



TECHNICAL ADVISORY COMMITTEE

December 6, 2023

10:00 – 11:30 a.m.

Bloomington City Hall - Council Chambers and Virtual Location via Zoom

Join Zoom Meeting

<https://bloomington.zoom.us/j/8657231124?pwd=VG9sQWZsNTZpU1ZBa0lzdjJ5NkQ5dz09>

Meeting ID: 865 723 1124

Passcode: BMCMPPO

Dial by your location

+1 312 626 6799 US (Chicago)

Find your local number: <https://bloomington.zoom.us/u/ky1ihyfjN>

Clicking on the link will take you to the meeting. You will automatically receive a dial-in number if you want to use your phone for audio and not your computer microphone.

The City is committed to providing equal access to information. However, despite our efforts, at times, portions of our board and commission packets are not accessible for some individuals. If you encounter difficulties accessing material in this packet, please contact the Melissa Hirtzel at hirtzelm@bloomington.in.gov and provide your name, contact information, and a link to or description of the document or web page you are having problems with.

- I. Call to Order and Introductions
- II. Approval of Meeting Agenda*
- III. Approval of Minutes*
 - a. October 25, 2023
- IV. Communications from the Chair and Vice Chair
- V. Reports from Officers and/or Committees
- VI. Reports from the MPO Staff
 - a. 2024 Committee Meeting Schedule
- VII. Old Business
 - a. Urban area boundary based on 2020 Census data
 - b. 2023 Indiana MPO Conference - Executive Summary
 - c. BMCMPPO 2024 Complete Streets Policy Update
- VIII. New Business
 - a. FY 2024-2028 TIP Amendments*
 - (1) DES#1900098 - SR46 Superstructure Replacement 6.04 miles W of SR 37 @ Jacks Defeat Creek (WBL)
 - (2) DES#2000311 - SR46 EB Bridge Superstructure Replacement at 4.83 Miles W of SR 37 at Jacks Defeat Creek
 - (3) DES#2300013 - VA VARI IDIQ (Indefinite Delivery, Indefinite Quantity) at various locations throughout the Seymour District

- (4) DES#1800371 - SR37 Intersection Improvement with Added Turn Lanes at Dillman Road
- (5) DES#1700198 - SR45/SR46 Intersection Improvement with Added Turn Lanes From 0.2 mi E of I-69 (Arlington) to 0.93 mi E of I-69 (Kinser Pike)
- (6) BLO-23-004 - Bloomington Transit - Land Acquisition for Facility, Service Area, and Fleet Expansion
- (7) DES#1900405 – Liberty Drive Connection to Karst Trail

IX. Public Comment on Matters Not Included on the Agenda (*non-voting items*)
Limited to five minutes per speaker, and may be reduced by the committee if numerous people wish to speak

X. Communications from Committee Members on Matters Not Included on the Agenda (*non-voting items*)

- a. Communications
- b. Topic Suggestions for Future Agendas

XI. Upcoming Meetings

- a. Policy Committee - December 8, 2023 at 1:30 p.m. (Hybrid)
- b. Technical Advisory Committee - January 24, 2024 at 10:00 a.m. (Hybrid)
- c. Citizens Advisory Committee - January 24, 2024 at 5:30 p.m. (Hybrid)

XII. Adjournment

**Action Requested / Public comment prior to vote (limited to five minutes per speaker).*

Auxiliary aids for people with disabilities are available upon request with adequate notice. Please call [812-349-3429](tel:812-349-3429) or e-mail human.rights@bloomington.in.gov.



TECHNICAL ADVISORY COMMITTEE

October 25, 2023

10:00 – 11:30 a.m.

Bloomington City Hall - Council Chambers and Virtual Location via Zoom

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Members Present: John Baeten, Max Stier (P), Neil Kopper (P), Kathy Schultz (P), Steve Cotter, Jackie Jelen, John Kennedy (V), Denise Line, Nate Nickel, Abby Mantsch (P), Ryan Robling (P), Paul Satterly, Cheryl Gilliland* (P)

* = individual arrived late, so some votes do not have full attendance, however the meeting in entirety met quorum

