



CITIZENS ADVISORY COMMITTEE

June 23, 2021 Agenda

6:30 - 8:00 p.m.

Virtual Location via Zoom

Join Zoom Meeting

<https://bloomington.zoom.us/j/93525302535?pwd=OFpzaG1OaUlvVWw1QWtlNGY3TzYwdz09>

Find your local number: <https://bloomington.zoom.us/j/93525302535?pwd=OFpzaG1OaUlvVWw1QWtlNGY3TzYwdz09>

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.

*Suggested
Time:
~6:30 p.m.*

I. Call to Order and Introductions

II. Approval of Meeting Agenda*

III. Approval of Minutes*

a. May 26, 2021

IV. Communications from the Chair and Vice Chair

V. Reports from Officers and/or Committees

~7:00 p.m.

VI. Reports from the MPO Staff

a. INDOT Infrastructure Target Updates

VII. Old Business - None.

VIII. New Business

a. Draft BMCMPPO FY 2022 - 2026 Transportation Improvement Program*

(1) New LPA Projects Complete Streets Scoring

(2) Fiscally constrained/unconstrained funding request summary

(3) FY 2022 - 2026 TIP LPA and INDOT Projects

(4) FY 2022 - 2026 TIP Appendices

(5) Draft Submission Schedule, Legal Advertisements, Public Comment Period, Final Draft Review/Approval, and Final Submission Date.

~7:30 p.m.

IX. Communications from Committee Members (*non-agenda items*)

a. Topic Suggestions for Future Agendas

X. Upcoming Meetings

a. Policy Committee - July 9, 2021 at 1:30 p.m. (Virtual)

b. Technical Advisory Committee - August 25, 2021 at 10:00 a.m. (Virtual)

c. Citizens Advisory Committee - August 25, 2021 at 6:30 p.m. (Virtual)

~8:00 p.m.

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.



CITIZENS ADVISORY COMMITTEE

Meeting Minutes

May 26, 2021

6:30 - 8:00 p.m.

Virtual Location via Zoom

*Suggested
Time:
~6:30 p.m.*

Citizens Advisory Committee minutes reflect transcriptions in a summarized outline manner. Audio recordings of the meeting are available in the Planning & Transportation Department for reference.

Members present: Paul Ash, John Kennedy, Sarah Ryterband, David Walter, Mary Jane Hall

Guests: None.

Staff present: Pat Martin

~7:00 p.m.

- I. Call to Order and Introductions: 6:30pm
- II. Approval of Meeting Agenda* ****Mary Jane Hall moved for approval of the meeting agenda, David Walter seconded; motion passes by a unanimous roll call vote 5-0.****
- III. Approval of Minutes* ****David Walter motioned to approve the April 28, 2021 meeting minutes. Paul Ash seconded; motion passes by a unanimous roll call vote 5-0.****
- IV. Communications from the Chair and Vice Chair - Sarah Ryterband and David Walter had no reports.
- V. Reports from Officers and/or Committees - None.
- VI. Reports from the MPO Staff
 - a. FY 2021-2022 UPWP - Status Update. The staff reported on approval of the FY 2022 Unified Planning Work Program by the FHWA, FTA, and INDOT. INDOT issued a FY 2022 UPWP Contract subsequently signed by the Planning Department Director. A FY 2022 Purchase Order from INDOT is "in the mail." All work will begin on July 1, 2021 for the new Fiscal Year.
- VII. Old Business
 - a. None.
- VIII. New Business
 - a. Draft FY 2022 - 2026 Transportation Improvement Program*
 - (1) The staff referenced a meeting packet memorandum listing the LPA project applications, their purposed and need, project elements, and planning support and Complete Streets Prioritization scores completed by the staff.
 - (2) The staff presented the unconstrained funding request summary for FY 2022 through 2026, noting individual funding categories and fiscal year imbalances. Discussion ensued.
 - (3) The staff presented the FY 2022 - 2026 LPA and INDOT projects, Discussion ensued.

~7:30 p.m.

~8:00 p.m.

- (4) The staff noted the FY 2022 – 2026 TIP Appendices for meeting federal documentation requirements.
- (5) The staff reviewed the Draft submission schedule, impending legal advertisements, the Thirty-Day public comment period, the Final Draft Review/approval schedule by the TAC, CAC, and PC, and the final submission date in mid-September. Discussion ensued. ****Sarah Ryterband moved for recommending approval of a fiscally constrained FY 2022-2026 TIP to the Policy Committee given forthcoming balance recommendations by the Technical Advisory Committee working group scheduled to meet on June 4th. Paul Ash seconded; motion passes by a unanimous roll call vote.****

IX. Communications from Committee Members (*non-agenda items*)

- a. Pat Martin noted the upcoming MCCA Meeting at the Switchyard Park Pavilion and via Zoom on June 14th from 9:00 to 1:00 with a featured FHWA Civil Rights Division speaker followed by a discussion of local mobility needs/priorities for local residents with disabilities and the aged. Discussion ensued.

X. Upcoming Meetings

- a. Policy Committee - June 11, 2021 at 1:30 p.m. (Virtual)
- b. Technical Advisory Committee - June 23, 2021 at 10:00 a.m. (Virtual)
- c. Citizens Advisory Committee - June 23, 2021 at 6:30 p.m. (Virtual)

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.

INDOT Infrastructure Target Update

Todd Shields

May 27, 2021

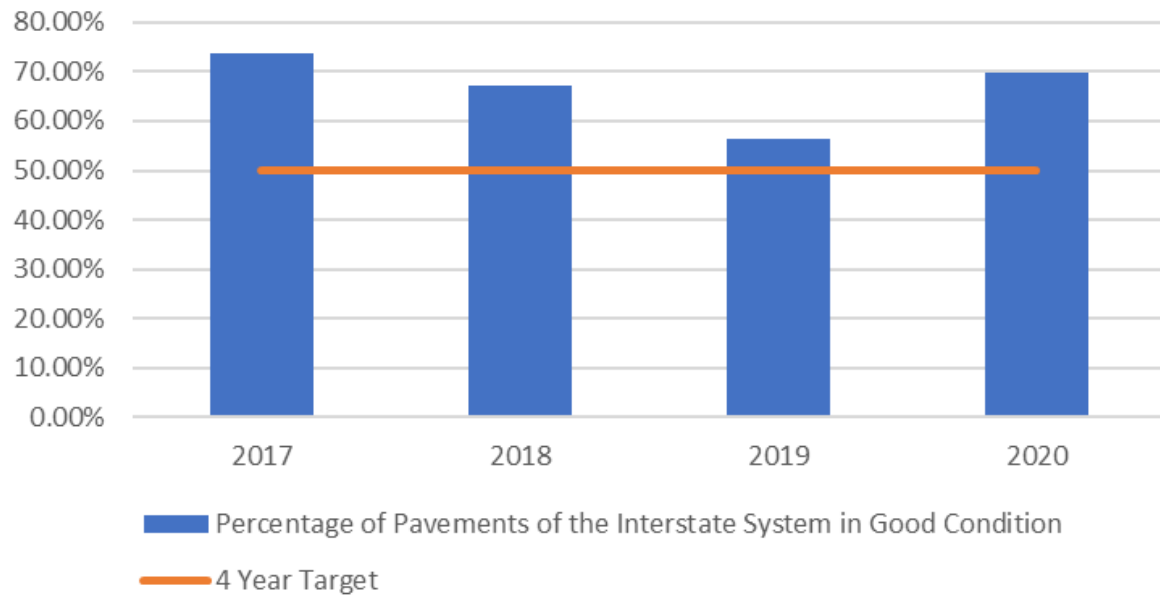
Summary - Pavement

Performance Measure - FHWA Report Card Values	2017	2018	2019	2020	4 Yr Target
Percentage of Pavements of the Interstate System in Good Condition	73.60%	67.30%	56.50%	69.90%	50%
Percentage of Pavements of the Interstate System in Poor Condition	0.40%	0.20%	0.50%	0.30%	0.8%
Percentage of Pavements of the Non-Interstate NHS in Good Condition	44.30%	43.90%	44.80%	54.30%	40%
Percentage of Pavements of the Non-Interstate NHS in Poor Condition	2.30%	1.90%	0.90%	0.70%	3.1%
*2017 and 2018 Interstate Numbers do NOT include Toll Road					
*2017 and 2018 Non Interstate Numbers do NOT include Local NHS					
*The 2018 FHWA conditions were using the "IRI Only/PSR" method					
*2020 based on preliminary report card 3/22/21					

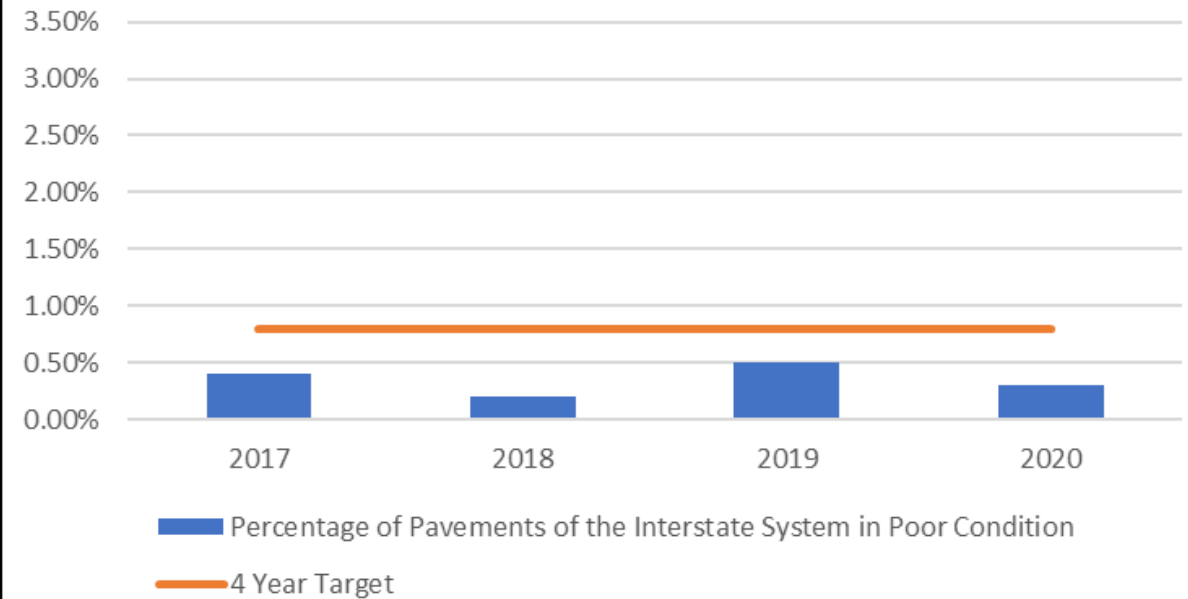
- Note that INDOT revised it's 4-year target last fall:
 - Interstate Good from 84.2% to 50%
 - Non-Interstate NHS from 78.7% to 40%

Pavement - Interstates

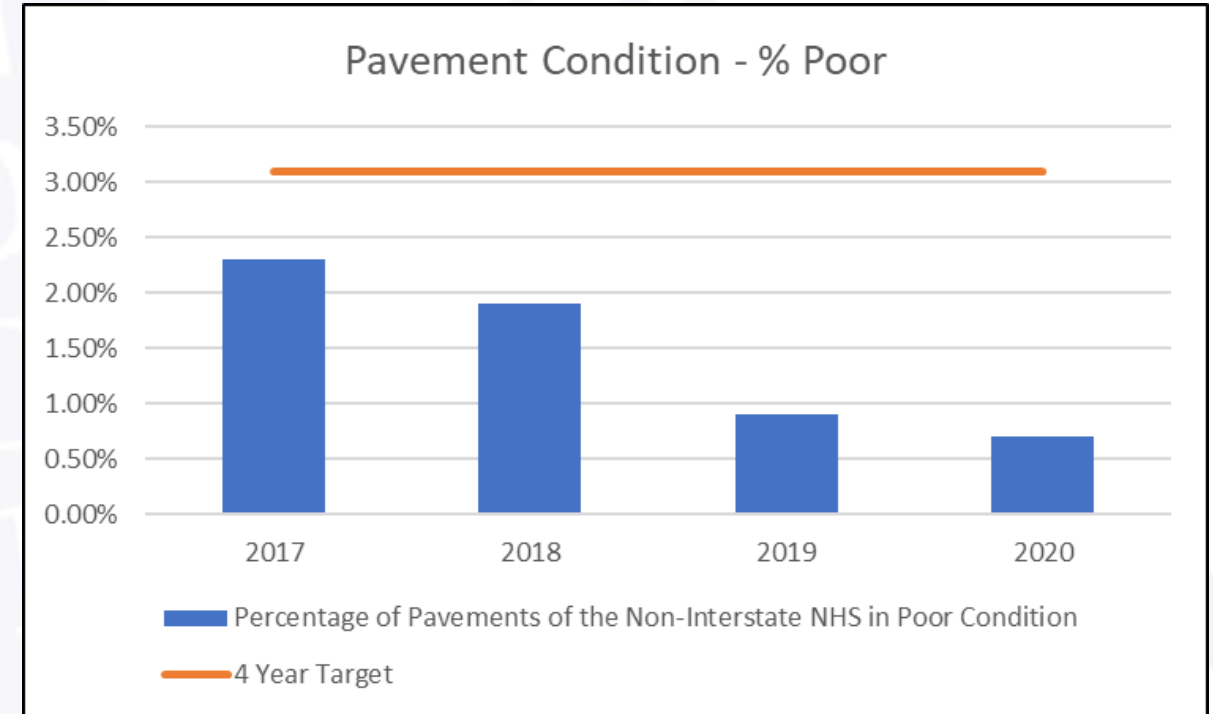
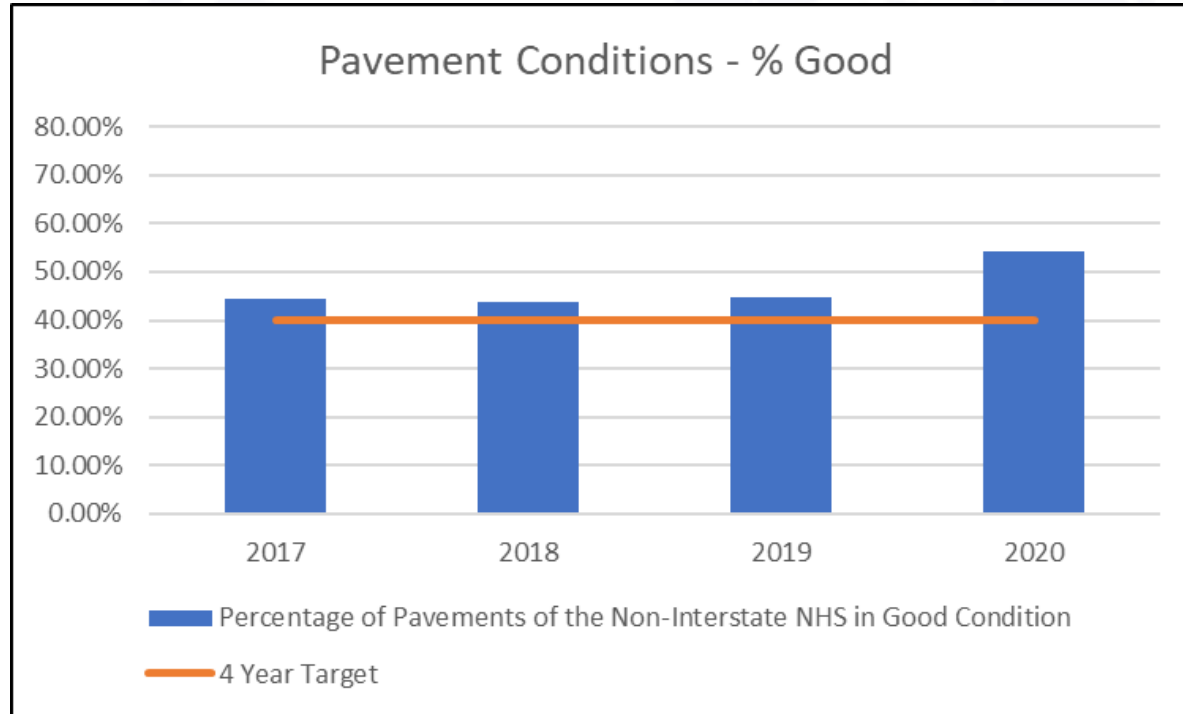
Pavement Condition - % Good



Pavement Conditions - % Poor

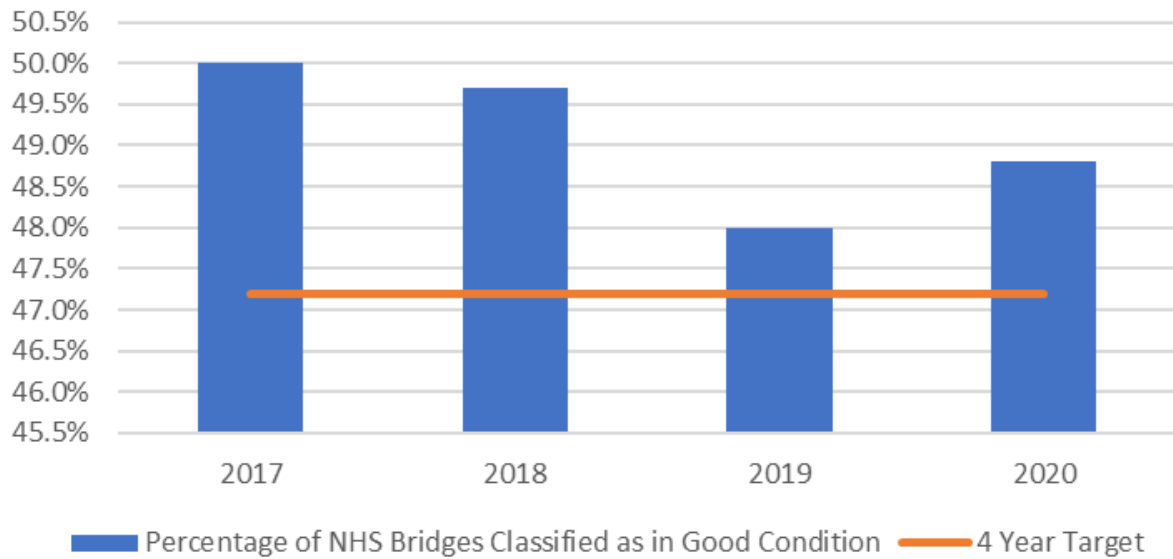


Pavements – Non Interstate NHS

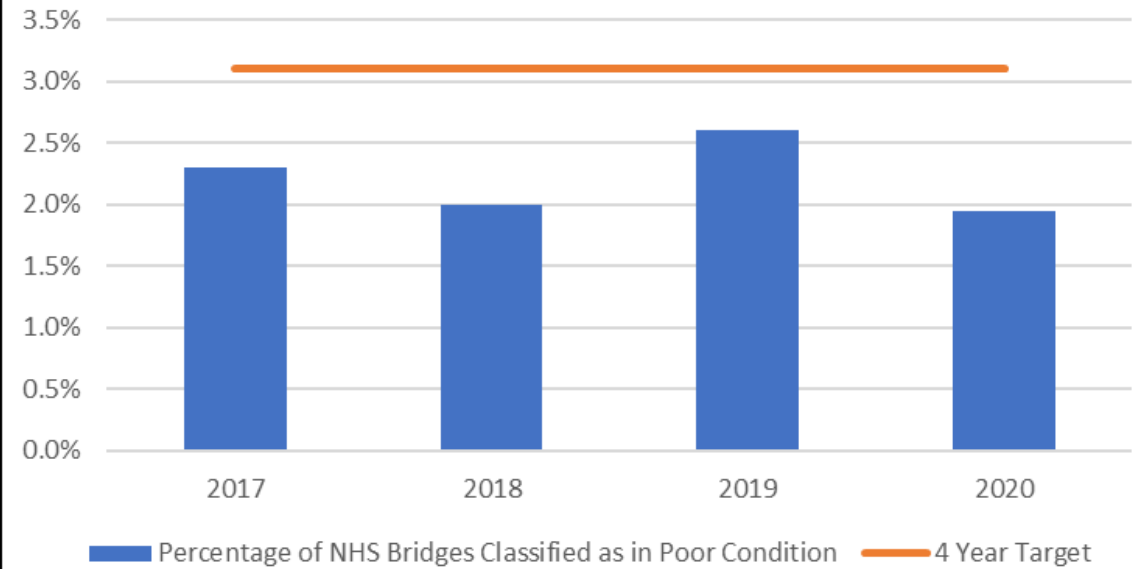


Bridges

Bridge Conditions - % Good



Bridge Conditions - % Poor



What's Next from the TPM Universe?

- INDOT is currently drafting a “new” TAMP
 - Current TAMP was good for 4 years
 - Due date for New TAMP is June 29, 2022
 - This is 4 years from FHWA certification of Initial TAMP
- INDOT is currently drafting its 3rd TAMP consistency review
 - Due end of June 2021
- Next round of Performance Reporting (PMF) is October 2022
 - For Data Year 2021
 - This is the final year of the initial 4 year reporting period
 - INDOT will establish new 2 and 4 year targets for next performance period

Questions???



Todd Shields

Indiana Department of Transportation

tshields@indot.in.gov





To: BMCMPPO Technical Advisory Committee & Citizens Advisory Committee

From: Pat Martin, Ryan Clemens, Beth Rosenbarger

Date: June 17, 2021

Re: Resolution 22-01 - Electronic Meetings Policy Memorandum

BMCMPPO Policy Committee Resolution 22-01 shall establish Electronic Meeting Requirements set forth by the Indiana General Assembly's adoption of House Enrolled Act (HEA) HEA 1437 in the 2021 Regular Session. This legislative action amended Indiana Code (IC) 5-14-1.5-1 et seq. (Act) by amending IC 5-14-1.5-3.5 to prescribe new requirements by which members of an appropriate governing body of a public agency of a political subdivision may participate in a meeting by an electronic means of communication (<https://www.in.gov/dhs/files/HEA-1437-2021-Electronic-Meetings-and-Signatures.pdf>).

When adopted by the Bloomington-Monroe County Metropolitan Planning Organization (BMCMPPO) Policy Committee, Resolution 22-01 establishes the BMCMPPO Committee Rules and Procedures as an **Electronic Meetings Policy** ("Policy") applicable to all Policy Committee (PC), the Technical Advisory Committee (TAC), and the Citizens' Advisory Committee (CAC) in accordance with referenced Indiana Code citations.

Resolution 22-01 and the policy it contains are consistent with policies adopted by the Bloomington Common Council and other Bloomington boards and commissions. The BMCMPPO Committees conducted their meetings using electronic communication during the state-declared public health emergency which currently extends to June 30, 2021 under multiple executive orders issued by the Governor. HEA 1437 signed into law on April 20, 2021, creates a statutory framework to allow for a different form of electronic meeting participation. The law provides rules that apply when under a declared public health emergency, as well as rules that will apply during nonemergency times.

The BMCMPPO Committees shall conduct their respective meetings remotely and all members may attend via electronic means when under a declared public health emergency. Such meetings must allow for the public to simultaneously attend and observe the meeting. When not under a declared emergency, HEA 1437 stipulates minimum Committee meeting requirements reflected in Resolution 22-01. Respective committees procedures may be more restrictive than the procedures established by HEA 1437, but they may not be less restrictive. Specific limitations include:

- (1) Limiting the number of members who may participate by electronic communication in any one (1) meeting so that at least a quorum of members must be present at an in-person meeting;
- (2) Limiting the total number of meetings in a calendar year by which a member of the Committee may participate electronically, and

- (3) Requiring a member, except for certain emergency meetings, who plans to attend a meeting by any electronic means of communication to notify the presiding officer and staff at least three (3) days ahead of the meeting, so that arrangements may be made for the member's participation by electronic communication and so that notices may be appropriately modified.

Resolution 22-01 addresses the participation by members of the public in Committee meetings. Although not required by state statutes, these provisions reflect how the BMCMPPO has operated since the beginning of the public health emergency initially declared in March 2020. The Policy Committee may amend the Electronic Meeting Policy as needed after adoption given the June 30, 2021 expiration of the current declared public health emergency.

PPM/pm

ADOPTION RESOLUTION FY 2022-01

A RESOLUTION ESTABLISHING THE POLICY BY WHICH MEMBERS OF THE TECHNICAL ADVISORY COMMITTEE, CITIZENS' ADVISORY COMMITTEE, AND POLICY COMMITTEE OF THE BMCMPPO, ASSOCIATED STAFF, AND MEMBERS OF THE PUBLIC MAY PARTICIPATE IN MEETINGS BY ELECTRONIC MEANS OF COMMUNICATION as presented to the Policy Committee of the Bloomington/Monroe County Metropolitan Planning Organization on April 9, 2021.

WHEREAS, the Indiana General Assembly adopted HEA 1437 in the 2021 Regular Session, which amended Indiana Code (IC) 5-14-1.5-1 et seq. (Act) by amending IC 5-14-1.5-3.5 to prescribe new requirements by which members of the governing body of a public agency of a political subdivision may participate in a meeting by an electronic means of communication; and

WHEREAS, a member of the governing body may participate by any means of communication that: allows all participating members of the governing body to simultaneously communicate with each other; and except for a meeting that is an executive session, allows the public to simultaneously attend and observe the meeting; and

WHEREAS, the Act requires the governing body to adopt a written policy establishing the procedures that apply to a member's participation in a meeting by an electronic means of communication and allows the governing body to adopt procedures that are more restrictive than the procedures established by IC 5-14-1.5-3.5; and

WHEREAS, the Committees of the Bloomington-Monroe County Metropolitan Planning Organization are governing bodies of the BMCMPPO and wish to adopt such a policy;

NOW, THEREFORE, BE IT RESOLVED:

1. **Section I.** The Bloomington-Monroe County Metropolitan Planning Organization's Rules and Procedures are modified in accordance with Indiana Code sections 5-14-1.5-1 and 5-14-1.5-3.5, et seq., BMCMPPO Committee meetings may be conducted electronically.
2. **Section II.** The BMCMPPO Policy Committee hereby adopt the following **Electronic Meeting Policy** on the participation of a member of the Committees, city staff, and members of the public in a meeting of the Policy Committee, Technical Advisory Committee, and Citizens' Advisory Committee by an electronic means of communication:

The provisions of the Act, including definitions, apply to this resolution. This resolution shall be known as the "Electronic Meetings Policy" and applies to the BMCMPPO and any of its committees, including the Policy Committee, the Technical Advisory Committee, and the Citizens' Advisory Committee.

Subject to Sections III and V, any member may participate in a meeting by any electronic means of communication that simultaneously communicate with each other and other than a meeting that is an executive session, allows and the public to simultaneously attend and observe the meeting.

A member who participates by an electronic means of communication shall be considered present for purposes of establishing a quorum and may participate in final action only if the member can be seen and heard. All votes taken during a meeting at which at least one (1) member participates by an electronic means of communication must be taken by roll call vote.

3. **Section III.** At least fifty percent (50%) of the members must be physically present at a meeting at which a member will participate by means of electronic communication.

Not more than fifty percent (50%) of the members may participate by an electronic means of communication at that same meeting.

A member may not attend more than a fifty percent (50%) of the meetings in a calendar year by an electronic means of communication unless the member's electronic participation is due to military service, illness or other medical condition, death of a relative, or an emergency involving actual or threatened injury to persons or property.

A member may attend two (2) consecutive meetings (a set of meetings) by electronic communication. A member must attend in person at least one (1) meeting between sets of meetings that the member attends by electronic communication, unless the member's absence is due to military service, illness or other medical condition, death of a relative; or an emergency involving actual or threatened injury to persons or property.

A member who plans to attend a meeting by any electronic means of communication shall notify the presiding officer and relevant staff within three (3) days before the meeting so that arrangements may be made for the member's participation by electronic communication and so that notices may be prepared

4. **Section IV.** The memoranda and any minutes prepared for a meeting at which any member participates by electronic means of communication must (1) identify each member who was physically present at the meeting, (2) participated in the meeting by electronic means of communication, (3) was absent; (4) identify the electronic means of communication by which members participated in the meeting; (5) members participated in the meeting; and (6) members of the public attended and observed the meeting, if the meeting was not an executive session.
5. **Section V.** In the event the governor declares a disaster emergency under IC 10-14-3-12 or the executive (as defined in IC 36-1-2-5) of a political subdivision declares a local disaster emergency under IC 10-14-3-29, the BMCMPPO Committees may meet by any means of electronic communication if the following requirements of IC 5-14-1.5-3.7 are satisfied:
 - At least a quorum of the members of the Committee participate in the meeting by means of electronic communication or in person.
 - The public is able to simultaneously attend and observe the meeting; however, this subdivision does not apply to a meeting held in executive session.
 - The memoranda and any minutes prepared for a meeting held under this section must state the name of each member of the Committee who participated in the meeting by using electronic means of communications, was absent, and identify the electronic means of communication by which members of the Committee participated in the meeting members of the public attended and observed the meeting if the meeting was not an executive session, and all votes taken during a meeting under this section must be taken by a roll call vote.
6. **Section VI.** At any meeting of the Committees where any member participates by an electronic means of communication, members of the public shall be able to attend and observe the meeting via electronic means. Subject to the Committees' rules for making public comment, members of the public may also participate in the meeting via electronic means.
7. **Section VII.** At any meeting of the Committees where any member participates by an electronic means of communication, staff members may also participate in the meeting via electronic means, provided there is no actual need for a staff member to be physically present at a particular meeting. Such need shall be determined in the sole discretion of the presiding officer.

8. **Section VIII.** If any section, sentence, or provision of this resolution, or the application thereof to any person or circumstances shall be declared invalid, such invalidity shall not affect any of the other sections, sentences, provisions, or applications of this resolution which can be given effect without the invalid provision or application, and to this end the provisions of this resolution are declared to be severable.
9. **Section IX.** This resolution shall be in full force and effect from and after its passage by the BCMCMPO Policy Committee.

PASSED AND ADOPTED by the BCMCMPO Policy Committee upon this 9th day of July 2021.

Lisa J. Ridge
BCMCMPO Policy Committee Chair

Attest: Patrick Martin
BCMCMPO Senior Transportation Planner



March 15, 2021

Call for Projects

Fiscal Years 2022 - 2026 Transportation Improvement Program

The Bloomington-Monroe County Metropolitan Planning Organization (BMCMPPO) hereby announces a FY 2022 - 2026 Transportation Improvement Program (TIP) Call for Projects. BMCMPPO funding from the Surface Transportation Block Grant Program (STBG), the Highway Safety Improvement Program (HSIP), the Transportation Alternatives Program (TA), and Section 164 Penalty funds will include programming awards for TIP program fiscal years. Local Public Agency (LPA) applicants for funding from these programs must have application submissions to the BMCMPPO by **5:00 PM on Friday, April 30, 2021**. Please contact BMCMPPO staff if you have any questions about this Call for Projects. Please submit questions and applications electronically to clemensr@bloomington.in.gov and martipa@bloomington.in.gov.

The FY 2022 - 2026 TIP has the following development and approval schedule:

Call for Projects Issued:	March 15, 2021
Application Deadline:	April 30, 2021
Policy Committee Project Score Sheet Information:	May 14, 2021
TAC/CAC Project Score Sheet Review & Draft TIP:	May 26, 2021
Policy Committee Approval of Draft TIP Submission:	June 11, 2021
Legal Advertisements	June 12-13, 2021
Thirty-Day Public Comment Period Begins	June 14, 2021
Draft TIP Submission to INDOT:	June 14, 2021
Draft TIP Public Input Meeting (week of):	June 14, 2021
Thirty-Day Public comment Period Ends	July 13, 2021
TAC/CAC Review of Final Draft FY 2022 - 2026 TIP:	August 25, 2021
PC Approval of Final FY 2022 - 2026 TIP:	September 10, 2021
Final Submission of FY 2022 - 2026 TIP to INDOT:	September 10, 2021

Funding

The chart below details the funding available for the FY 2022 - 2026 TIP. Please note the following restrictions on the programming of funds:

- **No Rollover:** The annual allocation of funds for each fiscal year must be spent within that specific fiscal year and may not roll forward to a future fiscal year. Any funds not spent from the fiscal year allocation will be lost. It is therefore very important to be as accurate and realistic as possible about project costs and schedules.

- **Fiscal Years 2022 - 2024:** These three fiscal years are currently programmed in the adopted FY 2020 - 2024 TIP. This document is available on the BMCMPPO website for reference at <https://bloomington.in.gov/mpo/transportation-improvement-program>. This FY 2022 - 2026 Call for Projects is an opportunity for Local Public Agencies (LPAs) to make adjustments to those years if needed.

Bloomington-Monroe Couty Metropolitan Planning Organization (BMCMPPO)
FY 2022 - 2026 TIP Program Levels*

Program	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
STPB	\$ 2,992,243	\$ 2,992,243	\$ 2,992,243	\$ 2,992,243	\$ 2,992,243
HSIP	\$ 430,795	\$ 430,795	\$ 430,795	\$ 430,795	\$ 430,795
TA	\$ 169,513	\$ 169,513	\$ 169,513	\$ 169,513	\$ 169,513
SEC. 164 PENALTY**	\$ 110,460	\$ 110,460	\$ 110,460	\$ 110,460	\$ 110,460
CARES 2021***	\$ 340,051	N.A.	N.A.	N.A.	N.A.
TOTAL	\$ 4,043,062	\$ 3,703,011	\$ 3,703,011	\$ 3,703,011	\$ 3,703,011

*Source: INDOT-BMCMPPO Local Share of Federal Formula Apportionments, 01-26-21.

**HSIP applicable projects.

***Coronavirus Response and Relief Supplemental Appropriations Act, 2021 funding allocated to the BMCMPPO by INDOT based on 2010 Census population that must have expenditure by September 20, 2024. These funds may supplement current projects or can have application toward new projects, including preventative maintenance for LPAs with an INDOT-Approved Asset Management Plan.

Additional Guidance

The following information is provided as guidance for the preparation of FY 2022 - 2026 TIP project applications.

- **Letting Date:** *All projects must identify an assigned Letting Date for inclusion in the TIP* thereby allowing INDOT to build a project schedules when project are added to their management database. FHWA additionally tracks the percentage of projects that go to letting at their original proposed letting date as a measure of MPO performance. No project should have an assigned contract letting date later than March of any fiscal year. LPAs should select letting dates earlier than March if at all possible thereby ensuring enough post-letting time for INDOT to award bids, process financial approvals, and issue purchase orders for project funds before fiscal year closure.
- **DES#:** *All projects must have an assigned a DES# from INDOT for inclusion in the TIP.* INDOT has a special form for requesting a DES#. If an LPA wishes to include a new project in the TIP, please contact MPO staff for a copy of the DES# application. Staff will assist in filling the form and will then submit the form to INDOT on behalf of the LPA. INDOT will not amend any project into the State TIP (STIP) without an assigned DES#. Moreover, any projects that propose to use HSIP and TA funding must have their eligibility for such funds approved by INDOT before a project DES# issuance.

- **Construction Engineering:** The TIP Project Request Form lists Construction Engineering (CE) as a separate phase from Construction (CN). This will make funding administration easier for the MPO and INDOT as projects move through the process. Please prepare your project financial plans accordingly.
- **HSIP Project Priorities:** FHWA and INDOT require MPOs to prioritize low-cost, systemic HSIP projects for funding. There are currently twenty-five (25) project types listed by INDOT as eligible for HSIP funds under the low-cost, systemic categories.
- **Public Meeting:** The MPO anticipates hosting a virtual public meeting to gather input on the proposed FY 2022 - 2026 TIP. This meeting shall take place in June 2021. The MPO expects that LPA staff should participate in this meeting for discussions of their proposed projects. MPO staff will coordinate with the LPAs to determine the best date, time, and electronic platform for this virtual meeting. The MPO will not conduct in-person meetings given current CDC COVID-19 public health and safety guidelines.

Application Requirements

LPAs must submit the following (as applicable) for project funding consideration in the FY 2022 - 2026 TIP. All applications must have appropriate signatures and dates.

