunity to speak is provided at each.

Administrative Committee (Policy Board)

The Administrative Committee (AC) is comprised of the chief elected officials from the Cities of Lafayette, West Lafayette, and Tippecanoe County. Members also include representatives from INDOT, and CityBus. Members of this committee ultimately make financial commitments to implement TIP projects. Meetings are held on the second Thursday of every month and agendas are posted as provided by law and sent to the media a week prior to meetings. The Administrative Committee officially became the policy board on May 1, 2015.

Technical Transportation Committee

The Technical Transportation Committee (TTC) draws from the advice and knowledge of various local, state, and federal government engineers and planners, traffic officers, and transit and airport operators. Members have important responsibilities for designing, operating, and maintaining the transportation system. This group makes recommendations to the Policy Board on TIP development, project prioritization, and amendments. The public is also asked to provide input and suggestions. The TTC meets on the third

Wednesday afternoon of each month. Agendas are posted and sent to the media a week prior to meetings.

Citizen Participation Committee

The Citizen Participation Committee (CPC) is a broad-based, grassroots committee of citizens. They provide a link for disseminating information to nearly 40 organizations in the Greater Lafayette area. In addition to providing information, the meetings allow for group representatives to give feedback on topics from previous meetings. The meetings are scheduled bimonthly and are held on the 4th Tuesday of the month. Agendas are mailed to all representatives and sent to the media one to two weeks prior to the meeting.

Area Plan Commission

The Area Plan Commission of Tippecanoe County (APC) is designated by the Governor as the Metropolitan Planning Organization for the Lafayette, Indiana metropolitan area. APC is responsible for transportation planning, and directs federally funded projects and programs within the Metropolitan Planning Area. Meetings are held on the third Wednesday evening of each month. The APC no longer approves the TIP and only approves transportation plans if the plan is to become part of Tippecanoe County's Comprehensive Plan.

For this TIP, information regarding the document was presented at the January and March CPC meetings. During the first meeting, the process used to develop the TIP, and the list of projects were presented and discussed. The priorities recommended by the TTC and the draft document were presented and discussed at the March meeting. All comments and questions from participants can be found in **Appendix 5**. The March meeting notification letter stated that the draft document was available on the APC transportation web site. The March CPC meeting is also the formal public hearing.

Notices

The public participation process included posting public notices at the following key locations: Lafayette and West Lafayette City Halls, the County Office Building, West Lafayette Community Center, the Tippecanoe County Senior Center, CityBus administration building and Downtown Transfer Center, the West Lafayette Public Library, the Tippecanoe County Public Library branches (downtown, Ivy Tech and Lindberg campuses), and at the Hanna Center. Three notices were posted during the development of this TIP. The first notice stated that the draft TIP was being developed and that the Five Year Production Schedule will be reviewed, discussed and approved by the Technical Transportation Committee. The second notice informed the public when the public meeting would be held. The third notice stated that the draft document was completed, how to obtain a copy, and when the TIP would be considered and possibly adopted by the Policy Board. The first notice was posted more than 90 days before adoption of the document.

Two legal advertisements were published in each local newspaper, one daily and one weekly, concerning the: TIP development process, project lists, prioritization and adoption of the TIP. The first notice announced that the TIP was in development and when the

Technical Transportation Committee would review and approve the Five Year Production Schedule. The second advertisement stated when the Policy Board would discuss the TIP and act on its adoption. All notices provided an invitation to inspect the draft TIP and all pertinent material.

One press release was issued before the formal public hearing. It invited the general public to the meeting and also stated that the draft document was available on the APC transportation web site or at the APC offices. The press release was sent to ten news organizations.

Three letters were mailed to stakeholders before TIP adoption. The first letter was sent more than 90 days prior to adoption and included: a basic introduction, the content of the TIP, and how projects receive federal funds. It also stated when the TTC would review and approve the Five Year Production Schedule. As an additional opportunity to provide information and receive comments, the letters included the address, email, and phone number of a staff contact person.

The second letter notified when the public hearing would be held. It included a link to the APC web page where the draft TIP is available. It provided additional information about the TIP and stated that the draft document was complete and available for review either via the internet or upon request. The date, time and location of the Policy Board meeting to discuss and possibly adopt the TIP were also provided. The letter included a staff contact name, phone number and address.

The third letter announced the date, time and location when the Policy Board would discuss and possible adopt the document.

If significant differences existed between the TIP reviewed by the public and the TIP proposed for adoption, an additional public meeting would have been held. That was not necessary for this TIP. During the development process, all comments and questions received are noted in **Appendix 5**.

The Federal Transit Administration requires the MPO to institute a process that encourages participation of private enterprises in developing plans and programs funded by the Federal Transit Administration. The process incorporates an early notice by letter to private transportation providers of proposed public sector transit service as well as an opportunity to review and comment on the TIP prior to Technical, Administrative and Policy Board adoption.

Prior to TIP development, staff compiles a list of private transportation providers in the community. The list is generated from the APC's clipping file, the telephone directory, and the Polk City Directory. Phone contact is then made to ensure that the operator: 1) is still in business, 2) that staff has the correct address and name of the general manager or owner, and 3) that the operator does in fact provide transportation services. The aforementioned letters notify these providers that the Area Plan Commission is developing the TIP, when projects will be prioritized, and when the TIP will be adopted. They were also provided the list of local and INDOT projects.

The initial years of this review procedure generated some interest from private transportation providers. However, interest declined to only a few response and then to none. No responses were received this year.

2. Environmental Justice

Environmental Justice is a vital component of the TIP and it amplifies and strengthens Title VI of the Civil Rights Act of 1964. Environmental Justice assures that minorities and persons of low income are considered in programming and funding the projects shown in this document. Transportation improvements must not disproportionately impact those sectors of the Community.

Environmental Justice encompasses three principles. The first is to avoid, minimize, or mitigate disproportionately high and adverse human health and environmental effects, including social and economic effects, on minority and low-income populations. The second is to ensure the full and fair participation by all those potentially affected in the transportation decision-making process. The third is to prevent the denial of, reduction in, or significant delay in the receipt of benefits by minority and low-income populations.

All new, reconstruction, and added travel lane projects requesting federal funds in this TIP were reviewed using APC's Environment Justice Evaluation Process. Projects were compared to those identified in the **2040 Metropolitan Transportation Plan, Completing Our Streets (2040 MTP)** and the **FY 2015 - 2018 Transportation Improvement Program**. If a project is shown in either as having a possible negative impact, it is listed below. New projects that have not been previously reviewed go through the evaluation process. The first step, a macro review, determines if the project is located in areas with concentrations of minority groups and/or low-income populations. If the project is found to be in or near an area, a micro review is conducted that evaluates the project according to nine concerns: displacement of residents; increase in noise and air pollution; creation of barriers in neighborhoods; destruction of natural habitat; reduction in access to transit; reduced access to walkways, displacement of persons, businesses, farms, nonprofit organizations; increase in traffic congestion; and isolation.

Projects with Possible Findings

Local Projects:

Cherry Lane Extension,	Soldiers Home Road, Ph. 2,
Cherry Lane Roundabout,	Star City Trail,
Happy Hollow Neighborhood Trail,	Yeager Road (Tip. Co.),
Morehouse Road,	Yeager Road (W.L.),
Park East Boulevard,	

INDOT Projects:

Old SR 443, bridge over Sagamore Parkway (Old US 52), and US 52, 0.21 to 3.21 miles east of US 231

To assure opportunity for full participation by persons potentially affected, staff uses local community organizations and groups as the communication conduit. This follows recommendations in the US DOT manual entitled Public Involvement Techniques for Transportation Decision-Making. The Citizen Participation Committee includes most of these organizations and groups plus neighborhood organizations.

3. Americans with Disabilities Act Project Review

FHWA's regulatory responsibility under Title II of the Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act of 1973 (504) require that recipients of Federal aid, either State or local entities that are responsible for roadways and pedestrian facilities, do not discriminate on the basis of disability in any highway transportation program, activity, service or benefit they provide to the general public. The State and local entities must ensure that people with disabilities have equitable opportunities to use the public right-of-way system.

ADA and Section 504 requires states and local governments, with 50 or more employees, to develop a Transition Plan which is intended to identify system needs and integrate them with the planning process. The transition plan and its identified needs must be fully integrated into the TIP. Agencies must incorporate accessibility improvements into the transportation program on an ongoing basis in a variety of ways.

MPOs are to ensure that local public agencies with projects in the TIP have provided the status of their ADA Transition Plan to the MPO. The MPO must report completion status to FHWA and INDOT. **Table 1** summarizes the status of all Local Public Agency (LPA) transition plans.

Table 1: Status of LPA and INDOT ADA Transition Plans

LPA	Status of Transition Plan	Adoption Date
Tippecanoe County	Adopted	December 17, 2012 January 8, 2013
City of Lafayette	Adopted	UPDATE March 14, 2014
City of West Lafayette	Adopted	December 18, 2012
Town of Battle Ground	Adopted	December 10, 2012
Town of Clarks Hill	Adopted	December 3, 2012
Town of Dayton	Adopted	December 3, 2012
INDOT	Updated	February 15, 2013

Through the "Call for Projects", all LPAs were asked if their proposed projects meet ADA requirements. All local projects that are shown in this TIP are being designed to meet PROWAG standards.

CityBus has submitted the required ADA self-certification as part of their annual certification. The operating assistance being requested in this TIP will be used to continue the paratransit service.

4. Red Flag Investigations and Review

Any state or local government project that receives federal funds must consider potential consequences and impacts to the social and natural environment. This requirement became law when enacted by the US Congress on January 1, 1970 and it is known as the National Environmental Policy Act (NEPA).

To help in considering environmental issues early in the transportation planning process, as well as shorten the time to complete a project, the Federal Highway Administration encouraged MPOs to conduct Red Flag investigations (RFI) for all local projects that may use federal funds. Each RFI evaluates a projects potential impact on infrastructure, water resources, mining/mineral exploration, hazmat, ecological information, and cultural resources within a ½ mile radius of the proposed project. Any and all concerns are documented in the analysis.

In develop this TIP, MPO staff performed red flag investigations for all of the new projects in which preliminary engineering has not yet started. They are shown in **Table 2**.

Table 2: Red Flag Investigations

Project	Location	Jurisdiction
36 th Street	Union to South Street	Lafayette
Poland Hill Road	Teal Road to Beck Lane	Lafayette
Rome Drive	Shenandoah to Creasy Lane	Lafayette
South Beck Lane	Old Romney Road to CSX Railroad Tracks	Lafayette
Lindberg Road	Northwestern to Salisbury	West Lafayette
Northwestern Avenue	North to Grant & Dodge to Lindberg	West Lafayette
Yeager Road	Challenger Ave. to City Limits	West Lafayette
Concord Road	At CR 430S	Tippecanoe Co.
Morehouse Road	Sagamore Parkway to CR 500N	Tippecanoe Co.
North River Road	At CR 500N	Tippecanoe Co.
Yeager Road	City Limits to CR 500N	Tippecanoe Co.

Each report includes a short narrative, an individual summary for each of the six factors, a recommendation section and maps. The analysis uses INDOT's data supplemented with local GIS databases and compares individual overlays of each of the six factors to the project location and area. **Table 3** shows the number of recommendations and the type of possible environmental concern.

Table 3: Red Flag Investigation Recommendations

Project	Number of Recommendations	Recommendations					
		IN	WR	M	HC	EI	CR
36 th Street	3	✓	✓		✓		
Poland Hill Road	2	✓	✓				
Rome Drive	2	✓			✓		
South Beck Lane	2	✓			✓		
Lindberg Road	2	✓			✓		
Northwestern Avenue	3	✓			✓		✓
Yeager Road (W.L.)	1	✓					
Concord Road	1	✓					
Morehouse Road	5	✓	✓		✓	✓	✓
North River Road	1	✓					
Yeager Road (Tip. Co.)	3		✓	✓			✓

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

In reviewing the individual reports, the most prevalent recommendation is coordination with other agencies whether it's related to underground infrastructure, railroads, flood plains, wetlands, and drainage ponds. Individual agencies have been identified who need to be involved in the more detailed environmental analysis. The individual RFI reports are not included in this document, but can be found on the APC Transportation web page or at the Area Plan Commission office.

5. Project Selection Process

The project selection process in developing this TIP differs slightly from the one used in the past. Local projects seeking federal funds were selected through the creation of the Five Year Production Schedule. All other projects, both local and state, followed the standardized selection process which began in December. Project identification, review and selection procedures are as follows:

1. Projects are submitted by the local agencies that are listed in the Executive Summary.
2. Projects are reviewed and assembled by the MPO staff.
3. Transit projects are endorsed by the Board of Directors of CityBus.
4. The first public notice is given which includes mailing, contact letters and legal ads in two local newspapers as outlined in the Public/Private Participation Process. The notice states the meeting time and date when the Technical Transportation Committee will review, discuss and approved the Five Year Production Schedule and recommend which INDOT projects are a priority to this community.
5. The Technical Transportation Committee reviews, discusses and approves the Five Year Production Schedule and INDOT projects.
6. The draft TIP is developed and then made available for review and comment on the APC transportation web page.
7. The draft TIP is submitted to INDOT, FHWA and FTA for review.
8. A second public notice is posted and a letter notifies when the public hearing will be held.
9. The draft document is presented at the March CPC meeting. Members are informed when the document will be reviewed and possibly adopted by the Policy Board. The March CPC meeting is also the formal public hearing.
10. The draft TIP is reviewed and endorsed by the Technical Transportation Committee.
11. A third public notice is distributed notifying citizens that a draft document has been developed along with the date and time when the Policy Board will review and possibly adopt the TIP.
11. The Administrative Committee (Policy Boar) reviews and approves the draft TIP by resolution.
12. If the final TIP differs significantly from the one made available for public comment, an additional opportunity for public comment is scheduled.
13. The adopted TIP is submitted to: INDOT, FHWA, FTA and the local participating agencies.

The Policy Board, at its May 14, 2015 meeting, adopted the FY 2016-2019 Transportation Improvement Program with the concurrence of the CityBus Board of Directors (March 25, 2015) for the transit portion. The APC, TTC, AC, CPC, and Board of Directors meetings comply with open door requirements. Notification to news media, posting notices and agendas all occurred in advance of these meetings.

6. *The Four-Year Program of Projects*

The Four-Year Program of Projects is required to include all projects that will use financial assistance from the US Department of Transportation. Most of the projects listed in this section use State and or Federal funds. The program also includes all significant non-federally funded projects, whether state or locally initiated. Non-financially constrained projects (not yet fully funded), both local and state, are also shown but in separate exhibits. They are shown for informational purposes only and as a reference of future projects.

All local projects are listed in **Tables 4** and **5** with their locations shown in **Figures 1** and **2**. **Tables 6** and **7** and **Figures 3** and **4** show all state projects. A summary of the funding sources for the locally initiated projects is in **Table 32**. Projects for which Surface Transportation Program (STP) Urban Group II funds will be used and their amounts are listed by fiscal years in **Tables 8** through **14**.

The Four-Year Program of Projects contemplates a total transportation budget of over \$441.2 million for the four-year period. In FY 2016, over \$66.9 million is programmed for both local and state projects in the community. The U.S. Department of Transportation's share of the cost is over \$30.9 million with locally initiated projects programmed for \$12.8 million and state projects programmed for \$18.0 million. The cost for individual projects and their federal, state, and local amounts are found in **Tables 4, 5, 6** and **7**. Project cost estimates reflect year of expenditure dollars.

Key to Abbreviations

- AC** - Administrative Committee
- ADA** - Americans with Disabilities Act
- AIP** - Airport Improvement Plan
- APC** - Area Plan Commission of Tippecanoe County
- ARRA** - The American Recovery and Reinvestment Act of 2009
- AVL** - Advanced Vehicle Location System.
- COIT** - County Option Income Tax
- CPC** - Citizen Participation Committee
- DES NO** - Designation Number. These are project numbers used by the Indiana Department of Transportation and the Federal Highway Administration.
- FEDERAL SHARE (FED)** - The amount of funds the USDOT will match for the project.
- FFY** - Federal Fiscal Year. The Federal Fiscal year begins on October 1st.
- FHWA** - Federal Highway Administration
- FUND TYPE** - This identifies the source of funding.
- FRA** - Federal Railroad Administration
- FTA** - Federal Transit Administration
- FY or Fiscal Year** -The State fiscal year. Fiscal Year 2015 begins on July 1st, 2014 and ends on June 30th, 2015.
- GLPTC** - Greater Lafayette Public Transportation Corporation (a.k.a. CityBus)
- IDEM** - Indiana Department of Environmental Management
- INDOT** - Indiana Department of Transportation
- KB&S** - Kankakee Beaverville & Southern Railroad
- LOCATION & PROJECT TYPE** - Specifies the project, where it is located, its general termini and a short description of the project. More complete project information can be obtained from the FA-3 form.
- LPA** - Local Public Agency. A local government body (i.e. City of Lafayette, West Lafayette, or Tippecanoe County) eligible to receive USDOT funding
- MAP 21** - Moving Ahead for Progress in the 21st Century
- MPO** - Metropolitan Planning Organization
- NS** - Norfolk Southern Railroad

PHASE (Ph) - Road projects are broken down into implementation stages. The definition of the stages and the abbreviations are as follows:

PE or Preliminary Engineering is the initial phase of a project and includes planning, environmental, engineering, and design activities.

RW or Right-of-Way is the next phase (if needed) and involves obtaining the necessary land for the project and includes right-of-way engineering.

CN or Construction is the final stage when construction is performed and often includes construction engineering/supervision.

Other projects proposed by LPAs, the Purdue University Airport and transit systems may include:

ST or Study

OP or Operating Assistance

CA or Capital Assistance

EQ or Equipment

IN or Inspection

PMTF - Public Mass Transportation Funds. These funds are generated through revenues raised from the State sales tax.

PYB – Prior Year Balance. These federal funds are the agreed to balance of SAFETEA-LU and MAP-21 funds created under INDOT new federal funding policy.

SAFETEA-LU - Safe, Accountable, Flexible, and Efficient Transportation Equity Act: A Legacy for Users

SMRF Funds – State Matching Regulatory Funds

STP - Surface Transportation Program funds. These funds are dedicated in MAP-21 and divided into several different categories. Each category specifies where and how they can be spent. Several categories include: **Urban, Rural, Rail, and Transportation Alternatives**. Urban Group II funds are dedicated funds for cities with a population between 50,000 to 200,000 persons.

TCCA - Tippecanoe County Council on Aging

TDP - Transit Development Plan

TFP - Thoroughfare Plan

TIF - Tax Increment Financing

TIP - Transportation Improvement Program

MTP - Metropolitan Transportation Plan for 2040

TTC - Technical Transportation Committee

UAB - Urban Area Boundary

USDOT - United States Department of Transportation

Funding Codes

Federal Funds:

AIP	Airport Improvement Program
BRIS	Bridge Inspection Funds
BR	Bridge Funds
EN	STP Enhancement Funds (SAFETEA-LU)
FF	Federal Funds Not Specified
HPP	High Priority Projects Program Funds (SAFETEA-LU)
HSIP	Highway Safety Improvement Program
IM	Interstate Maintenance
INTERSTATE	MAP 21 Interstate Funds
NHS	National Highway System (SAFETEA-LU)
NHPP	National Highway Performance Program (MAP-21)
PNRS	Projects of National and Regional Significance
S7C	Capital Assistance Grant, Section 5307 FTA Funds
S7O	Operating Assistance Grant, Section 5307 FTA Funds
S7P	Planning Assistance Grant, Section 5307 FTA Funds
S9C	Capital Assistance Grant, Section 5309 FTA Funds
S10	Capital Assistance Grant, Section 5310 FTA Funds
S16	Section 5316, Job Access & Reverse Commute (JARC)
S17	Section 5317, New Freedom funds
S39C	Capital Assistance Grant, Section 5339 FTA Funds
SAFETY	MAP 21 Safety Funds Not Specified
STP	Surface Transportation Program
STP II	STP: > 50,000 < 200,000
STP IV	STP: < 5,000
RHC	Railway-Highway Crossing HSIP Funds
TAP	Transportation Alternatives Program (MAP-21)

Local Funds:

L1	County Option Income Tax (COIT)
L2	Cumulative Bridge Funds (CBF)
L3	Cumulative Capital Funds (CCF)
L4	Economic Development Income Tax (EDIT)
L5	General Funds (GF)
L6	Greater Lafayette Community Foundation (GLCF)
L7	General Obligation Bonds (GOB)
L8	Wheel Tax
L9	Local Road and Street Funds (LR&S)
L10	Local Property Tax (LPT)
L11	Revenue Bond Funds (RBF)
L13	Tax Increment Financing (TIF)
L14	Developer Escrow Account (DEA)
L15	Purdue University Funds (PUF)
L16	Motor Vehicle Highway Account (MVHA)
L17	Combination of Local Funds (CLF)
L18	Fares, Passes and Tokens (FPT)

Table 4: Funded Local Projects: Fiscal Years 2016 through 2019

Project Location & Description	Ph	Fund Code	Federal Funds	Local Funds	Total Cost	Anticipated Year
City of Lafayette						
1 Old Romney Road	PE					
Twyckenham to US 52	RW					
Road Reconstruction & Widening	CN	L13	0	3,967,000	3,967,000	2015/16
2 John T Myers & Riehle Plaza	CE	STP PYB,L13	80,000	20,000	100,000	2016
Ped. Bridges, Des #1172458	CN	STP PYB,L13	114,862	28,716	143,578	2016
		STP II,L13	56,816	14,204	71,020	2016
	RR	STP PYB	63,527	15,882	79,409	2017
3 Rome Drive	PE	L13	0	100,000	100,000	No Date
Shenandoah to Creasy Lane	RW					
Road Reconstruction	CN	L13	0	1,250,000	1,250,000	No Date
4 Sagamore Pkwy, Des #1296080	CN	State Funded	2,900,000	2,850,000	5,750,000	2015/16
North of McCarty to Teal Rd		STP & Local	452,744	249,987	1,249,934	2016
Road Reconstruction		STP PYB	547,203			2016
		HSIP PYB	105,061	11,673	116,734	2016
5 Sagamore Parkway	PE					
NS railroad crossing to McCarty	RW					
Road Replacement	CN	Local Funds	0	10,000,000	10,000,000	2016/17
6 South Street, Des # 1400566	CN	HSIP,L3,4,13	237,150	26,350	263,500	2017
At Scott & Park Streets						
Pedestrian Crossing Improvement						
7 South 9th St., Des # 1401283	PE	L4,13	0	686,936	686,936	2017
Twyckenham to Vet. Mem. Pkwy.	PE					
Road Reconstruction & Widening	RW	STPII,L4,13	440,000	110,000	550,000	2020
8 South 18th Street, Des # 1172009	PE	STP,L3,4,13	20,000	5,000	25,000	2016
Vet. Mem. Pkwy. to CR 430S	RW					
Road Reconstruction & Widening	CN	STPII,L3,4,13	3,328,393	917,759	5,070,141	2016
	CN	STP PYB	342,643			
	CE	STP PYB	481,346			
At CR 430S						
Pedestrian Crossing Improvement	CN	HSIP,L3,4,13	121,533	13,504	135,037	2016
At Waterstone, Kingfisher,						
Street Lighting Installation	CN	HSIP, L3,4,13	135,000	15,000	150,000	2016
Pedestrian Bridge, Des #1297228	CN	TAP,L3,4,13	138,636	34,659	173,295	2016
Over Kirkpatrick Ditch	CE	STP PYB,Local	16,654	4,164	20,818	2016
9 Star City Trail, Des# 1401284	PE	L3	0	80,000	80,000	2017
N. of Union to Rome Drive	RW	STPII,L3	80,000	20,000	100,000	2019
Trail Construction	CN	STPII,L3	300,000	75,000	375,000	2021

Table 4: Funded Local Projects: Fiscal Years 2016 through 2019, continued

	Project Location & Description	Ph	Fund Code	Federal Funds	Local Funds	Total Cost	Anticipated Year
10	Twyckenham Blvd., Des#1401285	PE	STPII,L2,13	418,336	104,584	522,920	2017
	Poland Hill Rd. to S. 9 th St.	RW	STPII,L2,13	200,000	50,000	250,000	2019
	Road Reconstruction	CN	STPII,L2,13	2,939,731	734,933	3,674,664	2020
	Twyckenham Trail	CN	STPII,L2,13	209,438	52,360	261,798	2020
11	Beckenham and Armstrong Trails, Des # 1382769	PE					
	b) Beck Lane to Twyckenham	RW					
	c) Old 231 to Old Romney	CN	L13	0	750,000	750,000	2016
	New Trail Construction						
12	Bike/Ped Safety Education Des # 1601000	ED	STP PYB	30,000	7,500	37,500	2017
		ED	STP	22,400	5,600	28,000	2017
		ED	STP PYB	30,000	7,500	37,500	2018
13	Twyckenham Trail, Des #1700401	PE	STP PYB	28,000	7,000	35,000	2018
		PE	STP	22,384	5,596	27,980	2018
	Old Romney Rd to Old US 231	CN	STP PYB	220,000	55,000	275,000	2018
City of West Lafayette							
14	Cherry Lane Extension Des # 1401290	PE	HPP	339,144	84,786	423,930	2017
		CN	STPII,L13,16	2,699,731	674,933	3,374,664	2019
	Relocated US 231 to McCormick	CN	HSIP,L13,16	422,576	93,182	931,819	2019
	New Road Construction	CN	HSIP PYB	416,061			2019
		CN	HPP	236,511	59,128	295,639	2019
	Cherry Lane Extension Trail	CN	TAP,L13,16	209,438	52,360	261,798	2019
	New Trail Construction						
15	Cumberland Avenue, Ph 4	PE	L13	0	430,000	430,000	2016
	US 52 to ½ mi west of Sagamore	RW	L13	0	350,000	350,000	2017
	Road Widening	CN	L13	0	4,050,000	4,050,000	2018
16	Happy Hollow Rd, Des # 0900002	CN	STPII,L13	206,271	51,568	257,839	2016
	Sagamore Pkwy to North River Rd	CO	STPII,L13	92,178	23,045	115,223	2017
	Road Reconstruction	CE	STPII	147,338	36,835	184,173	2017
		CE	HSIP PYB	109,415	27,354	136,769	2017
	H. Hollow Safety, Des #1382200	CN	HSIP PYB	4,153	461	3,614	2017
17	Happy Hollow Nbhd. Trail Des # 1401288	PE	L13	0	350,000	350,000	2015
		RW	L13	0	50,000	50,000	2016
	Hollywood to Happy Hollow Park	CN	TAP,L13,16	209,438	52,360	261,798	2018
	New Trail Construction						
18	Kingston Trail Des # 1401286	PE	L13	0	125,000	125,000	2015
		RW					
	Wabash Heritage Trail to Salisbury	CN	STP,L13	545,344	136,336	681,680	2017
	Trail Construction, & Traffic Calming	CN	HSIP,L13	38,493	4,277	42,770	2017
		CN	HSIP,L13	90,000	10,000	100,000	2018

Table 4: Funded Local Projects: Fiscal Years 2016 through 2019, continued

Project, Location & Description	Ph	Fund Code	Federal Funds	Local Funds	Total Cost	Anticipated Year
19 Lindberg Road	PE					
Northwestern Ave. to Salisbury St.	RW	L13	0	75,000	75,000	2015
Reconstruction & Complete Streets	CN	L13	0	1,760,000	1,760,000	2016
20 Northwestern Avenue, Ph 4	PE		0	212,000	212,000	2014
North to Grant & Dodge to Lindberg	RW	L13	0	0	0	2015
Ped. Safety & Signal Modernization	CN	L13	0	2,500,000	2,500,000	2015
21 Sagamore Parkway Trail	PE	TAP,L13	209,401	52,350	261,751	2017
Des # 1401287	PE	STP	20,455	5,114	25,569	2017
Happy Hollow to Wabash River Br	RW					
New Trail Construction	CN					
22 Soldiers Home Rd, Ph 1	PE					
Des # 1401291	RW	STPII,L3,4	400,000	100,000	500,000	2020
Sagamore Pkwy to Kalberer Road	CN					
Reconstruction & Urbanization						
23 Yeager Road, Ph. 4	PE	L13	0	90,000	90,000	2018
End of Pavement to City Limits	RW	L13	0	0	0	2018
Reconstruction & Urbanization	CN	L13	0	2,225,000	2,225,000	2019
Tippecanoe County						
24 Concord Road, Des # 1401282	PE	HSIP,L4,9	134,482	22,535	225,355	2016
At CR 430S	PE	HSIP PYB	68,338			2016
Intersection Improvements	RW	HSIP,L4,9	180,000	20,000	200,000	2018
	CN	STP PYB,L4,9	330,226	82,557	412,783	2019
	CN	HSIP PYB	609,408	67,712	677,120	2019
Concord Road Trail	CN	TAP,L4,9	209,438	134,731	344,169	2021
25 County Bridge Inspection	IN	BRIS, L2	9,296	2,324	11,620	2016
Des # 1382591	IN	BRIS, L2	116,883	29,221	146,104	2017
Various Bridges in County	IN	BRIS, L2	3,360	840	4,200	2018
26 Klondike Road, Des # 1173626	PE					
Lindberg to US 52	RW	STP PYB,L4,9	646,885	161,721	808,606	2016
Road Reconstruction & Widening	RW	STP, L4,9	1,187,382	296,646	1,484,228	2017
	RW	STP,L4,9	92,455	23,114	115,569	2018
	CN	STPII L4,9	3,779,140	1,137,206	5,686,029	2018
		STP PYB	339,976			2018
27 Lindberg Road, Des # 1173627	PE					
Klondike to Relocated US 231	RW	STP PYB,L4,9	144,000	36,000	180,000	2016
Road Reconstruction & Widening	RW	STP,L4,9	175,860	19,540	195,400	2017
	CN	STP PYB, L4,9	2,080,000	520,000	2,600,000	2018

Table 4: Funded Local Projects: Fiscal Years 2016 through 2019, continued

Project, Location & Description		Ph	Fund Code	Federal Funds	Local Funds	Total Cost	Anticipated Year
28	Morehouse Rd., Des # 1401280	PE	STPII,L4,9	479,254	119,814	599,068	2017
	Sagamore Pkwy to CR 500N	PE	STP PYB	97,729	24,432	122,161	2017
	Road Reconstruction & Widening	RW	STPII,L4,9	400,000	100,000	500,000	2019
29	North River Road, Des # 1401279	RW	HSIP,L4,9	320,382	35,598	355,980	2017
	At CR 500N	RW	HSIP,L4,9	152,576	20,000	200,000	2018
	Intersection Improvements	CN	HSIP,L4,9	422,576	211,288	1,056,440	2020
		CN	HSIP,L4,9	422,576			2021
30	River Road, Des # 1401047	PE					
	At River Bend Hospital	RW	INDOT STP	0	170,000	170,000	2017
	Raise the Road Elevation	CN	INDOT STP,L4	500,000	125,000	625,000	2018
31	Yeager Road, Des # 1401281	PE	STPII,L4,9	346,528	86,632	433,160	2017
	W.L. City Limits to CR 500N	RW	STPII,L4,9	400,000	100,000	500,000	2019
	Road Realignment	CN	STPII,L4,9	3,479,731	869,933	4,349,664	2021
32 County Bridge Replacement							
A	Bridge #U64 (Lilly Rd at 210W)	RW	L2,4	0	50,000	50,000	
		CN	L2,4	0	1,200,000	1,200,000	2017
B	Bridge #65 (Lilly Rd at CR240W)	PE	L2,4	0	50,000	50,000	
		RW	L2,4	0	50,000	50,000	
		CN	L2,4	0	1,200,000	1,200,000	2018
C	Bridge #516 (CR575E over Baker)	CN	L2,4	0	300,000	300,000	
D	Bridge #503 (CR900S at 500E)	CN	L2,4	0	300,000	300,000	
E	Bridge #501 (CR300S at 450W)	CN	L2,4	0	300,000	300,000	
F	Bridge #191 (CR400W over Ditch)	CN	L2,4	0	450,000	450,000	
G	Bridge #190 (CR 1200S at 860W)	CN	L2,4	0	300,000	300,000	
H	Bridge #165 (Burnett over Creek)	CN	L2,4	0	1,000,000	1,000,000	2016
I	Bridge #U208 (Old Shadeland Rd)	CN	L2,4	0	1,250,000	1,250,000	
J	Bridge #527 (Old US 231 at Wea)	PE	---		375,000	375,000	
		RW	---		200,000	200,000	
		CN	L2,4	0	2,500,000	2,500,000	
K	Bridge #173 (CR600N at 180E)	CN	L2,4	0	700,000	700,000	
L	Bridge #17 (CR800S at 350E)	CN	L2,4	0	1,400,000	1,400,000	
M	Bridge #80 (CR700W over Flint Ck)	CN	L2,4	0	690,000	690,000	
N	Bridge #120 (Barton Beach Rd)	CN	L2,4	0	240,000	240,000	
O	Bridge #32 (CR 200S over Wildcat)	CN	L2,4	0	850,000	850,000	
P	Bridge #U56 (CR 100E)	CN	L2,4	0	400,000	40,000	
33	McCutcheon Ped Safety Des #1601028	PE	HSIP PYB	0	0	0	2017

Table 4: Funded Local Projects: Fiscal Years 2016 through 2019, continued

Project, Location & Description	Ph	Fund Code	Federal Funds	Local Funds	Total Cost	Anticipated Year
CityBus						
<i>Financial information shown is calendar year beginning January 1st)</i>						
34 Operating Assistance (Sec. 5307)	OP	S70,L1,3,10				
Des # 1172674			1,450,000	5,769,780	10,464,751	CY 2012
Des # 1172675			1,500,000	6,972,401	10,987,989	CY 2013
Des # 1172676			457,773	5,922,091	11,100,000	CY 2014
Des # 1172677			1,300,000	5,792,608	11,557,611	CY 2015
Des # 1382372			1,882,009	6,490,022	11,712,762	CY 2016
Des # 1382373			1,660,816	10,194,722	11,855,538	CY 2017
Des # 1400659			1,000,000	6,493,731	12,446,283	CY 2018
Des # 1500386			1,000,000	6,493,731	12,757,440	CY 2019
35 Capital Assistance (Sec. 5307)	CA	S7C,L3	787,400	196,850	984,250	CY 2012
<i>Des numbers for individual projects</i>			3,239,097	690,135	3,929,232	CY 2013
<i>are shown on pages 59-63 and 92-100</i>			1,280,000	262,500	1,542,500	CY 2014
			3,429,200	857,300	4,286,500	CY 2015
			2,782,438	822,210	3,604,148	CY 2016
<i>Note: Two buses in CY 2016 will be</i>			1,957,804	489,451	2,447,255	CY 2017
<i>purchased with Section 5339 funds and</i>			1,516,800	379,200	1,896,000	CY 2018
<i>one bus will be purchased with Section</i>			2,418,400	604,600	3,023,000	CY 2019
<i>5310 funds.</i>						
36 New Freedom, Section 5317						
Travel Training, Des # 1173583	OP	S17,L10,18	35,450	35,450	70,900	CY 2012
Travel Training, Des # 1298084	OP	S17,L10,18	22,716	22,716	45,432	CY 2013
Access Projects, Des # 1382673	CA	S17, L10,18	80,000	20,000	100,000	CY 2013
ADA Ramps, Des # 1382674	PE	S17, Local	80,000	20,000	100,000	CY 2013
ADA Ramps, Des # 1382674	CN	S17, Local	710,202	177,551	887,753	CY 2013
37 Job Access and Reverse Commute (JARC), Section 5316						
350S Service, Des # 1173581	OP	S16,L10,18	346,103	346,103	692,206	CY 2012
IU Hospital & Evening Routes, Des # 1173582	OP	S16,L10,18	185,737	185,737	371,474	CY 2012
Continue 350S Service, Des # 1298082	OP	S16,L10,18	215,250	215,250	430,500	CY 2013
Extend Late Night Service Des # 1298083	OP	S16,L10,18	143,500	143,500	287,000	CY 2013
38 TIGGER Wind Energy Project	CA	TIGGER	91,239	0	91,239	CY 2013
<i>Des Numbers for individual projects</i>						
<i>are shown on page 96</i>						
39 Section 5310 Funds	CA/OP	S10,L10,18	108,204	27,051	135,255	CY 2017
Paratransit Bus & Travel Training						

Table 4: Funded Local Projects: Fiscal Years 2016 through 2019, continued

Project, Location & Description	Ph	Fund Code	Federal Funds	Local Funds	Total Cost	Anticipated Year
40 Planning Assistance (Sec. 5310)	PL	S7P,L10,18	8,000	2,000	10,000	2017
41 Capital Assistance (Sec. 5339)						
Paratransit Vehicles	CA	S39C,L3	304,000	76,000	380,000	CY 2014
Purchase Fixed Route Buses	CA	S39C,L3	1,353,420	338,355	1,691,775	CY 2014
Town of Battle Ground						
42 North Street & Railroad Street	PE	STP PYB	26,375	6,594	32,969	2016
Des # 1172413 &1005755	PE	STP	4,612	1,153	5,765	2017
CSX RR tracks to Burnett's Creek &	RW	STP PYB	103,200	25,800	129,000	2016
North Street to Battle Field	CN	STPII	426,880	106,720	533,600	2017
Road Reconstruction, Trail &		HSIP PYB	40,000	10,000	50,000	2017
Street Lighting		HSIP PYB L9.16.17	14,286	3,572	17,858	2017
Town of Clarks Hill						
<i>No Projects at This Time</i>						
Town of Dayton						
<i>No Projects at This Time</i>						
Purdue University Area						
43 State Street Corridor Projects	PE					
State Street, US 231 to Tapawingo	RW					
Perimeter Parkway including	CN	TIF	0	60,000,000	60,000,000	2016/18
Williams Connector, River Road,						
Airport Rd, McCormick, & Stadium						
One-Way Street Conversions						

Table 4: Funded Local Projects: Fiscal Years 2016 through 2019, continued

Project, Location & Description	Ph	Fund Code	Federal Funds	Local Funds	Total Cost	Anticipated Year
<i>APC Unified Planning Work Program</i>						
44 INTIME Training	---	HSIP	20,000	2,222	22,222	2019
45 APC Safety Analysis Des # 1601167	---	HSIP	23,748.46	2,638.72	26,387.18	2015
		HSIP PYB	20,000	5,000	25,000	2016
		HSIP PYB	0	0	0	2017
		HSIP	60,000	6,666	66,666	2019
<i>Purdue University Airport</i>						
46 Rehabilitate Flight Operations Aircraft Apron	PE CN	AIP AIP	165,375 603,000	9,188 35,000	183,750 670,000	2016 2017
47 East Parallel Taxiway "C"	CN	AIP	1,478,430	82,135	1,642,700	2018
48 Rehabilitate Runway 05/23	PE CN	AIP AIP	182,250 3,519,833	10,125 19,546	202,500 3,910,925	2019 2020
49 Extend Runway 05/23 and Taxiway B, Environmental Report	PE	AIP	225,000	12,500	250,000	2020
<i>Wabash Center</i>						
50 Van Replacement Des# 1382393	EQ	S10	152,000	38,000	190,000	2017
TOTAL			76,160,681	174,623,556	280,124,680	

Figure 1: Location of Funded Local Projects, FY 2016 - 2019

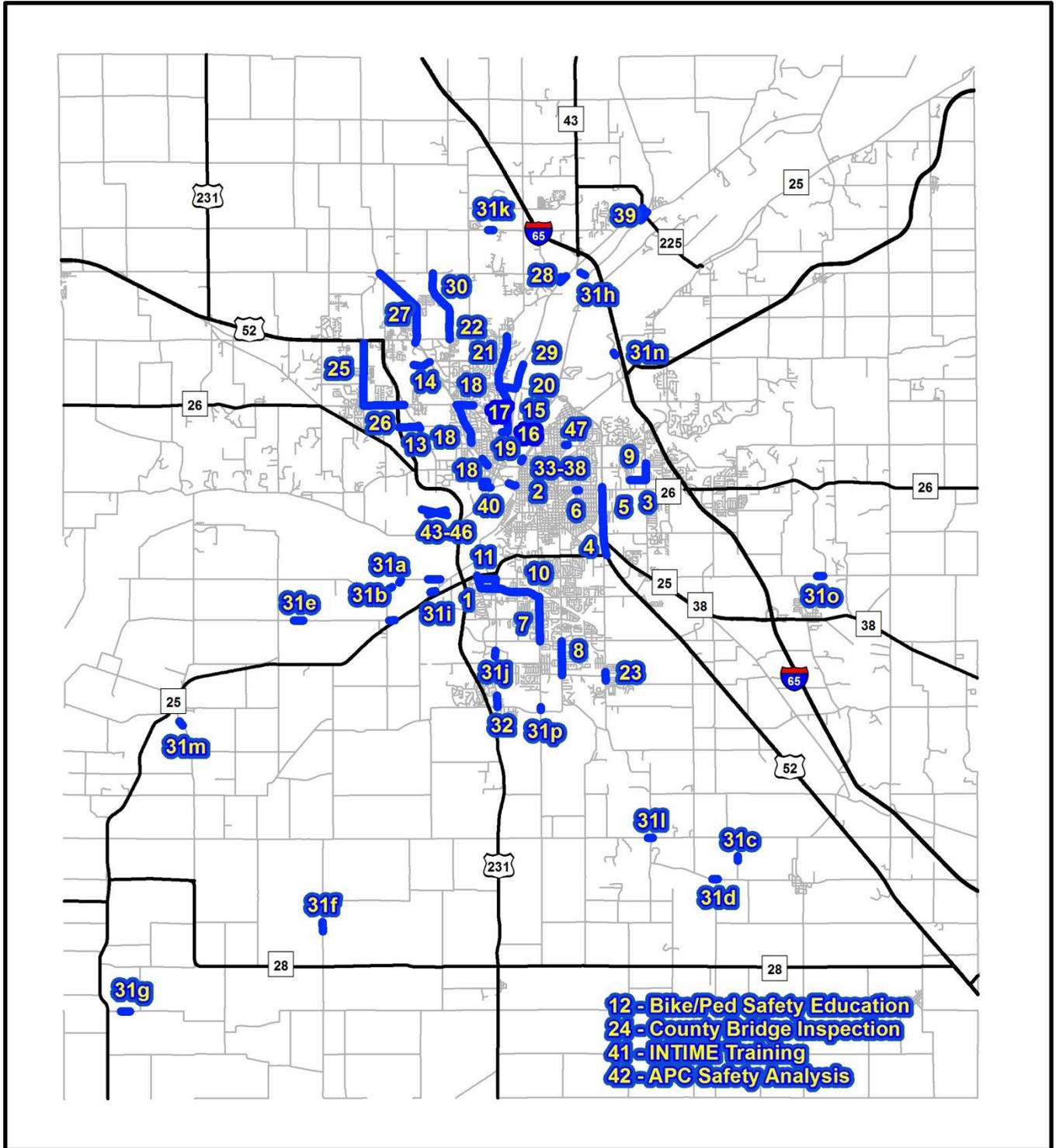


Table 5: Unfunded Local Projects: Fiscal Years 2016 through 2019

	Project Location	Ph	Fund Code	Federal Funds	Local Funds	Total Cost	Anticipated Year
City of Lafayette							
1	36th Street	PE	L13	0	180,000	180,000	No Date
	Union St. to South St.	RW	L13	0	200,000	200,000	No Date
	Road Reconstruction & Widening	CN	L13	0	2,150,000	2,150,000	No Date
2	Beck Lane	PE	Not Identified	0	200,000	200,000	No Date
	Poland Hill to Old US 231	RW	Not Identified	0	120,000	120,000	No Date
	Road Reconstruction & Widening	CN	Not Identified	0	1,500,000	1,500,000	No Date
3.	Park East Blvd.	PE	Not Identified	360,000	90,000	450,000	2017
	Haggerty to SR 38	RW	Not Identified	280,000	70,000	350,000	2018
	New Road Construction	CN	Not Identified	1,600,000	400,000	2,000,000	No Date
4	Poland Hill Road	PE	<i>Specific project information has not yet been identified</i>				
	Teal Road to Beck Lane	RW					
	Road Reconstruction & Alignment	CN					
5	South Beck Lane	PE	<i>Specific project information has not yet been identified</i>				
	Old Romney Rd. to CSX RR Tracks	RW					
		CN					
City of West Lafayette							
6	Soldiers Home Road (Ph 2)	PE	Not Identified	560,000	140,000	700,000	No Date
	Kalberer Road to City Limits	RW	Not Identified	640,000	160,000	800,000	No Date
	Reconstruction & Urbanization	CN					
Tippecanoe County							
7	CR 400E	PE					
	At Clegg Gardens	RW					
	Pedestrian Crossing Improvements	CN	HSIP	180,000	20,000	200,000	2019
CityBus							
8	Shelters, Sidewalks & Bus Replacement	CA	STP	180,000	20,000	200,000	2019

Table 5: Unfunded Local Projects: Fiscal Years 2016 through 2019, continued

Project Location	Ph	Fund Code	Federal Funds	Local Funds	Total Cost	Anticipated Year
Town of Clarks Hill						
9 Sign Replacement	PE					
Throughout Town	RW					
Sign Replacement	CN	HSIP	10,800	1,200	12,000	On hold
Purdue University Area						
10 Purdue Master Plan, Ph 1B	PE		<i>This project will be removed and integrated with the sequencing and projects associated with the State Street Master Plan</i>			
Grant, Chauncey, Vine & Northwestern	RW					
Reconfigure One-Way Pairs	CN					
11 Purdue Master Plan, Phase 2	PE		<i>This project will be removed and integrated with the sequencing and projects associated with the State Street Master Plan</i>			
Stadium Avenue	RW					
Jischke Drive to Northwestern Road Reconstruction & Widening	CN					
12 Purdue Master Plan, Ph 3A & 3B	PE		<i>This project will be removed and integrated with the sequencing and projects associated with the State Street Master Plan</i>			
Stadium, McCormick & Airport Rd	RW					
Road Reconstruction & Widening	CN					
13 Purdue Master Plan, Ph 4A & 4B	PE		<i>This project will likely be deleted from the TIP due to the revised Purdue Master Plan</i>			
Beerling Dr. & Wooden Dr.	RW					
Road Re-Alignment & Widening	CN					
Wabash Center						
14 Van Replacement	EQ	S10	160,000	40,000	200,000	2016
TOTAL			3,970,800	5,291,200	9,262,000	

Figure 2: Location of Unfunded Local Projects Shown for Informational Purposes Only, FY 2016- 2019

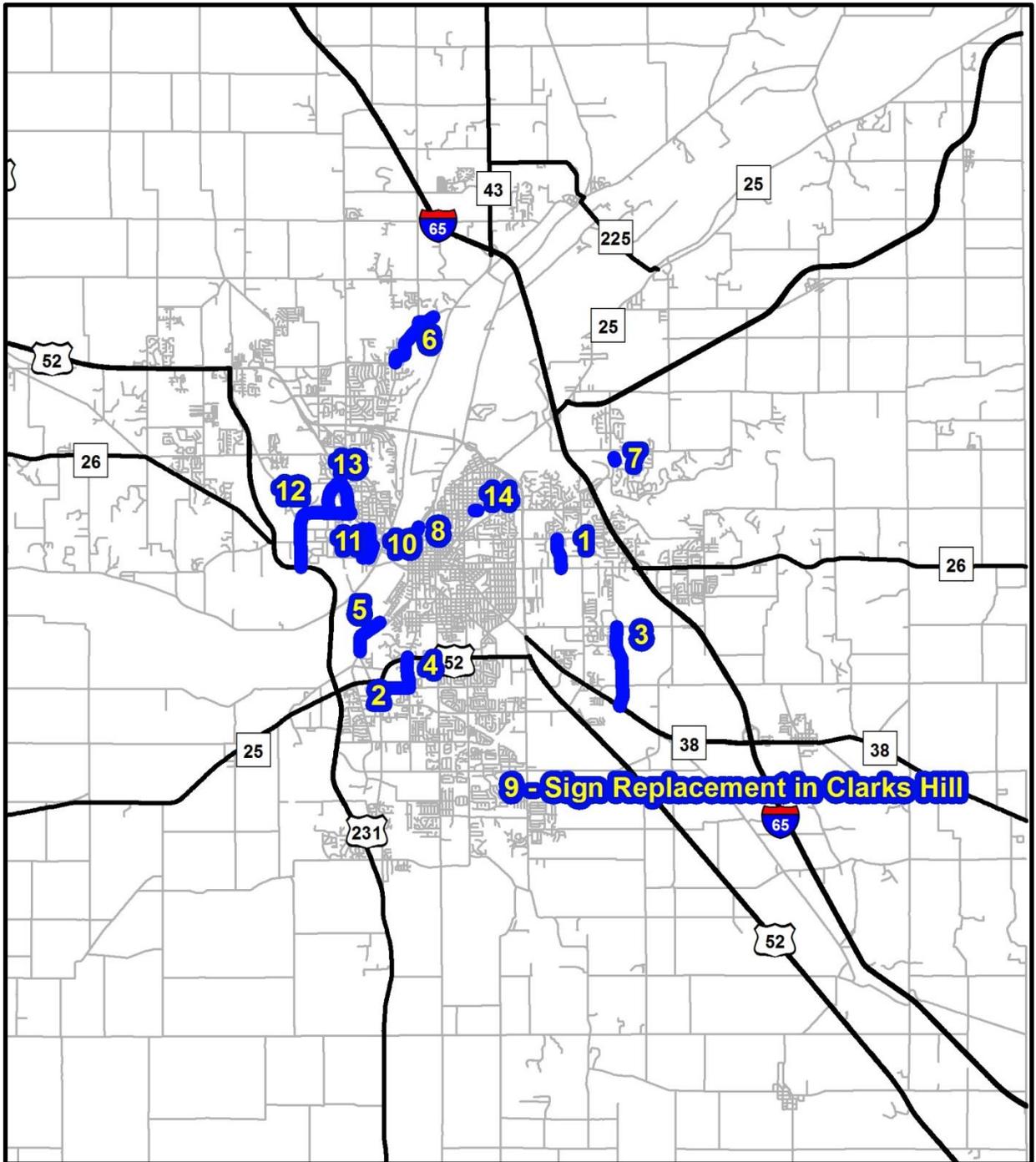


Table 6: Funded Indiana Department of Transportation Projects

	Project Location	Ph	Fund Code	Federal Funds	State Funds	Total Cost	Anticipated Year
1	SR 25, Des # 1296092 Over Wea Creek, Bridge Deck Overlay	CN	STP	328,000	82,000	410,000	2017
2	SR 25, Des # 1298419 Bridge over Shawnee Creek	PE	STP	152,000	38,000	190,000	2016
	Replace Superstructure	RW CN	STP	569,600	142,400	712,000	2018
3	SR 25, Des # 1500120 1.51 mi. S of SR 28, Wallace Ditch	PE	On Fed Aid	108,800	27,200	136,000	2017
	Small Structure Replacement	RW CN	On Fed Aid	28,000	7,000	35,000	2018
4	SR 25, Des # 1602069 Bridge over Flint Creek, Bridge Thin Deck Overlay	PE	NHPP	12,000	3,000	15,000	2017
5	SR 26, Des # 9608220 Bridge over S Fork Wildcat Creek	RW	NHS	9,080	2,270	11,350	2016
	Bridge Replacement	RW CN	NHPP	22,920	5,730	28,650	2017
			NHPP	4,892,000	1,223,000	6,115,000	2017
6	SR 26, Des # 0900178 8.57 mi. E SR55 to 0.14 mi W US52	PE	NHS	11,200	2,800	14,000	2016
	HMA Overlay	RW CN	STP	2,240,000	560,000	2,800,000	2017
7	SR 26, Des # 1296009 Over Coffee Run Creek, E of I-65	PE	NHS	24,240	6,060	30,300	2016
	Bridge Deck Overlay	RW CN	NHS	238,400	59,600	298,000	2016
8	SR 26, Des # 1500096 4.98 mi. W of US 231	PE	On Fed Aid	72,000	9,000	81,000	2016
	Culvert Clean and Repair	PE RW	On Fed Aid	8,000	2,000	10,000	2017
			On Fed Aid	28,000	7,000	35,000	2018
9	SR 26, Des # 1592685 1.35 mi E of I-65 to 0.62 mi E of 421	PE	NHS	40,000	10,000	50,000	2016
	Functional HMA Overlay	RW CN					
10	SR 28, Des # 1500155 SR 25 to US 231, Functional HMA Overlay	PE	On Fed Aid	288,000	72,000	360,000	2017
11	SR 28, Des # 1592968 US 231 to US 52, Road Rehabilitation	PE	STP	40,000	10,000	50,000	2017
12	SR 28, Des # 1593036 US 52 to 1.32 mi E of I-65, HMA Overlay	PE	On Fed Aid	40,000	10,000	50,000	2016
13	SR 28, Des # 1602094 Bridge over Wea Creek, Bridge Thin Deck Overlay	PE	NHPP	12,000	3,000	15,000	2017
14	SR 38, Des # 1601073 0.95 to 1.08 mi E of I-65	PE	NHPP	88,000	22,000	110,000	2017
	Functional HMA Overlay	PE	NHPP	8,000	2,000	10,000	2018

