

The
AREA PLAN COMMISSION
of Tippecanoe County

MPO Policy Board Meeting

Date.....January 11, 2018

Time.....2:00 PM

Place.....Lafayette City Hall

Board of Works Room

20 North 6th Street

Lafayette, Indiana

AGENDA

I. APPROVAL OF 2018 PROXIES TO POLICY BOARD

II. APPROVAL OF MEETING MINUTES FROM DECEMBER 14, 2017

A. MPO POLICY BOARD MINUTES 12.14.2017

Documents:

[MPO Policy Board 12.14.2017.pdf](#)

III. TIP AMENDMENTS

A. RESOLUTION T-18-01, AMEND THE FY 2018-2021 TIP FOR INDOT, 22 PROJECTS

Documents:

[TIP Amendment INDOT Policy Rpt January 2018.pdf](#)

B. RESOLUTION T-18-02, AMEND THE FY 2018-2021 TIP FOR CITYBUS, 2017 FUND CARRYOVER INTO 2018 FUNDING PROGRAM

Documents:

[CY 18 CityBus TIP Amendment Policy Report January 2018.pdf](#)

1. ACTION - VOTE TO AMEND

IV. AUTHORIZATION FROM BOARD TO ADOPT STATE RECOMMENDED SAFETY PERFORMANCE MEASURES AND TARGETS

V. OTHER BUSINESS

A. KLONDIKE/LINDBERG FUNDING UPDATE

B. INDOT 18 MONTH LETTING LIST

Documents:

[2018 January Lettings.pdf](#)

VI. CITIZEN COMMENTS

VII. ADJOURNMENT

Next meeting is February 8, 2018

MPO POLICY BOARD

Minutes

December 14, 2017

2:00pm

Lafayette City Hall Board of Works Room

MEMBERS PRESENT

Tony Roswarski	Mayor, City of Lafayette
John Dennis	Mayor, City of West Lafayette
John Basham	President, Tippecanoe County Council
Tracy Brown	President, Tippecanoe County Commissioners
Gerry Keen	President, Area Plan Commission
Ron Campbell (proxy for Nancy Nargi)	President, Lafayette City Council
Peter Bunder	President, West Lafayette Council
Cindy Murray (proxy for Gary Henriott)	Lafayette Board of Works
Julie Ginn	Chairman of the GLPTC
Shane Spears	INDOT Deputy District Commissioner

Absent Voting Members

Non-Voting Members Present

Stu Kline	Tippecanoe County Highway Engineer
Mike Spencer	Tippecanoe County Highway Engineer's Office
Ed Garrison	West Lafayette City Engineer
Cat Schoenherr	APC Staff
Doug Poad	APC Staff
Tim Stroshine	APC Staff
Aria Staiger (or Andrew?)	APC Staff
Jeromy Grenard	Lafayette City Engineer
Bob Foley	Lafayette Assistant City Engineer
Marty Sennett	CityBus General Manager

President Tony Roswarski called the meeting to order at 2:00pm.

I. APPROVAL OF MINUTES

Ron Campbell moved to approve the minutes from the November 9, 2017 meeting. John Dennis seconded and the minutes were approved by unanimous voice vote.

II. TIP AMENDMENTS

RESOLUTION T 2017-12

Correct Resolution to Include Federal Funds

Cat Schoenherr said the first resolution on the agenda is a correction to the original resolution to add funds for the signal on US 52 at Tate & Lyle entrance to our TIP. Originally, INDOT asked us to amend our TIP to add Federal/State funds for the signal. The technical and policy committees decided it would be prudent to ask Tate & Lyle to pay for the signal, as was done with signals at other developments and businesses in the area. When the TIP was amended, the amendment added the project with no Federal/State funds. The funding listed was 100% local to indicate it would come from Tate & Lyle. What should have happened was that the Federal/State funds should have been shown in the TIP as requested by INDOT; however, emphasis still be placed on the need for the project manager to work with Tate & Lyle in regards to payment.

John Dennis moved to adopt **RESOLUTION T-2017-12**. Cindy Murray seconded and the motion was approved by unanimous voice vote.

RESOLUTION T 2017-14
Program INDOT State Police Enforcement and Lafayette Star City Trail

Doug Poad said the first part of this two-part amendment is to fund state police enforcement in interstate construction work zones using Federal STBG funds. Funding will be for FY 2018 and FY 2019. The second part of the amendment will move the Star City Trail project, scheduled for construction in 2021, from the local projects table to the unfunded local projects table. The project des number will be retired and "Specific project information has not yet been identified" will be added to the project description. He added that the Technical Transportation Committee recommend its adoption at its November meeting.