- **TIP Project Request Form:** All LPAs must this form all projects regardless of funding source. This includes any project that is in the current FY 2020 - 2024 TIP and that needs to carry forward into the new FY 2022 - 2026 TIP. This is an opportunity to update schedule and funding information for existing projects as well as to make sure they comply with the Construction Engineering (CE) phase requirements as noted above.
- **TA (Transportation Alternatives) Application:** Any project requesting TA funds must submit a TA Application in addition to the TIP Project Request Form. Please see the BMCMPPO TA Guidelines for more information about supporting documentation that must accompany the TA Application.
- **HSIP Low Cost/Systemic Project Application (INDOT):** The purpose of local HSIP project funding is to deliver to road user's cost-effective countermeasures to hazards identified through data analysis as the greatest contributors to incapacitating injury or fatality producing crashes. Any project requesting HSIP funds for a low cost/systemic project must submit and INDOT HSIP Low Cost/Systemic Project Application in addition to the TIP Project Request Form. Eligible HSIP Systemic Projects include the following:
 - Conduct inventory of traffic signs and upgrade warning and regulatory signs to meet MUTCD retroreflectivity requirements
 - Improve the visibility of curves by upgrading curve warning signs and markings
 - Install vehicle activated advanced warning systems at rural, unsignalized intersections

- Install new pedestrian crosswalk warning signs, flashing beacons, or special pavement markings
 - Install or upgrade pedestrian curb ramps and refuge areas at areas of high conflict between pedestrians and vehicular traffic
 - Install pedestrian push button Countdown And Audible (APS) heads on traffic signals
 - Make changes to yellow interval traffic signal timing or signal interconnect to improve safety
 - Upgrade traffic signals to a minimum of one signal head per travel lane
 - Install black backing plates with reflective border on all traffic signal heads
 - Install UPS battery backup (emergency power) systems at traffic signal locations for continuous use during power outages
 - Install emergency vehicle pre-emption systems at traffic signal locations to reduce response times and increase safety as the emergency vehicles pass through intersections
 - Improve sight distance at intersections by installing slotted left turn lanes
 - Install or upgrade passive or new active warning devices at railroad crossings
 - Install railroad pre-emption systems at signalized intersections that are within the influence area of crossing railroad trains
 - Install new centerline or edge line pavement markings on unmarked roadways
 - Install raised medians for access control at intersections and roadway segments
 - Add centerline and/or edge line rumble stripes (pavement markings over the rumble) to rural roads
 - Complete road diet projects at locations that can be accomplished through the use of signs and pavement markings (Not Applicable to pavement reconstruction or geometric modifications)
 - Add FHWA recommended High Friction Surface Treatments (HFST) to spot locations
 - Upgrade guardrail end treatments to current standards
 - Install guardrails or median barriers at locations where none existed previously
 - Install median cable barrier systems on divided roads with grass medians
 - Remove or shield permanent roadside safety obstructions
- **HSIP Intersection Improvement:** Please see the Indiana Department of Transportation (INDOT) HSIP Guidelines for more information about the supporting documentation required in addition to the TIP Project Request Form.

Application Scoring

The MPO staff shall score new project applications consistent with the adopted *Complete Streets Policy* and report score results through Policy Committee, Technical Advisory Committee, and Citizens Advisory Committee meetings.



FY 2022 - 2026 Transportation Improvement Program

Project Request Form

(Please return form fully completed by April 30, 2021)

Mail: Bloomington - Monroe County MPO
401 N Morton Street, Suite 130
Bloomington, Indiana 47402
Email: clemensr@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): Lisa Ridge
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 BMCMPPO Complete Streets Policy.

Lisa Ridge
Employee in Responsible Charge (ERC)

4-29-2021
Date

Section 3: Project Information

- A. Project Name: Bicentennial Pathway
- B. Is project already in the TIP?
☒ Yes ☐ No
- C. DES # (if assigned): # 0902215
- D. Project Location (detailed description of project termini): Roadway and drainage improvements from Audubon Drive to Fire Station Hill for alternative transportation safety enhancements.

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

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: 10/14/2021

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 2022 begins on July 1, 2021 and ends on June 30, 2022.

Phase	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Outlying Years
PE		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
RW		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CE	TAP (TE)	\$231,200.00	\$	\$	\$	\$	\$
	Local	\$57,800.00	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CN	TAP (TE)	\$1,539,200.00	\$	\$	\$	\$	\$
	Local	\$384,800.00	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
Totals:		\$2,213,000.00	\$	\$	\$	\$	\$

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 Information:

Attach to this application form the following information as required by the Complete Streets Policy. 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.



FY 2022 - 2026 Transportation Improvement Program

Project Request Form

(Please return form fully completed by April 30, 2021)

Mail: Bloomington - Monroe County MPO
401 N Morton Street, Suite 130
Bloomington, Indiana 47402
Email: clemensr@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): Lisa Ridge
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 BMCMPPO Complete Streets Policy.

Lisa Ridge
Employee in Responsible Charge (ERC)

4-29-2021
Date

Section 3: Project Information

- A. Project Name: Illinois Central Trail
- B. Is project already in the TIP?
☒ Yes ☐ No
- C. DES # (if assigned): #1592323
- D. Project Location (detailed description of project termini): The new trail will begin at Church Lane and extend south to the INDOT I69 mitigation site at Victor Pike.

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

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

G. Allied Projects: Fullerton Pike, Phase I and Phase II

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: TBD

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 2022 begins on July 1, 2021 and ends on June 30, 2022.

Phase	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Outlying Years
PE	RTP	\$	\$ 34,850.00	\$	\$	\$	\$
	Local	\$	\$8,713.00	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
RW		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CE		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CN		\$	\$	\$	\$	\$	\$
	RTP	\$	\$ 100,000.00	\$	\$	\$	\$
	Local	\$	\$25,000.00	\$	\$	\$	\$
Totals:		\$	\$168,563.00	\$	\$	\$	\$

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 Information:

Attach to this application form the following information as required by the Complete Streets Policy. 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.



FY 2022 - 2026 Transportation Improvement Program Project Request Form

(Please return form fully completed by April 30, 2021)

Mail: Bloomington - Monroe County MPO
401 N Morton Street, Suite 130
Bloomington, Indiana 47402

Email: clemensr@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): Lisa Ridge
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 BMCMPPO Complete Streets Policy.

Lisa Ridge
Employee in Responsible Charge (ERC)

4-20-2021
Date

Section 3: Project Information

- A. Project Name: Curry Pike/Woodyard Road/Smith Pike Roundabouts
- B. Is project already in the TIP?
☒ Yes ☐ No
- C. DES # (if assigned): #1700733
- D. Project Location (detailed description of project termini): Intersection improvement including a new roundabout at the intersections of Curry Pike Woodyard Road and Smith Pike located approximately 0.65 miles west of SR 46.

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

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: 4/7/2021

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 2022 begins on July 1, 2021 and ends on June 30, 2022.

Phase	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Outlying Years
PE		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
RW		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CE	Local	\$50,000.00	\$248,400.00	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CN	Local	\$102,965.80	\$200,000.00	\$	\$	\$	\$
	Group II	\$1,901,926.20	\$	\$	\$	\$	\$
	STPB	\$511,782.00	\$	\$	\$	\$	\$
Totals:		\$2,566,674.00	\$448,400.00	\$	\$	\$	\$

Section 5: Complete Streets Policy

A. Select one of the following:

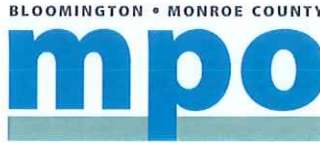
- ☐ **Compliant** - This project is subject to the Complete Streets Policy because it involves the new construction or reconstruction of local roadways that will use federal funds through the BMCMPPO for any phase of project implementation. *Additional Information items 1-8 (below) must be submitted 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 Information:

Attach to this application form the following information as required by the Complete Streets Policy. 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.



FY 2022 - 2026 Transportation Improvement Program Project Request Form

(Please return form fully completed by April 30, 2021)

Mail: Bloomington - Monroe County MPO
401 N Morton Street, Suite 130
Bloomington, Indiana 47402
Email: clemensr@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): Lisa Ridge
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 BMCMPPO Complete Streets Policy.

Lisa Ridge
Employee in Responsible Charge (ERC)

4/29/2021
Date

Section 3: Project Information

- A. Project Name: Vernal Pike Connector Road
- B. Is project already in the TIP?
☒ Yes ☐ No
- C. DES # (if assigned): #1702957, #1900406, #1902093
- D. Project Location (detailed description of project termini): The new road and bridge construction will connect the new Profile Parkway extension, to Sunrise Greetings Court and Vernal Pike.

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

F. Project Support (local plans, LRTP, TDP, etc.): Monroe County Master Thoroughfare Plan

G. Allied Projects: Profile Parkway Extension

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: 11/16/2022

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 2022 begins on July 1, 2021 and ends on June 30, 2022.

Phase	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Outlying Years
PE		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
RW	Local	\$2,000,000.00	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CE	Group III		\$888,000.00	\$	\$	\$	\$
	Local Match	\$	\$813,844.00	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CN	Group III	\$	\$5,920,000.00	\$	\$	\$	\$
	Local Match	\$	\$5,425,630.00	\$	\$	\$	\$
				\$	\$	\$	\$
Totals:		\$2,000,000.00	\$13,047,474.00	\$	\$	\$	\$

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 Information:

Attach to this application form the following information as required by the Complete Streets Policy. 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.



FY 2022 - 2026 Transportation Improvement Program Project Request Form

(Please return form fully completed by April 30, 2021)

Mail: Bloomington - Monroe County MPO
401 N Morton Street, Suite 130
Bloomington, Indiana 47402

Email: clemensr@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): Lisa Ridge
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 BMCMPPO Complete Streets Policy.

Lisa Ridge
Employee in Responsible Charge (ERC)

4-29-2021
Date

Section 3: Project Information

- A. Project Name: Fullerton Pike/Gordon Pike/Rhorer Road, Phase III
- B. Is project already in the TIP?
☒ Yes ☐ No
- C. DES # (if assigned): #1802977 & #2001721
- D. Project Location (detailed description of project termini): 500' west of Rogers Street to Rockport Road intersection. This is for the roadway extension and the new bridge.

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

F. Project Support (local plans, LRTP, TDP, etc.): Monroe County Comprehensive Plan, Monroe County Urbanizing Area Plan, Monroe County SR 37 Corridor Plan, Monroe County Thoroughfare Plan, 2040 Metropolitan Transportation Plan of the BMCMPPO

G. Allied Projects: Fullerton Pike, Phase I and II have been completed.

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: July 12, 2023

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 2022 begins on July 1, 2021 and ends on June 30, 2022.

Phase	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Outlying Years
PE	Local	\$ 377,000.00	\$100,000.00	\$10,000.00	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
RW	STPB	\$421,934.00	\$	\$	\$	\$	\$
	Local Match	\$ 278,066.00	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CE	Local	\$	\$	\$1,500,00.00	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CN	STPB	\$	\$	\$2,750,133.00	\$	\$	\$
	Local Match	\$	\$	\$12,125,485.00	\$	\$	\$
		\$	\$		\$	\$	\$
Totals:		\$ 1,077,000.00	\$ 100,000.00	\$ 16,385,618	\$	\$	\$

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 Information:

Attach to this application form the following information as required by the Complete Streets Policy. 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.



FY 2022 - 2026 Transportation Improvement Program Project Request Form

(Please return form fully completed by April 30, 2021)

Mail: Bloomington - Monroe County MPO
401 N Morton Street, Suite 130
Bloomington, Indiana 47402
Email: clemensr@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): Lisa Ridge
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 BMCMPPO Complete Streets Policy.

Lisa Ridge
Employee in Responsible Charge (ERC)

4-29-2021
Date

Section 3: Project Information

- A. Project Name: Karst Farm Greenway-Connector Trail
- B. Is project already in the TIP?
☒ Yes ☐ No
- C. DES # (if assigned): #1900405
- D. Project Location (detailed description of project termini): The connection will begin at SR 45 and Liberty Drive, travel north to Liberty Drive, cross Curry Pike, turn west on Sierra Drive and connect with the existing Karst Trail at Gifford Road.

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

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: Fall 2023

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 2022 begins on July 1, 2021 and ends on June 30, 2022.

Phase	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Outlying Years
PE	Local	\$213,400.00	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
RW	Local		\$270,000.00	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CE	Local	\$	\$	\$ 114,000.00	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CN	TAP	\$	\$	\$155,801.00	\$	\$	\$
	Local	\$	\$	\$ 758,199.00	\$	\$	\$
		\$	\$	\$	\$	\$	\$
Totals:		\$	\$ 270,000.00	\$ 1,028,000.00	\$	\$	\$

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.*

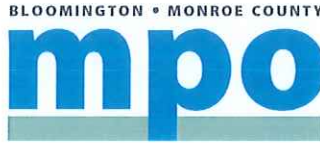
Justification for Exemption: _____

B. Additional Information:

Attach to this application form the following information as required by the Complete Streets Policy. 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.



FY 2022 - 2026 Transportation Improvement Program

Project Request Form

(Please return form fully completed by April 30, 2021)

Mail: Bloomington - Monroe County MPO
401 N Morton Street, Suite 130
Bloomington, Indiana 47402

Email: clemensr@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): Lisa Ridge
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 BMCMPPO Complete Streets Policy.

Lisa Ridge
Employee in Responsible Charge (ERC)

4-29-2021
Date

Section 3: Project Information

A. Project Name: Pedestrian Trail Crossing Improvements

B. Is project already in the TIP?
☒ Yes ☐ No

C. DES # (if assigned): #1900406

D. Project Location (detailed description of project termini): This project was originally set up to replace 25 inlets in a subdivision for bicycle safety. We replaced the inlets in-house with a paving project. We would like to change this project to install Pedestrian Flashing Beacons at various locations in the county to improve the safety of pedestrians/bicyclists crossing county roads at trail locations.

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

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: 10/12/2023

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 2022 begins on July 1, 2021 and ends on June 30, 2022.

Phase	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Outlying Years
PE	Local Match	\$20,000.00		\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
RW		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CE		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CN	HSIP	\$	\$	\$ 88,184.00	\$	\$	\$
	Local Match	\$	\$	\$ 9,800.00	\$	\$	\$
		\$	\$	\$	\$	\$	\$
Totals:		\$ 20,000.00		\$ 97,984.00	\$	\$	\$

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.*

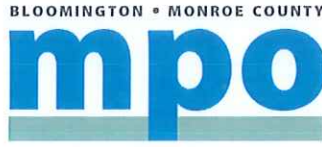
Justification for Exemption: _____

B. Additional Information:

Attach to this application form the following information as required by the Complete Streets Policy. 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.



FY 2022 - 2026 Transportation Improvement Program

Project Request Form

(Please return form fully completed by April 30, 2021)

Mail: Bloomington - Monroe County MPO
401 N Morton Street, Suite 130
Bloomington, Indiana 47402
Email: clemensr@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): Lisa Ridge
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 BMCMPPO Complete Streets Policy.

Lisa Ridge
Employee in Responsible Charge (ERC)

4-29-2021
Date

Section 3: Project Information

- A. Project Name: Rockport Road, Bridge #308
- B. Is project already in the TIP?
☒ Yes ☐ No
- C. DES # (if assigned): #1902772
- D. Project Location (detailed description of project termini): Bridge replacement for #308 on Rockport Road, just south of Bolin Lane.
- 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

F. Project Support (local plans, LRTP, TDP, etc.): Monroe County 5-year bridge replacement plan.

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: 12/11/2024

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 2022 begins on July 1, 2021 and ends on June 30, 2022.

Phase	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Outlying Years
PE	Local Bridge	\$ 256,560.00	\$	\$	\$	\$	\$
	Local Match	\$64,140.00	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
RW	Local Bridge	\$	\$	\$120,000.00	\$	\$	\$
	Local Match	\$	\$	\$30,000.00	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CE	Local Bridge	\$	\$	\$	\$336,000.00	\$	\$
	Local Match	\$	\$	\$	\$84,000.00	\$	\$
		\$	\$	\$	\$	\$	\$
CN	Local Bridge	\$	\$	\$	\$1,324,800.00	\$	\$
	Local Match	\$	\$	\$	\$331,200.00	\$	\$
		\$	\$	\$	\$	\$	\$
Totals:		\$ 320,700.00	\$	\$ 150,000.00	\$2,076,000.00	\$	\$

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 Information:

Attach to this application form the following information as required by the Complete Streets Policy. 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.



FY 2022 - 2026 Transportation Improvement Program

Project Request Form

(Please return form fully completed by April 30, 2021)

Mail: Bloomington - Monroe County MPO

401 N Morton Street, Suite 130

Bloomington, Indiana 47402

Email: clemensr@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):

Lisa Ridge

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 BMCMPPO Complete Streets Policy.

Lisa Ridge

Employee in Responsible Charge (ERC)

4-29-2021

Date

Section 3: Project Information

A. Project Name: 2022-2026 Bridge Safety Inspection & Inventory

B. Is project already in the TIP?



Yes



No

C. DES # (if assigned): 2100084

D. Project Location (detailed description of project termini): Various locations in Monroe County for all county owned bridges.

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

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

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: N/A

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 2022 begins on July 1, 2021 and ends on June 30, 2022.

Phase	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Outlying Years
PE	Local Bridge	\$ 120,501.00	\$9,725.00	\$104,783.00	\$6,915.00	\$	\$
	Local Match	\$ 30,125.00	\$2,431.00	\$26,196.00	\$1,729.00	\$	\$
		\$	\$	\$	\$	\$	\$
RW		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CE		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CN		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
Totals:		\$ 150,626.00	\$12,156.00	\$130,979.00	\$8,644.00	\$	\$

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 Information:

Attach to this application form the following information as required by the Complete Streets Policy. 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.



FY 2022 - 2026 Transportation Improvement Program Project Request Form

(Please return form fully completed by April 30, 2021)

Mail: Bloomington - Monroe County MPO
401 N Morton Street, Suite 130
Bloomington, Indiana 47402
Email: clemensr@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): Lisa Ridge
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 BMCMPPO Complete Streets Policy.

4-29-2021

Employee in Responsible Charge (ERC)

Date

Section 3: Project Information

A. Project Name: Old SR 37 South at Dillman Road

B. Is project already in the TIP?
☐ Yes ☒ No

C. DES # (if assigned):

D. Project Location (detailed description of project termini): 1,000' on Old SR 37 South and 400' on Dillman Road for intersection improvements

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

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

G. Allied Projects: INDOT intersection improvements at SR 37 and Dillman 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: 01/2026

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 2022 begins on July 1, 2021 and ends on June 30, 2022.

Phase	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Outlying Years
PE	Local		\$125,000	\$ 125,000	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
RW		\$	\$	\$	\$	\$	\$
	Local	\$	\$	\$100,000	\$275,000	\$	\$
		\$	\$	\$	\$	\$	\$
CE	HSIP	\$	\$		\$	\$225,000	\$
	Local	\$	\$		\$	\$ 25,000	\$
		\$	\$	\$	\$	\$	\$
CN	HSIP	\$	\$		\$	\$ 1,800,000	\$
	Local	\$	\$		\$	\$ 200,000	\$
		\$	\$	\$	\$	\$	\$
	Totals:		\$125,000	\$225,000	\$ 275,000	\$ 2,250,000	\$

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 Information:

Attach to this application form the following information as required by the Complete Streets Policy. 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.



**City of Bloomington
Engineering Department**

April 29, 2021

1st Street Reconstruction

RE: Fiscal Year (FY) 2022-2026 Transportation Improvement Program (TIP) Call for Projects

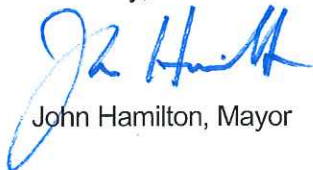
Dear Mr. Martin:

The City of Bloomington is pleased to submit this application to utilize federal funding. The project will improve safety, accessibility, and mobility for all modes of transportation in this important corridor. This project is also part of an effort to facilitate infill redevelopment of the current hospital site. All required project application forms are attached with this letter.

Preliminary engineering for the project is already underway utilizing local funding. If any right of way acquisition is necessary, then that would also utilize local funding. The total construction and construction engineering project costs are estimated at \$4,125,000 and we are requesting federal funding in the amount of \$2,919,646 in FY 2023. Additional funding details are included within the attached application forms.

We are committed to completing the preliminary engineering and right of way phases for this project and pursuing a construction contract letting in FY 2023. Patrick Dierkes will serve as the Employee in Responsible Charge (ERC) for the project and the main point of contact for any questions. The City of Bloomington appreciates your consideration for this highly valuable project.

Sincerely,


John Hamilton, Mayor

Jeffrey H.
Underwood, CPA
Jeff Underwood, Controller

Digitally signed by Jeffrey H. Underwood, CPA
DN: cn=Jeffrey H. Underwood, CPA, o=City of
Bloomington, ou=Office of the Controller,
email=underwoj@bloomington.in.gov, c=US
Date: 2021.04.30 12:11:31 -04'00'



FY 2022 - 2026 Transportation Improvement Program Project Request Form

(Please return form fully completed by April 30, 2021)

Mail: Bloomington - Monroe County MPO
401 N Morton Street, Suite 130
Bloomington, Indiana 47402

Email: clemensr@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):

Phone:

Email:

Patrick Dierkes

812-318-2507

patrick.dierkes@bloomington.in.gov

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 BCMPO Complete Streets Policy.

Employee in Responsible Charge (ERC)

4/29/2021

Date

Section 3: Project Information

A. Project Name: 1st Street Reconstruction

B. Is project already in the TIP?

☒ Yes ☐ No

C. DES # (if assigned): 1900399

D. Project Location (detailed description of project termini):

1st Street from Fairview Street to College Avenue (some utility and infrastructure work may extend west as far as Patterson Drive or as far east as Walnut Street depending on detailed design)

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

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

BMCMPPO 2040 Metropolitan Transportation Plan – Goals include “Promote projects that focus on improving safety for all;” “Directly focus on maintaining existing transportation facilities before building new ones;” “Encourage development patterns that are walkable, bikeable, and readily served by public transit;” and “Encourage infill development to most effectively utilize existing utilities and infrastructure.” This project improves multimodal safety and serves to facilitate infill development in a very central area of Bloomington where short trip lengths are particularly conducive to walking and bicycling.

BMCMPPO Complete Streets Policy – Goals include “To create a comprehensive, integrated, and connected transportation network that supports compact, sustainable development” and “To ensure that the safety and mobility of all users of the transportation system are accommodated...”

Bloomington Comprehensive Plan – Policies include “In land use decisions, require sufficient density through infill, redevelopment, and reuse of vacant or under-utilized parcels to support multimodal transportation and discourage urban sprawl;” “Consider all ages, all abilities, and all modes, including pedestrians, bicyclists, transit vehicles, emergency responders, and freight when planning, designing, modifying, and constructing transportation facilities;” and “Prioritize safety and accessibility over capacity in transportation planning, design, construction, and maintenance decisions.”

Bloomington Transportation Plan – “The 2018 Comprehensive Plan identifies the need to take a multimodal transportation approach to planning in Bloomington.” The plan also notes that “All facilities for pedestrians must be designed for safety, accessibility, and comfort.”

Redevelopment Strategies for the Bloomington Hospital Site – This report prepared by the Urban Land Institute details the need and vision for this area including a focus on dense, infill redevelopment that supports multimodal transportation.

BMCMPPO FY2020-2024 Transportation Improvement Program – Project is currently programmed for federal funding.

G. Allied Projects:

IU Health Hospital Redevelopment, Switchyard Park

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: October 13, 2022

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 2022 begins on July 1, 2021 and ends on June 30, 2022.

Phase	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Outlying Years
PE	Local	\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
RW	Local	\$ 90,000	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CE	Local	\$	\$ 475,000	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CN	Local	\$	\$ 730,354	\$	\$	\$	\$
	STP	\$	\$ 2,750,133	\$	\$	\$	\$
	TAP	\$	\$ 169,513	\$	\$	\$	\$
Totals:		\$ 90,000	\$ 4,125,000	\$	\$	\$	\$

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 Information:

Attach to this application form the following information as required by the Complete Streets Policy. 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).

This project is expected to reconstruct portions of existing 1st Street to include continuous and accessible sidewalks on both sides of the street, install enhanced pedestrian crosswalks, improve/replace the traffic signal equipment at 1st-College, replace old underground utility infrastructure, and provide accessible accommodations for existing transit stops.

The project seeks to reduce conflicts between modes by providing separated and continuous sidewalks on both sides of the street (the existing street does not have continuous sidewalks on both sides and the portions of existing sidewalk do not include tree plot separation as desired). The project will improve access management by removing numerous driveway cuts that were previously used by the hospital. The project will also be designed to discourage high traffic speeds in order to improve safety for all modes of transportation. The City's Transportation Plan designates this street as a neighborhood greenway, meaning that it will need to be designed to have calm motor vehicle traffic so that bicyclists are able to operate safely and comfortably within the street. Improvements at the signalized intersection would include accessible pedestrian equipment, signage updates, optimized traffic signal timings, signal head backplates, and a new traffic signal controller (existing equipment will be ~30 years old). The project is also expected to repave or reconstruct the existing asphalt roadway and perform maintenance/replacement/extension of existing underground utilities such as storm sewer systems.

This street reconstruction is necessary in general to improve safety and connectivity for all modes of transportation and it is necessary specifically to facilitate infill redevelopment of the current hospital site. This is a very central area of Bloomington where the short trip lengths are particularly conducive to walking and bicycling. As the hospital site redevelops the demands on this street are expected to increase substantially.

The primary geographic focus of this project is on 1st Street from Fairview Street to College Avenue. However, detailed design may lead to utility or other infrastructure work that could extend as far west as Patterson Drive or as far east as Walnut Street. All of 1st Street in this area is currently within City right of way. However, it is possible that small amounts of right of way or temporary right of way acquisition will be required.

- 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.

Project will be constructed to optimize safety and comfort for users of all ages and abilities and all modes of transportation. Project will comply with PROWAG, the City's adopted accessibility standards. Project will comply with all required environmental and historical regulations per the federal process. Project will have an appropriate maintenance of traffic plan to accommodate all users during construction.

- 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.).

Project priorities include improving safety (as detailed in #1) and expanding capacity by adding facilities for non-motorized modes that connect to other existing pedestrian and bicycle facilities. By improving pedestrian and bicycle connections this project will improve the City's ability to transport people while also working toward goals of equity and sustainability. This street is expected to receive increased pressure as the area redevelops. Furthermore, this project connects to the existing B-Line Trail and is less than half a mile from Bryan Park, Switchyard Park, Building Trades Park, Seminary Park, and Waldron/3rd Street Park. The project is also less than one mile from four elementary schools, one high school, the MCCSC Academy of Science and Entrepreneurship, and Indiana University. The project also connects to multiple lower income residential areas and the area is expected to redevelop with significantly more residential housing.

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

Preliminary engineering is underway. Public participation is expected in 2022. Right of way acquisition, if necessary, is expected in 2022. Construction is expected in 2024.

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

All permits will be applied for at the appropriate time in project development. Preliminary engineering is underway. Public participation is expected in 2022. Right of way acquisition, if necessary, is expected in 2022. Construction is expected in 2024.

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

Local funding match is being provided by an existing Tax Increment Financing district.

- 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.).

Project will be presented to the MPO committees and Bloomington Bicycle and Pedestrian Safety Commission. Those groups will receive updates about the project during development. Individual property owners adjacent to the project will be contacted after right of way impacts are determined. The Hospital Re-Use Steering Committee will also provide input on the project. At least one public information meeting will be held during design. Additional meetings or hearings may be necessary. Final details on public participation will be developed during the design phase. All comments and questions regarding the project will be considered and addressed as appropriate.

- 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.

INDOT, BMCMPPO, various City of Bloomington Departments, City of Bloomington Utilities, Bicycle and Pedestrian Safety Commission, adjacent neighborhood associations, adjacent property owners/tenants, and other interested parties.

FY 2022-2026 Transportation Alternatives Program Application

Please complete all pertinent fields and return an electronic copy to MPO staff at martipa@bloomington.in.gov.

Detailed Project Description (not to exceed 250 words)

Identify the project scope, overview, objective, and any other relevant project details.

This project will reconstruct portions of existing 1st Street to include continuous and accessible sidewalks on both sides of the street, install enhanced pedestrian crosswalks, improve/replace the traffic signal equipment at 1st-College, replace old underground utility infrastructure, and provide accessible accommodations for existing transit stops. This street reconstruction is necessary in general to improve safety and connectivity for all modes of transportation and it is necessary specifically to facilitate dense, infill redevelopment of the current hospital site. This is a very central area of Bloomington where the short trip lengths are particularly conducive to walking and bicycling. See TIP application for additional details.

Primary Purpose (Select one)

Please select which description best fits your project. All eligible project types are considered equally during evaluation.

- ☒ **X Construction of Bike/Ped Facilities**
- ☐ Safe Routes to School
- ☐ Multi-use trail project

Project Elements (All that apply)

- ☒ **X Sidewalks**
- ☐ On-street or off-street bicycle infrastructure
- ☒ **X Pedestrian and bicycle signals**
- ☐ Maintenance or construction of recreational trail or trailhead facilities
- ☒ **X Traffic calming techniques**
- ☒ **X Lighting and other infrastructure that improves bicycle and pedestrian safety**
- ☒ **X Infrastructure projects that will provide safe routes for non-drivers, including children, older adults, and individuals with disabilities to access daily needs**
- ☐ Safe Routes to School programming (Engagement, Equity, Engineering, Encouragement, Education, Evaluation)

Community Support (20 points maximum)

- a. Is the project supported by local planning documents? **(10 points maximum)**

Please list each planning document that supports the project and describe how it provides support..

BMCMPPO 2040 Metropolitan Transportation Plan – Goals include “Promote projects that focus on improving safety for all;” “Directly focus on maintaining existing transportation facilities before building new ones;” “Encourage development patterns that are walkable, bikeable, and readily served by public transit;” and “Encourage infill development to most effectively utilize existing utilities and infrastructure.” This project improves multimodal safety and serves to facilitate infill development in a very central area of Bloomington where short trip lengths are particularly conducive to walking and bicycling.

BMCMPPO Complete Streets Policy – Goals include “To create a comprehensive, integrated, and connected transportation network that supports compact, sustainable development” and “To ensure that the safety and mobility of all users of the transportation system are accommodated....”

Bloomington Comprehensive Plan – Policies include “In land use decisions, require sufficient density through infill, redevelopment, and reuse of vacant or under-utilized parcels to support multimodal transportation and discourage urban sprawl;” “Consider all ages, all abilities, and all modes, including pedestrians, bicyclists, transit vehicles, emergency responders, and freight when planning, designing, modifying, and constructing transportation facilities;” and “Prioritize safety and accessibility over capacity in transportation planning, design, construction, and maintenance decisions.”

Bloomington Transportation Plan – “The 2018 Comprehensive Plan identifies the need to take a multimodal transportation approach to planning in Bloomington.” The plan also notes that “All facilities for pedestrians must be designed for safety, accessibility, and comfort.”

Redevelopment Strategies for the Bloomington Hospital Site – This report prepared by the Urban Land Institute details the need and vision for this area including a focus on dense, infill redevelopment that supports multimodal transportation.

BMCMPPO FY2020-2024 Transportation Improvement Program – Project is currently programmed for federal funding.

- b. Has the project received letters of support from community organizations? **(5 points maximum)**

Please include a copy of each letter.

No. This project supports the efforts of numerous community organizations, but it has not sought endorsement letters. This project is already programmed in the TIP.

- c. Has the project been presented at public meetings? **(5 points maximum)**

Please list the name, date, and location of each meeting.

All of the local planning documents supporting this project included extensive public outreach. Additionally, these infrastructure recommendations for hospital redevelopment from the Urban Land Institute and the Hospital Re-Use Steering Committee involved numerous public meetings.

Safety (25 points maximum)

- a. Does the project location occur on any of the following lists in the MPO’s crash reports from the previous 3 years? **(10 points maximum)**

Please check each list on which the project location appears and indicate which year’s crash report the list is in.

- ☐ ‘Top Locations by Crash Total’ (Year(s): _____)
- ☐ ‘Top Locations by Crash Rate’ (Year(s): _____)
- ☐ ‘Top Locations by Crash Severity’ (Year(s): _____)
- ☐ ‘Eligible HSIP Locations’ (Year(s): _____)
- ☐ ‘Top Bicycle and Pedestrian Crash Locations’ (Year(s): _____)

- b. How many total crashes occurred within ¼ mile of the proposed project in the previous five (5) years? **(5 points maximum)**

462 total crashes (2016-2020 data)

- c. How many fatal or incapacitating injury crashes occurred within ¼ mile of the proposed project in the previous five (5) years? **(5 points maximum)**

36 incapacitating injury crashes (2016-2020 data)

- d. Does the proposed project improve safety for multiple user groups? **(5 points maximum)**

Please check all that apply.

- ☒ **X Pedestrians**

- ☒ **X Bicyclists**
- ☒ **X Motorists**
- ☒ **X Transit users**
- ☒ **X Disabled persons**

Utility (25 points maximum)

- a. Does the project connect to destinations such as parks, schools, libraries, retail centers, or employment centers? **(10 points maximum)**
Please check all that apply.

- ☒ **X Public Park**
- ☒ **X School**
- ☐ Library
- ☒ **X Employment**
- ☐ Retail

- b. Does the proposed project connect to existing bicycling and walking networks? **(5 points maximum)**
Please check all that apply.

- ☒ **X Multi-use Trail**
- ☐ On-street bikeway
- ☐ Sidepath
- ☒ **X Sidewalk**
- ☒ **X Signed bike route**

- c. How many transit routes and transit stops are located within the proposed project, or are located within ¼ mile of the proposed project? **(5 points maximum)**

4 transit lines (1, 2, 4, and 7) and 32 transit stops including routes and stops directly on 1st Street within this project. Technically every single transit line in the City could be listed here because the downtown transit center is within ¼ mile of this project.

- d. Does the project enhance bicycle and pedestrian access for traditionally underserved populations, as identified in the MPO's Long Range Transportation Plan? **(5 points maximum)**

This project does not directly occur within one of the census tracts specified in the MPO 2040 Long Range Transportation Plan. However, primary goals of this project include enhancing bicycle/pedestrian access and facilitating dense, infill development which can improve housing affordability in the community.

Project Readiness (30 points maximum)

- a. What percentage of design work is currently completed for the project? **(10 points maximum)**

Conceptual design and topographic survey have been completed for this project. The proposed timeline leaves adequate time to complete all design work.

- b. What percentage of the project right-of-way is owned by the project sponsor at the time of this application? **(10 points maximum)**

1st Street is currently entirely within City right of way and additional permanent right of way is not anticipated. However, it is possible that small amounts of right of way or temporary right of way acquisition will be required.

c. Is this project eligible for a categorical exclusion from NEPA reviews? **(5 points maximum)**

Yes, it is expected that this project will be eligible for a categorical exclusion, but this cannot be determined until the preliminary engineering is farther along and a determination is made by INDOT/FHWA.

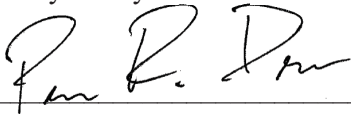
d. With the funds requested, will the project be fully funded, or a phase of the project fully funded?
(5 points maximum)

Yes, with the funds requested the project would be fully funded. Local match on the project is likely to exceed the minimum 20% and may be provided by the existing Tax Increment Financing district. Preliminary engineering and potential right of way acquisition is assumed to be 100% locally funded.

PLEASE ATTACH THE FOLLOWING TO THE COMPLETED TAP APPLICATION:

- **FY 2022-2026 TIP Project Request Form**
- **Cover letter signed by the highest elected local official as well as the highest financial officer of the LPA**
- **Project Map**
- **NEPA Approval Letter** (if applicable)
- **Letters of support** (if applicable)

I hereby certify that the information submitted as part of this application is accurate.