Table 6: Funded Indiana Department of Transportation Projects, continued

	Project Location	Ph	Fund Code	Federal Funds	State Funds	Total Cost	Anticipated Year
15	SR 43, Des # 1592686	PE	NHPP	40,000	10,000	50,000	2017
	N SR 225 to S SR18, HMA Overlay	CN	NHPP	1,093,742	273,435	1,367,177	2018
16	SR 43, Des # 1593085	CN	NHS	640,873	160,218	801,091	2017
	0.46 mi S of I-65 to 0.12 mi N of 225, Ultrathin Surface Treatment						
17	Sagamore Parkway (Old US 52) Des # 0400774	PE	Bridge	116,800	29,200	146,000	2016
	EB bridge over Wabash River	RW					
	Bridge Replacement	CN	STP	12,825,600	3,206,400	16,032,000	2016
18	Sagamore Parkway (Old US 52) Des # 1298387	PE	STP	45,686	11,422	57,108	2016
	WB Bridge over Wabash River, Bridge Deck Replacement	CN	STP	3,541,600	885,400	4,427,000	2018
19	US 52, Des # 0800132	PE	NHPP	63,088	15,772	78,860	2016
	0.21 to 3.21 mi. N of US 231	PE	NHPP	27,200	6,800	34,000	2017
	Road Reconstruction	RW	NHPP	620,000	155,000	775,000	2017
		CN	NHPP	4,368,800	1,092,200	5,461,000	2018
20	US 52, Des # 1172176	CN	HSIP	630,000	0	630,000	2018
	9 th , 18 th , 22 nd , 26 th , Elston, Old 231, Traffic Signal Modernization						
21	US 52, Des # 1401315	CN	STP	1,104,000	276,000	1,380,000	2016
	Montmorenci to Cumberland Ave., Surface Treatment						
22	US 52, Des # 1500159	PE	STP	40,000	10,000	50,000	2017
	30 th St to N of Stockwell Rd, HMA Overlay	CN	NHPP	7,494,928	1,873,732	9,368,660	2018
23	US 52, Des # 1500277	CN	NHPP	639,200	159,800	799,000	2018
	At South 4 th Street, Intersection Improvements						
24	US 52, Des # 1592842	PE	NHPP	28,560	7,140	35,700	2017
	Bridge over Wabash R. to SR 25	RW					
	PCCP Patching	CN	NHS	313,920	78,480	392,400	2019
25	US 52, Des # 1600534	PE	NHPP	17,043	4,261	21,304	2016
	At River Road, Environmental Mitigation						
26	US 52, Des # 1601884	PE	HSIP	15,000	0	15,000	2017
	At US 231 (Montmorenci)	CN	HSIP	559,000	0	559,000	2018
	New Signal Installation						
27	US 52, Des # 1601992	PE	NHPP	16,000	4,000	20,000	2017
	Bridge over Lauramie Creek, Bridge Thin Deck Overlay						
28	US 52, Des # 1601999	PE	NHPP	12,000	3,000	15,000	2017
	Bridge over Elliott Ditch, Bridge Think Deck Overlay						

Table 6: Funded Indiana Department of Transportation Projects, continued

	Project Location	Ph	Fund Code	Federal Funds	State Funds	Total Cost	Anticipated Year
29	US 52, Des # 1602042 Bridge over Branch of Elliot Ditch, Bridge Thin Deck Overlay	Pe	NHPP	12,000	3,000	15,000	2017
30	US 231/52, Des # 1382313 NB bridge over Wabash River	PE	NHPP	18,560	4,640	23,200	2016
	Scour Protection (Erosion)	RW					
		CN	NHPP	43,200	10,800	54,000	2017
31	US 231/52, Des # 1382314 SB bridge over Wabash River, Scour Protection (Erosion)	CN	NHPP	43,200	10,800	54,000	2017
32	US 231, Des # 1400554 Over Romney Farley Ditch, Bridge Deck Overlay	CN	NHS	196,800	49,200	246,000	2016
33	US 231, Des # 1400217 0.97 miles north of SR 28	PE	STP	176,000	44,000	220,000	2016
	Bridge Replacement	RW	STP	16,000	4,000	20,000	2017
		CN	STP	1,255,200	313,800	1,569,000	2019
34	US 231, Des # 1592841 SR 25 to 3.39 mile south of SR 25	PE	NHPP	40,000	10,000	50,000	2017
	PCCP Patching	RW					
		CN	NHS	1,564,640	391,160	1,955,800	2019
35	Soldiers Home Rd (Old SR 443) Des # 1298394	PE	STP	72,000	18,000	90,000	2016
	Bridge over Old US 52, Bridge Deck Replacement	CN	STP	1,210,400	302,600	1,513,000	2018
36	I-65, Des # 0710471 At Swisher Road	PE	NHPP	57,150	6,350	63,500	2016
	Bridge Deck Overlay	PE	Interstate	66,150	7,350	73,500	2017
		CN	Interstate	1,126,800	125,200	1,252,000	2017
37	I-65, Des # 1005681 NB bridge over the Wabash River	PE	Interstate	51,930	5,770	57,700	2016
	Bdg Deck Replacement & Widening	PE	NHPP	161,460	17,940	179,400	2017
		CN	NHPP	11,700,000	1,300,000	13,000,000	2017
38	I-65, Des # 1005682 SB bridge over the Wabash River, Bridge Deck Replacement & Widening	CN	NHPP	11,700,000	1,300,000	13,000,000	2017
39	I-65, Des # 1006281 NB bridge over Lauramie Creek, Deck Replacement & Widening	CN	Interstate	1,938,600	215,400	2,154,000	2017
40	I-65, Des # 1006282 SB bridge over Lauramie Creek, Deck Replacement & Widening	CN	Interstate	1,275,300	141,700	1,417,000	2017
41	I-65, Des # 1296949 CR 600N NB & SB bridges, Bridge Deck Replacement	CN	Interstate	1,072,800	119,200	1,192,000	2017
42	I-65, Des # 1382656 4.59 mi S SR 28 to 3.44 mi S SR 38	PE	NHPP	161,091	17,899	178,990	2017
	Functional HMA Overlay	CN	Interstate	18,000	2,000	20,000	2016
		CN	NHPP	21,365,100	2,373,900	23,739,000	2017
43	I-65, Des # 1500154 1.71 mi N of SR 43 to US 231	PE	NHPP	90,000	10,000	100,000	2016
	Functional HMA Overlay	RW					
		CN	NHPP	14,196,344	1,577,372	15,773,716	2018

Table 6: Funded Indiana Department of Transportation Projects, continued

	Project Location	Ph	Fund Code	Federal Funds	State Funds	Total Cost	Anticipated Year
44	I-65, Des # 1500249 at Prophetstown State Park, Environmental Mitigation	PE	NHPP	52,470	5,830	58,300	2017
45	I-65, Des # 1500643 CR 900E bridge, Bridge Deck Overlay	CN	NHPP	682,200	75,800	758,000	2017
46	I-65, Des # 1500644 CR 725N bridge, Bridge Deck Overlay	CN	NHPP	654,300	72,700	727,000	2019
47	I-65, Des # 1592704 NB Bridge over Prophets Rock Rd Bridge Deck Overlay	PE CN	NHPP Interstate	45,000 598,860	5,000 66,540	50,000 665,400	2017 2019
48	I-65, Des # 1592705 SB Bridge over Prophets Rock Rd Bridge Deck Overlay	PE CN	NHPP Interstate	45,000 598,860	5,000 66,540	50,000 665,400	2017 2019
49	I-65, Des # 1592723 NB SR 43 bridge over I-65 Bridge Deck Overlay	PE CN	NHPP NHPP	45,000 641,101	5,000 71,567	50,000 715,668	2017 2019
50	I-65, Des # 1592724 SB SR 43 bridge over I-65 Bridge Deck Overlay	PE CN	NHPP NHPP	45,000 641,101	5,000 71,567	50,000 715,668	2017 2019
51	I-65, Des # 1592725 NB Over Burnett's Crk, N 9 th & CSX Bridge Deck Overlay	PE CN	NHPP Interstate	45,000 1,122,750	5,000 124,750	50,000 1,247,500	2017 2019
52	I-65, Des # 1592726 SB Over Burnett's Crk, N 9 th & CSX Bridge Deck Overlay	PE CN	NHPP Interstate	45,000 1,122,750	5,000 124,750	50,000 1,247,500	2017 2019
53	I-65, Des #1601256 Wabash River Bridge, Tree Removal and Trimming	CN	NHPP	276,300	30,700	307,000	2017
54	SR 225, Des # 1593270 Bridge over Wabash River, Thin Deck Overlay	PE	STP	40,000	10,000	50,000	2017
55	Wabash Heritage Trail Des # 0810383 , 3.1 miles in Prophetstown State Park, Bike/Pedestrian Facility	CN	TAP	1,165,614	291,467	1,457,081	2016
56	CR 750E, Des # 1382732 At NS Railroad Crossing Crossing Improvement	PE RW CN	Safety Safety	3,000 287,000	0 0	3,000 287,000	2016 2016
57	Various Locations Statewide Des # 1297250 Underwater Bridge Inspections	PE	Bridge Bridge Bridge Bridge	480,000 480,000 320,000 320,000	120,000 120,000 80,000 80,000	600,000 600,000 400,000 400,000	2016 2017 2018 2019

Table 6: Funded Indiana Department of Transportation Projects, continued

	Project Location	Ph	Fund Code	Federal Funds	State Funds	Total Cost	Anticipated Year
58	Various Locations Statewide Des # 1297451, Bridge Load Rating Inspections	PE	NHS	400,000	100,000	500,000	2016
59	Prophetstown Stat Park Site Des # 0901664 Environmental Mitigation	PE	NHS	322,101	80,525	402,626	2016
			NHS	126,800	31,700	158,500	2017
			NHS	113,800	28,450	142,250	2018
			NHS	97,600	24,400	122,000	2019
60	Lilly Road, Des #1600439 At CSX Railroad Crossing Crossing Improvement	PE	Section 130	20,000	0	200,000	2018
		CN	Section 130	320,000	0	320,000	2019
61	W County Line Rd, Des #1600441 At NS Railroad Crossing Crossing Improvement	PE	Section 130	<i>Programmed for</i>		2018	
		CN	Section 130	<i>Programmed for</i>		2019	
62	Statewide, Des #1600463 On-call Pavement Design	PE	STP	1,704,174	426,044	2,130,218	2017
63	Statewide, Des #1600479 On-call Geotechnical Investigation	PE	STP	1,862,327	465,582	2,327,909	2017
64	Various Locations, Des #1601142 Bridge Maintenance/Repair	PE	NHPP	48,000	12,000	60,000	2017
		CN	NHPP	800,000	200,000	1,000,000	2017
65	Various Locations, Des #1601143 Patch & Rehab Pavement	PE	NHPP	48,000	12,000	60,000	2017
		CN	NHPP	800,000	200,000	1,000,000	2017
66	Prophetstown State Park Des # 1601189, Environment Mitigation	CN	NHPP	270,400	67,600	338,000	2017
TOTAL				129,837,513	22,040,913	151,878,426	

Figure 3: Location of Funded INDOT Projects

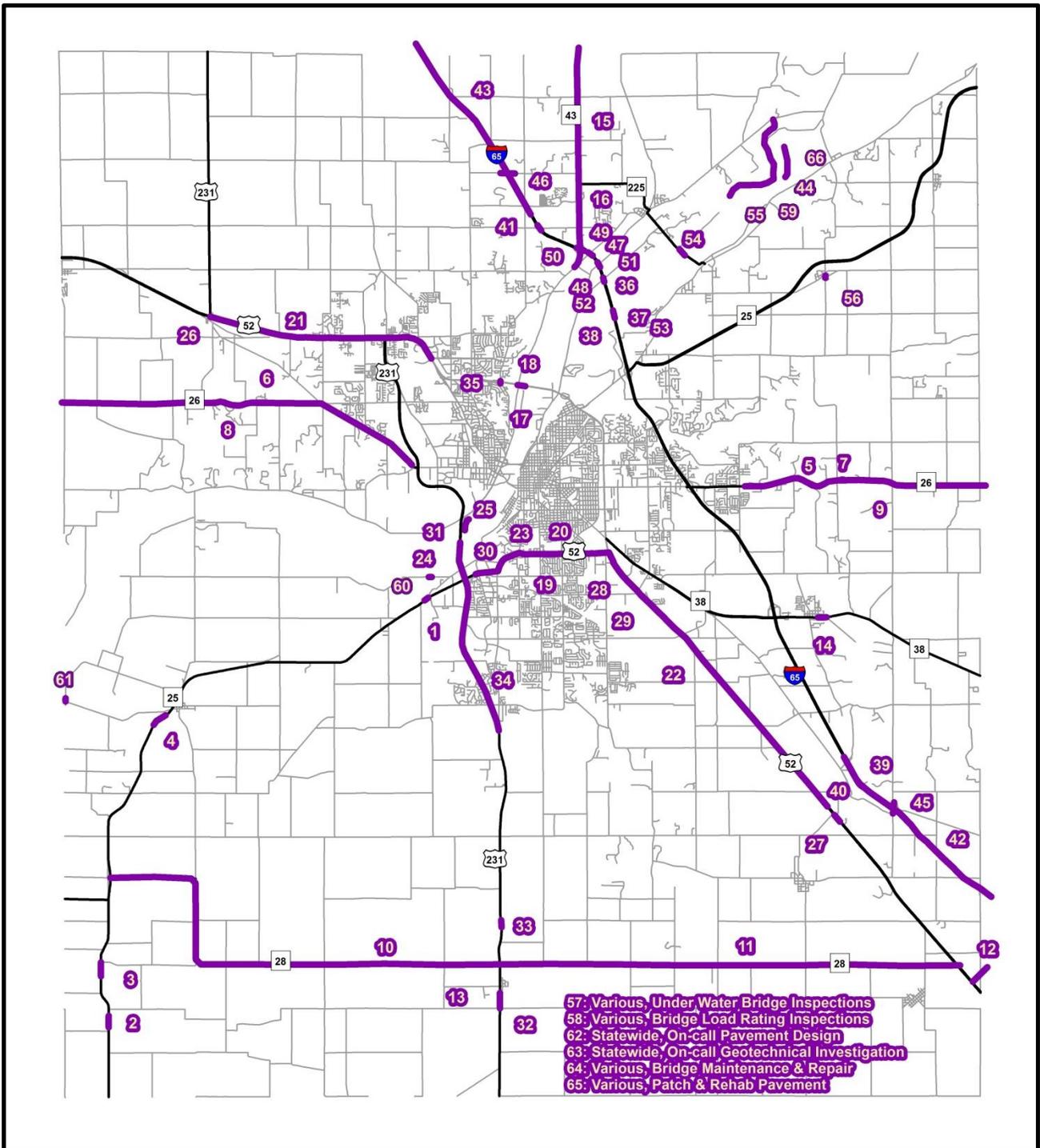
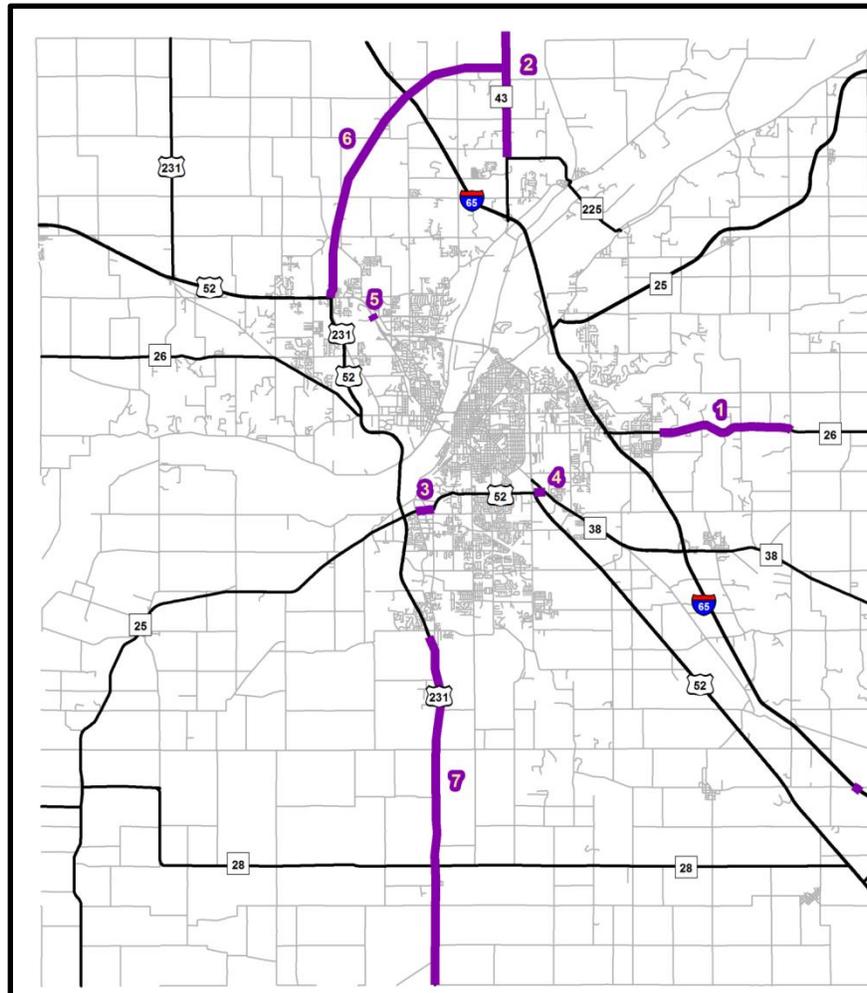


Table 7: Unfunded INDOT Projects for Informational Purposes Only

<u>Project, DES Number</u>	<u>Project Location & Description</u>	<u>Project Status</u>
1. SR 26, Des # 0012950	1.12 to 4.71 miles east of I-65, Pavement Replacement	Provisional
2. SR 43, Des # 0012940	SR 225 to SR 18, Road Replacement	Project Suspended
3. US 52	Old Romney Road to Old US 231	----
4. US 52 (Teal Extension)	New Road Construction, US 52 to SR 38	----
5. Sagamore Parkway (Old US 52)	At Cumberland, Intersection Improvement	----
6. US 231	New Road Construction from US 52 to SR 43	----
7. US 231	Widening from CR 500S south	----

Figure 4: Location of Unfunded INDOT Projects



7. Financial Summary and Plan

All Transportation Improvement Programs are required to be financially constrained (project costs cannot exceed expected revenue). Thus, a community cannot program more than it is allocated. A financial plan is required that demonstrates how projects are implemented within budget, and identifies resources from both public and private sources that are reasonably expected to be made available to carry out the plan.

Available funding limits are provided by INDOT for three types of federal funds within the urban area. STP, Highway Safety Improvement Program (HSIP) and Transportation Alternatives Program (TAP) are allocated to and distributed through the MPO. Rail safety and STP Rural funded projects compete against other projects throughout the district or state and are thus shown on the “information only” list until INDOT awards funding. Transit funding is based on both present and past year funding levels; the same is true for airport projects. Our annual allocations of all three federal funds were updated through the January and March administrative modifications to reflect updated INDOT allocations.

Living within the budget means that project requests are capped at the requested amount. If a project needs additional federal funding, the TIP can either be amended (if there are still federal funds available), transfer unused funds from another project or the jurisdiction must make up the difference with local funds. The costs shown are estimated for the year the project phase is implemented or started.

On May 21, 2014, INDOT’s Chief of Staff notified all Indiana MPOs that starting in FY 2015 carry over balances will no longer be allowed. This new policy marks a substantial change from the previous decade’s long policy which allowed MPOs to save, or carry, over a balance of their federal funds. The previous policy was crafted to help MPOs construct projects in which the construction cost exceeded the annual allocation. The new policy also means that if there is a balance of federal funds at the end of the fiscal year, those federal funds will be forfeited back to INDOT.

SAFETEA-LU and MAP-21 Prior Year Balance Funds

To help ease the transition into the new policies, INDOT provided guidance on how MPOs could allocate their unspent SAFETEA-LU and MAP-21 balances for STP, TAP and HSIP funds. MPOs, in concert with INDOT, reviewed project funding obligations and came to an agreed to balance. These balances are called prior year balances or PYB funds. INDOT then asked MPOs to develop a plan (Five Year Production Schedule) to show how the PYB funds would be spent. APC’s plan was submitted on January 6, 2015 and shows our balances of STP and TAP funds will be spent by 2018 and HSIP funds by 2019. One caveat INDOT insisted upon was that the PYB funds could not be used in FY 2015. Several of our local projects used PYB funds in FY 2015 due to unique circumstances.

Since the beginning of SAFETEA-LU in 2004, our area has received over \$44.7 million in STP, HSIP, EN and TAP funds. The tables in **Appendix 3** show our allocations, by year,

and the amounts that have been allocated and obligated by project. This information was provided by INDOT and it was used to calculate our PYB funds. Our PYB funds are:

STP PYB: \$10,399,062
HSIP PYB: \$1,657,581
EN/TAP PYB: \$868,949

STP Group II Funds (Urban Area)

Projects within the urban area are eligible for federal Surface Transportation Program (STP) Group II funds. Projects located outside the urban area but still in the MPO planning area are eligible as well. Thus, the MPO has the flexibility to spend these federal funds throughout the County. STP funds can be used by local governments for all phases of a project, including engineering, right-of-way and construction.

Based on current information from INDOT, we have been directed to use an estimated FY 2015 STP funding allocation of \$3,779,731 for each year of this TIP. Detailed information can be found in **Appendix 3**. While the FHWA did increase our annual allocation in early May, the updated allocation was not used in developing the TIP. It should be noted that there's a possibility projects could shift and either start earlier or later when more accurate estimates are released. It should be noted that our FY 2016 and FY 2017 allocations have been updated to reflect INDOT's updated funding marks.

Five Year Production Schedule, STP Funds

During the first and second quarter of FY 2015, APC staff and local engineers developed the Five Year Production Schedule by matching project needs to available funding within INDOT's new funding policies. The schedule shows how our local projects are to be funded through 2021. It shows that all of our annual allocation is programmed and that no funds will be forfeited back to INDOT. It also indicates which projects will be funded with our PYB funds.

The chosen projects were derived from the FY 2015-2019 TIP. Those programmed in the financially constrained list were chosen first and given a higher priority. All of the remaining projects came from the illustrative project list. The decisions as to which projects were funded were based on the LPA engineers estimated construction dates, performance measures used to select TIP projects and how best to maximize our annual allocation. **Tables 8** through **14** show the Five Year Production Schedule by year for STP funds.

The Five Year Production Schedule demonstrates that this TIP is fiscally constrained. Each table shows the total amount of federal funds that has been allocated to the projects and compares that total amount to the annual allocation. Each table shows a zero balance thus there are none that are over or under programmed and they are fiscally constrained. This TIP is in compliance with INDOT's new policy.

The Technical Transportation Committee reviewed and approved the projects listed in the Five Year Production Schedule on February 18, 2015. The Administrative Committee reviewed the Five Year Production Schedule and approved it on March 12, 2015.

Table 8: STP Funding, Fiscal Year 2015

Project	Phase	Des #	Purchase Order \$	Annual Allocation	PYB Balance
STP Funds				3,854,570	10,399,062
John T. Myers Bridge	CN	1172458	2,467,632	2,467,632	---
John T. Myers Bridge	CE	1172458	207,200	167,200	---
John T. Myers Bridge	PE	1172458	3,947	3,947	---
Happy Hollow	CN	0900002	3,669,905	889,636	2,780,269
Happy Hollow	CE	0900002	531,730	66,075	465,655
Klondike RR Coordination	---	1173626	12,000	12,000	---
Bicycle & Pedestrian Plan	ST	0801072	79,040	79,040	---
CityBus Safety Project	---	1401150	24,000	24,000	---
Klondike Road	RW	1173526	142,040	142,040	---
Total				3,851,570	3,245,924
Balance				3,000	7,153,138

Note: 2015 PYB funds were made available for use per INDOT letter dated 2-26-2015 (Appendix 4).

Table 9: STP Funding, Fiscal Year 2016

Project	Phase	Des #	TIP Allocation	Annual Allocation	PYB Balance
STP Funds				3,987,859	7,153,138
STP Redistribution				3,182	
Flexed TAP Funds				73,183	
Total				4,064,224	
South 18 th St. (Road)	CE & CN	1172009	4,152,382	3,328,393	823,989
South 18 th St. (Ped. Bridge)	CE	1297228	16,654	---	16,654
South 18 th St. (Road)	PE	1172009	20,000	20,000	---
Twyckenham Trails	CE & CN	1382769	0	---	---
Klondike Road	RW	1173626	616,360	---	616,360
Lindberg Road	RW	1173627	144,000	---	144,000
North Street	PE	1172413	26,375	---	26,375
North Street	RW	1172413	103,200	---	103,200
John T. Myers Bridge	CN	1172458	171,678	56,816	114,862
John T. Myers Bridge	CE	1172458	80,000	---	80,000
Sagamore Parkway, Phase 1	CN	1296080	999,947	452,744	547,203
Happy Hollow Road	CN	0900002	206,271	206,271	---
Total			6,536,867	4,064,224	2,472,643
Balance				0	4,680,495

Table 10: STP Funding, Fiscal Year 2017

Project	Phase	Des #	TIP Allocation	Annual Allocation	PYB Balance
STP Funds				3,866,567	4,769,751
Morehouse Road	PE	1401280	576,983	479,254	97,729
Twyckenham Boulevard	PE	1401285	418,336	418,336	---
North Street	PE	1172413	4,612	4,612	---
North Street	CE & CN	1172413	426,880	426,880	---
Yeager Road	PE	1401281	346,528	346,528	---
Kingston Trail	CE & CN	1401286	545,336	545,336	---
Klondike Road	RW	1173626	1,187,382	1,187,382	---
Lindberg Rd	RW	1173627	175,860	175,860	---
Happy Hollow	CN	0900002	92,178	92,178	---
Happy Hollow	CE	0900002	147,338	147,338	---

Table 10: STP Funding, Fiscal Year 2017 Continued

Sagamore Parkway Trail	PE	1401287	20,455	20,455	---
Bike/Ped Safety Education	ED	1601000	52,400	22,400	30,000
Myers Bridge	RR	1172458	63,527	---	63,527
Total Balance			4,057,823	3,866,567	191,256
				0	4,578,495

Table 11: STP Funding, Fiscal Year 2018

Project	Phase	Des #	TIP Allocation	Annual Allocation	PYB Balance
STP Funds				4,111,979	4,578,495
Klondike Road	RW	1173626	92,455	92,455	---
Klondike Road	CE & CN	1173626	4,337,116	3,997,140	339,976
Lindberg Road	CE & CN	1173627	2,080,000	---	2,080,000
Bike/Ped Safety Education	ED	1601000	30,000	---	30,000
Twyckenham Trail	PE	1700401	50,384	22,384	28,000
Twyckenham Trail	CN	1700401	22,000	---	22,000
Total Balance			6,717,500	3,779,731	2,738,889
				0	1,839,606

Table 12: STP Funding, Fiscal Year 2019

Project	Phase	Des #	TIP Allocation	Annual Allocation	PYB Balance
STP Funds				3,779,731	1,839,606
Cherry Lane Extension	CE & CN	1401290	2,699,731	2,699,731	---
Concord at CR 430S	CN	1401282	330,226	---	330,226
Star City Trail	RW	1401284	80,000	80,000	---
Morehouse Road	RW	1401280	400,000	400,000	---
Yeager Road	RW	1401281	400,000	400,000	---
Twyckenham Boulevard	RW	1401285	200,000	200,000	---
Total Balance			4,109,957	3,779,731	0
				0	1,509,380

Table 13: STP Funding, Fiscal Year 2020 (Illustrative)

Project	Phase	Des #	TIP Allocation	Annual Allocation	PYB Balance
STP Funds				3,779,731	1,509,380
Twyckenham Boulevard	CE & CN	1401285	2,939,731	2,939,731	---
South 9 th Street	RW	1401283	440,000	440,000	---
Soldiers Home Road, Ph. 1	RW	1401291	400,000	400,000	---
Total Balance			3,748,143	3,779,731	0
				0	1,509,380

Table 14: STP Funding, Fiscal Year 2021 (Illustrative)

Project	Phase	Des #	TIP Allocation	Annual Allocation	PYB Balance
STP Funds				3,779,731	1,509,380
Star City Trail	CE & CN	1401284	300,000	300,000	---
Yeager Road	CE & CN	1401281	3,479,731	3,479,731	---
Total Balance			3,779,731	3,779,731	0
				0	1,509,380

Non-Motorized Project Identification and Summary

In June of 2012, the Area Plan Commission adopted the **2040 MTP**. It recommends 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. Examples of those projects include the construction of trails and sidepaths. This TIP continues that policy. Ten percent of our STP funds equates to \$377,973 per year. **Table 15** shows the amounts allocated to road projects and to non-motorized projects with updated allocations in FY 2016.

Table 15: STP Funding for Road and Non-Motorized Projects

Fiscal Year	STP Funds	Bike & Ped
2016	3,589,073	398,786
2017	3,589,073	398,786
2018	3,401,758	377,973
2019	3,401,758	377,973
Total	13,981,662	1,553,518

The Five Year Production Schedule includes six non-motorized projects that use our STP funds. All of them involve constructing trails within Lafayette and West Lafayette. **Table 16** summarizes the non-motorized projects and it shows that we have allocated \$1,581,406 in STP funds for non-motorized projects over the four years. Based on our annual allocation from FY 2016 through FY 2019, our four years cumulative allocation equates to \$15,535,180. Ten percent that amount is \$1,553,518. Comparing the ten percent target amount to the amount allocated, we have exceeded our target by \$524,030. This equates to 13.4% of our four year allocation. This TIP exceeds the goal established in the 2040 Metropolitan Transportation Plan.

Table 16: Non-Motorized Projects in the Five Year Production Schedule

Project	Phase	Des #	TIP Allocation	Fiscal Year
STP Funds				
South/Scott St Ped Xing	CN & CE	1400566	17,839	2017
Bike/Ped Safety Education	ED	1601000	30,000	2017
Kingston Drive Trail	CN	1401286	649,709	2017
Sagamore Parkway Trail	CE & CN	1401287	1,300,000	2018
Star City Trail	RW	1401284	80,000	2019
Total			2,077,548	

It should also be noted that all of the reconstruction and/or widening projects that have been allocated STP federal funds will contain a sidewalk and/or trail component.

STP Group IV Funds (Rural Area)

STP Group IV funds are available to counties for eligible improvement to rural roads. LPAs seeking these funds compete against each other within the INDOT district. INDOT's approval is based on several factors: how close the project is to construction, the ability of the LPA to match federal funds, and how well the project is moving through right-of-way acquisition. There are no projects utilizing these funds.

Highway Safety Improvement Program Funds

Highway Safety Improvement Program (HSIP) funds are for safety-oriented projects. These funds typically pay for ninety percent of the project cost. There are certain project types where these funds will pay for the entire cost. Except for low cost countermeasure projects, all projects must document and correct a hazardous road location through a crash analysis or safety audit. Applications for funding are reviewed and approved by the TTC and then by an INDOT/FHWA safety committee. These funds can be used for preliminary engineering, right-of-way and construction.

Based on current information from INDOT, we have been directed to use our estimated FY 2015 HSIP funding allocation of \$422,576 for each year of this TIP. Detailed information can be found in **Appendix 3**. While the FHWA did increase our annual allocation in early May, the updated allocation was not used in developing the TIP. It should be noted that there is a possibility projects could shift and either start earlier or later when more accurate estimates are released. It should be noted that our FY 2016 and FY 2017 allocations have been updated to reflect INDOT's updated funding marks.

The chosen projects were derived from the FY 2015-2019 TIP. Those programmed in the financially constrained list were chosen first given a higher priority. All of the remaining projects came from the illustrative unfunded project list. Projects derived from the financially constrained list were given a higher priority. The decision as to which projects were funded next were based on the LPA engineers estimated construction dates, performance measures used to select TIP projects and how best to maximize our annual allocation. **Tables 17** through **23** show the Five Year Production Schedule for HSIP funds.

Table 17: HSIP Funding, Fiscal Year 2015

Project	Phase	Des #	Purchase Order \$	Annual Allocation	PYB Balance
HSIP Funds				422,609	1,657,581
Happy Hollow Intersection	CN	1382200	339,533	215,879	123,654
Happy Hollow Intersection	CE	1382200	39,061	39,061	
Happy Hollow Ped Xing	CN	0900002	53,937	53,937	
APC Safety Analysis	---	1401116	80,000	80,000	
W Laf. Ped Xing Close Out	CN	1006476	19,435	19,435	
Dayton Signage Close Out	CN	1006063	9,740	9,740	
Dayton Signage Close Out	CN	1006063	4,524	4,512	
Total			546,230	422,576	123,654
Balance				33	1,533,927

Note: 2015 PYB funds were made available for use per INDOT letter dated 2-26-2015 (Appendix 4).

Table 18: HSIP Funding, Fiscal Year 2016

Project	Phase	Des #	TIP Allocation	Annual Allocation	PYB Balance
HSIP Funds				391,015	1,533,927
South 18 th Street Ped Xing	CE & CN	1172009	121,533	121,533	---
South 18 th Street Lighting	CE & CN	1172009	135,000	135,000	---
Concord at 430S	PE	1401282	202,820	134,482	68,338
UPWP Crash Data Analysis	---	1401116	50,525	---	20,000
Sagamore Parkway Ph. 1	CN	1296080	105,061	---	105,061
Klondike Road	RW	1173626			30,525
Total Balance			614,939	391,015	223,924
				0	1,310,003

Table 19: HSIP Funding, Fiscal Year 2017

Project	Phase	Des #	TIP Allocation	Annual Allocation	PYB Balance
HSIP Funds				596,025	1,220,747
Happy Hollow	CE	0900002	109,415	---	109,415
Happy Hollow	CN	1382200	4,153	---	4,153
South/Scott Street Ped Xing	CN	1400566	237,150	237,150	---
Railroad Street Lighting	CE & CN	1005755	14,286	---	14,286
North Street	CN	1172413	40,000	---	40,000
Kingston Drive	CN	1401286	38,430	38,493	---
River Road & CR 500N	RW	1401279	320,382	320,382	
Total Balance			650,311	596,025	167,854
				0	1,052,893

Table 20: HSIP Funding, Fiscal Year 2018

Project	Phase	Des #	TIP Allocation	Annual Allocation	PYB Balance
HSIP Funds				457,663	1,052,893
Kingston Drive	CE & CN	1401286	90,000	90,000	---
Concord at CR 430S	RW	1401282	187,663	187,663	---
River Rd at CR 500N	RW	1401279	152,576	152,576	---
Total Balance			430,239	422,576	
				0	1,052,893

Table 21: HSIP Funding, Fiscal Year 2019

Project	Phase	Des #	TIP Allocation	Annual Allocation	PYB Balance
HSIP Funds				422,576	1,052,893
Cherry Lane Ext. Roundabout	CE & CN	1401289	838,637	422,576	416,061
Concord at CR 430S	CE & CN	1401282	609,408	---	609,408
INTIME Training	----	UPWP	---	---	---
APC Safety Analysis	----	UPWP	---	---	---
Total Balance			1,528,045	422,576	1,025,469
				0	27,424

Table 22: HSIP Fiscal Year 2020 (Illustrative)

Project	Phase	Des #	TIP Allocation	Annual Allocation	PYB Balance
HSIP Funds				422,576	27,424
River Road at CR 500N	CE & CN	1401279	845,152	422,576	---
Total Balance			845,152	422,576 0	0 27,424

Table 23: HSIP Fiscal Year 2021 (Illustrative)

Project	Phase	Des #	TIP Allocation	Annual Allocation	PYB Balance
HSIP Funds				422,576	27,424
River Road at CR 500N	CE & CN	1401279	845,152	422,576	---
Total Balance			450,000	422,576 0	0 27,424

The Five Year Production Schedule demonstrates that this TIP is fiscally constrained. Each table shows the total amount of federal funds that has been allocated to the projects and compares that total amount to the annual allocation. Each table shows a zero balance thus there are no year's that are over or under programmed and thus are fiscally constrained. This TIP is in compliance with INDOT's new policy.

The Technical Transportation Committee reviewed and approved the projects listed in the Production Schedule on February 18, 2015. The Administrative Committee reviewed and approved the Schedule on March 12, 2015.

Transportation Alternatives Funds

Providing federal funds to construct facilities for non-motorized traffic has been part of national funding since the passage of ISTEA in 1991. The ultimate goal is to help communities provide transportation choices.

MAP-21 provided funding for a variety of non-motorized projects through the Transportation Alternatives Program (TAP). Projects previously programmed in SAFETEA-LU under Transportation Enhancements, Recreational Trails, and Safe Routes to School are now combined into this program. Eligible activities include on-road and off-road trail facilities for pedestrians, bicyclists and other non-motorized forms of transportation including: sidewalks, bicycle infrastructure, pedestrian and bicycle signals, traffic calming techniques, lighting and other safety related infrastructure, and transportation projects to achieve compliance with the Americans with Disabilities Act.

Based on current information from INDOT, we have been directed to use our estimated FY 2015 TAP funding allocation of \$209,438 for each year of this TIP. Detailed information can be found in **Appendix 3**. While the FHWA did increase our annual allocation in early

May, the updated allocation was not used in developing the TIP. It should be noted that there is a possibility projects could shift and either start earlier or later when more accurate estimates are released. In March of 2016, our FY 2016 allocation was updated to reflect INDOT's updated funding marks. Our FY 2017 allocation was update in March of 2017.

The chosen projects are derived from the FY 2015-2019 TIP and came from the financially constrained list first and then from the illustrative projects shown in the unfunded list, The 2040 Metropolitan Transportation Plan or individual trail plans. Several projects, Cherry Lane Extension and Twyckenham Boulevard, include new trails that will be constructed in conjunction with the road improvement project.

Projects derived from the financially constrained list were given a higher priority. The decision as to which projects were funded next were based on the LPA engineers estimated construction dates, performance measures used to select TIP projects and how best to maximize our annual allocation. **Tables 24** through **30** show the Five Year Production Schedule for TAP funds.

Table 24: TAP Funding, Fiscal Year 2015

Project	Phase	Des #	Purchase Order \$	Annual Allocation	PYB Balance
TAP Funds				209,454	868,949
Cattail Trail	CE & CN	0902212	748,900	209,438	539,462
Total			209,438	209,438	0
Balance				16	329,487

Note: 2015 PYB funds were made available for use per INDOT letter dated 2-26-2015 (Appendix 4).

Table 25: TAP Funding, Fiscal Year 2016

Project	Phase	Des #	TIP Allocation	Annual Allocation	PYB Balance
TAP Funds				211,819	329,487
Flexed to STP				73,183	
Total				138,636	
South 18 th St Ped. Bridge	CE & CN	1297228	138,636	138,636	---
Total			138,636	138,636	0
Balance				0	329,487

Note: \$68,149 in TAP funds were flexed to STP on January 9, 2016. The funds will be used in the Sagamore Parkway Phase One project.

Table 26: TAP Funding, Fiscal Year 2017

Project	Phase	Des #	TIP Allocation	Annual Allocation	PYB Balance
TAP Funds				209,401	329,487
Sagamore Parkway Trail	PE	1401287	209,401	209,401	---
Total			209,401	209,401	0
Balance				0	329,487

Table 27: TAP Funding Fiscal Year 2018

Project	Phase	Des #	TIP Allocation	Annual Allocation	PYB Balance
TAP Funds				209,438	329,487
Happy Hollow Nbhd. Trail	CE & CN	1401288	538,925	209,438	---
Total Balance			538,925	209,438	0
				0	329,487

Table 28: Fiscal Year 2019

Project	Phase	Des #	TIP Allocation	Annual Allocation	PYB Balance
TAP Funds				209,438	329,487
Cherry Lane Extension Trail	CE & CN	1401290	209,438	209,438	---
Total Balance			209,438	209,438	0
				0	329,487

Table 29: Fiscal Year 2020 (Illustrative)

Project	Phase	Des #	TIP Allocation	Annual Allocation	PYB Balance
TAP Funds				209,438	329,487
Twyckenham Boulevard Trail	CE & CN	1401285	209,438	209,438	---
Total Balance			209,438	209,438	0
				0	329,487

Table 30: Fiscal Year 2021 (Illustrative)

Project	Phase	Des #	TIP Allocation	Annual Allocation	PYB Balance
TAP Funds				209,438	329,487
Concord at CR 430S Trail	CE & CN	1401282	209,438	209,438	---
Total Balance			209,438	209,438	0
				0	328,487

One project in **Table 6** will tap the State's TAP funds to construct an additional section of the Wabash Heritage Trail. The Indiana Department of Natural Resources will extend the trail within Prophetstown State Park.

Rail & Highway Crossing Funds

These special funds improve railroad crossing safety. Unlike other federal funds, local agencies cannot request these funds. Projects are chosen by INDOT based on Federal Railroad Administration index ratings and benefit to cost analysis. Those having the highest ratings and the best benefit to cost ratio are chosen.

These funds will be used to improve the Norfolk Southern railroad crossings at CR 750E in Buck Creek.

High Priority Program Funds

The High Priority Program (HPP) in SAFETEA-LU provided designated funding for specific projects. A total of 5,091 projects were identified, each with a specified amount of funding. The funds are available only for the identified project on an 80-20 federal-local share.

Two projects in this area were designated as HPPs. The funds are to be used for the engineering, right-of-way and construction of the Perimeter Parkway in West Lafayette and Purdue University. Project #2343 was awarded \$4,480,000, and project #4158 was awarded \$1,120,000. Even though the community was awarded \$5,600,000, due to spending authority limits, we are only allowed to spend a portion of it. For project #2343, the spending authority limit is \$4,031,551 and for project #4158 the spending authority limit is \$1,007,882. The combined amount is \$5,039,433. **Table 31** shows how the funds have been distributed. The balance of funds was repurposed on November 7, 2016 and moved to the Cherry Lane Extension project (PE & CN).

Table 31: Distribution of High Priority Program Funds

<i>Harrison Street, Phase 1 A, Pt. 1</i>		<i>Williams Street, Phase 1 A, Pt. 2</i>	
<i>Des # 0501163</i>		<i>Des # 1005930</i>	
<u>Phase</u>	<u>Federal</u>	<u>Phase</u>	<u>Federal</u>
PE	486,325	PE	575,655
CE	445,333	CE	0.00
CN	<u>3,532,120</u>	CN	<u>0.00</u>
	4,463,778		575,655

Total: \$5,039,433

Transit & Airport Funding

Funding projections for transit projects, both operating and capital, are based on current and previous year funding levels. A detailed analysis of the financial condition and capability of CityBus is found in Section 10, Analysis of Financial Capacity: CityBus.

The Federal Aviation Administration sets limits for its funding categories. Funding for airport projects, both capital and operating, will remain at current levels. The Purdue Airport is seeking funding to rehabilitate an apron in FY 2016.

Local Funding Sources

The projects listed in **Table 4** show that a variety of local funding sources will be used in FY 2016 through FY 2019. A summary of these sources is shown in **Table 32**. The City of Lafayette anticipates using three local funds for its projects: Cumulative Bridge Funds (L2), Economic Development Income Tax (EDIT) and Tax Increment Financing (TIF). The City of West Lafayette anticipates using Cumulative Capital Funds (CCF), Economic Development

Income Tax (EDIT), Motor Vehicle Highway Funds, and Tax Increment Financing (TIF). The county anticipates using Cumulative Bridge Funds (CBF), Economic Development Income Tax (EDIT) and Local Road and Street Funds (LR&S).

Table 32: Source of Local Funds for Funded Local Projects

Fund	FY 2016	FY 2017	FY 2018	FY 2019
Lafayette				
TIF (L13)	812,920	95,882	0	20,000
CBF & TIF (L2 & L13)	0	104,584	0	50,000
EDIT & TIF (L4 & L13)	0	686,936	0	0
CCF, EDIT & TIF (L3, L 4 & L13)	985,922	26,350	0	0
Not Specified or Other	10,265,824	13,100	75,096	0
<i>Total</i>	<i>12,064,666</i>	<i>926,852</i>	<i>75,096</i>	<i>70,000</i>
West Lafayette				
TIF (L13)	2,291,568	635,771	4,150,000	0
CCF & EDIT (L3 & L4)	0	0	52,360	2,225,000
TIF & MVHA (L13 & L16)	0	143,914	0	879,603
<i>Total</i>	<i>2,291,568</i>	<i>779,685</i>	<i>4,202,360</i>	<i>3,104,603</i>
Tippecanoe County				
CBF (L2)	2,324	29,221	840	0
EDIT (L4)	0	0	125,000	0
CBF & EDIT (L2 & L4)	1,000,000	1,200,000	1,200,000	0
EDIT & LR&S (L4 & L9)	220,256	549,553	1,721,114	350,269
Not Specified or Other	0	170,000	0	0
<i>Total</i>	<i>1,222,580</i>	<i>1,948,774</i>	<i>3,046,954</i>	<i>350,269</i>
Town of Battle Ground				
LR&S, MVHA & CLF (L9, 16 & 17)	33,564	111,445	0	0
<i>Total</i>	<i>33,564</i>	<i>111,445</i>	<i>0</i>	<i>0</i>
CityBus				
CCF (L3)	822,210	481,625	379,200	604,600
LPT & FPT (L10 & L18)	0	0	0	0
COIT, CCF & LPT (L1, 3 & L10)	6,490,022	10,194,722	6,335,348	6,493,731
Not Specified or Other	0	0	0	0
<i>Total</i>	<i>7,312,232</i>	<i>10,684,173</i>	<i>6,872,931</i>	<i>7,098,331</i>
Purdue University Area				
TIF (L13)	5,060,000	60,000,000	0	0
<i>Total</i>	<i>5,060,000</i>	<i>60,000,000</i>	<i>0</i>	<i>0</i>
Area Plan Commission				
Not Specified	5,000	0	0	8,888
<i>Total</i>	<i>5,000</i>	<i>0</i>	<i>0</i>	<i>8,888</i>

INDOT Funding

INDOT uses a variety of federal and state funds for its road and bridge programs. **Table 33** summarizes that information by source and year. INDOT is responsible for fiscally constraining its project list.

Table 33: INDOT Project Expenditures by Fund and Year

FY 2016			
Funding Type	Federal	State	Total
Bridge	596,800	149,200	746,000
Interstate	69,930	7,770	77,700
NHPP	245,841	41,023	286,864
NHS	1,241,821	310,455	1,552,276
Safety	290,000	0	290,000
STP	14,375,286	3,593,822	17,969,108
TAP	1,165,641	291,467	1,457,081
On Federal Aid	112,000	19,000	131,000
Total	18,097,292	4,412,737	22,510,029

FY 2017			
Funding Type	Federal	State	Total
Bridge	480,000	120,000	600,000
Interstate	5,479,650	608,850	6,088,500
NHPP	52,244,101	7,120,939	61,365,040
NHS	767,673	191,918	959,591
HSIP	15,000	0	15,000
STP	6,270,501	1,567,626	7,838,127
On Federal Aid	404,800	101,200	506,000
Total	67,661,725	9,710,533	77,372,258

FY 2018			
Funding Type	Federal	State	Total
Bridge	320,000	80,000	400,000
HSIP	1,189,000	0	1,189,000
NHPP	27,801,014	4,978,539	32,779,553
NHS	113,800	28,450	142,250
Section 130	20,000	0	20,000
STP	5,321,600	1,330,400	6,652,000
On Federal Aid	56,000	14,000	70,000
Total	34,821,414	6,431,389	41,252,803

FY 2019			
Funding Type	Federal	State	Total
Bridge	320,000	80,000	400,000
Interstate	3,443,220	382,580	3,825,800
NHPP	1,942,502	215,834	2,158,336
NHS	1,976,160	494,040	2,470,200
Section 130	320,000	0	320,000
STP	1,255,200	313,800	1,569,000
Total	9,257,082	1,486,254	10,743,336

City and County Operations & Maintenance Financial Analysis

According to the guidance issued by the Federal Highway Administration, the financial plan shall contain system-level estimates of costs and revenue sources that are reasonably expected to be available to adequately operate and maintain federal-aid highways. TIPs are required to examine previous years' operating and maintenance expenses and revenues, and then estimate whether there will be sufficient funds to maintain the federal-aid highway system for the next four years.

Both cities and the county have provided financial information from their Annual Operational Report for Local Roads and Streets. This report is required under Indiana Code 8-17-4.1. The information used in this analysis is from 2010 to 2013. Information for 2014 is not yet available from the local government agencies. Individual tables for each jurisdiction follow.

There are few clear trends among receipts, disbursements and differences for any jurisdiction. Receipts and disbursements fluctuate yearly. In some years increases or decreases were small, while in other years they were substantial. Overall, the difference has been positive with a few exceptions.

Comparing cash and investments at the beginning and end of the year presents a challenge because there are several years in which only cash was reported. Other than those years, the end balances for all jurisdictions show no overall increasing or decreasing trends. However, balances at the end of each year have always been positive.

Both cities and the county anticipate receiving adequate funding to continue operating and maintaining the federal-aid highways over the next four years. The three local governments prepare budgets every year which must be approved by the state. The information in the following exhibits is used to develop their budgets.

Table 34
City of Lafayette
Operating and Maintenance History, 2010 - 2013¹

	2010	2011	2012	2013
<i>Cash and Investments as of January 1</i>				
Balance	1,379,859.47	1,698,138.17	1,296,942.94	2,265,125.45
<i>Annual Information</i>				
<u>Receipts</u>				
MVH	4,693,970.76	3,572,269.63	4,311,510.91	4,393,488.99
LRS	561,060.70	543,468.41	582,366.34	551,982.17
LH	862,343.94	850,551.56	890,663.35	1,257,613.77
Other	0.00	0.00	0.00	0.00
Total	6,017,375.40	4,966,289.60	5,784,540.60	6,203,084.93
<u>Disbursements</u>				
MVH	3,700,797.93	3,695,862.77	3,847,224.25	4,033,431.75
LRS	601,299.97	530,043.36	771,060.59	485,653.01
Cum. Bridge	1,396,998.80	1,141,578.70	198,064.89	1,765,240.55
Other	0.00	0.00	0.00	0.00
Total	5,699,096.70	5,367,484.83	4,816,349.73	6,284,325.31
Total Receipts	6,017,375.40	4,966,289.60	5,784,540.60	6,203,084.93
Total Disbursements	5,699,096.70	5,367,484.83	4,816,349.73	6,284,325.31
Difference	318,278.70	-401,195.23	968,190.87	-81,240.38
<i>Cash and Investments as of December 31</i>				
Balance	1,698,138.17	1,296,942.94	2,265,133.81	2,183,885.07

¹ Cash and Investment information is based on audited financial statements from the City of Lafayette. Capital assets are excluded to reflect more appropriate comparisons with previous years.