Ron Campbell moved to approve **RESOLUTION T-2017-14**. Gerry Keen seconded and the motion was approved by unanimous voice vote.

III. KLONDIKE and LINDBERG FUNDING

Stu Kline stated there is a funding shortfall for the Klondike project. We need to take the federal funding from Lindberg to cover the shortfall, so that project will be pushed back to a later year. There was not enough money in the Lindberg project to cover the entire shortfall, so Sallie contacted NIRPC to ask to borrow the \$1.2 still needed. They agreed, but required the funds to be paid back in FY 19. The only project programmed in the TIP in FY 19 with enough funding to repay NIRPC is Cherry Lane.

Stu asked if there are any scheduling issues with Cherry Lane that might cause the project to be pushed back or delayed, and if the cost estimate is still good.

Ed Garrison said, as of now, there is no scheduling issue; however, he mentioned there were some issues that may cause it to require more money.

Stu Kline, Ed Garrison and John Dennis discussed Cherry Lane and the possibility of trimming the scope or phasing the project.

Stu stated that the Klondike project really needs the additional funds to move forward, and the County has already made the commitment to INDOT to remain on the original letting schedule, which is to let in March.

Tracy Brown asked if we will be able to do Cherry Lane in FY 2019.

Ed Garrison said that is the plan.

John Dennis asked about the funding shortfall in the Klondike project and where the increased costs are coming from.

Ed Garrison & Stu Kline discussed what caused the needed for additional funding for the Klondike and Cherry Lane projects. Ed wondered if there were any opportunities for value engineering to save some money.

Tracy Brown asked if needing additional funding for projects has been an ongoing and consistent issue among projects lately.

Tony Roswarski pointed out that Lafayette had a Community Crossings project come in under budget.

Stu Kline said that is just the way it is sometimes. Some projects come in under budget and some projects run over.

Ed Garrison said he was still only working with “rough numbers” and that he had some hope that value engineering could help reduce the cost by a little bit for Cherry Lane.

Stu Kline said that there is always a chance that when the project bids, it could bid for less than estimated currently.

Stu Kline pointed out that adding the roundabouts on Klondike and plans for water storage drove up the project cost.

Ed Garrison pointed out that there are railroad issues that will give the project some extra cost both now and in the future. He added that there will be an on-going cost with the drainage pipe that will be under the tracks.

Ed Garrison said that the City had tried to reach out to local representatives to see if there was a way to get other funds for the Cherry Lane project to add to the MPO’s Federal funding allocation.

Stu Kline asked if Sallie Fahey reached out to the state representatives and INDOT to see what other funding options were available.

Cat Schoenherr confirmed that she did but INDOT was short funds for their own program, and therefore did not have any source to provide our MPO with anything additional to our original allocation amount.

John Dennis asked what was needed from the committee.

Cat Schoenherr said that based on what was discussed in previous meetings, the committee should reach a decision on how to fund the Klondike project at this meeting.

John Dennis said it is okay to use \$1,200,000 from Cherry Lane to repay NIRPC for the money we would borrow for the Klondike Road project. Ed Garrison added that we can figure out what do with Cherry Lane at a later date, and he will continue to investigate possible funding sources.

John Dennis moved to **USE \$1,200,000 FROM CHERRY LANE TO PAY FOR THE MONEY BORROWED FROM NIRPC FOR THE KLONDIKE ROAD PROJECT.** Ron Campbell seconded and the motion was approved by unanimous voice vote.

IV. QUARTERLY PROJECT TRACKING SUMMARY

Cat Schoenherr stated that a summary was put together based on the information from the quarterly reports and the discussion at the Tech Committee meeting. There was no need to review the entire detailed report, but it is in the packet for reference.

Tippecanoe County

Cat Schoenherr said the additional funds for Klondike Road will be transferred from the Lindberg Road project to keep the project on track for a spring 2018 letting. Lindberg Road will be constructed in a later year. The PE estimate for Morehouse Road came in higher than what is currently programmed in the TIP. Staff will look into the issue as there are no additional funds to allocate to the project. North River Road at River Bend Hospital is underway and is scheduled to be let in spring 2018. Concord Road at CR 430 South, River Road at CR 500 North, and Yeager Road are in design/right-of-way and are scheduled to be let in FY 2019-2020. She added that the McCUTCHEON SAFETY project has not been awarded to a consultant yet.

Lafayette

Cat Schoenherr stated the Myers/Riehle Plaza Bridge, Sagamore Parkway Phase 1, South 18th Street, and South Street & Park/Scott Street projects are complete and awaiting final close-out details. Twyckenham Trail will be let in spring 2018, while Twyckenham Boulevard is in early design and will be

let in FY 2019. The Bicycle Safety Awareness Program project should be under contract for year two this month.