Signature

4/29/2021

Date

First Street Reconstruction





**City of Bloomington
Engineering Department**

April 29, 2021

West 2nd Street Modernization and Safety Improvements

RE: Fiscal Year (FY) 2022-2026 Transportation Improvement Program (TIP) Call for Projects

Dear Mr. Martin:

The City of Bloomington is pleased to submit this application to utilize federal funding. The project will improve safety, accessibility, and mobility for all modes of transportation in this important corridor. This project is also part of an effort to facilitate infill redevelopment of the current hospital site. All required project application forms are attached with this letter.

Preliminary engineering for the project will utilize local funding. If any right of way acquisition is necessary, then that would also utilize local funding. The total construction and construction engineering project costs are estimated at \$4,377,000 and we are requesting federal funding in the amount of \$3,161,756 in FY 2025. Additional funding details are included within the attached application forms.

We are committed to completing the preliminary engineering and right of way phases for this project and pursuing a construction contract letting in FY 2025. Patrick Dierkes will serve as the Employee in Responsible Charge (ERC) for the project and the main point of contact for any questions. The City of Bloomington appreciates your consideration for this highly valuable project.

Sincerely,



John Hamilton, Mayor

Jeffrey H.
Underwood, CPA

Digitally signed by Jeffrey H. Underwood, CPA
DN: cn=Jeffrey H. Underwood, CPA, o=City of
Bloomington, ou=Office of the Controller,
email=underwoj@bloomington.in.gov, c=US
Date: 2021.04.30 11:42:11 -0400

Jeff Underwood, Controller



FY 2022 - 2026 Transportation Improvement Program Project Request Form

(Please return form fully completed by April 30, 2021)

Mail: Bloomington - Monroe County MPO
401 N Morton Street, Suite 130
Bloomington, Indiana 47402

Email: clemensr@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):

Patrick Dierkes

Phone:

812-318-2507

Email:

patrick.dierkes@bloomington.in.gov

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.

Employee in Responsible Charge (ERC)

4/29/2021

Date

Section 3: Project Information

A. Project Name: West 2nd Street Modernization and Safety Improvements

B. Is project already in the TIP?

☐ Yes ☒ No

C. DES # (if assigned):

D. Project Location (detailed description of project termini): 2nd Street from Walker Street to the B-Line Trail. (Work may extend west to Patterson Drive or east to College Avenue if desirable based on detailed design.)

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

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

BMCMPO 2040 Metropolitan Transportation Plan – Goals include “Promote projects that focus on improving safety for all;” “Encourage development patterns that are walkable, bikeable, and readily served by public transit;” and “Encourage infill development to most effectively utilize existing utilities and infrastructure.” This project improves multimodal safety and serves to facilitate infill development in a very central area of Bloomington where short trip lengths are particularly conducive to walking and bicycling.

BMCMPO Complete Streets Policy – Goals include “To create a comprehensive, integrated, and connected transportation network that supports compact, sustainable development” and “To ensure that the safety and mobility of all users of the transportation system are accommodated....”

Bloomington Comprehensive Plan – Policies include “In land use decisions, require sufficient density through infill, redevelopment, and reuse of vacant or under-utilized parcels to support multimodal transportation and discourage urban sprawl;” “Consider all ages, all abilities, and all modes, including pedestrians, bicyclists, transit vehicles, emergency responders, and freight when planning, designing, modifying, and constructing transportation facilities;” and “Prioritize safety and accessibility over capacity in transportation planning, design, construction, and maintenance decisions.” The plan also lists “West 2nd Street – Former Bloomington Hospital” as a focus area for significant change in land use activities.

Bloomington Transportation Plan – “The 2018 Comprehensive Plan identifies the need to take a multimodal transportation approach to planning in Bloomington.” The plan also notes that “All facilities for pedestrians must be designed for safety, accessibility, and comfort.”

Redevelopment Strategies for the Bloomington Hospital Site – This report prepared by the Urban Land Institute details the need and vision for this area including a focus on dense, infill redevelopment that supports multimodal transportation.

Bloomington Hospital Site Redevelopment Master Plan – This report specifically recommends reducing the width of 2nd Street, providing better accommodations for pedestrians, and installing a protected bicycle lane.

G. **Allied Projects: 2nd-Bloomfield Multimodal Improvements, 1st Street Reconstruction, IU Health Hospital Redevelopment, B-Line Trail, Switchyard Park**

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: October 9, 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 BMCMPO policy. All CN phases must include an appropriate amount of funding for construction inspection in addition to project construction costs.

Note: Fiscal Year 2022 begins on July 1, 2021 and ends on June 30, 2022.

Phase	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Outlying Years
PE	Local	\$ 500,000	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
RW	Local	\$	\$	\$ 100,000	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CE	Local	\$	\$	\$	\$ 86,244	\$	\$
	STP	\$	\$	\$	\$ 338,756	\$	\$
		\$	\$	\$	\$	\$	\$
CN	Local	\$	\$	\$	\$ 777,000	\$	\$
	STP	\$	\$	\$	\$ 2,653,487	\$	\$
	TAP	\$	\$	\$	\$ 169,513	\$	\$
Totals:		\$ 500,000	\$	\$ 100,000	\$ 4,377,000	\$	\$

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 Information:

Attach to this application form the following information as required by the Complete Streets Policy. 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).

This project will construct multimodal safety and mobility improvements on West 2nd Street from Walker Street to the B-Line Trail. Project improvements are expected to include sidewalks, bus stops, a two-way protected bicycle lane, pavement maintenance, and traffic signal replacements.

The project seeks to reduce conflicts between modes by providing accessible sidewalks on both sides of the street as well as a physically protected bicycle lane to connect the existing multiuse paths west of Walker to the existing B-Line Trail. Accessible bus stops will be constructed to complement the existing transit routes on the street. The traffic signals at Walker Street and at Rogers Street will each be more than 30 years old when this project goes to construction. These traffic signals require replacement due to their age, but also to provide safety improvements such as signal head backplates, improved detection, and modern equipment capable of incorporating signal timings optimized to accommodate all modes. The street will be surfaced because it requires maintenance and also to reallocate street space for the protected bicycle lanes. This work will include signage and marking updates to improve predictability. By reducing the width of the existing 16' travel lanes, the project will have a traffic calming effect that is expected to reduce crash risk for all modes. The new cross section will provide an opportunity for shorter and improved pedestrian crosswalks. The project will also incorporate access management by removing the old hospital's driveways and facilitating an urban street grid within the hospital site.

This project is necessary to improve both safety and mobility for all modes of transportation, but it is also specifically necessary to facilitate infill redevelopment of the current hospital site. This is a very central area of Bloomington where the short trip lengths are particularly conducive to walking and bicycling. As the hospital site redevelops, the multimodal demands on this street are expected to increase substantially.

- 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.

Project will be constructed to optimize safety and comfort for users of all ages and abilities and all modes of transportation. Project will comply with PROWAG, the City's adopted accessibility standards. Project will comply with all required environmental and historical regulations per the federal process. Project will have an appropriate maintenance of traffic plan to accommodate all users during construction.

- 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.).

Project priorities include improving safety (as detailed in #1) and expanding capacity by adding facilities for non-motorized modes that connect to other existing pedestrian and bicycle facilities. By improving pedestrian and bicycle connections this project will improve the City's ability to transport people while also working toward goals of equity and sustainability. This street is expected to receive increased pressure as the area redevelops. Furthermore, this project connects to the existing B-Line Trail and is less than half a mile from Building Trades Park, Seminary Park, Waldron/3rd Street Park, and the Banneker Community Center. The project is also less than one mile from four elementary schools, one high school, the MCCSC Academy of Science and Entrepreneurship, and Indiana University. The project also connects to multiple lower income residential areas and the area is expected to redevelop with significantly more residential housing. This project also provides a regional connection by linking the B-Line trail to the existing 2nd/Bloomfield multiuse paths which are now connected all the way to Liberty Drive (with projects underway that will connect to the Karst trail system).

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

Preliminary engineering consultant selection and design will begin in 2022. Public participation is anticipated in 2023. The project will be constructed within existing right of way, but any minor acquisitions will be completed in 2024. Construction would take place during 2025.

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

All permits will be applied for at the appropriate time in project development. Key milestones will include Stage 3 and Final Tracings plan submissions.

- 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 City's local match portion will depend upon available/awarded federal funding levels.

- 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.).

Project will be presented to the MPO committees and Bloomington Bicycle and Pedestrian Safety Commission. Those groups will receive updates about the project during development. Individual property owners adjacent to the project will be contacted after right of way impacts are determined. The Hospital Re-Use Steering Committee may also provide input on the project. At least one public information meeting will be held during design. Additional meetings or hearings may be necessary. Final details on public participation will be developed during the design phase. All comments and questions regarding the project will be considered and addressed as appropriate.

- 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.

INDOT, BMCMPPO, BT, various City of Bloomington Departments, City of Bloomington Utilities, Bicycle and Pedestrian Safety Commission, adjacent neighborhood associations, adjacent property owners/tenants, and other interested parties.

FY2022 - 2026 Transportation Alternatives Program Application

Please complete all pertinent fields and return an electronic copy to MPO staff at martipa@bloomington.in.gov.

Detailed Project Description (not to exceed 250 words)

Identify the project scope, overview, objective, and any other relevant project details.

This project focuses on multimodal safety and mobility improvements on West 2nd Street from Walker Street to the B-Line Trail. The project seeks to reduce conflicts between modes by providing accessible sidewalks on both sides of the street as well as a physically protected bicycle lane to connect the existing multiuse paths west of Walker to the existing B-Line Trail. Accessible bus stops will be constructed to complement the existing transit on the street. The traffic signals at Walker Street and at Rogers Street will each be more than 30 years old when this project goes to construction. These traffic signals require replacement due to their age, but also to provide safety improvements such as signal head backplates, improved detection, and modern equipment capable of incorporating signal timings optimized to accommodate all modes. The street will be surfaced because it requires maintenance and also to reallocate street space for the protected bicycle lanes. This work will include signage and marking updates to improve predictability. By reducing the width of the existing 16' travel lanes, the project will have a traffic calming effect that is expected to reduce crash risk for all modes. The new cross section will provide an opportunity for shorter and improved pedestrian crosswalks. The project will also incorporate access management by removing the old hospital's driveways and facilitating an urban street grid within the hospital site.

Primary Purpose (Select one)

Please select which description best fits your project. All eligible project types are considered equally during evaluation.

- ☒ **X Construction of Bicycle/Pedestrian Facilities**
- ☐ Safe Routes to School
- ☐ Multi-use trail project

Project Elements (Select all that apply)

- ☒ **X Sidewalks**
- ☒ **X On-street or off-street bicycle infrastructure**
- ☒ **X Pedestrian and bicycle signals**
- ☒ **X Maintenance or construction of recreational trail or trailhead facilities**
- ☒ **X Traffic calming techniques**
- ☒ **X Lighting and other infrastructure that improves bicycle and pedestrian safety**
- ☒ **X Infrastructure projects that will provide safe routes for non-drivers, including children, older adults, and individuals with disabilities to access daily needs**
- ☐ Safe Routes to School programming (Engagement, Equity, Engineering, Encouragement, Education, Evaluation)

Community Support (20 points maximum)

- a. Is the project supported by local planning documents? **(10 points maximum)**

Please list each planning document that supports the project and describe how it provides support.

BMCMPPO 2040 Metropolitan Transportation Plan – Goals include “Promote projects that focus on improving safety for all;” “Encourage development patterns that are walkable, bikeable, and readily served by public transit;” and “Encourage infill development to most effectively utilize existing utilities and infrastructure.” This project

improves multimodal safety and serves to facilitate infill development in a very central area of Bloomington where short trip lengths are particularly conducive to walking and bicycling.

BMCMPPO Complete Streets Policy – Goals include “To create a comprehensive, integrated, and connected transportation network that supports compact, sustainable development” and “To ensure that the safety and mobility of all users of the transportation system are accommodated....”

Bloomington Comprehensive Plan – Policies include “In land use decisions, require sufficient density through infill, redevelopment, and reuse of vacant or under-utilized parcels to support multimodal transportation and discourage urban sprawl;” “Consider all ages, all abilities, and all modes, including pedestrians, bicyclists, transit vehicles, emergency responders, and freight when planning, designing, modifying, and constructing transportation facilities;” and “Prioritize safety and accessibility over capacity in transportation planning, design, construction, and maintenance decisions.” The plan also lists “West 2nd Street – Former Bloomington Hospital” as a focus area for significant change in land use activities.

Bloomington Transportation Plan – “The 2018 Comprehensive Plan identifies the need to take a multimodal transportation approach to planning in Bloomington.” The plan also notes that “All facilities for pedestrians must be designed for safety, accessibility, and comfort.”

Redevelopment Strategies for the Bloomington Hospital Site – This report prepared by the Urban Land Institute details the need and vision for this area including a focus on dense, infill redevelopment that supports multimodal transportation.

Bloomington Hospital Site Redevelopment Master Plan – This report specifically recommends reducing the width of 2nd Street, providing better accommodations for pedestrians, and installing a protected bicycle lane.

- b. Has the project received letters of support from community organizations? **(5 points maximum)**

Please include a copy of each letter.

This project supports the efforts of numerous community organizations, but it has not sought endorsement letters.

- c. Has the project been presented at public meetings? **(5 points maximum)**

Please list the name, date, and location of each meeting.

All of the local planning documents supporting this project included extensive public outreach. Additionally, these infrastructure recommendations for hospital redevelopment from the Urban Land Institute and the Hospital Re-Use Steering Committee involved numerous public meetings.

Safety (25 points maximum)

- a. Does the project location occur on any of the following lists in the MPO’s crash reports from the previous five (5) years? **(10 points maximum)**

Please check each list on which the project location appears and indicate which year’s crash report the list is in.

- ☐ ‘Top Locations by Crash Total’ (Year(s): _____)
- ☐ ‘Top Locations by Crash Rate’ (Year(s): _____)
- ☐ ‘Top Locations by Crash Severity’ (Year(s): _____)
- ☐ ‘Eligible HSIP Locations’ (Year(s): _____)
- ☐ ‘Top Bicycle and Pedestrian Crash Locations’ (Year(s): _____)

- b. How many total crashes occurred within ¼ mile of the proposed project in the previous five (5) years? **(5 points maximum)**

516 crashes (2016-2020 data)

- c. How many fatal or incapacitating injury crashes occurred within ¼ mile of the proposed project in the previous five (5) years? **(5 points maximum)**

1 fatal and 46 incapacitating crashes (2016-2020 data)

- d. Does the proposed project improve safety for multiple user groups? **(5 points maximum)**

Please check all that apply.

- ☐ **X Pedestrians**
- ☐ **X Bicyclists**
- ☐ **X Motorists**
- ☐ **X Transit users**
- ☐ **X Disabled persons**

Utility (25 points maximum)

- a. Does the project connect to destinations such as parks, schools, libraries, retail centers, or employment centers? **(10 points maximum)**

Please check all that apply.

- ☐ **X Public Park**
- ☐ **X School**
- ☐ Library
- ☐ **X Employment**
- ☐ **X Retail**

- b. Does the proposed project connect to existing bicycling and walking networks? **(5 points maximum)**

Please check all that apply.

- ☐ **X Multi-use Trail**
- ☐ On-street bikeway
- ☐ **X Sidepath**
- ☐ **X Sidewalk**
- ☐ **X Signed bike route**

- c. How many transit routes and transit stops are located within the proposed project, or are located within ¼ mile of the proposed project? **(5 points maximum)**

This project is within ¼ mile of the downtown transit center, thus every transit route in the City is in the project area. Currently, Route 4 travels on 2nd Street in this area and the project is within ¼ mile of dozens of bus stops. Potential BT route optimizations may add microtransit to this area.

- d. Does the project enhance bicycle and pedestrian access for traditionally underserved populations, as identified in the MPO's Long Range Transportation Plan? **(5 points maximum)**

This project borders census tract 1, but does not fall directly within one of the census tracts specified in the MPO 2040 Long Range Transportation Plan. Primary goals of this project include enhancing bicycle/pedestrian access and facilitating dense, infill development which can improve housing affordability in the community.

Project Readiness (30 points maximum)

a. What percentage of design work is currently completed for the project? **(10 points maximum)**
Conceptual design was planned through hospital redevelopment discussions, but no detailed design has been completed. There is more than sufficient time to complete design in compliance with INDOT timelines.

b. What percentage of the project right-of-way is owned by the project sponsor at the time of this application? **(10 points maximum)**
100%. 2nd Street is currently entirely within City right of way and additional permanent right of way acquisition is not anticipated. It is possible that some unexpected right of way or temporary right of way will be necessary.

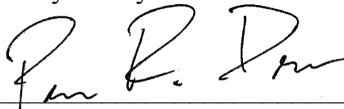
c. Is this project eligible for a categorical exclusion from NEPA reviews? **(5 points maximum)**
Yes, it is expected that this project will be eligible for a categorical exclusion, but this cannot be determined until the preliminary engineering is farther along and a determination is made by INDOT/FHWA.

d. With the funds requested, will the project be fully funded, or a phase of the project fully funded? **(5 points maximum)**
Yes, with the funds requested the project would be fully funded. Preliminary engineering and potential right of way acquisition is assumed to be 100% locally funded.

PLEASE ATTACH THE FOLLOWING TO THE COMPLETED TAP APPLICATION:

- **FY 2022 - 2026 TIP Project Request Form**
- **Cover letter signed by the highest elected local official as well as the highest financial officer of the LPA**
- **Project Map**
- **NEPA Approval Letter (if applicable)**
- **Letters of support (if applicable)**

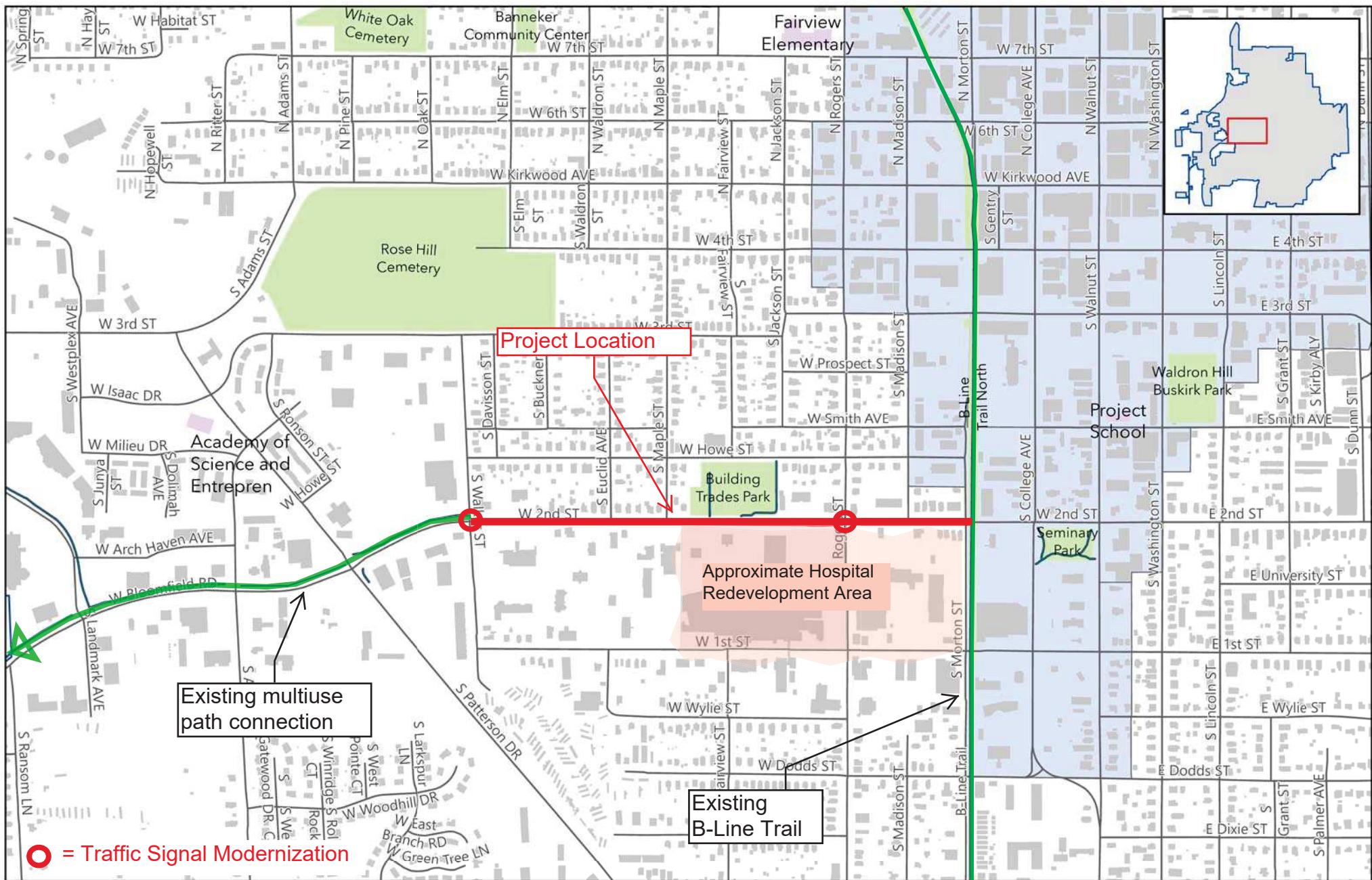
I hereby certify that the information submitted as part of this application is accurate.



Signature

4/29/2021

Date





**City of Bloomington
Engineering Department**

April 29, 2021

17th Street Multimodal Improvements

RE: Fiscal Year (FY) 2022-2026 Transportation Improvement Program (TIP) Call for Projects

Dear Mr. Martin:

The City of Bloomington is pleased to submit this funding application to utilize federal funding. The project will improve safety, accessibility, and mobility for all modes of transportation in this important corridor. All required project application forms are attached with this letter.

Preliminary engineering and right of way acquisition for the project is already underway and utilizes local funding. The total construction and construction engineering project costs are estimated at \$2,957,000 and we are requesting federal funding in the amount of \$2,307,822 in FY 2022. Additional funding details are included within the attached application forms.

We are committed to completing the preliminary engineering and right of way phases for this project and pursuing a construction contract letting in FY 2022. Neil Kopper will serve as the Employee in Responsible Charge (ERC) for the project and the main point of contact for any questions. The City of Bloomington appreciates your consideration for this highly valuable project.

Sincerely,


John Hamilton, Mayor

Jeffrey H.
Underwood,
CPA

Jeff Underwood, Controller

Digitally signed by Jeffrey H. Underwood,
CPA
DN: cn=Jeffrey H. Underwood, CPA, o=City
of Bloomington, ou=Office of the
Controller,
email=underwoj@bloomington.in.gov,
c=US
Date: 2021.04.30 12:13:39 -04'00'



FY 2022 - 2026 Transportation Improvement Program Project Request Form

(Please return form fully completed by April 30, 2021)

Mail: Bloomington - Monroe County MPO
401 N Morton Street, Suite 130
Bloomington, Indiana 47402

Email: clemensr@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): Neil Kopper
Phone: 812-349-3423
Email: koppern@bloomington.in.gov

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.

Neil Kopper

4/30/2021

Employee in Responsible Charge (ERC)

Date

Section 3: Project Information

- A. Project Name: 17th Street Multimodal Improvements
- B. Is project already in the TIP?
☒ Yes ☐ No
- C. DES # (if assigned): 1900402
- D. Project Location (detailed description of project termini): 17th Street from Monroe Street to Grant Street

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

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

BMCMPPO 2040 Metropolitan Transportation Plan – Goals include “Fund projects that encourage and educate the public about safe driving, biking, walking, and using transit,” “Promote projects that focus on improving safety for all,” and “Pursue possible funding opportunities to increase trail/path use and investment.”

BMCMPPO Complete Streets Policy – Goals include “To ensure that the safety and mobility of all users of the transportation system are accommodated....”

Bloomington Comprehensive Plan – Policies include “Prioritize safety and accessibility over capacity in transportation planning, design, construction, and maintenance decisions.”

Bloomington Transportation Plan – Project is specifically listed as part of the City’s high priority bicycle network.

BMCMPPO FY2020-2024 Transportation Improvement Program – Project is currently programmed for federal funding.

G. Allied Projects:

17th Street Reconstruction (Lismore to Monroe); 17th/Vernal I-69 Overpass; Dunnhill/Evolve redevelopment project (multiuse path along 17th from Grant to Dunn); 17th at Dunn intersection improvement project; 17th (Dunn to Fee) multiuse path project.

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: March 10, 2022

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 2022 begins on July 1, 2021 and ends on June 30, 2022.

Phase	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Outlying Years
PE		\$	\$	\$	\$	\$	\$
RW	Local	\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CE	Local	\$ 71,000	\$	\$	\$	\$	\$
	STP	\$ 284,000	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CN	Local	\$ 578,178	\$	\$	\$	\$	\$
	STP	\$ 1,854,309	\$	\$	\$	\$	\$
	TAP	\$ 169,513	\$	\$	\$	\$	\$
Totals:		\$ 2,957,000	\$	\$	\$	\$	\$

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 Information:

Attach to this application form the following information as required by the Complete Streets Policy. 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).

Project will fill in a gap in the existing infrastructure along 17th Street by constructing multiuse path on the north side of 17th Street from Monroe Street to Grant Street; address sidewalk maintenance needs by updating pedestrian curb ramps on the south side of 17th Street within the project limits; address asphalt maintenance needs by resurfacing the street; and provide accessible accommodations for existing transit stops. The project will also modernize and improve safety for the traffic signal at the 17th-Madison Street intersection (ranked #33 in most recent BMCMPPO Crash Report for crash total) and improve the 17th-College intersection through geometric modifications to improve motor vehicle safety (improving lane alignments across the intersection).

This project seeks to reduce conflicts between modes and provide high comfort bicycle and pedestrian infrastructure by constructing the dedicated multiuse path. Design of the path incorporates improved crosswalks, minimizes driveway interactions using access management, and constructs geometric updates to improve multimodal safety. Improvements at signalized intersections include updated pedestrian signal indications and accessible pushbuttons, improved crosswalks with accessible curb ramps, at least one signal head per travel lane, signage updates, optimized traffic signal timings, signal head backplates, and other geometric modifications to reduce crash risk for all users.

The 17th Street existing and future infrastructure is primarily within existing City right of way. However, some acquisition from adjacent land owners is expected from numerous parcels.

- 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.

Project will be constructed to improve safety and comfort for users of all ages and abilities and all modes of transportation. Project will comply with PROWAG, the City's adopted accessibility standards. Project will comply with all required environmental and historical regulations per the federal process. Project will have an appropriate maintenance of traffic plan to accommodate all users during construction.

- 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.).

Project priorities include improving safety (as detailed in #1) and expanding capacity by adding facilities for non-motorized modes that connect to other existing pedestrian and bicycle facilities. By improving pedestrian and bicycle connections this project will improve the City's ability to transport people while also working toward goals of equity and sustainability. Once this project is constructed, 17th Street/Vernal Pike would have approximately 3.8 miles of continuous multiuse path and would better connect lower income areas of northwest Bloomington with Tri-North middle school, downtown, and IU.

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

Preliminary engineering is underway. Public participation is expected 2021. Right of way acquisition is expected in 2021. Construction is expected in 2022.

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

All permits will be applied for at the appropriate time in project development. Preliminary engineering is underway. Public participation is expected 2021. Right of way acquisition is expected in 2021. Construction is expected in 2022.

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

In the event that this project does not receive full federal funding, it may need to be phased into separate projects or otherwise reduced in scope in order to be completed.

- 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.).

Project will be presented to the MPO committees and Bloomington Bicycle and Pedestrian Safety Commission. Those groups will receive updates about the project during development. Individual property owners adjacent to the project will be contacted after right of way impacts are determined. At least one public information meeting will be held during design. Additional meetings or hearings may be necessary. Final details on public participation will be developed during the design phase. All comments and questions regarding the project will be considered and addressed as appropriate.

- 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.

INDOT, BMCMPPO, various City of Bloomington Departments, Bicycle and Pedestrian Safety Commission, adjacent neighborhood associations, adjacent property owners/tenants, and other interested parties.

FY 2022-2026 Transportation Alternatives Program Application

Please complete all pertinent fields and return an electronic copy to MPO staff at martipa@bloomington.in.gov.

Detailed Project Description (not to exceed 250 words)

Identify the project scope, overview, objective, and any other relevant project details.

Project will fill in a gap in the existing infrastructure along 17th Street by constructing multiuse path on the north side of 17th Street from Monroe Street to Grant Street; address sidewalk maintenance and accessibility needs by updating pedestrian curb ramps on the south side of 17th Street within the project limits; address asphalt maintenance needs by resurfacing the street; and provide accessible accommodations for existing transit stops. This project focuses on improvements for active transportation modes, but it will also modernize and improve safety for the traffic signal at the 17th-Madison Street intersection (ranked #33 in most recent BMCMPPO Crash Report for crash total) and improve the 17th-College intersection through geometric modifications to improve motor vehicle safety (improving lane alignment across the intersection).

Primary Purpose (Select one)

Please select which description best fits your project. All eligible project types are considered equally during evaluation.

- ☒ **X Construction of Bike/Ped Facilities**
- ☐ Safe Routes to School
- ☐ Multi-use trail project

Project Elements (All that apply)

- ☒ **X Sidewalks**
- ☒ **X On-street or off-street bicycle infrastructure**
- ☒ **X Pedestrian and bicycle signals**
- ☐ Maintenance or construction of recreational trail or trailhead facilities
- ☐ Traffic calming techniques
- ☒ **X Lighting and other infrastructure that improves bicycle and pedestrian safety**
- ☒ **X Infrastructure projects that will provide safe routes for non-drivers, including children, older adults, and individuals with disabilities to access daily needs**
- ☐ Safe Routes to School programming (Engagement, Equity, Engineering, Encouragement, Education, Evaluation)

Community Support (20 points maximum)

- a. Is the project supported by local planning documents? **(10 points maximum)**

Please list each planning document that supports the project and describe how it provides support.

BMCMPPO 2040 Metropolitan Transportation Plan – Goals include “Fund projects that encourage and educate the public about safe driving, biking, walking, and using transit,” “Promote projects that focus on improving safety for all,” and “Pursue possible funding opportunities to increase trail/path use and investment.”

BMCMPPO Complete Streets Policy – Goals include “To ensure that the safety and mobility of all users of the transportation system are accommodated....”

Bloomington Comprehensive Plan – Policies include “Prioritize safety and accessibility over capacity in transportation planning, design, construction, and maintenance decisions.”

Bloomington Transportation Plan – Project is specifically listed as part of the City’s high priority bicycle network.

BMCMPPO FY2020-2024 Transportation Improvement Program – Project is currently programmed for federal funding.

- b. Has the project received letters of support from community organizations? **(5 points maximum)**

Please include a copy of each letter.

No. This project supports the efforts of numerous community organizations, but it has not sought endorsement letters. This project is already programmed in the TIP.

- c. Has the project been presented at public meetings? **(5 points maximum)**

Please list the name, date, and location of each meeting.

Yes, this project has been discussed at the Bicycle and Pedestrian Safety Commission. All of the local planning documents supporting this project included extensive public outreach. The Bloomington Transportation Plan explicitly lists this project as a part of its high priority network.

Safety (25 points maximum)

- a. Does the project location occur on any of the following lists in the MPO’s crash reports from the previous 3 years? **(10 points maximum)**

Please check each list on which the project location appears and indicate which year’s crash report the list is in

- ☒ **X** ‘Top Locations by Crash Total’ (Year(s): 2013-2015)
- ☐ ‘Top Locations by Crash Rate’ (Year(s): _____)
- ☐ ‘Top Locations by Crash Severity’ (Year(s): _____)
- ☐ ‘Eligible HSIP Locations’ (Year(s): _____)
- ☐ ‘Top Bicycle and Pedestrian Crash Locations’ (Year(s): _____)

- b. How many total crashes occurred within ¼ mile of the proposed project in the previous five (5) years? **(5 points maximum)**

596 total crashes (2016-2020 data)

- c. How many fatal or incapacitating injury crashes occurred within ¼ mile of the proposed project in the previous five (5) years? **(5 points maximum)**

46 incapacitating, 1 fatal (2016-2020 data)

- d. Does the proposed project improve safety for multiple user groups? **(5 points maximum)**

Please check all that apply.

- ☒ **X Pedestrians**
- ☒ **X Bicyclists**
- ☒ **X Motorists**
- ☒ **X Transit users**
- ☒ **X Disabled persons**

Utility (25 points maximum)

- a. Does the project connect to destinations such as parks, schools, libraries, retail centers, or employment centers? **(10 points maximum)**

Please check all that apply.

- ☐ **X Public Park**
- ☐ **X School**
- ☐ Library
- ☐ **X Employment**
- ☐ **X Retail**

- b. Does the proposed project connect to existing bicycling and walking networks? **(5 points maximum)**

Please check all that apply.

- ☐ Multi-use Trail
- ☐ **X On-street bikeway**
- ☐ **X Sidepath**
- ☐ **X Sidewalk**
- ☐ **X Signed bike route**

- c. How many transit routes and transit stops are located within the proposed project, or are located within ¼ mile of the proposed project? **(5 points maximum)**

3 transit lines and 25 transit stops

- d. Does the project enhance bicycle and pedestrian access for traditionally underserved populations, as identified in the MPO's Long Range Transportation Plan? **(5 points maximum)**

Yes, the MPO 2040 Long Range Transportation Plan specifically notes Census Tract 6.02 and Census Tract 16 which this project falls within. The primary focus of this project is to enhance bicycle and pedestrian access.

Project Readiness (30 points maximum)

- a. What percentage of design work is currently completed for the project? **(10 points maximum)**

Design is approximately 80% complete. The proposed timeline for this project leaves adequate time to complete all design work.

- b. What percentage of the project right-of-way is owned by the project sponsor at the time of this application? **(10 points maximum)**

The majority of the 17th Street corridor is within existing city right of way. However, small areas of additional right of way acquisition are required from numerous adjacent parcels and the City is in the ROW acquisition phase.

- c. Is this project eligible for a categorical exclusion from NEPA reviews? **(5 points maximum)**

Yes, the project is eligible for and has completed a Categorical Exclusion.

- d. With the funds requested, will the project be fully funded, or a phase of the project fully funded?
(5 points maximum)

Yes, with the funds requested the project's construction, and construction inspection would be fully funded. Preliminary engineering and right of way acquisition will be funded locally.

PLEASE ATTACH THE FOLLOWING TO THE COMPLETED TAP APPLICATION:

- **FY 2022-2026 TIP Project Request Form**
- **Cover letter signed by the highest elected local official as well as the highest financial officer of the LPA**
- **Project Map**
- **NEPA Approval Letter** (if applicable)
- **Letters of support** (if applicable)

I hereby certify that the information submitted as part of this application is accurate.