Staff Present: Rachael Sargent, Pat Martin

- I. Call to Order and Introductions
- II. Approval of Meeting Agenda*
**** John Baeten moved for approval of the meeting agenda. Ryan Robling seconded. Motion passed by a roll call vote (11-0).***
- III. Approval of Minutes*
 - a. September 27, 2023
**** John Baeten moved for approval of the September 27, 2023 meeting minutes. Ryan Robling seconded. Motion passed by a roll call vote (11-0).***
- IV. Communications from the Chair and Vice Chair
Paul Satterly provided an update regarding Bicentennial Pathway should be completed by end of next week. Vernal Pike connector will bid February 15, 2024. Fullerton Pike Phase III project will bid January 18, 2024.
Nate Nickel provided an update on paving around the City and indicated that snow patrol operations are in mind.
- V. Reports from Officers and/or Committees
- VI. Reports from the MPO Staff
 - a. DES#1700198 - SR45-46 Access Improvements from Stone Lake Drive to Arlington Rd. (New Ramp & J-Turn Area)
 - b. b. DES#1800199 and DES#1800086 - SR45 from the SR45-46 Bypass through the Pete Ellis/Discovery Parkway Intersection

Pat Martin provided update on project notices from INDOT and future opportunities for public comment.

VII. Old Business

- a. Urban area boundary based on 2020 Census data
Rachael Sargent provided update indicating that the BMCMPPO recommended no changes to the urban area boundary to INDOT and submitted to FHWA and waiting for approval.
- b. 2023 Indiana MPO Conference
Rachael Sargent indicated the success of the MPO Conference earlier in the month.

VIII. New Business

- a. FY 2024-2028 TIP Amendments*
 - (1) DES#1802977 - Fullerton Pike, Phase III, Roadway
 - (2) DES#1900493 -Pedestrian Trail Crossing Improvements
 - (3) DES#2000231 - Intersection Improvement with Added Turn Lanes - from the SR 46 Bypass to N Russel Rd
 - (4) DES#1700198 - Intersection Improvement with Added Turn Lanes From 0.2 mi E of I-69 (Arlington) to 0.93 mi E of I-69 (Kinser Pike)
 - (5) DES#1800371 - Intersection Improvement with Added Turn Lanes at Dillman Road
 - (6) DES#2100084 – 2022-2026 Bridge Safety Inspection & Inventory
 - (7) DES#2300141 - 2024-2028 Bridge Safety Inspection & Inventory

**** John Baeten moved for approval of the FY 2024-2028 TIP Amendments, with the caveat that all amendments are fiscally constrained. Jackie Jelen seconded. Motion passed by a roll call vote (12-0).***
- b. BMCMPPO FY 2024 Complete Streets Policy -Redline Copy –Draft
Rachael Sargent discussed the 2024 Complete Streets Policy update and requested that any comments may be provided to her by November 22, 2023. Discussion ensued.

IX. Public Comment on Matters Not Included on the Agenda (*non-voting items*)
Limited to five minutes per speaker, and may be reduced by the committee if numerous people wish to speak

X. Communications from Committee Members on Matters Not Included on the Agenda (*non-voting items*)

- a. Communications
- b. Topic Suggestions for Future Agendas

XI. Upcoming Meetings

- a. Policy Committee - November 17, 2023 at 1:30 p.m. (Hybrid)
- b. Technical Advisory Committee - November 15, 2023 at 10:00 a.m. (Hybrid)
- c. Citizens Advisory Committee - November 15, 2023 at 6:30 p.m. (Hybrid)

XII. Adjournment

**Action Requested / Public comment prior to vote (limited to five minutes per speaker).*

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2024 BMCMPO Committee Meeting Schedules

	POLICY COMMITTEE	TECHNICAL ADVISORY COMMITTEE	CITIZENS ADVISORY COMMITTEE
January	WINTER RECESS	01/24/2024 10:00 am	01/24/2024, 5:30 pm
February	02/09/2024, 1:30 pm	02/28/2024 10:00 am	02/28/2024, 5:30 pm
March	03/08/2024, 1:30 pm	03/27/2024, 10:00 am	03/27/2024, 5:30 pm
April	04/12/2024, 1:30 pm	04/24/2024, 10:00 am	04/24/2024, 5:30 pm
May	05/10/2024, 1:30 pm	05/22/2024, 10:00 am	05/22/2024, 5:30 pm
June	06/14/2024, 1:30 pm	SUMMER RECESS	SUMMER RECESS
July	SUMMER RECESS	07/24/2024, 10:00 am	07/24/2024, 5:30 pm
August	08/09/2024, 1:30 pm	08/28/2024, 10:00 am	08/28/2024, 5:30 pm
September	09/13/2024, 1:30 pm	09/25/2024, 10:00 am	09/25/2024, 5:30 pm
October	10/11/2024, 1:30pm	10/23/2024, 10:00 am	10/23/2024, 5:30 pm
November	11/08/2024, 1:30 pm	11/20/2024, 10:00 am*	11/20/2024 5:30 pm*
December	12/13/2024, 1:30 pm [∞]	WINTER RECESS	WINTER RECESS