West Lafayette

Cat Schoenherr said the Happy Hollow Road and Kingston Drive Trail projects are complete and awaiting final close-out. The Happy Hollow Neighborhood Trail and Cherry Lane Extension projects are in the preliminary engineering phase. The Sagamore Parkway Trail project was on hold due to funding and overrun issues and has been moved to FY 2019. The Soldiers Home Road project has been moved out to an undetermined year due to funding constraints.

Battle Ground

Cat Schoenherr said both the North Street and street lighting projects are complete.

IDNR

Cat Schoenherr said the Prophetstown State Park Trail project has been completed.

Tony Roswarski asked if the white-topping project by the mall was still going to be done and what the timeline was for that project.

Shane Spears confirmed that project was still on the 18-Month Letting list, and that there had been no recent changes to the scope or timeline of the project.

Peter Bunder asked what the Soldiers Home Road project would entail.

Ed Garrison said the project will primarily be to remove the chicane, making the road straighter and safer.

V. OTHER BUSINESS

18-Month Letting List

Doug Poad stated the US 52 resurfacing project bids were opened yesterday and there were three bids, all were below the engineers estimate. The bid letting for the new signal on US 52 at the Tate and Lyle entrance is in January. He added that the next four projects on the list have all changed and it shows the updated letting dates for Klondike and Lindberg. The letting dates for the two bridges (SP 52 and SP 443) have been moved back a month. He added that the remaining projects listed are on track, and there are two new projects, a resurface project on SR 26 east and on SR 28 east.

Shane Spears again confirmed letting date for white-topping project.

Ron Campbell asked about the Teal Road/US 52 project.

Doug Poad replied that that project is still shown on the 18-Month Letting List and scheduled to let in January 2019

John Basham asked about the project details and whether a roundabout is still planned for the intersection of 4th Street and Teal Road.

Doug Poad confirmed that the roundabout at that intersection has been removed.

VI. CITIZEN COMMENTS

Cat Schoenherr introduced Aria Staiger to the Board and said she is the new APC GIS Technician/Addressing staff member.

The next meeting is January 11, 2018.

VII. ADJOURNMENT

Ron Campbell moved to adjourn. John Dennis seconded.

The meeting adjourned at 2:35pm.

Respectfully Submitted,

Sallie Dell Fahey
Secretary

SDF/lmu

**FY 2018-2021 TIP Amendment
Indiana Department of Transportation**

**Staff Report
January 3, 2018**

BACKGROUND AND REQUEST:

The Indiana Department of Transportation requests an amendment for twenty-two projects throughout Tippecanoe County. Of the projects submitted, six of them are new and involve either maintenance (State Roads 25, 26, 38 and I-65) or intersection improvements (State Road 43). Most of the projects in this request are already shown in the TIP, and the changes requested involve adding phases and/or updating existing phase data. Fourteen projects add project phases. Nine are for bridge work, one is for a small structure and one is for road rehabilitation. Three projects have updated phase information, including the Teal Road projects, for which the letting date has been moved to January, FY 2019. Finally, two bridge deck overlay projects on I-65 are being removed since their decks were improved in FY 2014.

The following tables provide the detailed information for each individual project.

*SR 25, from 0.35 miles west of US 52 to US 52 (des # 1700441)
PCCP Patching*

	Phase	Year	Federal Funds	Federal	State	Total
New	CN	2019	STP	188,800	47,200	236,000

*SR 25, CR 1000E over SR 25, 4.53 miles west of US 421 (des # 1701419)
Bridge Thin Deck Overlay*

	Phase	Year	Federal Funds	Federal	State	Total
Add Phase	CN	2019	STP	115,098	28,774	143,872

*SR 26, 5.75 miles west of US 231, over Southworth Branch (des # 1500121)
Small Structure Replacement*

	Phase	Year	Federal Funds	Federal	State	Total
Add Phase	RW	2019	STP	28,000	7,000	35,000
Add Phase	CN	2019	STP	8,000	2,000	10,000

The construction funding in FY 2019 is for utility coordination efforts

*SR 26, from 1.35 mile east of I-65 NB to 0.62 miles east of US 421 (des # 1592685)
HMA Overlay, Preventative Maintenance*

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2018	STP	12,992	3,248	16,240
New	CN	2019	STP	2,348,800	587,200	2,936,000

SR 26, over middle fork Wildcat Creek, 3.18 miles east of I-65 (des # 1702079)
 Bridge Thin Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
Add Phase	CN	2019	STP	246,138	61,534	307,672

SR 38, from 0.95 miles to 1.08 miles east of I-65 (des # 1601073)
 Road Rehabilitation

	Phase	Year	Federal Funds	Federal	State	Total
Add Phase	PE	2018	STP	276,800	69,200	346,000
Add Phase	CN	2019	STP	20,000	5,000	25,000

The construction funding in FY 2019 is for utility coordination efforts.