Table 35
City of West Lafayette
Operating and Maintenance History, 2010 - 2013

	2010	2011	2012	2013
<i>Cash and Investments as of January 1</i>				
Balance	11,817,323.63	14,933,791.51	7,349,495.78	1,622,678
<i>Annual Information</i>				
<u>Receipts</u>				
MVH	1,144,968.30	2,939,019.33	4,705,118.55	1,316,654
LRS	261,874.63	342,976.91	838,306.29	224,218
Other Funds	22,976,578.5	30,886,019.33	24,513,229.61	4,767,447
Total	24,383,421.51	34,168,0015.5	30,056,654.45	6,308,320
<u>Disbursements</u>				
MVH	1,137,586.11	3,892,282.69	3,577,797.01	1,272,810
LRS	350,451.87	496,293.56	593,951.56	136,403
Other	24,936,086.7	35,970,958.32	20,525,398.46	4,781,810
Total	26,424,123.76	40,359,526.58	24,697,147.03	6,191,023
Total Receipts	24,383,421.5	34,168,015.57	30,056,654.45	6,308,320
Total Disbursements	26,424,124.7	40,359,526.58	24,697,147.03	6,191,023
Difference	-2,040,703.25	-6,191,498.32	5,359,507.42	117,297
<i>Cash and Investments as of December 31</i>				
Balance	9,776,620.38	8,742,293.19	12,709,003.20	1,839,975

Table 36
Tippecanoe County
Operating and Maintenance History, 2010 - 2013

	2010	2011	2012	2013
<i>Cash and Investments as of January 1</i>				
Balance	19,253,174.16	14,650,088.78	5,011,068.26	7,212,953.84
<i>Annual Information</i>				
<u>Receipts</u>				
MVHs	3,131,079.38	3,147,211.48	3,192,697.67	3,758,521.74
LRS	2,974,461.18	1,958,604.65	963,452.56	941,423.93
Cum. Bridge	9,091,330.68	4,544,539.64	2,591,620.28	3,718,874.41
Other	3,244,023.77	4,429,207.65	4,617,150.61	4,622,197.74
Total	18,440,895.01	14,079,563.42	11,364,921.12	13,041,017.82
<u>Disbursements</u>				
MVH	4,203,709.44	2,842,490.30	2,577,169.53	3,098,319.31
LRS	2,815,541.30	1,718,238.50	659,229.02	710,874.72
Cum. Bridge	9,294,992.17	13,180,122.61	2,204,660.71	2,141,650.98
Other	3,712,257.80	5,950,147.43	3,720,807.28	5,343,480.16
Total	20,026,500.71	23,690,998.84	9,161,866.54	11,293,325.17
Total Receipts	18,440,895.01	14,079,563.42	11,364,921.12	13,041,017.82
Total Disbursements	20,026,500.71	23,690,998.84	9,161,866.54	11,293,325.17
Difference	-1,585,605.70	-9,611,435.42	2,203,054.58	1,747,692.65
<i>Cash and Investments as of December 31</i>				
Balance	17,667,568.46	5,038,653.36	7,214,122.84	8,960,646.49

8. Project Selection and Priorities

The Technical Transportation Committee reviews requests for federal funds and recommends projects to be funded. Its review includes discussing issues pertaining to safety, infrastructure condition, congestion reduction, system reliability, freight movement and economic vitality and environmental sustainability. The limited amount of federal funds constrains the projects that can be programmed.

MAP-21 requires the planning process use a performance-based approach in the decision making process. States are required to set performance targets within one year of the USDOT's final ruling on performance measures. MPOs are then required to establish their own performance targets 180 days thereafter. INDOT has not yet set its performance targets.

The follow performance measures were used by the committee in selecting and prioritizing projects in this TIP:

- a) Is the project in the 2040 MTP?
- b) Is the project in the 2040 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) Does the project meet the performance measures outlined in the 2040 MTP?
- i) Need for access management.

Additionally, RFIs have been completed for all projects that have not begun preliminary engineering. The areas of possible environmental concerns were identified.

All federally funded local projects selected in this TIP that have been allocated STP, HSIP and TAP funds were derived from Five Year Production Schedule which in turn was based on the adopted FY 2015-2018 TIP. The process used in selecting and prioritizing the projects in the FY 2015-2018 TIP and the Five Year Production Schedule followed the methodology cited above.

The Technical Transportation Committee reviewed and approved the projects listed in the Five Year Production Schedule on February 18, 2015. The Administrative Committee reviewed the Five Year Production Schedule on March 12, 2015 and approved it as well.

STP, HSIP & TAP Project Selection/ Priority Review

There are no significant priority changes between this TIP and the previous one. All of the projects that received top priorities in the previous TIP advanced. Those projects shown in the later years in last year's also advanced and were assigned a higher priority in this

TIP. Finally, projects selected for the later years in this TIP were drawn from the illustrative or unfunded list in last year’s TIP.

INDOT Projects

The Technical Transportation Committee also identified and recommended various INDOT projects that are a priority to the community. The recommendation did not include any safety and maintenance projects. **Table 37** shows the recommended projects.

Table 37: Recommended INDOT Priority Projects

State Road	Des Number	Location	Description
SR 26	0012950	1.12 to 4.71 mi. east of I-65	Pavement Replacement
SR 43	0012940	SR 225 to SR 28	Road Replacement
US 52	0400774	EB bridge over Wabash River	Bridge Replacement
US 52	0800132	0.4 to 2.1 mi north of US 231	HMA Overlay
US 52		Old Romney Rd to Old US 231	Road Reconstruction
Teal Ext.		US 52 to SR 38	New Road
US 52		At Cumberland Avenue	Intersection Improvement
US 231		US 52 to SR 43	New Road Construction
US 231		CR 500S south to County Line	Road Widening
Trail	0810383	Prophetstown State Park	New Trail Construction

Complete Street Determination

The Complete Streets Policy was adopted as part of the **2040 MTP**. Its goal is to create an equitable, balanced and effective transportation system where every roadway user can travel safely and comfortably, and where sustainable transportation options are available to everyone.

When a TIP is being developed, the Policy requires the Technical Transportation Committee to review federally funded project descriptions and then make a recommendation to the Policy Committee whether projects are compliant or exempt. All local projects seeking federal funds in the FY 2015-2018 TIP were found to be compliant. All of the new projects reviewed by the Committee on February 18, 2015 were also determined to be compliant. The following projects were reviewed:

Lafayette: South 9th Street and South Street at Scott Street.

West Lafayette: Sagamore Parkway Trail and Cherry Lane Extension and Roundabout.

Tippecanoe County: Morehouse Road, Yeager Road, Concord and River Road.

9. Project Performance Review

MAP 21 requires TIPs to describe, to the maximum extent possible, the anticipated effects of projects toward achieving the performance targets identified in the Metropolitan Transportation Plan. This is done for several reasons. First, it insures that our federal transportation dollars are invested wisely. Second, the comparison shows whether the projects in this TIP meet and address the performance measures identified in the **2040 MTP**.

The vision and objectives spelled out in the **2040 MTP** address five areas that are important to the community. They include a mixture of goals from previous plans along with new emphasis areas. The five objectives include:

- a) Improve sustainability,
- b) Preserve the capacity and improve efficiency of existing facilities,
- c) Enhance mobility and accessibility,
- d) Improve the safety and security of all road users, and
- e) Reduce the effects of climate change

Improve Sustainability.

This performance measure targets the long term maintenance of our economy, environment, and social institutions. All of the local projects in this TIP that involve reconstruction and added capacity and those addressing cycling and walking needs are derived from the **2040 MTP**. The projects are also derived from the **Comprehensive Land Use Plan** and its focus on orderly and compact growth which strengthens our economy, environment and social institutions.

Preserve the capacity and improve efficiency of existing facilities.

This performance measure aims to reduce the number of vehicle miles traveled, maintaining peak period travel time, and access management. The projects in this TIP reduce travel time by strengthening and improving network circulation. The projects are part of the circular and radial connectivity envisioned by the **2040 MTP**. With improved network connectivity, persons and goods flow more efficiently in and through the community.

Enhance mobility and accessibility.

This performance measure addresses nontraditional travel modes; specifically walking, cycling, and transit. All of the local projects within this TIP, except those addressing maintenance issues, include components for all three. All of the reconstruction and widening projects contain a sidewalk on one side with a multiuse trail on the other side. These two components enhance transit by offering a safe path to bus stops.

Improve the safety and security of all road users.

The goal of this performance measure includes reducing crashes, and ensuring projects use the latest design standards to minimize conflicts between all transportation modes.

Projects using safety funds are derived from analysis or are programmatic projects with known safety benefits. Reconstruction, added capacity, and new construction projects are designed to meet current design standards for all transportation modes as well as ADA standards.

Reduce the effects of climate change.

The projects in this TIP reduce the effects of climate change by offering more opportunities for those who normally use motor vehicles to switch to other travel modes. The projects not only include facilities specifically for pedestrians and cyclists, but also improve connectivity to existing facilities, thus making it easier for citizens to switch travel modes.

INDOT Projects

The INDOT list of projects mostly addresses maintenance and safety issues. They not only support the sustainability goal, they also preserve capacity and improve the efficiency of our existing facilities.

10. Analysis of Financial Capacity: CityBus

The MPO has, in accordance with the requirements of FTA Circular 7008.1, made an assessment of the Greater Lafayette Public Transportation Corporation's (CityBus) financial condition and capability. Historic trends are shown in **Tables 39** and **40**. Projected revenue (**Table 31**) will meet future operating and capital needs from fares, passes, local taxes, and state Public Mass Trans Funds (PMTF) in conjunction with federal assistance.

Financial Condition Review

There are primarily four funding sources used by the transit system. CityBus receives revenue from the National Transit Trust Fund, apportioned by Congress each year. Funds from the state's PMTF are used to meet both operating and capital needs. Local funds are generated from operating revenue (fares, passes, advertising and tokens) and local taxes (property tax, county option income tax, and excise tax).

The annual federal apportionment and the percent change are shown in **Table 38**. CityBus has experienced both increases and decreases in federal funding. While funding decreased in 2011, that trend reversed, then increased and now stabilized. The 2014 apportionment before the funding trade was \$3,092,663, which is slightly more than the 2013 apportionment. The 2015 apportionment is anticipated to remain at the same level or slightly increase due to MAP 21's funding formulas.

Additionally, CityBus has received special federal funds. FTA's Small Transit Intensive Cities (STIC) program awards funds to transit systems based on six industry performance measures. They are: passenger miles per vehicle revenue mile, passenger miles per vehicle revenue hour, vehicle revenue mile per capita, vehicle revenue hour per capita, passenger miles per capita, and passenger trips per capita. CityBus has met and exceeded the performance criteria for the past six years. In 2014, CityBus met four of the criteria and received \$768,065.

Table 38: Federal Funds Available to CityBus

CY Year	Total Apportionment	Percent Change	STIC funds
2010	\$2,463,559		\$457,909
2011	\$2,209,597	-10.3%	\$388,819
2012	\$2,220,962	0.5%	\$394,545
2013	\$3,017,255	35.9%	\$721,842
2014	\$2,216,663*	----	\$768,065
2015	\$2,048,221**		

*Note, Federal funding was reduced by INDOT in trade for Section 5339 funds.

**Note, Only represents 8/12th of the annual allocation.

Table 39: CityBus Financial Condition
(Information is shown by Calendar Year)

	2010	2011	2012	2013	2014
Operating Expenses by Revenue Source					
Operating ¹	2,872,448	2,918,707	3,230,361	3,350,337	3,277,472
% Change	11.4%	1.6%	10.7%	3.7%	-2.2%
Local ²	1,479,364	1,941,503	2,872,321	2,757,197	2,721,137
% Change	-29.8%	32.2%	47.9%	-4.0%	-1.3%
State (PMTF)	3,587,130	3,595,914	3,952,341	3,880,997	4,015,882
% Change	1.7%	0.2%	9.9%	-1.8	3.5%
Federal	2,463,559	2,209,597	2,220,962	3,017,255	2,216,663 ⁴
% Change		-10.3%	0.5%	35.9%	-26.5%
Section 5309	930,000	0	0	0	0
Section 5316	901,293	685,008	531,840	358,750	0
Section 5317	1,204,230	88,456	35,450	892,918	0
Section 5339					1,657,420
ARRA	2,413,099				
TIGGER	2,180,000				
Total Operating Expenses	18,031,123	11,439,185	12,843,275	14,257,454	13,888,574
% Change		-36.6%	12.3%	11.0%	-2.6%
Capital Expenses by Revenue Source					
Local ³	1,050,986	914,454	92,735	923,563	594,597
Federal	8,797,042	5,431,369	797,592	3,694,252	2,378,386
Total Capital Expenses	\$9,848,028	6,345,823	890,327	967,500	

Source: Indiana Public Transportation Annual Report: 2010, 2011, 2012 & 2013
Greater Lafayette Public Transportation Corporation: 2014
All Figures are Unaudited

¹ Funding sources derived from Fares, Passes, Advertising and Tokens

² Funding sources derived from Property Tax, County Option Income Tax, and Excise Tax

³ Capital projects reflect both Section 5307 Capital and capital grants solely funded from local funds

⁴ Federal funding was reduced by INDOT in trade with Section 5339 funds

Funding from the State's PMTF has increased every year except 2013 (**Table 39**). The formula INDOT uses to distribute funds is based solely on performance measures. Since CityBus is successful at marketing itself and ridership continues at a high level, the amount of PMTF funds received continues to be substantial.

Funds received through fares, passes, tokens, and advertising (listed under operating revenues in **Table 39**) have increased over the past five years. There was a slight decrease in 2014.

Revenues generated from local taxes (listed under local revenue) have fluctuated. These funds come from three different sources: property tax, county option income tax, and excise tax. Of the three, the excise tax has been the most reliable source and steadily increased. Property tax revenue fluctuates every year. While the trend during the first three years was increasing, the past two years it has decreased. This could be a result of the property tax caps that started several years ago.

Financial Capability Review

CityBus anticipates it will receive adequate funding to continue operating the system through the next four years (**Table 40**). Operating costs are anticipated to slightly increase every year. Projected revenues are anticipated to increase or remain constant and should be more than sufficient to meet projected expenses. Comparing projected operating and capital costs to total projected revenue, **Table 40** clearly shows there will be adequate funds available. These projections include all local, state PMTF, and federal assistance.

With passage of MAP 21, CityBus foresees that federal Section 5307 funds will remain constant.

State PMTF funds are anticipated to remain constant. The funding formula rewards transit systems that operate efficiently. Past annual reports clearly show that CityBus leads the state in system performance. If CityBus continues to operate as efficiently as it has, then state funds should at least remain stable if not continue to increase. However, given the state budget issues the funding levels may change and CityBus would have to make concomitant changes.

Local funding sources are also anticipated to increase over the next five years. At this time, funds generated from fares, passes, advertising and tokens are expected to steadily increase (4.0% annually). Likewise, funds generated from taxes should increase (2.0% annually).

Table 40: CityBus Financial Capability
(Information is shown by Calendar Year)

	2015	2016	2017	2018	2019
Projected Revenues					
Operating ¹	3,500,152	3,640,158	3,785,764	3,937,195	4,094,683
% Change		4.0%	4.0%	4.0%	4.0%
Local ²	3,060,000	3,121,200	3,183,624	3,247,297	3,321,242
% Change		2.0%	2.0%	2.0%	2.0%
State (PMTF)	4,182,000	4,182,000	4,182,000	4,182,000	4,182,000
% Change		0.0%	0.0%	0.0%	0.0%
Federal					
Sec 5307	3,300,000	3,300,000	3,300,000	3,300,000	3,300,000
%Change		0.0%	0.0%	0.0%	0.0%
Ad. 5307		114,080			
Sec 5339	0	857,392	0	0	0
Sec 5310		440,700			
Transfer	1,000,000				1,000,000
STP	24,000				
Carry Over	802,000	237,692	100,000		
Total	15,868,152	15,893,222	14,551,388	14,666,492	15,888,925
Projected Operating Costs					
	11,557,611	11,712,762	11,855,538	12,446,283	12,757,440
Projected Planning Costs					
			10,000		
Projected Capital Costs					
	4,286,500	3,604,148	2,447,255	1,896,000	3,023,000
Projected Operating and Capital Costs					
Total	15,844,111	15,316,910	14,312,793	14,342,283	15,780,440

Source: Greater Lafayette Public Transportation Corporation

¹ Funding sources derived from Fares, Passes, Advertising and Tokens

² Funding sources derived from Property Tax, County Option Tax, and Excise Tax

³ Federal funding was reduced by INDOT in trade with Section 5339 funds

Section 5307 Capital Expenditure, Justification & Summary, CY 2016

1. Replacement Tires, \$65,000

Des #1382374

With over 1.5 million miles of service operated on an annual basis and mileage scheduled to increase due to service needs in the community and the Purdue University service area, this request constitutes replacement of tires on approximately 50% of the full size coaches. Six tires are required for each bus. The expected life of the tires is over one (1) year considering the average mileage occurring on each bus annually. Budgeted amount for tires for each unit is \$1,860.

2. Rebuild Up To Five Bus Engines, \$61,000

Des #1382375

Due to age, CityBus anticipates the need for up to five (5) engine rebuilds in 2014 at an average cost of \$12,500 each.

3. Rebuild Up To Four Bus Transmissions, \$125,000

Des #1382376

Based on 2013 and similar experience in previous years, CityBus anticipates the need for up to four (4) transmission rebuilds. Estimated average cost of each one is \$6,250.

4. Rebuild Major Bus Components, \$28,000

Des #1382377

Based on 2013 and similar experience in previous years, CityBus anticipates the need for up to twenty-eight (28) units to be rebuilt in FY 2014 such as turbochargers, alternators, ECM's, fuel pumps, etc. Estimated average cost of each unit rebuild is \$1,250 per unit for a total cost of \$35,000.

5. Computer Hardware and Software, \$209,548

Des #1382378

GLPTC has invested heavily in information technology systems to manage the operation of public transportation service and to provide real-time passenger information to riders. Our operation and riders depend on these services to be reliable. Many of these systems reside on older file servers which need to be replaced, and additional servers and software are needed to improve CityBus's ability to quickly backup and restore these critical services in the case of failure. Further, network security is a concern for CityBus; upgrades will enhance the security of the network. CityBus is programming additional funds for necessary upgrades and replacements of technology systems in CY2016. Many of the systems to be replaced are seven years old or older. Systems to be upgraded include file servers and network backups for the administration network and CAD/AVL systems, and hardware on board buses which interfaces with this system.

6. Support Vehicle, \$50,000

Des #1382379

Replace the 2001 Dodge truck. This vehicle will exceed the useful life requirements of FTA Circular 5010.D (and 9030.1E) in terms of age for replacement. The proposed budget for this line item is \$35,000.

7. Purchase of Three (5) Fixed Route Buses, \$2,820,000

Des #1382380

GLPTC is increasing the quantity of full-sized buses to be replaced in 2016 from three to up to six. Buses will be replaced per FTA guidelines as outlined in FTA Circular 9030.1D. The buses being replaced will be over 12 years in age. The buses already listed for replacement are 1999 Gillig Bus #1103, and 2002 Gillig Buses #1201 and #1202. The three additional buses to be replaced are 2002 Gillig Buses #1203, #1204, and #1205.

8. Property Use Planning Study, \$0

Des #1500387

This project was amended into the 2016 program of projects last year when GLPTC was considering the acquisition of property adjacent to its administration and maintenance facilities on Canal Rd. The property has been sold and is no longer available, so this project is being removed from the program of projects.

9. Shop Equipment, \$74,500

Des #1592671

GLPTC needs new equipment to maintain its facilities in CY2016. Equipment to be purchased includes two floor scrubbers, one for the shop and the other for the barn, a power broom and snow pusher for use in snow removal, and a trailer to haul a skid steer used in snow removal.

10. Maintenance and Administration Facility A&E, \$45,000 Des #1600582

GLPTC facilities at 1250 Canal Rd., in Lafayette were originally constructed in 1974. Since, several major improvements have been made including the addition of bus storage facilities, a new maintenance facility, construction of a CNG fueling station, and the wind energy project, etc. CityBus needs to develop projections for the basic space needs of employees (particularly staff in the growing ADA Paratransit service), vehicle storage, and maintenance for the next ten years based upon current and projected operations information. An architecture/engineering firm will be hired to develop this needs analysis, plan improvements to make facility fully ADA accessible, develop a phased plan for improvements with cost estimations for each phase of construction, and identify any environmental issues related to construction.

11. Bus Stop Improvements, \$126,000 Des # -----

CityBus plans to replace or install bus shelters and seating to improve the experience of using public transportation for riders using bus stops. Locations have been selected for improvement based upon rider demand and, in some cases, the willingness of property owners to partner with CityBus in the cost of building these improvements. The selected locations include Nobb Hill on Happy Hollow, Tippecanoe Mall, St. James School, Blackbird Farms Apartments, Frozen Custard on Main Street, St. Elizabeth East Hospital, Franklin Park Apartments, and Pay Less on Salisbury Street. No federal funds will be used for this project. A portion of the funding for this project will be coming from several property owners who will supply concrete pads or contribute funds to a portion of the project

Table 41: CY 2016 Section 5307 Capital Grant Summary

	<u>Federal Share</u>	<u>Local Share</u>	<u>Total Cost</u>
Replacement Tires	52,000	13,500	65,000
Engine Rebuilds	48,800	12,200	61,000
Transmission Rebuilds	100,000	25,000	125,000
Bus Rebuild Components	22,400	5,600	28,000
Computer Hardware/Software Upgrade	167,638	41,910	209,548
Support Vehicles	40,000	10,000	50,000
Purchase of Five Fixed Route Buses	2,256,000	564,000	2,820,000
Property Use Planning Study	0	0	0
Shop Equipment	59,600	14,900	74,500
Maintenance & Administrative Facility	36,000	9,000	45,000
Bus Stop Improvements	0	126,100	126,100
TOTAL	2,782,438	822,210	3,604,148

Section 5307 Capital Expenditure, Justification & Summary for CY 2017

1. Replacement Tires, \$70,000 Des #1382381

With over 1.5 million miles of service operated on an annual basis and mileage increasing due to the service agreement with Purdue University, this request constitutes replacement of tires on approximately 50% of the full size coaches. Six tires are required for each bus. The expected life of the tires is over one (1) year considering the average mileage run on each tire. Budgeted amount for tires for each unit is \$2,060.

2. Rebuild up to Four (4) Bus Engines, \$61,000 Des #1382382

Based on 2013 and similar experience in previous years, CityBus anticipates the need to rebuild up to five (5) engines at an average cost of \$15,250 each.

3. Rebuild up to Three (3) Bus Transmissions, \$74,000 Des #1382383

For project description, please see TIP amendment staff report on pages 252-254.

4. Bus Rebuild Components, \$28,000 Des #1382384

Replacement components: turbo charge units, charge air coolers, alternators, ECM's, outboard

planetary differentials, fuel pumps, and brake units. Based on the previous years' experience, up to two (2) units of each item may be needed at the average cost of \$2,000 each.

5. Computer Hardware and Software, \$50,000 *Des #1382385*
For project description, please see TIP amendment staff report on pages 252-254.

6. Bus Replacement, \$1,900,000 *Des #1382386*
For project description, please see TIP amendment staff report on pages 252-254.

7. Security Cameras for Vehicles, \$60,000 *Des #1500388*
For project description, please see TIP amendment staff report on pages 252-254.

8. Office Equipment, \$8,000 *Des #1700066*
For project description, please see TIP amendment staff report on pages 252-254.

9. Shop Lighting Upgrades, \$61,000 *Des #1700067*
For project description, please see TIP amendment staff report on pages 252-254.

10. Paratransit Bus, \$78,832 *Des #1700068*
For project description, please see TIP amendment staff report on pages 252-254.

11. Travel Training Program, \$56,423 *Des #1700069*
For project description, please see TIP amendment staff report on pages 252-254.

Table 42: CY 2017 Section 5307 Capital Grant Summary

	<u>Federal Share</u>	<u>Local Share</u>	<u>Total Cost</u>
Replacement Tires	56,000	14,000	70,000
Engine Rebuilds	48,800	12,200	61,000
Transmission Rebuilds	59,200	14,800	74,000
Bus Rebuild Components	22,400	5,600	28,000
Computer Hardware/Software Upgrade	40,000	10,000	50,000
Bus Replacement	1,520,000	380,000	1,900,000
Security Cameras for Vehicles	48,000	12,000	60,000
Office Equipment	6,400	1,600	8,000
Shop Lighting Upgrades	48,800	12,200	61,000
Paratransit Bus	63,066	15,766	78,832
Travel Training Program	45,138	11,285	56,423
TOTAL	1,957,804	489,451	2,447,255

Section 5307 Capital Expenditure, Justification & Summary for CY 2018

1. Replacement Tires, \$70,000 *Des #1400660*
With over 1.5 million miles of service operated on an annual basis and mileage increasing due to the service agreement with Purdue University, this request constitutes replacement of tires on approximately 50% of the full size coaches. Six tires are required for each bus. The expected life of the tires is over one (1) year considering the average mileage run on each tire. Budgeted amount for tires for each unit is \$2,060.

2. Rebuild up to Four (4) Bus Engines, \$61,000 *Des #1400661*
Based on 2013 and similar experience in previous years, CityBus anticipates the need to rebuild up to five (5) engines at an average cost of \$15,250 each.

3. Rebuild up to Three (3) Bus Transmissions, \$24,000 *Des #1400662*

Based on 2012 and similar experience in previous years, CityBus anticipates the need to rebuild up to three (3) transmissions. Estimated average cost of each transmission rebuild is \$8,000.

4. Bus Rebuild Components, \$28,000 *Des #1400663*

Replacement components: turbo charge units, charge air coolers, alternators, ECM's, outboard planetary differentials, fuel pumps, and brake units. Based on the previous years' experience, up to two (2) units of each item may be needed at the average cost of \$2,000 each.

5. Computer Hardware and Software, \$30,000 *Des #1400664*

A continuous investment must be made in up-to-date computer technology for administrative and maintenance employees. Many computer systems need to be replaced or updated every two to three years in order for employees and systems to operate efficiently and effectively

6. Support Vehicle, \$30,000 *Des #1400665*

Replace the 2008 Ford F-250 Truck. The support vehicle to be replaced was purchased in 2007. This vehicle will meet the requirements of FTA Circular 9030.1E in terms of age for replacement.

7. Bus Replacement, \$1,623,000 *Des #1400666*

Due to the age and condition of several buses in the fleet, CityBus desires to purchase up to three (3) replacement full-sized buses. CityBus will replace the vehicles per FTA guidelines outlined in FTA Circular 9030.1D. The buses being replaced will be over 12 years in age and are becoming increasingly too expensive to maintain. CityBus will replace Buses #1301, #1302 and #1303 (2003 Gillig).

8 .Security Cameras for Vehicles, \$30,000 *Des #1500389*

FTA requires 1% of Section 5307 funds to be used for security-related transit enhancements. CityBus will acquire security cameras system for new revenue vehicles.

Table 43: CY 2018 Section 5307 Capital Grant Summary

	<u>Federal Share</u>	<u>Local Share</u>	<u>Total Cost</u>
Replacement Tires	56,000	14,000	70,000
Engine Rebuilds	48,800	12,200	61,000
Transmission Rebuilds	19,200	4,800	24,000
Bus Rebuild Components	22,400	5,600	28,000
Computer Hardware & Software	24,000	6,000	30,000
Support Vehicle	24,000	6,000	30,000
Bus Replacement	1,298,400	324,600	1,623,000
Security Cameras for Vehicles	24,000	6,000	30,000
TOTAL	1,516,800	379,200	1,896,000

Section 5307 Capital Expenditure, Justification & Summary for CY 2019

1. Replacement Tires, \$70,000 *Des #1500390*

With over 1.5 million miles of service operated on an annual basis and mileage increasing due to the service agreement with Purdue University, this request constitutes replacement of tires on approximately 50% of the full size coaches. Six tires are required for each bus. The expected life of the tires is over one (1) year considering the average mileage run on each tire. Budgeted amount for tires for each unit is \$2,333

2. Rebuild up to Five (5) Bus Engines, \$61,000 *Des #1500391*
 Due to age, CityBus anticipates the need to rebuild up to five (5) engines in 2019 at an average cost of \$12,200 each.

3. Rebuild up to Four (4) Bus Transmissions, \$24,000 *Des #1500392*
 CityBus anticipates the need to rebuild up to three (4) transmission rebuilds. Estimated average cost of each transmission rebuild is \$6,000.

4. Bus Rebuild Components, \$28,000 *Des #1500393*
 Based upon previous experience, CityBus anticipates the need to purchase major bus components including turbochargers, alternators, ECM's, fuel pumps, etc. Estimated average cost of each unit rebuild is \$1,000 and twenty-eight (28) units are anticipated.

5. Computer Hardware and Software, \$30,000 *Des #1500394*
 A continuous investment must be made to keep information technology systems up-to-date, including system components for the dispatch center, automated vehicle location systems, and computers for administrative and maintenance functions. Many computer systems need to be updated or replaced every two to three years in order for systems to operate effectively.

6. Support Vehicle, \$30,000 *Des #1500395*
 Replace the 2009 Ford Econoline Van. The support vehicle to be replaced was purchased in 2007. This vehicle will meet the requirements of FTA Circular 9030.1E in terms of age for replacement.

7. Bus Replacement, \$2,165,125 *Des #1500396*
 Due to the age and condition of several buses in the fleet, CityBus desires to purchase up to four (5) replacement full-sized buses. CityBus will replace the vehicles per FTA guidelines outlined in FTA Circular 9030.1D. The buses being replaced will be over 12 years in age and are becoming increasingly too expensive to maintain. CityBus will replace 2002 buses #1401, 1402, 1403, 1404 and 1501.

8. Security Cameras for Vehicles, \$30,000 *Des #1500399*
 FTA requires 1% of Section 5307 funds to be used for security-related transit enhancements. CityBus will acquire security cameras system for new revenue vehicles.

Table 44: CY 2019 Section 5307 Capital Grant Summary

	<u>Federal Share</u>	<u>Local Share</u>	<u>Total Cost</u>
Replacement Tires	56,000	14,000	70,000
Engine Rebuilds	48,800	12,200	61,000
Transmission Rebuilds	19,200	4,800	24,000
Bus Rebuild Components	22,400	5,600	28,000
Computer Hardware/Software	24,000	6,000	30,000
Support Vehicle	24,000	6,000	30,000
Bus Replacement	2,200,000	550,000	2,750,000
Security Cameras for Vehicles	24,000	6,000	30,000
TOTAL	2,418,400	604,600	3,023,000

11. Area Changes from FY 2015 - 2018 TIP

Since adoption of the 2015-2018 TIP, both cities, the county and INDOT have built several projects throughout Tippecanoe County. Projects range from small intersection improvements to constructing new roads like the Hoosier Heartland.

The MPO provides a detailed project status report in a separate document called the Annual Listing of Projects. It is a comprehensive guide to projects that have started construction. An individual summary is provided for each project that includes: letting date, target completion date, funding sources, development timeline, aerial photos and location pictures. Additional information on preliminary engineering and right-of-way is also provided for local projects. The document is available on the Area Plan Commission's web site.

The following section summarizes the status of projects shown in the FY 2015-2018 TIP.

City of Lafayette

Myers & Riehle Plaza Bridges

The project was let for construction on July 9, 2014 to Rieth Riley Construction for \$3,084,540.21. The scheduled completion date is November 1, 2015.

In conjunction with the bridge work, ADA ramps will be construction on either side of the railroad tracks. The construction bids were open on March 17, 2015. The one bid received was significantly higher than the engineers estimate and therefore was rejected.

Old Romney Road

On February 3, 2015, the Board of Public works awarded a contract to BF&S for inspection services. The project was awarded to Milestone Construction for \$3,796,909.00 and work will begin in the spring.

Sagamore Parkway, McCarty to Teal

A significant portion of the project engineering has been completed. Obtaining the additional property has been slowed due to litigation, but the project is now scheduled to be let for construction in the fall of 2015.

Sagamore Parkway, Beech to the NS Railroad Crossing

This is the second phase of the reconstruction of Sagamore Parkway. All of the additional land needed for the improvements were acquired. On September 23, 2014, the three bids submitted to construct the project were opened. The project was awarded to Rieth Riley for \$10,850,000 on September 30, 2014 and the notice to proceed was issued on October 7, 2014.

On January 6, 2015 the Board of Works approved an agreement with the Norfolk Southern Railroad to reconstruct the rail crossing. The amount was for \$946,080.00

South Street, at Scott and Park Streets

This project involves improvements to this expansive intersection for both pedestrians and cyclists. Scott Street will be closed with cul-de-sac. Engineering is progressing well and the majority of it has been completed. The required environmental review will take a bit more time. The State's Historic Preservation Officer added an additional 150 historical structures to be included in the review.

South 18th Street

All of the additional property required for the project has been purchased. Utilities are currently being relocated and the project is scheduled to be on the August 5, 2015 bid letting. The construction date has been moved to a later date due to INDOT's new policy regarding how federal funds can be spent.

Twyckenham, Beckenham and Armstrong Trails

The project engineering is nearly complete and property acquisition has been slightly delayed due to litigation. The construction letting date was also moved to a later date due to INDOT's new policy about how federal funds can be spent.

Citywide Master Trail Plan

This phase of the project involves developing a bicycle and pedestrian plan. The project started in the summer of 2014 and public meetings were held on September 30 and October 2, 2014. The advisory committee's first meeting was on October 21, 2014. The second advisory committee's meeting was held on November 18, 2014 and Level of Service maps were presented along with a list of existing programs and policies. It is anticipated the plan will be completed before July 1, 2015.

Star City Trail

Project engineering has not yet started.

Twyckenham Boulevard

Project engineering has not yet started.

Sagamore Parkway, NS Railroad Crossing to McCarty Lane

Project engineering has not yet started.

Rome Drive

The Board of Public Works approved a contract for engineering services and for construction inspection with TBird Design on December 16, 2014. The total amount was \$196,000.

City of West Lafayette

Cattail Trail Extension

The project was let for construction on July 9, 2014 to Milestone Contractors for \$977,665.00. Work started shortly thereafter and the scheduled completion date is October 31, 2015.

Cumberland Avenue, Phase 3, Salisbury to Soldiers Home Road

A preconstruction meeting was held on June 30, 2014 with work beginning after July 4. Work focused first on the utilities, the median and inside travel lanes. The contractor completed that work and on December 2, 2014, the outside lanes were closed and the newly completed inside lanes were open.

Happy Hollow (formally SR 443)

The project was let for construction on July 9, 2014. The project was awarded to Rieth Riley Construction for \$5,937,070.00. Originally this scheduled completion date was October 29, 2016. However due to INDOT funding issues, the actual date when construction started was delayed. The preconstruction meeting is scheduled for February 20, 2014 and construction should start on April 1, 2015. The revised contract completion date is October 31, 2016.

Happy Hollow Neighborhood Trail

Project engineering has not yet started.

Kingston Trail

Project engineering has not yet started.

Sagamore Parkway Trail

Project engineering has not yet started.

Soldiers Home Road, Phase 1

Project engineering has not yet started.

Tippecanoe County

County Bridge Inspection

The bridge inspection program is progressing and on schedule.

Klondike Road and Lindberg Road

The projects engineering continues with a good portion completed. The environmental review and documentation has been completed. Design has begun in regard to the two railroad crossing. The construction date has been moved to a later date due to INDOT's new policy on how federal funds can be spent.

River Road at River Bend Hospital

The County Commissioners approved a contract for engineering services on September 15, 2014 with Beam, Longest and Neff in the amount of \$123,000. The contract is for design services which include survey, environmental and the purchase of right-of-way if necessary.

Fowler/Wiggins Bridge

On September 2, 2014, the County Commissioners approved a road transfer agreement with INDOT. The bridge was accepted as is and the County will complete the necessary design work and construction. The County hired H. Stewart Kline for the engineering work on December 1, 2014 in the amount of \$43,457. INDOT is funding this project. It gave the County \$400,000 for the engineering services and construction costs.

Town of Battle Ground

North Street

The project scope has been revised and the engineering firm is developing the design plans.

Railroad Street Lighting

This project is being done in conjunction with the North Street project.

Purdue Perimeter Parkway

Williams Street

Preliminary engineering design plans continue to be developed.

Grant, Chauncey, Vine & Northwestern

Work has been placed on hold in anticipation of the completion of other studies.

INDOT Projects

The Indiana Department of Transportation sponsored various road improvement projects in Tippecanoe County. They range from installing pavement markings to constructing major new roads. The following summarizes the status of projects for only those phases shown for FY 2015.

SR 25 Projects

From 0.18 miles north of SR 55 to 0.06 miles south of the south junction of SR 28,

(des #1383181)

HMA Overlay

INDOT opened the construction bids on May 8, 2014.

SR 26 Projects

South Fork of Wildcat Creek, (des #9608220)

Bridge Replacement

INDOT anticipates a construction bid opening on November 10, 2015.

Over Little Pine Creek, (des #1296008)

Bridge Deck Overlay

INDOT anticipates a construction bid opening on April 1, 2015. Note, this project was programmed in the FY 2015-2018 TIP with a 2016 construction date.

SR 28 Projects

East branch of the Wea Creek, (Des #1382305)

Bridge Maintenance and Repair

INDOT anticipates a construction bid opening on March 4, 2015.

SR 38 Projects

Sagamore Parkway to I-65, (Des #0710377)

PCCP Patching

INDOT opened the construction bids on November 11, 2014.

Over Wilson Ditch, (Des #1173899)

Bridge Deck Overlay

INDOT opened the construction bids on October 8, 2014.

North bound bridge over Norfolk Southern Railroad, (Des #1382306)

Bridge Maintenance and Repair

INDOT anticipates a construction bid opening on March 4, 2015.

South bound bridge over Norfolk Southern Railroad, (Des #1382307)

Bridge Maintenance and Repair

INDOT anticipates a contract bid opening on March 4, 2015.

US 52 Projects

From 0.21 to 3.21 miles north of US 231, (des #0800132)

HMA Overlay (right-of-way schedule in 2015)

Work related to the right-of-way phase has not started. A construction bid opening is still anticipated for an FY 2016 date.

Cumberland to Wabash River, (des #1000027)

HMA Functional Overlay

INDOT opened the construction bids on May 8, 2014.

2.69 miles east of SR 35 to 4.55 miles west of SR 28, (des #1400682)

Patch and Rehabilitation

INDOT opened the construction bids on August 20, 2014.

US 231 Projects

At Veterans Memorial Parkway, (des #1401056) **Not in FY 15-18 TIP**

PCCP Patching.

INDOT opened the construction bids on September 10, 2014.

I-65 Projects

3.44 mile south of SR 38 to 0.50 miles south of SR 38, (des #1005501)

HMA Overlay

INDOT opened the construction bids on August 6, 2014

0.70 miles north of SR 25 to 2.44 miles north of SR 43, (des #1005502)

HMA Overlay

INDOT opened the construction bids on August 6, 2014

CR 600N North and South bound bridges, (des #1296949)

Bridge Deck Replacement (PE scheduled for 2015)

Preliminary engineering has started and is under way.

0.20 miles south of SR 26, (des #1298449)

Small Structure Pipe Lining (PE scheduled for 2015)

This project has been added to the Interstate widening project, Des # 1383339.

0.50 miles South of SR 38 to 0.70 miles North of SR 26, (des #1383339)

Interstate Widening (4.88 miles)

INDOT opened the construction bids on December 17, 2014

0.70 miles North of SR 26 to 0.87 miles North of SR 25, (des #1383340)

Interstate Widening (3.2 miles)

INDOT opened the construction bids on December 17, 2014

Other project includes in the widening projects:

1400099 & 1400100: bridges over Norfolk South Railroad,

1400101 & 1400102: bridges over SR 38,

1296136: CR 200S Bridge over I-65,

1382292: CR 550E Bridge over I-65,

0800916 & 0800917: bridges over SR 26,

1172823: Eisenhower Road Bridge over I-65,

1005679 & 1005680: bridges over Wildcat Creek,

0710472: CR 200N over I-65,

1400103 & 1400104: bridges over SR 25

1401107 & 1401108: Signs & Markings

US 52 to SR 43, (des #1400679)

Patch and Rehabilitation

INDOT opened the construction bids on August 6, 2014

Wyndotte Road over I-65, (des #1383322) **Not in FY 15-18 TIP**

Bridge Maintenance and Repair

INDOT opened the construction bids on May 8, 2014.

CR 900E Bridge over I-65, (des #1382275) **Not in FY 15-18 TIP**

Bridge Maintenance and Repair

INDOT opened the construction bids on May 8, 2014.

CR 375S over I-65, (des #1382276) **Not in FY 15-18 TIP**

Bridge Maintenance and Repair

INDOT opened the construction bids on May 8, 2014.

CR 725N over I-65, (des #1382277) **Not in FY 15-18 TIP**

Bridge Maintenance and Repair

INDOT opened the construction bids on May 8, 2014.

3.6 miles north of SR 43 under I-65, (des #1297026)

Small Structure Pipe Lining

INDOT anticipates a construction bid opening on April 1, 2015

Other State Projects

Eisenhower Bridge over I-65, (des #0810150)

Bridge Painting (construction in 2015)

Funding for construction was authorized in FY 2014.

Wabash Heritage Trail within Prophetstown State Park, (des #0810383)

New Bike & Pedestrian Facility

INDOT anticipates a construction bid opening on July 8, 2015

At various Norfolk Southern railroad crossings throughout State, (des #1005821)

Passive Crossing Improvements (construction in 2015)

Funding for construction was authorized in FY 2014.

32 locations in Crawfordsville District, (des #1296292)

Traffic Signal Visibility Improvement (construction in 2015)

Funding for construction was authorized in FY 2015.

CSX Railroad crossing at Swisher Road, (des #1297571)

Railroad Crossing Improvements (construction in 2015)

Funding for construction was authorized in FY 2015.

CSX Railroad crossing at CR 800S, (des #1297572)

Railroad Crossing Improvements (construction is 2015)

Funding for construction was authorized in FY 2014.

Various locations throughout State, (des #1297613)

Bridge Inspection Rehabilitation (Emergency) (preliminary engineering in 2015)

Preliminary engineering has started and is under way.

Norfolk Southern Railroad crossing at CR 750E, (des #1382732)

Railroad Crossing Improvements (preliminary engineering in 2015)

Preliminary engineering has not yet started

Statewide, (des #1400933)

Bridge Inspection Data (construction in 2015)

A contract has not been awarded and the project has not started.

12. ITS Projects for FY 2016 - 2019 TIP

All of the Intelligent Transportation System (ITS) projects, or qualifying portions of projects, that are in the TIP were amended into the Tippecanoe County Regional ITS Architecture (version 1.2). ITS projects include traffic detection devices, dynamic message signs, emergency communications systems, and GPS-base vehicle tracking.

SAFETEA-LU Rule 940 requires any project that moves into design to follow a systems engineering analysis that is commensurate with the project scope. This rule applies to all ITS projects or programs that will receive federal-aid. A portion of this system engineering approach includes the identification of portions of the regional architecture being implemented. **Table 37** lists TIP projects, along with the corresponding Market Package¹, identified as having an ITS component. Descriptions of each ITS Market Package (i.e., grouping of similar technology) are provided following the table.

Table 44: ITS Summary

ITS Market Package Name	Projects
ATMS01: Network Surveillance ATMS03: Surface Street Control APTS01: Transit Vehicle Tracking APTS02: Transit Fixed-Route Operations APTS03: Demand Response Transit Operations APTS04: Transit Fare Collection Management APTS05: Transit Security APTS06: Transit Fleet Management APTS08: Transit Traveler Information APTS10: Transit Passenger Counting	City of Lafayette (numbers are from Table 4, <i>Funded Local Projects</i>) <hr/> 1. Old Romney Road, Twyckenham to US 52 2. Rome Drive, Shenandoah to Creasy Lane 3. Sagamore Pkwy, McCarty Lane to Teal Road (des# 1296080) 4. Sagamore Pkwy, RR Xing to McCarty Lane 5. South Street, at Scott Street 6. South 9 th Street, Twyckenham to Veterans Memorial Parkway 7. South 18 th Street, Vet. Mem. Pkwy to CR 430S 8. Star City Trail, North of Union to Rome Drive 9. Twyckenham, Beckenham & Armstrong Trail 10. Twyckenham Blvd., Poland Hill to South 9th <hr/> City of West Lafayette (numbers are from Table 4, <i>Funded Local Projects</i>) <hr/> 12. Cherry Lane Extension, US 231 to McCormick 13. Cumberland Avenue, Phase 4, Sagamore Parkway to 1/2 mile west 15. Kingston Trail, Salisbury to Rose 16. Lindberg Road, Northwestern Ave. to Salisbury Street 17. Northwestern Ave., Phase 4, North of Grant & Dodge to Lindberg 19. Soldiers Home Road (Ph 1), Sag. Pkwy. To Kalberer Road <hr/> Tippecanoe County (numbers are from Table 4, <i>Funded Local Projects</i>) <hr/> 23. Klondike Road, CR 200N to US 52 24. Lindberg Road, Klondike to McCormick 25. Morehouse Rd., Sagamore Pkwy to CR 500N

¹ National ITS Architecture Version 6.0

Table 37: ITS Summary Continued

ITS Market Package Name	Projects
	<p>CityBus (numbers are from Table 1, <i>Funded Local Projects</i>)</p> <hr/> <p>31. Capital Assistance (Section 5307) 32. New Freedom (Section 5317) 33. Capital Assistance (Section 5339)</p> <p>Purdue University Area (numbers are those listed in Table 4, <i>Funded Local Projects</i>)</p> <hr/> <p>37. Portions of Harrison, Williams, Grant and Chauncey Street</p>

ITS Market Package Name and Information

ATMS01: Network Surveillance: This Market Package includes traffic detectors, other surveillance equipment, the supporting field equipment, and fixed-point to fixed-point communications to transmit the collected data back to the Traffic Management Subsystem. The data generated by this Market Package enables traffic managers to monitor traffic and road conditions, identify and verify incidents, and detect faults in indicator operations.

ATSM03 Surface Street Control: This market package provides the central control and monitoring equipment, communication links, and the signal control equipment that support local surface street control and/or arterial traffic management. This market package is consistent with typical urban traffic signal control systems.

APTS01: Transit Vehicle Tracking: This market package monitors current transit vehicle location using an Automated Vehicle Location System. The location data may be used to determine real time schedule adherence and update the transit system’s schedule in real-time. The Transit Management Subsystem processes this information, updates the transit schedule and makes real-time schedule information available to the Information Service Provider.

APTS02: Transit Fixed-Route Operations: This market package performs vehicle routing and scheduling, as well as automatic operator assignment and system monitoring for fixed-route and flexible-route transit services. This service determines current schedule performance and provides information displays at the Transit Management Subsystem.

APTS03: Demand Response Transit Operations: This market package performs vehicle routing and scheduling as well as automatic operator assignment and monitoring for demand responsive transit services. In addition, this market package performs similar functions to support dynamic features of flexible-route transit services.

APTS04: Transit Fare Collection Management: This market package manages transit fare collection on-board transit vehicles and at transit stops using electronic means. It allows transit users to use a traveler card. Readers located on-board the transit vehicle

allows electronic fare payment. Data is processed, stored, and displayed on the transit vehicle and communicated as needed to the Transit Management Subsystem.

APTS05: Transit Security: This market package provides for the physical security of transit passengers and transit vehicle operators. On-board equipment is deployed to perform surveillance and sensor monitoring in order to warn of potentially hazardous situations. The surveillance equipment includes video (e.g., CCTV cameras), audio systems and/or event recorder systems.

The surveillance and sensor information is transmitted to the Emergency Management Subsystem, as are transit user activated alarms in public secure areas. On-board alarms, activated by transit users or transit vehicle operators are transmitted to both the Emergency Management Subsystem and the Transit Management Subsystem, indicating two possible approaches to implementing this market package.

APTS06: Transit Fleet Management: This market package supports automatic transit maintenance scheduling and monitoring. On-board condition sensors monitor system status and transmit critical status information to the Transit Management Subsystem.

APTS08: Transit Traveler Information: This market package provides transit users at transit stops and on-board transit vehicles with ready access to transit information. The information services include transit stop annunciation, imminent arrival signs, and real-time transit schedule displays that are of general interest to transit users. Systems that provide custom transit trip itineraries and other tailored transit information services are also represented by this market package.

APTS10: Transit Passenger Counting: This market package counts the number of passengers entering and exiting a transit vehicle using sensors mounted on the vehicle and communicates the collected passenger data back to the management center. The collected data can be used to calculate reliable ridership figures and measure passenger load information at particular stops.

APPENDICES

Appendix 1, Policy Board Resolution Adopting the FY 2016-2019 TIP

RESOLUTION T-15-07
RESOLUTION TO ADOPT THE
FY 2016 - 2018 TRANSPORTATION IMPROVEMENT PROGRAM

WHEREAS, the Policy Board of the Metropolitan Planning Organization is responsible for transportation planning in Tippecanoe County, and

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

WHEREAS, the FY 2016-2019 Transportation Improvement Program has been developed by staff with the assistance of local jurisdictions and INDOT and has been recommended for approval by the Technical Transportation Committee, and

WHEREAS, the Board of Directors of the Greater Lafayette Public Transportation Corporation endorsed the transit portion of the Four-Year Program of Projects on March 25, 2015, and

WHEREAS, the projects herein have been selected from the adopted Transportation Plan, Thoroughfare Plan, transportation systems management plans, transit development plans, ITS Architecture, and the Indiana Statewide Transportation Improvement Program, as a part of the comprehensive planning process.

NOW THEREFORE BE IT RESOLVED that the Policy Board of the Metropolitan Planning Organization (MPO) hereby adopts the FY 2016-2019 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday, the 14th of May 2015.



Tony Roswarski
Chair, MPO Policy Committee



Sallie Dell Fahey
Secretary

Appendix 2, GLPTC Adopting Resolution

GREATER LAFAYETTE PUBLIC TRANSPORTATION CORPORATION

RESOLUTION NO. 15-02

RESOLUTION ENDORSING THE TRANSIT PORTIONS OF THE ANNUAL ELEMENT OF THE AREA PLAN COMMISSION'S TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2016-2019, RECOGNIZING THAT THE OPERATING AND CAPITAL ASSISTANCE PROJECTS FOR THE GREATER LAFAYETTE PUBLIC TRANSPORTATION CORPORATION ARE LISTED IN THE ANNUAL ELEMENT.

WHEREAS, A Transportation Improvement Program is a Federal requirement which is needed prior to receiving Federal Funds.

WHEREAS, the Annual Element of the Transportation Improvement Program lists only those projects from which approval for Federal Funds will be granted.

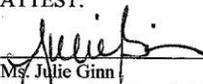
WHEREAS, the Greater Lafayette Public Transportation Corporation has Section 5307/5340 Operating and Capital Assistance Projects and Section 5339 Capital Assistance Projects noted in the Annual Element of the Transportation Improvement Program.

NOW, THEREFORE BE IT RESOLVED that the Board of Directors of the Greater Lafayette Public Transportation Corporation does hereby concur in and endorse this amendment to the transit portions of the Annual Element of the Transportation Improvement Program for FY 2016-2019.

Adopted by the Board of Directors of Greater Lafayette Public Transportation Corporation this 25th day of March, 2015.