* Meeting moved ahead one week due to holiday; ^ Meeting moved back one week due to holiday or weather; ° Meeting postponement date;
[∞] Meeting to be held if necessary

ALL MEETINGS WILL BE HELD IN A HYBRID FORMAT
 Policy Committee (2nd Fridays)
 Technical & Citizens Advisory Committees (4th Wednesdays)



BMCMPPO Staff Report: Indiana Metropolitan Planning Organization Annual Conference - Bloomington, Indiana

December 6, 2023

Executive Summary 2023 Indiana Metropolitan Planning Organization Conference

The BMCMPPO hosted the 2023 Indiana MPO Conference on October 10-12, 2023 to share ideas regarding transportation and planning, with a focus on this year's theme *Climate Change and Sustainability*.

Welcome Speakers

- City of Bloomington Mayor John Hamilton
- City of Bloomington Planning and Transportation Department Director Scott Robinson
- Monroe County Commissioner Dr. Julie Thomas
- Indiana Department of Transportation Seymour District Deputy Commissioner Tony McClellan
- Federal Highway Administration Indiana Division Administrator Jermaine Hannon
- Bloomington-Monroe County Metropolitan Planning Organization Senior MPO Transportation Planner Patrick Martin

Keynote Speakers

- Indiana University Environmental Resilience Institute Executive Director Dr. Gabriel Filippelli
- Indiana Department of Transportation Commissioner Mike Smith

Mobile Workshops

- ***Building a Pedestrian (and Bicyclist) Network: The Whole is Greater than the Sum of its Parts***
 - Participants covered around 4 miles on foot, visiting several infrastructure projects and provided feedback on design, including a neighborhood greenway, pedestrian crossing islands, a 2-way protected bike lane, and more. Participants also visited a street that being studied for safety improvements.
 - Beth Rosenbarger, City of Bloomington Planning and Transportation Department Assistant Director, rosenbab@bloomington.in.gov
- ***Indiana University Campus Sustainability and Transportation Tour***
 - The Indiana University Campus Sustainability Tour provided participants both a broad campus tour and highlighted various campus sustainability programs along a 2-3 mile walking path. The route feature various well-known landmarks, specific campus facilities, sustainability and transportation programs, and notable events in partnership with IU Sustainability, Transportation Demand Management, and IU Student Foundation / Little 500 staff.

- Tanjimul Alam, Indiana University Sustainability Manager, alamt@iu.edu;
Amanda Keene, Indiana University Sustainability Manager, alkeene@iupui.edu
- **Bloomington Bike Tour**
 - Participants covered approximately 13 miles by Bird e-bikes. Participants visited several infrastructure projects and provided feedback on design, such as a neighborhood greenway, pedestrian crossing islands, a 2-way protected bike lane, and more. Participants also visited a street that being studied for safety improvements.
 - Hank Duncan, City of Bloomington Bicycle and Pedestrian Coordinator, hank.duncan@bloomington.in.gov
- **Bloomington & Monroe County Bus Tour**
 - A Visit Bloomington guided the Bloomington & Monroe County Bus Tour, highlighting all of the significant landmarks and main attractions of Bloomington and Monroe County.
 - Teal Strabbing, Visit Bloomington Visitor Services Manager, teal@visitbloomington.com
- **Supporting Regional Goals through Multi-Level Implementation**
 - Madison County Council of Government discussed the implementation process from regional MTP development to local level ordinance adoption. Participants learned how to make MTPs more actionable and develop context-based thoroughfare plans for local decisions that support regional goals.

Breakout Sessions

- **Federal Highway Administration Eastern Federal Lands Highway Division Support Overview**
 - The FHWA Eastern Federal Lands Highway Division covered several programs and case studies, including their work around the national parks system.
 - Lewis Grimm, Federal Highway Administration Planning Team Leader, lewis.grimm@dot.gov
- **Federal Grants with a Focus on Safe Streets 4 All (SS4A) Grant**
 - This session provided an overview of available federal grant opportunities from the Bipartisan Infrastructure Legislation (BIL) with a focus on the Safe Streets for All (SS4A) Grant Program. Presenters described resources and the post award process for SS4A grants, providing insight into what it is like to be a direct recipient of federal transportation funds.
 - Eryn Fletcher, Federal Highway Administration Indiana Division Safety Engineer, eryn.fletcher@dot.gov
- **Planning for Zero: A Safety Plan Case Study**
 - Madison County Council of Governments (MCCOG) adopted its first Comprehensive Safety Action Plan, Protect 2030, in March 2023 following a 12-month planning process. This case study highlighted key steps, introduces unique public input tools, and illustrates analysis procedures.
 - Ryan Phelps, MCCOG Systems Planning, Analysis, and Forecasting Manager, ryan@heartlandmpo.org
 - Brandon Kendera, MCCOG Senior Transportation Planner, brandon@heartlandmpo.org