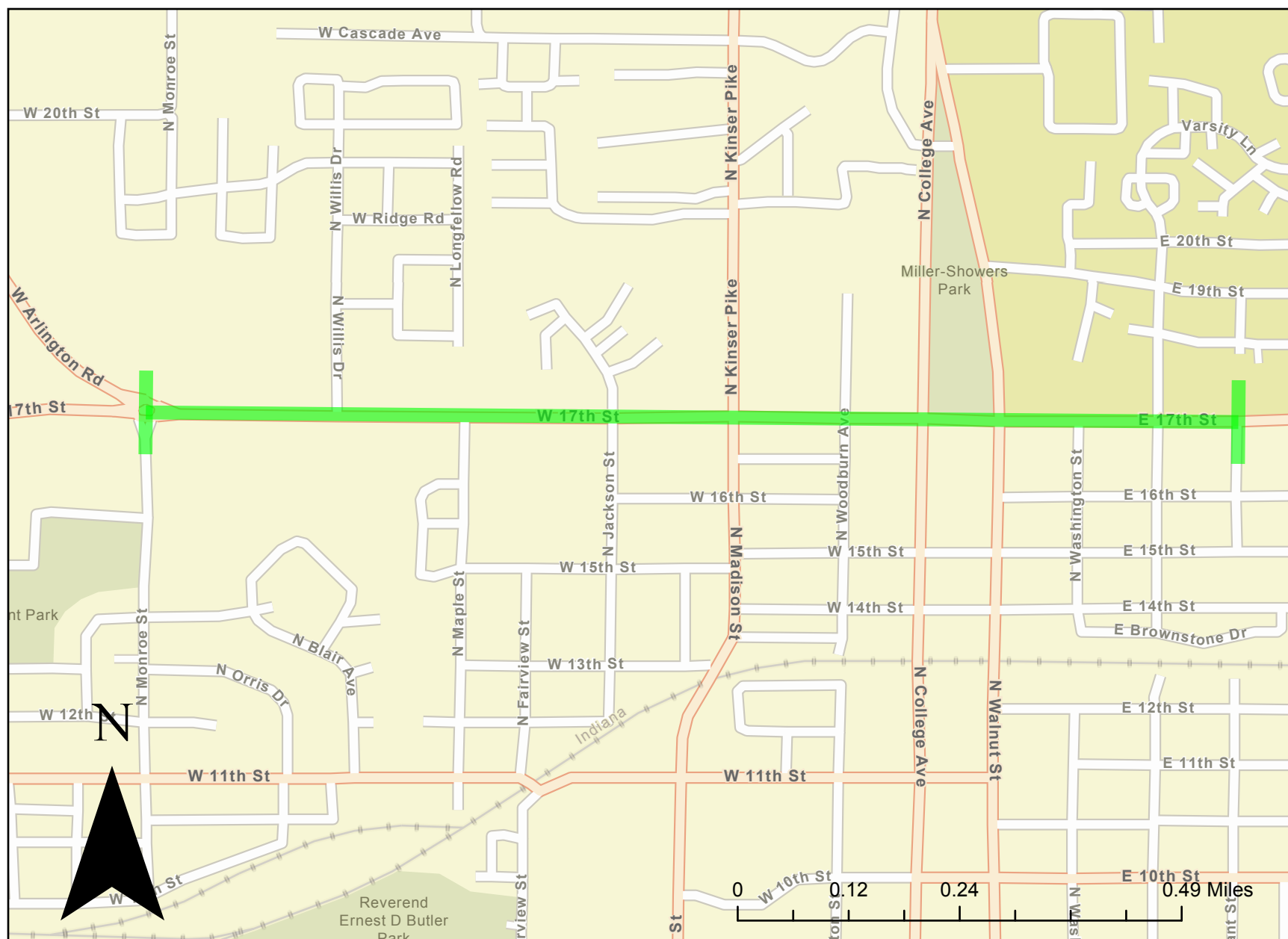
Signature

Neil Kopper

Date

4/30/2021

17th Street Multimodal Improvements





**City of Bloomington
Engineering Department**

April 29, 2021

B-Line Trail Connection

RE: Fiscal Year (FY) 2022-2026 Transportation Improvement Program (TIP) Call for Projects

Dear Mr. Martin:

The City of Bloomington is pleased to submit this funding application to utilize federal funding. This project will provide important connectivity between City and County trail networks while improving safety, accessibility, and mobility for all modes of transportation. All required project application forms are attached with this letter.

The project's preliminary engineering and right of way acquisition are already underway. The total construction and construction engineering project costs are estimated at \$2,025,000 and we are requesting STP and CARES federal funding in the amount of \$582,161 in FY 2023. Additional funding details are included within the attached application forms.

We are committed to completing the preliminary engineering and right of way phases for this project and pursuing a construction contract letting in FY 2023. Roy Aten will serve as the Employee in Responsible Charge (ERC) for the project and the main point of contact for any questions. The City of Bloomington appreciates your consideration for this highly valuable project.

Sincerely,


John Hamilton, Mayor

Jeffrey H.
Underwood, CPA

Digitally signed by Jeffrey H. Underwood, CPA
DN: cn=Jeffrey H. Underwood, CPA, o=City of
Bloomington, ou=Office of the Controller,
email=underwoj@bloomington.in.gov, c=US
Date: 2021.04.30 12:08:24 -04'00'

Jeff Underwood, Controller



FY 2022 - 2026 Transportation Improvement Program Project Request Form

(Please return form fully completed by April 30, 2021)

Mail: Bloomington - Monroe County MPO
401 N Morton Street, Suite 130
Bloomington, Indiana 47402
Email: clemensr@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): Roy Aten
Phone: 812-349-3423
Email: atenro@bloomington.in.gov

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 BCMPO Complete Streets Policy.

Roy Aten

04/29/2021

Employee in Responsible Charge (ERC)

Date

Section 3: Project Information

A. Project Name: B-Line Trail Connection

B. Is project already in the TIP?
☒ Yes ☐ No

C. DES # (if assigned): 1700735

D. Project Location (detailed description of project termini):

Project will connect the existing B-Line Trail terminus at Adams Street with the multiuse path on the 17th Street I-69 overpass. The project follows the railroad corridor from Adams Street to Fountain Drive, follows Fountain Drive from the railroad corridor to Crescent Road, and then follows Crescent Road from Fountain Drive to 17th Street.

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

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

BMCMPPO 2040 Metropolitan Transportation Plan – Goals include “Fund projects that encourage and educate the public about safe driving, biking, walking, and using transit,” “Promote projects that focus on improving safety for all,” and “Pursue possible funding opportunities to increase trail/path use and investment.”

BMCMPPO Complete Streets Policy – Goals include “To ensure that the safety and mobility of all users of the transportation system are accommodated....”

Bloomington Comprehensive Plan – Policies include “Prioritize safety and accessibility over capacity in transportation planning, design, construction, and maintenance decisions.”

Bloomington Transportation Plan – Project is specifically listed as part of the City’s high priority bicycle network.

BMCMPPO FY2020-2024 Transportation Improvement Program – Project is currently programmed for federal funding.

This project has also been the source of discussions between City of Bloomington and Monroe County officials regarding the need to improve connectivity between the trails systems of these two entities.

G. Allied Projects: B-Line Trail, 17th Street (I-69 overpass to Arlington/Monroe roundabout), 17th Street I-69 Overpass, Vernal Pike Multiuse Path, Karst Farm Trail/County Trail System.

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: October 13, 2022

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 2022 begins on July 1, 2021, and ends on June 30, 2022.

Phase	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Outlying Years
PE		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
	Local	\$	\$	\$	\$	\$	\$

RW	STP	\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CE	Local	\$	\$ 225,000	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CN	Local	\$	\$ 1,217,839	\$	\$	\$	\$
	STP	\$	\$ 242,110	\$	\$	\$	\$
	CARES	\$	\$ 340,051	\$	\$	\$	\$
	Totals:	\$	\$ 2,025,000	\$	\$	\$	\$

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 Information:

Attach to this application form the following information as required by the Complete Streets Policy. 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).
Project will connect the existing B-Line Trail terminus at Adams Street with the multiuse path on the 17th Street I-69 overpass. The project follows the railroad corridor from Adams Street to Fountain Drive (multiuse trail), follows Fountain Drive from the railroad corridor to Crescent Road (multiuse path), and then follows Crescent Road from Fountain Drive to 17th Street (multiuse path). Project also includes intersection modifications along the corridor to improve both safety and mobility, accessible transit stop improvements, sidewalk connections, and other improvements.
- 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.

Project will be constructed to improve safety and comfort for users of all ages and abilities, including efforts to reduce intersection corner radii and shorten crosswalk lengths. Project will comply with PROWAG, the City's adopted accessibility standards. Project will comply with all required environmental and historical regulations per the federal process. Project will have an appropriate maintenance of traffic plan to accommodate all users during construction.

- 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.).
Project seeks to improve safety, comfort, and accessibility for people using active transportation. Project will improve overall street capacity by providing transportation options and by updating two street intersections to better accommodate the dominant traffic movements.
- 4) Project Timeline – Identify anticipated timelines for consultant selection, public participation, design, right-of-way acquisition, construction period, and completion date.
Preliminary engineering is underway and nearly complete. Public participation was completed in 2019. Right of way acquisition is underway. Construction is expected in 2023.
- 5) Key Milestones – identify key milestones (approvals, permits, agreements, design status, etc.).
All permits will be applied for at the appropriate time in project development. Engineering is nearly completed. Public participation was completed in 2019. Right of way acquisition is expected to be completed in 2021. Construction is expected in 2023.
- 6) Project Cost – Identify any anticipated cost limitations, additional funding sources, project timing, and other important cost considerations not included in the table above.
Project is limited by amount of available MPO funding. Local match is expected to be significantly larger than 20%.
- 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.).
Project will be discussed at the MPO and the Bloomington Bicycle and Pedestrian Safety Commission. Those groups will receive updates about the project during development. Individual property owners adjacent to the project will be contacted after right of way impacts are determined. A public information meeting was held in 2019. Additional meetings or hearings may be necessary. Final details on public participation will be developed during the design phase. All comments and questions regarding the project will be considered and addressed as appropriate.
- 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.
INDOT, BMCMPPO, various City of Bloomington Departments, Bicycle and Pedestrian Safety Commission, adjacent neighborhood associations, adjacent property owners/tenants, and other interested parties.



**City of Bloomington
Engineering Department**

April 29, 2021

Crosswalk Improvements Project DES 1700976

RE: Fiscal Year (FY) 2022-2026 Transportation Improvement Program (TIP) Call for Projects

Dear Mr. Martin:

The City of Bloomington is pleased to submit this funding application to utilize Highway Safety Improvement Program (HSIP) funding. This project will install or improve pedestrian crosswalks throughout the City. This project qualifies for HSIP funding through its use of low-cost, systematic improvements including new pedestrian crosswalks, pedestrian curb ramps, and pedestrian refuge areas. Other required project application forms are attached with this letter.

This project supports the City's adopted accessibility guidelines (PROWAG) as well as the City's ADA Transition Plan. More specifically, this project will reduce the risk of crashes involving pedestrians crossing a street.

Preliminary engineering is already complete for the project. This project was unsuccessfully bid in FY2021. We believe that minor updates to the bid documents will yield a successful bid, and we believe that this important project deserves to reach construction. The total construction and construction engineering project costs are estimated at \$502,500 and we are requesting HSIP and Section 164 funding in the amount of \$351,255 in FY 2022. Additional funding details are included within the attached application forms.

With design already complete and right of way already cleared, we are committed to pursuing a construction contract letting in FY 2022. Neil Kopper will serve as the Employee in Responsible Charge (ERC) for the project and the main point of contact for any questions. The City of Bloomington appreciates your consideration for this highly valuable project.

Sincerely,


John Hamilton, Mayor

Jeffrey H.
Underwood,
CPA

Jeff Underwood, Controller

Digitally signed by Jeffrey H. Underwood,
CPA
DN: cn=Jeffrey H. Underwood, CPA,
o=City of Bloomington, ou=Office of the
Controller,
email=underwoj@bloomington.in.gov,
c=US
Date: 2021.04.30 11:41:12 -04'00'



FY 2022 - 2026 Transportation Improvement Program Project Request Form

(Please return form fully completed by April 30, 2021)

Mail: Bloomington - Monroe County MPO
401 N Morton Street, Suite 130
Bloomington, Indiana 47402

Email: clemensr@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):

Neil Kopper

Phone:

812-349-3423

Email:

koppern@bloomington.in.gov

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 BCMPO Complete Streets Policy.

Neil Kopper

4/30/2021

Employee in Responsible Charge (ERC)

Date

Section 3: Project Information

A. Project Name: Crosswalk Improvements Project

B. Is project already in the TIP?

☒ Yes ☐ No

C. DES # (if assigned): 1700976

D. Project Location (detailed description of project termini):

This project is expected to include improvements at numerous crosswalks located on streets maintained and operated by the 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

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

BMCMPPO 2040 Metropolitan Transportation Plan – Goals include “Promote projects that focus on improving safety for all.”

BMCMPPO Complete Streets Policy – Goals include “To ensure that the safety and mobility of all users of the transportation system are accommodated....”

Bloomington Comprehensive Plan – Policies include “Prioritize safety and accessibility over capacity in transportation planning, design, construction, and maintenance decisions.”

Bloomington Transportation Plan – “In order to improve walking conditions throughout the City, street design should prioritize the safety and comfort of pedestrians....”

BMCMPPO FY2020-2024 Transportation Improvement Program – Project previously programmed for federal funding.

G. **Allied Projects: Downtown Curb Ramps Project, Pedestrian Safety and Accessibility at Signalized Intersections, School Zone Enhancements Project**

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:** October 14, 2021

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 2022 begins on July 1, 2021, and ends on June 30, 2022.

Phase	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Outlying Years
PE		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
RW		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CE	Local	\$ 52,500	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CN	Local	\$98,745	\$	\$	\$	\$	\$
	HSIP	\$ 240,795	\$	\$	\$	\$	\$
	Sect 164	\$ 110,460	\$	\$	\$	\$	\$
	Totals:	\$ 502,500	\$	\$	\$	\$	\$

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 Information:

Attach to this application form the following information as required by the Complete Streets Policy. 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).

This project will install and enhance pedestrian crosswalks at up to 8 different intersections. Improvements include marked crosswalks, accessible curb ramps, warning signs, flashing beacons, median refuge islands, curb bulbouts, and traffic signal equipment improvements.

- 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.

Project will be designed and constructed to meet current accessibility requirements.

- 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.).

Project seeks to reduce crash risk for pedestrians by improving safety and accessibility of crosswalks.

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

Consultant selection, public participation, and design are complete. Minor design updates will be required before bidding project. Work takes place within existing right of way. Construction and completion are expected in 2022.

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

All applicable permits and approvals will be secured at appropriate times. Key milestones will include Stage 3 and Final Tracings submissions.

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

None.

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.).

Public involvement is currently expected to involve one meeting to discuss location and type of crosswalk improvements. This discussion may be scheduled to be a part of another public meeting for a relevant group such as the Bicycle and Pedestrian Safety Commission (BPSC).

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.

Project may receive input from city staff, MPO TAC, MPO CAC, BPSC, and the general public.

Highway Safety Improvement Program

Low Cost Systemic LPA Project Eligibility Request

SPONSOR

Date	Apr 30, 2021	Submitted by	BMCMPO
Local Public Agency	City of Bloomington		
Official Signatory	Andrew Cibor		
Office Title	City Engineer		
Project Contact	Neil Kopper		
Telephone	812-349-3913	Email	koppern@bloomington.in.gov

PROJECT

Request	Existing Project	Des No. of existing project	1700976
Road Name	Various City Maintained Streets		
Improvement Type	05 Install new pedestrian crosswalk warning signs, flashing beacons, special pavem		

SIGN UPGRADE PROJECT QUESTION

If improvement selected above is a sign retroreflectivity upgrade project, also indicate the following:

Sign Inventory	
----------------	--

☐ If installing signs at formerly unsigned locations? (Select if yes)

LOCATION DESCRIPTION

Include start and end points of corridor or number of locations in area. (attach project map) list all that apply:

County
Township
City/Town

The project includes improvements at numerous crosswalks on streets maintained and operated by the City of Bloomington.
County = Monroe County
Townships = Bloomington and Perry
City = City of Bloomington

SCHEDULE AND FUNDING

<input checked="" type="radio"/> If LPA is to contribute more than 10% match	Local Contribution Amount	269,745
--	---------------------------	---------

Existing project funding type	No existing project
-------------------------------	---------------------

P/E	118,500	Est. Start Date	Jan 1, 2019
-----	---------	-----------------	-------------

Land Acquisition		Est. Start Date	
------------------	--	-----------------	--

Construction	450,000	Est. Start Date	Oct 1, 2021
--------------	---------	-----------------	-------------

Construction Eng.	52,500
-------------------	--------

Total	621,000
-------	---------

PROJECT INTENT (required)

Provide a short description of the safety improvements to be achieved. Attach a map or aerial photos depicting the proposed project limits.

This project will install and enhance pedestrian crosswalks. Improvements include marked crosswalks, accessible curb ramps, warning signs, flashing beacons, median refuge islands, curb bulbouts, and traffic signal equipment upgrades. All work will comply with PROWAG, the City's adopted accessibility guidelines.

New crosswalks are frequently requested throughout the City. During evaluation of these potential new crosswalks, staff frequently determines that a location warrants additional improvements beyond simple pavement markings. This project will evaluate existing and desired crosswalks and construct improvements at the highest priority locations. Priority for improvements will be determined based on an evaluation of existing conditions as well as requests from Bloomingtonians. The primary objective of this project is to reduce the risk of crashes involving pedestrians crossing a street.

Special Rule Narrative (attach additional pages if needed)

Provide a detailed narrative to explain that the location experiences a higher than normal frequency, rate, and/or risk of fatal and incapacitating injury events (severe crashes); and how the proposed project will reduce severe crashes.

Crashes involving pedestrians are more likely to result in a fatality or incapacitating injury than crashes involving only motor vehicles. Pedestrian crashes are also much more likely to occur at locations where pedestrians cross the street and interact with vehicular traffic.

Documented crash reduction factors indicate numerous tools that can be used to decrease crash risk for pedestrians crossing a street. As an example, installation of pedestrian refuge islands has been shown to result in a 56% reduction in crashes involving pedestrians. There is also widespread documentation on the effect of motor vehicle speeds on crash severities. Research indicates that the likelihood of a pedestrian surviving a crash with a motor vehicle traveling at 40mph is only 10%, while the likelihood of surviving a crash with a motor vehicle traveling at 20mph is 90%. These improvements would aim to increase visibility of pedestrians, reduce high-risk motor vehicle speeding, and reduce the risk of crashes involving pedestrians that could result in fatalities or incapacitating injuries.



**City of Bloomington
Engineering Department**

April 29, 2021

Crosswalk Safety Improvements Project

RE: Fiscal Year (FY) 2022-2026 Transportation Improvement Program (TIP) Call for Projects

Dear Mr. Martin:

The City of Bloomington is pleased to submit this funding application to utilize Highway Safety Improvement Program (HSIP) funding. This project will install or improve pedestrian crosswalks throughout the City. This project qualifies for HSIP funding through its use of low-cost, systematic improvements including new pedestrian crosswalks, pedestrian curb ramps, and pedestrian refuge areas. Other required project application forms are attached with this letter.

This project supports the City's adopted accessibility guidelines (PROWAG) as well as the City's ADA Transition Plan. More specifically, this project will reduce the risk of crashes involving pedestrians crossing a street.

Preliminary engineering fees are estimated at \$100,000 and we are requesting \$70,571 FY2023 Section 164 funding. The total construction and construction engineering project costs are estimated at \$604,000 and we are requesting HSIP and Section 164 funding in the amount of \$541,255 in FY 2025. No right of way acquisition is anticipated. Additional funding details are included within the attached application forms.

We are committed to completing the preliminary engineering and right of way phases for this project and pursuing a construction contract letting in FY 2025. Neil Kopper will serve as the Employee in Responsible Charge (ERC) for the project and the main point of contact for any questions. The City of Bloomington appreciates your consideration for this highly valuable project.

Sincerely,


John Hamilton, Mayor

Jeffrey H.
Underwood, CPA

Digitally signed by Jeffrey H. Underwood,
CPA
DN: cn=Jeffrey H. Underwood, CPA, o=City of
Bloomington, ou=Office of the Controller,
email=underwoj@bloomington.in.gov, c=US
Date: 2021.04.30 11:43:49 -04'00'

Jeff Underwood, Controller



FY 2022 - 2026 Transportation Improvement Program Project Request Form

(Please return form fully completed by April 30, 2021)

Mail: Bloomington - Monroe County MPO
401 N Morton Street, Suite 130
Bloomington, Indiana 47402

Email: clemensr@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):

Neil Kopper

Phone:

812-349-3423

Email:

koppern@bloomington.in.gov

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.

Neil Kopper

4/30/2021

Employee in Responsible Charge (ERC)

Date

Section 3: Project Information

A. Project Name: Crosswalk Safety Improvements Project

B. Is project already in the TIP?

☐ Yes ☒ No

C. DES # (if assigned):

D. Project Location (detailed description of project termini):

This project is expected to include improvements at numerous crosswalks located on streets maintained and operated by the 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

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

BMCMPO 2040 Metropolitan Transportation Plan – Goals include “Promote projects that focus on improving safety for all.”

BMCMPO Complete Streets Policy – Goals include “To ensure that the safety and mobility of all users of the transportation system are accommodated....”

Bloomington Comprehensive Plan – Policies include “Prioritize safety and accessibility over capacity in transportation planning, design, construction, and maintenance decisions.”

Bloomington Transportation Plan – “In order to improve walking conditions throughout the City, street design should prioritize the safety and comfort of pedestrians....”

G. **Allied Projects: Downtown Curb Ramps Projects, Pedestrian Safety and Accessibility at Signalized Intersections, School Zone Enhancements Project, Crosswalk Improvement Project**

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: October 9, 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 BMCMPO policy. All CN phases must include an appropriate amount of funding for construction inspection in addition to project construction costs.

Note: Fiscal Year 2022 begins on July 1, 2021 and ends on June 30, 2022.

Phase	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Outlying Years
PE	Local	\$	\$ 29,429	\$	\$	\$	\$
	Sec 164	\$	\$ 70,571	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
RW		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CE	Local	\$	\$	\$	\$ 7,745	\$	\$
	HSIP	\$	\$	\$	\$ 66,255	\$	\$
		\$	\$	\$	\$	\$	\$
CN	Local	\$	\$	\$	\$ 55,000	\$	\$
	HSIP	\$	\$	\$	\$ 364,540	\$	\$
	Sec 164	\$	\$	\$	\$ 110,460	\$	\$
Totals:		\$	\$ 100,000	\$	\$ 604,000	\$	\$

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 Information:

Attach to this application form the following information as required by the Complete Streets Policy. 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).

This project will install or enhance pedestrian crosswalks. Improvements may include marked crosswalks, accessible curb ramps, warning signs, flashing beacons, median refuge islands, curb bulbouts, raised crosswalks, signal equipment upgrades, and other features. Project locations will be prioritized to focus on areas with low accessibility compliance and high crash risk.

- 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.

Project will be designed and constructed to meet current accessibility requirements.

- 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.).

Project seeks to reduce crash risk for pedestrians by improving safety and accessibility of crosswalks.

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

Consultant selection, public participation, and design expected to begin in late 2022. Work is expected to take place within existing right of way. Construction and completion are expected in 2025.

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

All applicable permits and approvals will be secured at appropriate times. Key milestones will include Stage 3 and Final Tracings submissions.

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

None.

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.).

Public involvement is currently expected to involve one meeting to discuss location and type of crosswalk improvements. This discussion may be scheduled to be a part of another public meeting for a relevant group such as the Bicycle and Pedestrian Safety Commission (BPSC).

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.

Project may receive input from city staff, MPO TAC, MPO CAC, CCA, BPSC, and the general public.

Highway Safety Improvement Program

Low Cost Systemic LPA Project Eligibility Request

SPONSOR

Date	Apr 30, 2021	Submitted by	BMCMPPO
Local Public Agency	City of Bloomington		
Official Signatory	Andrew Cibor		
Office Title	City Engineer		
Project Contact	Neil Kopper		
Telephone	812-349-3913	Email	koppern@bloomington.in.gov

PROJECT

Request	New Project	Des No. of existing project	
Road Name	Various City Maintained Streets		
Improvement Type	05 Install new pedestrian crosswalk warning signs, flashing beacons, special pavem		

SIGN UPGRADE PROJECT QUESTION

If improvement selected above is a sign retroreflectivity upgrade project, also indicate the following:

Sign Inventory	
----------------	--

☐ If installing signs at formerly unsigned locations? (Select if yes)

LOCATION DESCRIPTION

Include start and end points of corridor or number of locations in area. (attach project map) list all that apply:

County
Township
City/Town

The project is expected to include improvements at numerous crosswalks on streets maintained and operated by the City of Bloomington.
County = Monroe County
Townships = Bloomington and Perry
City = City of Bloomington

SCHEDULE AND FUNDING

<input checked="" type="radio"/> If LPA is to contribute more than 10% match	Local Contribution Amount	92,174
--	---------------------------	--------

Existing project funding type	No existing project
-------------------------------	---------------------

P/E	100,000	Est. Start Date	Oct 1, 2022
-----	---------	-----------------	-------------

Land Acquisition		Est. Start Date	
------------------	--	-----------------	--

Construction	530,000	Est. Start Date	Oct 1, 2024
--------------	---------	-----------------	-------------

Construction Eng.	74,000
-------------------	--------

Total	719,000
-------	---------

PROJECT INTENT (required)

Provide a short description of the safety improvements to be achieved. Attach a map or aerial photos depicting the proposed project limits.

This project will install or enhance pedestrian crosswalks. Improvements may include marked crosswalks, accessible curb ramps, warning signs, flashing beacons, median refuge islands, curb bulbouts, raised crosswalks, signal equipment upgrades, and other features. All work will comply with PROWAG, the City's adopted accessibility guidelines.

New crosswalks are frequently requested throughout the City. During evaluation of these potential new crosswalks, staff frequently determines that a location warrants additional improvements beyond simple pavement markings. This project will evaluate existing and desired crosswalks and construct improvements at the highest priority locations. Priority for improvements will be determined based on an evaluation of existing conditions as well as requests from Bloomingtonians. The primary objective of this project is to reduce the risk of crashes involving pedestrians crossing a street.

Special Rule Narrative (attach additional pages if needed)

Provide a detailed narrative to explain that the location experiences a higher than normal frequency, rate, and/or risk of fatal and incapacitating injury events (severe crashes); and how the proposed project will reduce severe crashes.

Crashes involving pedestrians are more likely to result in a fatality or incapacitating injury than crashes involving only motor vehicles. Pedestrian crashes are also much more likely to occur at locations where pedestrians cross the street and interact with vehicular traffic.

Documented crash reduction factors indicate numerous tools that can be used to decrease crash risk for pedestrians crossing a street. As an example, installation of pedestrian refuge islands has been shown to result in a 56% reduction in crashes involving pedestrians. There is also widespread documentation on the effect of motor vehicle speeds on crash severities. Research indicates that the likelihood of a pedestrian surviving a crash with a motor vehicle traveling at 40mph is only 10%, while the likelihood of surviving a crash with a motor vehicle traveling at 20mph is 90%. These improvements would aim to increase visibility of pedestrians, reduce high-risk motor vehicle speeding, and reduce the risk of crashes involving pedestrians that could result in fatalities or incapacitating injuries.



**City of Bloomington
Engineering Department**

April 29, 2021

Downtown Curb Ramps Phase III

RE: Fiscal Year (FY) 2022-2026 Transportation Improvement Program (TIP) Call for Projects

Dear Mr. Martin:

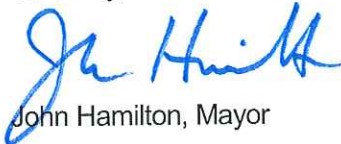
The City of Bloomington is pleased to submit this funding application to utilize Highway Safety Improvement Program (HSIP) funding. This project will install or improve pedestrian curb ramps throughout the City. This project qualifies for HSIP funding through its use of low-cost, systematic improvements including new pedestrian curb ramps and refuge areas at areas of high conflict between pedestrians and vehicular traffic. Other required project application forms are attached with this letter.

This project supports the City's adopted accessibility guidelines (PROWAG) as well as the City's ADA Transition Plan. More specifically, this project will reduce the risk of crashes involving pedestrians crossing a street.

Preliminary engineering for the project is already underway and utilizes FY2021 HSIP funding. The total construction and construction engineering project costs are estimated at \$522,983, and we are requesting HSIP and Section 164 funding in the amount of \$470,684 in FY 2023. No right of way acquisition is anticipated. Additional funding details are included within the attached application forms.

We are committed to completing the preliminary engineering and right of way phases for this project and pursuing a construction contract letting in FY 2023. Patrick Dierkes will serve as the Employee in Responsible Charge (ERC) for the project and the main point of contact for any questions. The City of Bloomington appreciates your consideration for this highly valuable project.

Sincerely,


John Hamilton, Mayor

Jeffrey H.
Underwood, CPA

Digitally signed by Jeffrey H. Underwood, CPA
DN: cn=Jeffrey H. Underwood, CPA, o=City of
Bloomington, ou=Office of the Controller,
email=underwoj@bloomington.in.gov, c=US
Date: 2021.04.30 11:46:31 -0400

Jeff Underwood, Controller



FY 2022 - 2026 Transportation Improvement Program Project Request Form

(Please return form fully completed by April 30, 2021)

Mail: Bloomington - Monroe County MPO
401 N Morton Street, Suite 130
Bloomington, Indiana 47402

Email: clemensr@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):

Phone:

Email:

Patrick Dierkes

812-318-2507

patrick.dierkes@bloomington.in.gov

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 BCMPO Complete Streets Policy.

Employee in Responsible Charge (ERC)

4/29/2021

Date

Section 3: Project Information

A. Project Name: Downtown Curb Ramps Phase 3

B. Is project already in the TIP?



Yes



No

C. DES # (if assigned): 1900403

D. Project Location (detailed description of project termini): Numerous locations in and near downtown Bloomington that require accessible curb ramps.

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

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

BMCMPPO 2040 Metropolitan Transportation Plan – Goals include “Use local Americans with Disabilities Act (ADA) Transition Plans to identify deficiencies and implement projects that ensure and promote integration of ADA components into the transportation system.”

BMCMPPO Complete Streets Policy – Goals include “To ensure that the safety and mobility of all users of the transportation system are accommodated....”

Bloomington Comprehensive Plan – Policies include “Prioritize safety and accessibility over capacity in transportation planning, design, construction, and maintenance decisions.”

BMCMPPO FY2020-2024 Transportation Improvement Program – Project is currently programmed for federal funding.

G. **Allied Projects: Downtown Curb Ramps Phase 1, Downtown Curb Ramps Phase 2**

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:** October 13, 2022

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 2022 begins on July 1, 2021 and ends on June 30, 2022.

Phase	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Outlying Years
PE	HSIP	\$	\$	\$	\$	\$	\$
	Local	\$	\$	\$	\$	\$	\$
RW		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CE	HSIP	\$	\$ 61,393	\$	\$	\$	\$
	Local	\$	\$ 6,822	\$	\$	\$	\$
CN	HSIP	\$	\$ 369,402	\$	\$	\$	\$
	Sect 164	\$	\$ 39,889	\$	\$	\$	\$
	Local	\$	\$ 45,477	\$	\$	\$	\$
	Totals:	\$	\$ 522,983	\$	\$	\$	\$

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 Information:

Attach to this application form the following information as required by the Complete Streets Policy. 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).

Project will modify or reconstruct curb ramps in the downtown Bloomington area to meet current accessibility guidelines. Work may include curb bumpouts, accessible connections to transit stops, or other modifications based on site specific context. Work will take place in and around the downtown area and locations will be prioritized to focus on locations with low accessibility compliance and high levels of interaction between pedestrians and motor vehicles.

- 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.

Project will be designed and constructed to meet current accessibility requirements.

- 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.).

Project seeks to reduce crash risk for pedestrians by ensuring accessible transitions between the sidewalk and the street at crosswalk locations.

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

Consultant selection, public participation, and design began in 2021. Work is expected to take place within existing right of way. Construction and completion are expected in 2023.

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

Minimal permits and approvals are anticipated for this project. Key milestones will include Stage 3 and Final Tracings submissions.

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

None.

- 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.).

This project is primarily a maintenance effort to bring curb ramps into compliance with accessibility requirements. Public involvement is currently expected to involve one meeting and focus on prioritization of curb ramp locations. This discussion may be scheduled to be a part of another public meeting for a relevant group such as the Council for Community Accessibility (CCA) or the Bicycle and Pedestrian Safety Commission (BPSC).

- 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.

Project may receive input from city staff, MPO TAC, MPO CAC, CCA, BPSC, and the general public.

Highway Safety Improvement Program

Low Cost Systemic LPA Project Eligibility Request

SPONSOR

Date	Apr 29, 2021	Submitted by	BMCMPPO
Local Public Agency	City of Bloomington		
Official Signatory	Andrew Cibor		
Office Title	City Engineer		
Project Contact	Patrick Dierkes		
Telephone	812-3182507	Email	patrick.dierkes@bloomington.in.gov

PROJECT

Request	Existing Project	Des No. of existing project	1900403
Road Name	Various City Maintained Streets		
Improvement Type	06 Install or upgrade pedestrian curb ramps and refuge areas at areas of high conflict		

SIGN UPGRADE PROJECT QUESTION

If improvement selected above is a sign retroreflectivity upgrade project, also indicate the following:

Sign Inventory	
----------------	--

☐ If installing signs at formerly unsigned locations? (Select if yes)

LOCATION DESCRIPTION

Include start and end points of corridor or number of locations in area. (attach project map) list all that apply:

County
Township
City/Town

Numerous locations in and near downtown Bloomington that require accessible curb ramps.
County = Monroe County
Townships = Bloomington and Perry
City = City of Bloomington

SCHEDULE AND FUNDING

<input checked="" type="radio"/> If LPA is to contribute more than 10% match	Local Contribution Amount	61,741
--	---------------------------	--------

Existing project funding type	No existing project
-------------------------------	---------------------

P/E	91,300	Est. Start Date	May 3, 2021
-----	--------	-----------------	-------------

Land Acquisition	0	Est. Start Date	
------------------	---	-----------------	--

Construction	454,768	Est. Start Date	Oct 13, 2022
--------------	---------	-----------------	--------------

Construction Eng.	68,215
-------------------	--------

Total	614,283
-------	---------

PROJECT INTENT (required)

Provide a short description of the safety improvements to be achieved. Attach a map or aerial photos depicting the proposed project limits.

Project will modify or reconstruct curb ramps in the downtown Bloomington area to meet current accessibility guidelines. Work may include curb bumpouts, accessible connections to transit stops, or other modifications based on site specific context. Work will take place in and around the downtown area and locations will be prioritized to focus on locations with low accessibility compliance and high levels of interaction between pedestrians and motor vehicles. These improvements will reduce the exposure of vulnerable road users and target the Indiana Strategic Highway Safety Program emphasis area #6 - Pedestrian Involved Crashes.

Special Rule Narrative (attach additional pages if needed)

Provide a detailed narrative to explain that the location experiences a higher than normal frequency, rate, and/or risk of fatal and incapacitating injury events (severe crashes); and how the proposed project will reduce severe crashes.

Crashes involving pedestrians are more likely to result in a fatality or incapacitating injury than crashes involving only motor vehicles. Pedestrian crashes are also much more likely to occur at locations where pedestrians cross the street and interact with vehicular traffic. Furthermore, the area in and around downtown Bloomington experiences by far the highest levels of activity by pedestrians in general and specifically pedestrians with disabilities.

Curb ramps which are compliant with current standards greatly enhance the safety of disabled users of the roadway including those with mobility disabilities and those with limited vision. Effective curb ramps minimize pedestrian exposure by reducing the time spent transitioning between the crosswalk and the sidewalk. In addition, detectable warning elements provide strong visual distinction for both motorists and pedestrians of all ability levels and assist in maintaining separation between these modes.



**City of Bloomington
Engineering Department**

April 29, 2021

Downtown Curb Ramps Phase IV

RE: Fiscal Year (FY) 2022-2026 Transportation Improvement Program (TIP) Call for Projects

Dear Mr. Martin:

The City of Bloomington is pleased to submit this funding application to utilize Highway Safety Improvement Program (HSIP) funding. This project will install or improve pedestrian curb ramps in and near downtown Bloomington. This project qualifies for HSIP funding through its use of low-cost, systematic improvements including new pedestrian curb ramps and refuge areas at areas of high conflict between pedestrians and vehicular traffic. Other required project application forms are attached with this letter.

This project supports the City's adopted accessibility guidelines (PROWAG) as well as the City's ADA Transition Plan. More specifically, this project will reduce the risk of crashes involving pedestrians crossing a street.

Preliminary engineering fees are estimated at \$115,000 and we are requesting \$110,460 FY2024 Section 164 funding. The total construction and construction engineering project costs are estimated at \$604,000 and we are requesting HSIP and Section 164 funding in the amount of \$541,255 in FY 2026. No right of way acquisition is anticipated. Additional funding details are included within the attached application forms.

We are committed to completing the preliminary engineering and right of way phases for this project and pursuing a construction contract letting in FY 2026. Patrick Dierkes will serve as the Employee in Responsible Charge (ERC) for the project and the main point of contact for any questions. The City of Bloomington appreciates your consideration for this highly valuable project.