SR 38, from 1.07 miles east of I-65 to US 421 (des # 1601074)
 HMA Overlay, Minor Structural

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2018	STP	476,554	119,139	595,693
New	RW	2019	STP	480,000	120,000	600,000
New	CN	2019	STP	8,000	2,000	10,000

The construction funding for 2019 is for utilities coordination efforts.

SR 38, west bound bridge over NS Railroad, 1.37 miles west of I-65 (des # 1602057)
 Bridge Thin Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
Add Phase	CN	2018	STP	8,000	2,000	10,000

The funding requested is for railroad preliminary engineering.

SR 43, at I-65, north bound exit/entrance ramp terminus (des # 1700188)
 Intersection Improvement

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2018	HSIP	32,000	8,000	40,000

Construction is targeted for FY '22

SR 43, at I-65, south bound exit/entrance ramp terminus (des # 1700189)
 Intersection Improvement

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2018	HSIP	32,000	8,000	40,000

Construction is targeted for FY '22

US 52, from 0.21 miles east of US 231 to 3.21 miles east of US 231 (des # 0800132)
 Road Reconstruction

	Phase	Year	Federal Funds	Federal	State	Total
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Add Phase	PE	2018	STP	112,000	28,000	140,000
Update	RW	2019	STP	300,000	75,000	375,000
Update	CN	2019	STP	4,368,800	1,092,200	5,461,000

*US 52, at 9th St., 18th St., 22nd St., 26th St., Elston Rd., Old 231/Carter Lumber (des # 1172176)
Traffic Signal Modernization*

	Phase	Year	Federal Funds	Federal	State	Total
Update	CN	2019	HSIP	504,000	126,000	630,000

*US 52, at 4th St. / Poland Hill Rd. Intersection (des # 1500277)
Intersection Improvement with New Signal*

	Phase	Year	Federal Funds	Federal	State	Total
Update	CN	2019	STP	649,600	162,400	812,000

*US 231, 0.97 miles north of SR 28 (des # 1400217)
Bridge Replacement, Other Construction*

	Phase	Year	Federal Funds	Federal	State	Total
Add Phase	CN	2019	STP	1,238,400	309,600	1,548,000

*US 231, Elston Rd. over US 231 (des # 1702078)
Bridge Thin Deck Overlay*

	Phase	Year	Federal Funds	Federal	State	Total
Add Phase	CN	2019	STP	131,274	32,818	164,092

*I-65, from 2.43 miles north of SR 43 to US 231 (des # 1500154)
HMA Overlay, Preventative Maintenance*

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2018	NHPP	81,000	9,000	90,000
New	CN	2019	NHPP	14,196,600	1,577,400	15,774,000

*I-65, north bound bridge over SR 43, 3.13 miles north of SR 25 (des # 1601088)
Bridge Deck Replacement & Widening*

	Phase	Year	Federal Funds	Federal	State	Total
Add Phase	PE	2018	NHPP	108,000	12,000	120,000

*I-65, south bound bridge over SR 43, 3.13 miles north of SR 25 (des # 1601090)
Bridge Deck Replacement & Widening*

	Phase	Year	Federal Funds	Federal	State	Total
Add Phase	PE	2018	NHPP	108,000	12,000	120,000

*I-65, north bound lanes, 0.77 miles north of SR 43 at Burnett Creek (des # 1601091)
Bridge Deck Replacement & Widening*

	Phase	Year	Federal Funds	Federal	State	Total
Add Phase	PE	2019	NHPP	22,500	2,500	25,000
Add Phase	RW	2019	NHPP	22,500	2,500	25,000
Add Phase	CN	2020	NHPP	2,016,638	224,071	2,240,709

The preliminary engineering funding that is currently shown in the TIP for FY '18 is to remain.

*I-65, south bound lanes, 0.77 miles north of SR 43 at Burnett Creek (des # 1601092)
Bridge Deck Replacement & Widening*

	Phase	Year	Federal Funds	Federal	State	Total
Add Phase	RW	2019	NHPP	22,500	2,500	25,000
Add Phase	CN	2019	NHPP	22,500	2,500	25,000
Add Phase	CN	2020	NHPP	1,893,625	210,403	2,104,028

The construction funding in FY 2019 is for utility coordination efforts

*I-65, Wyndotte Rd. bridge over I-65, 2.43 miles south of SR 38 (des # 1602033)
Bridge Thin Deck Overlay*

	Phase	Year	Federal Funds	Federal	State	Total
Update				Remove Project From TIP		

*I-65, CR 375S bridge over I-65, 0.77 miles south of SR 38 (des # 1602096)
Bridge Thin Deck Overlay*

	Phase	Year	Federal Funds	Federal	State	Total
Update				Remove Project From TIP		

The Technical Transportation Committee reviewed the amendment at its December 20, 2017 meeting and recommended approval.