- ***Understanding Sustainable Pavements in Indiana***
 - This presentation highlighted concrete pavement and drainage options for a resilient and sustainable infrastructure. The concrete industry has been working to reduce greenhouse gas emissions, and this session focused on efforts and new technologies. Additionally, the session included a discussion of benefits of concrete pavements related to impacts caused by climate-changing events.
 - John Leckie, American Concrete Pavement Association Executive Director, jleckie@irmca.com
- ***The Geography of Creativity: Cultural Districts***
 - Geography matters in the creative industries. Concentrated areas where creative individuals, organizations and audiences can mingle, share ideas, and shape innovative content and services ignite local economies and strengthen the resilience of their communities. The value of creative geographies is immense, multi-layered and far-reaching. Cultural districts attract investment, knowledge workers and tourists; build community and social capital; and reveal a distinctive local identity. Participants learned about the geography of creativity, how those geographies can play out in communities, and how the Indiana Arts Commission and other statewide partners' work is evolving in this area.
 - Miah Michaelsen, Indiana Arts Commission, Executive Director, mmichaelsen@iac.in.gov
- ***Walk, Roll, and Pedal: Multi-Modal Transport Expert Panel***
 - Multi-modal experts served on a panel to discuss bicycling, walking, accessibility, and other multi-modal activities. Presenters discussed community building through multi-modal transportation, as well as long-term engagement with the activity.
 - Hank Duncan, City of Bloomington Bicycle and Pedestrian Coordinator, hank.duncan@bloomington.in.gov
 - Margaret Barawskas, Bicycle Indiana Executive Director, info@bicycleindiana.org
 - Anna Dragovich, Indiana University Transportation Demand Management Coordinator, adragovi@iu.edu
- **Implementing a New Transportation Demand Management (TDM) Program: The Goals are to Decrease CO2 Emissions, Reduce Traffic, and Improve Parking Availability**
 - The City of Bloomington launched its TDM program on September 6, 2022. Prior to its launch, it took eight months to develop the Go Bloomington brand and design its website. Over the last year, Go Bloomington has implemented a marketing campaign to build awareness about the benefits of reducing single occupant vehicle (SOV) use. Go Bloomington has secured federal Carbon Reduction Funding (CRF) by being included in the MPO's 2024-2028 Transportation Improvement Program (TIP).
 - Jeff Jackson, City of Bloomington Transportation Demand Manager, jeffrey.jackson@bloomington.in.gov
- ***Creating a Climate Resilience Plan: Prioritizing Climate Risks and Vulnerabilities and Developing Adaptation Strategies with Community Engagement***

- The City of Bloomington is currently writing a Climate Resilience Plan as part of the IU Environmental Resilience Institute's 2023 Resilience Cohort. The plan is based on information gathered during two community workshops where community members prioritize climate risks and vulnerabilities across 8 sectors based on a set of specific criteria and develop adaptation strategies that help to reduce the impact from the highest prioritized risks identified.
- Shawn Miya, City of Bloomington Assistant Director for Sustainability, shawn.miya@bloomington.in.gov
- **Trails Connecting Communities**
 - A group of local interests in Monroe and Owen counties started meeting together to apply for a grant for a regional trail between Bloomington and Spencer, via McCormick's Creek State Park. That grant application was not successful, but we found value in our shared ideas and have continued to meet. At the same time, a nearby region envisioned a regional trail that has become the Monon South Trail plan. Though each group has a lot of work to do on their region's trails, they are looking toward each other to connect one day.
 - Trohn Enright-Randolph, Monroe County Surveyor, tenright@co.monroe.in.us
 - Kyle Hannon, MYPATH Trail System Project Manager, kyle.r.hannon@gmail.com
 - Jeff Quyle, Radius Indiana President and CEO, j.quyle@radiusindiana.com
- **Designing for Pedestrians and Inducing Pedestrian Demand (Win-Win!)**
 - Too often in transportation planning and engineering, walking is not taken seriously as a mode of transportation. The failure to acknowledge walking (or being a pedestrian) as a fundamental form of transportation results in a negative feedback loop, which disproportionately impacts people of color, low-income residents, and people with disabilities. Speakers discussed how to design for pedestrians, how designing for pedestrians relates to climate action, and how induced demand applies to pedestrian and bicyclist infrastructure, too.
 - Beth Rosenbarger, City of Bloomington Transportation and Planning Department Assistant Director, rosenbab@bloomington.in.gov
 - Tim Street, City of Bloomington Parks and Recreation Department Operations and Development Division Manager, tim.street@bloomington.in.gov
- **The 7-Line: Bloomington's 7th Street Protected Bike Lane Corridor**
 - The 7-Line provides an enhanced east-west multimodal corridor to connect downtown, Indiana University campus, and eastside and westside neighborhoods along 7th Street. This presentation will provide an overview of the project from the early planning stages through post construction maintenance and operation.
 - Andrew Cibor, City of Bloomington City Engineer, andrew.cibor@bloomington.in.gov
- **Transform BT - The Strategic Plan to re-invent transit and mobility in Bloomington Community**
 - Hear a first-hand account of how the Bloomington Public Transportation Corporation is planning and strategizing to become the best small transit system in the country.
 - Kathy Schultz, Bloomington Transit Manager of Marketing and Development, kathy.schultz@bloomingtontransit.com