Mr. William J. Ooms
Chairman of the Board of Directors
Greater Lafayette Public Transportation Corporation

ATTEST:


Ms. Julie Ginn
Secretary of the Board of Directors
Greater Lafayette Public Transportation Corporation

Record of Votes: Ayes: 6 Nays: 0

March 25, 2015

Appendix 3, INDOT Local Federal Funding Information, Lafayette MPO



Owner: Justin Sergent
 File Name: FY15 Lafayette MPO
 Date: 02/03/2015

FY15 Lafayette MPO Summary As of 01/31/2015

	STP	CMAQ	HSIP	TE/TA	Total
Total Available	\$3,779,731.00	\$0.00	\$422,576.00	\$209,438.00	\$4,411,745.00
FY15 Obligations	\$3,235,675.58	\$0.00	\$427,169.42	\$748,900.00	\$4,411,745.00
Remaining Balance	\$544,055.42	\$0.00	(\$4,593.42)	(\$539,462.00)	\$0.00

Obligation Summary

Project Number/DES	PS Activity	PO Amount	Federal Amount	Fund Type	Month
9999218/0801072	15PEM1F	\$79,040.00	\$79,040.00	STP	July
1006063	15CSM1F	\$4,524.29	\$4,524.29	HSIP	July
0902212	15CNM80	\$936,125.00	\$748,900.00	TE/TA	August
1172458	15CNM80	\$3,084,540.21	\$2,467,632.17	STP	August
1006063	15CNM1F	\$9,739.92	\$9,739.92	HSIP	October
1006476	15CNM90	\$21,594.64	\$19,435.18	HSIP	November
1382200	15CNM90	\$377,259.37	\$339,533.43	HSIP	November
9999239/0900002	15CNM80	\$582,069.26	\$465,655.41	STP	November
9999239/0900002	15CNM90	\$59,929.56	\$53,936.60	HSIP	November
1172458	15PEM1F	\$16,148.00	\$16,148.00	STP	November
1172458	15CSM1F	\$207,200.00	\$207,200.00	STP	November

	STP	CMAQ	HSIP	TE/TA	Total
Potential FY16 Deductions	\$3,735,979.75	\$0.00	\$39,060.55	\$0.00	\$3,775,040.30

Obligation Summary

Project Number/DES	PS Activity	PO Amount	Federal Amount	Fund Type	Month
9999239/0900002	15CNM80	\$4,005,311.81	\$3,204,249.45	STP	November
9999239/0900002	15CSM1F	\$531,730.30	\$531,730.30	STP	January
1382200	15CSM1F	\$39,060.55	\$39,060.55	HSIP	January

	STP	CMAQ	HSIP	TE/TA	Total
Carryover Obligations	\$10,399,062.07	\$0.00	\$1,657,581.30	\$868,948.62	\$12,925,591.99
Remaining Balance	\$10,399,062.07	\$0.00	\$1,657,581.30	\$868,948.62	\$12,925,591.99

PO Used Remaining FY15 Spending and Remainder went into Potential FY16

*FY15 Spending Authority based off of FHWA Draft Notices. (50% of HSIP flexed per request.)

April INDOT Funding Report showing Final FY '16 Federal Funding Amounts

2016 Local Share of Federal Formula Apportionments _FINAL

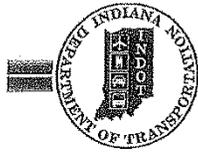
Last Updated - 02/08/2016

Spending Authority
98.7509%

Group I	STP	HSIP	CMAQ	TA	Section 164 Penalty	FY 16 Target	FY 16 Spending Authority
Indianapolis	\$29,765,482	\$5,076,012	\$8,033,500	\$2,485,602	\$1,449,031	\$46,809,627	\$46,224,928
Fort Wayne	\$5,892,254	\$1,069,786	\$2,074,008	\$523,849	\$305,388	\$9,865,285	\$9,742,058
Louisville	\$2,520,361	\$478,362	\$1,041,805	\$234,243	\$136,556	\$4,411,327	\$4,356,225
South Bend	\$4,498,804	\$825,377	\$1,647,445	\$404,168	\$235,617	\$7,611,411	\$7,516,337
Northwest	\$11,533,775	\$2,011,632	\$3,446,026	\$985,048	\$574,253	\$18,550,734	\$18,319,017
Evansville	\$3,699,137	\$685,116	\$1,402,652	\$335,486	\$195,578	\$6,317,971	\$6,239,053
Cincinnati	\$210,675	\$34,893	\$49,155	\$17,086	\$9,961	\$321,770	\$317,751
TOTAL GROUP I	\$68,120,488	\$10,181,180	\$17,694,691	\$4,985,482	\$2,906,384	\$93,888,125	\$92,715,368
Group II	STP	HSIP	CMAQ	TA	Section 164 Penalty	FY 16 Target	FY 16 Spending Authority
Anderson	\$1,527,055	\$300,752	\$731,826	\$127,970	\$85,855	\$2,773,458	\$2,738,815
Bloomington	\$2,784,920	\$370,790		\$157,771	\$105,848	\$3,419,329	\$3,376,618
Elkhart/Goshen	\$2,615,199	\$489,487	\$1,061,221	\$208,277	\$139,732	\$4,513,916	\$4,457,533
Kokomo	\$1,593,747	\$212,195		\$90,289	\$60,575	\$1,956,806	\$1,932,364
Lafayette	\$3,786,247	\$504,109		\$214,499	\$143,906	\$4,648,761	\$4,590,693
Muncie	\$1,575,200	\$309,103	\$746,400	\$131,523	\$88,238	\$2,850,464	\$2,814,859
Terre Haute	\$1,617,734	\$316,481	\$759,276	\$134,663	\$90,345	\$2,918,499	\$2,882,044
Columbus	\$1,407,954	\$187,458		\$79,763	\$53,513	\$1,728,688	\$1,707,095
Michigan City	\$1,092,088	\$225,309	\$600,156	\$95,869	\$64,318	\$2,077,741	\$2,051,788
TOTAL GROUP II	\$18,008,143	\$2,916,684	\$3,898,879	\$1,240,826	\$832,330	\$26,887,662	\$26,551,808
TOTAL RURAL	\$44,419,736	\$3,181,018	\$1,184,984	\$4,608,406	\$908,074	\$54,302,217	\$53,623,928
SUB TOTAL	\$120,540,367	\$16,277,882	\$22,778,454	\$10,834,613	\$4,848,788	\$178,078,004	\$172,891,104
STP (DISCRETIONARY)						\$24,791,477	\$24,481,807
RAIL/HIGHWAY CROSSINGS						\$11,608,988	\$11,463,960
TRANSPORTATION ALTERNATIVES (FLEX AREAS)						\$10,834,613	\$10,699,179
STP OFF-SYSTEM BRIDGES						\$12,903,273	\$12,742,098
GRAND TOTAL						\$235,216,255	\$232,278,168

2/25/2016

Appendix 4, INDOT Authorized Prior Year Balance Spending Plan



INDIANA DEPARTMENT OF TRANSPORTATION

100 North Senate Avenue
Room 985
Indianapolis, Indiana 46204

PHONE: (317) 234-5142
FAX: (317) 232-4499

Michael R. Pence, Governor
Karl B. Browning, Commissioner

February 26, 2015

Sallie Dell Fahey, Executive Director
Area Plan Commission of Tippecanoe County
20 North Third Street
Lafayette, IN 47901

Dear Ms Fahey:

Thank you for taking the time over the last 7 months to discuss and work through the many issues that the MPO's and INDOT were facing regarding policies and procedures, funding and project delivery. INDOT is very appreciative of your commitment to work together as partners in transportation ensuring all tax dollars are utilized and spent in the most efficient way.

Indiana receives approximately \$1 billion per year in federal funding of which INDOT sets aside 25% for federal aid eligible projects within Rural Local Planning Agencies (LPA) and Metropolitan Planning Organizations (MPO). Federal law requires INDOT to obligate all of the federal funds it receives each fiscal year. Any unobligated funds revert back to the Federal Highway Administration (FHWA) for redistribution to other states. INDOT will not lose any funding to other states and will take necessary steps to avoid this.

As you're aware, INDOT and all of the MPO's have come to an agreement on prior year balances. All MPO's have now completed the creation of a 4-5 year spending plan that not only identifies how they expect to utilize their annual spending authority but how to spend down the unfunded liability of prior year balances. As we move beyond fiscal year 2015, INDOT expects the Local Rural and MPO Programs to obligate their yearly spending authority and prior year balances before the end of each state fiscal year. INDOT's definition of obligation means that a purchase order has been issued for those funds.

INDOT will work collaboratively with each MPO to assist in the obligation of all funds but will not be held responsible for the lack of project eligible activities for any obligation. Federal requirements must be met in order to obligate funds which include but is not limited to actual fully executed contracts. As we've discussed, INDOT will no longer allow the carryover of funds from year to year.

Any unobligated funds at the end of each state fiscal year; whether it's from your yearly spending authority or prior year balances identified to be utilized during the current state fiscal year, will be lost by the Local Rural and MPO Programs. Prior year balance dollar amounts are not tied down to specific projects.

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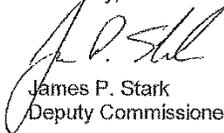


It's each MPO's responsibility to see that these dollar amounts for both your annual spending authority and prior year balances are obligated as identified to be utilized during the current state fiscal year. As you requested, INDOT is happy to make available to you the following dollar amounts for the following state fiscal years:

- 2015 - \$3,909,040
- 2016 - \$2,666,567
- 2017 - \$252,142
- 2018 - \$4,634,111
- 2019 - \$1,463,732

Once again, thank you for all of your hard work.

Sincerely,



James P. Stark
Deputy Commissioner, Innovative Project Delivery

cc: Karen Hicks
Kathy Eaton-McKaip

Appendix 5, MPO Certification

TRANSPORTATION PLANNING PROCESS FY 2016 CERTIFICATION

In accordance with 23 CFR 450.334, the Indiana Department of Transportation and the Area Plan Commission of Tippecanoe County hereby certify that the transportation planning process is addressing the major issues in the metropolitan planning area and is being conducted in accordance with all applicable requirements of:

1. 23 U.S.C. 134, 49 U.S.C. 5303, and 23 CFR part 450.300;
2. Sections 174 and 176(c) and (d) of the Clean Air Act, as amended (42 U.S.C. 7504, 7506(c) and (d)) and 40 CFR part 93;
3. Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1) and 49 CFR part 21;
4. 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;
5. Section 1101(b) of the SAFETEA-LU (Pub. L. 109-59) and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects;
6. 23 C.F.R. part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;
7. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) and 49 CFR parts 27, 37 and 38;
8. The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
9. Section 324 of title 23 U.S.C. regarding the prohibition of discrimination based on gender; and
10. Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.

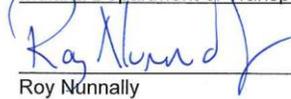
Area Plan Commission of
Tippecanoe County - MPO


Sallie Dell Fahey

Executive Director _____
Title

5.25.15
Date

Indiana Department of Transportation


Roy Nunnally

Division Director _____
Title

5/31/15
Date

Appendix 6, Public – Private Participation Responses and Comments

December 2015, Technical Transportation Committee

The TIP development schedule was presented. APC staff stated that the local programming sheets have been distributed through email and only the projects using local funds should be returned.

No comments or questions were received from the general public.

January 21, 2015, Technical Transportation Committee

Committee members were reminded that the local project sheets needed to be turned in.

No comments or questions were received from the general public.

January 27, 2015: Citizens Participation Committee

The committee reviewed the development schedule and proposed local and INDOT projects. The following are the question and comments made by citizens at the meeting:

- 1) Can I interject here? One of the things that we want to do here is to complete the tree line on Twyckenham to Old Romney Road to US 52. We stopped there at Old Romney because we knew they were going to do this construction. Is there any that we can plan for a tree lawn so we can get the trees planted?
- 2) Twyckenham to Beck Lane? How will that work?
- 3) One of the things we are looking at right now is that trail system on South 9th Street which is right north of Twyckenham that runs under the bridge over to 18th Street. We are thinking about putting in landscape in that whole trail system for wild life.
- 4) I was told that they owned it because we saw the plat.
- 5) It took us a long time to find it but they final found it last week.
- 6) We think we can get a grant from the Whistler Foundation for like \$35,000 to start that project. And because it is in the water shed with WREC we can get it match.
- 7) It would be nice if can get the Area Plan to plan where these tree lines should go.
- 8) Along those lines, on top is says 15 through 19. Is that an error? The others say 16 through 19. I thought that was the error that he noticed on the draft.
- 9) Will that be connected to Creasy? Or not to Creasy but to McCarty. Park East Boulevard? So it's going to be a big space between them?
- 10) Is that what you call new road construction?
- 11) The city has always said that it would piggy back this on the developer cost. I can see why they are not going to wait. It's just not happening fast enough. It depends on what you build first the approval comes.
- 12) If you build it they will come.
- 13) It is not working. Maybe it will work and they were hoping they will come and then build it
- 14) That way they can get smooched right up against the guard rail.
- 15) These are really good projects. Is there any way we can encourage six foot tree lawns?

- 16) We can't plant trees the way they do it now. The tree laws are too small and that means small trees and that means pruning forever. And they put all of the utilities there and there are no places for trees.
- 17) Three foot grassy buffers are standard? I thought they were two foot.
- 18) Around here it's usually around 34 inches. They are really small. You can't plant anything in 34 inches.
- 19) I don't know of hardly any that are even that big. Most of the ones I see are smaller
- 20) A lot of cities are doing underground conduits. They are rectangular conduit that goes a lot of holes and they run all of the utilities in them and Lafayette has not yet started that process yet. Is there any way we can get that started? Its pay now or pay later and they are going to pay later.
- 21) Is that feasible in our climate? To me that doesn't sound feasible. Any underground utilities that require water proofing is always difficult. We have such a high water table here.
- 20) Does that use one bank or casing?
- 21) But the problem with that is that there are multiple penetrations. Then you run into the issue of how to ensue water proof integrity. As opposed to a single television, cable or phone company puts in one cable they have single penetrations where wherever they need.
- 22) They have man holes every three hundred feet which you go down and see all of these holes coming through. It's easy to patch wires.
- 23) It's developed and works.
- 24) They have all of these man holes which I don't see water being a problem.
- 25) That's falling apart too.
- 26) Given that they don't know what they want to have done by 2016. They had at one time an idea what they want done but they don't now.
- 27) By 2016.
- 28) So where does that begin?
- 29) I don't think they can raise it high enough to eliminate the flooding.
- 30) So that's the lowest stretch of the road?
- 31) There was a small component to was going to be done with the Happy Hollow project. That was really near Happy Hollow Road. That intersection was going to be raised – right? Up to that bridge I think.
- 32) Is the one here you are talking about?
- 33) This is the des number 0800132?
- 34) We wanted to plant trees there this year but backed off.
- 35) So you said earlier that sidewalks will not be continuous. So this does not solve that problem. This is the problem.
- 36) I assume all of the preconstruction engineering is done.
- 37) I would like to see the plans for Teal Road.

- 38) I would be interested in seeing them. It would help me visualize it a little bit better.
- 39) Is that likely to remain in the state hands for a long time? Is there any plans from Lafayette?
- 40) Have they every considered naming the section of road that is now US 52 between 231 and Old 231? Now that it's in the city limits. It's hard to describe to people when you say 52 people think its Sagamore Parkway.
- 41) Doug, can you jump back to 26 for a moment. What section of 26 will that be? Will that be from Purdue out to the county line?
- 42) SR 55 is not in the county. It's in the next county.
- 43) I realize that 8.57 east of that.
- 44) Is that the Soldiers Home Road Bridge? And they are just going to do a deck replacement and not modify it.
- 45) There is a sidewalk on only one side.
- 46) The bridge is plenty wide enough for one (a trial).
- 47) Kentucky has a long arm reach all the way up here.
- 48) That they were included here.
- 49) So the second SR 25project, it says bridge over. You left out where it is.
- 50) This is an extensive report.
- 51) Sounds good.
- 52) It does seem odd that they don't have anything for the widening. I guess that it's already been let.
- 53) I noticed that the ones that have dropped off like the bridge and deck replacements for I-65 over the Wabash River. Maybe they are thinking about widening it.
- 54) So you say it would be cheaper because if they replace the bridges you would obviously get a new deck when you widening it. You wouldn't have to pay for the deck over lay and then throw it away.
- 55) Wouldn't it last 30 years before they have to do it again.
- 56) I just don't know that number.
- 57) Well the bridge is going on 50 years.
- 58) Pedestrian and bicycle on all bridges if they can.
- 59) But they should do the interstate. I know they do it in some countries but not in Indiana.
- 60) Do they still have those signs? I have not seen them in a long time.
- 61) In some parts of the country they allow bicycles on restricted access roads only if there are not alternatives. But that is mostly in the western states.

February 6, 2015

A citizen came into the APC office after seeing one of the posted public notices. He pointed out the dangers riding a bicycle on River Road from State Street to Robinson and asked about projects that would address the issue. Various other projects were discussed.

February 12, 2015, Administrative Committee

The TIP development time schedule was presented to the committee.

No comments or questions were received from the general public.

February 18, 2015, Technical Transportation Committee

The Committee reviewed and approved the Five Year Production Schedule as the local prioritized and financially constrain list. The Committee affirmed a list of INDOT projects as a priority to our local community.

No comments or questions were received from the general public.

March 3, 2015:

The draft document was placed on the APC Transportation web page.

March 12, 2015:

It draft document was submitted to INDOT, FHWA and FTA for review.

March 12, 2015, Administrative Committee

The Committee was informed that the draft document has been posted on the APC web page, is available for public review and it has been submitted to INDOT, FHWA and FTA for review.

No comments or questions were received from the general public.

March 18, 2015: Technical Transportation Committee

The Committee was informed that the draft document has been posted on the APC web page, is available for public review and it has been submitted to INDOT, FHWA and FTA for review.

No comments or questions were received from the general public.

March 24, 2015, Citizens Participation Committee (formal public hearing)

The draft TIP document was presented. The following are the question and comments made by citizens at the meeting:

- 1) That's one of the questions that I came to the meeting with. How is that going to affect access to Columbia Park? We have South Street and Park which runs perpendicular and then Scott Street which runs at a forty five degree angle. As you described it's a large open intersection and very difficult. There is no way to really cross it. When you say close Scott Street, could you describe it?
- 2) So there will be no access to Scott Street from South Street.
- 3) Will there be a traffic light there?
- 4) Perhaps activated by the people.
- 5) So as far as entering South Street, if you are coming from 26, then you would turn a corner before that and you would have access?
- 6) There is no access. You can't get to Scott Street from Park Street. The park is in the way. So where would the access to Scott Street be? Because the other cross streets are rentals and I think Thompson. They are very short and have very strange turn offs from South Street.
- 7) So you would have to go up another block and turn and come back.
- 8) Park to where?
- 9) If you were coming up Park and wanted to come back go to Scott, is what he is saying.

- 10) There is no access from Park Street to Scott Street.
- 11) It will close off access.
- 12) It would only move them one block. They would have to turn one block earlier if they are coming from the west and turn one block later if coming from the east.
- 13) I'm just concern about the turns. It is difficult to make those turns.
- 14) Especially if you are making a left hand turn.
- 15) If you are coming from the west you can turn onto Reynolds Street and if you coming from the east you can turn on Thompson and then onto Sheridan Street. It's a couple blocks out of the way. I don't you want to make a left hand turn onto Reynolds.
- 16) I would like to have the opportunity to prepare folks. This is what you are going to have to do in the future to get to the Jenks Rest building.
- 17) That would be great. Thank you.
- 18) And that's looking at 2020 when it is all done?
- 19) Until everything connects and be a true loop.
- 20) I have a question about that. According to the State Street project web site, that's considered within the scope of the State Street project even though it's not very close to State Street. That project is part of the build, operate and transfer model. How does this connect to the DOT model?
- 21) What I meant is the funding mechanism. The build, operate and transfer which means the operator front loads the funding. They actually secure the funding and then get paid back over time. This is a lump sum and standard bid for build type which does not jive with the DOT model.
- 20) State Street Corridor Summary which has a web site and it is on it. I attended Road School and this was handed out. It was well attended.
- 21) That was detailed at the other meeting? The signal there at 231 which is now 52.
- 22) That was also mentioned on later on that has no funding.
- 23) Could we see that one when it's ready to be displayed? I would like to know what there is going to be done. There is so much complete street work that needs to be done. Most of the sidewalks are missing. (*Lindberg from Klondike to US 231/52*)
- 24) And sort of ditto for the next one. I don't really know what is involved with that. Pedestrian safety and signal modernization. It's almost a mile there. I don't know what the plans are. (*Northwestern*)
- 25) I have a quick comment about the Yeager Road project. I was under the impression that Yeager is paved up to the city limits or it is very, very close.
- 26) I rode out there on my bicycle and it is paved up to almost to 400 North.
- 27) There is a jog right after the pavement.
- 28) I don't understand why they are putting down something that is paved when it is already mostly paved.
- 29) That's two million dollars' worth? That can't be that far.
- 30) We would like an update of that because they are finishing up the PE portion of that.

- 31) The last we heard was that she is focused on buying right-of-way.
- 32) Will there still be roundabouts probably at the main intersection and where Cumberland extends over?
- 33) I noted that there are several references to travel training and then also there is a reference on page 36 about a safety project. How does one find out what those projects entail?
- 34) I have a question and I know I have brought this up in the past. But the Morehouse Road is there anything looking at the small section of Kalberer between Morehouse and the city limits. I know people are using the cemetery as a short cut to avoid making left and right hand turns.
- 35) You got that diagonal coming off the cemetery that people actually use and those issues too. At least if they add turn lanes at the intersection that would probably alleviate some of it and close off that cemetery or make it one way.
- 36) When you say widening, do you happen to know if that means four lanes?
- 37) Or just wide shoulders?
- 38) I think it needs to be widened for bike lanes. I can't image the county doing that but you never know.
- 39) Cumberland and Old 52, it was an INDOT unfunded project and now it is a local project. It's in one table but active on another table. It also didn't make sense because it was called 52 and it's not 52 now. There is another Cumberland and 52 intersection now.
- 40) Could that be a function of the great signage we have in the area.
- 41) The great signage is that it could be confusing to the locals.
- 42) Can I ask a question? The other document that I have been tempting to review, they are new to me and quite extensive. I really praise the research the staff has done, is the Coordinated Human Services Transit Plan. My question is I was kind of keeping these side by side is how does the Coordinate Human Services Plan fold into this document?
- 43) Yes, and just for the record, if similar meetings are held in the future, seeing that the Coordinated Human Services Plan has been completed for a certain period of time, I would like to be invited to future meetings.
- 44) Thanks for the digression. I appreciate it.
- 45) I'm glad you printed it. I brought along a few pages but I'm glad you printed the document for us.
- 46) One question. Under the complete street determination, it says that they have been reviewed. What is included in that review?
- 47) So the policy is not a whole more elaborate than what is described in the first paragraph? So do you use a specific rubric or check list of things that you determine if it is compliant. Or just you look at and see if it fits?
- 48) So even through there is a large exclusion of anything funded with local money?
- 49) Good. It's about time.
- 50) Actually I have a question about a project if we can go back. I have a question about the CR 500N and River Road intersection improvement. What is being proposed and why at that intersection.

- 51) There are equal problems and if not worst at the Soldiers Home Road intersection. They are both really bad. The only thing different is that there is nothing across the Soldier Home Road intersection. It's kind of rural undeveloped property around it.
- 52) I've seen accidents at both intersections.
- 53) It is a difficult turn at both places. I was just wondering. So they are going to do something to develop that intersection to make it safer?
- 54) I don't think a roundabout would be good at that intersection.

April 15, 2015, Technical Transportation Committee

The Committee reviewed the draft document, voted and recommended its adoption.

No comments or questions were received from the general public.

May 14, 2015, Administrative Committee

The Policy Board reviewed the draft document and adopted the TIP.

No comments or question were received from the general public.

Appendix 7, Change Order Policy

CHANGE ORDER POLICY for FEDERAL AID STP/MG FUNDS

Greater Lafayette Area Transportation and Development Study Area

The following procedures will be followed by the Area Plan Commission of Tippecanoe County (APC) in its capacity as Metropolitan Planning Organization (MPO), the INDOT Crawfordsville District Construction Engineers, the Local Government Engineers (LPA Engineer), and Project Construction Engineers regarding all federal aid local project change orders in Tippecanoe County, Indiana:

- When the LPA Engineer is informed by the Project Construction Engineer that a change order is required, the LPA Engineer shall contact the MPO to determine if or what portion of federal funds are available within the amount programmed for the project in the Transportation Improvement Program (TIP). The MPO will verify by phone whether or not the funds exist for the change order and inform the LPA Engineer if federal aid funds are available.
- The LPA Engineer will complete the change order form along with the amount of federal aid funds being requested, and send it directly to the MPO (APC). The Executive Director of the Area Plan Commission or designee will sign the change order and indicate the amount of federal, if any, and local funds required. The MPO will send the change order to the LPA Engineer for signature by the Board of County Commissioners, Mayor, or Town Council as appropriate.
- The LPA Engineer will provide a signed copy of the change order to the MPO.
- The MPO will forward the signed change order with the corresponding state Designation Number (Des #) to INDOT's Office of Policy and Budget Fiscal Management and the INDOT Crawfordsville District Construction Engineer.
- It is the responsibility of the local government to ensure that change orders have been provided to the MPO and that the MPO has signed off assuring that the federal aid funds are available.
- If this change order policy is not followed, the local government requesting federal aid funds will be required to use 100% local funds for the change order.
- When additional federal aid funds are not available within the amount programmed in the TIP, the local government may request a TIP amendment to increase the amount of federal aid available to the project. To facilitate such an eventuality, 5% of estimated federal funds will be left unprogrammed in the TIP so long as those unprogrammed funds are not in danger of being lost to the community. As custodians of those funds, the MPO (APC staff) will determine when all unprogrammed funds must be programmed.

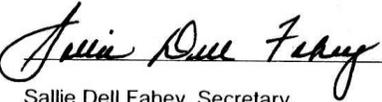
April 11, 2006

- In Dayton, Battle Ground and Clarks Hill (which have no local government engineer), the Project Construction Engineer will fulfill the responsibilities of the LPA Engineer for purposes of compliance with this policy.

Adopted by the Area Plan Commission of Tippecanoe County in its capacity as the Policy Committee of the Metropolitan Planning Organization this 19th day of April 2006.



Gary Schroeder, President



Sallie Dell Fahey, Secretary

April 11, 2006

Appendix 8, Administrative Amendment Policy

POLICY for ADMINISTRATIVE AMENDMENTS to the TRANSPORTATION IMPROVEMENT PROGRAM

Greater Lafayette Area Transportation and Development Study Area

Because some requests to amend the Transportation Improvement Program (TIP) need quick approval or are of limited financial interest to local officials, administrative amendments to the TIP are desirable. To provide a limited use, alternative TIP amendment process, the Area Plan Commission of Tippecanoe County (APC), in its capacity as the Policy Board of the Metropolitan Planning Organization (MPO), authorizes its Executive Director, or in her/his absence, its Assistant Director for Transportation Planning, to approve administrative amendments that add projects to the TIP, move projects within the TIP from unfunded to funded sections, and correct information for certain projects already programmed. Votes of recommendation by the Technical Transportation and Administrative Committees, and approval by the Area Plan Commission are not required for administrative amendments. For a project to qualify for an administrative amendment, the following criteria must be met:

- The request corrects the cost or other portion of a project listing already programmed for INDOT or CityBus.

OR

- The request is an INDOT project or a local project using dedicated Federal funds such as "earmarks", HES or TE. In these cases, the locally controlled STP allocation will not be used for the request.

AND FOR EITHER SITUATION LISTED ABOVE,

- Following the established approval process will delay the letting date or move the project to a subsequent construction year.

The details of all Administrative Amendments shall be provided to the Technical Transportation Committee, the Administrative Committee and the Area Plan Commission no later than the first meeting of each group following the amendment.

Adopted, as amended, by the Executive Committee of the Area Plan Commission of Tippecanoe County this 1st day of November 2006.


Gary Schroeder, President


Sallie Dell Fahey, Secretary

September 27, 2006
Revised per Executive Committee vote November 2, 2006

Appendix 9, Planning Support for TIP Projects

The following two tables document the planning support for both local and state projects. Each table provides a project description or code number and the document where the planning support can be found.

LOCATION	PROJECT TYPE	PROJCT or DES NO.	SUPPORTING DOCUMENTATION
City of Lafayette			
Old Romney Road <i>Twyckenham to US 52</i>	Road Reconstruction & Widening	---	2040 MTP, FY '14 TIP
Rome Drive <i>Shenandoah to Creasy</i>	Road Reconstruction	---	City Assessment, FY '14 TIP
Sagamore Parkway <i>McCarty to Teal Road</i>	Road Reconstruction	1296080	2040 MTP, FY '14 TIP
Sagamore Parkway <i>RR Xing to McCarty</i>	Road Replacement	---	2040 MTP, FY '14 TIP
South Street <i>At Scott & Park Streets</i>	Pedestrian Crossing	1400566	City & HSIP Assessment, FY '14 TIP, 5YPS
South 9th Street <i>Twyckenham to Veterans Mem.</i>	Road Reconstruction & Widening	1401283	2040 MTP, FY '14 TIP, 5YPS
South 18th Street <i>CR 350S to US 52</i>	Road Reconstruction & Widening	1172009	2030 TP, HSIP, FY '14 TIP, 5YPS
Star City Trail <i>N of Union to Rome Dr.</i>	Trail Construction	1401284	Trail Master Plan, FY '14 TIP, 5YPS
Twyckenham Blvd. <i>Poland Hill to S. 9th St.</i>	Road Reconstruction	1401285	City Assessment, FY '14 TIP 5YPS
Twyckenham, Beckenham & Armstrong Trails	New Trail Construction	1382769	2040 MTP, Trail Plan, FY '14 TIP, 5YPS
36th Street <i>Union to South Street</i>	Road Reconstruction & Widening	---	City Assessment, FY '14 TIP
Beck Lane <i>Poland Hill to Old 231</i>	Road Reconstruction & Widening	---	2040 MTP, TFP, FY '14 TIP
Park East Blvd. <i>Haggerty to SR 38</i>	New Road Construction	---	2040 MTP
Poland Hill Road <i>Teal Rd. to Beck Lane</i>	Road Reconstruction & Alignment	---	City Assessment, 2040 MTP
South Beck Lane <i>Old Romney Rd to CSX RR</i>	Road Reconstruction	---	City Assessment
City of West Lafayette			
Cherry Lane Roundabout <i>At McCormick</i>	New Roundabout	1401289	West Laf. Strategic Plan, FY '14 TIP, 5YPS
Cherry Lane Extension <i>Rel. US 231 to McCormick</i>	New Road Construction	1401290	2040 MTP, FY '14 TIP, 5YPS
Cumberland Ave, Ph 4 <i>Sagamore Parkway to ½ mi west of Sagamore Parkway</i>	Road Reconstruction	---	City Assessment, FY '14 TIP
Happy Hollow Nbd Trail <i>Hollowood to HH Park</i>	New Trail Construction	1401288	City Assessment, 2040 MTP, FY '14 TIP, 5YPS
Kingston Trail <i>Wabash H. Trail to Salisbury</i>	New Trail Construction	1401286	City Trail Plan, 2040 MTP, FY '14 TIP, 5YPS

LOCATION	PROJECT TYPE	PROJCT or DES NO.	SUPPORTING DOCUMENTATION
Lindberg Road <i>Northwestern to Salisbury</i>	Road Reconstruction & Complete Streets	---	2040 MTP
Northwestern Ave, Ph. 4 <i>North to Grant & Dodge to Lindberg</i>	Ped Safety & Signal Mod	---	City Assessment
Sagamore Parkway Trail <i>Happy Hollow to Wabash River Bridge</i>	New Trail Construction	1401287	2040 MTP, FY '14 TIP, 5YPS
Soldiers Home Road, Ph 1 <i>Sagamore Pkwy to Kalberer</i>	Road Reconstruction & Urbanization	1401291	2040 MTP, TFP-15, FY '14 TIP, 5YPS
Yeager Road, Ph. 4 <i>End of Pavement to City Limit</i>		---	2040 MTP, FY '14 TIP
Soldiers Home Rd, Ph 2 <i>Kalberer Rd to City Limits</i>	Road Reconstruction & Urbanization	---	2040 MTP, FY '14 TIP
Williams Street <i>Phase 1A, Pt 2</i>	Road Reconstruction & Widening	1005930	2040 MTP, FY '14 TIP, PU Master Plan
Tippecanoe County			
Concord Road <i>At CR 430S</i>	Intersection Improvements	1401282	County Assessment, FY '14 TIP, 5YPS
County Bridge Inspection <i>Various Bridges in County</i>	Inspection Program	1382591	Annual Inspection, FY '14 TIP
Klondike Rd <i>Lindberg Rd to US 52</i>	Road Reconstruction & Widening	1173626	2040 MTP, TFP-14, FY '14 TIP, 5YPS
Lindberg Road <i>Klondike to US 231</i>	Road Reconstruction & Widening	1173627	2040 MTP, TFP-15, FY '14 TIP, 5YPS
Morehouse Road <i>Sagamore Pkwy to CR 500N</i>	Road Reconstruction & Widening	1401280	2040 MTP, FY '14 TIP, 5YPS
North River Road <i>At CR 500N</i>	Intersection Improvements	1401279	County Assessment, FY '14 TIP, 5YPS
River Road <i>At River Bend Hospital</i>	Road Elevation	---	County Assessment, FY '14 TIP
Yeager Road <i>City Limits to CR 500N</i>	Road Realignment	1401281	2040 MTP, FY '14 TIP, 5YPS
Bridge Replacement <i>Various Locations</i>	Replacement	---	County Bridge Program, FY '14 TIP,
CR 400E <i>At Clegg Gardens</i>	Ped Xing Improvements	---	County Assessment
CityBus			
CityBus	Operating Assistance & Capital Assistance	Various	TDP, SP, CHSTP, FY '14 TIP
JARC	Operating Assistance	Various	CHSTP, FY '14 TIP
New Freedom	Operating Assistance	Various	CHSTP, FY '14 TIP
Town of Battle Ground			
North Street/Street Lights <i>Winans to Railroad Street</i>	Road Recon. & Other	1172413	Town Assessment, 5YPS, Safety Review, FY '14 TIP
Railroad Street <i>Various Intersection</i>	Street Lighting	1105755	Town Assessment, 5YPS Safety Review, FY '14 TIP
Wabash Center			
Van Replacement	Replace Five Vans	---	Center Assessment

LOCATION	PROJECT TYPE	PROJCT or DES NO.	SUPPORTING DOCUMENTATION
Purdue University Airport			
Rehabilitate Flight Operations Aircraft Apron	Rehabilitation	---	AMP
East Parallel Taxiway "C"	Reconstruction	---	AMP
Rehabilitate Runway 05/23	Rehabilitation	---	AMP
Extend Runway 05/23 and Taxiway B	Environmental Report	---	AMP

AMP-Airport Master Plan
CHSTP – Coordinated Human Service Transit Plan
Bic./Ped. Plan – Bicycle & Pedestrian Plan
F/D – Federal Aid Crossing Questionnaire, Diagnostic Review
TDP – Transit Development Plan
TFP – Thoroughfare Plan
TIP – Transportation Improvement Program
2040 MTP – 2040 Metropolitan Transportation Plan
SP – CityBus Strategic Plan
5YPS – Five Year Production Schedule

INDOT Projects

LOCATION	PROJECT TYPE	DES. NO.	SUPPORTING DOCUMENTATION
SR 25 <i>Over Wea Creek</i>	Bridge Deck Overlay	1296092	INDOT Review, FY '14 TIP, STIP
SR 25 <i>Bridge over Shawnee Creek</i>	Replacement Structure	1298419	INDOT Review, FY '14 TIP, STIP
SR 26 <i>Over S. Fork Wildcat Creek</i>	Bridge Replacement	9608220	INDOT Review, FY '14 TIP, STIP
SR 26 <i>8.57 mi E SR 55 to SR 526</i>	HMA Overlay	0900178	INDOT Review, FY '14 TIP, STIP
SR 26 <i>Over Coffee Run Creek</i>	Bridge Deck Overlay	1296009	INDOT Review, FY '14 TIP, STIP
Sagamore Parkway <i>EB bridge over Wabash R.</i>	Bridge Replacement	0400774	INDOT Review, FY '14 TIP, STIP
US 52 <i>0.21 to 3.21 mi N US 231</i>	HMA Functional Overlay	0800132	INDOT Review, FY '14 TIP, STIP
US 52 <i>9th, 18th, 22nd, 26th, Elston & Old 231</i>	Traffic Signal Maintenance	1172176	INDOT Review, FY '14 TIP, STIP
Old US 52 <i>WB Br. over Wabash R.</i>	Bridge Deck Replacement	1298387	INDOT Review, FY '14 TIP, STIP
US 52 <i>Bridge over Elliott Ditch</i>	Repair/Replace Joints	1400460	INDOT Review, FY '14 TIP, STIP
US 52 <i>Montmorenci to Cumberland</i>	Surface Treatment	1401315	INDOT Review, FY '14 TIP, STIP
US 231/52 <i>NB Bridge over Wabash R.</i>	Scour Protection	1382313	INDOT Review, FY '14 TIP, STIP

LOCATION	PROJECT TYPE	DES. NO.	SUPPORTING DOCUMENTATION
US 231/52 SB Bridge over Wabash R.	Scour Protection	1382314	INDOT Review, FY '14 TIP, STIP
US 231 Over Romney Farley Ditch	Bridge Deck Overlay	1400554	INDOT Review, FY '14 TIP, STIP
US 231 0.97 miles north of SR 28	Bridge Replacement	1400217	INDOT Review
Old 443 Bridge over Old US 52	Bridge Deck Replacement	1298394	INDOT Review, FY '14 TIP, STIP
I-65 On Swisher Road	Bridge Deck Overlay	0710471	District Review, FY '14 TIP, STIP
I-65 NB Br.. over Wabash R.	Bridge Deck Replacement	1005681	INDOT Review, FY '14 TIP, STIP
I-65 SB Br.. over Wabash R.	Bridge Deck Replacement	1005682	INDOT Review, FY '14 TIP, STIP
I-65 NB Br.. over Lauramie Creek	Deck Replacement/Widening	1006281	INDOT Review, FY '14 TIP, STIP
I-65 SB Br.. over Lauramie Creek	Deck Replacement/Widening	1006282	INDOT Review, FY '14 TIP, STIP
I-65 CR 600N NB & SB bridges	Bridge Deck Replacement	1296949	INDOT Review, FY '14 TIP, STIP
I-65 NB Bridge over NS Railroad	Repair/Replace Joints	1400467	INDOT Review, FY '14 TIP, STIP
I-65 NB Bridge over SR 38	Bridge Maintenance & Repair	1400468	INDOT Review, FY '14 TIP, STIP
I-65 NB Br. over Burnett Creek	Repair/Replace Joints	1400469	INDOT Review, FY '14 TIP, STIP
I-65 SB Br. over Burnett Creek	Repair/Replace Joints	1400470	INDOT Review, FY '14 TIP, STIP
I-65 NB Br. over Prophets Rock	Bridge Maintenance & Repair	1400523	INDOT Review, FY '14 TIP, STIP
I-65 SB Br. over Prophets Rock	Bridge Maintenance & Repair	1400524	INDOT Review, FY '14 TIP, STIP
I-65 SB Br. over CSX Railroad	Bridge Maintenance & Repair	1400535	INDOT Review, FY '14 TIP, STIP
I-65 NB Br. over SR 43	Bridge Maintenance & Repair	1400536	INDOT Review, FY '14 TIP, STIP
Wabash Heritage Trail In Prophetstown Park	Trail Construction	0810383	State Park Master Plan, FY '14 TIP, STIP
CR 750E At NS Railroad Crossing	Crossing Improvements	1382732	Railroad Section, FY '14 TIP & STIP
Various Locations ---	Underwater Bridge Inspection	1297250	INDOT Review
Various Locations ---	Load Rating Inspections	1297251	INDOT Review

MM: Major Moves
STIP – Indiana DOT TIP
MTP: 2040 Transportation Plan
TIP: Transportation Improvement Program

Appendix 10: CityBus CY 2012, 2013, 2014 & 2015 Capital Project Lists & TIGGER Projects

Section 5307 Capital Expenditures for CY 2012

1. REPLACEMENT BUS TIRES - \$62,500

Des #1172678

With over 1.5 million miles of service operated on annual basis and mileage scheduled to increase due to service needs in the community and the Purdue University service area, this request constitutes replacement of tires on approximately 50% of the full size coaches. Six tires are required for each bus. The expected life of the tires is over one (1) year considering the average mileage occurring on each bus annually. Budgeted amount for tires for each unit is \$1,860. The total budget for tires is \$62,500.

2. BUS OVERHAUL

A. Rebuild up to two (2) Bus Engines - \$12,500

Des #1172679

Based on 2011 and similar experience in previous years, CityBus anticipates the need for up to two (2) engine rebuilds in 2012 at an average cost of \$11,250 each (\$50,000 each new).

B. Rebuild up to four (4) Bus Transmissions - \$25,000

Des #1172680

Based on 2011 and similar experience in previous years, CityBus anticipates the need for up to four (4) transmission rebuilds. Estimated average cost of each transmission is \$6,250.

C. Rebuild up to twenty Major Bus Components - \$25,000

Des #1172681

Based on 2011 and similar experience in previous years, CityBus anticipates the need for up to twenty (20) units to be rebuilt in FY 2012 such as turbochargers, alternators, ECM's, fuel pumps etc. Estimated average cost of each unit rebuild is \$1,250 per unit for a total cost of \$25,000.

3. MAINTENANCE EQUIPMENT - \$5,000

Des #1297243

Some maintenance equipment is in need of replacement, and due to new technology, some new equipment is needed to complete the varied types of repairs encountered by technicians. The proposed budget for this line item is \$5,000.

4. PASSENGER SHELTERS - \$15,000

Des #1297244

The need exists for additional shelters on the campus routes where large groups of riders are waiting for the bus and in areas of Lafayette where new routing has occurred. The total budgeted cost will include purchase and installation for approximately \$15,000.

5. REHAB BUILDING OVERHEAD DOORS - \$25,000

Des #1297245

Glass panels and controllers on many of the overhead doors are in need of rehab or replacement after years of use seven (7) days a week. The proposed budget is \$25,000.

6. COMPUTER HARDWARE AND SOFTWARE UPGRADES- \$30,000

Des #1172684

A continuous investment must be made in up-to-date computer technology for administrative and maintenance employees. Many computer systems need to be replaced or updated every two or three years in order for employees and systems to operate efficiently and effectively. Estimated cost is \$30,000

7. REPLACE OFFICE FURNISHINGS AND CARPETING - \$5,000

Des #1297246

Some office furnishings are over 35 years old and in need of replacement. The proposed budget for this line item is \$5,000.

8. REPLACEMENT ACCESS VEHICLE - \$62,500

Des #1382671

The need exists for replacement of one (1) demand response (Access) vehicle. Vehicle #440 is a 2006 Supreme paratransit of a Ford chassis and it meets the requirements of FTA Circular 9030.1D in terms of age for replacement. The proposed budget for this line item is \$62,500.

9. REPLACE WINDOWS/CABINETS OF GLPTC'S LAFAYETTE CHILD CARE BUILDING - \$6,250

Des #1297247

Due to weathering and continuous use of the windows, cabinets, plumbing, heating and cooling equipment in the buildings at 218 Ferry St. and 385 Brown St., leased to Tippecanoe Child Care, the need exists for replacements. The proposed budget for this line item is \$6,250.

10. PURCHASE OF ONE (1) 40 FT FIXED ROUTE HYBRID BUS - \$710,500

Des #1172686

Because of the age and condition of the current buses in the fleet, CityBus desires to replace one (1) full size 40' diesel transit bus with one (1) 40' Hybrid transit bus. The bus being replaced is over 12 years in age, and meets the guidelines outlined in FTA Circular 9030.1A. The bus being replaced is # 1001. It was manufactured by GILLIG in 1998. The proposed budget for this line item is \$710,500.

<i>Project</i>	<i>Federal Share</i>	<i>Local Share</i>	<i>Total Cost</i>
Replace Bus Tires	50,000	12,500	62,500
Bus Overhaul			
Rebuild Bus Engines	10,000	2,500	12,500
Rebuild Bus Transmissions	20,000	5,000	25,000
Major Bus Components	20,000	5,000	25,000
Maintenance Equipment	4,000	1,000	5,000
Passenger Shelter	12,000	3,000	15,000
Rehab Overhead Doors	20,000	5,000	25,000
Computer Hardware & Software	24,000	6,000	30,000
Office Furniture & Carpet	4,000	1,000	5,000
Replacement Access Vehicle	50,000	12,500	62,500
Replace Windows & Cabinets	5,000	1,250	6,250
One Fixed Route Hybrid Bus	568,400	142,100	710,500
TOTAL	787,400	196,850	984,250

Section 5307 Capital Expenditures for CY 2013

1. REPLACEMENT BUS TIRES - \$62,500 *Des #1172687*
With over 1.5 million miles of service operated on an annual basis and mileage increasing due to the service agreement with Purdue University, this request constitutes replacement of tires on approximately 50% of the full size coaches. Six tires are required for each bus. The expected life of the tires is over one (1) year considering the average mileage run on each tire. Budgeted amount for tires for each unit is \$1,665.
2. BUS OVERHAUL
 - A. *Rebuild up to five (2) bus engines - \$12,500,* *Des #1172688*
Based on 2010 and similar experience in previous years, CityBus anticipates the need for up to two (2)
 - B. *Rebuild up to three (4) bus transmissions - \$25,000,* *Des #1172689*
Based on 2010 and similar experience in previous years, CityBus anticipates the need for up to four (4) transmission rebuilds.
 - C. *Bus rebuild components - \$25,000,* *Des #1172690*
Replacement components: turbo charge units, charge air coolers, alternators, ECM's, outboard planetary differentials, fuel pumps, and brake units. Based on 2008 and similar experience, up to two (2) units of each item may be needed.
3. COMPUTER HARDWARE AND SOFTWARE UPGRADES- \$25,000 *Des #1172692*
A continuous investment must be made in up-to-date computer technology for administrative and maintenance employees. Many computer systems need to be replaced or updated every two to three years in order for employees and systems to operate efficiently and effectively.
4. MAINTENANCE EQUIPMENT - \$5,000 *Des #1382132*
Some maintenance equipment is in need of replacement, and due to new technology, some new equipment is needed to complete the varied types of repairs encountered by technicians. The proposed budget for this line item is \$5,000.
5. REHAB BUILDING OVERHEAD DOORS - \$25,000 *Des #1382131*
Glass panels and controllers on many of the overhead doors are in need of rehab or replacement after years of use seven (7) days a week.
The proposed budget is \$25,000.
6. REPLACE OFFICE FURNISHINGS AND CARPETING - \$10,000 *Des #1382130*
Some office furnishings are over 35 years old and in need of replacement. The proposed budget for this line item is \$10,000.
7. REPLACEMENT FAREBOXES - \$325,000 *Des #1382133*
CityBus needs to replace the fareboxes on their fixed route buses. Technology upgrades will allow CityBus to increase fares in increments of less than \$1.00, accept fare cards in addition to bills and coins, and will recognize counterfeit coins which are found almost daily. This line item will replace approximately half of the fareboxes currently installed in the fixed route fleet. The proposed budget for this line item is \$325,000.
8. COMPRESSED NATURAL GAS (CNG) FUELING STATION - \$1,500,000 *Des #1382672 & 1382006*
CityBus desires to build a facility that will provide compressed natural gas (CNG) for CNG buses. This facility would be usable for the buses in the CityBus fleet and other municipalities that desire to refuel their CNG powered vehicles. This line item represents almost 49% of the total cost budgeted for the facility. The engineering tasks include the work necessary to acquire the equipment to operate a CNG station and provide specifications and drawings illustrating where all of the equipment is to be located, as well as all underground plumbing for the delivery of the gas to the dispenser. Additional engineering work will identify all the changes needed to store and maintain vehicles powered by CNG. The proposed budget for this line item is \$120,000 for engineering and \$1,380,000 for construction

9. SUPPORT VEHICLE - \$0, Des #1172693
 Replace the 2003 Ford Windstar. The support vehicle to be replaced was purchased in 2003. This vehicle will exceed the requirements of FTA Circular 9030.1A in terms of age for replacement.

10. BUS REPLACEMENT - \$1,914,232, Des #1172694
 Due to age and condition of several buses in the fleet, CityBus desires to purchase up to four (4) replacement full-sized transit buses. CityBus will replace the vehicles per FTA guidelines outlined in FTA Circular 9030.1A. The buses being replaced are over 12 years in age, and are becoming increasingly too expensive to maintain and be reliable. CityBus will replace Bus #1006 through #1009 (1998 (Gilligs).

11. SAFETY AWARENESS CAMPAIGN - \$30,000 Des #1401150
(This project is funded through FHWA STP Funds)

This project expands a safety campaign that was initiated early in 2014. The campaign focuses on students, faculty and staff around the Purdue campus and its main goal is to heighten awareness regarding distracted pedestrians, cyclists and motorists as well as intoxicated driving. The project includes bus wraps, advertisement, flyers, cards, posters, T-shirts, windbreaks and a display.

<i>Project</i>	<i>Federal Share</i>	<i>Local Share</i>	<i>Total Cost</i>
Replacement Tires	50,000	12,500	62,500
Engine Rebuilds	10,000	2,500	12,500
Transmission Rebuilds	20,000	5,000	25,000
Bus Rebuild Components	20,000	5,000	25,000
Computer Hardware and Software Upgrades	20,000	5,000	25,000
Maintenance Equipment	4,000	1,000	5,000
Rehab Building Overhead Doors	20,000	5,000	25,000
Replace Office Furnishings & Carpet	8,000	2,000	10,000
Replace Fareboxes	260,000	65,000	325,000
CNG Fueling Station (Engineering)	96,000	24,000	120,000
CNG Fueling Station (Construction)	1,080,000	270,000	1,350,000
Support Vehicle	0	0	0
Bus Replacement	1,627,097	287,135	1,914,232
Safety Awareness Campaign	24,000	6,000	30,000
TOTAL	3,239,097	690,135	3,929,232

TIGGER Wind Energy Project

MAINTENANCE EQUIPMENT - \$14,982

Some maintenance equipment is in need of replacement, and due to new technology, some new equipment is needed to complete the various types of repairs encountered by technicians. The equipment includes replacement of the gas dispenser, non-skid coating bus hoist tops, rotary bridge jack and two vehicle maintenance hoses. The proposed budget for this line item is \$14,982

REPLACEMENT SUPPORT VEHICLE - \$56,350

CityBus needs a replacement for the 2001 Dodge Ram Truck used by maintenance for emergency servicing of buses on the street. This vehicle has exceeded the requirements of FTA Circular 9030.1D in terms of age for replacement. The proposed budget is \$56,350.

COMPUTER HARDWARE AND SOFTWARE UPGRADES - \$19,907

A continuous investment must be made in up-to-date computer technology for administrative and maintenance employees. Computer systems need to be replaced or updated every two or three years in order for employees and systems to operate efficiently and effectively. The upgrades include a network backup system network web filter, network copier/printer/scanner/fax and CAD/AVL server upgrade. The proposed budget for this line item is \$19,907.