RECOMMENDATION:

Staff recommends approval of this amendment to the FY 2018-2021 TIP by adoption of the attached Resolution T-18-01.

Resolution T-18-01

RESOLUTION TO AMEND THE
FY 2018-2021 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 2018-2021 Transportation Improvement Program as follows:

Project	Year	Federal Funding	Phase	Federal Share	State Share	Total Cost
<i>SR 25, des #1700441</i>	2019	STP	CN	188,000	47,200	236,000
<i>SR 25, des #1701419</i>	2019	STP	CN	115,098	28,774	143,872
<i>SR 26, des #1500121</i>	2019	STP	RW	28,000	7,000	35,000
	2019	STP	CN	8,000	2,000	10,000
<i>SR 26, des #1592685</i>	2018	STP	PE	12,992	3,248	16,240
	2019	STP	CN	2,348,800	587,200	2,936,000
<i>SR 26, des #1702079</i>	2019	STP	CN	246,138	61,534	307,672
<i>SR 38, des #1601073</i>	2018	STP	PE	276,800	69,200	346,000
	2019	STP	CN	20,000	5,000	25,000
<i>SR 38, des #1601074</i>	2018	STP	PE	476,554	119,139	595,693
	2019	STP	RW	480,000	120,000	600,000
	2019	STP	CN	8,000	2,000	10,000
<i>SR 38, des #1602057</i>	2018	STP	CN	8,000	2,000	10,000
<i>SR 43, des #1700188</i>	2018	HSIP	PE	32,000	8,000	40,000
<i>SR 43, des #1700189</i>	2018	HSIP	PE	32,000	8,000	40,000
<i>US 52, des #0800132</i>	2018	STP	PE	112,000	28,000	140,000
	2019	STP	RW	300,000	75,000	375,000
	2019	STP	CN	4,368,800	1,092,200	5,461,000
<i>US 52, des #1172176</i>	2019	HSIP	CN	504,000	126,000	630,000
<i>US 52, des #1500277</i>	2019	STP	CN	649,600	162,400	812,000
<i>US 231, des #1400217</i>	2019	STP	CN	1,238,400	309,600	1,548,000
<i>US 231, des #1702078</i>	2019	STP	CN	131,274	32,818	164,092
<i>I-65, des #1500154</i>	2018	NHPP	PE	81,000	9,000	90,000
	2019	NHPP	CN	14,196,600	1,577,400	15,774,000
<i>I-65, des #1601088</i>	2018	NHPP	PE	108,000	12,000	120,000
<i>I-65, des #1601090</i>	2018	NHPP	PE	108,000	12,000	120,000
<i>I-65, des #1601091</i>	2019	NHPP	PE	22,500	2,500	25,000
	2019	NHPP	RW	22,500	2,500	25,000
	2020	NHPP	CN	2,016,638	224,071	2,240,709

Project	Year	Federal Funding	Phase	Federal Share	State Share	Total Cost
<i>I-65, des #1601092</i>	2019	NHPP	RW	22,500	2,500	25,000
	2019	NHPP	CN	22,500	2,500	25,000
	2020	NHPP	CN	1,893,625	210,403	2,104,028
<i>I-65, des #1602033</i>				Remove Project From TIP		
<i>I-65, des #1602092</i>				Remove Project From TIP		

WHEREAS, the Technical Transportation Committee reviewed the requests at its December 20, 2017 meeting and recommended their inclusion in the FY 2018-2021 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 2018-2021 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday the 11th of January, 2018.

Tony Roswarski
President

Sallie Dell Fahey
Secretary

BACKGROUND AND REQUEST:

The Greater Lafayette Public Transportation Corporation, or CityBus, requests an amendment to update its CY 2018 Section 5307 operating, capital and planning list of projects by adding \$71,022 in CY 2017 Section 5307 carryover funds, \$1,000,000 in CY 2017 Section 5307 funds transferred from MACOG, and \$2,066 in CY 2017 Section 5310 funds. The table below summarizes the sources of all federal funds:

CY 2017 Section 5307 carryover:	\$71,022
CY 2017 Section 5310 carryover:	\$2,066
CY 2017 Section 5307 MACOG:	\$1,000,000
CY 2018 Section 5307 new estimate:	<u>\$3,418,471</u>
Total:	\$4,491,559

The following tables summarize the changes:

Before Amendment:

<u>Year</u>	<u>Project</u>	<u>Federal</u>	<u>Local</u>	<u>Total Cost</u>
2018	Operating Assistance	\$1,000,000	\$11,252,323	\$12,252,323
2018	Capital Assistance	\$1,630,400	\$407,600	\$2,038,000
2018	Planning Assistance	\$40,000	\$10,000	\$50,000

After Amendment:

<u>Year</u>	<u>Project</u>	<u>Federal</u>	<u>Local</u>	<u>Total Cost</u>
2018	Operating Assistance	\$2,160,816	\$10,456,858	\$12,617,674
2018	Capital Assistance	\$1,926,466	\$481,617	\$2,408,083
2018	Planning Assistance	\$96,000	\$24,000	\$120,000

A portion of the additional federal funds will be used for operating expenses (Section 5307). Funds will also be used for scope changes of seven already programmed capital projects (bus overhauls: engines, bus overhauls: transmissions, computer hardware and software, paratransit vehicle, support vehicle, and fixed route buses and security cameras). The remaining funds will be allocated to three new capital projects (rehab facility, solar wayside signage, and mobile phone app). The following justification is provided by CityBus for the new and updated projects.

Operating Assistance - \$12,617,674, Des #1400659

Growth in state operating funds for transit, known as the Public Mass Transit Fund (PMTF), and local taxes have not kept pace with the growth in expenses. CityBus needs to use more of its Section 5307 appropriation of Federal funds to offset the increase in operating costs. An additional \$1,160,816 in Section 5307 funds will be used for operating assistance. The continuation of the Route 9 Park East bus and one additional bus on route 4B necessitates the additional operating assistance.

Rebuild or Replace Bus Engines. \$30,500. Des #1400661

CityBus is decreasing the amount of funds needed for engine replacements/repairs to \$30,500. Repair and replacement of engines has decreased due to preventive maintenance and manufacturer warranties. CityBus anticipates repairing and/or replacing two engines in 2018 at an average cost of \$15,250 each. CityBus believes these funds can be better spent on transmissions and other projects.

Rebuild or Replace Bus Transmissions. \$80,000. Des #1400662

In addition to the funds already programmed, the project is being increased by \$6,000. CityBus anticipates repairing and/or replacing transmissions in CY 2018 at higher costs than in previous years. There are currently 22 hybrid buses in the fleet, ranging in age from three to eight years. Repair or replacement of hybrid transmission components such as hybrid drives, and batteries can cost as much as \$50,000.

Computer Hardware and Software - \$104,000. Des #1400664

With an amended increase of \$54,000, CityBus will continue to focus on disaster recovery and procure software to increase efficiency and accuracy. CityBus has invested heavily in information technology systems to implement a disaster recovery plan. A large portion of the funds requested will be used to purchase a backup server that will be off-site and be a duplicate of the current system. The plan is to minimize down-time in a catastrophic event. CityBus is also planning to invest in a grants management module to be incorporated within the existing enterprise system.

Paratransit Bus Replacement - \$81,583. Des #1700409

INDOT awarded CityBus CY 2017 Section 5310 funds for the purchase of two replacement paratransit buses at a total cost of \$157,664. In CY 2018 CityBus will replace #443, and 2011 Supreme, with the remaining available fund of \$65,266, an amended increase of \$2,066 (the first bus was programmed for replacement in CY 2017). The paratransit bus will be replaced per FTA guidelines as outlined in FTA Circular 9030.1D at the time of replacement.

Support Vehicle - \$40,000. Des #1400665

With an amended increase of \$10,000, CityBus will replace a 2008 Ford F-250 truck. The replaced vehicle will exceed the requirements of FTA Circular 9030.1A for age for replacement.

Fixed Route Bus Replacement - \$1,725,000. Des #1400666

With an amended increase of \$125,000, CityBus will purchase two 40' buses and one 60' bus to replace 2005 Gilligs #1401, #1402, and #1403. 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 - \$35,000. Des #1500389

With an amended addition of \$5,000, CityBus will replace outdated equipment for vehicle security camera systems that are no longer being supported by the manufacturer. FTA requires 1% of Section 5307 funds to be used for security-related transit enhancements.

Rehab Facility - \$100,000. Des # NEW

CityBus needs to make repairs to the bus wash and rehab/replace garage doors for the bus barn and maintenance building. Estimated cost is \$60,000 for bus wash and \$40,000 for garage doors.

Solar Wayside Signage - \$88,000. Des # NEW

CityBus will replace hardwired wayside signs with solar wayside signs. The signs will be placed at bus stops with high ridership, serve multiple routes, or both. Real-time data increases passenger certainty and may drive ridership.