BMCMPO Staff Report: FY 2024-2028 TIP Amendments & Modifications

BMCMPO Technical Advisory Committee and Citizens Advisory Committee Meetings
December 6, 2023

FY 2024 - 2028 Transportation Improvement Program Amendments and Modifications

- **INDOT: DES#1900098 - SR46 6.04 miles W of SR37 @ Jacks Defeat Creek WBL**
 - Move \$2,390,000 of CN funding from FY 24 to FY 25.

- **INDOT: DES#2000311 - SR46 EB bridge over Jacks Defeat Creek, 4.83 miles W of SR37**
 - Move \$735,960 of CN funding from FY 24 to FY 25 and increase by \$317,115 for a total of \$1,053,075 in FY 25.

- **INDOT: DES#2300013 - VA VARI IDIQ, various locations throughout the Seymour District**
 - Add New Project. This project is in various locations within the Seymour District and has to be shown in all TIPs.

- **INDOT: DES#1800371 - SR37 At intersection of Dillman Road in Bloomington**
 - Move \$1,492,000 of CN funding from FY 24 to FY 25 and increase by \$220,823 of CN funding for a total of \$1,732,823 in FY 25.

- **INDOT: DES#1700198 - SR45 From 0.2 mi E of I-69 (Arlington) to 0.93 mi E of I-69 (Kinser)**
 - Add \$3,430,538 of CN funding in FY 24 for a new total of \$11,289,632.

- **Bloomington Transit: DES# BLO-23-004 Land Acquisition for Service and Fleet Expansion**
 - Increase of \$4,048,558 using STBG funds: \$3,978,983 from a flex transfer and an additional \$69,575 from a Bus Stop Improvements project.

- **Monroe County: DES#1900405 Liberty Drive Connection to Karst Trail**
 - Increase of \$9,000 in CE local; increase of \$456,158.91 in CN local.

NDMENT and/or MODIFICATION REQUEST

Amendment
Modification
Grouped Project

Date: 4-Dec
 Requestor: Taylor Herrin

Signed Off? (Month/Year)	Sponsor	DES	Contract #	Route	Work Type	Location	County	District	Miles	Federal Category	Asset Program - (State Projects Only)	Phase	Federal	Match	2024	2025	2026	2027	2028	Total Project Cost	Remarks	Letting Date	MPO	Air Quality Information (if applicable)
	INDOT	1900098	B-42231	SR 46	Replace Superstructure	0.64 miles W of SR 37 @ Jacks Defeat Creek WBL	Monroe	Seymour	0	STP	Bridge	CN	\$ 1,912,000	\$ 478,000		\$ 2,390,000				\$ 2,535,000	Move \$2,390,000 of CN funding from FY 24 to FY 25.	12/11/24	BMCMPPO	
	INDOT	2000311	B-42231	SR 46	Bridge Deck Overlay	SR 46 EB bridge over Jacks Defeat Creek, 04.83 V	Monroe	Seymour	0	STP	Bridge	CN	\$ 842,460	\$ 210,615		\$ 1,053,075				\$ 1,182,275	Move \$735,960 of CN funding from FY 24 to FY 25 and increase by \$317,115 for a total of \$1,053,075 in FY 25.	12/11/24	BMCMPPO	
	INDOT	1800371	R-42414	SR 37	Intersect. Improv. W/ Added Turn Lanes	SR 37 At intersection of Dillman Road in Blooming	Monroe	Seymour	0	HSIP	Safety	CN	\$ 1,559,541	\$ 173,282		\$ 1,732,823				\$ 2,025,648	Move \$1,492,000 of CN funding from FY 24 to FY 25 and increase by \$220,823 of CN funding for a total of \$1,732,823 in FY 25.	07/10/24	BMCMPPO	
	INDOT	1700198	R-42426	SR 45	Intersect. Improv. W/ Added Turn Lanes	SR 45 From 0.2 mi E of I-69 (Arlington) to 0.93 mi	Monroe	Seymour	0	NHS	Mobility	CN	\$ 9,031,706	\$ 2,257,926	\$ 11,289,632					\$ 13,467,577	Add \$3,430,538 of CN funding in FY 24 for a total of \$11,289,632	02/15/24	BMCMPPO	
	INDOT	2300013	B-44804	VA	District Wide Bridge Maintenance	VA VARI IDIQ, various locations throughout the Sd	Monroe	Seymour	0	STP	Bridge	CN	\$ 800,000	\$ 200,000	1,000,000					\$ 1,000,000	Add New Project. This project is in various locations within the Seymour District and has to be shown in all TIPs.	01/18/24	BMCMPPO	