<i>Project</i>	<i>Des #</i>	<i>Federal Share</i>	<i>Local Share</i>	<i>Total Cost</i>
Replacement Gas Dispenser	1382662	8,099	0	8,099
Non-Skid Coating, Bus Hoist Tops	1382663	2,046	0	2,046
Rotary Bridge Jack	1382664	4,130	0	4,130
Vehicle Maintenance Hose (x2)	1382665	797	0	797
Pickup Truck w/ Service Body	1172685	56,350	0	56,350
Network Backup System	1382666	6,678	0	6,678
Network Web Filter	1382667	1,124	0	1,124
Network Copier/Printer/Scan/Fax	1382668	5,567	0	5,567
CAD AVL Server Upgrade	1382670	6,538	0	6,538
	TOTAL	91,239	0	91,239

Section 5307 Capital Expenditures for CY 2014

1. REPLACEMENT TIRES - \$62,500 *Des # 1172695*
With over 1.5 million miles of service operated on annual basis and mileage scheduled to increase due to service needs in the community and the Purdue University service area, this request constitutes replacement of tires on approximately 50% of the full size coaches. Six tires are required for each bus. The expected life of the tires is over one (1) year considering the average mileage occurring on each bus annually. Budgeted amount for tires for each unit is \$1,860.
2. REBUILD UP TO FIVE BUS ENGINES - \$62,500 *Des #1172696*
Due to age, CityBus anticipates the need for up to five (5) engine rebuilds in 2014 at an average cost of \$12,500 each.
3. REBUILD UP TO FOUR BUS TRANSMISSIONS - \$25,000 *Des #1172697*
Based on 2013 and similar experience in previous years, CityBus anticipates the need for up to four (4) transmission rebuilds. Estimated average cost of each one is \$6,250.
4. REBUILD MAJOR BUS COMPONENTS - \$35,000 *Des #1172698*
Based on 2013 and similar experience in previous years, CityBus anticipates the need for up to twenty-eight (28) units to be rebuilt in FY 2014 such as turbochargers, alternators, ECM's, fuel pumps, etc. Estimated average cost of each unit rebuild is \$1,250 per unit for a total cost of \$35,000.
5. MAINTENANCE EQUIPMENT - \$5,000 *Des #1400652*
Some maintenance equipment is in need of replacement, and due to new technology, some new equipment is needed to complete the varied types of repairs encountered by technicians. The proposed budget for this line item is \$5,000.
6. SUPPORT VEHICLE - \$35,000 *Des #1172700*
Replace the 2001 Dodge truck. This vehicle will exceed the useful life requirements of FTA Circular 5010.D (and 9030.1E) in terms of age for replacement. The proposed budget for this line item is \$35,000.
7. COMPUTER HARDWARE AND SOFTWARE - \$25,000 *Des #1172699*
A continuous investment must be made in up-to-date computer technology for administrative and maintenance employees. Many computer systems need to be replaced or updated every two to three years in order for employees and systems to operate efficiently and effectively. Estimated cost is \$25,000.
8. REPLACE OFFICE EQUIPMENT AND FURNISHINGS - \$10,000 *Des #1400653*
Some office furnishings are over 35 years old and in need of replacement. The proposed budget for this line item is \$10,000.
9. REPLACEMENT FAREBOXES - \$325,000 *Des #1400654*
CityBus needs to replace the fareboxes on their fixed route buses. Technology upgrades will allow CityBus to increase fares in increments of less than \$1.00, accept fare cards in addition to bills and coins, and will recognize counterfeit coins which are found almost daily. This line item will replace approximately half of the fare boxes currently installed in the fixed route fleet. The proposed budget for this line item is \$325,000.
10. PURCHASE OF TWO (2) FIXED ROUTE BUSES - \$920,000 *Des #1172701*
Because of the age and condition of the current buses in the fleet, CityBus desires to replace six (6) full size diesel transit buses with six (6) replacement buses. The buses being replaced are over 12 years in age, and meet the guidelines for replacement outlined in FTA Circular 5010.1D (and 9030.1E). The buses being replaced are #1005, #1105, #1106, #1109, #1110, and #1112. They were manufactured by Gillig in 1998. The proposed budget for this line item and for Section 5339 fixed route bus replacement is \$2,108,235.

Note: the dollar amount shown does not include Section 5339 funds.

11. ELECTRIC LIGHTING UPGRADES – BUS GARAGE PARKING AREA - \$18,750 *Des #1400655*
 Adequate lighting is needed for the bus garage parking area. The lighting in the affected area of the bus garage is dim or nonexistent. The proposed budget for this line item is \$18,750.

12. RELOCATION OF CLEAR DIESEL PUMP - \$18,750 *Des #1400657*
 CityBus has an outdoor clear diesel pump, which over time has incurred significant exposure to weather conditions and no longer functions as originally intended. The pump would be moved indoors to an appropriate location in the fueling bay. The proposed budget for this line item is \$18,750.

	<u>Federal Share</u>	<u>Local Share</u>	<u>Total Cost</u>
Replacement Tires	50,000	12,500	62,500
Engine Rebuilds	50,000	12,500	62,500
Transmission Rebuilds	20,000	5,000	25,000
Bus Rebuild Components	28,000	7,000	35,000
Maintenance Equipment	4,000	1,000	5,000
Support Vehicles	28,000	7,000	35,000
Computer Hardware/Software Upgrade	20,000	5,000	25,000
Replace Office Equipment & Furnishings	8,000	2,000	10,000
Replacement Fareboxes	260,000	65,000	325,000
Purchase of Five Fixed Route Buses	782,000	138,000	920,000
Electrical Lighting Upgrades	15,000	3,750	18,750
Relocation of Clear Diesel Pump	15,000	3,750	18,750
TOTAL	1,280,000	262,500	1,542,500

Section 5339 Capital Expenditure, Justification & Summary for CY 2014

1. PURCHASE FIVE (5) PARATRANSIT VEHICLES - \$380,000 *Des #1400658*
 During 2013, due primarily to the local Area IV agency no longer being able to provide transit service in mid-year, monthly paratransit ridership increased an average of 16.7% from the same periods in 2012 for the months of July-December, with two months showing 20% ridership increases from the prior year. The average age of the demand response fleet is 7 years. Except for two 2011 buses, all vehicles are older than seven years, which is the useful life for medium-size, medium-duty transit buses per FTA Circular 5010.1D. Average demand response fleet mileage at December 31, 2013 was 149,063 miles/fleet vehicle. Current fleet vehicles are increasingly expensive to properly maintain.

2. PURCHASE OF FOUR (4) FIXED ROUTE BUSES - \$1,691,775 *Des #1172701*
 Project justification can be found under the Section 5307 project list, project number 10.

Note: the dollar amount shown does not include Section 5307 funds.

Section 5307 Capital Expenditures for CY 2015

1. REPLACEMENT TIRES - \$60,000 *Des #1172703*
With over 1.5 million miles of service operated on an annual basis and mileage increasing due to the service agreement with Purdue University, this request constitutes replacement of tires on approximately 50% of the full size coaches. Six tires are required for each bus. The expected life of the tires is over one (1) year considering the average mileage run on each tire. Budgeted amount for tires for each unit is \$1,765.

2. BUS OVERHAUL, \$113,000
 - a. *Rebuild up to four (4) bus engines - \$61,000* *Des #1172704*
Based on 2013 and similar experience in previous years, CityBus anticipates the need to rebuild up to five (5) engines at an average cost of \$15,250 each.

 - b. *Rebuild up to three (3) bus transmissions - \$150,00* *Des #1172705*
GLPTC's first hybrid diesel-electric buses were purchased in 2007 and are now seven years old. GLPTC needs to program additional federal funding for the rebuilding of transmissions as a contingency should hybrid transmission need to be rebuild in FY 2015.

 - c. *Bus rebuild components - \$28,000* *Des #1172706*
Replacement components: turbo charge units, charge air coolers, alternators, ECM's, outboard planetary differentials, fuel pumps, and brake units. Based on the previous years' experience, up to two (2) units of each item may be needed at the average cost of \$2,000 each.

3. COMPUTER HARDWARE AND SOFTWARE, \$30,000 *Des #1172707*
A continuous investment must be made in up-to-date computer technology for administrative and maintenance employees. Many computer systems need to be replaced or updated every two to three years in order for employees and systems to operate efficiently and effectively

4. SUPPORT VEHICLE - \$35,000 *Des #1172708*
Replace the 2003 Ford F-250 Truck. This vehicle will exceed the requirements of FTA Circular 9030.1A for age for replacement.

5. BUS REPLACEMENT - \$3,167,500 *Des #1172709*
GLPTC is increasing the quantity of full-sized buses to be replaced in 2015 from three to six. GLPTC will replace the vehicles per FTA guidelines outlined in FTA Circular 9030.1D. The buses being replaced will be over 12 years in age. The buses being replaced are 1998 Gilligs, buses number 1001, 1002, 1003, 1005, and 1999 Gilligs 1101 and 1102.

6. TEN FAREBOXES - \$140,000 and GENFARE DATA SYSTEM - \$15,000 *Des #1500325 & 1500326*
GLPTC is replacing outdated fareboxes that have been in use since the 1980s. In 2014, GLPTC replaced 48 units with new SPX Genfare Odyssey Fareboxes. For this project, GLPTC will procure ten additional fareboxes to complete installation across the entire fleet. The new technology validates coins and bills, providing a more accurate count of GLPTC's revenue, and offers the ability to offer new fare options. The data system is used to organize and manage data collected in the fareboxes and generates reports on revenue, ridership, farebox maintenance, security, and other management issues. The outdated data system will be replaced.

7. ACQUIRE PROPERTY - \$350,000 *Des #1500327*
GLPTC seeks to acquire property for future expansion of its administration and maintenance facilities.

8. REHABILITATE ADMINISTRATION FACILITY - \$50,000 *Des #1500328*
Updates are needed to make the main entrance to the administration facility fully ADA accessible.

9. ELECTRONIC WAYSIDE SIGNS - \$100,000

Des #1500329

GLPTC will install electronic signage inside shelters and at bus stops. These signs display real-time departure information for transit riders.

10. BIKE REPAIR STATION AT CBC - \$15,000

Des #1500330

Bicyclists are using transit in increasing numbers. Each fixed route bus is equipped with a bike rack and bicycle parking is provided at CityBus Center (CBC), the bus transfer station located in downtown Lafayette. A bike repair station will be made available for public use. The station will include air for tires and basic tools for making simple repairs.

11. CHARGING STATION AT CBC - \$5,000

Des #1500331

The lobby at CityBus Center is a place where passengers wait between trips on local fixed route buses and commuter lines such as Greyhound. Because riders are using mobile electronic devices to access transit information, GLPTC will provide a station of electrical outlets so that riders can plug their devices in for charging while they are using the center.

12. PUBLIC ART PROJECT AT CBC - \$20,000

Des #1500332

The CityBus Center plaza area is a public space which can be enhanced by public art. GLPTC will acquire art for installation on the plaza and inside the lobby area.

13. SHELTERS - \$30,000 AND SHELTER LIGHTING - \$30,000

Des #1500333 & 1500334

GLPTC will install passenger shelters at bus stops and will install solar lighting systems to enhance public safety.

<u>Item #</u>	<u>Project</u>	<u>Federal Share</u>	<u>Local Share</u>	<u>Total Cost</u>
1	Replacement Tires	48,000	12,000	60,000
2a	Bus Overhaul, Rebuild Engines	48,800	12,200	61,000
2b	Bus Overhaul, Rebuild Transmissions	120,000	30,000	150,000
2c	Bus Overhaul, Rebuild Components	22,400	5,600	28,000
3	Computer Hardware & Software	24,000	6,000	30,000
4	Support Vehicle	28,000	7,000	35,000
5	Bus Replacement	2,534,000	633,500	3,167,500
6	Ten Fareboxes	112,000	28,000	140,000
7	Genfare Data System	12,000	3,000	15,000
8	Acquire Property	280,000	70,000	350,000
9	Rehabilitate Administration Facility	40,000	10,000	50,000
10	Electronic Wayside Signs	80,000	20,000	100,000
11	Bike Repair Station at CBC	12,000	3,000	15,000
12	Charging Station at CBC	4,000	1,000	5,000
13	Public Art Project at CBC	16,000	4,000	20,000
14	Shelters	24,000	6,000	30,000
15	Shelter Lighting	24,000	6,000	30,000
	Total	3,420,200	857,300	4,286,500

Appendix 11, Public Notices

January 23, 2015

Funding Transportation Projects Public Notice

The staff of the Area Plan Commission (APC) is developing the Fiscal Year 2016–2019 Transportation Improvement Program (TIP) for the Lafayette, West Lafayette, and Tippecanoe County area. This posting notifies the general public that a TIP is being developed, requests comments and invites questions concerning its contents.

The TIP lists all local and state transportation projects proposed within Tippecanoe County over the next four years. This includes projects sponsored by Lafayette, West Lafayette, Tippecanoe County, Clarks Hill, Dayton, Battle Ground, CityBus, the Purdue University Airport and INDOT.

Because the Lafayette, West Lafayette, and Tippecanoe County area receives a limited amount of federal funds, the Area Plan Commission, at INDOT's request, developed a Five Year Production Schedule. The Production Schedule is financially constrained and it shows how our federal funds and unspent funds from prior years will be spent during the period of the TIP. The Technical Transportation Committee will review, discuss and endorse the Five Year Production Schedule at its February 18, 2015 meeting, at 2:00 p.m. in the Lafayette City Hall, second floor conference room. The Production Schedule is available upon request.

After the Production Schedule is endorsed, APC staff will develop the draft TIP. That draft document will then be reviewed by the Technical Transportation, Citizen Participation, and Administrative Committees before review and adoption by the Policy Board. Another public notice will be posted with the dates and times of the Citizens Committee and Policy Board meetings. All meetings are open to the public and comments are welcomed and encouraged.

All available project information can be viewed in the office of the Area Plan Commission of Tippecanoe County at 20 North 3rd Street, Lafayette Indiana, and at www.tippecanoe.in.gov/apc, on the Transportation Planning page. If you have any questions or comments pertaining to the TIP, please direct them to:

Doug Poad
Senior Planner - Transportation
Area Plan Commission of Tippecanoe County
20 North 3rd St.
Lafayette, IN 47901
(765) 423-9242
Fax: (765) 423-9154
email: dpoad@tippecanoe.in.gov

Reference Number: 2015-011

March 9, 2015

Funding Transportation Projects Public Notice

The staff of the Area Plan Commission (APC) is developing the Fiscal Year 2016–2019 Transportation Improvement Program (TIP) for the Lafayette, West Lafayette, and Tippecanoe County area. This posting invites citizens to a public meeting to review, provide comments and ask questions about the document and the projects being included for funding.

The draft document will be presented at the Citizen Participation Committee (CPC) meeting on March 24, 2015, at 7:00 pm, in the Grand Prairie Room, Tippecanoe County Office Building.

The document lists local road, state highways, transit, bicycle, and pedestrian projects proposed within Tippecanoe County over the next four years. Since the Lafayette, West Lafayette, and Tippecanoe County area receives a limited amount of federal funds, a prioritized list of projects was developed. The list, based on the Five Year Production Schedule, will be presented. The TIP includes a discussion of Complete Streets, Environmental Justice, the Financial Summary and Plan, and a project status report.

All available information, including the draft document, can be viewed in the office of the Area Plan Commission of Tippecanoe County at 20 North 3rd Street, Lafayette Indiana, and at www.tippecanoe.in.gov/apc, on the Transportation Planning page. If you have any questions or comments pertaining to the TIP, please direct them to:

Doug Poad
Senior Planner - Transportation
Area Plan Commission of Tippecanoe County
20 North 3rd St.
Lafayette, IN 47901
(765) 423-9242
Fax: (765) 423-9154
email: dpoad@tippecanoe.in.gov

Reference Number: 2015-040

April 30, 2015

Funding Transportation Projects Public Notice

The Staff of the Area Plan Commission (APC) is developing the Fiscal Year 2016-2019 Transportation Improvement Program (TIP) for the Lafayette, West Lafayette, and Tippecanoe County area. This notice is provided as a part of our citizen participation process and invites citizens to review, comment and ask questions about the projects being included for funding.

The draft TIP is now complete and is available for review and comment. The document includes lists of local and state road projects, transit projects, and the community's priorities. It also identifies which transportation projects will receive our local federal transportation funds.

On Thursday May 14, 2015, at 2:00 p.m., the Administrative Committee, acting as the policy board of the Metropolitan Planning Organization for Lafayette, West Lafayette and Tippecanoe County will review and possibly act upon the adoption of the Fiscal Year 2016-2019 TIP. The Administrative Committee meets in the Board of Public Works Room in the Lafayette City Hall, 20 North 6th Street, Lafayette Indiana. The building and room are handicapped accessible. The hearing maybe continued from time to time as necessary.

All available information, including the draft TIP, can be viewed in the office of the Area Plan Commission of Tippecanoe County at 20 North 3rd Street, Lafayette Indiana, and on line at www.tippecanoe.in.gov/apc, on the Transportation Planning page. If you have any questions or comments pertaining to the TIP, please direct them to:

Doug Poad
Senior Planner - Transportation
Area Plan Commission of Tippecanoe County
20 North 3rd St.
Lafayette, IN 47901
(765) 423-9242
Fax: (765) 423-9154
email: dpoad@tippecanoe.in.gov

Reference Number: 2015-080

Appendix 12, Legal Notices and Press Release

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Prescribed by State Board of Accounts

General Form No. 99P (Rev. 2009A)

Area Plan Commission
15-29 Notice TIP Urban

Lafayette Leader
401 Main St. Suite F
Lafayette IN 47951

Lafayette County, Indiana

PUBLISHER'S CLAIM

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Charge for extra proofs of publication (\$1.00 for each proof in excess of two) -----

TOTAL AMOUNT OF CLAIM ----- \$ **30.46**

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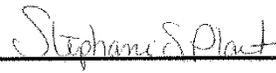
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I also certify that the printed matter attached hereto is a true copy, of the same column width and type size, which was duly published in said paper 1 times. The dates of publication being as follows:

1/22/15

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- Newspaper has a Web site, but due to technical problem or error, public notice was posted on
- Newspaper has a Web site but refuses to post the public notice.

Date 1/28/15



Stephanie Plant
Title: Authorized Agent
Kankakee Valley Publishing

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COUNTY OF TIPPECANOE)

TIPPECANOE COUNTY AREA PLAN
20 North 3rd Street
Lafayette, IN 47901

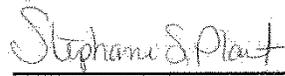
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The undersigned, Stephanie Plant, Legal Advertising Clerk of THE LAFAYETTE LEADER, a weekly newspaper of general circulation, printed in the English language and published in Lafayette, Indiana in said county; does hereby certify that the advertisement attached hereto is a true copy, which was duly

1 weeks. The first publication was on the 23rd
day of April, 2015. The final publication was on the
23rd day of April 2015

In addition, this Newspaper has a website and this public notice was posted on the same day as it was published in the newspaper.

Dated this 16th day of April, 2015.



Stephanie Plant, Legal Advertising Clerk

15-131 LL 4/23/15
NOTICE OF PUBLIC MEETING
To ADOPT the FY 2016 - 2019
TRANSPORTATION
IMPROVEMENT PROGRAM for
the GREATER LAFAYETTE
AREA METROPOLITAN PLAN-
NING ORGANIZATION

Notice is hereby given that the Policy Board of the Greater Lafayette Area Metropolitan Planning Organization, will hear and discuss comments prior to considering adoption of the Fiscal Year 2016-2019 Transportation Improvement Program (TIP) on May 14, 2015, at 2:00 p.m. in the Board of Public Works Room, Lafayette City Hall, 20 North 6th Street, Lafayette, Indiana.

A draft TIP containing the program of projects (both local and state), and other pertinent documentation can be viewed at the offices of the Area Plan Commission at 20 North 3rd Street, Lafayette, Indiana during normal office hours 8:00 a.m. to 4:30 p.m. A copy of the draft TIP is also available on the Area Plan Commission's web page: www.tippecanoe.in.gov/apc. Send comments to: apc@tippecanoe.in.gov.

Instead of speaking at the public meeting, written suggestions or objections to the TIP may be filed with the Executive Director of the Area Plan Commission at or before such meetings at the time and place designated. All written comments will be provided to the Policy Board for its consideration and made part of the record.

AREA PLAN COMMISSION
OF TIPPECANOE
COUNTY, INDIANA
BY /s/Sallie Dell Fahey
Executive Director
Date: 4/14/15
hspaxlp

Media Release

For Immediate Release

March 23, 2015

The Area Plan Commission of Tippecanoe County will present the draft Fiscal Year 2016-2019 Transportation Improvement Program at the March 24th Citizen Participation Committee meeting. The meeting is an opportunity for citizens to review, comment and ask questions about transportation improvements scheduled in the next four years.

The report lists all local road, state highways, transit, bicycle and pedestrian projects proposed within Tippecanoe County. Since the Lafayette, West Lafayette and Tippecanoe County area receives a limited amount of federal funds, a prioritized list of projects was developed. The list is based on the Five Year Production Schedule. The TIP also includes a discussion of Complete Streets, Environmental Justice, a Financial Summary and Plan and a project status report.

The draft document can be viewed in the office of the Area Plan Commission of Tippecanoe County at 20 North 3rd Street, Lafayette, Indiana, and at www.tippecanoe.in.gov/apc, on the Transportation Planning page.

Meeting details:

When: 7:00 pm, March 24, 2015

Where: Grand Prairie Room in the Tippecanoe County Office Building

For addition information, contact:

Doug Poad

Senior Planner – Transportation

Area Plan Commission of Tippecanoe County

20 North 3rd Street

Lafayette, IN

(765) 423-9242

dpoad@tippecanoe.in.gov

Appendix 13, Contact Letters

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

February 4, 2015
Ref. No. 2015-019

Rodney Hester, Owner
A2B Cab
3611 W 250N
West Lafayette, IN 47906

Dear Mr. Hester:

The staff of the Area Plan Commission of Tippecanoe County is developing the FY 2016-2019 Transportation Improvement Program (TIP) for Tippecanoe County. By this letter, we invite you to seek information, ask questions, make comments and express concerns regarding the content and development of this document.

As in previous TIPs, the document lists all local and state transportation projects proposed within Tippecanoe County over the next four years. This includes projects that will use federal funds, projects that are consistent with the 2040 Metropolitan Transportation Plan – Completing Our Streets, and other significant regional projects. At this time staff is compiling the lists of projects proposed by the State, cities, towns and county.

Since our area receives a limited amount of federal funds, the Area Plan Commission, at INDOT's request, developed a Five Year Production Schedule. The Production Schedule is financially constrained and it shows how our federal funds and unspent funds from prior years will be spent during the period of the TIP. The Technical Transportation Committee will review, discuss and endorse the Five Year Production Schedule at its February 18, 2015 meeting, at 2:00 p.m. in the Lafayette City Hall, second floor conference room. A copy of the Production Schedule is available upon request.

After the February meeting, the Area Plan Commission staff will develop the draft TIP. When complete, the draft TIP will then be reviewed by the Technical Transportation, Citizen Participation, and Administrative Committees before review and adoption by the Policy Board. You will receive separate notification of the date and time of the Policy Board meeting. All meetings are open to the public; we encourage your participation.

If you have questions or comments pertaining to development of the TIP, please direct them to:

Doug Poad, Senior Planner - Transportation
Area Plan Commission of Tippecanoe County
20 North 3rd St.
Lafayette, IN 47901
(765) 423-9242,
email: dpoad@tippecanoe.in.gov

Sincerely,


Sallie Dell Fahey
Executive Director

Planning for Lafayette, West Lafayette, Dayton, Battle Ground, Clarks Hill and Tippecanoe County

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

March 6, 2015
Ref. No. 2015-039

Rhonda Profrock, Area Supervisor
Grane Transportation
2322 S 30th St.
Lafayette, IN 47909

Dear Ms. Profrock:

Development of the FY 2016-2019 Transportation Improvement Program (TIP) for Tippecanoe County continues and we would like to invite you to a public meeting regarding the draft document. It will be presented at the Citizen Participation Committee meeting on March 24, 2015, at 7:00 pm, in the Grand Prairie Room, Tippecanoe County Office Building. The meeting is open to the public and your comments are welcomed and encouraged.

The document lists local road and state highways, transit, bicycle and pedestrian projects proposed within Tippecanoe County over the next four years. Since the Lafayette, West Lafayette and Tippecanoe County area receives a limited amount of federal funds, a prioritized list of projects was developed. The list, based on the Five Year Production Schedule, will be presented at the meeting. The TIP includes a discussion of Complete Streets, Environmental Justice, the Financial Summary and Plan, and a project status report.

All available information, including the draft document, can be viewed in the office of the Area Plan Commission of Tippecanoe County at 20 North 3rd Street, Lafayette Indiana, and at www.tippecanoe.in.gov/apc, on the Transportation Planning page. If you have any questions or comments pertaining to the TIP, please direct them to:

Doug Poad, Senior Planner - Transportation
Area Plan Commission of Tippecanoe County
20 North 3rd St.
Lafayette, IN 47901
(765) 423-9242,
email: dpoad@tippecanoe.in.gov

Sincerely,


Sallie Dell Fahey
Executive Director

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

April 30, 2015
Ref. No. 2015-079

Tyler Stroo, President
KBS Railroad
PO Box 119
Iroquois, IL 60945

Dear Mr. Stroo:

The Fiscal Year 2016-2019 Transportation Improvement Program (TIP) for the Lafayette, West Lafayette, and the Tippecanoe County area is nearing completion and we would like to provide you this brief status report.

All local government agencies, as well as the Indiana Department of Transportation, submitted their lists of transportation projects. The Technical Transportation Committee then reviewed the requests for funding using our local federal transportation funds and decided which projects to select. The draft document has been completed and is available for your review and comment. If you would like a paper copy mailed to you, please call. Otherwise, the draft document can be viewed and downloaded from the APC web site: <http://www.tippecanoe.in.gov/apc>, in the Transportation Planning Section.

On Thursday May 14, 2015, at 2:00 p.m., the Administrative Committee, acting as the policy board of the Metropolitan Planning Organization will review and possibly act upon the adoption of the TIP. The Committee meets in the Board of Public Works Room in the Lafayette City Hall, 20 North 6th Street, Lafayette, Indiana. The meeting is open to the public and I welcome your attendance and comments either prior to or at the meeting.

If you have any questions, comments or would like a copy of the draft document, please contact:

Doug Poad, Senior Planner - Transportation
Area Plan Commission of Tippecanoe County
20 North 3rd Street
Lafayette, IN 47901
(765) 423-9242, or Fax: (765) 423-9154

Sincerely,



Sallie Dell Fahey
Executive Director

Appendix 14, CPC Agenda

AREA PLAN COMMISSION

OF TIPPECANOE COUNTY

20 North 3rd Street
Lafayette, IN 47901-1209

(765) 423-9242
(765) 423-9154 [fax]

Sallie Dell Fahey
Executive Director

MEETING NOTICE

of the

CITIZEN PARTICIPATION COMMITTEE

DATE.....January 27, 2015
TIME.....7:00 PM
PLACE.....**Grand Prairie Room,**
County Office Building
20 North 3rd Street
Lafayette, IN

AGENDA

1. Approval of the minutes from the December 2th meeting
2. Feedback and Discussion from Last Month's Agenda
 - a. Pedestrian Crash Report (full report on APC website)
 - b. 5 year Production Schedule (full report on APC website)
 - c. INDOT's 18 Month Letting List and Update of Local Projects
3. Program
 - a. FY 2016-2019 Transportation Improvement Program and the 5 Year Production Schedule
 - b. Update on Cattail Trail and Happy Hollow
4. QUESTIONS, COMMENTS, AND SUGGESTIONS
5. ADJOURNMENT

Planning for Lafayette, West Lafayette, Dayton, Battle Ground, Clarks Hill and Tippecanoe County

AREA PLAN COMMISSION

OF TIPPECANOE COUNTY

20 North 3rd Street
Lafayette, IN 47901-1209

(765) 423-9242
(765) 423-9154 [fax]

Sallie Dell Fahey
Executive Director

MEETING NOTICE

of the

CITIZEN PARTICIPATION COMMITTEE

DATE March 24, 2015
TIME 7:00 PM
PLACE..... **Grand Prairie Room,**
County Office Building
20 North 3rd Street
Lafayette, IN

AGENDA

1. Approval of the minutes from the January 27th meeting
2. Feedback and Discussion from Group Representatives
 - a. FY 2016-2019 Transportation Improvement Program and the 5 Year Production Schedule
 - b. Update on Cattail Trail and Happy Hollow
3. Program
 - a. Review of INDOTs Road Rehabilitation project on US 52 (Old SR 25) from Old Romney Road to 30th Street (includes Teal Rd.)
 - b. 2016-2019 Transportation Improvement Program
(http://www.tippecanoe.in.gov/egov/documents/1425401107_6981.pdf)
Action: Vote to recommend to the Area Plan Commission
 - c. INDOT 18 Month letting list
4. QUESTIONS, COMMENTS, AND SUGGESTIONS
5. ADJOURNMENT

Planning for Lafayette, West Lafayette, Dayton, Battle Ground, Clarks Hill and Tippecanoe County

Appendix 15, Stakeholder Mailing List

Name	Organization
Aaron Madrid	Bicycle Lafayette
Aida Munoz	Latino Center for Wellness & Education
Amanda Johnson	Hey Taxi
Andrea Schmidt	Vinton Woods
Andrew Hirsch	Wabash River Cycle Club
Ann Ginda	St Mary's Neighborhood
Bill Glick	The Center at Jenks Rest
Bill Pate	Pate Trucking
Bob Fox	Fox Hauling Conveying
Brenda Mundell	Vinton Highlands
Bret Dunlap	Norfolk Southern
British Cooksey	Foodliner Quest
Bruce Rush	Fed Ex Freight
Bud Spurlock	Spurlock Bud Enterprise Inc
Cheryl Parker	Edgelea Neighborhood Watch
Cindy Good	Vinton Highlands
Curt Ashendel	West Lafayette Bike & Ped Committee
Cyndi Meacham	Wabash River Runners Club
Dane Lagrange	Express Air Coach INC
Darrell Clase	TIP Emergency Ambulance
Dave Ferney	Transport Service Co.
Dixie Harper	Reservation
Donna Brassie	Columbian Park Neighborhood
Donna Lyon	Mobility for Area Citizens
Ed Armstrong	Sanctuary Neighborhood
Elva James	Area IV Agency on Aging and Community Services
Garnett Powell	McLeod Express
Geveva Werner	Vinton Neighborhood
Jack Peetz	Shaffer Trucking
Jason Jordon	Cassens Transport
Jeff Florian	Lafayette Limo
Jerri Parks	Glenn Acres
Jim Calloway	Imperial Travel Service
Jim Noonan	Wallace Triangle
Jim Schuster	Shaffer Trucking
Jim Watson	Schilli Specialized Flatbed Division
John Flack	Four Star Taxi
John Fry	Bicycle Lafayette
John Welch	CSX
Jon Paddack	Paddack Bros Inc
Karen Moyars	International Center

Name	Organization
Kathy Peck	Star Ambulance
Ken Dwigans	Venture Logistics
Ken McCammon	Centennial Neighborhood
Kevin Conroy	Greyhound
Kim Ketterer	Vinton Woods
Kyle Gingrich	Perrin Neighborhood
Larry Earnhart	Carry Transit
Laura Bartrom	St Lawrence-McAllister
Linda Shaw	Wabash Neighborhood
Lynn Nelson	South Oakland Neighborhood
Mark Smith	American Enterprise
Matilda Stokes	NAACP Branch 3056
Matt Goodwin	Precision Motor Transport Group
Mike Simpson	River Oaks Neighborhood
Nathan Metz	Prompt Ambulance
Paul Hensle	Monon Neighborhood
Randy Anderson	St Lawrence-McAllister
Randy Schoen	St Mary's Neighborhood
Renee Thomas	Black Cultural Center PU
Rhonda Profock	Grane Transportation
Ritch Winstead	Winstead Enterprise
Rodney Hester	A2B Cab
Rosemarie Evers	Historic Jefferson
Sandy Cornell	Brady Lane/Pipers Glen
Shelly Opperman	Historic Ninth Street Hill
Sherry Manny	Medaport Inc
Steve Smith	Valley Center Neighborhood
Tammy Kennedy	Liquid Transport Corp
Thomas R Schilli	Schilli Trans Services Inc
Tom Terhammer	High Tech Trucking
Tyler Stroo	KB&S Railroad
William Jenkins	Locomotives Taxi

**TIP Amendment # 1
June 1, 2015**

Request by INDOT

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

June 1, 2015
Ref. No.: 2015-110

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 '14-'17 and FY '16-'19 TIPs. There are four parts to this modification and they are individually spelled out below.

- 1) An emergency request has been received from INDOT's Environmental Management Section to modify both TIPs. The request involves programing the monitoring work needed for the environmental mitigation project that was completed within Prophetstown State Park, des #0901664. The site must be monitored and maintained for a minimum of five years or until the site meets the success criteria established in the permits.

The total cost of the monitoring by year is:

2015: \$223,766,
2016: \$178,760,
2017: \$158,500,
2018: \$142,250, and
2019: \$122,000

NHS federal funds will be used and federal/state funding split is 80/20.

- 2) The second modification is per request of the Crawfordsville District Office. The District Office and the City of West Lafayette are in the process of transferring the balance of High Priority Project funds from Phase 1, Part 1 to Phase 1, Part 2 (PE phase) of the Perimeter Parkway project. Both TIPs currently show the anticipated year as 2015. This modification changes the date from 2015 to 2015/16. The project des number is 1005930. There are no changes in the funding amounts.
- 3) The third modification addresses some incorrect wording in last TIP modification letter dated May 12, 2015, reference number 2015-088. The second modification states that the \$40,000 in STP funds should be reallocated from construction engineering to construction of the John Myers

Bridge project. The letter should have stated that the funds should be transferred to the Klondike Road, des #1173626, right-of-way phase. The table on page two is correct.

- 4) This last modification is to the County Bridge Inspection Program, Des #1382391. On April 6, 2015, the Tippecanoe County Commissioners signed a supplemental agreement in regard to the Annual Bridge Inspection Program. The agreement signed last fall did not contain a specific dollar amount due to several unknowns including which bridges would need to be inspected after the relinquishment of various INDOT bridges and the impact of new standards imposed after the Minneapolis bridge collapse. The total contract amount is \$740,374 with a federal share of \$666,337 and a local match of \$74,037.

The TIP document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Sandra Bowman, INDOT
Jeanette Wilson, INDOT
Dave Buck, Public Works Director, City of West Lafayette
Opal Kuhl, Executive Director, Tippecanoe County Highway Department
Jenny Leshney, City Engineer, City of Lafayette

**TIP Amendment # 2
July 9, 2015**

Request by APC Staff

Resolution T-15-09

RESOLUTION TO AMEND THE
FY 2016-2019 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 and include all local and state transportation projects for which US Department of Transportation funds are being requested, and

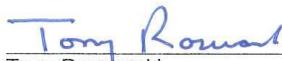
WHEREAS, the Area Plan Commission staff has requested changes to the FY 2016-2019 Transportation Improvement Program as follows:

<u>Project</u>	<u>Year</u>	<u>Federal Funding</u>	<u>Phase</u>	<u>Federal Share</u>	<u>Local Share</u>	<u>Total Cost</u>
North Street, des # 1172413	2016	STP PYB	PE	26,400	6,600	33,000
North Street, des # 1172413	2016	STP PYB	RW	103,200	25,800	129,000
North Street, des # 1172413	2017	STP	CN	320,000	80,000	400,000
Klondike Road, des # 1173626	2016	STP PYB	RW	616,360	154,090	770,450
Klondike Road, des # 1173626	2017	STP	RW	525,600	131,400	657,000
John T Myers Bridge, des # 1172458	2016	STP & PYB	CN	145,040	36,260	181,300
River Rd at CR 500N, des # 1401279	2016	HSIP PYB	RW	180,000	20,000	200,000
S. 18 th St Ped Xing, des # 1172009	2016	HSIP	CN	121,533	13,504	135,037
S. 18 th St. Ped Bridge, des #	2016	TAP	CN	209,454	52,364	261,818

WHEREAS, the Technical Transportation Committee reviewed the requests at its June 17, 2015 meeting and recommended their inclusion in the FY 2016-2019 Transportation Improvement Program, and

NOW THEREFORE BE IT RESOLVED that the Policy Board of the Metropolitan Planning Organization does hereby adopt these amendments to the FY 2016-2019 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday the 9th of July, 2015.



Tony Roswarski
President



Sallie Dell Fahey
Secretary

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

July 14, 2015
Ref. No.: 2015-150

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

Dear Susie:

On July 9, 2015, the Policy Board amended the FY 2016-2019 TIP by Resolution T-15-09. There are four parts to this amendment and they are individually spelled out below.

- 1) The Town of Battle Ground requested an amendment to its North Street project, des #1172413. The Town requested STP funds for additional preliminary engineering and for a right-of-way phase in FY 2016. The federal funds will come from the Klondike Road right-of-way phase, des #1173626. Additionally, there's a reallocation of FY 2017 STP funds. STP funds allocated to the North Street project construction phase were reduced with the balance going to Klondike Road right-of-way. Specific details can be found in the attached staff report.
- 2) The second part of this amendment reallocates \$142,040 in FY 2016 STP funds from the Klondike Road project, des #1173626 to the John T. Myers pedestrian bridge project, des #1172458. Specific details can be found in the attached staff report.
- 3) The third part of this amendment changes a project phase. Before this amendment, preliminary engineering was programmed in FY 2016 for the River Road at CR 500N project, des #1401279. This amendment changes the project phase to right-of-way.
- 4) This last part of the amendment allocates the additional FY 2015 federal funds that were announced in early May. The remaining \$3,000 in STP funds was allocated to the John T. Myers bridge project, des # 1172458. The additional \$33 in HSIP funds was allocated to the South 18th Street pedestrian crossing project, des #1172009. Finally, the additional \$16 in TAP funds was allocated to the South 18th Street pedestrian bridge project, des #1172009.

The TIP document will be updated and then placed on the APC web page:
www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if
you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Jeanette Wilson, INDOT
Steve Egly Town of Battle Ground
Jenny Leshney, City of Lafayette
Opal Kuhl, Executive Director, Tippecanoe County Highway Department

FY 2014-2017 & FY 2016-2019 TIP Amendment
Area Plan Commission Staff

Staff Report
July 2, 2015

BACKGROUND AND REQUEST:

APC staff requests an amendment to the FY 2014-2017 and FY 2016-2019 TIPs. There are four parts to the amendment.

1. North Street, des # 1172413

The Town of Battle Ground is developing plans to improve North Street (SR 225). Improvements include reconstructed sidewalks, ADA access, improved drainage and parking. Construction is targeted for FY 2017.

The Town requested \$129,600 in Federal STP funds for additional preliminary engineering and for the right-of-way phase, both for FY 2016. Since all the FY 2016 STP funds were allocated, the County agreed to a swap. The County will provide funds to Battle Ground in FY 2016 and in return Battle Ground will provide a portion of its construction funds in FY 2017 to the County (money it no longer needs because of a change in scope). A summary of the reallocation is shown in the following table.

Project	FY 2016		Project	FY 2017	
	Before	After		Before	After
North St. (PE)	\$0	\$26,400	North St. (CN)	\$845,600	\$320,000
North St. (RW)	\$0	\$103,200	Klondike (RW)	\$0	\$525,600
Klondike (RW)	\$888,000	\$758,400			

2. John T Myers Bridge, des # 1172458

As work progressed on the John T. Myers Bridge over the Wabash River and the pedestrian bridge over the railroad corridor, construction crews discovered additional work that must be addressed.

This amendment is a follow up to the May 12, 2015 Administrative TIP Modification and re-establishes the funds needed to supplement existing FY 2015 construction funds for the Myers Bridge project. This amendment allocates \$142,040 in FY 2016 STP funds (temporarily parked in the Klondike right-of-way phase) to the construction phase of the Myers Bridge project. The following table summarizes the changes.

Project	FY 2016	
	Before	After
Myers Bridge (CN)	\$0	\$142,040
Klondike (RW)	\$758,400	\$616,360

3. River Road at CR 500N, des # 1401279

Highway Safety Improvement Program (HSIP) funds were allocated in the TIP for improvements at North River Road and CR 500N, and are scheduled as follows:

- \$180,000 for preliminary engineering in FY 2016,
- \$180,000 for right-of-way in FY 2018,
- \$422,576 for construction FY 2020 and
- \$422,756 for construction FY 2021.

The County started the preliminary engineering in FY 2015 with county funds and is far enough along to begin purchasing right-of-way in FY 2016, two years ahead of schedule. This amendment redirects all of the FY 2016 HSIP funds from preliminary engineering to right-of-way. The remaining schedule is unchanged.

Before any HSIP funds can be used, INDOT must review and approve projects eligible for safety funds. That process is currently under way with a Road Safety Audit completed on June 18th, the subsequent report now being written.

As the project progresses the Five-Year Production Schedule and TIP will be reviewed and the construction phase may be adjusted to an earlier date.

4. Additional Federal Funds

On May 7, 2015, INDOT Central Office notified staff that the Federal Highway Administration increased the obligation limitation of our FY 2015 federal funds. Our STP funds increased by nearly \$75,000 but our HSIP and TAP funds received only a miniscule increase. The following table shows the detailed information.

<i>Federal Funds</i>	<i>Original Apportionment</i>	<i>New Apportionment</i>	<i>Difference</i>
STP	\$3,779,731	\$3,854,570	\$74,839
HSIP	\$422,576	\$422,609	\$33
TAP	\$209,438	\$209,454	\$16

Because the notice came very late in the fiscal year INDOT is allowing MPOs to carry the additional funds over into FY 2016. The majority of STP funds (\$71,839) were temporarily programmed by the 5/12/15 Administrative TIP Modification (referred to in Item 2 above). The balance (\$3,000), as well as the new HSIP and TAP funds, is the subject of this amendment and must to be programmed.

Staff believes the \$3,000 needs to go to the Myers Bridge project, construction phase. Staff also believes the \$33 in HSIP needs to go to the South 18th Street pedestrian crossing project and the \$16 in TAP funds to the South 18th Street pedestrian bridge project.

The Technical Transportation Committee reviewed all of the above amendment requests at its June 17, 2015 meeting and recommended approval.

RECOMMENDATION:

Staff recommends approval of this amendment to the FY 2014-2017 and FY 2016-2019 Transportation Improvement Programs by adoption of the attached Resolution T-15-09.

**TIP Amendment # 3
August 28, 2015**

Request by City of Lafayette

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

August 28, 2015
Ref. No.: 2015-192

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 '16-'19 TIP in regard to the City of Lafayette's South 18th project (des #s 1172009 & 1297228). This modification shifts \$16,654 in STP PYB funds from the main project (1172009) to the pedestrian bridge project (1297228). These funds will be used for the bridge project's construction engineering.

The following table summarizes the change.

	Phase	Fund Type	Before Modification		After Modification	
			Federal Funds	Total Cost	Federal Funds	Total Cost
S. 18 th Street des #1172009	CN	STP	3,779,731	4,724,664	3,779,731	4,724,664
	CN	STP PYB	342,643	428,304	342,643	428,304
	CE	STP PYB	489,000	622,500	481,346	601,683
Pedestrian Bridge des #1297228	CN	TAP	209,454	261,818	209,454	261,818
	CE	STP PYB	0	0	16,654	20,817

The TIP document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,

Sallie Dell Fahey
Executive Director

cc: Jenny Leshney, City Engineer
Randy Walter, INDOT Central Office

**TIP Amendment # 4
September 10, 2015**

Request by INDOT & City of West Lafayette

Resolution T-15-10

RESOLUTION TO AMEND THE
FY 2016-2019 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 and include all local and state transportation projects for which US Department of Transportation funds are being requested, and

WHEREAS, the Indiana Department of Transportation and the City of West Lafayette requested changes to the FY 2016-2019 Transportation Improvement Program as follows:

Project	Year	Federal Funding	Phase	Federal Share	Local Share	Total Cost
US 52, des # 1500277	2017	NHS	CN	639,200	159,800	799,000
SR 26, des # 1296009	2016	NHS	PE	24,240	6,060	30,300
I-65, des # 1005681	2016	Interstate	PE	51,930	5,770	57,700
US 52, des # 0800132	2017	NHS	RW	64,000	16,000	80,000
US 231, des # 1400554	2016	NHS	CN	196,800	49,200	246,000
CR 750E, des # 1382732	2017	Safety	CN	287,000	0	287,000
US 52, des # 1172176	2017	Safety	CN	630,000	0	630,000
SR 26, des # 9608220	2017	NHS	CN	3,262,400	815,600	4,078,000
US 52, des # 0800132	2017	NHS	CN	4,368,800	1,092,200	5,461,000
I-65, des # 1005681	2017	Interstate	CN	5,760,000	640,000	6,400,000
I-65, des # 1005682	2017	Interstate	CN	5,760,000	640,000	6,400,000
Various, des # 1297250	2016	NHS	PE	480,000	120,000	600,000
	2017	NHS	PE	480,000	120,000	600,000
	2018	NHS	PE	320,000	80,000	400,000
	2019	NHS	PE	320,000	80,000	400,000
Various, des # 1297451	2016	NHS	PE	400,000	100,000	500,000
Prophetstown, Des # 0901664	2016	NHS	PE	322,101	80,525	402,626
	2017	NHS	PE	126,800	31,700	158,500
	2018	NHS	PE	112,200	28,050	140,250
	2019	NHS	PE	97,600	24,400	122,000
State Street Corridor Projects	2016- 2018	TIF	CN	0	60,000,000	60,000,000

Projects to be Removed from TIP:

Project	Project
I-65, des # 1400523	I-65, des # 1400470
I-65, des # 1400524	I-65, des # 1400535
I-65, des # 1400467	I-65, des # 1400536
I-65, des # 1400468	US 52, des # 1400460
I-65, des # 1400469	

WHEREAS, the Technical Transportation Committee reviewed the requests at its August 19, 2015 meeting and recommended their inclusion in the FY 2016-2019 Transportation Improvement Program, and

NOW THEREFORE BE IT RESOLVED that the Policy Board of the Metropolitan Planning Organization does hereby adopt these amendments to the FY 2016-2019 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday the 10th of September, 2015.



John Dennis
Vice President



Sallie Dell Fahey
Secretary

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

September 11, 2015
Ref. No.: 2015-223

Randy Walter, Transportation Planner/MPO Coordinator
INDOT Room N955-LP
100 North Senate Avenue
Indianapolis, IN 46204-2249

Dear Randy:

On September 10, 2015, the Policy Board amended the FY 2016-2019 TIP by Resolution T-15-10. INDOT's Central Office and the City of West Lafayette requested the amendments.

INDOT's request involves twenty three projects and it significantly changes Table 6, Funded Indiana Department of Transportation Projects. The changes ranged from adding a new project, adding new project phases, increasing funding, changing phase years, changing phase type, to removing projects. Details for each project are described in the attached staff report and resolution.

The City's request to program the State Street Corridor projects include reconstructing State Street, completing the Perimeter Parkway and one-way street conversions in the Village. All of the improvements will likely be funded through TIF funds; the estimated cost is sixty million dollars.

The TIP document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Dave Buck
Mark Albers
Susie Kemp

BACKGROUND AND REQUEST:

INDOT's TIP Amendment Request

The Indiana Department of Transportation requests an amendment to the FY 2016-2019 TIP. The request primarily modifies existing information in the TIP. The changes include programming new phases, increasing project costs, changing the project phase year, and changing the phase. The request also includes programming a new project and removing nine.

1. New Project

INDOT is planning major road work on US 52 and Teal Road from US 231 to 36th Street. The TIP currently shows two projects: the major reconstruction work and traffic signal improvements throughout the corridor. This amendment separates out a third project for the intersection of US 52 and South 4th Street. The total cost for this intersection improvement is \$799,000. INDOT is planning to use federal National Highway System (NHS) Funds (\$639,200) with a state match (\$159,800). The construction phase is programmed for FY 2017 and the des number is 1500277.

2. New Phase

INDOT requests programming federal and state funds for two new project phases. The first is a bridge project on SR 26 over the Coffee Run Creek just east of I-65 (project des #1296009). Both National Highway System (\$24,240) and State funds (\$6,060) will be used for preliminary engineering in FY 2016. The total cost is \$30,300.

The second is the I-65 northbound bridge deck replacement project over the Wabash River (des #1005681). Interstate Maintenance (\$51,930) and state (\$5,770) funds will be used for preliminary engineering in 2016. The total cost is \$57,700.

3. Increased Funding

There are three requests for increased funding. Additional funds are needed to purchase right-of-way for the reconstruction work on US 52 and Teal Road. The additional National Highway System funds are anticipated to be needed in FY 2017. The total cost of this second right-of-way phase is \$80,000 with federal participation of \$64,000 and a state match of \$16,000. The des number is 0800132.

The second project is the US 231 bridge over the Romney Farley Ditch. The TIP currently shows the total cost of the bridge deck overlay at \$62,000 with both federal NHS (\$49,600) and state (\$12,400) funds being used. The new estimated total cost is \$246,000. The federal portion increased to \$196,800 and the new state match at \$49,200. There are no changes to the type of federal funds used or the estimated construction date. The des number for this project is 1400554.

The third project is a safety project at the CR 750E railroad crossing in Buck Creek. The construction cost has increased by \$7,000 and the new total cost is \$287,000. Safety funds will still be used which pays for the entire cost of the project. The estimated construction date is still in FY 2017 and the des number is 1382732.

4. Change Year of Phase

The traffic signal modernization project that is part of the major road work on US 52 (Teal Road) is programmed in the TIP for construction in FY 2016. This amendment changes the fiscal year to FY 2017. The des number for this project is 1172176. There are no funding changes.

5. Increase Funding and Change Year of Phase

There are four projects that increase the funding as well as change the project phase year. Specific funding amounts are shown in the table below.

The first project is the SR 26 (des #9608220) replacement the bridge over the South Fork of the Wildcat Creek. The amount for construction has increased and the construction phase date has slipped from FY 2016 to FY 2017.

The second is the US 52 (Teal Road) project (des #0800132). Construction costs have increased and the date has slipped from FY 2016 to FY 2017. The work type has also changed from HMA Functional Overlay to Road Reconstruction.

Finally, INDOT had programmed replacing the decks of the I-65 north and south bound bridges over the Wabash River in FY 2018. The construction date has been moved up to FY 2017. Construction costs for both bridges have also increased by \$565,000 apiece. The project des numbers are 1005681 and 1005682.

Before and After Funding Information						
<i>Project</i>	<i>Current Federal</i>	<i>Current State</i>	<i>Current Total</i>	<i>After Federal</i>	<i>After State</i>	<i>After Total</i>
SR 26	\$3,074,400	\$768,600	\$3,843,000	\$3,262,400	\$815,400	\$4,078,000
US 52	\$4,064,800	\$1,016,200	\$5,081,000	\$4,368,800	\$1,092,200	\$5,461,000
I-65, NB Bridge	\$5,251,500	\$583,500	\$5,835,000	\$5,760,000	\$640,000	\$6,400,000
I-65, SB Bridge	\$5,251,500	\$583,500	\$5,835,000	\$5,760,000	\$640,000	\$6,400,000

6. Remove Projects

INDOT requests removing nine projects that are currently programmed in the TIP. The projects are located on I-65 and US 52 and all of them address bridge maintenance, repair and joint work. Their removal is due to the significant cost of the maintenance of traffic versus project benefit, specifically the high cost of maintaining two lanes of travel in both directions while the repairs are being made. The following projects are removed:

Route	Location	Des Number	Work Type
I-65	NB bridge over Prophets Rock Rd	Des # 1400523	Bridge Maintenance/Repair
I-65	SB bridge over Prophets Rock Rd	Des # 1400524	Bridge Maintenance/Repair
I-65	NB bridge over NS Railroad	Des # 1400467	Repair or Replace Joints
I-65	NB Bridge over SR 38	Des # 1400468	Bridge Maintenance/Repair

I-65	NB bridge over Burnett Creek	Des # 1400469	Repair or Replace Joints
I-65	SB bridge over Burnett Creek	Des # 1400470	Repair or Replace Joints
I-65	SB bridge over CSX / North 9th	Des # 1400535	Bridge Maintenance/Repair
I-65	NB bridge over SR 43	Des # 1400536	Bridge Maintenance/Repair
US 52	Bridge over Elliott Ditch	Des # 1400460	Repair or Replace Joints

7. Change Phases

The last request changes the project phase shown in the TIP from construction to preliminary engineering. The projects are: the underwater bridge inspections at various locations statewide (des #1297250); the bridge load rating inspections at various locations statewide (des #1297451); and the environmental mitigation at the Prophetstown State Park site (des #0901664). The type of federal funds used and the cost of projects for each fiscal year do not change.