Mobile Phone App - \$10,000. Des # NEW

CityBus will replace an expensive, cumbersome mobile app with a mobile app that can integrate with the current CAD/AVL software. This change will make real-time data available to the community with increase efficiency.

The following table summarizes the updated capital items:

Item	Description	Federal Source	Federal Share	Local Share	Total Cost
1	Replacement Tires	Sec. 5307	56,000	14,000	70,000
2	Bus Overhauls: Engines	Sec. 5307	24,400	6,100	30,500
3	Bus Overhauls: Transmissions	Sec. 5307	64,000	16,000	80,000
4	Bus Rebuild Components		22,400	5,600	28,000
5	Computer Hardware & Software	Sec. 5307	83,200	20,800	104,000
6	Paratransit Bus	Sec. 5310	65,266	16,317	81,583
7	Support Vehicle	Sec. 5307	32,000	8,000	40,000
8	Bus Replacement	Sec. 5307	1,380,000	345,000	1,725,000
9	Coin Counter		6,400	1,600	8,000
10	Security Cameras for Vehicles	Sec. 5307	28,000	7,000	35,000
11	Office Furniture		6,400	1,600	8,000
<i>New</i>	<i>Rehab Facility</i>	<i>Sec. 5307</i>	<i>80,000</i>	<i>20,000</i>	<i>100,000</i>
<i>New</i>	<i>Solar Wayside Signage</i>	<i>Sec. 5307</i>	<i>70,400</i>	<i>17,600</i>	<i>88,000</i>
<i>New</i>	<i>Mobile Phone App</i>	<i>Sec. 5307</i>	<i>8,000</i>	<i>2,000</i>	<i>10,000</i>
		Total	1,924,466	481,617	2,408,083

Note: Projects highlighted in grey are either updated or new. Those in italic are new.

CityBus is also updating it planning projects. The scope of the strategic planning project that is currently programmed in the TIP will be expanded and a new planning project is added (planning software). The following summaries are for both projects:

Planning: Strategic Plan - \$60,000. Des #1700412

With an amended addition of \$10,000, CityBus will look to the future through the development of a new five-year strategic plan. Work will include conducting needs analysis, review of leadership’s aspirations for CityBus, articulating our mission for the next five years, understand our strengths, weaknesses, opportunities and threats, establish long-term goals and yearly objectives, and developing specific actions plans (tactics). Part of this process will also involve hiring consulting firms to conduct rider and no-rider surveying throughout the community and a boundary and taxation review and analysis. CityBus will also hold focus groups of business and elected leaders and non-profit organizations. Research will be done on new technology for use in public transit.

Planning: Software - \$60,000. Des # NEW

CityBus will invest in run-cutting software to increase service efficiency and reduce redundancy.

The following table summarizes the new planning item:

Item	Description	Federal Source	Federal Share	Local Share	Total Cost
1	Planning - Strategic Plan	Sec. 5307	48,000	12,000	60,000
2	Planning - Software	Sec. 5307	48,000	12,000	60,000
		Total	96,000	24,000	120,000

The CityBus Board of Directors resolved to authorize the updated 2018 operating, capital and planning list of projects on November 28, 2017.

The Technical Transportation Committee reviewed the amendment request at its December 20, 2017 meeting and recommended approval.

RECOMMENDATION:

Staff recommends approval of this amendment to the FY 2018-2021 Transportation Improvement Program by adoption of the attached Resolution T-18-02.

Resolution T-18-02

RESOLUTION TO AMEND THE
FY 2018-2021 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 2018-2021 Transportation Improvement Program as follows:

Projects	Des Number	Year (CY)	Federal Share	Local Share	Total Cost
Operating Assistance	1400659	2018	2,160,816	10,456,858	12,617,674
Bus Overhauls: Engines	1400661	2018	24,400	6,100	30,500
Bus Overhauls: Transmissions	1400662	2018	64,000	16,000	80,000
Computer Hardware & Software	1400664	2018	83,200	20,800	104,000
Paratransit Bus	1700409	2018	65,266	16,317	81,583
Support Vehicle	1400665	2018	32,000	8,000	40,000
Fixed Route Buses	1400666	2018	1,380,000	345,000	1,725,000
Vehicles Camera Systems	1500389	2018	28,000	7,000	35,000
Rehab Facility	New	2018	80,000	20,000	100,000
Solar Wayside Signage	New	2018	70,400	17,600	88,000
Mobile Phone App	New	2018	8,000	2,000	10,000
Strategic Plan	1700412	2018	48,000	12,000	60,000
Planning Software	New	2018	48,000	12,000	60,000

WHEREAS, the Greater Lafayette Public Transportation Corporation Board of Directors reviewed and approved the new and revised transit projects at its November 28, 2017 meeting and,

WHEREAS, the Technical Transportation Committee reviewed the request at its December 20, 2017 meeting and recommended its inclusion in the FY 2018-2021 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 2018-2021 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday the 11th of January, 2018.