FY 2024 - 2028 Transportation Improvement Program

Project Request Form

(Please return fully completed)

Mail: Bloomington - Monroe County MPO
401 N Morton Street, Suite 130
Bloomington, Indiana 47402
Email: rachael.sargent@bloomington.in.gov
Fax: (812) 349-3530

Section 1: Local Public Agency Information

- City of Bloomington
- Monroe County
- Town of Ellettsville
- Indiana University
- Bloomington Transit
- Rural Transit
- INDOT
- _____

Employee in Responsible Charge (ERC): Christa Browning
Phone: 812-961-0524
Email: browninc@bloomingtontransit.com

Section 2: Verification

I hereby certify that the information submitted as part of this form is complete and accurate. Furthermore, if applicable, I certify that the project complies with the BMCMPPO Complete Streets Policy.

Christa Browning, Controller

11/9/23

Employee in Responsible Charge (ERC)

Date

Section 3: Project Information

- A. Project Name: Land Acquisition for Service and Fleet Expansion
- B. Is project already in the TIP?
 Yes No
- C. INDOT DES# or INDOT Office of Transit ID# (if assigned): The Land Acquisition(DES# TBD) STP monies DES#BLO-22-005 and BLO-23-004 for a total \$4,048,558 (FTA-STP-Flex)
- D. Project Location (detailed description of project termini if applicable): City of Bloomington

E. Please identify the primary project type (select only one):

- Bicycle & Pedestrian
- Bridge
- Road – Intersection
- Road – New/Expanded Roadway
- Road – Operations & Maintenance
- Road – Reconstruction/Rehabilitation/Resurfacing
- Sign
- Signal
- Transit
- Other - Please Specify _____

F. Project Support (local plans, LRTP, TDP, etc.):

G. Allied Projects:

H. Does the Project have an Intelligent Transportation Systems (ITS) component?

- Yes No

If yes, is the project included in the MPO's ITS Architecture?

- Yes No

I. Anticipated Letting Date: _____

Section 4: Financial Plan

Identify all anticipated costs for all phases of the project, including any costs anticipated in years beyond the scope of this TIP. All phases **must** incorporate a four percent (4%) per year inflation factor per BMCMPO policy. All CN phases must include an appropriate amount of funding for construction inspection in addition to project construction costs.

Note: Fiscal Year 2024 begins on July 1, 2023 and ends on June 30, 2024.

Phase	Funding Source	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Outlying Years
Capital	FTA 5339	\$6,000,000	\$	\$	\$	\$	\$
	Flex-STP	\$ 4,048,558	\$	\$	\$	\$	\$
	Local	\$ 2,512,140	\$	\$	\$	\$	\$
	Total	\$12,560,698	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CE		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CN		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
	Totals:	\$	\$	\$	\$	\$	\$

Section 5: Complete Streets Policy

A. Select one of the following:

- Compliant** - This project is subject to the Complete Streets Policy because it involves the new construction or reconstruction of local roadways that will use federal funds through the BMCMPPO for any phase of project implementation. *Additional Information items 1-8 (below) must be submitted for compliant projects.*
- Not Applicable** - This project is not subject to the Complete Streets Policy because it is a transit project, a non-roadway project, a resurfacing activity that does not alter the current/existing geometric designs of the roadway, or is a project that uses federal funds for which the BMCMPPO does NOT have programming authority. *No Additional Information items (below) have to be provided for projects to which the Complete Streets Policy does not apply.*
- Exempt** – The LPA is requesting that this project be exempted from the Complete Streets Policy due to certain circumstances or special constraints, as detailed in Section IV of the Complete Streets Policy. Please provide a detailed explanation of why the project should be exempted. *Additional Information items 1, 4-8 (below) must be submitted for Exempt projects.*

Justification for Exemption: _____

B. Additional Required Information:

Please attach to this application form or provide the following information below as required by the Complete Streets Policy to expedite processing of this project request. If any items are unknown at the time of application, the applicant may indicate that "specific information has not yet been determined." Any required information not provided at the time of this application must be reported to the MPO as soon as it becomes available.