Sincerely,

John Hamilton, Mayor

Jeffrey H.
Underwood, CPA

Jeff Underwood, Controller

Digitally signed by Jeffrey H. Underwood, CPA
DN: cn=Jeffrey H. Underwood, CPA, o=City of
Bloomington, ou=Office of the Controller,
email=underwoj@bloomington.in.gov, c=US
Date: 2021.04.30 11:45:42 -04'00'



FY 2022 - 2026 Transportation Improvement Program Project Request Form

(Please return form fully completed by April 30, 2021)

Mail: Bloomington - Monroe County MPO
401 N Morton Street, Suite 130
Bloomington, Indiana 47402

Email: clemensr@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):

Phone:

Email:

Patrick Dierkes

812-318-2507

patrick.dierkes@bloomington.in.gov

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 BCMCMPO Complete Streets Policy.

A handwritten signature in black ink, appearing to read "Patrick Dierkes", written over a horizontal line.

Employee in Responsible Charge (ERC)

4/29/2021

Date

Section 3: Project Information

A. Project Name: Downtown Curb Ramps Phase 4

B. Is project already in the TIP?

☐ Yes ☒ No

C. DES # (if assigned):

D. Project Location (detailed description of project termini): Numerous locations in and near downtown Bloomington that require accessible curb ramps.

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

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

BMCMPPO 2040 Metropolitan Transportation Plan – Goals include “Use local Americans with Disabilities Act (ADA) Transition Plans to identify deficiencies and implement projects that ensure and promote integration of ADA components into the transportation system.”

BMCMPPO Complete Streets Policy – Goals include “To ensure that the safety and mobility of all users of the transportation system are accommodated....”

Bloomington Comprehensive Plan – Policies include “Prioritize safety and accessibility over capacity in transportation planning, design, construction, and maintenance decisions.”

Bloomington Transportation Plan – Prioritizes “building pedestrian ... infrastructure that is accessible to all users....”

G. Allied Projects: Downtown Curb Ramps Phase 1, Downtown Curb Ramps Phase 2, Downtown Curb Ramps Phase 3.

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:** October 8, 2025

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 2022 begins on July 1, 2021 and ends on June 30, 2022.

Phase	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Outlying Years
PE	S164	\$	\$	\$ 110,460	\$	\$	\$
	Local	\$	\$	\$ 4,540	\$	\$	\$
RW		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CE	HSIP	\$	\$	\$	\$	\$ 66,255	\$
	Local	\$	\$	\$	\$	\$ 7,745	\$
CN	HSIP	\$	\$	\$	\$	\$ 364,540	\$
	Sec. 164	\$	\$	\$	\$	\$ 110,460	\$
	Local	\$	\$	\$	\$	\$ 55,000	\$
Totals:		\$	\$	\$ 115,000	\$	\$604,000	\$

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 Information:

Attach to this application form the following information as required by the Complete Streets Policy. 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).

Project will modify or reconstruct curb ramps in the downtown Bloomington area to meet current accessibility guidelines. Work may include curb bumpouts, accessible connections to transit stops, or other modifications based on site specific context. Work will take place in and around the downtown area and locations will be prioritized to focus on locations with low accessibility compliance and high levels of interaction between pedestrians and motor vehicles.

- 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.

Project will be designed and constructed to meet current accessibility requirements.

- 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.).

Project seeks to reduce crash risk for pedestrians by ensuring accessible transitions between the sidewalk and the street at crosswalk locations.

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

Consultant selection will begin in late 2023. Public participation and design will be in 2024 and 2025. Work is expected to take place within existing right of way. Construction and completion are expected in 2026.

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

Minimal permits and approvals are anticipated for this project. Key milestones will include Stage 3 and Final Tracings submissions.

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

None.

- 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.).

This project is primarily a maintenance effort to bring curb ramps into compliance with accessibility requirements. Public involvement is currently expected to involve one meeting and focus on prioritization of curb ramp locations. This discussion may be scheduled to be a part of another public meeting for a relevant group such as the Council for Community Accessibility (CCA) or the Bicycle and Pedestrian Safety Commission (BPSC).

- 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.

Project may receive input from city staff, MPO TAC, MPO CAC, CCA, BPSC, and the general public.

Highway Safety Improvement Program

Low Cost Systemic LPA Project Eligibility Request

SPONSOR

Date	Apr 29, 2021	Submitted by	BMCMPPO
Local Public Agency	City of Bloomington		
Official Signatory	Andrew Cibor		
Office Title	City Engineer		
Project Contact	Patrick Dierkes		
Telephone	812-318-2507	Email	patrick.dierkes@bloomington.in.gov

PROJECT

Request	New Project	Des No. of existing project	
Road Name	Various City Maintained Streets		
Improvement Type	06 Install or upgrade pedestrian curb ramps and refuge areas at areas of high conflict		

SIGN UPGRADE PROJECT QUESTION

If improvement selected above is a sign retroreflectivity upgrade project, also indicate the following:

Sign Inventory	
----------------	--

☐ If installing signs at formerly unsigned locations? (Select if yes)

LOCATION DESCRIPTION

Include start and end points of corridor or number of locations in area. (attach project map) list all that apply:

County
Township
City/Town

Numerous locations in and near downtown Bloomington that require accessible curb ramps.
County = Monroe County
Townships = Bloomington and Perry
City = City of Bloomington

SCHEDULE AND FUNDING

<input checked="" type="radio"/> If LPA is to contribute more than 10% match	Local Contribution Amount	67,285
--	---------------------------	--------

Existing project funding type	No existing project
-------------------------------	---------------------

P/E	11,500	Est. Start Date	Oct 2, 2023
-----	--------	-----------------	-------------

Land Acquisition	0	Est. Start Date	
------------------	---	-----------------	--

Construction	530,000	Est. Start Date	Oct 1, 2025
--------------	---------	-----------------	-------------

Construction Eng.	74,000
-------------------	--------

Total	719,000
-------	---------

PROJECT INTENT (required)

Provide a short description of the safety improvements to be achieved. Attach a map or aerial photos depicting the proposed project limits.

Project will modify or reconstruct curb ramps in the downtown Bloomington area to meet current accessibility guidelines. Work may include curb bumpouts, accessible connections to transit stops, or other modifications based on site specific context. Work will take place in and around the downtown area and locations will be prioritized to focus on locations with low accessibility compliance and high levels of interaction between pedestrians and motor vehicles. These improvements will reduce the exposure of vulnerable road users and target the Indiana Strategic Highway Safety Program emphasis area #6 - Pedestrian Involved Crashes.

Special Rule Narrative (attach additional pages if needed)

Provide a detailed narrative to explain that the location experiences a higher than normal frequency, rate, and/or risk of fatal and incapacitating injury events (severe crashes); and how the proposed project will reduce severe crashes.

Crashes involving pedestrians are more likely to result in a fatality or incapacitating injury than crashes involving only motor vehicles. Pedestrian crashes are also much more likely to occur at locations where pedestrians cross the street and interact with vehicular traffic. Furthermore, the area in and around downtown Bloomington experiences by far the highest levels of activity by pedestrians in general and specifically pedestrians with disabilities.

Curb ramps which are compliant with current standards greatly enhance the safety of disabled users of the roadway including those with mobility disabilities and those with limited vision. Effective curb ramps minimize pedestrian exposure by reducing the time spent transitioning between the crosswalk and the sidewalk. In addition, detectable warning elements provide strong visual distinction for both motorists and pedestrians of all ability levels and assist in maintaining separation between these modes.



**City of Bloomington
Engineering Department**

April 29, 2021

Guardrail Improvement Project

RE: Fiscal Year (FY) 2022-2026 Transportation Improvement Program (TIP) Call for Projects

Dear Mr. Martin:

The City of Bloomington is pleased to submit this funding application to utilize Highway Safety Improvement Program (HSIP) funding. This project will improve guardrail throughout the City. This project qualifies for HSIP funding through its use of low-cost, systematic improvements including upgrading guardrail end treatments to current standards. Other required project application forms are attached with this letter.

Preliminary engineering is already underway and will be completed using local funding. The project will not require right of way acquisition. The total construction and construction engineering project costs are estimated at \$245,000 and we are requesting HSIP funding in the amount of \$190,000 in FY 2022. Additional funding details are included within the attached application forms.

We are committed to completing the preliminary engineering and right of way phases for this project and pursuing a construction contract letting in FY 2022. Patrick Dierkes will serve as the Employee in Responsible Charge (ERC) for the project and the main point of contact for any questions. The City of Bloomington appreciates your consideration for this highly valuable project.

Sincerely,


John Hamilton, Mayor

Jeffrey H.
Underwood, CPA

Digitally signed by Jeffrey H. Underwood, CPA
DN: cn=Jeffrey H. Underwood, CPA, o=City of
Bloomington, ou=Office of the Controller,
email=underwoj@bloomington.in.gov, c=US
Date: 2021.04.30 12:10:14 -0400

Jeff Underwood, Controller



FY 2022 - 2026 Transportation Improvement Program Project Request Form

(Please return form fully completed by April 30, 2021)

Mail: Bloomington - Monroe County MPO
401 N Morton Street, Suite 130
Bloomington, Indiana 47402

Email: clemensr@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):

Phone:

Email:

Patrick Dierkes

812-318-2507

patrick.dierkes@bloomington.in.gov

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 BCMPO Complete Streets Policy.

Employee in Responsible Charge (ERC)

4/29/2021

Date

Section 3: Project Information

A. Project Name: Guardrail Improvement Project

B. Is project already in the TIP?

☒ Yes ☐ No

C. DES # (if assigned): 1900404

D. Project Location (detailed description of project termini): Numerous locations throughout the City of Bloomington that require guardrail replacement.

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

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

BMCMPPO 2040 Metropolitan Transportation Plan – Goals include “Improve the safety of the transportation system for all modes and all users” and “Directly focus on maintaining existing transportation facilities before building new ones.” Action items include “low-cost capital improvements for the preservation of safety and roadway capacity through intersection signalization, improved signage, pavement markings, and guardrail improvements....”

BMCMPPO Complete Streets Policy – Goals include “To ensure that the safety and mobility of all users of the transportation system are accommodated....”

Bloomington Comprehensive Plan – Policies include “Prioritize safety and accessibility over capacity in transportation planning, design, construction, and maintenance decisions.”

BMCMPPO FY2020-2024 Transportation Improvement Program – Project is currently programmed for federal funding.

G. **Allied Projects: 2019 Guardrail Assessment Project (Locally funded)**

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:** October 14, 2021

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 2022 begins on July 1, 2021, and ends on June 30, 2022.

Phase	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Outlying Years
PE		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
RW		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CE	Local	\$30,000	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CN	HSIP	\$ 190,000	\$	\$	\$	\$	\$
	Local	\$ 25,000	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
	Totals:	\$ 245,000	\$	\$	\$	\$	\$

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 Information:

Attach to this application form the following information as required by the Complete Streets Policy. 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).

Project will utilize a guardrail assessment completed in 2019 to prioritize areas for improvement. Work will focus on upgrading guardrail end treatments to meet current standards, but replacing guardrail runs will also be necessary. In most instances, this project will be primarily focused on motor vehicle, freight, and transit vehicle safety. However, the project will ensure compliance with the complete streets policy by not adding guardrail in any location or manner that would prevent safe and comfortable use of the right of way by any mode of transportation. The project will also ensure that accommodations are maintained for all modes of transportation during construction operations.

- 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.

Project will be designed and constructed to meet current requirements for guardrails.

- 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.).

Project seeks to reduce crash severity by improving/installing guardrails.

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

Consultant selection, public participation, and design expected to begin in 2020. Work is expected to take place within existing right of way. Construction and completion are expected in 2022.

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

Minimal permits and approvals are anticipated for this project. Key milestones will include Stage 3 and Final Tracings submissions.

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

None.

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.).

This project is primarily a maintenance effort to bring existing guardrails into compliance with current regulations. Public input may not be particularly influential for this project. However, unless granted approval by the MPO to waive this requirement, the City anticipates hosting one public meeting to discuss the project and stay in compliance with the complete streets policy. The public meeting for this project may be combined with another public meeting to improve efficiency.

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.

Project is expected to receive input from city staff, MPO TAC, MPO CAC, neighborhood associations, and the general public.

Highway Safety Improvement Program

Low Cost Systemic LPA Project Eligibility Request

SPONSOR

Date	Apr 29, 2021	Submitted by	BMCMPPO
Local Public Agency	City of Bloomington		
Official Signatory	Andrew Cibor		
Office Title	City Engineer		
Project Contact	Patrick Dierkes		
Telephone	812-318-2507	Email	patrick.dierkes@bloomington.in.gov

PROJECT

Request	Existing Project	Des No. of existing project	1900404
Road Name	Various City Maintained Streets		
Improvement Type	22 Upgrade guardrail end treatments to current standards		

SIGN UPGRADE PROJECT QUESTION

If improvement selected above is a sign retroreflectivity upgrade project, also indicate the following:

Sign Inventory	
----------------	--

☐ If installing signs at formerly unsigned locations? (Select if yes)

LOCATION DESCRIPTION

Include start and end points of corridor or number of locations in area. (attach project map) list all that apply:

County
Township
City/Town

Numerous locations throughout the City of Bloomington that require improved guardrail.

County = Monroe County

Townships = Bloomington and Perry

City = City of Bloomington

SCHEDULE AND FUNDING

<input checked="" type="radio"/> If LPA is to contribute more than 10% match	Local Contribution Amount	162,948
--	---------------------------	---------

Existing project funding type	No existing project
-------------------------------	---------------------

P/E	107,948	Est. Start Date	Jun 15, 2020
-----	---------	-----------------	--------------

Land Acquisition	0	Est. Start Date	
------------------	---	-----------------	--

Construction	215,000	Est. Start Date	Jan 3, 2022
--------------	---------	-----------------	-------------

Construction Eng.	30,000
-------------------	--------

Total	352,948
-------	---------

PROJECT INTENT (required)

Provide a short description of the safety improvements to be achieved. Attach a map or aerial photos depicting the proposed project limits.

Project will utilize a guardrail assessment scheduled for completion in 2019 to prioritize areas for improvement. Work will focus on upgrading guardrail end treatments to meet current standards. Replacing guardrail runs will also be necessary.

Special Rule Narrative (attach additional pages if needed)

Provide a detailed narrative to explain that the location experiences a higher than normal frequency, rate, and/or risk of fatal and incapacitating injury events (severe crashes); and how the proposed project will reduce severe crashes.

According to the Indiana Strategic Highway Safety Program (SHSP), roadway departure crashes contribute approximately 50% of the total annual severe crashes. For that reason, Roadway Departure Crashes are listed as emphasis area #2 in the SHSP with a specific recommendation to install guardrail end-treatments. The probability of a severe crash increases if the crash involves a guardrail that is damaged or does not have recommended end-treatments. This project will reduce the probability of these severe crashes by repairing/improving guardrails and installing guardrail end-treatments.



**City of Bloomington
Engineering Department**

April 29, 2021

High Street Intersection Modernizations and Multiuse Path

RE: Fiscal Year (FY) 2022-2026 Transportation Improvement Program (TIP) Call for Projects

Dear Mr. Martin:

The City of Bloomington is pleased to submit this application to utilize federal funding. The project will improve safety, accessibility, and mobility for all modes of transportation in this important corridor.

Preliminary engineering for the project will utilize local funding. Right of way costs are estimated at \$1,100,000 and we are requesting federal funding in the amount of \$242,110 in FY 2024. The total construction and construction engineering project costs are estimated at \$6,440,000 and we are requesting federal funding in the amount of \$3,161,756 in FY 2026. Please note that these requests are limited by the amount of available federal funding. We are interested in options to increase these funding levels, but we are open to phasing the project or reducing scope based on funding availability. Additional funding details are included within the attached application forms.

We are committed to completing the preliminary engineering and right of way phases for this project and pursuing a construction contract letting in FY 2026. Neil Kopper will serve as the Employee in Responsible Charge (ERC) for the project and the main point of contact for any questions. The City of Bloomington appreciates your consideration for this highly valuable project.

Sincerely,


John Hamilton, Mayor

Jeffrey H.
Underwood, CPA

Digitally signed by Jeffrey H. Underwood,
CPA
DN: cn=Jeffrey H. Underwood, CPA, o=City of
Bloomington, ou=Office of the Controller,
email=underwoj@bloomington.in.gov, c=US
Date: 2021.04.30 11:44:45 -04'00'

Jeff Underwood, Controller



FY 2022 - 2026 Transportation Improvement Program Project Request Form

(Please return form fully completed by April 30, 2021)

Mail: Bloomington - Monroe County MPO
401 N Morton Street, Suite 130
Bloomington, Indiana 47402

Email: clemensr@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): Neil Kopper
Phone: 812-349-3913
Email: koppern@bloomington.in.gov

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.

Neil Kopper

4/30/2021

Employee in Responsible Charge (ERC)

Date

Section 3: Project Information

- A. Project Name: High Street Intersection Modernizations and Multiuse Path
- B. Is project already in the TIP?
☐ Yes ☒ No
- C. DES # (if assigned):
- D. Project Location (detailed description of project termini): High Street from Arden Drive to 3rd Street. This project may be reduced or phased based on federal funding award or other constraints.

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

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

BMCMPPO 2040 Metropolitan Transportation Plan – Goals include “Promote projects that focus on improving safety for all” and “Pursue possible funding opportunities to increase trail/path use and investment.”

BMCMPPO Complete Streets Policy – Goals include “To create a comprehensive, integrated, and connected transportation network that supports compact, sustainable development” and “To ensure that the safety and mobility of all users of the transportation system are accommodated....”

Bloomington Comprehensive Plan – Policies include “Consider all ages, all abilities, and all modes, including pedestrians, bicyclists, transit vehicles, emergency responders, and freight when planning, designing, modifying, and constructing transportation facilities” and “Prioritize safety and accessibility over capacity in transportation planning, design, construction, and maintenance decisions.”

Bloomington Transportation Plan – “The 2018 Comprehensive Plan identifies the need to take a multimodal transportation approach to planning in Bloomington.” The plan also notes that “All facilities for pedestrians must be designed for safety, accessibility, and comfort.” This multiuse path is specifically listed as MU-8 recommended project.

G. **Allied Projects:**

Jackson Creek Trail Project (which includes multiuse path on High from Rogers to Arden)

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:** October 8, 2025

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 2022 begins on July 1, 2021 and ends on June 30, 2022.

Phase	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Outlying Years
PE	Local	\$	\$ 800,000	\$	\$	\$	\$
RW	Local	\$	\$	\$ 857,890	\$	\$	\$
	STP	\$	\$	\$ 242,110	\$	\$	\$
CE	Local	\$	\$	\$	\$	\$ 640,000	\$
		\$	\$	\$	\$	\$	\$
CN	Local	\$	\$	\$	\$	\$ 2,638,244	\$
	STP	\$	\$	\$	\$	\$ 2,992,243	\$
	TAP	\$	\$	\$	\$	\$ 169,513	\$
	Totals:	\$	\$ 800,000	\$ 1,100,000	\$	\$ 6,440,000	\$

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 Information:

Attach to this application form the following information as required by the Complete Streets Policy. 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).

This project will construct multimodal safety and mobility improvements on High Street from Arden Drive to 3rd Street. Project improvements are expected to include sidewalk curb ramps, accessible bus stops, multiuse path, and traffic signal modernizations.

The project seeks to reduce conflicts between modes by constructing a multiuse path to connect to the existing (currently under construction) multiuse path and Jackson Creek Trail south of Arden Drive. Accessible bus stops will be constructed to complement the existing transit routes on the street. The traffic signals at Hillside Drive, 2nd Street, and 3rd Street will each be more than 30 years old when this project goes to construction. These traffic signals require replacement due to their age, but also to provide safety improvements such as signal head backplates, accessible pedestrian pushbuttons and countdown timers, and modern equipment capable of incorporating signal timings optimized to accommodate all modes. The intersection at 3rd Street will be evaluated for a realignment that is expected to significantly reduce delay by removing split phasing. All intersections will be evaluated for options to provide shorter pedestrian crosswalks. The project will also pursue other geometric modifications to reduce crash risk by encouraging speed limit compliance. The project will include signage and marking updates to improve predictability.

- 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.

Project will be constructed to optimize safety and comfort for users of all ages and abilities and all modes of transportation. Project will comply with PROWAG, the City's adopted accessibility standards. Project will comply with all required environmental and historical regulations per the federal process. Project will have an appropriate maintenance of traffic plan to accommodate all users during construction.

- 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.).

Project priorities include improving safety (as detailed in #1) and expanding capacity by adding facilities for non-motorized modes that connect to other existing pedestrian and bicycle facilities. By improving pedestrian and bicycle connections this project will improve the City's ability to transport people while also working toward goals of equity and sustainability. This project connects to the existing Jackson Creek Trail and is less than half a mile from Southeast Park and the YMCA. The project is also less than one mile from five elementary schools and Indiana University.

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

Preliminary engineering consultant selection and design will begin in 2023. Public participation is anticipated in 2024. The project will be constructed along an existing right of way, but additional right of way acquisitions will be completed in 2025. Construction would take place during 2026.

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

All permits will be applied for at the appropriate time in project development. Key milestones will include Stage 3 and Final Tracings plan submissions.

- 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 City's local match portion will depend upon available/awarded federal funding levels. This project may need to be reduced or phased based on federal funding award or other constraints.

- 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.).

Project will be presented to the MPO committees and Bloomington Bicycle and Pedestrian Safety Commission. Those groups will receive updates about the project during development. Individual property owners adjacent to the project will be contacted after right of way impacts are determined. At least one public information meeting will be held during design. Additional meetings or hearings may be necessary. Final details on public participation will be developed during the design phase. All comments and questions regarding the project will be considered and addressed as appropriate.

- 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.

INDOT, BMCMPPO, various City of Bloomington Departments, City of Bloomington Utilities, MCCSC, IU, BT, Bicycle and Pedestrian Safety Commission, adjacent neighborhood associations, adjacent property owners/tenants, and other interested parties.



FY2022 - 2026 Transportation Alternatives Program Application

Please complete all pertinent fields and return an electronic copy to MPO staff at martipa@bloomington.in.gov.

Detailed Project Description (not to exceed 250 words)

Identify the project scope, overview, objective, and any other relevant project details.

This project will construct multimodal safety and mobility improvements on High Street from Arden Drive to 3rd Street. Project improvements are expected to include sidewalk curb ramps, accessible bus stops, multiuse path, and traffic signal modernizations.

The project seeks to reduce conflicts between modes by constructing a multiuse path to connect to the existing (currently under construction) multiuse path and Jackson Creek Trail south of Arden Drive. Accessible bus stops will be constructed to complement the existing transit routes on the street. The traffic signals at Hillside Drive, 2nd Street, and 3rd Street will each be more than 30 years old when this project goes to construction. These traffic signals require replacement due to their age, but also to provide safety improvements such as signal head backplates, accessible pedestrian pushbuttons and countdown timers, and modern equipment capable of incorporating signal timings optimized to accommodate all modes. The intersection at 3rd Street will be evaluated for a realignment that is expected to significantly reduce delay by removing split phasing. All intersections will be evaluated for options to provide shorter pedestrian crosswalks. The project will also pursue other geometric modifications to reduce crash risk by encouraging speed limit compliance. The project will include signage and marking updates to improve predictability.

Primary Purpose (Select one)

Please select which description best fits your project. All eligible project types are considered equally during evaluation.

- ☒ **X Construction of Bicycle/Pedestrian Facilities**
- ☐ Safe Routes to School
- ☐ Multi-use trail project

Project Elements (Select all that apply)

- ☒ **X Sidewalks**
- ☒ **X On-street or off-street bicycle infrastructure**
- ☒ **X Pedestrian and bicycle signals**
- ☐ Maintenance or construction of recreational trail or trailhead facilities
- ☒ **X Traffic calming techniques**
- ☒ **X Lighting and other infrastructure that improves bicycle and pedestrian safety**
- ☒ **X Infrastructure projects that will provide safe routes for non-drivers, including children, older adults, and individuals with disabilities to access daily needs**
- ☐ Safe Routes to School programming (Engagement, Equity, Engineering, Encouragement, Education, Evaluation)

Community Support (20 points maximum)

- a. Is the project supported by local planning documents? **(10 points maximum)**

Please list each planning document that supports the project and describe how it provides support.

BMCMPMO 2040 Metropolitan Transportation Plan – Goals include “Promote projects that focus on improving safety for all” and “Pursue possible funding opportunities to increase trail/path use and investment.”

BMCMPMO Complete Streets Policy – Goals include “To create a comprehensive, integrated, and connected transportation network that supports compact, sustainable development” and “To ensure that the safety and mobility of all users of the transportation system are accommodated...”

Bloomington Comprehensive Plan – Policies include “Consider all ages, all abilities, and all modes, including pedestrians, bicyclists, transit vehicles, emergency responders, and freight when planning, designing, modifying, and constructing transportation facilities” and “Prioritize safety and accessibility over capacity in transportation planning, design, construction, and maintenance decisions.”

Bloomington Transportation Plan – “The 2018 Comprehensive Plan identifies the need to take a multimodal transportation approach to planning in Bloomington.” The plan also notes that “All facilities for pedestrians must be designed for safety, accessibility, and comfort.” This multiuse path is specifically listed as MU-8 recommended project.

- b. Has the project received letters of support from community organizations? **(5 points maximum)**

Please include a copy of each letter.

This project supports the efforts of numerous community organizations, but it has not sought endorsement letters.

- c. Has the project been presented at public meetings? **(5 points maximum)**

Please list the name, date, and location of each meeting.

All of the local planning documents supporting this project included extensive public outreach.

Safety (25 points maximum)

- a. Does the project location occur on any of the following lists in the MPO’s crash reports from the previous five (5) years? **(10 points maximum)**

Please check each list on which the project location appears and indicate which year’s crash report the list is in.

- ☐ ‘Top Locations by Crash Total’ (Year(s): _____)
- ☐ ‘Top Locations by Crash Rate’ (Year(s): _____)
- ☐ ‘Top Locations by Crash Severity’ (Year(s): _____)
- ☐ ‘Eligible HSIP Locations’ (Year(s): _____)
- ☐ ‘Top Bicycle and Pedestrian Crash Locations’ (Year(s): _____)

- b. How many total crashes occurred within ¼ mile of the proposed project in the previous five (5) years? **(5 points maximum)**

239 crashes (2016-2020 data)

- c. How many fatal or incapacitating injury crashes occurred within ¼ mile of the proposed project in the previous five (5) years? **(5 points maximum)**

16 incapacitating injury crashes (2016-2020 data)

- d. Does the proposed project improve safety for multiple user groups? **(5 points maximum)**
Please check all that apply.

- ☐ **X Pedestrians**
- ☐ **X Bicyclists**
- ☐ **X Motorists**
- ☐ **X Transit users**
- ☐ **X Disabled persons**

Utility (25 points maximum)

- a. Does the project connect to destinations such as parks, schools, libraries, retail centers, or employment centers? **(10 points maximum)**
Please check all that apply.

- ☐ **X Public Park**
- ☐ **X School**
- ☐ Library
- ☐ **X Employment**
- ☐ Retail

- b. Does the proposed project connect to existing bicycling and walking networks? **(5 points maximum)**
Please check all that apply.

- ☐ **X Multi-use Trail**
- ☐ **X On-street bikeway**
- ☐ **X Sidepath**
- ☐ **X Sidewalk**
- ☐ **X Signed bike route**

- c. How many transit routes and transit stops are located within the proposed project, or are located within ¼ mile of the proposed project? **(5 points maximum)**

3 transit routes (3, 4, and 5) and 18 transit stops

- d. Does the project enhance bicycle and pedestrian access for traditionally underserved populations, as identified in the MPO's Long Range Transportation Plan? **(5 points maximum)**

This project borders census tract 2.02, but does not fall directly within one of the census tracts specified in the MPO 2040 Long Range Transportation Plan.

Project Readiness (30 points maximum)

- a. What percentage of design work is currently completed for the project? **(10 points maximum)**

Only conceptual design has begun. No design work is underway, but there is more than sufficient time to complete design in compliance with INDOT timelines.

- b. What percentage of the project right-of-way is owned by the project sponsor at the time of this application? **(10 points maximum)**

The majority of High Street is currently within City right of way, but additional acquisition is anticipated for multiuse path installation. Topographic survey and title searches will be necessary to determine the extent of right of way acquisition required.

- c. Is this project eligible for a categorical exclusion from NEPA reviews? **(5 points maximum)**

Yes, it is expected that this project will be eligible for a categorical exclusion, but this cannot be determined until the preliminary engineering is farther along and a determination is made by INDOT/FHWA.

- d. With the funds requested, will the project be fully funded, or a phase of the project fully funded? **(5 points maximum)**

The City is committed to providing local match sufficient for this project. However, the amount of federal funding currently available does not fully fund this project.

PLEASE ATTACH THE FOLLOWING TO THE COMPLETED TAP APPLICATION:

- **FY 2022 - 2026 TIP Project Request Form**
- **Cover letter signed by the highest elected local official as well as the highest financial officer of the LPA**
- **Project Map**
- **NEPA Approval Letter** (if applicable)
- **Letters of support** (if applicable)

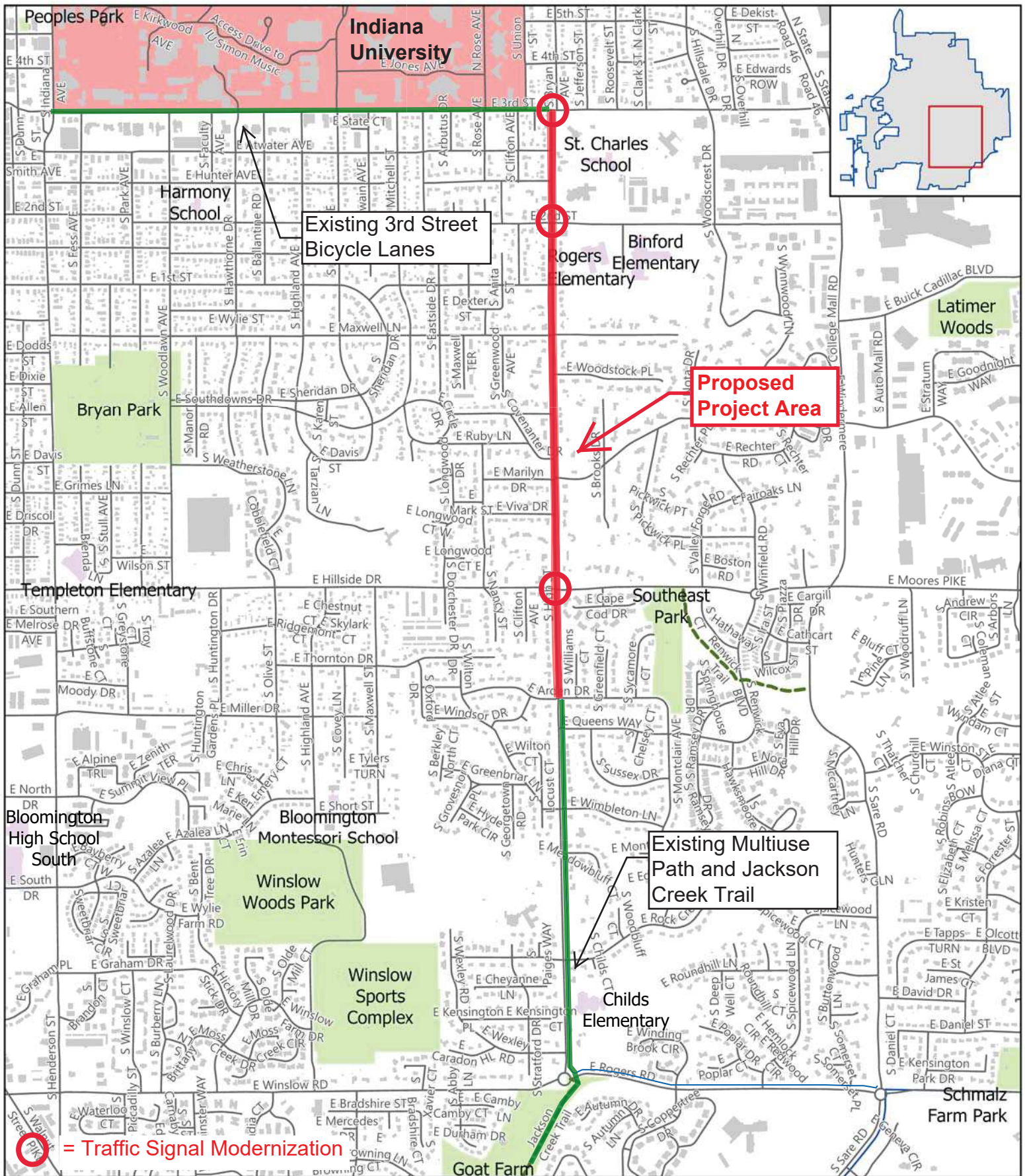
I hereby certify that the information submitted as part of this application is accurate.

Neil Kopper

4/30/2021

Signature

Date





**City of Bloomington
Engineering Department**

April 29, 2021

Signal Timing Project

RE: Fiscal Year (FY) 2022-2026 Transportation Improvement Program (TIP) Call for Projects

Dear Mr. Martin:

The City of Bloomington is pleased to submit this funding application to utilize Highway Safety Improvement Program (HSIP) funding. This project will update the signal timing of all of the City's traffic signals, pedestrian hybrid beacons, and rectangular rapid-flashing beacons. This project qualifies for HSIP funding through its use of low-cost, systematic improvements including making changes to yellow interval traffic signal timing or signal interconnect to improve safety. Other required project application forms are attached with this letter.

The implementation of these improvements does not require construction and the project will only require a preliminary engineering phase. Preliminary engineering costs are estimated at \$425,000 and we are requesting HSIP funding in the amount of \$382,500 in FY 2024. Additional funding details are included within the attached application forms.

We are committed to initiating the preliminary engineering for this project in FY 2024 and pursuing project completion in a timely manner. Neil Kopper will serve as the Employee in Responsible Charge (ERC) for the project and the main point of contact for any questions. The City of Bloomington appreciates your consideration for this highly valuable project.

Sincerely,


John Hamilton, Mayor

Jeffrey H.
Underwood,
CPA
Jeff Underwood, Controller

Digitally signed by Jeffrey H. Underwood, CPA
DN: cn=Jeffrey H. Underwood, CPA, o=City of
Bloomington, ou=Office of the Controller,
email=underwoj@bloomington.in.gov, c=US
Date: 2021.04.29 11:40:10 -04'00'



FY 2022 - 2026 Transportation Improvement Program Project Request Form

(Please return form fully completed by April 30, 2021)

Mail: Bloomington - Monroe County MPO
401 N Morton Street, Suite 130
Bloomington, Indiana 47402

Email: clemensr@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):

Neil Kopper

Phone:

812-349-3423

Email:

koppern@bloomington.in.gov

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 BCMPO Complete Streets Policy.

Neil Kopper

4/30/2021

Employee in Responsible Charge (ERC)

Date

Section 3: Project Information

A. Project Name: Signal Timing Project

B. Is project already in the TIP?

☒ Yes ☐ No

C. DES # (if assigned): 1900400

D. Project Location (detailed description of project termini): Signalized intersections, including pedestrian hybrid beacons and rectangular rapid-flashing beacons, located throughout the 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

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

BMCMPPO 2040 Metropolitan Transportation Plan – Goals include “Enhance the safe, efficient, and effective movement of people and goods through maintenance, operational and capital investment decisions.” “Adopt a “fix-it-first” mentality that directs funding and project selection to prioritize maintenance and renewal of existing transportation facilities.” and “Support projects that maximize the use of existing infrastructure through systematic, systemic, and operational best practices.”

BMCMPPO Complete Streets Policy – Goals include “To ensure that the safety and mobility of all users of the transportation system are accommodated...” and “To ensure the use of the latest and best design standards, policies and guidelines.”

Bloomington Comprehensive Plan – Policies include “Prioritize safety and accessibility over capacity in transportation planning, design, construction, and maintenance decisions.” Programs include “Continually monitor traffic patterns and evaluate changes (e.g., signal timing adjustments) to enhance efficient flow of traffic.”