INDOT also requested adding PE funds to the underwater bridge inspections for FY 2018 and FY 2019. The specific information is:

Project	Federal	State	Total	Fiscal Year
Underwater	320,000	80,000	400,000	2018
Bridge	320,000	80,000	400,000	2019
Inspections				

The City of West Lafayette’s TIP Amendment Request

West Lafayette is requesting a TIP Amendment for the State Street Corridor Projects. The projects include: A) State Street from new US 231 to Tapawingo Drive, B) Perimeter Parkway-Williams Street and its connection to Harrison, C) Perimeter Parkway-North and South River Road, D) One-Way Street Conversions in the Village, E) Perimeter Parkway-Airport Road, McCormick Road and Stadium Avenue, as shown in West Lafayette’s State Street Corridor Projects Summary. The estimated \$60 million cost is not yet final, but will come from the Western Gateway Purdue TIF district and the Levee/Village TIF district and will be shown in the TIP in the unfunded section.

The Technical Transportation Committee reviewed all of the above amendment requests at its August 19, 2015 meeting and recommended approval.

RECOMMENDATION:

Staff recommends approval of this amendment to the FY 2016-2019 Transportation Improvement Programs by adoption of the attached Resolution T-15-10.

**TIP Amendment # 5
September 17, 2015**

Request by INDOT

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

September 17, 2015
Ref. No.: 2015-227

Randy Walter, Transportation Planner/MPO Coordinator
INDOT Room N955-LP
100 North Senate Avenue
Indianapolis, IN 46204-2249

Dear Randy:

By this letter I am administratively modifying the FY 2016-2019 TIP for two INDOT projects.

The first request programs \$3,000 in safety funds, no state match, in FY 2016 for preliminary engineering for project 1382732. This project involves improving the Norfolk Southern crossing at CR 750N. Funding for construction is currently programmed in the TIP.

The second request programs \$11,200 in NHS funds for an overlay project on SR 26 and the federal funds will be used for preliminary engineering. The project des number is 0900178. Total cost of the engineering is \$14,000 and the state's match is \$2,800. The funds will be used in FY 2016. Funding for construction is currently programmed in the TIP.

The document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc Mark Albers
Susie Kemp

**TIP Amendment # 6
November 17, 2015**

Request by City of Lafayette

THE *Area Plan Commission*

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

November 17, 2015
Ref. No.: 2015-291

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 2016-2019 TIP per request of the City of Lafayette. This modification reallocates \$49,510 in STP PYB funds from the construction phase of the Twyckenham Trails project, des #1382769, to the construction phase of the Myers Bridge project, des #1172458. The table below summarizes the request.

Project	Des #	Phase	Federal Funds	Before	After
Myers Bridge	1172458	CN	STP PYB	62,040	111,550
Twyckenham Trails	1382769	CN	STP PYB	600,000	550,490

The TIP document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,

Sallie Dell Fahey
Executive Director

cc: Jenny Leshney, City Engineer
Justin Sergent, INDOT Central Office
Stephani Vermillion, INDOT Central Office
Jeanette Wilson, INDOT Central Office

**TIP Amendment # 7
December 4, 2015**

Request by INDOT

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

December 4, 2015
Ref. No.: 2015-301

Randy Walter, Transportation Planner/MPO Coordinator
INDOT Room N955-LP
100 North Senate Avenue
Indianapolis, IN 46204-2249

Dear Randy:

By this letter I am administratively modifying the FY 2016-2019 TIP for an INDOT project.

The request programs \$27,200 in NHS funds for a road reconstruction project on US 52. The federal funds will be used for preliminary engineering and the project des number is 0800132. Total cost of the engineering is \$34,000 and the state's match is \$6,800. The funds will be used in FY 2016. Funding for right-of-way and construction is currently programmed in the TIP.

The document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc Ann Bishop
Susie Kemp
Travis Kohl

**TIP Amendment # 7
December 4, 2015**

Request by INDOT

Resolution T-15-11

RESOLUTION TO AMEND THE
FY 2016-2019 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 and include all local and state transportation projects for which US Department of Transportation funds are being requested, and

WHEREAS, the Greater Lafayette Public Transportation Corporation (CityBus) has requested changes to the FY 2016-2019 Transportation Improvement Program as follows:

Projects	Des Number	Year	Federal Share	Local Share	Total Cost
Operating Assistance	1382372	2016	\$1,882,009	\$6,490,022	\$11,712,762
Tires	1382374	2016	\$52,000	\$13,000	\$65,000
Bus Overhauls: Engines	1382375	2016	\$48,800	\$12,200	\$61,000
Bus Overhauls: Transmissions	1382376	2016	\$100,000	\$25,000	\$125,000
Bus Overhauls: Components	1238237	2016	\$22,400	\$5,600	\$28,000
Computer Hardware & Software	1382378	2016	\$167,638	\$41,910	\$209,548
Support Vehicle	1382379	2016	\$40,000	\$10,000	\$50,000
Bus Replacement (6 buses)	1382380	2016	\$2,256,000	\$564,000	\$2,820,000
Property Use Planning Study	1500387	2016	\$0	\$0	\$0
Shop Equipment	New	2016	\$59,600	\$14,900	\$74,500

WHEREAS, the Greater Lafayette Public Transportation Corporation Board of Directors reviewed and approved the revised transit projects at its November 23, 2015 meeting and,

WHEREAS, the Technical Transportation Committee reviewed the request at its November 18, 2015 meeting and recommended its inclusion in the FY 2016-2019 Transportation Improvement Program, and

NOW THEREFORE BE IT RESOLVED that the Policy Board of the Metropolitan Planning Organization does hereby adopt this amendment to the FY 2016-2019 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday the 10th of December, 2015.



Tony Reswarski
President



Sallie Dell Fahey
Secretary

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

December 11, 2015
Ref. No.: 2015-305

Larry Buckel, Transit Office Manager
INDOT Room N955 - Trans
100 North Senate Avenue
Indianapolis, IN 46204-2249

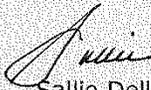
Dear Larry:

On December 10, 2015, the Policy Board amended the FY 2016-2019 TIP by Resolution T-15-11. The amendment includes programming Section 5310 and 5339 federal funds, carryover FY 2015 Section 5307 funds and unallocated FY 2016 Section 5307 funds. The additional funds will be used for operating assistance, computer hardware and software, bus replacement and shop equipment (new project). The amendment also reallocates the funds programmed for the property use planning study.

We request a des number for the new shop equipment project and the detailed spreadsheet is enclosed.

Enclosed you will also find a copy of the resolution and staff report. The TIP document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Marty Sennett, General Manager
Susie Kemp, INDOT Crawfordsville Office

BACKGROUND AND REQUEST:

CityBus requests an amendment to program additional federal funds awarded by the Indiana Department of Transportation (INDOT) for its CY 2016 operating and capital list of projects.

CityBus has been awarded two discretionary grants by INDOT. The first award is Federal Section 5310 New Freedom funds (\$198,616) in operating assistance to service Cascada Business Park, and \$242,084 in capital assistance toward the purchase of a bus. The second award is Federal Section 5339 Bus and Bus Facilities funds (\$857,392) for two buses (with remaining funds applied toward the bus to be purchased with New Freedom funds).

In addition to the Section 5310 and Section 5339 funds, CityBus will utilize \$237,692 in CY 2015 carryover funds from Section 5307 funds, and \$184,363 in unallocated CY2016 Section 5307 funds

The table below summarizes the sources of federal funds:

FY2016 Section 5310:	\$440,700
FY2016 Section 5339:	\$857,392
FY2015 Section 5307 Carryover:	\$237,692
FY2016 Section 5307 Unallocated:	\$184,363
<u>TOTAL:</u>	<u>\$1,720,147</u>

CityBus requests adjustments to their CY 2016 operating and capital expenditures. The following tables summarize the changes:

Before Amendment:

<u>Year</u>	<u>Project</u>	<u>Fede</u>	<u>Loc</u>	<u>Oth</u>	<u>Total Cc</u>
2016	Operating Assistance	\$1,300,0	\$6,180,8	\$4,365,7	\$11,846,5
2016	Capital Assistance	\$1,608,3	\$402,0	:	\$2,010,3

After Amendment:

<u>Year</u>	<u>Project</u>	<u>Fede</u>	<u>Loc</u>	<u>Oth</u>	<u>Total Cc</u>
2016	Operating Assistance	\$1,882,0	\$6,490,0	\$3,340,7	\$11,712,7
2016	Capital Assistance	\$2,746,4	\$686,6	:	\$3,433,0

A portion of the new federal funds, \$582,009, will be used for operating expenses (sources are \$198,616 from Section 5310 and \$383,393 from Section 5307). The balance will be used for capital items. CityBus reviewed its 2016 project list and has decided to change the scope of three already programmed capital projects (computer hardware and software, purchase of replacement buses, and the property use planning study). One new capital project is planned, the purchase of equipment for use in the shop.

The following justification is provided by CityBus for the updated and new projects:

Operating Assistance - \$11,712,762, Des #1382372

State operating funds for transit, known as the Public Mass Transit Fund (PMTF), has not kept pace with growth in expenses. GLPTC needs to use more of its section 5307 appropriation of federal funds to offset increasing operating costs. An additional \$383,393 in section 5307 funds will be used for operating assistance. Another \$198,616 in section 5310 New Freedom funds awarded by INDOT will be used for CY2016 operating assistance to help pay for route expansion. Ideally, the state legislature needs to increase its funding allocation to the PMTF to help Indiana transit agencies meet and sustain growing demand for public transportation.

Computer Hardware and Software - \$209,548 Des #1382378

GLPTC has invested heavily in information technology systems to manage the operation of public transportation service and to provide real-time passenger information to riders. Our operation and riders depend on these services to be reliable. Many of these systems reside on older file servers which need to be replaced, and additional servers and software are needed to improve CityBus's ability to quickly backup and restore these critical services in the case of failure. Further, network security is a concern for CityBus; upgrades will enhance the security of the network. CityBus is programming additional funds for necessary upgrades and replacements of technology systems in CY2016. Many of the systems to be replaced are seven years old or older. Systems to be upgraded include file servers and network backups for the administration network and CAD/AVL systems, and hardware on board buses which interfaces with this system.

Bus Replacement - \$2,820,000, Des #1382380

GLPTC is increasing the quantity of full-sized buses to be replaced in 2016 from three to up to six. Buses will be replaced per FTA guidelines as outlined in FTA Circular 9030.1D. The buses being replaced will be over 12 years in age. The buses already listed for replacement are 1999 Gillig Bus #1103, and 2002 Gillig Buses #1201 and #1202. The three additional buses to be replaced are 2002 Gillig Buses #1203, #1204, and #1205.

Property Use Planning Study - \$0, Des #1500387

This project was amended into the 2016 program of projects last year when GLPTC was considering the acquisition of property adjacent to its administration and maintenance facilities on Canal Rd. The property has been sold and is no longer available, so this project is being removed from the program of projects.

Shop Equipment - \$74,500, Des # NEW

GLPTC needs new equipment to maintain its facilities in CY2016. Equipment to be purchased includes two floor scrubbers, one for the shop and the other for the barn, a power broom and snow pusher for use in snow removal, and a trailer to haul a skid steer used in snow removal.

The following table summarizes the updated capital items:

Item	Description	Des Number	Federal Share	Local Share	Total Cost
1	Tires	1382374	\$52,000	\$13,000	\$65,000
2	Bus Overhauls: Engines	1382375	\$48,800	\$12,200	\$61,000
3	Bus Overhauls: Transmissions	1382376	\$100,000	\$25,000	\$125,000
4	Bus Overhauls: Components	1238237	\$22,400	\$5,600	\$28,000
5	Computer Hardware & Software	1382378	\$167,638	\$41,910	\$209,548
6	Support Vehicle	1382379	\$40,000	\$10,000	\$50,000
7	Bus Replacement (6 buses)	1382380	\$2,256,000	\$564,000	\$2,820,000
8	Property Use Planning Study	1500387	\$0	\$0	\$0
9	Shop Equipment	New	\$59,600	\$14,900	\$74,500
		Total	\$2,746,438	\$686,610	\$3,433,048

The CityBus Board of Directors reviewed and approved the requested changes on November 23, 2015.

The Technical Transportation Committee reviewed the amendment request at its November 18, 2015 meeting and recommended approval.

RECOMMENDATION:

Staff recommends approval of this amendment to FY 2016-2019 Transportation Improvement Program by adoption of the attached Resolution T-15-11.

**TIP Amendment # 9
January 4, 2016**

Request by INDOT

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

January 4, 2016
Ref. No.: 2016-003

Ann Bishop
INDOT Crawfordsville District Office
153 West 300 North
Crawfordsville, IN 47933

Dear Ann:

By this letter I am administratively modifying the FY 2016-2019 TIP for two INDOT projects.

The first request programs \$18,560 in NHPP funds for a scour protection project on US 231. The federal funds will be used for preliminary engineering and the project des number is 1382313. Total cost of the engineering is \$23,200 and the state's match is \$4,640. The funds will be used in FY 2016. Funding for construction is currently programmed in the TIP.

The second request programs \$116,800 in Bridge funds for a bridge replacement project on SP 52 over the Wabash River. The federal funds will be used for preliminary engineering and the project des number is 0400774. Total cost of the engineering is \$146,000 and the state's match is \$29,200. The funds will be used in FY 2016. Funding for construction is currently programmed in the TIP.

The document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc Randy Walter
Susie Kemp
Travis Kohl

**TIP Amendment # 10
January 5, 2016**

Request by City of Lafayette

THE *Area Plan Commission*
of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

January 5, 2016
Ref. No.: 2016-004

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 2016-2019 TIP per request of the City of Lafayette. This modification reallocates \$3,312 in STP PYB funds from the construction phase of the Twyckenham Trails project, des #1382769, to the construction phase of the Myers Bridge project, des #1172458. The table below summarizes the request.

Project	Des #	Phase	Federal Funds	Before	After
Myers Bridge	1172458	CN	STP PYB	111,550	114,862
Twyckenham Trails	1382769	CN	STP PYB	550,490	547,178

The TIP document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Jenny Leshney, City Engineer
Justin Sergent, INDOT Central Office
Stephani Vermillion, INDOT Central Office
Jeanette Wilson, INDOT Central Office

**TIP Amendment # 11
January 21, 2016**

Request by City of Lafayette

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

January 21, 2016
Ref. No.: 2016-017

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 2016-2019 TIP per request of the City of Lafayette. This modification reallocates \$384,595 in STP funds from the construction phase of the South 18th Street project, Des #1172009, \$68,149 in flexed Transportation Alternative Program funds from the construction phase of the South 18th Street pedestrian bridge project, des #1297228, and \$547,178 in STP PYB funds from the construction phase of the Twyckenham, Beckenham and Armstrong Trails project to the construction phase of the Sagamore Parkway Phase One project, des #1296080. The table below summarizes the request.

Project	Des #	Phase	Federal Funds	Before	After
South 18 th Street	1172009	CN	STP	3,779,731	3,348,393
S. 18 th Ped. Bridge	1297228	CN	TAP*	209,454	138,636
Twyckenham Trails	1382769	CN	STP PYB	547,178	0
Sagamore Pkwy. Ph. 1	1296080	CN	State Federal**	2,900,000	3,899,922

*Note: \$68,149 in TAP funds were flexed to STP funds.

**Note: This modification adds two additional federal funding sources to the Sagamore Parkway Phase 1 project and the TIP will show it funded with State Federal, STP and STP PYB funds.

This modification reallocates the unobligated balance of STP funds (\$452,744) in the South 18th Street project. All change orders and any additional construction engineering will be funded with local funds. In addition, all of the federal funds for the Twyckenham, Beckenham and Armstrong Trail project are reallocated to the Sagamore Parkway Phase 1 project and the trail project will now be funded solely with local funds.

The TIP document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,

Sallie Dell Fahey
Executive Director

cc: Jenny Leshney, City Engineer
Justin Sergent, INDOT Central Office
Stephani Vermillion, INDOT Central Office
Jeanette Wilson, INDOT Central Office

Planning for Lafayette, West Lafayette, Dayton, Battle Ground, Clarks Hill and Tippecanoe County

TIP Amendment # 12
January 22, 2016

Request by City of Lafayette

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

January 22, 2016
Ref. No.: 2016-018

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 2016-2019 TIP per request of the City of Lafayette. This modification reallocates \$20,000 in STP funds from the construction phase of the South 18th Street project, des #1172009, to the preliminary engineering phase. The table below summarizes the request.

Project	Des #	Phase	Federal Funds	Before	After
South 18 th St.	1172009	PE	STP	0	20,000
South 18 th St.	1172009	CN	STP	3,779,731	3,759,731

Note: The dollar amounts shown are before the January 21, 2016 modification.

The TIP document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Jenny Leshney, City Engineer
Justin Sergent, INDOT Central Office
Stephani Vermillion, INDOT Central Office
Jeanette Wilson, INDOT Central Office

**TIP Amendment # 13
February 16, 2016**

Request by Tippecanoe County

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

February 16, 2016
Ref. No.: 2016-035

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 2016-2019 TIP per request of Tippecanoe County. This modification updates the costs associated with the county bridge inspection program, des #1382591, so they match the recently information that has been supplied to the County. The amounts are:

Year	Federal Funds	Local Funds	Total Cost
2016	9,296	2,324	11,620
2017	116,883	29,221	146,104
2018	3,340	840	4,200

The TIP document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Opal Kuhl, Executive Director
Mike Spenser, Assistant Executive Director

**TIP Amendment # 14
March 1, 2016**

Request by Tippecanoe County & APC Staff

THE *Area Plan Commission*
of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

March 1, 2016
Ref. No.: 2016-042

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 2016-2019 TIP for two reasons. The first involves reallocating \$28,205 in FY '16 HSIP funds from the River Road at CR 500N project, des #1401279, to the Concord at CR 430S project, des #1401282. The contract amount for design and right-of-way engineering services for the Concord project is slightly more than the estimated amount shown in the TIP.

The second part of this modification reallocates a small balance in STP funds (\$25) from the PE phase of the North Street project, des #1172413 to the construction phase of the Sagamore Parkway Phase 1 project, des #1296080. This is a residual balance of federal funds that needed to be reallocated.

The table below summarizes the request.

Project	Des #	Phase	Federal Funds	Before	After
River Road	1401279	RW	HSIP PYB	180,000	151,795
Concord Road	1401282	PE	HSIP PYB	13,924	42,129
North Street	1172413	PE	STP PYB	26,400	26,375
Sagamore Pkwy	1296080	CN	STP PYB	547,178	547,203

The TIP document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

- cc: Opal Kuhl, Executive Director
Jenny Leshney, City Engineer
Steve Egly, Battle Ground Town Council President
Justin Sergent, INDOT Central Office
Stephani Vermillion, INDOT Central Office
Jeanette Wilson, INDOT Central Office

TIP Amendment # 15
March 1, 2016

Request by INDOT

Resolution T-16-02

RESOLUTION TO AMEND THE
FY 2016-2019 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 and include all local and state transportation projects for which US Department of Transportation funds are being requested, and

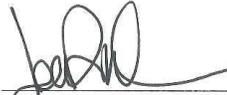
WHEREAS, the Indiana Department of Transportation requested changes to the FY 2016-2019 Transportation Improvement Program as follows:

Project	Year	Federal Funding	Phase	Federal Share	Local Share	Total Cost
SR 25, des #1500120	2017	On Fed Aid	PE	108,800	27,200	136,000
SR 25, des #1500120	2018	On Fed Aid	RW	28,000	7,000	35,000
SR 26, des #1592685	2016	NHS	PE	40,000	10,000	50,000
SR 26, des #1592685	2018	NHS	CN	2,348,800	587,200	2,936,000
SR 26, des #1500096	2016	On Fed Aid	PE	72,000	9,000	81,000
SR 26, des #1500096	2017	On Fed Aid	PE	8,000	2,000	10,000
SR 26, des #1500096	2018	On Fed Aid	RW	28,000	7,000	35,000
SR 43, des #1593085	2017	NHS	CN	640,873	160,218	801,091
US 52, des #1500159	2017	STP	PE	40,000	10,000	50,000
I-65, des #1382656	2016	Interstate	CN	18,000	2,000	20,000
I-65, des #1382656	2017	Interstate	CN	10,746,000	1,194,000	11,940,000
I-65, des #1500643	2017	Interstate	CN	682,200	75,800	758,000
I-65, des #1500644	2018	Interstate	CN	654,300	72,700	727,000

WHEREAS, the Technical Transportation Committee reviewed the requests at its February 17, 2016 meeting and recommended their inclusion in the FY 2016-2019 Transportation Improvement Program, and

NOW THEREFORE BE IT RESOLVED that the Policy Board of the Metropolitan Planning Organization does hereby adopt these amendments to the FY 2016-2019 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday the 10th of March, 2016.


John R. Dennis
Vice President


Sallie Dell Fahey
Secretary

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

March 11, 2016
Ref. No.: 2016-049

Ann Bishop, Capital Program Funds Manager
INDOT Crawfordsville District Office
41 W 300 North
Crawfordsville, IN 47933

Dear Ann:

On March 10, 2016, the Policy Board amended the FY 2016-2019 TIP by Resolution T-16-02. The amendment programmed eight new INDOT projects which are located on SR 25, SR 26, SR 43, US 52 and I-65. Seven of them address road surfaces, culverts and bridge decks while the eighth involves replacing a small structure. Details for each project are described in the attached staff report and resolution.

The document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Randy Walter, INDOT

**FY 2016-2019 TIP Amendment
Indiana Department of Transportation**

**Staff Report
March 3, 2016**

BACKGROUND AND REQUEST:

The Indiana Department of Transportation requested an amendment to program eight projects which are located on SR 25, SR 26, SR 43, US 52, and I-65. Seven of them are maintenance projects and address road surfaces, culverts or bridge decks. The eighth project involves the replacement of a small structure.

SR 25, Small Structure Replacement Project

This project replaces a small drainage structure 1.51 miles south of the SR 25 and SR 28 intersection (southern intersection). The structure is at the Wallace Ditch and the project designation number is 1500120.

INDOT requested programming funds for preliminary engineering and right-of-way. Construction is anticipated in FY 2020 and is not part of this amendment. The table below gives the specific details:

Phase	Year	Federal Funds	Federal	State	Total
PE	2017	On Fed Aid	108,800	27,200	136,000
RW	2018	On Fed Aid	28,000	7,000	35,000

SR 26, Functional HMA Overlay Project

INDOT requested programming a resurfacing project on SR 26 from 1.35 miles east of I-65 (north bound ramps) to 0.62 miles east of US 421 in Clinton County. The western termini is just east of CR 550E and the eastern termini is just west of Rossville. The project designation number is 1592685.

Both preliminary engineering and construction have been included in this amendment. Preliminary engineering is anticipated in FY 2016. The total cost is \$50,000 with a match of \$10,000 in state funds. INDOT will use NHS funds for the federal share (\$40,000).

Construction has a target letting date in July of 2017. The total estimated construction cost is \$2,936,000 with a federal share of \$2,348,800 in NHS funds and a state match of \$587,200.

Phase	Year	Federal Funds	Federal	State	Total
PE	2016	NHS	40,000	10,000	50,000
CN	2018	NHS	2,348,800	587,200	2,936,000

SR 26, Culvert Clean and Repair

This project is located on SR 26 and is 4.98 miles west of US 231 (close to CR 600W). The project designation number is 1500096.

INDOT requested programming funds for preliminary engineering and right-of-way. Construction is anticipated to be in FY 2020 and is not part of this amendment. The table below gives the specific details:

Phase	Year	Federal Funds	Federal	State	Total
PE	2016	On Fed Aid	72,000	9,000	81,000
PE	2017	On Fed Aid	8,000	2,000	10,000
RW	2018	On Fed Aid	28,000	7,000	35,000

SR 43, Ultrathin Surface Treatment Project

INDOT has requested programming the construction phase for an ultrathin surface treatment project on SR 43. The project begins 0.46 miles south of I-65 and ends 0.12 miles north of SR 225.

The project has a target construction letting date in April of 2017. The total estimated construction cost is \$801,091 with a federal share of \$640,873 in NHS funds and a state match of \$160,218. The project designation number is 1593085.

US 52, Functional HMA Overlay Project

INDOT has requested programming the preliminary engineering phase of a resurfacing project on US 52. The project begins 3.21 miles east of US 231 (Teal & 30th Streets) and ends 4.56 miles west of the west junction of SR 28 (just north of Stockwell Road). The project designation number is 1500159.

Even though construction is scheduled for a March 2017 letting, INDOT only requested programming funds for the preliminary engineering phase of the project. The total estimated cost for preliminary engineering is \$50,000 and INDOT will use \$40,000 in STP funds for the federal portion and \$10,000 for the state match. Preliminary engineering is scheduled for fiscal year 2016.

I-65, Functional HMA Overlay Project

INDOT requested programming the construction of a resurfacing project on the interstate in the southern part of the county. The location is from 4.59 miles south of SR 28 to 3.44 miles south of SR 38 and the project designation number is 1382656.

The project has a target construction letting date in March of 2017. The total estimated construction cost is \$11,940,000 with a federal share of \$10,746,000 in Interstate funds and a state match of \$1,194,000.

INDOT has also programmed \$20,000 for construction in FY 2016. The federal share is \$18,000 in Interstate funds and the state match is \$2,000.

I-65, Bridge Deck Overlay Project

The first bridge project in this request involves programming the construction phase of the CR 900E Bridge over the interstate. It is located 5.25 miles south of SR 38 and the project designation number is 1500643.

The project has a target construction letting date in March of 2017. The total estimated construction cost is \$758,000 with a federal share of \$682,200 in Interstate funds and a state match of \$75,800.

I-65, Bridge Deck Overlay Project

The second bridge project involves programming the construction phase of the CR 725N Bridge over the interstate. The project designation number is 1500644. The bridge is located 2.5 miles north of the SR 43 interchange.

The project is anticipated to let in FY 2018. The estimated total construction cost is \$727,000 with a federal share of \$654,300 in Interstate funds and a state match of \$72,700.

The Technical Transportation Committee reviewed all the amendment requests at its February 17, 2016 meeting and recommended approval.

RECOMMENDATION:

Staff recommends approval of this amendment to the FY 2016-2019 Transportation Improvement Programs by adoption of the attached Resolution T-16-02.

TIP Amendment # 16
March 29, 2016

Request by APC staff

THE *Area Plan Commission*
of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

March 29, 2016
Ref. No.: 2016-058

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 2016-2019 TIP in five steps.

1) Concord Road, des #1401282, Preliminary Engineering Phase

Currently, preliminary engineering is funded with \$160,691 in FY 2016 HSIP funds and \$42,129 in HSIP PYB funds. This modification reduces the amount of annual allocation and correspondingly increases the amount of PYB funds. The change is \$26,209. This modification addresses the decrease in HSIP funds shown in the Final Sharing Agreement to reflect the final FY 2016 Federal Formula Apportionments. The additional HSIP PYB funds will come from the proposed bike/pedestrian safety education program that is shown in the Five-Year Production Schedule. These funds have not been shown in the TIP because they were intended to be programmed in the UPWP. The table below summarizes the changes.

Project	Des #	Phase	Federal Funds	Before	After
Concord Road	1401282	PE	HSIP	160,691	134,482
Concord Road	1401282	PE	HSIP PYB	42,129	68,209
Bike/Ped Ed.	---	ED	HSIP PYB	30,000	3,791

2) Adjust the TIP to reflect the additional FY 2016 STP and TAP Funds shown in the Final Sharing Agreement

In March of 2016, Central Office released the Final FY 2016 Local Share of Federal Formula Apportionments. The final allocation gives the Lafayette MPO an additional \$255,053 in STP funds and \$5,034 in TAP funds. This modification adjusts the wording and tables in the TIP to reflect the additional funding. The following table shows the amount of additional STP and TAP funds.

Federal Funds	Before	After	Difference
STP	3,804,137	4,056,008	255,053
TAP	138,636	143,670	5,034

3) Flex TA funds to STP

The third part in this modification flexes the \$5,036 in TAP funds to STP. Earlier this year we flexed \$68,149. The additional funds increase the amount flexed to \$73,185 and the combined total is just over thirty percent of our annual allocation.

I requested Justin Sergent to flex the \$5,036 on March 18, 2016

4) Allocate additional STP funds to Myers Bridge, des #1172458, Construction

A portion of the additional STP funds provided by the Final Sharing Agreement will go to the construction phase of the Myers Bridge Project. Specifically, they will be used for two changes orders, numbers five and thirteen. The combined federal portion of both is \$53,816. The table below shows the specific details.

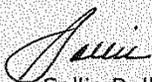
Project	Des #	Phase	Federal Funds	Before	After
Myers Bridge	1172458	CN	STP	3,000	56,816

5) Allocate additional STP funds to Happy Hollow, des #0900002, Construction

The balance of STP funds will go to the construction phase of the Happy Hollow project. Like the Myers Bridge project, the additional funds will be used for change orders. The balance of STP funds to be programmed is \$206,271. The project is currently funded with only FY 2015 funds. This modification adds the additional FY 2016 in STP funds of \$206,271 to the project.

The TIP document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Opal Kuhl, Executive Director
Jenny Leshney, Lafayette City Engineer
Dave Buck, West Lafayette City Engineer
Justin Sergent, INDOT Central Office
Stephani Vermillion, INDOT Central Office
Jeanette Wilson, INDOT Central Office

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

April 6, 2016
Ref. No.: 2016-069

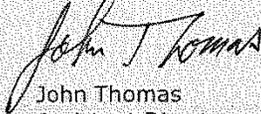
Susie Kemp, Local Program Director
INDOT Crawfordsville District
41 West 300 North
Crawfordsville, IN 47933

Dear Susie:

On March 29th, Sallie administratively modified the TIP. Unfortunately the letter contained a typo that needs to be corrected. Under the Concord Road project, des #1401282, there is a typo in the second line in the table. It shows HSIP PYB funding being increased from 42,129 to 68,209. The typo is the after amount; it should be 68,338.

The TIP document that is available on the web does show the correct amount. Please call if you have any questions or need additional information.

Sincerely,



John Thomas
Assistant Director

cc: Opal Kuhl, Executive Director
Justin Sergent, INDOT Central Office
Stephani Vermillion, INDOT Central Office

TIP Amendment # 17
April 1, 2016

Request by City of Lafayette

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

April 1, 2016
Ref. No.: 2016-063

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

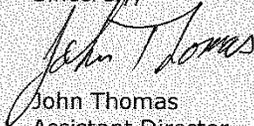
Dear Susie:

By this letter I am administratively modifying the FY 2016-2019 TIP. This modification adds an additional \$72,000 in FY 2017 STP PYB funds to the construction phase of the Myers Bridge project, des #1172458. The additional funds will be used for a change order involving railroad flagging.

It should be noted that the funds are an advancement of our FY 2017 PYB funds. This was approved by INDOT Central Office.

The TIP document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



John Thomas
Assistant Director - Transportation

cc: Jenny Leshney, Lafayette City Engineer
Stephani Vermillion, INDOT Central Office
Jeanette Wilson, INDOT Central Office

TIP Amendment # 18
April 14, 2016

Request by CityBus

Resolution T-16-04

RESOLUTION TO AMEND THE
FY 2016-2019 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 and include all local and state transportation projects for which US Department of Transportation funds are being requested, and

WHEREAS, the Greater Lafayette Public Transportation Corporation (CityBus) has requested changes to the FY 2016-2019 Transportation Improvement Program as follows:

Projects	Des Number	Year	Federal Share	Local Share	Total Cost
Maintenance & Admin Facility	1600582	2016	36,000	9,000	45,000
Bus Stop Improvements	---	2016	0	126,100	126,100

WHEREAS, the Greater Lafayette Public Transportation Corporation Board of Directors reviewed and approved the revised transit projects at its February 29, 2016 meeting and,

WHEREAS, the Technical Transportation Committee reviewed the request at its March 16, 2016 meeting and recommended its inclusion in the FY 2016-2019 Transportation Improvement Program, and

NOW THEREFORE BE IT RESOLVED that the Policy Board of the Metropolitan Planning Organization does hereby adopt this amendment to the FY 2016-2019 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday the 14th of April, 2016.


John R. Dennis
Vice President


Sallie Dell Fahey
Secretary

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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

April 15, 2016
Ref. No.: 2016-079

Larry Buckel, Transit Office Manager
INDOT Room N955 - Trans
100 North Senate Avenue
Indianapolis, IN 46204-2249

Dear Larry:

On April 14, 2016, the Policy Board amended the FY 2016-2019 TIP by Resolution T-16-04. The amendment includes programming Section 5307 funds for a new project: Maintenance and Administration Facility Architectural and Engineering, des #1600582. A second project was included in the amendment, Bus Stop Improvements, but at this time CityBus expects to use only local funds.

Enclosed you will also find a copy of the resolution and staff report. The TIP document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Marty Sennett, General Manager
Randy Walter, LPA/PO & Grant Administration
Susie Kemp, INDOT Crawfordsville Office

BACKGROUND AND REQUEST:

CityBus requests an amendment to program additional CY 2016 federal funds for one new capital project and program another that will be funded solely with local funds.

In its 2016 apportionment of Section 5307 funds from the Federal Transit Administration, CityBus received additional funds, \$114,080, due to its strong performance in the Small Transit Intensive Cities (STIC) funding tier. FTA awards these funds based upon performance in comparison to national averages of transit systems in areas with populations of 200,000 or more. In this comparison, CityBus exceeded the national average on five of the six factors measured, which are: passenger miles per vehicle revenue mile, vehicle miles per capita, vehicle revenue hours per capita, passenger miles per capita, and passenger trips per capita.

The following justification was provided by CityBus for the new projects:

Maintenance and Administration Facility A&E - \$45,000

GLPTC facilities at 1250 Canal Rd., in Lafayette were originally constructed in 1974. Since, several major improvements have been made including the addition of bus storage facilities, a new maintenance facility, construction of a CNG fueling station, and the wind energy project, etc. CityBus needs to develop projections for the basic space needs of employees (particularly staff in the growing ADA Paratransit service), vehicle storage, and maintenance for the next ten years based upon current and projected operations information. An architecture/engineering firm will be hired to develop this needs analysis, plan improvements to make facility fully ADA accessible, develop a phased plan for improvements with cost estimations for each phase of construction, and identify any environmental issues related to construction.

Bus Stop Improvements - \$126,100

CityBus plans to replace or install bus shelters and seating to improve the experience of using public transportation for riders using bus stops. Locations have been selected for improvement based upon rider demand and, in some cases, the willingness of property owners to partner with CityBus in the cost of building these improvements. The selected locations include Nobb Hill on Happy Hollow, Tippecanoe Mall, St. James School, Blackbird Farms Apartments, Frozen Custard on Main Street, St. Elizabeth East Hospital, Franklin Park Apartments, and Pay Less on Salisbury Street. No federal funds will be used for this project. A portion of the funding for this project will be coming from several property owners who will supply concrete pads or contribute funds to a portion of the project.

The following table summarizes the updated capital items:

Item	Description	Federal Share	Local Share	Total Cost
1	Maintenance & Admin Facility A&E	\$36,000	\$9,000	\$45,000
2	Bus Stop Improvements	\$0	\$126,100	\$126,100
	Total	\$36,000	\$135,100	\$171,100

The CityBus Board of Directors authorized the updated 2016 operating and capital list of projects on February 29, 2016.

The Technical Transportation Committee reviewed the amendment request at its March 16, 2016 meeting and recommended approval.

RECOMMENDATION:

Staff recommends approval of this amendment to FY 2016-2019 Transportation Improvement Program by adoption of the attached Resolution T-16-04.

**TIP Amendment # 19
April 14, 2016**

Request by INDOT & Wabash Center

Resolution T-16-03

RESOLUTION TO AMEND THE
FY 2016-2019 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 and include all local and state transportation projects for which US Department of Transportation funds are being requested, and

WHEREAS, the Indiana Department of Transportation and Wabash Center requested changes to the FY 2016-2019 Transportation Improvement Program as follows:

Project	Year	Federal Funding	Phase	Federal Share	Local Share	Total Cost
SR 28, des #1500155	2017	On Fed Aid	PE	288,000	72,000	361,000
SR 28, des #1592968	2016	None	PE	0	50,000	50,000
SR 28, des #1593036	2016	On Fed Aid	PE	40,000	10,000	50,000
SR 43, des #1592686	2016	None	PE	0	50,000	50,000
US 52, des #1592842	2016	NHS	PE	28,560	7,140	35,700
	2019	NHS	CN	313,920	78,480	391,400
US 231, des #1592841	2016	NHS	PE	40,000	10,000	50,000
	2019	NHS	CN	1,564,640	391,160	1,955,800
I-65, des #0710471	2017	Interstate	PE	66,150	7,350	73,500
I-65, des #1500154	2016	None	PE	0	50,000	50,000
I-65, des #1592704	2016	Interstate	PE	45,000	5,000	50,000
	2019	Interstate	CN	598,860	66,540	665,400
I-65, des #1592705	2016	Interstate	PE	45,000	5,000	50,000
	2019	Interstate	CN	598,860	66,540	665,400
I-65, des #1592723	2016	None	PE	0	50,000	50,000
I-65, des #1592725	2016	Interstate	PE	45,000	5,000	50,000
	2019	Interstate	CN	1,122,750	124,750	1,247,500
I-65, des #1592726	2016	Interstate	PE	45,000	5,000	50,000
	2019	Interstate	CN	1,122,750	124,750	1,247,500
SR 225, des #1593270	2016	None	PE	0	50,000	50,000
Wabash Center	2016	Sec 5310	EQ	152,000	38,000	190,000

WHEREAS, the Technical Transportation Committee reviewed the requests at its March 16, 2016 meeting and recommended their inclusion in the FY 2016-2019 Transportation Improvement Program, and

NOW THEREFORE BE IT RESOLVED that the Policy Board of the Metropolitan Planning Organization does hereby adopt these amendments to the FY 2016-2019 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday the 14th of April, 2016.


John R. Dennis
Vice President


Sallie Dell Fahey
Secretary

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

April 15, 2016
Ref. No.: 2016-081

Ann Bishop, Capital Program Funds Manager
INDOT Crawfordsville District Office
41 W 300 North
Crawfordsville, IN 47933

Dear Ann:

On April 14, 2016, the Policy Board amended the FY 2016-2019 TIP by Resolution T-16-03. The amendment programmed fourteen new INDOT projects which are located on SR 28, SR 43, US 52, US 231, SR 225 and I-65. Thirteen of them address road surfaces or bridge decks while the fourteenth involves rehabilitating the road. Details for each project are described in the attached staff report and resolution.

The document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Randy Walter, INDOT

THE

Area Plan Commission

of TIPPECANOE COUNTY

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

April 15, 2016
Ref. No.: 2016-080

Larry Buckel, Transit Office Manager
INDOT Room N955 - Trans
100 North Senate Avenue
Indianapolis, IN 46204-2249

Dear Larry:

On April 14, 2016, the Policy Board amended the FY 2016-2019 TIP by Resolution T-16-03. The amendment includes programming Wabash Center's request to replace five vans. Since this project has not yet been approved, the project will be programmed in Table 5, Unfunded Local Projects. When the project receives funding approval, it will then be administratively moved to Table 4, Funded Local Projects

Enclosed you will also find a copy of the resolution and staff report. The TIP document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Jennifer Dykiel, Wabash Center
Randy Walter, LPA/MPO & Grant Administration
Susie Kemp, INDOT Crawfordsville Office

FY 2016-2019 TIP Amendment
Indiana Department of Transportation & Wabash Center

Staff Report
April 7, 2016

BACKGROUND AND REQUEST:

The Indiana Department of Transportation requested an amendment to program fourteen projects which are located on SR 28, SR 43, US 52, US 231, SR 225 and I-65. Thirteen of them are maintenance projects and address road surfaces or bridge decks. The fourteenth project involves rehabilitating the road.

The Wabash Center has also requested an amendment to the TIP to program a grant request for minivans.

SR 28, Functional HMA Overlay

INDOT requested programming a resurfacing project on SR 28 from SR 25 to US 231. The project designation number is 1500155. INDOT only requested programming funds for the preliminary engineering phase of the project. The total estimated cost for preliminary engineering is \$360,000 and INDOT will use \$288,000 in unspecified Federal funds for the federal portion and \$72,000 for the state match. Preliminary engineering is scheduled for fiscal year 2017.

Phase	Year	Federal Funds	Federal	State	Total
PE	2017	On Fed Aid	288,000	72,000	361,000

SR 28, Road Rehabilitation (3R/4R Standards)

INDOT requested programming a road rehabilitation project on SR 28 from US 231 to the west junction of US 52. The project designation number is 1592968. INDOT only requested programming funds for the preliminary engineering phase of the project. The total estimated cost for preliminary engineering is \$50,000 and state funds will pay for the entire cost. Preliminary engineering is scheduled for fiscal year 2016.

Phase	Year	Federal Funds	Federal	State	Total
PE	2016	None	0	50,000	50,000

US 28, HMA Overlay, Preventive Maintenance Project

INDOT is planning to resurface another portion of US 28 from the east junction at US 52 to 6.32 miles east of I-65 (in Clinton County). The project designation number is 1593036.

INDOT only requested programming funds for the preliminary engineering phase of the project. The total estimated cost for preliminary engineering is \$50,000 and INDOT will use \$40,000 in unspecified federal funds for the federal portion and \$10,000 for the state match. Preliminary engineering is scheduled for fiscal year 2016.

Phase	Year	Federal Funds	Federal	State	Total
PE	2016	On Fed Aid	40,000	10,000	50,000

US 43, HMA Overlay, Preventive Maintenance Project

INDOT is planning to resurface a portion of SR 43 from 0.12 miles north of SR 225 to 0.57 miles south of the south junction with SR 18. The project designation number is 1592686.

INDOT only requested programming funds for the preliminary engineering phase of the project. The total estimated cost for preliminary engineering is \$50,000 and INDOT will use state funds to pay for the entire cost. Preliminary engineering is scheduled for fiscal year 2016.

Phase	Year	Federal Funds	Federal	State	Total
PE	2016	None	0	50,000	50,000

US 52, Portland Cement Concrete Pavement (PCCP) Patching Project

INDOT is planning to patch a portion of US 52 from the bridges over the Wabash River to the SR 25 intersection. The project designation number is 1592842.

Both preliminary engineering and construction have been included in this amendment. Preliminary engineering is anticipated in FY 2016. The total cost is \$35,700 with a match of \$7,140 in state funds. INDOT will use NHS funds for the federal share (\$28,560).

Construction has a target letting date in FY 2019. The total estimated construction cost is \$392,400 with a federal share of \$313,920 in NHS funds and a state match of \$78,480.

Phase	Year	Federal Funds	Federal	State	Total
PE	2016	NHS	28,560	7,140	35,700
CN	2019	NHS	313,920	78,480	392,400

US 231, PCCP Patching Project

INDOT is planning to also patch a portion of US 231 from 3.39 miles south of the south junction of US 52 to the south junction of US 52. The project designation number is 1592841.

Both preliminary engineering and construction have been included in this amendment. Preliminary engineering is anticipated in FY 2016. The total cost is \$50,000 with a match of \$10,000 in state funds. INDOT will use NHS funds for the federal share (\$40,000).

Construction has a target letting date in FY 2019. The total estimated construction cost is \$1,955,800 with a federal share of \$1,564,640 in NHS funds and a state match of \$391,160.

Phase	Year	Federal Funds	Federal	State	Total
PE	2016	NHS	40,000	10,000	50,000
CN	2019	NHS	1,564,640	391,160	1,955,800

I-65, Bridge Deck Replacement Project

The first bridge project in this request involves the Swisher Road Bridge over the interstate. It is located 0.92 miles south of SR 43 and the project designation number is 0710471.

INDOT's request is to program federal and state funds for preliminary engineering for FY 2017. The total estimated cost of preliminary engineering is \$73,500 with a federal share of \$66,150 in Interstate funds and a state match of \$7,350.

Phase	Year	Federal Funds	Federal	State	Total
PE	2017	Interstate	66,150	7,350	73,500

I-65, Functional HMA Overlay Project

INDOT requested programming preliminary engineering for a resurfacing project on the interstate in the northern part of the county in FY 2016. The location is from 1.71 miles north of SR 43 to US 231 in White County and the project designation number is 1500154. The total estimated cost for PE is \$50,000 and INDOT will use state funds to pay for the entire cost of this phase.

Phase	Year	Federal Funds	Federal	State	Total
PE	2016	None	0	50,000	50,000

I-65, Bridge Deck Overlay Projects

The second and third bridge projects involve the I-65 Bridges over Prophets Rock Road. The north bound bridge project designation number is 1592704 and the south bound bridge project designation number is 1592705. The bridge is located 0.23 miles south of the SR 43 interchange.

Both preliminary engineering and construction have been included in this amendment. Preliminary engineering is anticipated in FY 2016. The total cost for each project is \$50,000 with a match of \$5,000 in state funds. INDOT will use Interstate funds for the federal share (\$45,000).

Construction has a target letting date in FY 2019. The total estimated construction cost for each project is \$665,400 with a federal share of \$598,860 in Interstate funds and a state match of \$66,540.

Des #	Phase	Year	Federal Funds	Federal	State	Total
1592704	PE	2016	Interstate	45,000	5,000	50,000
1592704	CN	2019	Interstate	598,860	66,540	665,400
1592705	PE	2016	Interstate	45,000	5,000	50,000
1592705	CN	2019	Interstate	598,860	66,540	665,400

I-65, Bridge Deck Overlay Projects

The third and fourth bridge projects in this request involve the SR 43 Bridge over the interstate. The north bound bridge project is des #1592723 and the south bound bridge project is 1592724. INDOT is programming funds for preliminary engineering in this TIP request.

INDOT anticipates preliminary engineering to begin in FY 2016 for both projects and PE for each project is estimated to have a total cost of \$50,000. State funds will be used for the entire amount.

Des #	Phase	Year	Federal Funds	Federal	State	Total
1592723	PE	2016	None	0	50,000	50,000
1592724	PE	2016	None	0	50,000	50,000

I-65, Bridge Deck Overlay Projects

The next bridge projects involve the bridges over Burnetts Creek, 9th Street and the CSX railroad which is 0.58 miles south of SR 43. INDOT is requesting the programming of funding for both preliminary engineering and construction for both bridges. The des number for the north bound bridge is 1592725 and 1592726 for the south bound bridge.

Preliminary engineering is anticipated in FY 2016 for both projects. The total cost for each project is \$50,000 with a match of \$5,000 in state funds. INDOT will use Interstate funds for the federal share (\$45,000).

Construction has a target letting date in FY 2019. The total estimated construction cost for each bridge is \$1,247,500 with a federal share of \$1,122,750 in Interstate funds and a state match of \$124,750.

Des #	Phase	Year	Federal Funds	Federal	State	Total
1592725	PE	2016	Interstate	45,000	5,000	50,000
1592725	CN	2019	Interstate	1,122,750	124,750	1,247,500
1592726	PE	2016	Interstate	45,000	5,000	50,000
1592726	CN	2019	Interstate	1,122,750	124,750	1,247,500

SR 225, Bridge, Thin Deck Overlay Project

INDOT requested programming preliminary engineering for a deck overlay on the SR 225 Bridge over the Wabash River. The designation number is 1593270.

INDOT only requested programming funds for the preliminary engineering phase of the project. The total estimated cost for preliminary engineering is \$50,000 and INDOT will use state funds to pay for the entire cost. Preliminary engineering is scheduled for fiscal year 2016.

Phase	Year	Federal Funds	Federal	State	Total
PE	2016	None	0	50,000	50,000

Wabash Center

The other part in this amendment is a request from the Wabash Center to program a van replacement project. The Center has applied for Federal Transit Administration Section 5310 funds to replace five vans. The total cost of the project is \$190,000 and the federal portion is \$152,000. The Center will use it operational funds for the local match of \$38,000.

Since the grant has not yet been approved by INDOT, it will be programmed in Table 5, Unfunded Local Projects: Fiscal Years 2016 through 2019. When it is approved, it will be administratively moved to Table 4, Funded Local Projects: Fiscal Years 2016 through 2019.

The Technical Transportation Committee reviewed all the amendment requests at its March 16, 2016 meeting and recommended approval.

RECOMMENDATION:

Staff recommends approval of this amendment to the FY 2016-2019 Transportation Improvement Programs by adoption of the attached Resolution T-16-03.

TIP Amendment # 20
April 14, 2016

Request by City of Lafayette

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

April 14, 2016
Ref. No.: 2016-070

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 2016-2019 TIP. The modification shifts \$105,061 in HSIP PYB funds from the River Road project, des #1401047, to the Sagamore Parkway Phase 1 project, des #1296080. The HSIP PYB funds will be used to improve pedestrian safety at two intersections on Sagamore Parkway. The table below summarizes the request.

Project	Des #	Phase	Federal Funds	Before	After
River Rd at CR 500N	1401047	RW	HSIP PYB	151,795	46,734
Sagamore Pkwy Ph 1	1296080	CN	HSIP PYB	0	105,061

The INDOT Office of Traffic Safety reviewed the project application and has found it eligible for HSIP funding.

The TIP document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,

Sallie Dell Fahey
Assistant Director for Transportation Planning

cc: Jenny Leshney, City Engineer
Justin Sergent, INDOT Central Office
Stephani Vermillion, INDOT Central Office

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

April 18, 2016
Ref. No.: 2016-087

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

Dear Susie:

On April 14th, I administratively modified the TIP. Unfortunately the letter contained an incorrect des number. In the table, the des number for the River Road project was listed as 1401047. The correct des number is 1401279.

We are currently updating the TIP document and will place it on the APC web page when done. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Justin Sergent, INDOT Central Office
Stephani Vermillion, INDOT Central Office

TIP Amendment # 21
April 18, 2016

Request by INDOT

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

April 18, 2016
Ref. No.: 2016-083

Ann Bishop
INDOT Crawfordsville District Office
153 West 300 North
Crawfordsville, IN 47933

Dear Ann:

By this letter I am administratively modifying the FY 2016-2019 TIP for two INDOT projects.

The first request involves the US 52 road reconstruction project, des #0800132. The amount of funding for the right-of-way phase, 2016 funds, has been reduced and the table below shows the before and after amounts. There are no changes in the funding year or funding type.

	Phase	Year	Federal	State	Total
Before	RW	2016	1,118,000	894,400	223,600
After	RW	2016	556,000	139,000	695,000

The second request removes the construction phase and its funding for the SR 26 functional HMA overlay project, des #1592685. It should be noted that this phase of the project was added to the TIP through an amendment that was adopted just over a month ago on March 10, 2016.

The document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc Randy Walter

TIP Amendment # 22
April 27, 2016

Request by APC Staff

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

April 27, 2016
Ref. No.: 2016-093

Jeanette Wilson,
INDOT Room N955P
100 North Senate Avenue
Indianapolis, IN 46204-2249

Dear Jeanette:

By this letter I am administratively modifying the FY 2016-2019 TIP in three steps.

Step One

The first modification involves programming the two FY '15 UPWP safety projects into the FY '16 TIP. The projects are:

Project	Des Number	PO Number	Fed Amount	Local Amount	Total Amount
INTIME Training	1401832	15815290	20,000	2,222	22,222
APC Safety Analysis	1401116	15815057	3,758.46	417.60	4,176.06

It should be noted that the amount shown in Safety Analysis project is the *balance* of funds that have not yet been spent.