- 1) **Detailed Scope of Work** – Provide relevant details about the project that would be sufficient to use when seeking consulting services (detailed project description, vehicular elements, non-vehicular elements, new construction/reconstruction).

- 2) **Performance Standards** – List specific performance standards for multimodal transportation, including, but not limited to transit, pedestrian, bicycle, and automobile users, ADA and Universal Design, environmental, utilities, land use, right of way, historic preservation, maintenance of services plan, and any other pertinent design component in relation to current conditions, during implementation/construction, and upon project completion.

- 3) **Measurable Outcomes** – Identify measurable outcomes the project is seeking to attain (e.g. safety, congestion and/or access management, level-of-service, capacity expansion, utility services, etc.).

- 4) Project Timeline – Identify anticipated timelines for consultant selection, public participation, design, right-of-way acquisition, construction period, and completion date.

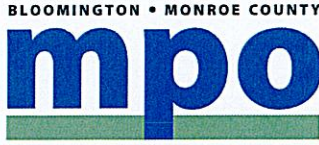
- 5) Key Milestones – identify key milestones (approvals, permits, agreements, design status, etc.).

- 6) Project Cost – Identify any anticipated cost limitations, additional funding sources, project timing, and other important cost considerations not included in the table above.

- 7) Public Participation Process – Describe the public participation process (types of outreach, number and type of meetings, etc.), and the benchmark goals for the project (participation rates, levels of outreach, levels of accountability and corresponding response methods to input received, etc.).

- 8) Stakeholder List – Identify the key parties/agencies/stakeholders/interest groups anticipated to be engaged during project development and their respective purpose for being on the list.

Source: BMCMPPO, May 2023.



FY 2024 - 2028 Transportation Improvement Program Project Request Form

(Please return fully completed form by February 10, 2023)

Mail: Bloomington - Monroe County MPO
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Section 1: Local Public Agency Information

- City of Bloomington
- Monroe County
- Town of Ellettsville
- Indiana University
- Bloomington Transit
- Rural Transit
- INDOT
- _____

Employee in Responsible Charge (ERC): Lisa Ridge, Highway Director
Phone: 812-349-2555
Email: ljridge@co.monroe.in.us

Section 2: Verification

I hereby certify that the information submitted as part of this form is complete and accurate. Furthermore, if applicable, I certify that the project complies with the BMCMPO Complete Streets Policy.

Lisa Ridge

Employee in Responsible Charge (ERC)

12-5-2023

Date

Section 3: Project Information

- A. Project Name: Liberty Drive Connection to Karst Trail
- B. Is project already in the TIP?
 Yes No
- C. INDOT DES# or INDOT Office of Transit ID# (if assigned): #1900405
- D. Project Location (detailed description of project termini if applicable): The connection will be start at SR 45 and Liberty Drive, travel north on Liberty Drive, to Constitution Drive, west on Constitution, cross Curry Pike and extend west to the Karst Trail

E. Please identify the primary project type (select only one):

- Bicycle & Pedestrian
- Bridge
- Road – Intersection
- Road – New/Expanded Roadway
- Road – Operations & Maintenance
- Road – Reconstruction/Rehabilitation/Resurfacing
- Sign
- Signal
- Public Transit
- Other (Specify) _____

F. Project Support (local plans, LRTP, TDP, etc.):
Alternative Transportation Plans for the City of Bloomington and Monroe County

G. Allied Projects:
The Karst Trail has been completed over the last few years in phases, the last connection was completed in 2022 to connect the Karst Trail to Ellettsville. This project will make the connection east to west from the B-line trail to the Karst Trail at Gifford Road.

H. Does the Project have an Intelligent Transportation Systems (ITS) component?
 Yes No

If yes, is the project included in the MPO's ITS Architecture?
 Yes No

I. Anticipated Letting Date: January 18, 2024

Section 4: Financial Plan

Identify all anticipated costs for all phases of the project, including any costs anticipated in years beyond the scope of this TIP. All phases **must** incorporate a four percent (4%) per year inflation factor per BMCMPPO policy. All CN phases must include an appropriate amount of funding for construction inspection in addition to project construction costs.

Note: Fiscal Year 2024 begins on July 1, 2023 and ends on June 30, 2024.