BMCMPPO FY2020-2024 Transportation Improvement Program – Project is currently programmed for federal funding.

G. Allied Projects: FY2016 Signal Retiming Project

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:** N/A. Project is PE only and has no letting.

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 2022 begins on July 1, 2021 and ends on June 30, 2022.

Phase	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Outlying Years
PE	HSIP	\$	\$	\$ 382,500	\$	\$	\$
	Local	\$	\$	\$ 42,500	\$	\$	\$
RW		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CE		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CN		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
	Totals:	\$	\$	\$ 425,000	\$	\$	\$

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 Information:

Attach to this application form the following information as required by the Complete Streets Policy. 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).

Project will collect traffic data, model traffic patterns, determine timings that optimize safety and mobility for all modes of transportation, implement new timings, and verify optimal system performance for all of the City’s traffic signals, pedestrian hybrid beacons, and rectangular rapid-flashing beacons. The project will focus on updating yellow and all-red clearance intervals with current best practices. Additional improvements may include optimized progression along corridors, leading pedestrian intervals, and other signal phasing changes.

- 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.

Project is intended to comply with best practice signal timing guidance and also ensure that signal timing prioritizes pedestrian, bicycle, and transit safety and mobility.

- 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.).

Project will evaluate delay and level of service before and after implementation.

- 4) Project Timeline – Identify anticipated timelines for consultant selection, public participation, design, right-of-way acquisition, construction period, and completion date.
Consultant selection, public participation, and design expected to begin in 2024. No right of way acquisition or construction is anticipated.
- 5) Key Milestones – identify key milestones (approvals, permits, agreements, design status, etc.).
Minimal permits and approvals are anticipated for this project. Key milestones will include consultant selection and final project completion.
- 6) Project Cost – Identify any anticipated cost limitations, additional funding sources, project timing, and other important cost considerations not included in the table above.
None.
- 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.).
Public involvement is currently expected to involve one public meeting before timing implementation begins. This meeting may be scheduled to be a part of another public meeting for a relevant group such as the Traffic Commission (TC) or the Bicycle and Pedestrian Safety Commission (BPSC).
- 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.
Project may receive input from city staff, MPO TAC, MPO CAC, TC, BPSC, Traffic Commission, and the general public.

Highway Safety Improvement Program

Low Cost Systemic LPA Project Eligibility Request

SPONSOR

Date	Apr 30, 2021	Submitted by	BMCMPPO
Local Public Agency	City of Bloomington		
Official Signatory	Andrew Cibor		
Office Title	City Engineer		
Project Contact	Neil Kopper		
Telephone	812-349-3913	Email	koppern@bloomington.in.gov

PROJECT

Request	Existing Project	Des No. of existing project	1900400
Road Name	Various City Maintained Streets		
Improvement Type	08 Make changes to yellow interval traffic signal timing or signal interconnect to impr		

SIGN UPGRADE PROJECT QUESTION

If improvement selected above is a sign retroreflectivity upgrade project, also indicate the following:

Sign Inventory	
----------------	--

☐ If installing signs at formerly unsigned locations? (Select if yes)

LOCATION DESCRIPTION

Include start and end points of corridor or number of locations in area. (attach project map) list all that apply:

County
Township
City/Town

Signalized intersections, including pedestrian hybrid beacons and RRFBS, located throughout the City of Bloomington.
County = Monroe County
Townships = Bloomington and Perry
City = City of Bloomington

SCHEDULE AND FUNDING

<input checked="" type="radio"/> If LPA is to contribute more than 10% match	Local Contribution Amount	42,500
--	---------------------------	--------

Existing project funding type	No existing project
-------------------------------	---------------------

P/E	425,000	Est. Start Date	10/1/2023
-----	---------	-----------------	-----------

Land Acquisition		Est. Start Date	
------------------	--	-----------------	--

Construction		Est. Start Date	
--------------	--	-----------------	--

Construction Eng.	
-------------------	--

Total	425,000
-------	---------

PROJECT INTENT (required)

Provide a short description of the safety improvements to be achieved. Attach a map or aerial photos depicting the proposed project limits.

Project will collect traffic data, model traffic patterns, determine timings that optimize safety and mobility for all modes of transportation, implement new timings, and verify optimal system performance for all of the City's traffic signals, pedestrian hybrid beacons, and rectangular rapid-flashing beacons. The project will update the signal timing parameters to reflect recommended yellow change intervals and required ADA walk/ flashing don't walk phase lengths. Additionally, a key project metric will be to minimize vehicle stops while also attempting to manage the vehicle progression speed. Updating the change intervals and minimizing vehicle stops are expected to mitigate rear end and angle crash types. Providing sufficient time for pedestrians to cross the intersections is anticipated to improve pedestrian safety. Managing progression speeds is anticipated to enhance bicyclist safety and reduce crash severity. The project will also evaluate locations for possible use of leading pedestrian intervals, left-turn signal phasing changes, and identify additional beneficial traffic signal investments (e.g., interconnect, signal heads, flashing yellow arrow left-turn signals, etc.) to further enhance safety in the City of Bloomington.

**Special Rule Narrative (attach additional pages if needed)**

Provide a detailed narrative to explain that the location experiences a higher than normal frequency, rate, and/or risk of fatal and incapacitating injury events (severe crashes); and how the proposed project will reduce severe crashes.

Most locations with high crash numbers and rates in the City of Bloomington are at signalized intersections per the Bloomington/Monroe County Metropolitan Planning Organization Crash Report. Risk tends to be greatest at signalized intersections due to their high traffic volumes and conflict points. Additionally, signalized intersections are multimodal nodes that process conflicting traffic ranging from large trucks and buses to pedestrians and bicyclists. The City of Bloomington has a significant amount of pedestrian and bicycle traffic and the City's signalized intersections are preferred crossing locations for many of these vulnerable users.

The proposed signal timing project will reduce severe crashes by using recommended yellow change intervals, minimizing vehicle stops, providing sufficient pedestrian crossing times, and managing vehicle speed. These changes are anticipated to reduce the frequency and severity of angle, rear end, pedestrian, and bicycle crashes. Additionally, potential changes to left-turn signal phasing could also result in a reduced number of turning crashes. The City of Bloomington does not have a signal timing specialist on staff and has not initiated a full signal retiming project since 2016 (this application is for a 2024 project). This combination leads the City to believe this project will have significant and noticeable safety improvements.



FY 2022 - 2026 Transportation Improvement Program Project Request Form

(Please return form fully completed by April 30, 2021)

Mail: Bloomington - Monroe County MPO
401 N Morton Street, Suite 130
Bloomington, Indiana 47402
Email: clemensr@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): Chris Myers
Phone: 812-876-3383 x. 503
Email: cmyers@area10agency.org

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.

Chris Myers
Employee in Responsible Charge (ERC)

4/9/2021
Date

Section 3: Project Information

- A. Project Name: Rural Transit
- B. Is project already in the TIP?
☒ Yes ☐ No
- C. DES # (if assigned):
- D. Project Location (detailed description of project termini): Area 10 Agency on Aging, 631 W. Edgewood Dr., Ellettsville, IN 47429 – serves Monroe County

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

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 BMCMPPO policy. All CN phases must include an appropriate amount of funding for construction inspection in addition to project construction costs.

Note: Fiscal Year 2022 begins on July 1, 2021 and ends on June 30, 2022.

Phase	Funding Source	FY 2022	FY 2022	FY 2024	FY 2025	FY 2026	Outlying Years
PE (operational)	FTA 5311	\$ 875524	\$ 910545	\$ 946967	\$ 984845	\$ 1024239	\$
	PMTF - state	\$ 312096	\$ 324579	\$ 337563	\$ 351065	\$ 365108	\$
	Local, fares & in-kind	\$ 563428	\$ 585965	\$ 609403	\$ 633780	\$ 659131	\$
RW		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CE		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
CN		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
Totals:		\$ 1751048	\$ 1821089	\$ 1893933	\$ 1969690	\$ 2048478	\$

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 Information:

Attach to this application form the following information as required by the Complete Streets Policy. 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.



FY 2022 - 2026 Transportation Improvement Program Project Request Form

(Please return form fully completed by April 30, 2021)

Mail: Bloomington - Monroe County MPO
401 N Morton Street, Suite 130
Bloomington, Indiana 47402

Email: clemensr@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): Lew May
Phone: 812-961-0522
Email: mayl@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.

Employee in Responsible Charge (ERC)

Date

Section 3: Project Information

- A. Project Name: **35-Foot Replacement Battery Electric Buses, Charging Stations, and Installation of Charging Stations.**
- B. Is project already in the TIP?
☒ Yes ☐ No
- C. DES # (if assigned): **1700763, 1700764, 1700765, 1700766, 1700767**
- D. Project Location (detailed description of project termini): 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

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

G. Allied Projects: n/a

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: 2022, 2024, 2026

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 2022 begins on July 1, 2021 and ends on June 30, 2022.

Phase	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Outlying Years
	5339	\$ 2,896,000	\$ 2,595,840	\$	\$ 1,371,774	\$ 473,322	\$
	STPB	\$ 432,000	\$ 648,960	\$	\$ 500,000	\$ 500,000	\$
	Local	\$832,000		\$	\$467,944	\$243,331	
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
	Totals:	\$ 4,160,000	\$ 3,244,800	\$	\$ 2,339,718	\$ 1,216,653	\$

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 Information:

Attach to this application form the following information as required by the Complete Streets Policy. 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.



FY 2022 - 2026 Transportation Improvement Program Project Request Form

(Please return form fully completed by April 30, 2021)

Mail: Bloomington - Monroe County MPO
401 N Morton Street, Suite 130
Bloomington, Indiana 47402

Email: clemensr@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): Lew May
Phone: 812-961-0522
Email: mayl@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.

Employee in Responsible Charge (ERC)

Date

Section 3: Project Information

- A. Project Name: **BT Access Vehicle Replacement**
- B. Is project already in the TIP?
☒ **Yes** ☐ No
- C. DES # (if assigned): **1700763, 1700764, 1700765, 1700766, 1700767**
- D. Project Location (detailed description of project termini): 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

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

G. Allied Projects: n/a

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: 2022-2026

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 2022 begins on July 1, 2021 and ends on June 30, 2022.

Phase	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Outlying Years
	5310	\$ 138,445	\$ 143,982	\$ 149,742	\$ 155,731	\$ 161,962	\$
	Local	\$ 34,611	\$ 35,996	\$ 37,436	\$ 38,933	\$ 40,490	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
Totals:		\$ 173,056	\$ 179,978	\$ 187,178	\$ 194,664	\$ 202,452	\$

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 Information:

Attach to this application form the following information as required by the Complete Streets Policy. 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.



FY 2022 - 2026 Transportation Improvement Program Project Request Form

(Please return form fully completed by April 30, 2021)

Mail: Bloomington - Monroe County MPO
401 N Morton Street, Suite 130
Bloomington, Indiana 47402

Email: clemensr@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): Lew May
Phone: 812-961-0522
Email: mayl@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.

Employee in Responsible Charge (ERC)

Date

Section 3: Project Information

- A. Project Name: **Bus Stop Accessibility Improvements**
- B. Is project already in the TIP?
☐ Yes ☒ No **(Pending Approval as of 4/30/21)**
- C. DES # (if assigned): Pending
- D. Project Location (detailed description of project termini): 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

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

G. Allied Projects: n/a

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: 2022, 2024, 2026

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 2022 begins on July 1, 2021 and ends on June 30, 2022.

Phase	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Outlying Years
	5310	\$ 120,000	\$	\$ 134,984	\$	\$ 145,998	\$
	Local	\$ 30,000	\$	\$ 31,200	\$	\$ 31,200	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
Totals:		\$ 150,000	\$	\$ 166,184	\$	\$ 177,198	\$

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 Information:

Attach to this application form the following information as required by the Complete Streets Policy. 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.



FY 2022 - 2026 Transportation Improvement Program Project Request Form

(Please return form fully completed by April 30, 2021)

Mail: Bloomington - Monroe County MPO
401 N Morton Street, Suite 130
Bloomington, Indiana 47402

Email: clemensr@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): Lew May
Phone: 812-961-0522
Email: mayl@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.

Employee in Responsible Charge (ERC)

Date

Section 3: Project Information

- A. Project Name: **Fixed Route Service Expansion Electric Vehicles, Charging Stations and Charging Station Installation.**
- B. Is project already in the TIP?
☐ Yes ☒ **No**
- C. DES # (if assigned):
- D. Project Location (detailed description of project termini): 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

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

G. Allied Projects: n/a

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: 2023

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 2022 begins on July 1, 2021 and ends on June 30, 2022.

Phase	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Outlying Years
	5339	\$	\$ 1,730,560	\$	\$	\$	\$
	Local	\$	\$ 432,640	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
Totals:		\$	\$ 2,163,200	\$	\$	\$	\$

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 Information:

Attach to this application form the following information as required by the Complete Streets Policy. 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.



FY 2022 - 2026 Transportation Improvement Program Project Request Form

(Please return form fully completed by April 30, 2021)

Mail: Bloomington - Monroe County MPO
401 N Morton Street, Suite 130
Bloomington, Indiana 47402

Email: clemensr@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): Lew May
Phone: 812-961-0522
Email: mayl@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.

Employee in Responsible Charge (ERC)

Date

Section 3: Project Information

- A. Project Name: **Purchase and Rebuild Major Vehicle Components**
- B. Is project already in the TIP?
☒ **Yes** ☐ No
- C. DES # (if assigned): **1700763, 1700764, 1700765, 1700766, 1700767**
- D. Project Location (detailed description of project termini): 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

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

G. Allied Projects: n/a

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: 2022-2026

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 2022 begins on July 1, 2021 and ends on June 30, 2022.

Phase	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Outlying Years
	5307	\$ 144,000	\$ 149,760	\$ 155,750	\$ 161,980	\$ 168,460	\$
	Local	\$ 36,000	\$ 37,440	\$ 38,938	\$ 40,495	\$ 42,115	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
	Totals:	\$ 180,000	\$ 187,200	\$ 194,688	\$ 202,476	\$ 210,575	\$

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 Information:

Attach to this application form the following information as required by the Complete Streets Policy. 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.



FY 2022 - 2026 Transportation Improvement Program Project Request Form

(Please return form fully completed by April 30, 2021)

Mail: Bloomington - Monroe County MPO
401 N Morton Street, Suite 130
Bloomington, Indiana 47402

Email: clemensr@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): Lew May
Phone: 812-961-0522
Email: mayl@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.

Employee in Responsible Charge (ERC)

Date

Section 3: Project Information

- A. Project Name: **Operational Assistance for Fixed Route and Paratransit Service.**
- B. Is project already in the TIP?
☒ **Yes** ☐ No
- C. DES # (if assigned): **1700763, 1700764, 1700765, 1700766, 1700767**
- D. Project Location (detailed description of project termini): 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

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

G. Allied Projects: n/a

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: 2022-2026

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 2022 begins on July 1, 2021 and ends on June 30, 2022.

Phase	Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Outlying Years
	5307	\$ 2,436,585	\$ 2,485,317	\$ 2,535,023	\$ 2,585,724	\$ 2,637,438	\$
	PMTF	\$ 2,729,092	\$ 2,783,674	\$ 2,839,347	\$ 2,896,134	\$ 2,954,057	\$
	Fares	\$ 1,710,383	\$ 1,744,591	\$ 1,779,483	\$ 1,815,072	\$ 1,851,374	\$
	Local	\$2,332,806	\$2,427,052	\$2,475,593	\$2,525,105	\$2,575,607	
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
	Totals:	\$ 9,255,523	\$ 9,440,633	\$ 9,629,446	\$ 9,822,035	\$ 10,018,476	\$

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: _____

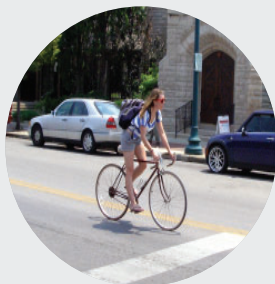
B. Additional Information:

Attach to this application form the following information as required by the Complete Streets Policy. 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.

TRANSPORTATION IMPROVEMENT PROGRAM

FISCAL YEARS 2022-2026



Draft Document - June 23, 2021

The preparation of this report has been financed in part through grant(s) from the Federal Highway Administration and the Federal Transit Administration, U.S. Department of Transportation, under the Metropolitan Planning Program, Section 104(f) of Title 23, U.S. Code. The contents of this report do not necessarily reflect the official views or policy of the U.S. Department of Transportation.

Disclaimer

Preparation of the *Bloomington-Monroe County FY 2022 - 2026 Transportation Improvement Program* (TIP) has been financed in part through grants from the Federal Highway Administration and Federal Transit Administration, U.S. Department of Transportation, under the Metropolitan Planning Program, Section 104(f) of Title 23, U.S. Code. The contents of this report do not necessarily reflect the official views or policy of the U.S. Department of Transportation or the Indiana Department of Transportation.

Table of Contents

Introduction	5
Transportation Improvement Programming	6
Transportation Improvement Program Projects	8
Transportation Improvement Program Funding	12
 Projects	
Monroe County	16
City of Bloomington	19
Rural Transit	22
Bloomington Transit	23
Indiana Department of Transportation	25
 Appendices	
Appendix A: Financial Forecast	29
Appendix B: Transportation Planning Requirements	39
Appendix C: Performance-Based Transportation Planning Targets	45
Appendix D: Environmental Justice	52
Appendix E: Air Quality and Climate Change Assessments	58
Appendix F: BMCMPPO Complete Streets Policy	65
Appendix G: Plan Developments & Public Involvement Methodology	68
Appendix H: Glossary	77
Appendix I: Self-Certification	88
Appendix J: FY2022-2026 TIP Approval Letter	90
Appendix K: BMCMPPO FY2022-2026 TIP Adoption Resolution	91

Acknowledgments

The BMCMPPO FY 2022-2026 *Transportation Improvement Program* included the assistance and efforts of numerous organizational groups and individual residents. The staff acknowledges and greatly appreciates all representatives and residents who participated in public meetings, public workshops thereby giving the community active participatory voices for policy decision makers and our collective state and federal partners.

Policy Committee

Lisa Ridge, Chair	Monroe County Highway Department
Sarah Ryterband Vice Chair	Citizens Advisory Committee
Kent McDaniel	Bloomington Transit
Kate Wiltz	Monroe County Council
Jason Banach	Indiana University
John Hamilton	City of Bloomington Mayor
Tony McClellan	Indiana Department of Transportation, Seymour District
Margaret Clements	Monroe County Plan Commission
Steve Volan	City of Bloomington City Council
Erica Tait (non-voting)	Federal Highway Administration, Indiana Division
Penny Githens	Monroe County Commissioners
Pamela Samples	Town of Ellettsville
Adam Wason	City of Bloomington Public Works Department
Jillian Kinzie	City of Bloomington Plan Commission
Matthew Lange (non-voting)	Federal Transit Administration, Region V

Technical Advisory Committee

Lew May, Chair	Bloomington Transit
Paul Satterly, PE, Vice Chair	Monroe County Highway Department
Tyler Caldwell	Monroe County Surveyor Department
Chris Ciolli	Monroe County School Corporation
Kevin Tolloty	Town of Ellettsville
Laura Haley	City of Bloomington Information Technology Services
Brian Jones	Indiana Department of Transportation, Public Transit
Brian Noojin	Indiana University Campus Bus
Chris Myers	Rural Transit, Area 10 Agency on Aging
Emmanuel Nsonwu	Indiana Department of Transportation
Carlos Laverty	Monroe County BOAC
Scott Robinson, AICP	City of Bloomington Planning and Transportation
Matt Rhoads	Indiana Department of Transportation, Seymour District
Larry Wilson	Monroe County Planning Department
Jeff Underwood	City of Bloomington City Controller
Steve Cotter	City of Bloomington Parks and Recreation
Tim Street	City of Bloomington Parks and Recreation
Cecilia Crenshaw (non-voting)	Federal Transit Administration
Erica Tait (non-voting)	Federal Highway Administration
David Walter (Non-Voting)	Citizens Advisory Committee

Citizens Advisory Committee

Sarah Ryterband, Chair
David Walter, Vice Chair
Paul Ash
Mary Jane Hall
John Kennedy

Prospect Hill Neighborhood
6th & Ritter Neighborhood
McDoel Gardens Neighborhood
Bloomington Board of Realtors
Council of Neighborhood Associations

BMCMPO Staff

Ryan Clemens
Pat Martin

Draft

Introduction

The Transportation Improvement Program (TIP) is a strategic capital planning document of the Bloomington-Monroe County Metropolitan Planning Organization (BMCMPPO) for transportation projects using federal-aid funds.

Pursuant to the most recent transportation legislation, Fixing America's Surface Transportation (FAST), the FY 2022-2026 TIP includes five (5) fiscal years and a list of priority projects for planning, right-of-way acquisition, construction engineering, construction, transit operating assistance, and transit capital acquisition in individual years of the documented established multi-year timeframe. The FY 2022-2026 TIP is consistent with the adopted BMCMPPO *2045 Metropolitan Transportation Plan*, Bloomington Transit's *Transit Development Plan*, and other planning studies developed by the BMCMPPO for INDOT, FHWA, and the FTA in collaboration with all relevant state and local stakeholders.

The Transportation Improvement Program documents the distribution of all BMCMPPO federal-aid transportation funding among the various multi-modal jurisdictional needs of the region. Inclusion within the TIP signifies a major milestone in the development process of a project, enabling the project to receive allocations and spend federal transportation funds for established community infrastructure needs.

The FY 2022-2026 TIP is a capital budgeting tool that specifies an implementation timetable, funding sources and agencies responsible for transportation related projects within the metropolitan planning area. Projects come from any one of the following implementing agencies:

- Town of Ellettsville
- Bloomington Transit
- Rural Transit
- Indiana University Campus Bus
- Monroe County
- City of Bloomington
- Indiana Department of Transportation

The BMCMPPO is responsible for developing plans and programs that provide for the development, management and operation of the transportation network as the designated MPO for the Bloomington and Monroe County Metropolitan Area. The BMCMPPO's current jurisdiction for transportation planning consists of the City of Bloomington, the Town of Ellettsville and the urbanizing area of Monroe County. An online map of the urbanized area is available at https://bloomington.in.gov/sites/default/files/2017-05/map_urbanized_area_boundary.pdf.

Transportation Improvement Programming

The FY 2022 - 2026 TIP must achieve fiscal constraint by individual years and include only those projects for which funding has been identified using current or reasonably available revenue sources. The BMCMPPO in cooperation with the State of Indiana and area transit operators develop the TIP financial plan by providing the BMCMPPO with information early in the TIP development process. The information provided by these groups concerns the likely amount of Federal and State funding available to the BMCMPPO in order to enable the BMCMPPO to conduct adequate financial planning. The BMCMPPO, the Federal Highway Administration (FHWA), and the Federal Transit Administration (FTA) must jointly determine that new, or amended, TIP documents conform to the State's Air Quality Plan's purpose of attaining the National Ambient Air Quality Standards (NAAQS). The only exception is for amendments involving projects explicitly exempted by the U.S. Environmental Protection Agency's (EPA) conformity regulation. The Bloomington/Monroe County MPO is exempt from the air quality requirements because it is in an air quality attainment area.

Projects listed in the TIP typically originate in the Metropolitan Transportation Plan (MTP) developed by the BMCMPPO in cooperation with the respective implementing agencies involved in the planning process. These implementing agencies then carry out the transportation plan's specific elements in the Transportation Improvement Program (TIP). The TIP therefore serves as a strategic management tool that accomplishes the objectives of the BMCMPPO MTP.

Project prioritization is an important element of the TIP since the demand for Federal-aid transportation projects often exceeds the level of available Federal funds. The Indiana Department of Transportation prioritizes State highway projects in the TIP. Resource availability for Monroe County, the Town of Ellettsville, Bloomington Transit, Indiana University Campus Bus, Area 10's Rural Transit, and the City of Bloomington determines local project prioritizations. Transportation improvement projects in the BMCMPPO's urbanized area often achieve prioritization based on the following general hierarchy:

1. Unfunded capital projects that have been programmed and are ready for contract letting
2. Capital projects programmed for construction that will be ready for contract letting in the immediate future
3. Projects involving traffic operation or system management improvements
4. Projects programmed for right-of-way acquisition
5. Projects programmed for preliminary engineering and/or advanced studies

The type of activity scheduled and the Federal funding category determine locally initiated project priorities. Additional project prioritization influences include state and local policy-level decision-making and the availability of Federal, State, and local funds. Wherever possible, technical and non-technical factors jointly determine projects which have the greatest need for implementation.

The BMCMPPO evaluates Transportation Improvement Program amendments pursuant to the procedures outlined in the Public Participation Plan. The scope of a TIP amendment dictates the level of public participation solicited (major amendment, minor amendment, and administrative modification). The adopted TIP must receive approval from the BMCMPPO Policy Committee and the Governor of the State of Indiana and conformity determinations by the FHWA and the FTA. Once approved, the TIP then becomes, without modification, part of the Statewide Transportation Improvement Program (STIP). The frequency and cycle for updating the TIP should be compatible with that of the STIP.

Amendment Process

Transportation Improvement Program amendments are subject to the BMCMPPO's adopted Public Participation Plan procedures. The scope of a TIP amendment dictates the level of public participation solicited (major amendment, minor amendment, and administrative modification). The TIP must have approvals by the BMCMPPO Policy Committee and the Governor of the State of Indiana as well as conformity determinations by the FHWA and the FTA. Once approved, the TIP then becomes part of the Statewide Transportation Improvement Program (STIP). The frequency and cycle for updating the TIP shall have compatibility with that of the STIP.

Transportation Improvement Program Projects

Background

This discussion provides a central reference point for the identification of recommended BMCMPPO *FY 2022-2026 Transportation Improvement Program* multi-modal projects administered by Monroe County, the Town of Ellettsville, the City of Bloomington, Bloomington Transit, Indiana University Campus Bus, Area 10 Agency on Aging Rural Transit, and the Indiana Department of Transportation.

Project Cost Estimation

Project cost estimation is a critical step for project selection, project programming, and project scheduling. As a short-range program document, the *FY 2022 - 2026 Transportation Improvement Program* relies on a “cost to complete” or more precisely a “total project estimated cost” supplied from the Local Planning Agencies (LPAs) and the Indiana Department of Transportation. This includes all project phases, including any phases that have already been completed or will extend beyond the four-year TIP period. The official definition from INDOT states:

“The STIP must include the cost of each phase of the project that is listed in the STIP and also include the total project cost (23 CFR 450.218(i)). Total project cost is the cost of all phases of the project i.e. PE, design, ROW, construction including phases that are outside the 4-year period of the STIP.”

INDOT will provide the BMCMPPO with updated total estimated cost figures for each of its projects. The BMCMPPO will additionally calculate the total estimated cost for all LPA projects. These totals will then have reflection within the BMCMPPO TIP and within INDOT’s STIP."

The BMCMPPO uses this process for the *FY 2022-2026 Transportation Improvement Program* and future Transportation Improvement Program publications.

Federal Funding Sources

Projects programmed within the Transportation Improvement Program (TIP) categorize project phases by fiscal year along with the associated federal funding source accompanied by its appropriate local match as is necessary. Project phases will normally include:

- Preliminary Engineering (PE)
- Right-of-Way Acquisition (RW)
- Construction Engineering (CE)
- Construction (CN)

Projects use various Federal transportation sources based on the type of project. In most circumstances, each Federal funding source requires a certain percentage of local or State matching funding. The following narrative briefly highlights major transportation funding sources found under current Transportation Improvement Program legislation.

- *Surface Transportation Program (STPB)* funds projects to preserve and improve the conditions and performance on any Federal-aid highway, bridge/tunnel project on any public road, pedestrian and bicycle infrastructure, and transit capital projects, including bus terminals.
- *Highway Safety Improvement Program (HSIP)* funds projects with the goal of achieving a significant reduction in traffic fatalities and serious injuries on all public roads including non-State-owned public roads.
- *Bridge Programs (BR)* funds bridge safety, inspection and improvement projects on state and local jurisdictional levels.
- *Transportation Alternatives Program (TAP)* funds a variety of alternative transportation projects such as transportation enhancements, recreational trails, and Safe Routes to School.
- *Public Mass Transit Fund (PMTF)* funds projects that promote and develop public transportation within Indiana and targeted to increase local financial involvement and encourage the delivery of efficient, effective transportation.
- *National Highway Performance Program (NHPP)* funds construction of new facilities on the National Highway System. These funds ensure that investments in Federal-aid funds in highway construction support progress toward the achievement of performance targets established in a State's asset management plan for the National Highway System.
- *Recreational Trails Program (RTP)* funds projects that develop and maintain recreational trails and trail-related facilities for both non-motorized and motorized recreational trail uses.

Table 1 - Federal Transportation Funding Programs

Federal Funding Source Descriptions		
Funding Program*	Abbreviation	Brief Description**
Surface Transportation Block Grant	STPBG	Funds projects to preserve and improve the conditions and performance on any Federal-aid highway, bridge/tunnel project on functionally classified public road, pedestrian and bicycle infrastructure, and transit capital projects, including bus terminals.
Highway Safety Improvement Program	HSIP	Projects capable of achieving significant reductions in traffic fatalities and serious injuries on all public roads and non-State-owned roads
Transportation Alternatives	TA	Projects supporting both on/off-road pedestrian and bicycle facilities, environmental mitigation, and creating/improving recreational trails.
Recreational Trails Program	RTP	Project that develop and maintain recreational trails and trail-related facilities for non-motorized and/or motorized recreational trail uses
Bridge Programs	Local Bridge	Projects involving bridge safety, inspection and improvement projects
Indiana Public Mass Transit Fund	PMTF	Projects that promote and develop Indiana public transportation targeted to increase local financial involvement, and encourage the delivery of efficient, effective transportation
National Highway Performance Program	NHPP	Facility investments on the Interstate or National Highway System (NHS) directed to support progress toward the achievement of performance targets established in a State's asset management plan for the National Highway System
*Note: Not all funding programs for transit related projects in this TIP are displayed in this table.		
**Note: Descriptions of funding programs are adapted from the U.S. Department of Transportation Federal Highway Administration (https://fhwa.dot.gov/).		

Red Flag Investigations

The National Environmental Policy Act of 1969 (NEPA) established policy safeguards the nation's social, economic, and environmental resources from adverse impacts of federal actions or programs. The Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) are responsible for implementing the NEPA process for federally-funded transportation projects at the state and local levels.

All transportation projects have the potential to impact environmental, cultural, or historical resources. The FHWA encourages MPO's to conduct Red Flag Investigations (RFI) for all local projects that may use federal funds. Each RFI identifies a project's potential impacts to nearby (1/2 mile) infrastructure, mining/mineral exploration, hazardous materials, water resources, ecological resources, and cultural resources to promote early and efficient consideration of these issues. The BMCMPPO staff conducts a high-level Red Flag Investigation (RFI) assessment for each new project Transportation Improvement Program (TIP) project not expected to obtain a Programmatic Categorical Exclusion (PCE). The subsequent transmission of each high-level RFI assessment to the associated local public agency aids project development. Local public agencies may require additional studies and or permitting to comply with NEPA and other federal, state, and local regulations for each project. The following Table shows the potential impacts for each of the RFI projects examined by the BMCMPPO staff for development of the FY 2022-2026 TIP. Statewide sources recommended by the Indiana Department of Transportation served as the data foundation for these initial programming assessments.

BMCMPPO FY2022-2026 TIP - New Project Red Flag Investigation Impacts

Project	LPA	Infrastructure	Mining Exploration	Hazardous Materials	Water Resources	Ecological Resources	Cultural Resources
Transit Stop Improvements	BT	TBD	0	0	0	0	0
35-foot Electric Bus (EV) Acquisitions	BT	0	0	0	0	0	0
Old SR 37 at Dillman Road Intersection	MC	TBD	0	0	0	0	0
Crosswalk Safety Improvements	COB	TBD	0	0	0	0	0
Downtown Curb Ramps - Phase 4	COB	TBD	0	0	0	0	0
High Street Intersection Modernization & Multiuse Path	COB	TBD	0	0	0	0	0
West 2 nd Street Modernization & Safety Improvements	COB	TBD	0	0	0	0	0

Transportation Improvement Program Funding

The Transportation Improvement Program must achieve fiscal constraint by balancing estimated project expenditures with expected funding revenues over given fiscal years. Each specific source of funding must additionally have a use consistent with its designated project purpose. The process of balancing expenditures across the portfolio of available funds requires cooperation and support from all of all BMCMPPO Local Public Agencies (LPA), stakeholders, and state/federal funding partners.

The Fiscal Years used for the purposes of the Transportation Improvement Program begin on July 1 and end on June 30. Therefore, Fiscal Year 2022 begins on July 1, 2021 and Fiscal Year 2026 ends on June 30, 2026.

Federal revenue forecasts rely upon past receipts typically allocated on a per capita basis for Indiana's Group II urban areas, projections from INDOT, the FHWA, and the FTA of anticipated Federal spending authorization levels, and consultations with appropriate Federal and State funding agencies.

Local funding forecast derivations employ a similar methodology coupled with extensive local public agency coordination. The source for project expenditure estimates include industry-standard construction cost estimating tools, such as RSMeans data (<https://www.rsmeans.com>) or similar standard industry sources, and a project-specific combination of prior construction experiential data, cost assessments, and program evaluation tools.

The following FY 2022-2026 TIP funding tables summarize the projected revenues and expenditures for Fiscal Years 2022 through 2026 for the BMCMPPO urban area. The summary tables for the State of Indiana's programmed funds or projects are subject to statewide financial constraints beyond the jurisdictional control of the BMCMPPO.

Bloomington-Monroe Cnty Metropolitan Planning Organization (BMCMPPO)
Anticipated FY 2022 - 2026 TIP Federal Program Revenue Levels*

Program	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
STPB	\$2,992,243	\$2,992,243	\$2,992,243	\$2,992,243	\$2,992,243
HSIP	\$ 430,795	\$430,795	\$430,795	\$430,795	\$430,795
TA	\$169,513	\$169,513	\$169,513	\$169,513	\$169,513
SEC. 164 PENALTY**	\$110,460	\$110,460	\$110,460	\$110,460	\$110,460
CARES 2021***	N.A.	\$340,051	N.A.	N.A.	N.A.
TOTAL	\$4,043,062	\$3,703,011	\$3,703,011	\$3,703,011	\$3,703,011

*Source: Indiana MPO Council/INDOT-BMCMPPO Local Share of Federal Formula Apportionments, 01-26-21.

**HSIP applicable projects.

***Coronavirus Response and Relief Supplemental Appropriations Act, 2021 funding allocated by INDOT based on 2010 Census that must have expenditure by September 20, 2024. Funds may supplement current projects or have an application toward new projects, including preventative maintenance for LPAs with an INDOT-Approved Asset Management Plan.