Step Two

The next part of this modification reallocates the HSIP funds from the INTIME Training project to the APC Safety Analysis project. The table below summarizes the reallocation.

Project	Des Number	PO Number	Federal Funds	Before	After
INTIME Training	1401832	15815290	HSIP	20,000	0
APC Safety Analysis	1401116	15815057	HSIP	3,758.46	23,748.46

Step Three

The last part to this modification shifts the remaining balance of \$46,734 in FY '16 HSIP PYB funds from the River Road project, des #1401047 and the balance of \$3,791, from the FY '16 Bike and Pedestrian Safety Education Program as shown in the Five-Year Production Schedule, to the UPWP Work Item #536-HSIP, Crash

Data and Analysis, and Local In-Time Committee, des #1592353. The total amount shifted is \$50,525. The table below summarizes the request.

Project	Des #	Phase	Federal Funds	Before	After
River Rd at CR 500N	1401047	RW	HSIP PYB	46,734	0
Bike & Ped Education	---	--	HSIP PYB	3,791	0
Crash Data Analysis	1592353	--	HSIP PYB	0	50,525

It should be noted that no purchase order has yet been issued for the HSIP funds in the FY 2016 UPWP.

The TIP document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Randy Walter, INDOT Central Office
Susie Kemp, INDOT Crawfordsville District
Justin Sergent, INDOT Central Office
Stephani Vermillion, INDOT Central Office

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

April 28, 2016
Ref. No.: 2016-095

Jeanette Wilson,
INDOT Room N955P
100 North Senate Avenue
Indianapolis, IN 46204-2249

Dear Jeanette:

On April 27th, Sallie administratively modified the TIP. Inadvertently the letter contained an incorrect des number. In Step Three, the des number for the River Road project was listed as 1401047. The correct des number is 1401279.

We are currently updating the TIP document and will place it on the APC web page when done. Please call if you have any questions or need additional information.

Sincerely,



John Thomas
Assistant Director of Transportation

cc: Justin Sergent, INDOT Central Office
Stephani Vermillion, INDOT Central Office
Susie Kemp, INDOT Crawfordsville Office

TIP Amendment # 23
May 6, 2016

Request by APC Staff

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

May 6, 2016
Ref. No.: 2016-100

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 2016-2019 TIP. The modification shifts \$50,525 in HSIP PYB funds that are shown under the APC FY 2016 UPWP Safety Analysis to the Klondike Road project right-of-way phase. The des number of the UPWP project is #1592353 and the des number for Klondike is #1173626. The table below summarizes the request.

Project	Des #	Phase	Year	Federal Funds	Before	After
Safety Analysis	1592353	--	2016	HSIP	50,525	0
Sagamore Pkwy Ph 1	1173626	RW	2016	HSIP	616,360	666,885

We proposed the idea of this modification to Justin and he concurs.

The TIP document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Justin Sergent, INDOT Central Office
Stephani Vermillion, INDOT Central Office

TIP Amendment # 24
May 10, 2016

Request by APC Staff

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

May 10, 2016
Ref. No. 2016-107

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

Dear Susie:

This Administrative Modification to the FY 2016 – 2019 TIP is intended to clear up two prior Administrative Modifications and fully obligate any remaining FY 2016 HSIP funds. This change follows several weeks of discussion between the MPO, yourself, Justin Sargent, Jeanette Wilson and Randy Walter.

In April, the MPO had \$50,525 remaining in unobligated HSIP funds. Justin has now moved \$20,000 of that amount to Des 1401116, PO 15815057 for MPO Safety Analysis work in the adopted FY 2015 and FY2016 UPWP.

The remaining \$30,525 will be added to Des 1173626 Klondike Road RW. Here is what transpired, the results and what needs to happen:

1. On April 27, I submitted a 3 step Administrative Modification regarding the \$50,525. Step 3 could not be accomplished by INDOT because it required an amendment to the STIP and there was not enough time remaining in FY 2016 to complete such an amendment. The result is that \$20,000 was moved by Justin as discussed above and \$30,525 remained partly in Des 1401047 (the River Rd at CR 500N project) and partly in the Bike and Pedestrian Education Project. The funds cannot be used in either Des 1401047 because the environmental will not be finalized in FY 2016 or in the safety education project because HSIP funds are no longer eligible to be used for education.
2. On May 6, I submitted an Administrative Modification that followed on the now flawed Step 3. That modification is also flawed because the project **from which** it was moved was wrong (the money was never in Des 1592353 UPWP and **the amount** of money to be moved was in error (should have been \$30,525 not the stated \$50,525). In addition, the project **to which** it was to be moved had the correct Des #1173626 but the wrong name Sagamore Pkwy Ph. 1 when it should have been Klondike Road RW.
3. The correct administrative modification to the FY 2016 TIP is to move \$30,525 to Des 1173626 Klondike Road RW. My assumption is that the money is currently programmed in Des 1401047 the River Rd at CR 500N project and/or in the Bike and Ped Education project (no Des number). Following the modification, Des 1173626 Klondike RW will change from a programmed amount of \$616,360 to \$646,885.

The TIP document will be updated and placed on the APC website following concurrence that these are the appropriate steps to correct the prior Administrative Modifications, as discussed above, and to properly program the remaining \$30,525 in FY 2016 HSIP funds.

Sincerely,



Sallie Dell Fahey
Executive Director

c. Jeanette Wilson
Justin Sargent
Randy Walter
Stephani Vermillion

TIP Amendment # 25
May 12, 2016

Request by APC Staff

Resolution T-16-06

RESOLUTION TO AMEND THE
FY 2016-2019 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 and include all local and state transportation projects for which US Department of Transportation funds are being requested, and

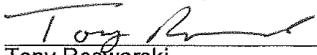
WHEREAS, the APC staff requested changes to the FY 2016-2019 Transportation Improvement Program as follows:

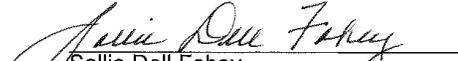
Project	Des Number	Year	Federal Funding	Phase	Federal Share	Local Share	Total Cost
Morehouse Rd	1401280	2017	STP	PE	400,000	100,000	500,000
Twyckenham Blvd	1401285	2017	STP	PE	360,000	90,000	450,000
North Street	1172413	2017	STP	CN	320,000	80,000	400,000
Yeager Rd	1401281	2017	STP	PE	400,000	100,000	500,000
Soldiers Home Road	1401291	2017	STP	PE	644,389	161,097	805,486
Klondike Rd	1173626	2017	STP	RW	525,600	131,400	657,000
South/Scott St Ped Xing	1400566	2017	STP	CN	26,175	6,544	32,719
River Rd at CR 500N	1400566	2017	STP	RW	228,695	57,174	285,869
Lindberg Rd	1173627	2017	STP	RW	333,000	83,250	416,250
Cherry Lane R-about	---	2017	STP	PE	450,000	112,500	562,500
Happy Hollow	0900002	2017	STP	CN	250,000	62,500	312,500
S. 18 th St	1172009	2017	STP	CN	50,000	12,500	62,500
Bike/Ped Safety Ed	---	2017	STP PYB	ED	30,000	7,500	37,500
Myers Bridge Flagging	1172458	2017	STP PYB	CN	72,000	18,000	90,000
South/Scott St Ped Xing	1400566	2017	HSIP/PYB	CN	387,825	43,092	430,917
South/Scott St Ped Xing	1400566	2017	HSIP	CE	55,000	6,111	61,111
Railroad St	1005755	2015	HSIP PYB	CN	15,300	1,700	17,000
APC Safety Analysis	UPWP	2017	HSIP PYB	---	40,000	4,444	44,444
McCUTCHEON Ped Safety	---	2017	HSIP PYB	PE	150,000	16,667	166,667
Sagamore Pkwy	1401287	2017	TAP	PE	211,819	52,955	264,774

WHEREAS, the Technical Transportation Committee reviewed the requests at its April 20, 2016 meeting and recommended their inclusion in the FY 2016-2019 Transportation Improvement Program, and

NOW THEREFORE BE IT RESOLVED that the Policy Board of the Metropolitan Planning Organization does hereby adopt these amendments to the FY 2016-2019 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday the 18th of May, 2016.


Tony Roswarski
President


Sallie Dell Fahey
Secretary

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

May 16, 2016
Ref. No.: 2016-111

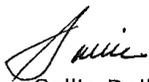
Susie Kemp, Local Program Director
INDOT Crawfordsville District
41 West 300 North
Crawfordsville, IN 47933

Dear Susie:

On May 12, 2016, the Policy Board amended the FY 2016-2019 TIP by Resolution T-16-06. The amendment updated the FY '17 federally funded local project lists. This was done for three reasons: 1) Earlier this year INDOT revised the amount of federal funding that was available; 2) Priorities for STP and HSIP funded projects were expanded to ensure that existing projects are adequately funded; and 3) Several projects were removed and new projects were added.

Enclosed you will also find a copy of the resolution and staff report. The TIP document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Jenny Leshney, Lafayette City Engineer
Dave Buck, West Lafayette City Engineer
Opal Kuhl, Executive Director
Justin Sergent, INDOT Central Office
Stephani Vermillion, INDOT Central Office

BACKGROUND AND REQUEST:

The APC staff requests a TIP amendment to update the Fiscal Year 2017 federally funded local project lists. There are several reasons for the update.

The first reason is because the amount of federal funds available in each of the funding categories has changed. The TIP was developed early in 2015. In February of 2016, INDOT revised the amount of funding available for Fiscal Year 2016 as well as FY 2017. Our final allocations are \$3,987,859 in Surface Transportation Program (STP) funds, \$391,015 in Highway Safety Improvement Program (HSIP) safety funds and \$211,819 in Transportation Alternative Program (TAP) funds. These allocations reflect flexing half of our HSIP funds to STP.

Secondly, the priorities for STP funded projects have been expanded to ensuring that existing projects are adequately funded. Three STP funded projects are removed from the list (Kingston Road improvements, the Star City Trail, and the South 9th Street project). STP funds are now being allocated to: Lindberg Road (RW), Cherry Lane Roundabout (PE), funding change orders for Happy Hollow and South 18th Street, the bicycle and pedestrian safety education program, railroad flagging for the Myers Bridge, River Road at CR 500N (RW) and the pedestrian crossing at South and Scott Streets.

There are fewer changes for the use of HSIP funds. Additional funding was added to the pedestrian crossing at South and Scott Streets for construction engineering. The Cherry Lane Roundabout project was removed from safety funding, but as mentioned previously, it will now be funded with STP funds. The APC safety analysis review was reduced and funds are now allocated for an anticipated safety project at McCutcheon High School (PE).

There are no project changes for TAP funds.

The following table shows which projects will be funded and the amount of federal funds allocated to each project. For all three funding categories, the tables show that the amount programmed equals the amount allocated, thus the tables are financially constrained.

The 2040 MTP recommends that 10% of this community's STP funds go to independent non-motorized projects that are not part of a larger road project. Staff recalculated the percentage and determined that the non-motorized setaside will be met by the 2017 project list.

The Technical Transportation Committee reviewed all the amendment requests at its April 20, 2016 meeting and recommended approval.

Fiscal Year 2017 Funding Proposal

GROUP II STP	Des Number	TIP Allocation	Annual Allocation 3,987,859	PYB Balance 4,680,520
Morehouse Rd, PE	1401280	400,000	400,000	-
Twyckenham Blvd, PE	1401285	360,000	360,000	-
North Street, CN	1172413	320,000	320,000	-
Yeager Road, PE	1401281	400,000	400,000	-
Soldier Home Road Ph. 1, PE	1401291	644,389	644,389	-
Klondike Road, RW	1173626	525,600	525,600	-
South/Scott St Ped Xing, CN	1400566	26,175	26,175	-
River Rd at CR 500N, RW	1401279	228,695	228,695	-
Lindberg Road, RW	1173627	333,000	333,000	-
Cherry Lane RAB, PE	NEW	450,000	450,000	-
Happy Hollow, CO	0900002	250,000	250,000	-
South 18th St, CO	1172009	50,000	50,000	-
Bike/Ped Safety Education	NEW	30,000	-	30,000
Myers Bridge, RR Flagging	1172458	72,000	-	72,000
Total STP Projects		4,089,859	3,987,859	102,000
Balance at end of 2017			-	4,578,520

HSIP	Des Number	TIP Allocation	Annual Allocation 391,015	PYB Balance 1,310,132
South/Scott St Ped Xing, CN	1400566	387,825	336,015	51,810
South/Scott St Ped Xing, CE	1400566	55,000	55,000	-
Railroad Street Lighting, CN	1005755	15,300	-	15,300
APC Safety Analysis	UPWP	40,000	-	40,000
McCutcheon Ped Safety, PE	NEW	150,000	-	150,000
Total HSIP Projects		648,125	391,015	257,110
Balance at end of 2017			-	1,053,022

TAP	Des Number	TIP Allocation	Annual Allocation 211,819	PYB Balance 329,487
Sagamore Parkway Trail, PE	1401287	211,819	211,819	-
Total TAP Projects		211,819	211,819	-
Balance at end of 2017			-	329,487

RECOMMENDATION:

Staff recommends approval of this amendment to the FY 2016-2019 Transportation Improvement Programs by adoption of the attached Resolution T-16-06.

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

June 1, 2016
Ref. No.: 2016-121

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

Dear Susie:

This letter verifies that two new local public agency projects were amended into the FY 2016-2019 TIP by action of the Policy Board on May 12, 2016, Resolution T-16-06 (already sent). The first project is a Bike/Ped Safety Education project in which the lead agency will be the City of Lafayette. The project has been assigned des number 1601000 and the amendment allocated \$30,000 in FY 2017 STP PYB funds. The total project cost is \$37,500 and the local match is \$7,500.

The second project is the McCutcheon Ped Safety project, des #1601028 and the sponsor is Tippecanoe County. The TIP amendment allocated \$150,000 in FY 2017 HSIP PYB funds with a total cost of \$166,667. The local match is \$16,667.

The TIP document has been updated and is available on the APC web page. Please call or email if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

C. Signed Resolution T-16-06

TIP Amendment # 26
June 20, 2016

Request by APC Staff

THE *Area Plan Commission*
of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

June 20, 2016
Ref. No. 2016-141

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

RE: TIP Administrative Modification to Correct Scrivener's Errors to Resolution T16-06

Dear Susie:

This Administrative Modification to the FY 2016 – 2019 TIP is intended to correct scrivener's errors in TIP Resolution T16-06 adopted by the Policy Board on May 18, 2016. The attached table contains these corrections.

The TIP document will be updated and placed on the APC website following concurrence that this Administrative Modification satisfies your needs for updating SPMS.

Sincerely,


Sallie Dell Fahey
Executive Director

Attachment: Administrative Modification 06-20-16 to Correct Scrivener's Errors to Resolution T16-06

c. Jeanette Wilson
Justin Sergent
Randy Walter
Stephani Vermillion

ADMINISTRATIVE MODIFICATION 06-20-16 TO CORRECT SCRIVENER'S ERRORS TO RESOLUTION T-16-06

Project	Des Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
Cherry Lane R-cabot	1401289	2017	HSP	RW	8,576	-9,576	0	0	0	Removes all HSP funds
Not Shown in SPMS		2017	HSP PYB	RW	141,424	-141,424	0	0	0	Removes all HSP PYB funds
		2017	STP	PE	0	450,000	450,000	112,500	562,500	Adds 450,000 in STP funds for PE phase
South 6 th Street	1401283	2017	STP	PE	534,131	-534,131	0	0	0	Removes all STP funds
Not Shown in SPMS		2017	STP PYB	PE	15,418	-15,418	0	0	0	Removes all STP PYB funds
		2017	None	PE	0	0	0	686,936	686,936	This phase to be funded with local funds.
Kinaston Trail	1401286	2017	STP	CN	600,000	-600,000	0	0	0	Removes all STP funds
Not Shown in SPMS		2017	None	CN	0	0	0	860,000	860,000	This phase to be funded with local funds.
South/Scott St Ped Xing	1400566	2017	HSP	CN	414,000	-77,985	336,015	37,335	373,350	Reduces 77,985 in HSP funds for construction
SPMS OK		2017	HSP	CE	0	55,000	55,000	6,111	61,111	Adds 55,000 in HSP funds for construction engineering
		2017	HSP PYB	CN	0	51,810	51,810	5,757	57,567	Adds 51,810 in HSP PYB funds for construction
		2017	STP	CN	0	26,175	26,175	6,544	32,719	Adds 26,175 in STP funds for construction
Lindberga Rd	1173627	2017	STP	RW	0	333,000	333,000	83,250	416,250	Adds 333,000 in STP funds for right-of-way
SPMS OK										
Soldiers Home Road	1401291	2017	STP	PE	520,000	124,389	644,389	161,097	805,486	Adds 124,389 in STP funds for preliminary engineering
Not Shown in SPMS										
River Rd at CR 500N	1401279	2017	STP	RW	0	228,695	228,695	57,174	285,869	Adds 228,389 in STP funds for right-of-way
Not Shown in SPMS										
Sagamore Pkwy Trail	1401287	2017	TAP	PE	209,438	2,381	211,819	52,955	264,774	Adds 2,381 in TAP funds for preliminary engineering
Not Shown in SPMS										
Star City Trail	1401284	2017	STP	PE	120,000	-120,000	0	80,000	80,000	Removes all STP funds
Not Shown in SPMS										
APC Safety Analysis	UPWP	2017	HSP to HSP PYB	---	60,000	-20,000	40,000	4,444	44,444	Reduces 20,000 and changes funds from HSP to HSP PYB
Happy Hollow	0900002	2017	STP	CN	0	250,000	250,000	62,500	312,500	Adds 250,000 in STP funds for construction (change orders)
SPMS OK										
S. 18 th Street	1172009	2017	STP	CN	0	50,000	50,000	12,500	62,500	Adds 50,000 in STP funds for construction (change orders)
SPMS OK										
Bike/Ped Safety Ed	1601000	2017	STP PYB	PE	0	30,000	30,000	7,500	37,500	Adds 30,000 in STP PYB funds
SPMS OK										
McCurtheen Ped Safety	1601028	2017	HSP PYB	PE	0	150,000	150,000	16,667	166,667	Adds 150,000 in HSP PYB funds
SPMS OK										

TIP Amendment # 27
July 12, 2016

Request by Town of Battle Ground and Tippecanoe County

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

July 12, 2016
Ref. No.: 2016-156

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 16-19 TIP. There are three projects involved. They include the Town of Battle Ground's North Street project (des #1172413), Tippecanoe County's Klondike Road project (des #1173626) and the City of West Lafayette's Soldiers Home Road project (des #1401291). This modification reallocates STP funds from the preliminary engineering phase of the Soldiers Home Road project to the preliminary engineering and construction phases of the North Street project and to the right-of-way phase of the Klondike Road project. All of these funds are within fiscal year 2017. The attached table summarizes the changes.

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

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Dave Buck, West Lafayette City Engineer
Opal Kuhl, Executive Director
Steve Egly, Town Council President
Justin Sargent, INDOT Central Office
Stephani Vermillion, INDOT Central Office

TIP ADMINISTRATIVE MODIFICATION, JULY 8, 2016

Project	Des Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
Soldiers Home Rd, Ph.	1401291	2017	STP	PE	644,389	-634,680	9,709	2,427	12,136	Reduces federal funds to be reallocated to North and Klondike projects.
North Street	1172413	2017	STP	PE	0	4,680	4,680	1,170	5,850	Federal funds to be used for supplement.
		2017	STP	CN	320,000	80,000	400,000	100,000	500,000	Additional federal funds added per notice of engineering
Klondike Road	1173656	2017	STP	RW	525,600	550,000	1,075,600	2,68,900	1,344,500	Additional federal funds added per notice of engineering firm.

TIP Amendment # 28
July 14, 2016

Request by INDOT

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

July 14, 2016
Ref. No.: 2016-172

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 16-19 TIP in regard to the Wabash Heritage Trail project within Prophetstown State Park, des #0810383. Currently the TIP shows a total construction cost of \$1,646,614 with \$1,337,291 in FY '16 Transportation Alternative Funds. INDOT requested that the amounts shown in the TIP be reduced to \$1,165,870 in Transportation Alternative funds and \$291,467 in State Funds. The attached table summarizes the changes.

This letter replaces the one sent yesterday with the same reference number. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Justin Sergent, INDOT Central Office
Stephani Vermillion, INDOT Central Office

TIP ADMINISTRATIVE MODIFICATION, JULY 13, 2016

Project	Des Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
Wabash Heritage Trail	0810383	2016	TA	CN	1,337,291	-171,421	1,165,870	291,467	1,457,337	Reduces federal and state funds per INDOT's request.

TIP Amendment # 29
July 14, 2016

Request by INDOT

Resolution T-16-07

RESOLUTION TO AMEND THE
FY 2016-2019 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 and include 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 2016-2019 Transportation Improvement Program as summarized in the attached table, and

WHEREAS, the Technical Transportation Committee reviewed the requests at its June 15, 2016 meeting and recommended their inclusion in the FY 2016-2019 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 2016-2019 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday the 14th of July, 2016.



Tony Roswarski
President



Sallie Dell Fahey
Secretary

INDOT TIP AMENDMENT JULY 14, 2016, RESOLUTION T-16-07

Project	Des Number	Year (Before)	Federal Funding (Before)	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
SR 25	1296092	2017	STP	CN	648,000	-320,000	328,000	82,000	410,000	Reverses the total cost and the amount of federal/state funds.
SR 26	9608220	2016 2017	NHS NHPP	RW/ RW	32,000	-22,920 22,920	9,080 22,920	2,270 5,730	11,350 28,650	Reallocates a portion of the federal and state funds to FY '17.
SR 28	1592988	2016	State Funds	PE	0	400,000	400,000	10,000	50,000	Adds federal funds to the project (STP) and changes year to 2017.
SR 43	1592686	2016 2018	State Funds NHPP	PE CN	0	400,000 1,093,742	400,000 1,093,742	10,000 273,435	50,000 1,367,177	Adds federal funds to the project (NHPP) and changes year to 2017. Adds the construction phase to the TIP.
US 52	1500159	2016 2018	STP NHPP	PE CN	40,000	0 7,494,928	40,000 7,494,928	10,000 1,873,732	50,000 9,368,660	Changes fiscal year to 2017. Adds the construction phase to the TIP.
US 52	0800132	2016 2017 2016/17	NHS NHPP STP/NHS	PE PE RW	27,200	35,888 26,800 0	63,088 26,800 620,000	15,772 6,700 155,000	78,860 33,500 775,000	Increases the total cost and amount of federal/state funds. Adds a second year of funding. Changes federal funding (NHPP) and changes year to just 2017.
US 52	1592842	2016	NHS	PE	28,560	0	28,560	7,140	35,700	Changes the fiscal year to 2017 and type of federal funds (NHPP).
US 52	1600534	2016	NHPP	PE	0	17,043	17,043	4,261	21,204	Adds new project to the TIP.
SR 225	1593270	2016	State Funds	PE	0	40,000	40,000	10,000	50,000	Adds federal funds to the project (STP) and changes year to 2017.
US 231	1382313	2016	NHS	CN	43,200	0	43,200	10,800	54,000	Changes the fiscal year to 2017 and type of federal funds (NHPP).
US 231	1382314	2016	NHS	CN	43,200	0	43,200	10,800	54,000	Changes the fiscal year to 2017 and type of federal funds (NHPP).
US 231	1592841	2016	NHS	PE	40,000	0	40,000	10,000	50,000	Changes the fiscal year to 2017 and type of federal funds (NHPP).
I-65	0710471	2016	Interstate	PE	9,000	48,150	57,150	6,350	63,500	Increases the amount of funding and change type of federal funds (NHPP).
I-65	1005681	2017	Interstate	CN	5,760,000	5,940,000	11,700,000	1,300,000	13,000,000	Changes project scope and increases amount of funding.
I-65	1005682	2017	Interstate	CN	5,760,000	5,940,000	11,700,000	1,300,000	13,000,000	Changes project scope and increases amount of funding.
I-65	1500154	2016 2018	State Funds NHPP	PE CN	0	90,000 1,419,344	90,000 1,419,344	10,000 1,577,372	100,000 15,773,715	Adds federal funds to the project (NHPP) and changes year to 2017. Adds the construction phase to the TIP.
I-65	1500249	2017	NHPP	PE	0	52,470	52,470	5,830	58,300	Adds new project to the TIP.

INDOT TIP AMENDMENT JULY 14, 2016, RESOLUTION T-16-07

Project	Des Number	Year (Before)	Federal Funding (Before)	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
I-65	1500643	2018	Interstate	CN	682,200	0	682,200	75,000	758,000	Changes the fiscal year to 2017 and type of federal funds (NHPP).
I-65	1500644	2018	Interstate	CN	654,300	0	654,300	72,700	727,000	Changes the fiscal year to 2019 and type of federal funds (NHPP).
I-65	1592704	2016	Interstation	PE	45,000	0	45,000	5,000	50,000	Changes the fiscal year to 2017 and type of federal funds (NHPP).
I-65	1592705	2016	Interstate	PE	45,000	0	45,000	5,000	50,000	Changes the fiscal year to 2017 and type of federal funds (NHPP).
I-65	1592723	2016 2019	State Funds NHPP	PE CN	0 0	45,000 644,101	45,000 644,101	5,000 71,567	50,000 715,668	Adds federal funds to the project (NHPP) and changes year to 2017. Adds the construction phase to the TIP.
I-65	1592724	2016 2019	State Funds NHPP	PE CN	0 0	45,000 644,101	45,000 644,101	5,000 71,567	50,000 715,668	Adds federal funds to the project (NHPP) and changes year to 2017. Adds the construction phase to the TIP.
I-65	1592725	2016	Interstate	PE	45,000	0	45,000	5,000	50,000	Changes the fiscal year to 2017 and type of federal funds (NHPP).
I-65	1592726	2016	Interstate	PE	45,000	0	45,000	5,000	50,000	Changes the fiscal year to 2017 and type of federal funds (NHPP).

THE

Area Plan Commission

of TIPPECANOE COUNTY

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

July 14, 2016
Ref. No.: 2016-173

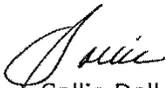
Mark Albers, Funds Manager
INDOT Crawfordsville District Office
41 W 300 North
Crawfordsville, IN 47933

Dear Mark:

On July 14, 2016, the Policy Board amended the FY 2016-2019 TIP by Resolution T-16-07. The amendment adjusts and programs 25 projects. Sixteen are bridge maintenance and improvement projects, seven are for pavement preservation and two are for environmental mitigation. Details for each project are described in the attached staff report and resolution.

The document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Randy Walter, INDOT Central Office
Stephani Vermillion, INDOT Central Office
Justin Sergent, INDOT Central Office

**FY 2016-2019 TIP Amendment
Indiana Department of Transportation**

**Staff Report
July 7, 2016**

BACKGROUND AND REQUEST:

The Indiana Department of Transportation requested an extensive TIP amendment to adjust and program 25 projects located on every state and federal road in Tippecanoe County. Sixteen are bridge maintenance and improvement projects and seven are for pavement preservation. The remaining two projects are for environmental mitigation. A large number of the changes are for preliminary engineering and involve either changing the fiscal year, changing the amount programmed or adding federal funds. The construction phase is being added to five projects which are located on SR 43, US 52 and I-65. There are two new projects, one located at the corner of 52/231 and South River Road and the other located within Prophetstown State Park. Both are for environmental mitigation.

The following summaries highlight the changes to each individual project.

SR 25: Bridge Deck Overlay, bridge over the Wea Creek (1296092)

	Phase	Year	Federal Funds	Federal	State	Total
Before	CN	2017	STP	648,000	162,000	810,000
After	CN	2017	STP	328,000	82,000	410,000

SR 26: Bridge Replacement, bridge over South Fork of Wildcat Creek (9608220)

	Phase	Year	Federal Funds	Federal	State	Total
Before	RW	2016	NHS	32,000	8,000	40,000
After	RW	2016	NHS	9,080	2,270	11,350
After	RW	2017	NHPP	22,920	5,730	28,650

SR 28: Road Rehabilitation, from US 231 to US 52 (1592968)

	Phase	Year	Federal Funds	Federal	State	Total
Before	PE	2016	State Funds	0	50,000	50,000
After	PE	2017	STP	40,000	10,000	50,000

SR 43: HMA Overlay, north of SR 225 to about a half mile south of SR 18 (1592686)

	Phase	Year	Federal Funds	Federal	State	Total
Before	PE	2016	State Funds	0	50,000	50,000
After	PE	2017	NHPP	40,000	10,000	50,000
New	CN	2018	NHPP	1,093,742	273,435	1,367,177

US 52: HMA Overlay, 30th Street to just north of Stockwell Road (1500159)

	Phase	Year	Federal Funds	Federal	State	Total
Before	PE	2016	STP	40,000	10,000	50,000
After	PE	2017	STP	40,000	10,000	50,000
New	CN	2018	NHPP	7,494,928	1,873,732	9,368,660

US 52: Road Reconstruction, from 0.21 to 3.21 miles north of US 231 (0800132)

	Phase	Year	Federal Funds	Federal	State	Total
Before	PE	2016	NHS	27,200	6,800	34,000
After	PE	2016	NHPP	63,088	15,772	78,860
After	PE	2017	NHPP	26,800	6,700	33,500
Before	RW	2016	STP	556,000	139,000	695,000
Before	RW	2017	NHS	64,000	16,000	80,000
After	RW	2017	NHPP	620,000	155,000	775,000

US 52: PCCP Patching, from bridge over the Wabash River to SR 25 (1592842)

	Phase	Year	Federal Funds	Federal	State	Total
Before	PE	2016	NHS	28,560	7,140	35,700
After	PE	2017	NHPP	28,560	7,140	35,700

US 52, Environmental Mitigation, US 52/231 at River Road (1600534)

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2016	NHPP	17,043	4,261	21,204

SR 225: Bridge Deck Overlay, bridge over the Wabash River (1593270)

	Phase	Year	Federal Funds	Federal	State	Total
Before	PE	2016	State funds	0	50,000	50,000
After	PE	2017	STP	40,000	10,000	50,000

US 231: Scour Protection, north bound bridge over the Wabash River (1382313)

	Phase	Year	Federal Funds	Federal	State	Total
Before	CN	2016	NHS	43,200	10,800	54,000
After	CN	2017	NHPP	43,200	10,800	54,000

US 231: Scour Protection, south bound bridge over the Wabash River (1382314)

	Phase	Year	Federal Funds	Federal	State	Total
Before	CN	2016	NHS	43,200	10,800	54,000
After	CN	2017	NHPP	43,200	10,800	54,000

US 231: PCCP Patching, from SR 25 to 3.39 miles south of SR 25 (1592841)

	Phase	Year	Federal Funds	Federal	State	Total
Before	PE	2016	NHS	40,000	10,000	50,000
After	PE	2017	NHPP	40,000	10,000	50,000

I-65: Bridge Deck Replacement, at Swisher Road (0710471)

	Phase	Year	Federal Funds	Federal	State	Total
Before	PE	2016	Interstate	9,000	1,000	10,000
After	PE	2016	NHPP	57,150	6,350	63,500

I-65: Bridge Deck Replacement & Widening, north bound bridge over Wabash River (1005681)

	Phase	Year	Federal Funds	Federal	State	Total
Before	CN	2017	Interstate	5,760,000	640,000	6,400,000
After	CN	2017	NHPP	11,700,000	1,300,000	13,000,000

I-65: Bridge Deck Replacement & Widening, south bound bridge over Wabash River (1005682)

	Phase	Year	Federal Funds	Federal	State	Total
Before	CN	2017	Interstate	5,760,000	640,000	6,400,000
After	CN	2017	NHPP	11,700,000	1,300,000	13,000,000

I-65: HMA Overlay, from 1.71 miles north of SR 43 to US 231 (1500154)

	Phase	Year	Federal Funds	Federal	State	Total
Before	PE	2016	State Funds	0	50,000	50,000
After	PE	2017	NHPP	90,000	10,000	100,000
New	CN	2018	NHPP	14,196,344	1,577,372	15,773,715

I-65: Environmental Mitigation, at Prophetstown State Park (1500249)

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2017	NHPP	52,470	5,830	58,300

I-65: Bridge Deck Overlay, CR 900E Bridge (1500643)

	Phase	Year	Federal Funds	Federal	State	Total
Before	CN	2018	Interstate	682,200	75,800	758,000
After	CN	2017	NHPP	682,200	75,800	758,000

I-65: Bridge Deck Overlay, CR 725N Bridge (1500644)

	Phase	Year	Federal Funds	Federal	State	Total
Before	CN	2018	Interstate	654,300	72,700	727,000
After	CN	2019	NHPP	654,300	72,700	727,000

I-65: Bridge Deck Overlay, north bound bridge over Prophets Rock Road (1592704)

	Phase	Year	Federal Funds	Federal	State	Total
Before	PE	2016	Interstate	45,000	5,000	50,000
After	PE	2017	NHPP	45,000	5,000	50,000

I-65: Bridge Deck Overlay, south bound bridge over Prophets Rock Road (1592705)

	Phase	Year	Federal Funds	Federal	State	Total
Before	PE	2016	Interstate	45,000	5,000	50,000
After	PE	2017	NHPP	45,000	5,000	50,000

I-65: Bridge Deck Overlay, north bound bridge over SR 43 (1592723)

	Phase	Year	Federal Funds	Federal	State	Total
Before	PE	2016	State Funds	0	50,000	50,000
After	PE	2017	NHPP	45,000	5,000	50,000
New	CN	2019	NHPP	644,101	71,567	715,668

I-65: Bridge Deck Overlay, south bound bridge over SR 43 (1592724)

	Phase	Year	Federal Funds	Federal	State	Total
Before	PE	2016	State Funds	0	50,000	50,000
After	PE	2017	NHPP	45,000	5,000	50,000
New	CN	2019	NHPP	644,101	71,567	715,668

I-65: Bridge Deck Overlay, north bound bridge over Burnett's Creek (1592725)

	Phase	Year	Federal Funds	Federal	State	Total
Before	PE	2016	Interstate	45,000	5,000	50,000
After	PE	2017	NHPP	45,000	5,000	50,000

I-65: Bridge Deck Overlay, south bound bridge over Burnett's Creek (1592726)

	Phase	Year	Federal Funds	Federal	State	Total
Before	PE	2016	Interstate	45,000	5,000	50,000
After	PE	2017	NHPP	45,000	5,000	50,000

The Technical Transportation Committee reviewed the amendment request at its June 15, 2016 meeting and recommended approval.

RECOMMENDATION:

Staff recommends approval of this amendment to the FY 2016-2019 Transportation Improvement Program by adoption of the attached Resolution T-16-07.

TIP Amendment # 30
July 14, 2016

Request by INDOT

Resolution T-16-08

RESOLUTION TO AMEND THE
FY 2016-2019 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 and include all local and state transportation projects for which US Department of Transportation funds are being requested, and

WHEREAS, the Indiana Department of Transportation and APC Staff requested changes to the FY 2016-2019 Transportation Improvement Program as summarized in the attached table, and

WHEREAS, the Technical Transportation Committee reviewed the requests at its July 20, 2016 meeting and recommended their inclusion in the FY 2016-2019 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 2016-2019 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday the 11th of August, 2016.


Tony Roswarski
President


Sallie Dell Fahey
Secretary

INDOT TIP AMENDMENT AUGUST 11, 2016, RESOLUTION T-16-08

Project	Dis Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
CSX RR Crossing at Lilly Road	1.600439	2018	Section 130	PE	0	20,000	20,000	0	20,000	Programs the PE phase.
		2019	Section 130	CN	0	320,000	320,000	0	320,000	
NS RR Crossing at West County Line Road	1.600441	2018	Section 130	PE	****	****	****	****	****	Programs project for informational purposes only. Project was amended into STIP through Amendment 16-15.
		2019	Section 130	CN	****	****	****	****	****	
APC Safety Analysis	1.601167	2017	HSIP PY8	---	40,000	0	40,000	10,000	50,000	Adds des number to the TIP.
Wabash Center Van Replacement	1.382393	2017	Section EQ	EQ	152,000	0	152,000	38,000	190,000	The grant was approved by INDOT (May 20, 2016). This amendment moves the project to the financially constrained table (Table 4: Funded Local Projects).

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

August 12, 2016
Ref. No.: 2016-201

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

Dear Susie:

On August 11, 2016, the Policy Board amended the FY 2016-2019 TIP by Resolution T-16-08. INDOT requested the amendment to program a railroad crossing protection project at the Lilly Road and CSX railroad crossing, des #1600439. In addition to this crossing, the amendment included programming a similar project at the Norfolk Southern Railroad crossing at West County Line Road. Since the STIP already includes this project, we will only show it in the TIP for informational purposes only and no funding information will be shown.

The amendment also included adding the des number to the APC Safety Analysis UPWP project and moving the Wabash Center van replacement project from the unfunded to funded table.

Enclosed you will find a copy of the resolution, summary table and staff report. The TIP document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Larry Buckel

**FY 2016-2019 TIP Amendment
Indiana Department of Transportation and APC Staff**

**Staff Report
August 4, 2016**

BACKGROUND AND REQUEST:

There are four TIP amendments requested: the Indiana Department of Transportation requested an amendment for two Section 130 railroad crossing projects, APC needs to add a designation (des) number for the Safety Analysis project and a Wabash Center project needs to move from the unfunded to the funded table and add the project des number.

A) INDOT

The CSX railroad crossing on Lilly Road has been selected to be upgraded through the State's Section 130 program. This is a special safety program that focuses on the elimination of hazards at railway-highway crossings. The projects are 100% federally funded, and include installing gates, flashers and bells. Preliminary engineering will begin in FY 2018 for \$20,000, with construction in FY 2019 for \$320,000. The project des number is 1600439 and the crossing number is #341349N.

INDOT will also upgrade the Norfolk Southern railroad crossing on West County Line Road in Wayne Township. This project is being added to the TIP for information purposes only because it is already in the STIP (Amendment 16-15). Preliminary engineering is scheduled in FY 2018, with construction in FY 2019. The project des number is 1600441 and the crossing number is #484327J.

B) APC Safety Analysis

A des number has been assigned by INDOT to the APC's Safety Analysis project in the FY 2017-2018 Unified Planning Work Program. Des number 1601167 will be added to the project.

C) Wabash Center

The FY 2016-2019 TIP currently shows a Wabash Center van replacement project as an Unfunded Local Projects (Table 5, project #15). The project has been approved for federal funding and a project designation number has been assigned. The des number is 1382393. This amendment moves the project from the unfunded table to Table 4, Funded Local Projects and adds the new designation number.

The Technical Transportation Committee reviewed the amendment request at its July 20, 2016 meeting and recommended approval.

RECOMMENDATION:

Staff recommends approval of this amendment to the FY 2016-2019 Transportation Improvement Program by adoption of the attached Resolution T-16-08.

**TIP Amendment # 31
October 7, 2016**

Request by City of West Lafayette

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

October 7, 2016
Ref. No.: 2016-240

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 2016 - 2019 TIP.

The first part of this modification reallocates FY 2017 STP and HSIP funds from five projects to the construction phase of the Kingston Trail project (des #1401286). This modification reallocates STP funds from four projects and HSIP funds from one project:

- \$9,709 from the preliminary engineering phase of the Soldiers Home Road project (des #1401291);
- \$450,000 from the preliminary engineering phase of the Cherry Lane Roundabout project (des #1401289);
- \$70,000 from the construction phase of the Happy Hollow project (des #0900002);
- \$120,000 from the preliminary engineering phase of the Morehouse Road project (des #1401280); and
- \$38,430 in HSIP funds are to be reallocated from the McCutcheon Pedestrian Safety project (des #1601028).

The combination of the four STP amounts total \$649,709 with an overall total of \$688,139 in STP and HSIP funds.

The second part of this modification reallocates \$120,000 in FY 2018 STP funds from the Happy Hollow Neighborhood Trail project (des #1401288) to the preliminary engineering phase of the Morehouse Road project (des #1401280).

The third part of this modification combines the Cherry Lane Extension (des # 1401290) and the Cherry Lane Roundabout project (des #1401289) into one project. The two projects will now be referred to as simply the Cherry Lane Extension project and the des number for the road extension project will be carried forward as the official des number.

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

Sincerely,



Sallie Dell Fahey
Executive Director

attachment

Planning for Lafayette, West Lafayette, Dayton, Battle Ground, Clarks Hill and Tippecanoe County

TIP ADMINISTRATIVE MODIFICATION, OCTOBER 5, 2016

Project	Des Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
Soldiers Home Rd., Ph. 1	1401291	2017	STP	PE	9,709	9,709	0	0	0	Reallocates the balance of STP funds to the Kingston Trail (CN)
Cherry Lane Roundabout	1401289	2017	STP	PE	450,000	450,000	0	0	0	Reallocates the entire amount of STP funds to the Kingston Trail (CN)
Happy Hollow	0900002	2017	STP	CO	250,000	70,000	180,000	45,000	225,000	Reallocates a portion of STP funds to the Kingston Trail (CN)
Morehouse Road	1401280	2017	STP	PE	400,000	120,000	280,000	70,000	350,000	Reallocates a portion of STP funds to the Kingston Trail (CN)
McCurcheon Fed Safety	1601028	2017	HSIP	PE	150,000	38,430	111,570	12,397	123,967	Reallocates a portion of HSIP funds to the Kingston Trail (CN)
Kingston Trail	1401286	2017	STP	CN	0	649,709	649,709	162,427	812,136	Additional federal funds from five projects
		2017	HSIP	CN	0	38,430	38,430	4,270	42,700	
Happy Hollow Nhbhd Trail	1401288	2018	STP PYB	CN	148,931	120,000	28,931	7,233	36,164	Reallocates a portion of STP funds to the Morehouse Rd (PE)
Morehouse Road	1401280	2018	STP PYB	PE	0	120,000	120,000	30,000	150,000	Reallocates a portion of STP funds from Happy Hollow Nhbhd Trail (CN)
Cherry Lane Roundabout	1401289	2019	HSIP	CN	422,576	422,576	0	0	0	Combine the roundabout project into the Cherry Lane Extension Project
		2019	HSIP PYB	CN	416,061	416,061	0	0	0	Combine the roundabout project into the Cherry Lane Extension Project
										Delete the Cherry Lane Roundabout des #
Cherry Lane Extension	1401290	2019	HSIP	CN	0	422,576	422,576	46,953	469,529	Additional funding from the roundabout project
		2019	HSIP PYB	CN	0	416,061	416,061	46,229	462,290	Additional funding from the roundabout project

TIP Amendment # 32
October 11, 2016

Request by INDOT

THE

Area Plan Commission

of TIPPECANOE COUNTY

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LAFAYETTE, INDIANA 47901-1209

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

October 11, 2016
Ref. No.: 2016-255

Mark Albers, Funds Manager
Indiana Crawfordsville District Office
153 W 300N
Crawfordsville, IN 47933

Dear Mark:

By this letter I am administratively modifying the FY 2016-2019 TIP for an INDOT project. This modification programs a tree removal and trimming contract to clear the area around the I-65 Wabash River bridges. This is to be done in advance of the deck replacement and widening projects which are currently on a March 2017 letting. This project needs to be let before January 2017 and the normal TIP/STIP amendment process does not allow enough time to amend the project into both documents.

The project des number is 1601256 and the total cost is \$307,000. INDOT intends to use NHPP federal funds in the amount of \$276,300 with a state match of \$30,700.

The document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

TIP ADMINISTRATIVE MODIFICATION, OCTOBER 11, 2016

Project	Des Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
I-65	1.601256	2017	NHPP	CN	0	276,300	276,300	30,700	307,000	Programs new project through TIP modification.

**TIP Amendment # 33
October 11, 2016**

Request by City of Lafayette

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

October 11, 2016
Ref. No.: 2016-257

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 2016 - 2019 TIP.

The City of Lafayette requested the modification due to a higher than anticipated cost of preliminary engineering of the Twyckenham project (des #1401285). The City needs an additional \$58,336 in STP Funds.

This modification reallocates \$50,000 in FY '17 STP Funds from the South 18th Street project (des #1172009) and \$8,336 from the South Street Pedestrian project (des #1400566). Because this action reduces the amount of federal funding to the South Street project, in order to make that project whole, this modification shifts \$8,336 in HSIP PYB funds from the McCutcheon Pedestrian Safety Project (des #1601028) to the South Street project.

The attached spreadsheet summarizes the changes.

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

Sincerely,



Sallie Dell Fahey
Executive Director

attachment

TIP ADMINISTRATIVE MODIFICATION, OCTOBER 12, 2016

Project	Des Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
Twyckenham	1401285	2017	STP	PE	340,000	58,336	418,336	104,584	522,920	Programs new project though TIP modification.
South 18th Street	1172009	2017	STP	CO	50,000	-50,000	0	0	0	Programs all STP funds to the Twyckenham Project (PE)
McCurcheon Ped Safety	1601028	2017	HSIP PYB	CO	111,570	-8,336	103,234	11,470	114,704	Programs 8,336 to the CN phase of the South Street project
South Street	1400566	2017	STP	CN	26,175	-8,336	17,839	4,460	22,299	Moves STP funds to the Twyckenham Project (PE)
		2017	HSIP PYB	CN	51,810	8,336	60,146	15,037	75,183	Restores full Federal funding to South Street project and the HSIP PYB funds come from the McCurcheon Ped Safety Project

**TIP Amendment # 34
October 13, 2016**

Request by APC Staff

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

October 13, 2016
Ref. No.: 2016-259

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

Dear Susie:

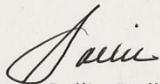
By this letter I am administratively modifying the FY 2016 - 2019 TIP. This modification adjusts our Prior Year Balance allocation in fiscal years 2018 and 2019 to financially constrain the remaining balance of funds. The following three adjustments are part of this modification:

- In FY 2018, the remaining balance of \$28,931 in STP PYB funds from the Happy Hollow Neighborhood Trail project (des #1401288) is to be removed.
- In FY 2019, the amount of STP PYB funds for the Concord Road/430S project (des #1401282) is to be reduced by \$57,651.
- IN FY 2019, an additional \$29,614 in HSIP PYB funds are to be added to the construction phase of the Concord Road/430S project (des #1401282).

The attached spreadsheet summarizes the changes.

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

Sincerely,



Sallie Dell Fahey
Executive Director

attachment

TIP ADMINISTRATIVE MODIFICATION, OCTOBER 14, 2016

Project	Des Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
Happy Hollow Trail	1401288	2018	STP PYB	PE	28,931	-28,931	0	0	0	Removes all funding
Concord Road	1401282	2019	STP PYB	CN	387,877	-57,651	330,226	82,557	412,783	Programs all STP funds to the Twyckenham Project (PE)
		2019	HSIP PYB	CN	579,794	29,614	609,408	67,712	677,120	Programs the remaining HSIP PYB funds

**TIP Amendment # 35
November 7, 2016**

Request by APC Staff

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

November 7, 2016
Ref. No.: 2016-277

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

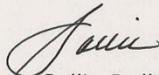
Dear Susie:

By this letter I am administratively modifying the FY 2016-2019 TIP concerning the High Priority Project funds that were specifically allocated to the City of West Lafayette through SAFETEA-LU. We recently received notice that these funds can now be repurposed to other projects. Currently the TIP shows \$575,655 programmed for the Purdue Master Plan, Phase 1A Part 2, des #1005930. This modification reallocates the funds to the preliminary engineering phase of the Cherry Lane Extension project, des #1401290. This modification also removes the Purdue Master Plan project from the TIP.

The attached table summarizes the changes.

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

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Ed Garrison, City Engineer, City of West Lafayette
Justin Sergent, INDOT Central Office
Stephani Vermillion, INDOT Central Office

TIP ADMINISTRATIVE MODIFICATION, NOVEMBER 7, 2016

Project	Des Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
Purdue Master Plan	1005930	2017	HPP	PE	575,655	-575,655	0	0	0	Removes all federal funds and removes project from TIP.
Cherry Lane Extension	1401290	2017	HPP	PE	0	575,655	575,655	143,914	719,569	Add federal funds to PE phase of project

TIP Amendment # 36
November 10, 2016

Request by INDOT

Resolution T-16-09

RESOLUTION TO AMEND THE
FY 2016-2019 TRANSPORTATION IMPROVEMENT PROGRAM

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

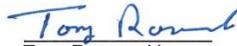
WHEREAS, it is required that a Transportation Improvement Program be developed and include all local and state transportation projects for which US Department of Transportation funds are being requested, and

WHEREAS, the Indiana Department of Transportation requested changes to the FY 2016-2019 Transportation Improvement Program for ten projects as summarized in the attached table, and

WHEREAS, the Technical Transportation Committee reviewed the requests at its October 19, 2016 meeting and recommended their inclusion in the FY 2016-2019 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 2016-2019 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday the 10th of November, 2016.



Tony Roswarski
President



Sallie Dell Fahey
Secretary

INDOT TIP AMENDMENT NOVEMBER 10, 2016, RESOLUTION T-16-09

Project	Des Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
SR 26 Bridge over the South Fork of the Wildcat Creek	9608220	2017	NHPP	CN	3,262,400	1,639,600	4,892,000	1,223,000	6,115,000	Increases federal and state funding and changes federal funding type
US 52 from 0.21 to 3.21 miles east of US 231	0800132	2018	NHPP	CN	4,348,800	0	4,348,800	1,092,200	5,441,000	Changes fiscal year from 2017 to 2018 and changes federal fund type from STP to NHPP
US 52 at various interchanges	1172176	2018	HSIP	CN	630,000	0	630,000	0	630,000	Changes fiscal year from 2017 to 2018
US 52 at 4th Street & Poland Hill	1500277	2018	NHPP	CN	639,200	0	639,200	159,800	799,000	Changes fiscal year from 2017 to 2018 and changes federal funding type from NHS to NHPP
I-65 Northbound bridge over the Wabash River	1005681	2017	NHPP	PE	0	1,611,460	1,611,460	17,940	1,217,700	New project phase being programmed into the TIP/STIP
I-65 Southbound bridge over the Wabash River	1005682	2017	NHPP	CN	11,700,000	0	11,700,000	1,300,000	13,000,000	Only change is the they type of project
I-65 4.59 miles south of SR 28 to 3.44 miles south of SR 38	1382656	2017	NHPP	PE	0	1,610,991	1,610,991	17,899	1,789,900	Adds PE to the project
		2017	NHPP	CN	10,746,000	10,619,100	21,365,100	2,373,900	23,739,000	Changes funding type and increases both federal and state funding
Various Bridge Maintenance/Repair	1601142	2017	NHPP	PE	0	48,000	48,000	12,000	60,000	New project
		2017	NHPP	CN	0	800,000	800,000	200,000	1,000,000	New project
Various Patch & Rehab Pavement	1601143	2017	NHPP	PE	0	48,000	48,000	12,000	60,000	New project
		2017	NHPP	CN	0	800,000	800,000	200,000	1,000,000	New project
Special Bike Proprietors State Park	1601189	2017	NHPP	CN	0	270,400	270,400	67,400	338,000	New project

THE

Area Plan Commission

of TIPPECANOE COUNTY

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

November 14, 2016
Ref. No.: 2016-292

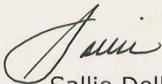
Mark Albers, Funds Manager
INDOT Crawfordsville District Office
41 W 300 North
Crawfordsville, IN 47933

Dear Mark:

On November 10, 2016, the Policy Board amended the FY 2016-2019 TIP by Resolution T-16-09. The amendment adjusts and programs ten INDOT projects. Four of them are road projects, three are bridge projects, two are intersection projects and one is an environmental mitigation project. Details for each one are described in the attached staff report, resolution and amendment summary.