Phase	Funding Source	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Outlying Years
PE		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
RW	Local	\$ 295,000.00	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CE		\$	\$	\$	\$	\$	\$
	Local	\$247,000.00	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CN	TA	\$389,209.00	\$	\$	\$	\$	\$
	Local	1,966,949.91	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
Totals:		\$2,898,158.91	\$	\$	\$	\$	\$

Section 5: Complete Streets Policy

A. Select one of the following:

- Compliant** - This project is subject to the Complete Streets Policy because it involves the new construction or reconstruction of local roadways that will use federal funds through the BMCMPPO for any phase of project implementation. *Additional Information items 1-8 (below) must be submitted for compliant projects.*
- Not Applicable** - This project is not subject to the Complete Streets Policy because it is a transit project, a non-roadway project, a resurfacing activity that does not alter the current/existing geometric designs of the roadway, or is a project that uses federal funds for which the BMCMPPO does NOT have programming authority. *No Additional Information items (below) have to be provided for projects to which the Complete Streets Policy does not apply.*
- Exempt** – The LPA is requesting that this project be exempted from the Complete Streets Policy due to certain circumstances or special constraints, as detailed in Section IV of the Complete Streets Policy. Please provide a detailed explanation of why the project should be exempted. *Additional Information items 1, 4-8 (below) must be submitted for Exempt projects.*

Justification for Exemption:

B. Additional Required Information:

Please attach to this application form or provide the following information below as required by the Complete Streets Policy to expedite processing of this project request. If any items are unknown at the time of application, the applicant may indicate that “specific information has not yet been determined.” Any required information not provided at the time of this application must be reported to the MPO as soon as it becomes available.

- 1) **Detailed Scope of Work** – Provide relevant details about the project that would be sufficient to use when seeking consulting services (detailed project description, vehicular elements, non-vehicular elements, new construction/reconstruction).

Please see attached sheet for detailed scope of the project.

- 2) **Performance Standards** – List specific performance standards for multimodal transportation, including, but not limited to transit, pedestrian, bicycle, and automobile users, ADA and Universal Design, environmental, utilities, land use, right of way, historic preservation, maintenance of services plan, and any other pertinent design component in relation to current conditions, during implementation/construction, and upon project completion.

All improvements will comply with:

- The Indiana Department of Transportation Design Manual, specifically Chapter 51-7.05 (Shared-Use Path).
- Indiana MUTCD
- PROWAG
- AASHTO Guide for the Development of Bicycle Facilities

- 3) **Measurable Outcomes** – Identify measurable outcomes the project is seeking to attain (e.g. safety, congestion and/or access management, level-of-service, capacity expansion, utility services, etc.).

The project seeks to attain the following outcomes:

- Reduce bike/ped versus motorized vehicle conflicts
- Increase use of outdoor recreational facilities
- Increase multi-modal commuting
- Improve ADA accessibility

- 4) **Project Timeline** – Identify anticipated timelines for consultant selection, public participation, design, right-of-way acquisition, construction period, and completion date.

- Consultant Selection: Completed 12/9/20
- Public Participation: Completed 3/23/22
- Design: 1/4/21 – 7/22/24
- Right-of-Way Acquisition: 3/23/22 – 7/22/24
- Project Letting: 11/15/23
- Construction: 1/1/24-10/15/24
- Project Completion: 11/15/24

- 5) **Key Milestones** – identify key milestones (approvals, permits, agreements, design status, etc.).

- Preliminary Field Check: 6/15/21 (Complete)
- Rule 5 Permit: December 2022
- Stage 3 Submittal: 3/10/23
- R/W Certification: 7/10/23
- Final Tracings Submittal: 7/10/23
- Letting: 11/15/23

- 6) **Project Cost** – Identify any anticipated cost limitations, additional funding sources, project timing, and other important cost considerations not included in the table above.

The anticipated cost for Right-of-Way is \$295,000.00. The projected cost for construction as of today is estimated at 1.9 million. Estimated Construction Inspection cost is \$238,000.00.

- 7) **Public Participation Process** – Describe the public participation process (types of outreach, number and type of meetings, etc.), and the benchmark goals for the project (participation rates, levels of outreach, levels of accountability and corresponding response methods to input received, etc.).

The project followed the federal-funding process for public involvement for a CE level 2. An opportunity for a public hearing was advertised in the local paper. Additionally, adjacent property owners were sent public hearing opportunity mailers. There were no requests for a public hearing, therefore a hearing was not held, and the public involvement requirements have been satisfied.

- 8) **Stakeholder List** – Identify the key parties/agencies/stakeholders/interest groups anticipated to be engaged during project development and their respective purpose for being on the list.

Monroe County Parks and Recreation Department, City of Bloomington Parks and Recreation Department, Monroe County Commissioners, Monroe County Council

Source: Bloomington-Monroe County Metropolitan Planning Organization, 01-06-23.