Tony Roswarski
President

Sallie Dell Fahey
Secretary

18 Month Letting List - January 2, 2018

(INDOT update: December 15, 2017)

		Letting Date	Road	Location	Type of Work	Des & Contract Number	Previous Letting Date
1	S	1/18/2018	US 52	Intersection of US 52 and Ross Rd. (aka the Tate & Lyle plant entrance)	New Signal Installation	1702292 R-31319	
2	S	2/7/2018	SP 52	WB BR over Wabash River, 0.46 mi E of Happy Hollow (Old SR 443)	Bridge Deck Replacement	1298387 B-36707	
3	S	2/7/2018	SP 443	BR over Sagamore Pkwy (Old US 52) EB & WB, 1.35 mi N of N River Road (Old SR 43)	Bridge Deck Replacement	1298394 B-36707	
4	C	2/7/2018	Twyckenham Trail	between Old Romney and Old US 231	Bike/Pedestrian Facilities	1700401 R-40122	4/11/2018
5	C	3/14/2018	Klondike	From Lindberg Rd.(CR 200N) to US 52	Road Reconstruction (3R/4R Standards)	1173626 R-35296	2/7/2018
6	S	3/14/2018	Lindberg	from Klondike to McCormick	Road Reconstruction (3R/4R Standards)	1173627 R-35297	
7	S	3/14/2018	US 52	at US 231 West Junction (Montmorenci)	New Signal Installation	1601884 T-39952	
8	S	3/14/2018	US 231	SB Bridge over Wabash River, 0.87 mi N of SR 25	Scour Protection (Erosion)	1382314 N-35761	
9	S	3/14/2018	US 231	NB Bridge over Wabash River, 0.87 mi N of SR 25	Scour Protection (Erosion)	1382313 B-35761	
10	S	7/11/2018	Cherry Lane	from relocated US 231 to McCormick	New Road Construction	1401290 R-37913	
11	S	7/11/2018	SR 25	CR 500 E over SR 25 / RR	Bridge Thin Deck Overlay	1701414 RS-40520	
12	S	7/11/2018	SR 25	CR 900 E over SR 25 / RR	Bridge Thin Deck Overlay	1701418 RS-40520	
13	S	7/11/2018	SR 25	CR 1000 E over SR 25	Bridge Thin Deck Overlay	1701419 RS-40520	
14	S	7/11/2018	SR 26	Over M Fork Wildcat Creek, 3.18 mi E of I-65	Bridge Thin Deck Overlay	1702079 RS-40520	
15	S	7/11/2018	SR 26	From 1.35 mi E of I-65 NB to 0.62 mi E of US 421	HMA Overlay, Preventive Maintenance	1592685 RS-40520	
16	S	7/11/2018	SR 28	US 52 E jct to 6.32 mi E of I 65	HMA Overlay, Preventive Maintenance	1593036 RS-39978	
17	S	10/11/2018	North River Road	At River Bend Hospital	Road Reconstruction (3R/4R Standards)	1401047 R-37686	
18	S	1/16/2019	Happy Hollow Nbhd Trail	Happy Hollow Rd (trail) from Hollowood to Happy Hollow Park	Bike/Pedestrian Facilities	1401288 R-37916	
19	S	1/16/2019	US 52	From .21 mi N of US 231 to 3.21 mi N of US 231	Road Reconstruction (3R/4R Standards)	0800132 R-31319	
20	S	1/16/2019	US 52	At 9th St, 18th St, 22nd St, 26th St, Elston Rd, and Old US 231/Carter Lumber	Traffic Signals Modernization	1172176 R-31319	
21	S	1/16/2019	US 52	At 4th Street/Poland Hill Road Intersection	Intersect. Improv. W/ New Signals	1500277 R-31319	
22	S	1/16/2019	Concord Road	At CR 430S	Intersect. Improv. W/ Added Turn Lanes	1401282 R-37912	
23	NL		Sagamore Parkway Trail	From Happy Hollow Rd to the Sagamore Parkway bridge over the Wabash	Bike/Pedestrian Facilities	1401288 R-37916	

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

Bid Letting Results

	12/13/2017	US 52	From 3.21 mi E of US 231 (335 ft W of 30th St) to 4.56 mi W of W Jct SR 28	HMA Overlay, Functional	1500159 RS-39572	
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Project Awarded to Rieth Riley Construction for \$10,554,847.84

Engineer's Estimate: \$13,041,930.00

Three bids submitted

Estimated completion date: October 20, 2018