**Draft BMCMPPO FY 2022-2026 Transportation Improvement Program
LPA Funding Requests and Funding Type by Fiscal Year (FY 2026 Illustrative)**

06-18-2021

<u>STPBG FUNDING</u>					
LPA	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026*
Bloomington	\$2,138,309	\$2,992,243	\$242,110	\$2,992,243	\$2,992,243
Monroe County	\$421,934	\$0	\$2,750,133	\$0	\$0
BT	\$432,000	\$0	\$0	\$0	\$500,000
Total STPBG Funding Applied For	\$2,992,243	\$2,992,243	\$2,992,243	\$2,992,243	\$3,492,243
Total Available	\$2,992,243	\$2,992,243	\$2,992,243	\$2,992,243	\$2,992,243
Difference + (-)	\$0	\$0	\$0	\$0	\$(500,000)

<u>TAP FUNDING</u>					
LPA	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026*
Bloomington	\$169,513	\$169,513	\$0	\$169,513	\$169,513
Monroe County	\$0	\$0	\$155,801	\$0	\$0
Total TAP Funding Applied For	\$169,513	\$169,513	\$155,801	\$169,513	\$169,513
Total Available	\$169,513	\$169,513	\$169,513	\$169,513	\$169,513
Difference + (-)	\$0	\$0	\$13,712	\$0	\$0

<u>HSIP FUNDING</u>					
LPA	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026*
Bloomington	\$430,795	\$430,795	\$382,500	\$430,795	\$430,795
Monroe County	\$0	\$0	\$88,184	\$0	\$2,025,000
Total HSIP Funding Applied For	\$430,795	\$430,795	\$470,684	\$430,795	\$2,455,795
Total Available	\$430,795	\$430,795	\$430,795	\$430,795	\$430,795
Difference + (-)	\$0	\$0	\$(39,889)	\$0	\$(2,025,000)

<u>SECTION 164 FUNDING</u>					
LPA	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026*
Bloomington	\$110,460	\$110,460	\$110,460	\$110,460	\$110,460
Monroe County	\$0	\$0	\$0	\$0	\$0
Total CARES Funding Applied For	\$110,460	\$110,460	\$110,460	\$110,460	\$110,460
Total Available	\$110,460	\$110,460	\$110,460	\$110,460	\$110,460
Difference + (-)	\$0	\$0	\$0	\$0	\$0

<u>CARES FUNDING</u>					
LPA	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026*
Bloomington	\$0	\$340,051	\$0	\$0	\$0
Monroe County	\$0	\$0	\$0	\$0	\$0
Total CARES Funding Applied For	\$0	\$340,051	\$0	\$0	\$0
Total Available	\$0	\$340,051	\$0	\$0	\$0
Difference + (-)	\$0	\$0	\$0	\$0	\$0

The preliminary draft expenditures table noted on the previous page show a current (May 20, 2021) un-constrained list of proposed expenditures for Fiscal Years 2022 through 2025. Fiscal Year 2026 is considered “illustrative” and therefore not subject to fiscal constraint.

The following tables show preliminary summary details.

Monroe County FY 2022-2026 TIP Application Amounts by Funding Type and Fiscal Year

Monroe County TIP Summary Table							
Funding Source	2022	2023	2024	2025	2026*	Outlying Years	TOTAL
STP	\$421,934		\$2,750,133				\$3,172,067
Group II Program	\$ -						\$ -
Group III Program		\$6,808,000					\$6,808,000
TAP			\$155,801				\$155,801
TAP (TE)	\$1,770,400						\$1,770,400
HSIP			\$88,184		\$2,025,000		\$2,113,184
Local Bridge	\$377,061	\$9,725	\$224,783	\$1,667,715			\$2,279,284
RTP		\$ -					\$ -
Section 164							
CARES							
Total Federal	\$2,569,395	\$6,817,725	\$3,218,901	\$1,667,715	\$2,025,000	\$ -	\$16,298,736
Total Local	\$3,147,265	\$6,736,905	\$14,653,880	\$691,929	\$225,000		\$25,454,979
TOTAL	\$5,716,660	\$13,554,630	\$17,872,781	\$2,359,644	\$2,250,000	\$ -	\$41,753,715

City of Bloomington FY 2022-2026 TIP Application Amounts by Funding Type and Fiscal Year

City of Bloomington TIP Summary Table							
Funding Source	2022	2023	2024	2025	2026*	Outlying Years	TOTAL
STP	\$2,138,309	\$2,992,243	\$242,110	\$2,992,243	\$2,992,243		\$11,357,148
Group II Program							\$ -
Group III Program							\$ -
TAP	\$169,513	\$169,513		\$169,513	\$169,513		\$678,052
TAP (TE)							\$ -
HSIP	\$430,795	\$430,795	\$382,500	\$430,795	\$430,795		\$2,105,680
Bridge							\$ -
RTP							\$ -
Section 164	\$110,460	\$110,460	\$110,460	\$110,460	\$110,460		\$552,300
CARES		\$340,051					\$340,051
Total Federal	\$2,849,077	\$4,043,062	\$735,070	\$3,703,011	\$3,703,011	\$ -	\$15,033,231
Total Local	\$1,445,423	\$3,529,921	\$1,004,930	\$925,989	\$3,340,989		\$10,247,252
TOTAL	\$4,294,500	\$7,572,983	\$1,740,000	\$4,629,000	\$7,044,000	\$ -	\$25,280,483

Bloomington Transit FY 2022-2026 TIP Application Amounts by Funding Type and Fiscal Year

Bloomington Transit TIP Summary Table							
Funding Source	2022	2023	2024	2025	2026*	Outlying Years	Total
5307	\$2,580,585	\$2,635,077	\$2,690,773	\$2,747,704	\$2,805,898		\$13,460,037
5310	\$258,445	\$143,982	\$284,726	\$155,731	\$307,960		\$1,150,844
5339	\$2,896,000	\$4,326,400		\$1,371,774	\$473,322		\$9,067,496
PMTF	\$2,729,092	\$2,783,674	\$2,839,347	\$2,896,134	\$2,954,057		\$14,202,304
STPB	\$432,000	*\$0		*\$0	\$500,000		\$932,000
Fares	\$1,710,383	\$1,744,591	\$1,779,483	\$1,815,072	\$1,851,374		\$8,900,903
Local	\$3,265,417	\$2,933,128	\$2,583,167	\$3,072,477	\$2,932,743		\$14,786,932
Total	\$13,871,922	\$14,566,852	\$10,177,496	\$12,058,892	\$11,825,354		\$62,500,516

*Withdrew initial application of \$648,960 of STPB from 2023 and \$500,000 of STPB from 2025.

Rural Transit FY 2022-2026 TIP Application Amounts by Funding Type and Fiscal Year

Rural Transit TIP Summary Table							
Funding Source	2022	2023	2024	2025	2026*	Outlying Years	Total
5311	\$875,524	\$910,545	\$946,967	\$984,845	\$1,024,239		\$4,742,120
5339	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
Local Match & PMTF	\$312,096	\$324,579	\$337,563	\$351,065	\$365,108		\$1,690,411
Local Fares & In-Kind	\$563,428	\$585,965	\$609,403	\$633,780	\$659,131		\$3,051,707
Total	\$1,751,048	\$1,821,089	\$1,893,933	\$1,969,690	\$2,048,478		\$9,484,238

FY 2022-2026 Project List

MONROE COUNTY

Bicentennial Pathway Project, Phase 1 [DES#0902215]

Project Phase	Fiscal Year	Federal Source	Federal Funding	Local Match	Total
CE	2022	TAP (TE)	\$ 231,200	\$ 57,800	\$ 289,000
CN	2022	TAP (TE)	\$1,539,200	\$384,800	\$1,924,000
Totals			\$1,770,400	\$442,600	\$2,213,000

Vernal Pike Connector [DES#1702957]

Project Phase	Fiscal Year	Federal Source	Federal Funding	Local Match	Total
RW	2022	Local		\$2,000,000	\$ 2,000,000
CE	2023	Group III Program	\$ 888,000	\$ 813,844	\$ 1,701,844
CN	2023	Group III Program	\$5,920,000	\$5,425,630	\$11,345,630
Totals			\$6,808,000	\$8,239,474	\$15,047,474

Fullerton Pike/Gordon Pike/Rhorer Road, Phase III [DES#1802977]

Project Phase	Fiscal Year	Federal Source	Federal Funding	Local Match	Total
	2022	Local		\$ 377,000	\$ 377,000
PE	2023	Local		\$ 100,000	\$ 100,000
	2024	Local		\$ 10,000	\$ 10,000
RW	2022	STP	\$ 421,934	\$ 278,066	\$ 700,000
CE	2024	Local		\$ 1,500,000	\$ 1,500,000
CN	2024	STP	\$2,750,133	\$12,125,485	\$14,875,618
Totals			\$3,172,067	\$14,390,551	\$17,562,618

Fullerton Pike, Phase III Bridge [DES#2001721 Kinned with DES#802977]]

Project Phase	Fiscal Year	Federal Source	Federal Funding	Local Match	Total
---------------	-------------	----------------	-----------------	-------------	-------

BR

**Karst Farm Greenway - Connector Trail
[DES#1900405]**

Project Phase	Fiscal Year	Federal Source	Federal Funding	Local Match	Total
PE	2022	Local		\$ 213,400	\$ 213,400
RW	2023	Local		\$ 270,000	\$ 270,000
CE	2024	Local		\$ 114,000	\$ 114,000
CN	2024	TAP	\$ 155,801	\$ 758,199	\$ 914,000
Totals			\$ 155,801	\$1,355,599	\$1,511,400

**Pedestrian Trail Crossing Improvements
[DES#1900406]**

Project Phase	Fiscal Year	Federal Source	Federal Funding	Local Match	Total
PE	2022	Local		\$20,000	\$ 20,000
CN	2024	HSIP	\$88,184	\$ 9,800	\$ 97,984
Totals			\$88,184	\$29,800	\$117,984

**Rockport Road, Bridge #308, 0.04 Miles S of Bolin Lane
[DES#1902772]**

Project Phase	Fiscal Year	Federal Source	Federal Funding	Local Match	Total
PE	2022	Local BR	\$ 256,560	\$ 64,140	\$ 320,700
RW	2024	Local BR	\$ 120,000	\$ 30,000	\$ 150,000
CE	2025	Local BR	\$ 336,000	\$ 84,000	\$ 420,000
CN	2025	Local BR	\$1,324,800	\$ 331,200	\$1,656,000
Totals			\$2,037,360	\$ 509,340	\$2,546,700

**Bridge Safety Inspection and Inventory
[DES#2100084]**

Project Phase	Fiscal Year	Federal Source	Federal Funding	Local Match	Total
PE	2022	Local BR	\$120,501	\$30,125	\$150,626
PE	2023	Local BR	\$ 9,725	\$ 2,431	\$ 12,156
PE	2024	Local BR	\$104,783	\$26,196	\$130,979
PE	2025	Local BR	\$ 6,915	\$ 1,729	\$ 8,644
Totals			\$241,924	\$60,481	\$302,405

**Old SR 37 South at Dillman Road
[DES#TBD]**

Project Phase	Fiscal Year	Federal Source	Federal Funding	Local Match	Total
PE	2023	Local		\$125,000	\$ 125,000
RW	2024	Local		\$100,000	\$ 100,000
	2025	Local		\$275,000	\$ 275,000
CE	2026	HSIP	\$ 225,000	\$ 25,000	\$ 250,000
CN	2026	HSIP	\$1,800,000	\$200,000	\$2,000,000
Totals			\$2,025,000	\$725,000	\$2,750,000

FY 2022-2026 Project List

CITY OF BLOOMINGTON

B-Line Trail Extension

[DES#1700735]

Project Phase	Fiscal Year	Federal Source	Federal Funding	Local Match	Total
CE	2023	Local		\$ 225,000	\$ 225,000
CN	2023	STP	\$242,110	\$1,217,839	\$1,459,949
		CARES	\$340,051		\$ 340,051
Totals			\$582,161	\$1,442,839	\$2,025,000

Crosswalk Safety Improvements Project (FY22)

[DE#1700976]

Project Phase	Fiscal Year	Federal Source	Federal Funding	Local Match	Total
CE	2022	Local		\$ 52,500	\$ 52,500
	2022	HSIP	\$240,795	\$ 98,745	\$339,540
CN	2022	Section 164	\$110,460		\$110,460
Totals			\$351,255	\$151,245	\$502,500

Crosswalk Safety Improvements Project (FY25)

[DES#TBD]

Project Phase	Fiscal Year	Federal Source	Federal Funding	Local Match	Total
PE	2023	Section 164	\$ 70,571	\$29,429	\$100,000
CE	2025	HSIP	\$ 66,255	\$ 7,745	\$ 74,000
CN	2025	HSIP	\$364,540	\$55,000	\$419,540
		Section 164	\$110,460		\$110,460
Totals			\$611,826	\$92,174	\$704,000

Downtown Curb Ramps Phase 3

[DES#1900403]

Project Phase	Fiscal Year	Federal Source	Federal Funding	Local Match	Total
CE	2023	HSIP	\$ 61,393	\$ 6,822	\$ 68,215
CN	2023	HSIP	\$369,402	\$45,477	\$ 14,879
		Section 164	\$ 39,889		\$ 39,889
Totals			\$470,684	\$52,299	\$522,983

**Downtown Curb Ramps Phase 4
[DES#TBD]**

Project Phase	Fiscal Year	Federal Source	Federal Funding	Local Match	Total
PE	2024	Section 164	\$110,460	\$ 4,540	\$115,000
CE	2026	HSIP	\$ 66,255	\$ 7,745	\$ 74,000
CN	2026	HSIP	\$364,540	\$55,000	\$419,540
		Section 164	\$110,460		\$110,460
Totals			\$651,715	\$67,285	\$719,000

**Guardrail Improvement Project
[DES#1900404]**

Project Phase	Fiscal Year	Federal Source	Federal Funding	Local Match	Total
CE	2022	Local		\$30,000	\$ 30,000
CN	2022	HSIP	\$190,000	\$25,000	\$215,000
Totals			\$190,000	\$55,000	\$245,000

**High Street Intersection Modernizations and Multiuse Path
[DES#TBD]**

Project Phase	Fiscal Year	Federal Source	Federal Funding	Local Match	Total
PE	2023	Local		\$800,000	\$ 800,000
RW	2024	STP	\$ 242,110	\$857,890	\$1,100,000
CE	2026	Local		\$640,000	\$ 640,000
CN	2026	STP	\$2,992,243	\$2,638,244	\$5,800,000
		TAP	\$ 169,513		
Totals			\$3,403,866	\$4,936,134	\$8,340,000

**Signal Timing Project
[DES#1900400]**

Project Phase	Fiscal Year	Federal Source	Federal Funding	Local Match	Total
PE	2024	HSIP	\$382,500	\$42,500	\$425,000
Totals			\$382,500	\$42,500	\$425,000

**17th Street Multimodal Improvements
[DES#1900402]**

Project Phase	Fiscal Year	Federal Source	Federal Funding	Local Match	Total
CE	2022	STP	\$ 284,000	\$ 71,000	\$ 355,000
CN	2022	STP	\$1,854,309	\$578,178	\$2,602,000
		TAP	\$ 169,513		
Totals			\$2,307,822	\$649,178	\$2,957,000

**West 2nd Street Modernization and Safety Improvements
[DES#TBD]**

Project Phase	Fiscal Year	Federal Source	Federal Funding	Local Match	Total
PE	2022	Local		\$ 500,000	\$ 500,000
RW	2024	Local		\$ 100,000	\$ 100,000
CE	2025	STP	\$ 338,756	\$ 86,244	\$ 425,000
CN	2025	STP	\$2,653,487	\$ 777,000	\$3,600,000
		TAP	\$ 169,513		
Totals			\$3,161,756	\$1,463,244	\$4,625,000

Project List FY 2022-2026

RURAL TRANSIT

Rural Transit Operation Assistance [DES#1802840, #1802841, #1802842, #1802843, #1802844]						
Funding Source	2022	2023	2024	2025	2026	Total
5311	\$875,524	\$910,545	\$946,967	\$984,845	\$1,024,239	\$4,742,120
Local Match & PMTF	\$312,096	\$324,579	\$337,563	\$351,065	\$365,108	\$1,690,411
Local Fares & In-Kind	\$563,428	\$585,965	\$609,403	\$633,780	\$659,131	\$3,051,707
Totals	\$1,751,048	\$1,821,089	\$1,893,933	\$1,969,690	\$2,048,478	\$9,484,238

Project List FY 2022-2026

BLOOMINGTON TRANSIT

Operational Assistance for Fixed Route and Paratransit Service [DES#1700763, #1700764, #1700765, #1700766, #1700767]

Funding Source	2022	2023	2024	2025	2026	Total
5307	\$2,436,585	\$2,485,317	\$2,535,023	\$2,585,724	\$ 2,637,438	\$12,680,087
PMTF	\$2,729,092	\$2,783,674	\$2,839,347	\$2,896,134	\$ 2,954,057	\$14,202,304
Fares	\$1,710,383	\$1,744,591	\$1,779,483	\$1,815,072	\$ 1,851,374	\$ 8,900,903
Local	\$2,332,806	\$2,427,052	\$2,475,593	\$2,525,105	\$ 2,575,607	\$12,336,163
Totals	\$9,208,866	\$9,440,634	\$9,629,446	\$9,822,035	\$10,018,476	\$48,119,457

Purchase and Rebuild of Major Vehicle Components [DES#1700763, #1700764, #1700765, #1700766, #1700767]

Funding Source	2022	2023	2024	2025	2026	Total
5307	\$144,000	\$149,760	\$155,750	\$161,980	\$168,460	\$779,950
Local	\$ 36,000	\$ 37,440	\$ 38,938	\$ 40,495	\$ 42,115	\$194,988
Totals	\$180,000	\$187,200	\$194,688	\$202,475	\$210,575	\$974,938

Purchase BT Access Vehicle Replacement [DES#1700763, #1700764, #1700765, #1700766, #1700767]

Funding Source	2022	2023	2024	2025	2026	Total
5310	\$138,445	\$143,982	\$149,742	\$155,731	\$161,962	\$749,862
Local	\$ 34,611	\$ 35,996	\$ 37,436	\$ 38,933	\$ 40,490	\$187,466
Totals	\$173,056	\$179,978	\$187,178	\$194,664	\$202,452	\$937,328

Purchase 35-foot Replacement Hybrid Buses
[DES#1700763, #1700764, #1700765, #1700766, #1700767]

Funding Source	2022	2023	2024	2025	2026	Total
5339	\$2,896,000	\$2,595,840	\$0	\$1,371,774	\$ 473,322	\$ 7,336,936
STPB	\$ 432,000	\$ 648,960	\$0	\$ 500,000	\$ 500,000	\$ 2,080,960
Local	\$ 832,000		\$0	\$ 467,944	\$ 243,331	\$ 1,543,275
Totals	\$4,160,000	\$3,244,800	\$0	\$2,339,718	\$1,216,653	\$10,961,171

Bus Stop Accessibility Improvements
[DES#TBD]

Funding Source	2022	2023	2024	2025	2026	Total
5310	\$120,000	\$0	\$134,984	\$0	\$145,998	\$400,982
Local	\$30,000	\$0	\$31,200	\$0	\$ 31,200	\$ 92,400
Totals	\$150,000	\$0	\$166,184	\$0	\$177,198	\$493,382

Fixed Route Service Expansion Electric Vehicles, Charging Stations and Charging Station Installation
[DES#TBD]

Funding Source	2022	2023	2024	2025	2026	Total
5339	\$0	\$1,730,560	\$0	\$0	\$0	\$1,730,560
Local	\$0	\$ 432,640	\$0	\$0	\$0	\$ 432,640
Totals	\$0	\$2,163,200	\$0	\$0	\$0	\$2,163,200

Project List FY 2022-2026

INDIANA DEPARTMENT OF TRANSPORTATION

SR 45/46, 0.20 Miles E of I-69 (Arlington Road) to 0.93 Miles E of I-69 (Kinser Pike) [DES#1700198]

Project Phase	Fiscal Year	Federal Source	Federal Funding	State Match	Total
CN	2024	NHPP	\$4,720,000	\$1,180,000	\$5,900,000
Totals			\$4,720,000	\$1,180,000	\$5,900,000

SR 45 at the Intersection of Pete Ellis Drive [DES#1800199]

Project Phase	Fiscal Year	Federal Source	Federal Funding	State Match	Total
RW	2022	STPBG	\$ 320,000	\$ 80,000	\$ 400,000
CN	2023	STPBG	\$1,833,913	\$458,478	\$2,292,391
Totals			\$2,153,913	\$538,478	\$2,692,391

SR 37 at Intersection with Dillman Road [DES#1800371]

Project Phase	Fiscal Year	Federal Source	Federal Funding	State Match	Total
CN	2024	NHPP	\$1,209,431	\$302,358	\$1,511,789
Totals			\$1,209,431	\$302,358	\$1,511,789

SR 37 - 3.65 miles south of SR 45 over abandoned railroad northbound lane [DES#1801171]

Project Phase	Fiscal Year	Federal Source	Federal Funding	State Match	Total
CN	2024	NHPP	\$329,854	\$82,464	\$412,318
Totals			\$329,854	\$82,464	\$412,318

**SR 46 Bridge Superstructure Replacement at 06.04 miles W of SR 37 @ Jacks Defeat Creek (WBL)
[DES#1900098]**

Project Phase	Fiscal Year	Federal Source	Federal Funding	State Match	Total
PE	2024	NHPP	\$ 60,000	\$ 15,000	\$ 75,000
RW	2022	NHPP	\$ 44,000	\$ 11,000	\$ 55,000
CN	2024	NHPP	\$1,967,656	\$ 491,914	\$2,459,570
Totals			\$2,071,656	\$517,914	\$2,589,570

**Bridge Thin Deck Overlay at 0.75 miles W of SR 37, EBL over Center Fork Stout Creek
[DES#1900710]**

Project Phase	Fiscal Year	Federal Source	Federal Funding	State Match	Total
CN	2022	NHPP	\$978,020	\$244,050	\$1,222,070
Totals			\$978,020	\$244,050	\$1,222,070

**SR 37 Bridge over BR Indian Creek, 3.62 mile S SR 37
[DES#2000365]**

Project Phase	Fiscal Year	Federal Source	Federal Funding	State Match	Total
CN	2024	STPBG	\$1,160,255	\$290,064	\$1,450,319
Totals			\$1,160,255	\$290,064	\$1,450,319

**ADA Sidewalk Ramp Construction
[DES#2001522]**

Project Phase	Fiscal Year	Federal Source	Federal Funding	State Match	Total
CN	2022	NHPP	\$172,000	\$43,000	\$215,000
Totals			\$172,000	\$43,000	\$215,000

**Bridge This Deck Overlay Over BR N Fork Salt Creek, 04.86 Miles E of SR 446
[DES#2002034]**

Project Phase	Fiscal Year	Federal Source	Federal Funding	State Match	Total
PE	2022	NHPP	\$ 64,000	\$16,000	\$ 80,000
CN	2025	NHPP	\$160,599	\$40,150	\$200,749
Totals			\$224,599	\$56,150	\$280,749

Draft

Appendices



Appendix A:

Financial Forecast

Introduction

Financial resources define the feasibility, timing, and scope of FY 2022-2026 Transportation Improvement Program (TIP) project selection and implementation. This appendix defines reasonable financial forecasts that support the recommended multi-modal transportation needs plan for the Bloomington and Monroe County urbanized area. The resulting fiscally constrained plan of projects is a requirement first set forth in the Intermodal Surface Transportation Efficiency Act (ISTEA) of 1991. Successive Federal transportation legislation (TEA-21, SAFETEA-LU, MAP-21 and FAST) continued this requirement and permitted the inclusion of “illustrative” transportation projects for potential implementation if additional funding were to become available during the established final program Fiscal Year 2026 planning period.

Financial resources for federal, state, and local highway transportation projects are typically set aside for three categorical areas:

- *eSafety and Security* - represent the highest multi-modal transportation system priority by protecting people, system users, and infrastructure investments
- *Facility maintenance and Preservation* – protects existing capital investments which include operation and maintenance and reconstruction (including pavement resurfacing, bridge rehabilitation transit operations, and bicycle/pedestrian facilities) of existing transportation facilities and services
- *Capacity Expansion* – adds to the functional capacity of the multi-modal transportation system through the addition of travel lanes, new transit facilities, sidewalks, and new bicycle/pedestrian multi-use pathways.
- *New Facilities* – represent major new capital investments including new roadways, bridges and interchanges where such facilities do not currently exist.

Federal Resource Programs

Fixing America’s Surface Transportation (FAST) Act (Pub. L. No. 114-94) governs current federal funding for highway, transit and railroad facilities. The FAST Act authorizes \$305 billion over fiscal years 2016 through 2020 and maintains a focus on safety, keeps intact the established structure of the various highway-related programs, continues to streamline project delivery, and provides a dedicated source of federal dollars for freight projects. At present, Congress has an expected reauthorization date of September-December 2021.

The FAST Act apportions Federal program funds using a formula or a set of formulas, takedowns, and set-aside's. Legally established formulas determine initial lump sum amounts for each State's federal-aid apportionment. The lump sums may further subdivide among different programs (outlined below) based upon legally defined percentages. Federal legislation further requires the distribution of some programs within the State to promote the fair and equitable use of funds and to meet certain priorities. Apportioned funds account for the overwhelming majority of Federal Highway Administration (FHWA) funds. Current congressional rules prohibit earmarking, which historically achieved accomplishment through allocations. Because of the limited funding for these programs, not every State will receive an allocation in a given fiscal year.

Major funding programs administered by the FHWA and the Federal Transit Administration (FTA) under current FAST Act legislation include the:

- **National Highway Performance Program (NHPP):** This program provides support for the condition and performance of the National Highway System (NHS), for the construction of new facilities on the NHS, and to ensure that investments of federal-aid funds in highway construction directly support progress toward the achievement of performance targets established in a State of Indiana's asset management plan for the NHS.
- **Surface Transportation Block Grant Program (STBG):** This program provides flexible funding for use by states and localities to preserve and improve the conditions and performance on any federal-aid highway or bridge on any public road, pedestrian and bicycle infrastructure, and transit capital projects.
- **Highway Safety Improvement Program (HSIP):** Within the Surface Transportation Block Grant Program, the Highway Safety Improvement Program serves as a core federal-aid program with the purpose of achieving significant reductions in traffic fatalities and serious injuries on all public roads, including non-state-owned roads and roads on tribal land. The HSIP requires a data-driven, strategic approach to improving highway safety on all public roads with a focus on performance. The main elements of HSIP include the Strategic Highway Safety Plan (SHSP), the State HSIP or program of highway safety improvement projects, and the Railway-Highway Crossings Program (RHCP).
- **Congestion Mitigation and Air Quality Improvement Program (CMAQ):** This program directs flexible funding resources to state and local governments for transportation projects and programs to help meet the requirements of the Clean Air Act. Funding is available to reduce congestion and improve air quality for areas that do not meet the National Ambient Air Quality Standards (NAAQS) for ozone, carbon monoxide, or particulate matter (nonattainment areas) and for former nonattainment areas that are now in compliance (maintenance areas). The Bloomington-Monroe County metropolitan planning area is an air quality attainment area.

- **Metropolitan Planning Program (PL):** Under the FAST Act, the Metropolitan Planning Program directs a cooperative, continuous, and comprehensive multimodal planning framework for making transportation investment decisions in metropolitan areas. Program oversight is a joint Federal Highway Administration and Federal Transit Administration responsibility. The FAST Act continues to require metropolitan transportation plans and transportation improvement programs (TIPs) to provide for facilities that enable an intermodal transportation system, including pedestrian and bicycle facilities.
- **National Highway Freight Program (NHFP):** This program provides States with highway-focused formula funding for use on freight-related projects, and a new program (FASTLANE) which provides discretionary grants for nationally-significant freight and highway projects.

Federal Funding Projections

Surface Transportation Block Grant (STBG)

The Surface Transportation Block Grant (STBG) program funds represent the primary source of federal support for improvements to Bloomington-Monroe County urbanized area roadways. The FAST Act converts the long-standing Surface Transportation Program (STP) into the Surface Transportation Block Grant (STBG) program. As statutorily cited [FAST Act § 1109(a)] by the Federal Highway Administration, “The STBG promotes flexibility in State and local transportation decisions and provides flexible funding to best address State and local transportation needs.”

Urbanized areas with a population of 200,000 or more persons (referred to as Group I areas) have a dedicated funding allocation stipulated by federal statute. Indiana urbanized areas, such as Bloomington, with a population of 50,000 to less than 200,000 persons (referred to as Group II areas) receive funding allocations based on a proportion of statewide population.

Under a sharing agreement for surface transportation programs, the Indiana Department of Transportation (INDOT) retains 75% of the federal funds received by the State of Indiana. INDOT distributes the remaining 25% federal fund balances to local jurisdictions, including Metropolitan Planning Organizations.

The federal-aid STBG fund allocation for the Bloomington Metropolitan Planning Area (MPA) in Fiscal Year 2021 was approximately \$2.75 million. The forecast of STBG funds available between fiscal years 2021 and 2045 assumed a conservative, constant and real dollar growth rate of 2.0%.

As shown below, the Bloomington metropolitan planning area is likely to receive a total of approximately \$86,076,367 in STBG funds between fiscal years 2021 and 2045 for locally initiated capital roadway system improvements.

Fiscal Years 2021 through 2030 = \$28,695,667
Fiscal Years 2031 through 2045 = \$54,630,567
Total = \$83,326,234

Highway Safety Improvement Program (HSIP)

The Highway Safety Improvement Program (HSIP) provides federal funding for eligible safety improvement projects on local roadways. The Bloomington metropolitan planning area received an annual allocation of \$470,684 for fiscal year 2020. The forecast of HSIP funds available between fiscal years 2021 and 2045 assumed a conservative, constant and real dollar growth rate of 2.0%.

Fiscal Years 2021 through 2030 = \$4,911,250
Fiscal Years 2031 through 2045 = \$9,349,997
Total = \$14,261,247

Transportation Alternatives (TA) Program

Within the Surface Transportation Block Grant program, Transportation Alternatives (TA) program provides federal funding for programs and projects defined as transportation alternatives, including on and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation, and enhanced mobility. The Bloomington urbanized area received an annual allocation of \$155,801 for fiscal year 2020. The forecast of TA funds available between fiscal years 2021 and 2045 assumed a conservative, constant and real dollar growth rate of 2.0%.

Fiscal Years 2021 through 2030 = \$1,625,672
Fiscal Years 2031 through 2045 = \$3,094,940
Total = \$4,720,612

State of Indiana Investments

The Indiana Department of Transportation does not have any committed major capital projects identified for construction in Bloomington and Monroe County between Fiscal Year 2021 and Fiscal Year 2045 given the recent completion of the I-69 corridor through the metropolitan planning area.

A majority of investment priorities shall therefore focus on safety enhancements and system preservation to existing state roads. With the knowledge that these improvements rely upon an as-needed basis, no firm estimate of future investments in such projects is currently available.

Indiana's *Next Level Roads Plan* announced in 2017 resulting from House Enrolled Act 1002 (Effective July 1, 2017) focused funding in the BMCMPPO area on preservation, maintenance, and safety investments with a 3-year investment total equaling \$13,033,146 from 2018 through 2020. House Enrolled Act 1002 established an increase of ten-cents per gallon for gasoline, special fuels, and motor carrier surcharge taxes. The Act further established an indexation

against inflation thereby maintaining constant dollar revenues in relation to overall indexed costs.

Local roads statewide received an estimated \$264.0 million in additional dollars in FY 2019 and shall receive up to an estimated \$340.0 million by FY 2024. The House Enrolled Act should raise \$1.2 billion in new state and local revenues beginning in 2024.

INDOT's Community Crossing Local Road and Bridge Matching Grant Fund Program provides an additional source of revenue to the BMCMPPO area through discretionary awards for systems preservation, maintenance, replacements, reconstruction, and similar activities. INDOT has awarded over \$1.0 billion since 2013 to local public agencies to aid in modernizing local roads and bridges. No future funding availability is possible given the variable discretionary nature of this program, the size of requests in relation to available funds, and the year-to-year needs of Monroe County, the City of Bloomington, and the Town of Ellettsville. Therefore a reasonable financial forecast is not possible.

Federal Transit Program Formula Grants, Capital Investment Grants, and State Assistance

Federal transit program formula grants and capital investment grants and state assistance are critical to the success of Bloomington Transit and its provision of service over 1,178,700 vehicle miles traveled for 3.14 million annual customers in 2018. This equates to 2.66 miles per customer trip.

Federal transit formula operating and capital investment grants for Bloomington Transit totaled \$2,770,000 in calendar year 2020. The forecast of Federal Transit Administration (FTA) funds available between fiscal years 2021 and 2045 assumed a conservative, constant and real dollar growth rate of 2.0%. As shown below, Bloomington Transit is likely to receive a total of \$86,076,367 in formula grants and capital investment grants for Fiscal Year 2021 through Fiscal Year 2045.

Fiscal Years 2021 through 2030 = \$30,937,342

Fiscal Years 2031 through 2045 = \$59,561,067

Total = \$90,498,409

State transit program assistance to Bloomington Transit totaled \$2.6 million in 2020. A conservative, constant dollar growth rate of 2.0% used to forecast these funds available between 2021 and 2045 projects Bloomington Transit will likely receive a total of \$88,937,271 in formula grants and capital investment grants for Fiscal Year 2021 through Fiscal Year 2045.

Fiscal Years 2021 through 2030 = \$29,500,694

Fiscal Years 2031 through 2045 = \$56,795,209

Total = \$86,295,903

Federal transit formula operating and capital investment grants for Rural Transit totaled \$748,544 in 2020. The forecast of Federal Transit Administration (FTA) funds available between fiscal years 2021 and 2045 assumed a conservative, constant and real dollar growth rate of 2.0%. As shown below, Rural Transit is likely to receive a total of \$24,455,610 in federal formula grants and capital investment grants for Fiscal Year 2021 through Fiscal Year 2045.

Fiscal Years 2021 through 2030 = \$8,360,275
Fiscal Years 2031 through 2045 = \$16,095,336
Total = \$24,455,610

State transit program assistance to Rural Transit totaled approximately \$306,875 in 2020. A conservative, constant dollar growth rate of 2.0% used to forecast these funds available between 2021 and 2045 projects Rural Transit will likely receive a total of \$10,025,884 in formula grants and capital investment grants for Fiscal Year 2021 through Fiscal Year 2045.

Fiscal Years 2021 through 2030 = \$3,427,400
Fiscal Years 2031 through 2045 = \$6,598,485
Total = \$10,025,884

Local Resources

Primary resources for locally initiated transportation projects include Motor Vehicle Highway Account (MVHA) fund receipts, Local Road and Street Funds (LRS), the Wheel Tax, the Cumulative Bridge Fund, Cumulative Capital Development Funds, alternative transportation funds and, in certain instances, Tax Increment Financing (TIF) District funds.

Motor Vehicle Highway Account (MVHA) & Wheel Tax

The Motor Vehicle Highway Account (MVHA) receipts for Monroe County and the City of Bloomington typically exhibit an annual variability. The construction or reconstruction and maintenance of streets and alleys rely upon MVHA funds. These funds represent the primary operating and maintenance expenditures for Monroe County and the City of Bloomington between 2021 and 2045. The forecast assumption for the 2045 MTP is that MVHA receipts will remain at a constant real dollar growth rate of 2.0% until the Year 2045 and that these funds will continue use for basic operations and maintenance.

Monroe County and Bloomington use Wheel Tax funds for resurfacing and minor roadway rehabilitation projects. The forecast assumption for the 2045 MTP is that Wheel Tax receipts will remain at a constant real dollar growth rate of 2.0% until the Year 2045 and that these funds will continue for the purposes prescribed by the Indiana General Assembly.

Given MVHA and Wheel Tax receipts and under the assumptions outlined above, the following fiscal period forecasts can be reached:

Fiscal Years 2021 through 2030 = \$112,497,308
Fiscal Years 2031 through 2045 = \$207,949,604
Total = \$320,446,912

Local Road and Street (LRS) Funds

Local Road and Street account (LRS) funds, including accelerated allocations, are available for capital investment. A portion of the funds, however, must have a set aside for preservation projects such as resurfacing, intersection/signalization projects, and safety improvements.

Based on past and present budgets, Monroe County and the City of Bloomington allocate variable portions of these funds for capital investments. These funds represent the primary expenditures that Monroe County and the City of Bloomington use for engineering, land acquisition, construction, resurfacing, restoration, and rehabilitation of roadway facilities. The forecast assumption for the 2045 MTP is that LRS receipts will remain at a constant real dollar growth rates of 2.0% until the Year 2045 and that these funds will continue use for the purposes prescribed by the Indiana General Assembly.

Given LRS receipts and under the assumptions outlined above, the following fiscal period forecasts can be reached:

Fiscal Years 2021 through 2030 = \$21,718,454
Fiscal Years 2031 through 2045 = \$41,812,716
Total = \$63,531,169

Cumulative Bridge Funds

The Monroe County Cumulative Bridge Fund will continue dedication to bridge preservation for the cost of construction, maintenance, and repair of bridges, approaches, grade separations and county-wide bridge inspections. The forecast assumption for the 2045 MTP is that the Cumulative Bridge Fund will remain at a constant real dollar growth rate of 2.0% until the Year 2045 and that these funds will continue use for the purposes prescribed by the Indiana General Assembly.