The document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Cat Schoenherr, INDOT Central Office
Stephani Vermillion, INDOT Central Office
Justin Sergent, INDOT Central Office

**FY 2016-2019 TIP Amendment
Indiana Department of Transportation**

**Staff Report
November 1, 2016**

BACKGROUND AND REQUEST:

The Indiana Department of Transportation requested an amendment for 10 projects. Most of them are located on SR 26, US 52, I-65 and in the State Park. Two of them are at “Various Locations” throughout the Crawfordsville District. Four of them are road projects (from maintenance to reconstruction), three are bridge projects (maintenance, reconstruction and widening), and two are at intersections (improvements and traffic signal modernization). The last is an environmental mitigation project to restore the failed embankment stabilization that was constructed along the Wabash River. Nearly all of the changes are to construction phases.

The following summaries highlight the changes to each individual project.

SR 26: Bridge Replacement, Bridge over the South Fork of the Wildcat Creek (9608220)

	Phase	Year	Federal Funds	Federal	State	Total
Before	CN	2017	NHS	3,262,400	815,400	4,077,800
After	CN	2017	NHPP	4,892,000	1,223,000	6,115,000

US 52: Road Reconstruction, from 0.21 to 3.21 miles east of US 231 (0800132)

	Phase	Year	Federal Funds	Federal	State	Total
Before	CN	2017	STP	4,368,800	1,092,200	5,461,000
After	CN	2018	NHPP	4,368,800	1,092,200	5,461,000

US 52: Traffic Signal Modernization, At various intersections (1172176)

	Phase	Year	Federal Funds	Federal	State	Total
Before	CN	2017	Safety	630,000	0	630,000
After	CN	2018	HSIP	630,000	0	630,000

US 52: Intersection Improvements with New Signal, at 4th Street/Poland Hill (1500277)

	Phase	Year	Federal Funds	Federal	State	Total
Before	CN	2017	NHS	639,200	159,800	799,000
After	CN	2018	NHPP	639,200	159,800	799,000

I-65: Bridge Deck Replacement and Widening, northbound bridge over the Wabash River (1005681)

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2017	NHPP	161,460	17,940	121,700

I-65: Bridge Deck Replacement and Widening, southbound bridge over the Wabash River (1005682)

Phase	Year	Federal Funds	Federal	State	Total
<i>Only change type of Project to: Bridge Deck Replacement and Widening</i>					

I-65, Functional Overlay, 4.59 miles south of SR 28 to 3.44 miles south of SR 38 (1382656)

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2017	NHPP	161,091	17,899	178,990
Before	CN	2017	Interstate	10,746,000	1,194,000	11,940,000
After	CN	2017	NHPP	21,365,100	2,373,900	23,739,000

Various, Bridge Maintenance/Repair, various locations in District (1601142)

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2017	NHPP	48,000	12,000	60,000
New	CN	2017	NHPP	800,000	200,000	1,000,000

Various: Patch & Rehab Pavement, various locations in District (1601143)

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2017	NHPP	48,000	12,000	60,000
New	CN	2017	NHPP	800,000	200,000	1,000,000

Special Bike: Environmental Mitigation, Prophetstown State Park (1601189)

	Phase	Year	Federal Funds	Federal	State	Total
New	CN	2017	NHPP	270,400	67,600	338,000

RECOMMENDATION:

Staff recommends approval of this amendment to the FY 2016-2019 TIP by adoption of the attached Resolution T-16-09

TIP Amendment # 37
January 12, 2017

Request by CityBus

Resolution T-17-01

RESOLUTION TO AMEND THE
FY 2016-2019 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 and include all local and state transportation projects for which US Department of Transportation funds are being requested, and

WHEREAS, the Greater Lafayette Public Transportation Corporation (CityBus) has requested changes to the FY 2016-2019 Transportation Improvement Program as follows:

Projects	Des Number	Year (CY)	Federal Share	Local Share	Total Cost
Operating Assistance	1382373	2017	1,660,816	10,194,722	11,855,538
Tires	1382381	2017	56,000	14,000	70,000
Bus Overhauls: Engines	1382382	2017	48,800	12,200	61,000
Bus Overhauls: Transmissions	1382383	2017	59,200	14,800	74,000
Bus Overhauls: Components	1382384	2017	22,400	5,600	28,000
Computer Hardware & Software	1382385	2017	40,000	10,000	50,000
Fixed Route Buses	1382386	2017	1,520,000	380,000	1,900,000
Vehicles Camera Systems	1500388	2017	48,000	12,000	60,000
Office Equipment	1700066	2017	6,400	1,600	8,000
Shop Lighting Upgrades	1700067	2017	48,800	12,200	61,000
Paratransit Bus	1700068	2107	63,066	15,766	78,832
Travel Training Program	1700069	2017	45,138	11,285	56,423
Bus Stop Evaluation	1700070	2017	8,000	2,000	10,000

WHEREAS, the Greater Lafayette Public Transportation Corporation Board of Directors reviewed and approved the revised transit projects at its December 21, 2016 meeting and,

WHEREAS, the Technical Transportation Committee reviewed the request at its December 21, 2016 meeting and recommended its inclusion in the FY 2016-2019 Transportation Improvement Program, and

NOW THEREFORE BE IT RESOLVED that the Policy Board of the Metropolitan Planning Organization does hereby adopt this amendment to the FY 2016-2019 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday the 12th of January, 2017.



John R. Dennis
President



Sallie Dell Fahey
Secretary

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

January 13, 2017
Ref. No.: 2017-018

Larry Buckel, Transit Office Manager
INDOT Room N955-Trans
100 North Senate Avenue
Indianapolis, IN 46204-2249

Dear Larry:

On January 12, 2017, the Policy Board amended the FY 2016-2019 TIP by Resolution T-17-01. The amendment includes updating CityBus's CY 2017 operating, capital and planning projects. Funding for operations in CY 2017 has been reduced overall but the transit agency plans to use more federal and local funds. The capital project list has been revised. Four new projects have been added and the anticipated funds needed for four already programmed projects have been changed. One new planning project has been programmed. The enclosed staff report and resolution provide the specific details.

The TIP document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Marty Sennett, General Manager
Cat Schoenherr, Development Specialist
Susie Kemp, INDOT Crawfordsville Office

BACKGROUND AND REQUEST:

GLPTC requests an amendment to program additional federal funds awarded by the Indiana Department of Transportation (INDOT), and CY 2017 unallocated Section 5307 funds for its 2017 operating, capital and planning list of projects. GLPTC will utilize \$221,486 in CY 2016 carryover funds from Section 5307, \$108,204 in CY 2017 Section 5310 funds awarded by INDOT, and \$1,379,430 in unallocated CY 2017 Section 5307 funds.

The table below summarizes the sources of all new federal funds:

FY2016 Section 5307 Carryover:	\$221,486
FY2017 Section 5310:	\$108,204
<u>FY2017 Section 5307 Unallocated:</u>	<u>\$1,370,430</u>
Total:	\$1,700,120

CityBus requests adjustments to their CY 2017 operating, capital and planning expenditures. The following tables summarize the changes:

Before Amendment:

<u>Year</u>	<u>Project</u>	<u>Federal</u>	<u>Local</u>	<u>Total Cost</u>
2017	Operating Assistance	\$1,120,000	\$6,335,348	\$12,142,715
2017	Capital Assistance	\$1,926,500	\$481,625	\$2,408,125
2017	Planning Assistance	\$0	\$0	\$0

After Amendment:

<u>Year</u>	<u>Project</u>	<u>Federal</u>	<u>Local</u>	<u>Total Cost</u>
2017	Operating Assistance	\$1,660,816	\$10,194,722	\$11,855,538
2017	Capital Assistance	\$1,957,804	\$489,451	\$2,447,255
2017	Planning Assistance	\$8,000	\$2,000	\$10,000

A portion of the new federal funds will be used for operating expenses (source is Section 5307). CityBus reviewed its 2017 project list and has decided to change the scope of four already programmed capital projects (bus overhauls: transmissions, computer hardware and software, fixed route buses, and vehicle camera systems). Four new capital projects are also planned (office equipment, lighting upgrades, a paratransit bus, and travel training program). A new planning project will involve an evaluation of all bus stops. The following justification is provided by CityBus for the updated and new projects:

Operating Assistance - \$11,855,538, Des #1382373

Growth in state operating funds for transit, known as the Public Mass Transit Fund (PMTF), and local taxes, have not kept pace with growth in expense. GLPTC needs to use more of its section 5307 appropriation of federal funds to offset increasing operating costs. An additional \$540,816 in section 5307 funds will be used for operating assistance. The addition of the route 9 Park East bus and one additional bus on route 4B necessitates the additional need for operating assistance.

Rebuild or Replace Bus Transmissions, \$74,000, Des #1382383

In 2017 GLPTC's first hybrid buses, purchased in 2007, will enter their tenth year of service. There are currently 22 hybrid buses in the fleet, ranging in age from two to seven

years. Repair or replacement of hybrid transmission components such as hybrid drives and batteries can cost as much as \$50,000. GLPTC anticipates repairing or replacing transmission components for one hybrid bus in 2017.

Computer Hardware and Software - \$50,000 Des #1382385

GLPTC has invested heavily in information technology systems to manage the operation of public transportation service and to provide real-time passenger information to riders. Our operation and riders depend on these services to be reliable. CityBus is programming additional funds for necessary upgrades and replacements of old technology systems in CY2017. Many of the systems to be replaced are five years old or older.

Fixed Route Bus Replacement - \$1,900,000, Des #1382386

In 2015 GLPTC entered into a contract with New Flyer of America for Compressed Natural Gas (CNG) buses at a lower cost per unit than GLPTC anticipated when the TIP was first produced. At that time, more expensive hybrid buses were being procured. This project's total cost will be reduced by \$265,125. GLPTC is changing the quantity of full-sized buses to be replaced in 2017 to allow for greater flexibility in bus procurements depending upon negotiation of a multi-year operating contract with Purdue University. Currently there are eleven articulated buses in the fleet, six of which date to 1998 which is many years past useful life. If the contract with Purdue is extended, GLPTC will procure two 60' articulated buses to replace two of the 1998 New Flyer Articulated Buses (#715, #716, #717, #718, #719, or #720), and one 40' bus (2002 Gillig Bus #1202). If the contract is not extended then GLPTC will purchase four 40' buses to replace 2002 Gillig Buses #1202, #1203, #1204, and #1205, as exists in the 2017 annual element. Buses will be replaced per FTA guidelines as outlined in FTA Circular 9030.1D. The buses being replaced will be over 12 years in age, and all new buses will use CNG fuel.

Vehicle Camera Systems - \$60,000, Des #1500388

In addition to the security cameras already programmed, the project amount is being increased by \$30,000 for a pilot program that will utilize bus camera systems in a collision avoidance system. The pilot will involve installation of these systems on up to five buses. The goal of these systems is to improve pedestrian and bicyclist safety by scanning blind zones around the bus and issuing warnings when pedestrians and cyclists are detected in these zones.

Office Equipment - \$8,000 - Des #NEW

GLPTC needs to replace the office copier which will be five years old in 2017. GLPTC is seeking additional capabilities including OCR scanning and color printing in the new copier. Estimated cost is \$8,000.

Shop Lighting Upgrades - \$61,000 - Des #NEW

Lighting in the wash bay and bus storage area needs to be replaced with energy-efficient and brighter LED lighting. Existing lighting was installed when the facility was built in 1974.

Paratransit Bus Replacement - \$78,832 - Des #NEW

INDOT awarded GLPTC CY2017 Section 5310 funds for the purchase of two replacement paratransit buses at a total cost of \$157,664. In CY2017 GLPTC will replace one of the buses (the second bus will be programmed for replacement in CY2018). Paratransit Bus #442, a 2011 Supreme, will be replaced with a new paratransit bus. The bus will be replaced per FTA guidelines as outlined in FTA Circular 9030.1D at the age of six years at time of replacement.

Travel Training Program - \$56,423 - Des #NEW

INDOT awarded GLPTC CY2017 Section 5310 funds for the continuation of our travel

training program for CY2017. This program provides in-person training to senior citizens and people with disabilities to help them navigate and use GLPTC’s fixed route and ADA paratransit services. The total cost of this program is \$56,423.

Bus Stop Evaluation - \$10,000 - Des #NEW

GLPTC will conduct a detailed evaluation of all 819 bus stops in use throughout the system. This evaluation will consider ADA accessibility, pedestrian access, and condition assessment which will help GLPTC prioritize future infrastructure investment. The total project cost is \$10,000.

The following table summarizes the updated capital items:

Item	Description	Federal Source	Federal Share	Local Share	Total Cost
1	Tires	Sec. 5307	56,000	14,000	70,000
2	Bus Overhauls: Engines	Sec. 5307	48,800	12,200	61,000
3	Bus Overhauls: Transmissions	Sec. 5307	59,200	14,800	74,000
4	Bus Overhauls: Components	Sec. 5307	22,400	5,600	28,000
5	Computer Hardware & Software	Sec. 5307	40,000	10,000	50,000
6	Fixed Route Buses	Sec. 5307	1,520,000	380,000	1,900,000
7	Vehicle Camera Systems	Sec. 5307	48,000	12,000	60,000
8	Office Equipment	Sec. 5307	6,400	1,600	8,000
9	Shop Lighting Upgrades	Sec. 5307	48,800	12,200	61,000
10	Paratransit Bus	Sec. 5310	63,066	15,766	78,832
11	Travel Training Program	Sec. 5310	45,138	11,285	56,423
		Total	1,957,804	489,451	2,447,255

The following table summarizes the new planning item:

Item	Description	Federal Source	Federal Share	Local Share	Total Cost
1	Bus Stop Evaluation	Sec. 5307	8,000	2,000	10,000
		Total	8,000	2,000	10,000

The CityBus Board of Directors review and approved the requested changes on December 21, 2016.

The Technical Transportation Committee reviewed the amendment request at its December 21 meeting and recommended approval.

RECOMMENDATION:

Staff recommends approval of this amendment to the FY 2016-2019 Transportation Improvement Program by adoption of the attached Resolution T-17-01.

**TIP Amendment # 38
January 27, 2017**

Request by the City of West Lafayette

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

January 27, 2017
Ref. No.: 2017-025

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

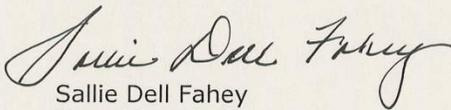
Dear Susie:

By this letter I am administratively modifying the FY 2016 - 2019 TIP.

The City of West Lafayette requested the modification due to a higher than anticipated cost of the preliminary engineering of the Sagamore Parkway Trail project (des #1401287). This modification reallocates \$18,037 in FY 2017 STP funds from the construction phase of the Happy Hollow project (des #0900002) to the preliminary engineering phase of the Sagamore Parkway Trail project (des #1401287).

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

Sincerely,



Sallie Dell Fahey
Executive Director

attachment

TIP ADMINISTRATIVE MODIFICATION, JANUARY 27, 2017

Project	Dis Number	Year	Federal Fundina	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
Happy Hollow Road	0900002	2017	STP	CN	180,000	-18,037	161,963	40,491	202,454	Removes a portion of the federal funds
Sagamore Parkway Trail	1401287	2017	TA STP	PE PE	211,819	0 18,037	211,819 18,037	52,955 4,509	264,774 22,546	Add federal funds to PE phase of project

**TIP Amendment # 39
January 27, 2017**

Request by the Town of Battle Ground

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

January 27, 2017
Ref. No.: 2017-028

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

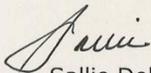
Dear Susie:

By this letter I am administratively modifying the FY 2016 - 2019 TIP.

The Town of Battle Ground requested the modification due to higher than anticipated bids for the improvements to North Street. This TIP modification reallocates \$40,000 in PYB funds from the APC Safety Analysis that was programmed in the UPWP (des #1601167) and \$26,880 in STP funds from the City of West Lafayette's Happy Hollow project (des#0900002). The combined amount, \$66,880, is reallocated to the construction phase of the North Street project (des #1172413).

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

Sincerely,



Sallie Dell Fahey
Executive Director

attachment

TIP ADMINISTRATIVE MODIFICATION, JANUARY 27, 2017

Project	Des Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
APC Safety Analysis	1601167	2017	HSIP PY8	---	40,000	-40,000	0	0	0	Removes all PY8 funds from the UPWP project
Happy Hollow Road	0900002	2017	STP	CN	161,963	-26,880	135,083	33,771	168,854	Removes a portion of the federal funds
North Street	1172413	2017	STP HSIP PY8	CN CN	400,000 0	26,880 40,000	426,880 40,000	106,720 10,000	533,600 50,000	Add federal funds to PE phase of project
					466,880		466,880	116,720	583,600	Overall Total for North Street

TIP Amendment # 40
February 9, 2017

Request by the INDOT

Resolution T-17-04

RESOLUTION TO AMEND THE
FY 2016-2019 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 and include all local and state transportation projects for which US Department of Transportation funds are being requested, and

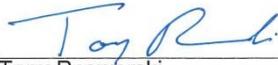
WHEREAS, the Indiana Department of Transportation requested changes to the FY 2016-2019 Transportation Improvement Program as follows:

Project	Year	Federal Funding	Phase	Federal Share	Local Share	Total Cost
Statewide, des #1600463	2017	STP	PE	1,704,174	426,044	2,130,218
Statewide, des #1600479	2017	STP	PE	1,862,327	465,582	2,327,909

WHEREAS, the Technical Transportation Committee reviewed the requests at its January 18, 2017 meeting and recommended their inclusion in the FY 2016-2019 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 2016-2019 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday the 9th of February, 2017.



Tony Roswarski
President



Sallie Dell Fahey
Secretary

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

February 13, 2017
Ref. No.: 2017-052

Mark Albers, Funds Manager
INDOT Crawfordsville District Office
41 W 300 North
Crawfordsville, IN 47933

Dear Mark:

On February 9th, 2017, the Policy Board amended the FY 2016-2019 TIP by Resolution T-17-04. The amendment programs two INDOT projects. Details are described in the attached staff report, resolution and amendment summary.

The document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Cat Schoenherr, INDOT Central Office
Stephani Vermillion, INDOT Central Office
Justin Sergent, INDOT Central Office

INDOT TIP AMENDMENT FEBRUARY 9, 2017, RESOLUTION T-17-04

Project	Des. Number	Year	Federal Funding	Phase	Before Federal Share	Change	After Federal Share	After Local Share	After Total Cost	Notes
Statewide, On-call Pavement Design	1600463	2017	STP	PE	0	1,704,174	1,704,174	426,044	2,130,218	New project
Statewide, On-call Geotechnical Investigation	1600479	2017	STP	PE	0	1,862,327	1,862,327	465,582	2,327,909	New project

**FY 2016-2019 TIP Amendment
Indiana Department of Transportation**

**Staff Report
February 2, 2017**

BACKGROUND AND REQUEST:

The Indiana Department of Transportation requested an amendment for two projects. Both are for on-call pavement design and geotechnical investigations for pavement preservation and replacement projects at various locations throughout the state. INDOT's intent is to streamline PE funding and activities. Projects range in size and difficulty from spot location projects to major interstate pavement rehabilitation work.

The following summaries highlight the information for each project.

On-call pavement design, various locations statewide (1600463)

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2017	STP	1,704,174	426,044	2,130,218

On-call geotechnical investigation, various locations statewide (1600479)

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2017	STP	1,862,327	465,582	2,327,909

The Technical Transportation Committee reviewed the amendment at its January 18, 2017 meeting and recommended approval.

RECOMMENDATION:

Staff recommends approval of this amendment to the FY 2016-2019 TIP by adoption of the attached Resolution T-17-04.

TIP Amendment # 41
February 21, 2017

Request by the INDOT

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

February 21, 2017
Ref. No.: 2017-058

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 2016-2019 TIP.

INDOT's Central Office recently asked all of the MPO's to submit an updated allocation plan for Prior Year Balance funds for Fiscal Year 2018. It has also been requested that MPOs update their current TIP to reflect the updated allocation plan.

Attached you will find two spreadsheets. The first shows the updated PYB allocation just for FY 2018 and the second shows the modifications to the FY 2016-2019 TIP. The updated allocations are based on the Technical Transportation Committee's recent review and distribution of federal funds to develop the draft FY 2018-2021 TIP.

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

Sincerely,



Sallie Dell Fahey
Executive Director

attachments

TIP ADMINISTRATIVE MODIFICATION, FEBRUARY 16, 2017

Project	Des Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
Klondike Road	1173626	2018	STP PYB	CE/CN	772,269	-391,380	380,889	95,222	476,111	Reduces the amount of PYB funding. The amount shown only reflects PYB funds. STP and TA Funds are also being used for construction.
Lindbera Road	1173617	2018	STP PTB	CE/CN	2,080,000	0	2,080,000	520,000	2,600,000	No change in PYB funding
Happy Hollow Neighborhood Trail	1401288	2018	STP PYB	CE/CN	120,000	-120,000	0	0	0	Removes PYB funding. Construction has been moved to
		2018	TA PYB	CE/CN	329,487	-329,487	0	0	0	FY '19 and '20 in the new TIP.
Sagamore Parkway Trail	1401287	2018	STP PYB	CE/CN	1,276,000	-1,276,000	0	0	0	Removes PYB funding. Construction has been moved to FY '19 in the new TIP.
River Road to CR 500N	1401279	2018	HSIP PYB	RW	27,424	-27,424	0	0	0	Removes all PYB funds. RW will be funded with FY '17 funds.
Bike Ped Safety Education	1601000	2018	STP PYB	ED	0	30,000	30,000	7,500	37,500	Adds an additional 30,000 to the project.
Twyckenham Trail	1700401	2018	STP PYB	PE	0	28,000	28,000	7,000	35,000	Allocates 28,000 in PYB Funds to PE.
		2018	STP PYB	CE/CN	0	220,000	220,000	55,000	275,000	Allocates 220,000 in PYB Funds to CE/CN.

Lafayette MPO
Fiscal Year 2018, Prior Year Balance Funds

Project	Phase	Amount
STBG Funds		
Klondike Rd.	CN	380,889
Lindberg Rd.	CN	2,080,000
Bike/Ped Safety Ed	ED	30,000
Twyckenham Trail	PE	28,000
Twyckenham Trail	CN	220,000
	Total	<u>2,738,889</u>

HSIP Funds

None Requested

TA Funds

None Requested

Updated February 15, 2017

**TIP Amendment # 42
February 21, 2017**

Request by the City of West Lafayette

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

February 21, 2017
Ref. No.: 2017-061

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

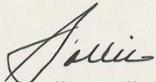
Dear Susie:

By this letter I am administratively modifying the FY 2016 - 2019 TIP. This modification changes the type of federal funds that will be used for constructing the Kingston Trail (des #1401286). Currently the TIP shows a portion of this project to be funded with HSIP PYB funds (\$38,430). Those funds will be replaced with HSIP funds from the CE phase of the South and Scott Street project (des #140566). There is also a slight increase of \$63 in HSIP funds to match the construct bid.

The attached spreadsheet shows the details of the funding swap.

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

Sincerely,



Sallie Dell Fahey
Executive Director

attachment

TIP ADMINISTRATIVE MODIFICATION, FEBRUARY 21, 2017

Project	Des Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
South/Scott Peed Xing	1400566	2017	HSP	CE	55,000	-38,493	16,507	4,127	20,634	Removes all portion of HSP funds from the project.
		2017	HSP PY8	CE	0	38,430	38,430	4,270	42,700	
Kinston Trail	1401286	2017	HSP PY8	CN	38,430	-38,430	0	0	0	Removes all PY8 funds
		2017	HSP	CN	0	38,493	38,493	4,277	42,770	

TIP Amendment # 43
March 9, 2017

Request by the INDOT

Resolution T-17-05

RESOLUTION TO AMEND THE
FY 2016-2019 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 and include 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 2016-2019 Transportation Improvement Program as follows:

Project	Year	Federal Funding	Phase	Federal Share	State Share	Total Cost
SR 25, des #1602069	2017	NHPP	PE	12,000	3,000	15,000
SR 28, des #1602094	2017	NHPP	PE	12,000	3,000	15,000
SR 38, des #1601073	2017	NHPP	PE	88,000	22,000	110,000
	2018	NHPP	PE	8,000	2,000	10,000
US 52, des #1601884	2017	HSIP	PE	15,000	0	15,000
	2018	HSIP	CN	559,000	0	559,000
US 52, des #1601992	2017	NHPP	PE	16,000	4,000	20,000
US 52, des #1601999	2017	NHPP	PE	12,000	3,000	15,000
US 52, des #1602042	2017	NHPP	PE	12,000	3,000	15,000

WHEREAS, the Technical Transportation Committee reviewed the requests at its February 15, 2017 meeting and recommended their inclusion in the FY 2016-2019 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 2016-2019 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday the 9th of March, 2017.



Tony Roswarski
President



Sallie Dell Fahey
Secretary

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

March 10, 2017
Ref. No.: 2017-075

Mark Albers, Funds Manager
INDOT Crawfordsville District Office
41 W 300 North
Crawfordsville, IN 47933

Dear Mark:

On March 9th, 2017, the Policy Board amended the FY 2016-2019 TIP by Resolution T-17-05. The amendment programs seven INDOT projects. Details are described in the attached staff report, resolution and amendment summary.

The document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Cat Schoenherr, INDOT Central Office
Stephani Vermillion, INDOT Central Office
Justin Sergent, INDOT Central Office

INDOT TIP AMENDMENT MARCH 9, 2017, RESOLUTION T-17-05

Project	Des Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
SR 25	1602069	2017	NHPP	PE	0	12,000	12,000	3,000	15,000	New project
Bridge over Flint Creek, 4.01 miles north of SR 28										
SR 28	1602094	2017	NHPP	PE	0	12,000	12,000	3,000	15,000	New project
Bridge over Wea Creek, 0.13 miles west of US 231										
US 52	1601992	2017	NHPP	PE	0	16,000	16,000	4,000	20,000	New project
Bridge over Laramie Creek, 2.33 miles west of SR 28										
US 52	1601999	2017	NHPP	PE	0	12,000	12,000	3,000	15,000	New project
Bridge over Elliot Ditch, 1.20 miles east of SR 25										
US 52	1602042	2017	NHPP	PE	0	12,000	12,000	3,000	15,000	New project
Bridge over branch of Elliot Ditch, 1.02 miles east of SR 25										
SR 38	1601073	2017	NHPP	PE	0	88,000	88,000	22,000	110,000	New project
From 0.95 miles to 1.08 miles east of I-65										
US 52	1601884	2018	NHPP	PE	0	8,000	8,000	2,000	10,000	New project
of US 231 west junction (Mentmorenci)										
2017	HSIP	PE	0	15,000	15,000	0	15,000	0	15,000	New project
2018	HSIP	CN	0	559,000	559,000	0	559,000	0	559,000	New project

**FY 2016-2019 TIP Amendment
Indiana Department of Transportation**

**Staff Report
March 1, 2017**

BACKGROUND AND REQUEST:

The Indiana Department of Transportation requested an amendment for seven new projects located on US 52, SR 25, SR 28 and SR 38. Five of them involve adding a thin bridge deck overlay, one is a functional overlay (repaving with curb, gutter and sidewalk) and the last is replacing a traffic signal. Federal funds will be used for preliminary engineering and construction for all projects.

The following tables provide the detailed information for each individual project.

SR 25: Bridge Thin Deck Overlay, over Flint Creek, 4.01 miles north of SR 28

(des # 1602069)

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2017	NHPP	12,000	3,000	15,000

SR 28: Bridge Thin Deck Overlay, over Wea Creek, 0.13 miles west of US 231

(des #1602094)

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2017	NHPP	12,000	3,000	15,000

US 52: Bridge Thin Deck Overlay, over Lauramie Creek, 2.33 miles west of SR 28

(des #1601992)

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2017	NHPP	16,000	4,000	20,000

US 52: Bridge Thin Deck Overlay, over Elliot Ditch, 1.20 miles east of SR 25

(des #1601999)

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2017	NHPP	12,000	3,000	15,000

US 52: Bridge Thin Deck Overlay, over Branch of Elliot Ditch, 1.02 miles east of SR 25

(des #1602042)

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2017	NHPP	12,000	3,000	15,000

SR 38: Functional HMA Overlay, from 0.95 miles to 1.08 miles east of I-65

(des #1601073)

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2017	NHPP	88,000	22,000	110,000
New	PE	2018	NHPP	8,000	2,000	10,000

US 52: New Signal Installation, at US 231 west junction (Montmorenci)

(des #1601884)

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2017	HSIP	15,000	0	15,000
New	CN	2018	HSIP	559,000	0	559,000

The Technical Transportation Committee reviewed the amendment at its February 15, 2017 meeting and recommended approval.

RECOMMENDATION:

Staff recommends approval of this amendment to the FY 2016-2019 TIP by adoption of the attached Resolution T-17-05.

TIP Amendment # 44
March 13, 2017

Request by APC Staff

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

March 13, 2017
Ref. No.: 2017-078

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 2016 - 2019 TIP. This modification adjusts the funding to three local projects so the TIP matches the new FY '17 funding estimates that were provided this past January. 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 Justin Sergent, INDOT Central Office
Stephani Vermillion, INDOT Central Office

TIP ADMINISTRATIVE MODIFICATION, MARCH 13, 2017

Project	Des Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
Sagamore Parkway Trail	1401287	2017	TA/TE	PE	211,819	-2,418	209,401	52,350	261,751	Removes a portion of TA/TE funds so the federal share matches the new estimated FY 2017 Annual Allocation. In order to keep the funding whole for the project, STP funds were reallocated from the South Street project.
		2017	STP	PE	18,037	2,418	20,455	5,114	25,569	
South at Scott Street	1400566	2017	STP	CN	17,839	-3,471	14,368	3,592	17,960	A portion of the reduction in STP funds goes to the Sagamore Parkway Trail project (2,418). The additional reduction is needed in order to match the new estimated FY 2017 Annual Allocation (1,053).
River Road at CR 500N	1401279	2017	HSIP	RW	0	33,889	33,889	8,472	42,361	The additional funds come from the increase due to the new estimated FY 2017 Annual Allocation. There are no changes in the STP funding at this time.

**TIP Amendment # 45
March 27, 2017**

Request by Tippecanoe County

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

March 27, 2017
Ref. No.: 2017-089

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 2016 - 2019 TIP. This modification is multi-stepped and involves three local projects. The outcomes allocate HSIP funds (\$286,493) to the River Road project, des 1401279, right-of-way phase and adds \$65,238 to Morehouse Road, PE phase.

The first and second steps involve reallocating HSIP funds from the South Street project, des #1400566. All of the HSIP funds programmed for CE (\$16,507) and a portion programmed for CN (\$98,865) are moved to the River Road project.

The third step is flexing STP funds (\$163,457) back to HSIP funds. We asked Justin Sergent if this was possible since we flexed half of our HSIP funds earlier this year and he said we can flex the funds back to HSIP.

The fourth step addresses the residual balance of STP funds (\$65,238) for the River Road project. This modification reallocates those funds to the Morehouse Road project, preliminary engineering phase.

The fifth step combines the funds from South Street, the flexed funds and the additional funds from the updated MPO allocations that were email on March 16, 2017 and programs the combined total to the River Road project, right-of-way phase.

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 Justin Sergent, INDOT Central Office
Stephani Vermillion, INDOT Central Office

TIP ADMINISTRATIVE MODIFICATION, MARCH 23, 2017

Project	Des Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
South Street	1400566	2017	HSIP	CE	16,507	-16,507	0	0	0	Step 1) Reallocate all of the HSIP funds to River Road, des #1401279 Step 2) Reallocate a portion of HSIP funds to River Road, des #1401279
		2017	HSIP	CN	336,015	-98,865	237,150	26,350	263,500	
River Road	1401279	2017	STP	RW	228,695	-163,457	65,238	---	---	Step 3) Flex 163,457 from STP back to HSIP. Justin Sargent indicated to us that the reverse transfer was possible on 3/22/2017.
		2017	STP	RW	65,238	-65,238	0	0	0	Step 4) Reallocated the balance of STP funds from the River Road project to the Morehouse project, PE phase.
		2017	HSIP	RW	33,889	286,493	320,382	35,598	355,980	Step 5) Add the additional HSIP funds from South Street (CE & CN), the funds flexed back to HSIP and the additional 7,664 in HSIP and Penalty funds from the updated FY '17 FAST Act that was emailed to MPOS on March 16, 2017. The table below shows the individual funds and the total (286,493).
Morehouse Road	1401280	2017	STP	PE	280,000	65,238	345,238	86,310	431,548	Reallocates the balance of STP funds from River Road to the Morehouse project. From Step 4.

Summary of HSIP funds to be added to River Road, 1401279

16,507	South Street, CE
98,865	South Street, CN
7,664	Updated FY '17 Apportionment
163,457	Reversed Transfer
286,493	Total

**TIP Amendment # 46
March 29, 2017**

Request by APC Staff

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

March 29, 2017
Ref. No.: 2017-95

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

Dear Susie:

On February 21, 2017, the FY '16-'19 TIP was administratively modified to reflect an updated FY '18 PYB funding allocation. While the one page summary listed the projects to be funded with PYB funds, the accompanying TIP spreadsheet did not include one change. The PYB funding for the Morehouse Road Project, des #1401280, was to be removed. This modification corrects the omission and removes PYB funding from the Morehouse Road project in FY '18.

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

Sincerely,



Sallie Dell Fahey
Executive Director

attachment

TIP ADMINISTRATIVE MODIFICATION, March 29, 2017

Project	Des Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
Morehouse Road	1401280	2018	STP PYB	PE	120,000	-120,000	0	0	0	Removes all PYB funds.

TIP Amendment # 47
March 30, 2017

Request by West Lafayette

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

March 30, 2017
Ref. No.: 2017-096

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 2016-2019 TIP. The TIP currently shows \$575,655 in High Priority Project Program Funds programmed for the preliminary engineering phase of the Cherry Lane Extension project, des #1401290. This modification reduces the amount to \$339,144 and the balance (\$236,511) is reallocated to the construction phase. The reduced allocation reflects the amount shown in the LPA consultant contract.

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

Sincerely,



Sallie Dell Fahey
Executive Director

attachment

TIP ADMINISTRATIVE MODIFICATION, MARCH 30, 2017

Project	Des Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
Cherry Lane Extension	1401290	2017	HPP	PE	575,655	-236,511	339,144	84,786	423,930	Reduces the amount of funding needed for PE. The new amount reflects the PE contract. The balance of HPP funds is reallocated to construction.
		2019	HPP	CN	0	236,511	236,511	59,128	295,639	

**TIP Amendment # 48
April 7, 2017**

Request by West Lafayette

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

April 7, 2017
Ref. No.: 2017-101

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 2016-2019 TIP. This modification is multi-stepped and involves six local projects. The outcome allocates STP funds (\$147,338) and HSIP PYB funds (\$109,415) to the Happy Hollow project (des #0900002). The additional funds will be used to supplement construction engineering.

The first step reallocates \$104,365 in STP funds from the Kingston Trail project (des #1401286) construction phase to the Happy Hollow project.

The second step reallocates \$68 in STP funds from the North Street project (des #1172413) preliminary engineering phase to the Happy Hollow project.

The third step reallocates HSIP PYB funds from the CE (\$38,430) and CN (\$60,146) phases of the South/Scott Street pedestrian crossing project, des #1400566, to the Happy Hollow project.

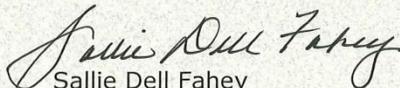
The fourth step reallocates \$1,014 in HSIP PYB funds from the construction phase of the Railroad Street project (des #1005755) to the Happy Hollow project.

The fifth step reallocates a portion of the HSIP PYB funds (\$9,825) from the McCutcheon Pedestrian Safety PE project, des #1601028, to the Happy Hollow project.

The final step moves \$42,905 in STP funds from construction to construction engineering within the Happy Hollow project and programs the STP (\$147,338) and HSIP PYB (\$109,415) to construction engineering.

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 Justin Sergent, INDOT Central Office
Stephani Vermillion, INDOT Central Office

TIP ADMINISTRATIVE MODIFICATION, APRIL 7, 2017

Project	Des Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
Kingston Trail	1401286	2017	STP	CN	649,709	-104,365	545,344	136,336	681,680	Reduces the amount of funding needed for CN. The balance reflects the amount needed for construction. The funds being reallocated are move to Happy Hollow CE.
North Street	1172413	2017	STP	PE	4,680	-68	4,612	1,153	5,765	Removes a portion of STP funds and reallocates them to the Happy Hollow project, CE phase.
South/Scott St. Ped Xing	1400566	2017	HSIP PYB	CE	38,430	-38,430	0	0	0	Removes all PYB funds and reallocates them to the Happy Hollow project, CE.
South/Scott St. Ped Xing	1400566	2017	HSIP PYB	CN	60,146	-60,146	0	0	0	Removes all PYB funds and reallocates them to the Happy Hollow project, CE.
Railroad Street	1005755	2017	HSIP PYB	CN	15,300	-1,014	14,286	3,572	17,858	Removes a portion of PYB funds and reallocates them to the Happy Hollow project, CE.
McCUTCHEON Ped Safety	1601028	2017	HSIP PYB	PE	103,234	-9,825	93,409	23,352	116,761	Removes a portion of PYB funds and reallocates them to the Happy Hollow project, CE phase.
Happy Hollow	0900002	2017	STP	CN	135,083	-42,905	92,178	23,045	115,223	Reallocates a portion of STP funds from construction to
		2017	STP	CE	0	147,338	147,338	36,835	184,173	construction engineer. That amount plus all of the reallocated
		2017	HSIP PYB	CE	0	109,415	109,415	27,354	136,769	funds from other projects are programmed for CE.

Summary of Funds to be added to Happy Hollow CE, det # 0900002

STP Funds	
104,365	Kingston Trail, CN
68	North St, PE
42,905	Happy Hollow, CN
147,338	Total
	9,825
	McCUTCHEON Ped Safety, PE
	109,415
	Total

HSIP PYB Funds

38,430	South/Scott Street, CE
60,146	South/Scott Street, CN
1,014	Railroad St, CN
9,825	McCUTCHEON Ped Safety, PE
	109,415
	Total

Combined STP & HSIP PYB Funds

147,338	STP
109,415	PYB
256,753	Grand Total

TIP Amendment # 49
April 17, 2017

Request by West Lafayette

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

April 17, 2017
Ref. No.: 2017-125

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 2016-2019 TIP by reallocating \$4,153 in HSIP PYB funds from the McCutcheon Pedestrian Safety Project (des #1601028) to the Happy Hollow project (des #1382200). The reallocation reflects funding needed for a change order.

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

Sincerely,



Sallie Dell Fahey
Executive Director

attachment

TIP ADMINISTRATIVE MODIFICATION, APRIL 17, 2017

Project	Des Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
McCutcheon Ped Safety	1601028	2017	HSIP PYB	CN	93,409	-4,153	89,256	9,917	99,173	Reallocates a small portion of federal funds to the Happy Hollow project, Det #1382200.
Happy Hollow	1382200	2017	HSIP PYB	CN	0	4,153	4,153	461	4,614	

TIP Amendment # 50
April 18, 2017

Request by Lafayette

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

April 18, 2017
Ref. No.: 2017-130

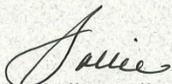
Susie Kemp, Local Program Director
INDOT Crawfordsville District
41 West 300 North
Crawfordsville, IN 47933

Dear Susie:

By this letter I am administratively modifying the FY 2016-2019 TIP by reallocating \$14,368 in STP funds from the South Street project (des #1400566) to the Bicycle and Pedestrian Safety Education project (des #1601000). I am also adding to the safety education project \$8,032 in STP funds from the updated March sharing agreement. The additional \$22,400 in STP funds will fund the contact supplement.

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

Sincerely,



Sallie Dell Fahey
Executive Director

attachment

TIP ADMINISTRATIVE MODIFICATION, APRIL 18, 2017

Project	Des Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
South Street	1400566	2017	STP	CN	14,368	-14,368	0	0	0	Reallocates all of the STP funds for the project to the Bike/Ped Safety Education project.
Bike/Ped Safety Education	1601000	2017	STP	CN	0	22,400	22,400	2,489	24,889	Programs STP funds from the South Street project (14,368) and additional STP funds from the March (8,032) Sharing Agreement.

Summary of Additional STP funds:
 40,913 Additional STP Funds from March 16, 2017 Updated Sharing Agreement Notice.
 8,032 Programmed to Education project.
 32,881 Balance of Additional STP Funds

**TIP Amendment # 51
April 20, 2017**

Request by Tippecanoe County

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

April 20, 2017
Ref. No.: 2017-131

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 2016-2019 TIP. This modification is multi-stepped and involves five local projects. The outcome allocates STP, STP PYB and HSIP PYB funds to the Morehouse Road project, des #1401280; preliminary engineering phase.

The first step reallocates \$53,472 in STP funds from the PE phase of the Yeager Road project (des #1401281) to the Morehouse Road project.

The second step reallocates \$45,358 in STP funds from the RW right-of-way phase of the Lindberg Road project (des #1173627) to the Morehouse Road project.

The third step reallocates \$8,473 in STP PYB funds from railroad portion of the construction phase of the Myers Bridge project (des #1172458) to the Morehouse Road project.

The fourth step reallocates \$89,256 in HSIP PYB funds from the McCutcheon Ped Safety project (des #1601028) to the Morehouse Road project.

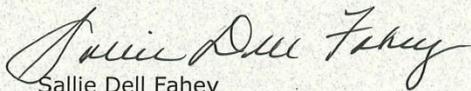
The fifth step programs to the Morehouse Road project the additional STP funds (\$32,881) that are a result of the new sharing agreement that was emailed to all of the MPOs on March 16, 2017.

The final step flexes the additional TA funds (\$2,305) to STP funds and allocates them to the Morehouse Road project. These additional funds are the result of the new sharing agreement.

The combined amount of federal funds programmed and reallocated to the Morehouse Road project is \$231,745 which includes \$134,016 in STP funds, \$8,473 in STP PYB funds and \$89,256 in HSIP PYB funds.

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 Justin Sergent, INDOT Central Office
Stephani Vermillion, INDOT Central Office

Planning for Lafayette, West Lafayette, Dayton, Battle Ground, Clarks Hill and Tippecanoe County

TIP ADMINISTRATIVE MODIFICATION, APRIL 20, 2017

Project	Des Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
Yeager Road	1401281	2017	STP	PE	400,000	-58,472	346,528	86,632	433,160	Reduces the amount of funding needed for PE. The balance is being reallocated to the Morehouse Road project, PE phase.
Lindberg Road	1173627	2017	STP	RW	333,000	-45,558	287,442	71,911	359,353	Reallocates a portion of funds.
Myers Bridge	1172458	2017	STP PYB	CN	72,000	-8,473	63,527	15,882	79,409	Removes a portion of the PYB funds. The purchase has been closed and the \$8,473 is the balance that was not used.
McCutcheon Ped Safety	1601028	2017	HSIP PYB	PE	89,256	-89,256	0	0	0	Removes all of the FY '17 funding for the project.
Morehouse Road	1401280	2017	STP	PE	345,238	134,016	479,254	119,814	599,068	All of the federal funds from the four projects plus the additional FY '17 funds from the March Sharing Agreement are reallocated to the Morehouse Road PE phase.
		2017	STP PYB	PE	0	8,473	8,473	2,118	10,591	
		2017	HSIP PYB	PE	0	89,256	89,256	22,314	111,570	
						231,745	Combined Amount			

Summary of Funds to be added to Morehouse Road PE, des #1401280

STP Funds	Summary of All Federal Funds after modification
33,472 Yeager Road, PE	479,255 STP funding
45,388 Lindberg Road, RW	8,473 STP PYB
32,881 Additional STP funds	89,256 HSIP PYB
2,305 Additional TA funds flexed to STP	576,984 Total
134,016 Total	

**TIP Amendment # 52
April 20, 2017**

Request by Tippecanoe County

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

April 20, 2017
Ref. No.: 2017-132

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 2016-2019 TIP by reallocating \$111,782 in STP funds from the right-of-way phase of the Lindberg Road project (des #1173627) to the right-of-way phase of the Klondike Road project (des # 1173626). This TIP modification is the last one needed to fully obligate the MPO FY 2017 funding.

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

Sincerely,



Sallie Dell Fahey
Executive Director

attachment

cc Justin Sergent, INDOT Central Office
Stephani Vermillion, INDOT Central Office

TIP ADMINISTRATIVE MODIFICATION, APRIL 20, 2017

Project	Dis Number	Year	Federal Funding	Phase	Before Federal Share	Change	After Federal Share	After Local Share	After Total Cost	Notes
Lindbergh Road	1173627	2017	STP	RW	287,642	-111,782	175,860	19,540	195,400	Reallocates the unused portion of STP funding.
Klondike Road	1173626	2017	STP	RW	1,075,600	111,782	1,187,382	131,931	1,319,313	Programs the unused portion of STP funds from Lindbergh Road.

**TIP Amendment # 53
April 27, 2017**

Request by APC Staff

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

April 27, 2017
Ref. No.: 2017-144

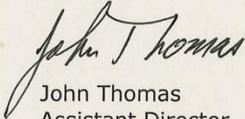
Susie Kemp, Local Program Director
INDOT Crawfordsville District
41 West 300 North
Crawfordsville, IN 47933

Dear Susie:

By this letter I am administratively modifying the FY 2016-2019 TIP. This modification flex's \$89,256 in FY 2017 HSIP PYB funds to STP PYB funds. The funding is programmed for the Morehouse Road project, PE phase, des #1401280.

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

Sincerely,



John Thomas
Assistant Director - Transportation

attachment

cc Justin Sergent, INDOT Central Office
Stephani Vermillion, INDOT Central Office

TIP ADMINISTRATIVE MODIFICATION, APRIL 27, 2017

Project	Des Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
Morehouse Road	1401280	2017	HSIP PYB	PE	89,256	-89,256	0	0	0	HSIP PYB funds are flexed to STP PYB funds.
		2017	STP PYB	PE	8,473	89,256	97,729	24,432	122,161	

**TIP Amendment # 54
June 28, 2017**

Request by City of Lafayette and Tippecanoe County

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

June 28, 2017
Ref. No.: 2017-213

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 2016-2019 and FY 2018-2021 TIPs. On May 25, 2017 we received the Final 2017 Local Share of Federal Formal Apportionments. The final funding amounts are slightly more than what is programmed in both TIPs. This modification allocates the additional funds for fiscal years 2017 and 2018.

For FY '17, the additional funds to be allocated are: \$42,707 in STP, \$9,203 in HIPS/Safety and \$2,770 in TA. These amounts were confirmed by Justin Sergent on June 20, 2017. The follow steps outline the modifications to allocate the funds:

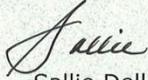
- 1) Flex the HSIP and TA funds to STP funds (\$11,973).
- 2) Allocate \$22,384 to the City of Lafayette's Twyckenham Trail project for PE, des #1700401.
- 3) The balance of funds (\$32,296) is allocated to the Klondike Road project for RW, des #1173626.

For FY '18, the steps involved in allocating the funds include flexing funds and moving various funds between projects as follows:

- 1) Flex the HSIP (\$7,170) and TA (\$2,769) funds to STP funds.
- 2) Allocate the flexed funds (\$9,939) and STP funds (\$42,703) to the Klondike Road project, des #1173626, right-of-way phase.
- 3) Allocated the 164 Penalty funds (\$2,034) to the Harrison Safety Improvements project, des #1700407.
- 4) Reduce the amount of HSIP funds allocated to the Harrison Safety Improvements by \$2,034 and flex them to STP funds.
- 5) Allocate the flexed \$2,034 in STP funds to the Klondike Road project, des #1173626, right-of-way phase.
- 6) Move \$5,483 in FY '18 STP funds from the construction phase to right-of-way within the Klondike Road project.

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

Sincerely,



Sallie Dell Fahey
Executive Director

Attachment

cc: Jenny Leshney
Opal Kuhl
Stu Kline
Justin Sergent
Stephani Vermillion

TIP ADMINISTRATIVE MODIFICATION, JUNE 26, 2017

Project	Des Number	Year	Federal Funding	Phase	Before		Changes		After		After Total Cost	Notes
					Federal Share	0	Federal Share	Local Share	Federal Share	Local Share		
Twyckenham Trail	1700401	2017	STP	PE	0	22,384	22,384	5,596	27,980			The additional funds are new FY '17 funds from the final sharing agreement which include flexed HSP/Safety funds and flexed TA Funds and a portion of STP funds.
Klondike Road	1173626	2017	STP	RW	1,187,382	32,296	1,219,678	30,4920	1,524,598			Adds the balance of new FY '17 funds.
		2018	STP	RW	0	60,159	60,159	15,040	75,199			Allocated and Reallocated new FY '18 Funds. See below for details.
		2018	STP	CN	4,002,623	-5,483	3,997,140	999,285	4,996,425			Reallocated funds from CN to RW.
Harrison Safety	1700407	2018	STP	PE	180,000	2,034	182,034					Adds the additional FY '18 Section 1.64 Penalty Funds.
		2018	STP	PE	182,034	-2,034	180,000	20,000	200,000			Reduces the amount of HSP funds. These funds are flexed to STP Funds and are relocated to Klondike RW.

Summary for Klondike Road, Sources of Allocated and Reallocated Funds

7,170	FY '18 Flexed HSP funds
2,769	FY '18 Flexed TA funds
42,703	FY '18 STP Funds
2,034	Reallocated funds from the Harrison Safety project. These funds are flexed to STP Funds
5,483	Reallocated funds from the Klondike Road construction phase.
60,159	Total FY '18 funds for Right-of-Way

Total Additional Funds Allocated and Reallocated to Klondike Road project, Right-of-Way Phase
 32,296 FY '17 Funds
 60,159 FY '18 Funds
 92,455 Total

**TIP Amendment # 55
June 29, 2017**

Request by INDOT

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

June 29, 2017
Ref. No.: 2017-214

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

Dear Susie:

Because my staff wasn't given sufficient information regarding how to program the additional funds provided by the final sharing agreement, you are requiring that I revise yesterday's administrative modification. Therefore, by this letter I am revising that administrative modification to the FY 2016-2019 and FY 2018-2021 TIPS.

The additional FY 2017 funds are added to our FY 2018 allocation. This modification moves the additional FY 2017 federal funds to FY 2018 and changes the fiscal year of these funds for the two projects as noted in yesterday's letter to FY 2018.

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

Sincerely,



Sallie Dell Fahey
Executive Director

Attachment

cc: Jenny Leshney
Stewart Kline
Justin Sergent
Stephani Vermillion

TIP ADMINISTRATIVE MODIFICATION, JUNE 29, 2017

Project	Des Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
Twyckenhorn Trail	1700401	2018	STP	PE	0	22,384	22,384	5,596	27,980	The additional funds are new FY '17 funds from the final sharing agreement which include flexed HSP / Safety funds and flexed TA Funds and a portion of STP funds.
Klondike Road	1173626	2018	STP	RW	0	92,455	92,455	23,114	115,569	Adds the balance of new FY '17 funds and allocated and reallocated new FY '18 Funds. See below for details.
		2018	STP	CN	4,002,623	-5,483	3,997,140	999,285	4,996,425	Reallocated funds from CN to RW.
Harrison Safety	1700407	2018	STP	PE	180,000	2,034	182,034			Adds the additional FY '18 Section 164 Penalty Funds.
		2018	STP	PE	182,034	-2,034	180,000	20,000	200,000	Reduces the amount of HSP Funds. These funds are flexed to STP Funds and are relocated to Klondike RW.

Summary for Klondike Road, Sources of Allocated and Reallocated Funds

7,170	FY '18 Flexed HSP funds
2,769	FY '18 Flexed TA funds
42,703	FY '18 STP Funds
2,034	Reallocated funds from the Harrison Safety project. These funds are flexed to STP Funds
5,483	Reallocated funds from the Klondike Road construction phase.
60,159	Total FY '18 funds for Right-of-Way

Total Additional Funds Allocated and Reallocated to Klondike Road project, Right-of-Way Phase

32,296	FY '17 Funds (now shown as FY '18)
60,159	FY '18 Funds
92,455	Total