Given Cumulative Bridge receipts and under the assumptions outlined above, the following fiscal period forecasts can be reached:

Fiscal Years 2021 through 2030 = \$18,491,741
Fiscal Years 2031 through 2045 = \$35,600,597
Total = \$54,092,338

Major Bridge Fund

The Major Bridge Fund established under (IC § 8-16-3.1) is a special fund to address major obstructions between commercial or population centers which are capable of causing an economic hardship because of excess travel time to conduct a normal level of commerce

between the two (2) centers. A major bridge is defined as a structure of 200-feet or longer or 100-feet in a qualified city. The tax levy shall not exceed \$0.0333 per \$100 assessed valuation within the eligible county. The Major Bridge Fund has no forecast for the 2045 MTP.

Cumulative Capital Development Funds

The forecast assumption for the 2045 Metropolitan Transportation Plan is that the Cumulative Capital Development Fund will remain at a constant real dollar growth rate of 2.0% until the Year 2045 and that these funds will continue use for the purposes prescribed by the Indiana General Assembly.

Given Cumulative Capital Development Fund receipts for Monroe County and the City of Bloomington under the assumptions outlined above, the following fiscal period forecasts can be reached:

Fiscal Years 2021 through 2030 = \$49,018,809

Fiscal Years 2031 through 2045 = \$76,084,055

Total = \$125,102,864

Tax Increment Financing (TIF) Funds

Tax Increment Financing (TIF) District revenue receipts are occasionally used by Monroe County and the City of Bloomington for capital infrastructure investments including roadway and drainage improvements. Forecasts for these districts are inexact given their direct link to project development, property values, and sunset provisions. The Monroe County TIF District Funds have no forecast for the 2045 MTP.

Alternative Transportation Funds

The City of Bloomington established Alternative Transportation funding exclusively for pedestrian and bicycle infrastructure maintenance, preservation, and facility expansions more than a decade ago. The Common Council allocates funds through annual municipal budget approvals. The forecast assumption for the 2045 *Metropolitan Transportation Plan* is that the Alternative Transportation fund allocations will remain at a constant real dollar growth rate of 2.0% until the Year 2045 and that these funds will continue use for the purposes prescribed by the City of Bloomington.

Given Alternative Transportation Fund allocations from 2012 through 2019 for the City of Bloomington under the assumptions outlined above, the following fiscal period forecasts can be reached:

Fiscal Years 2021 through 2030 = \$8,378,638

Fiscal Years 2031 through 2045 = \$16,130,689

Total = \$24,509,328

Public Transportation Locally Derived Income

Federal transit program formula grants and capital investment grants help to support Bloomington Transit's service. Bloomington Transit is additionally supported by locally derived income (LDI) consisting of fare revenue, contract/other revenue, and local assistance. Bloomington Transit's locally derived income have no forecast for the 2045 MTP.

General Obligation Bonds

Monroe County and the City of Bloomington may use General Obligation (GO) bonds for transportation infrastructure investments. The use of this funding mechanism, however, is subject to a variety of unique circumstances. General Obligation Bonds have no forecast for the 2045 MTP given a measurable level of uncertainty over their use.

Conclusion

The Bloomington and Monroe County metropolitan planning area forecast suggests the receipt of approximately \$83.3 million in Federal Surface Transportation Block Grant (STBG) program, \$14.2 million in Highway Safety Improvement Program (HSIP), and \$4.7 million in Transportation Alternatives (TA) funds through Fiscal Year 2045 for transportation infrastructure investments.

The sum total of revenue sources from Monroe County and the City of Bloomington Motor Vehicle Highway Account, Wheel Tax, Local Road and Street, Cumulative Bridge Funds, Cumulative Capital Development, and Alternative Transportation Funds suggest that, given forecast assumptions, the BMCMPPO planning area will have over \$706.2 million in local funds available for safety, maintenance, preservation, and added multi-modal transportation system capacity activities for Fiscal Years 2021 through 2045. However, some of these funds are for other priorities within each local public agency. This sum total assumes the investment of all available local funds to transportation projects – a “very best case” financial forecast that may not reflect actual local funding spent over time on transportation-related projects.

The sum total of revenue sources for Bloomington Transit under formula grants, capital investment grants, and locally derived income suggest that, given forecast assumptions, the BMCMPPO metropolitan planning area will have over \$211.2 million available for transit service activities for Fiscal Years 2021 through 2045.

The national economic fallout resulting from the COVID-19 pandemic with 33.1 million currently (June 1, 2021) diagnosed cases and 591,000 deaths is unprecedented since the Great Depression in terms of unemployment, declining real incomes, lost productivity, and sharp drop in overall economic growth from national, regional, state, and local perspectives. The full implications of the current economic crisis generated by the pandemic has begun to “play out” during the first half of Calendar Year 2021 with widespread age cohort vaccinations. The Congressional Budget Office's economic outlook for C.Y. 2021 through 2025, however, projects modest growth quarter to quarter growth percentages until the beginning of 2026 (https://www.cbo.gov/publication/56982#_idTextAnchor003).

A reasonably accurate forecast of national, state, and regional economic recovery is therefore currently difficult pending a return of business and consumer confidence, and a return of subsequent employment and income to pre-pandemic levels. The U.S. Federal Reserve currently (October 2020) expects interest rates to remain at nominal levels until at least CY 2024. This framework establishes the current macro-level outlook for an economic recovery.

Although an accurate forecast for national or state economic recovery may not have an achievable level of accuracy, the methodology used by the BMCMPPO to forecast revenues is reliable and in accordance with 23 CFR 450.324 (part f11), given past revenue receipts and conservative growth rate assumptions.

Draft

Appendix B:

Transportation Planning Requirements

Introduction

The BMCMPPO 2045 *Metropolitan Transportation Plan* and the FY 2022-2026 Transportation Improvement Program were prepared in compliance with the Federal Fixing America's Surface Transportation (FAST) Act (Pub. L. No. 114-94) and predecessor federal legislation applicable to metropolitan transportation planning. Metropolitan Planning Organizations are required to have a continuous, cooperative and comprehensive ("3C") planning processes that implement projects, strategies and services that will address the ten (10) core planning factors. This Appendix addresses the core Federal planning factors (23 CFR 450.306(d)(4)(vi)) and further notes how the FY 2022-2026 Transportation Improvement Program incorporates each core planning factor from the 2045 *Metropolitan Transportation Plan*.

Federal Transportation Planning Factors

Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity and efficiency.

The FY 2022-2026 TIP based on the BMCMPPO 2045 Metropolitan Transportation Plan supports and builds upon the locally adopted 2012 Monroe County Comprehensive Plan, the 2018 City of Bloomington Comprehensive Plan, the 2018 Monroe County Transportation Alternatives Plan, and the 2019 City of Bloomington Transportation Plan in supporting the local economic development goals of partner communities. The 2045 MTP and the FY 2022-2026 TIP promote a safe and efficient multi-modal compact urban form transportation network with high levels of travel time reliability and on-time delivery/service maintenance by strengthened network circulation. The 2045 MTP and the FY 2022-2026 TIP address and incorporate connectivity and the ease of movement by persons and freight goods in and through the metropolitan area by making multi-modal investments thereby ensuring the availability of multiple sustainable travel options and bringing a comprehensive balance to the transportation system.

Increase the safety of the transportation system for motorized and non-motorized users. Safety investments are a high priority for the 2045 Metropolitan Transportation Plan.

The FY 2022-2026 TIP mirrors the 2045 *Metropolitan Transportation Plan* by focusing on increased safety of the transportation system for motorized and non-motorized users in the following ways:

- The FY 2022-2026 TIP and the 2045 MTP fully support the national transportation safety measures and safety targets of the Indiana Department of Transportation.

- The FY 2022-2026 TIP and the 2045 MTP advocate system preservation over capacity expansion, thereby limiting the addition of lane-miles where potential multi-modal user conflicts could occur.
- The FY 2022-2026 TIP and the 2045 MTP support increased investment in bicycle, pedestrian, and transit modes, providing opportunities for safer and more efficient travel by users of those modes.
- The projects contained in the FY 2022-2026 TIP reduce congestion by providing alternative routes for user needs thereby decreasing system conflicts and enhancing safety.
- The BMCMPPO *Complete Streets Policy* requires local planning agencies (LPAs) to consider the needs of all users within a corridor when designing a project investment. New projects programmed within the FY 2022-2026 TIP undergo Complete Streets Policy evaluations.
- As a new safety policy, the 2045 MTP recommends the adoption of a BMCMPPO-specific “Vision Zero” guiding principle goal under the premise that traffic deaths and severe injuries are largely preventable. This commitment shall define a timeline and bring stakeholders together to ensure a basic right of safety for all transportation system users through clear, measurable strategies.

Increase the security of the transportation system for motorized, non-motorized and transit users.

The *2045 MTP* enhances the security of all transportation users in several ways. Increasing roadway connectivity provides redundancy in the system, allowing for multiple motorist, freight, transit and non-motorist routes of ingress and egress plus flexibility in planning evacuation routes in emergency situations. The Monroe County Emergency Management Administration (EMA) is the lead county agency for security issues and BMCMPPO shall serve in a supporting role providing assistance as needed.

Bloomington Transit, IU Campus Bus and Rural Transit have multiple security strategies in operation including access control, surveillance and monitoring on system vehicles, the downtown transfer center, and office/maintenance facilities. Operations include Computer-Aided Dispatching and Automatic Vehicle Locator technology on all vehicles.

Increase the accessibility and mobility options available to people and freight.

The *2045 MTP and the FY 2022-2026 TIP* create and strengthen accessibility on two distinct levels. One focuses on improving the continuity of the road network. The other provides additional connections and improvements between modes of travel. All

residents, travelers and businesses benefit from this dual approach. The FY 2022-2026 TIP reduces travel and delivery time by increasing accessibility through the completion of key new connections and the enhancement of existing corridors. Access to the I-69 highway corridor through Monroe County increases statewide and national connectivity for local and regional interstate system users, including the movement of freight origin-destination operations within the urban metropolitan planning area.

The FY 2022-2026 TIP is consistent with the *2045 MTP* through increased bicycle and pedestrian mobility, as well as the safety of transit riders since all proposed road improvements are required to include provisions for these modes through an adopted *Complete Streets Policy*. Transit users, bicyclists, and pedestrians achieve greater safety with the availability of well-maintained sidewalks, curb ramps meeting current ADA standards, side-paths, multi-use pathways, and trails.

Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns.

The FY 2022-2026 TIP and the *2045 MTP* clearly support these goals by recommending the implementation of transportation projects that are consistent with adopted local land use plans. Local land use decisions within the BMCMPPO urban area have the greatest impact on transportation system performance. It is therefore paramount that transportation investments made by the MPO are supportive of best practices in land use planning, including focusing development density in existing urban centers rather than encouraging sprawl development.

The FY2022-2026 TIP focuses on system preservation over expansion as well as an emphasis on investment in non-motorized transportation facilities that shall support environmental protection and enhancement.

Finally, the FY 2022-2026 TIP strongly supports additional public transit systems services aimed at reducing single-occupant vehicle usage on the roadway network, and vehicle carbon emissions which contribute to climate change.

Enhance the integration and connectivity of the transportation system, across and between modes.

The FY 2022-2026 TIP sets forth a program projects that support the integration and connectivity goals of the transportation system. Roadway network improvements focus on enhancing the existing system while simultaneously providing key new connections. Investments across all surface transportation modes will expand travel options for community residents.

The FY 2022-2026 TIP 2045 additionally builds upon the multi-modal plans and programs of the 2045 MTP previous adopted metropolitan transportation plans where freight movements, transit system use, bicycling, and walking play an increased regional role. Programmed projects for public transit, bicycling, and walking promote multi-modal travel while reduced congestion, energy conservation, vehicle emissions, and generating quality of life improvements.

Promote efficient system management and operation

The BMCMPPO's local partners have refined pavement, bridge, traffic, and transit asset management systems. These systems allow responsible jurisdictions to monitor system performance, identify deficiencies, specify needs, and then define target projects to address needs.

Pavement, bridge, traffic, transit and other asset management systems provide state and local jurisdictional authorities the ability to use existing transportation facilities more efficiently and effectively in response to every changing system needs. All jurisdictions within the BMCMPPO are continuously updating individual asset management systems to address Americans with Disabilities Act (ADA) needs and to establish multi-modal investment priorities.

Bloomington Transit, IU Campus Bus and Rural Transit have mature asset and system management practices that promote safety, mobility and more efficient use of their existing transportation infrastructure as evidenced by the employment of information management, fleet maintenance and acquisition, marketing, schedule adherence and strategic planning, all contributing to public transit systems that successfully provides an alternative to automobiles.

Emphasize the preservation of the existing transportation system.

System preservation is a key tenet of the 2045 MTP guiding principles vision and goals. The 2045 MTP advocates a "fix it first" methodology to ensure that maintenance and system preservation represent a higher priority over investments that would expand the capacity of existing roads or the creation of new corridors. The FY 2022-2026 TIP reflects this policy approach.

All newly proposed FY 2022-2026 TIP roadway and roadway reconstruction improvements are on existing transportation corridors. Projects identified within the FY 2022-2026 TIP follow changes in land use thereby necessitating modernization investments for roadway safety, updated design standards, and the accommodation of multi-modal transit, bicycle and pedestrian users.

Improve the resiliency and reliability of the transportation system and reduce or mitigate storm water impacts of surface transportation.

The Monroe County Emergency Management Agency (EMA) is the local community's lead for crisis and disaster response. The MPO's local partners have representation on the Local Emergency Planning Committee. The EMA additionally works in close cooperation with Community Organizations Active in Disaster (COAD) for Monroe County as well as District 8 Indiana EMA, a multi-county regional EMA. Established local asset management systems allow for the timely assessment, speedy repair and recovery from unexpected infrastructure damage. Bloomington and Monroe County have long operated storm water utilities that manage such infrastructure and provide for its maintenance and enhancement over time. All programmed roadway corridors include storm water runoff control as a mandatory design component.

Enhance travel and tourism.

Monroe County and the City of Bloomington are historically recognized throughout the Midwest United States and Indiana as major travel and tourism destinations for:

- *Arts and Cultural Opportunities* within and outside of the Indiana Arts Commission's recognized Bloomington Entertainment and Arts District (BEAD). BEAD includes the "what to do" element of art galleries, museums, cultural centers, historic landmarks, and regional trails. The "what to eat" element of BEAD incorporates American and International cuisine restaurants, food trucks and carts, coffee & sweet shops, bars & pubs, breweries, and wineries and distilleries. BEAD's "where to stay" element includes hotels and motels, inns and Bed & Breakfasts, cabins and guesthouses, apartments and suites.
- *Outdoor Recreation Opportunities* given the presence of the Hoosier National Forest, the Charles C. Deam Wilderness Area, the Morgan-Monroe State forest, the Paynetown State Recreational Area, Lake Monroe, Lake Lemon, Griffy Lake Reservoir, nature preserves, hiking/biking trails, extensive county and community parks, recreational facilities, and alternative transportation multimodal pathway systems offering a full range of alternative active or passive recreational choices for all residents and visitors.
- *Major "Big Ten Conference" Sporting Events and Cycling Events* throughout the Indiana University academic calendar, including the women's and men's Little 500 Bike Races on the Indiana University Campus and the Bloomington Bicycle Club's Hilly Hundred Bike Ride.
- Regional and local retail shopping locations, and

- Access to high quality research through the Indiana University School of Medicine, major regional health care providers, diverse health care services, and regional health care facilities.

Given this context of travel and tourism, Monroe County and the City of Bloomington will maintain and continually modernize existing multimodal transportation system corridors for diverse travel and tourism needs while continually expanding pedestrian and bicycle infrastructure investments with new investments directed toward safety, convenience and seamless connectivity.

Draft

Appendix C:

Performance-Based Transportation Planning Targets

Introduction

The Fixing America's Surface Transportation (FAST) Act (Pub. L. No. 114-94) and the Moving Ahead for Progress in the 21st Century (MAP-21) Act (P.L. 112-141) established new requirements for transportation planning performance management. The following National performance goals meet established in seven (7) key areas in accordance with 23 USC 150: *National Performance Measure Goals*. Individual States and MPOs must establish performance targets in support of the national goals. The national performance goals for Federal Highway Administration (FHWA) programs are:

- **Safety** – To achieve a significant reduction in traffic fatalities and serious injuries on all public roads.
- **Infrastructure Condition** - To maintain the highway infrastructure asset system in a state of good repair.
- **Congestion Reduction** – To achieve a significant reduction in congestion on the National Highway System (NHS).
- **System Reliability** – To improve the efficiency of the surface transportation system.
- **Freight Movement and Economic Vitality** – To improve the national freight network, strengthen the ability of rural communities to access national and international trade markets, and support regional economic development.
- **Environmental Sustainability** - To enhance the performance of the transportation system while protecting and enhancing the natural environment.
- **Reduced Project Delivery Delays** – To reduce project costs, promote jobs and the economy, and expedite the movement of people and goods by accelerating project completion through the elimination of delays in the project development and delivery process, including reducing regulatory burdens and improving agencies' work practices.

The following discussion notes each of these key areas.

Performance Measures

The Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) issued new transportation planning rules on the statewide and metropolitan transportation planning processes to reflect the use of a performance based approach to decision-making in support of the national goals. These processes must document in writing how the Metropolitan Planning

Organizations (MPOs), the Indiana Department of Transportation (INDOT) and providers of public transportation shall jointly agree to cooperatively develop and share information related to transportation performance data, the selection of performance targets, the reporting of performance to be used in tracking progress toward attainment of critical outcomes for the region of the MPO (23 CFR 450.306(d)), and the collection of data for the INDOT asset management plan for the National Highway System as specified in 23 CFR 450.314(h).

The FTA's performance measures for Transit Asset Management are published and currently in effect. FHWA currently has performance measures and final regulations published for Safety, Bridge and Pavement Conditions, Congestion Reduction and System Reliability.

INDOT along with the MPOs and FHWA will continue collaborating to identify Performance Targets for each Performance Measure. Once Performance Targets are established, the Transportation Improvement Program (TIP) and Statewide Transportation Improvement Program (STIP) shall require modification reflecting this information.

For FHWA and FTA to approve any TIP amendments after May 27, 2018, INDOT, MPOs and Public Transit Operators must reflect this information and describe how projects in the TIP/STIP, shall (to the maximum extent practicable) achieve the Federally required performance targets identified in the Statewide and Metropolitan Transportation Plans, linking investment priorities to these performance targets.

Safety Target Performance Measures

INDOT, the MPOs, FHWA, and the Indiana Criminal Justice Institute (ICJI) actively discuss and collaborate on the Indiana's Safety Performance Measures and Safety Performance Targets. INDOT initially submitted Safety Performance Target Measures in 2018 followed by an updated 2020 target submission.

Indiana's MPOs collectively support INDOT's Safety Targets. The Highway Safety Improvement Program (HSIP) is a primary source of federal funds for qualifying safety improvement projects. INDOT and the Indiana's MPOs use HSIP along with other funding sources for the implementation of safety improvements with the purpose to reduce roadway crashes, and a corresponding reduction in fatalities and serious injuries on all public roads. The five specific safety performance measures are:

- Number of fatalities;
- Rate of fatalities;
- Number of serious injuries;
- Rate of serious injuries; and
- Number of non-motorized fatalities and non-motorized serious injuries

The Bloomington-Monroe County Metropolitan Planning Organization (BMCMPPO) agreed in January 2020 to support the 2020 safety targets established by the Indiana Department of

Transportation as reported to the National Highway Traffic Safety Administration and Federal Highway Administration.

The Indiana Department of Transportation's projected 2020-2021 safety maximum targets based on five-year rolling averages received by the BMCMPPO on September 30, 2020 are:

- Projected 2020 Number of Fatalities = 907.7
- Projected 2020 Number of Serious Injuries = 3,467.4
- Projected 2020 Fatality Rate (fatalities per 100 million miles traveled) = 1.097
- Projected 2020 Serious Injury Rate (injuries per 100 million miles traveled) = 4.178
- Projected 2020 Total Number of Non-Motorist Fatalities and Serious Injuries = 405.9
- Projected 2021 Number of Fatalities = 832
- Projected 2021 Number of Serious Injuries = 3,427
- Projected 2021 Fatality Rate (fatalities per 100 million miles traveled) = 1.057
- Projected 2021 Serious Injury Rate (injuries per 100 million miles traveled) = 4.355
- Projected 2021 Total Number of Non-Motorist Fatalities and Serious Injuries = 422

The Bloomington-Monroe County Metropolitan Planning Organization (BMCMPPO) will support INDOT's maximum safety targets by incorporating planning activities, programs, and projects in the *2045 Metropolitan Transportation Plan* and the *FY 2022 - 2026 Transportation Improvement Program*. The BMCMPPO Policy Committee approved this action at a regularly scheduled meeting on October 9, 2020.

Pavement Condition Target Performance Measures

The Bloomington-Monroe County Metropolitan Planning Organization (BMCMPPO) agreed in October 2018 to support the 2019 and 2021 Pavement Condition targets established by the Indiana Department of Transportation (INDOT) as reported to the Federal Highway Administration (FHWA). The 2019 and 2021 pavement targets based on a certified Transportation Asset Management Plan are:

- Percent of Interstate pavements in Good condition
- Percent of Interstate pavements in Poor condition
- Percent of non-Interstate NHS pavements in Good condition
- Percent of non-Interstate NHS pavements in Poor condition

The BMCMPPO agreed to support the Indiana Department of Transportation's 2019 and 2021 Pavement Condition targets established by the Indiana Department of Transportation for reporting to the Federal Highway Administration. The 2019 and 2021 pavement targets based on a certified Transportation Asset Management Plan are:

- 2019 Percent of Interstate pavements in Good condition - 84.24%
- 2019 Percent of Interstate pavements in Poor condition - 0.80%
- 2019 Percent of non-Interstate NHS pavements in Good condition - 78.71%

- 2019 Percent of non-Interstate NHS pavements in Poor condition - 3.10%
- 2021 Percent of Interstate pavements in Good condition - 84.24%
- 2021 Percent of Interstate pavements in Poor condition - 0.80%
- 2021 Percent of non-Interstate NHS pavements in Good condition - 78.71%
- 2021 Percent of non-Interstate NHS pavements in Poor condition - 3.10%

The BMCMPPO will support the Pavement Condition targets by incorporating planning activities, programs, and projects in the Adopted Metropolitan Transportation Plan and the current Transportation Improvement Program. The BMCMPPO Policy Committee approved this action at their regularly scheduled meeting on October 12, 2018.

Bridge Performance Measures

The Bloomington-Monroe County Metropolitan Planning Organization (BMCMPPO) agreed in October 2018 to support the Indiana Department of Transportation's 2019 and 2021 statewide National Highway System (NHS) Bridge Condition targets for the following performance measures:

- Percent of NHS bridges by deck area classified as in Good condition
- Percent of NHS bridges by deck area classified as in Poor condition

The BMCMPPO will support the 2019 and 2021 NHS Bridge Condition targets established by the Indiana Department of Transportation for reporting to the Federal Highway Administration. The 2019 and 2021 NHS Bridge Condition targets based on a certified Transportation Asset Management Plan are:

- 2019 Percent of NHS bridges by deck area classified in Good condition - 48.32%
- 2019 Percent of NHS bridges by deck area classified in Poor condition - 2.63%
- 2021 Percent of NHS bridges by deck area classified in Good condition - 48.32%
- 2021 Percent of NHS bridges by deck area classified in Poor condition - 2.63%

The BMCMPPO will support the NHS Bridge Condition targets by incorporating planning activities, programs, and projects in the Adopted Metropolitan Transportation Plan and the current Transportation Improvement Program. The BMCMPPO Policy Committee approved this action at their regularly scheduled meeting on October 12, 2018.

System Performance

The system performance measures are also applicable to the Interstate and non-Interstate NHS. These performance measures assess National Highway System (NHS) truck travel time reliability and interstate freight reliability targets, and performance measures for on-road mobile source emissions consistent with the national Congestion Mitigation and Air Quality (CMAQ) Program.

NHS Truck Travel Time Reliability Targets

The Bloomington-Monroe County Metropolitan Planning Organization (BMCMPPO) elected to plan and program projects so that they contribute towards the accomplishment of the Indiana

Department of Transportation's 2019 and 2021 NHS Truck Travel Time Reliability targets for the performance measures are as follows:

- Level of Travel Time Reliability on Interstate
- Level of Travel Time Reliability on non-Interstate NHS

The BMCMPPO agrees to support the 2019 and 2021 NHS Truck Travel Time Reliability targets established by the Indiana Department of Transportation for reporting to the Federal Highway Administration. The 2019 and 2021 statewide travel time reliability targets based on percent of person miles that are certified as reliable:

- 2019 Percent of person miles reliable on Interstate - 90.5%
- 2021 Percent of person miles reliable on Interstate - 92.8%
- 2021 Percent of person miles reliable on non-Interstate - 89.8%

The BMCMPPO will support the NHS Truck Travel Time Reliability targets by incorporating planning activities, programs, and projects in the Adopted Metropolitan Transportation Plan and the current Transportation Improvement Program. The BMCMPPO Policy Committee approved this action at their regularly scheduled meeting on October 12, 2018.

Interstate Freight Reliability Targets

The Bloomington-Monroe County Metropolitan Planning Organization (BMCMPPO) elected to plan and program projects so that they contribute towards the accomplishment of the Indiana Department of Transportation's 2019 and 2021 Interstate Freight Reliability targets for the following performance measure:

- Interstate Freight Reliability

The BMCMPPO agrees to support the 2019 and 2021 Interstate Freight Reliability targets established by the Indiana Department of Transportation for reporting to the Federal Highway Administration. The 2019 and 2021 Interstate Freight Reliability targets based on the truck travel time reliability index are:

- 2019 Interstate freight reliability index -1.27
- 2021 Interstate freight reliability index -1.24

The BMCMPPO will support the Interstate Freight Reliability targets by incorporating planning activities, programs, and projects in the Metropolitan Transportation Plan and the current Transportation Improvement Program. The BMCMPPO Policy Committee approved this action at their regularly scheduled meeting on October 12, 2018.

On-Road Mobile Source Emission Target Performance Measures

The Bloomington-Monroe County Metropolitan Planning Organization (BMMPO) has elected to plan and program projects so that they contribute towards the accomplishment of the Indiana

Department of Transportation's 2019 and 2021 On-Road Mobile Source Emission targets for the performance measures listed below.

- CMAQ project reduction volatile organic compounds (VOC)
- CMAQ project reduction carbon monoxide (CO)
- CMAQ project reduction oxides of nitrogen (NO_x)
- CMAQ project reduction particulate matter less than 10 microns (PM₁₀)
- CMAQ project reduction particulate matter less than 2.5 microns (PM_{2.5})

The BMCMPPO agrees to support the 2019 and 2021 On-Road Mobile Source Emission reduction targets established by the Indiana Department of Transportation for reporting to the Federal Highway Administration. The 2019 and 2021 On-Road Mobile Source Emission reduction targets based on kilograms per day are:

- 2019 Volatile Organic Compounds (VOCs) reduction of 1,600 kilograms per day
- 2019 Carbon Monoxide (CO) reduction of 200 kilograms per day
- 2019 Oxides of Nitrogen (NO_x) reduction of 1,600 kilograms per day
- 2019 Particulate Matter (PM₁₀) less than 10 microns reduction of 0.30 kilograms per day
- 2019 Particulate Matter (PM_{2.5}) less than 2.5 microns reduction of 20 kilograms per day
- 2021 Volatile Organic Compounds (VOCs) reduction of 2,600 kilograms per day
- 2021 Carbon Monoxide (CO) reduction of 400 kilograms per day
- 2021 Oxides of Nitrogen (NO_x) reduction of 2,200 kilograms per day
- 2021 Particulate Matter (PM₁₀) less than 10 microns reduction of 0.50 kilograms per day
- 2021 Particulate Matter (PM_{2.5}) less than 2.5 microns reduction of 30 kilograms per day.

The BMCMPPO has and will continue support the On-Road Mobile Source Emission reduction targets by incorporating planning activities, programs, and projects in the Metropolitan Transportation Plan and the current Transportation Improvement Program. The BMCMPPO Policy Committee approved this action at their regularly scheduled meeting on October 12, 2018.

Transit Performance Measures

The Transit Asset Management Final Rule requires transit providers to set performance targets for state of good repair by January 1, 2017. The Federal Transit Administration (FTA) initially extended that deadline to January 1, 2018. The Planning Rule requires each MPO to establish targets not later than 180 days after the date on which the relevant provider of public transportation establishes its performance targets. The adopted BMCMPPO 2045 Metropolitan Transportation Plan recognizes the following FY 2021 targets established by Bloomington Transit (BT) in the following categories:

- ***Bloomington Transit Rolling Stock (Revenue Vehicles):*** Percent of revenue vehicles that have met or exceeded their useful life benchmark.
 - *FY 2021 Rolling Stock Target = 25%.*
 - *FY 2021 Cutaway Bus Target = 0%.*
 - *FY 2021 Minivan Target = 0%.*
- ***Bloomington Transit Equipment:*** Percent of service vehicles that have met or exceeded their useful life benchmark.
 - *FY 2021 Non-revenue automobiles = 35%*
 - *FY 2021 Trucks = 0%*
 - *FY 2021 Vans = 70%*
 - *FY 2021 Bus Wash = 100%*
 - *FY 2021 Forklift = 100%*
- ***Bloomington Transit Facility:*** Percent of facilities rated below 3 on the condition scale.
 - *FY 2021 Administration/Maintenance facility - 0%*
 - *FY 2021 Passenger facility (downtown transit center) - 0%*

Appendix D:

Environmental Justice

Introduction

The U.S. Environmental Protection Agency defines Environmental Justice as “fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income with respect to the development, implementation and enforcement of environmental laws, regulations and policies.”

Federal Statutes

Title VI of the Civil Rights Act of 1964 requires that no person in the United States shall on the grounds of race, color, national origin, gender, age, or disability be excluded from participation in, or be denied the benefits of, or be subjected to discrimination under any provision or activity of federal aid recipients, sub-recipients or contractors. Title VI established a standard of conduct for all Federal activities that prohibits discrimination.

Executive Order 12898, issued on February 11, 1994 titled *Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations*, and the President’s Memorandum on Environmental Justice, directed every federal agency to make environmental justice part of its mission by identifying and addressing the effects of all programs, policies and activities on “minority populations and low-income populations”.

The institution of environmental justice (EJ) ensures equal protection under federal laws, including the following:

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d *et seq.*, 78 stat. 252),
- The National Environmental Policy Act (NEPA) of 1969, 42 U.S.C. § 4321;
- The Uniform Relocation Assistance and Real Property Acquisitions Policies Act of 1970, as amended, 42 U.S.C. § 4601
- Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 *et seq.*) as amended, (prohibits discrimination on the basis of disability);
- The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 *et seq.*), (prohibits discrimination on the basis of age);
- The Americans with Disabilities Act of 1990, as amended, (42 U.S.C. § 12101 *et seq.*), (prohibits discrimination on the basis of disability)

All policies, programs, and other activities undertaken, funded, or approved by the FHWA, FTA, or other US DOT components must comply with EJ requirements from initial concept development through post-construction operations and maintenance (policy decisions, systems planning, project development and NEPA review, preliminary design, final design, right of way, construction, operations, and maintenance).

The underlying principle of Title VI for the *2045 Metropolitan Transportation Plan* is that minority and low-income residents should:

- Participate in the planning process;
- Benefit from planned transportation improvements; and
- Not bear an unfair burden of the environmental impacts.

The *2045 Metropolitan Transportation Plan* estimates growth patterns using 2010 Census data and future transportation needs which aid in assessing the benefits and burdens that future transportation projects might have on traditionally disadvantaged populations. Plan development provides growth projections to evaluate opportunities for all populations to provide input (Public Participation Plan), assess the effects of future decisions on neighborhoods, the environment, and the economy, and help ensure that the benefits and impacts of future transportation systems are equally distributed.

Methodology & Results

The *2045 MTP* environmental justice methodology relied upon demographic and socioeconomic data from the U.S. Bureau of the Census, *American Community Survey (ACS) 2013-2017 Five-Year Estimate, Poverty Status* for each of Monroe County's sixteen (16) Census Tracts. Examinations of each census tract incorporated estimates of total population in relation to minority populations and percentage of population below poverty status. **Table 1** summarizes the percentage of non-white and below poverty populations per Census Tract for Monroe County given currently available data. Individual Census Tract identifications relied on two environmental justice characteristics:

- *High minority population tracts where 50 percent or more of the residents in the tract consists of "minority" populations; and*
- *Low income tracts where 50 percent or more of the individuals within the tract are classified as living below poverty level.*

Monroe County census tracts with 50 percent or more of either of the two environmental justice characteristics identify locations of importance for transportation planning and project

development needs. The identified areas with high proportions of minority population and poverty levels within Monroe County encompass:

- **Census Tract 1** covering the Bloomington Central Business District and immediate surrounding areas;
- **Census Tract 2.01** covering the northern portion of the Indiana University campus;
- **Census Tract 2.02** covering the southern portion of the Indiana University campus;
- **Census Tract 6.01** covering the west portion of the City of Bloomington
- **Census Tract 6.02** covering the northwestern portion of the City of Bloomington; and
- **Census Tract 16** covering the area north of downtown Bloomington and immediately northwest of the Indiana University campus.

Figure 1 illustrates the Monroe County census tracts with 50 percent or more of the two environmental justice characteristics subject to compliance for current or future transportation system projects. The *2045 Metropolitan Transportation Plan* does not foresee any residential project displacements, commercial project displacements or adverse environmental impact for any project within Monroe County's identified Environmental Justice census tracts.

The Environmental Justice census tracts identified for this plan encompass most of the Indiana University campus and/or have high concentrations of off-campus housing desired by the university's student populations. The high percentage below poverty classification for these tracts is very likely a reflection of the large number of students residing within geographically established boundaries. Furthermore, Tract 2.02 has a high minority proportion possibly reflecting international student residents. By comparison, the Bloomington Housing Authority manages a large low-income housing complex within Tract 6.01 as do several other agencies within this tract. Tract 6.01 is close to meeting the EJ characteristics, but offers some context when comparing it to the balance of environmental justice census tracts that have high student populations. Projects that are within environmental justice census tracts shall require higher levels of analysis during Red Flag Investigations prior to Transportation Improvement Program (TIP) programming. This in turn may require the need to address specific EJ concerns as a project moves forward with implementation.

Public transit service is an additional Environmental Justice consideration. **Figure 1** provides a useful reference for assessing the spatial relationship between Transit services and Environmental Justice compliance. Bloomington Transit, Indiana University (IU) Campus Bus, and Rural Transit provide transit services within and in close proximity to Indiana University and the downtown area (Tracts 1, 2.01, 2.02, 6.01, 6.02, and 16). Taken together, Bloomington Transit, IU Campus Bus, and Rural Transit provide a thorough range of transit services to all Environmental Justice Tracts within Monroe County. Future transit investments supported by

the *2045 Metropolitan Transportation Plan* shall continue to enhance mobility and service for all Environmental Justice tract populations.

The multi-modal transportation improvements contained in the *2045 Metropolitan Transportation Plan* will benefit areas with a concentration of low-income households through improved mobility and accessibility without having a “disproportionately high” or “adverse” impacts. No households will undergo displacement in implementing transportation improvements within these low-income or high minority areas. Finally, the *2045 MTP* makes multi-modal transportation investments within, and to, low-income areas ensuring that low-income groups receive a proportionate share of benefits, without enduring adverse social, economic or environmental impacts. Given these consideration factors, the *2045 Metropolitan Transportation Plan* is in compliance with Title VI relative to Environmental Justice.

Environmental Justice Conclusions

Table 1 and **Figure 1** define current Monroe County Environmental Justice census tracts with respective minority populations and poverty thresholds meeting Title VI requirements as they relate to transportation planning. Census tracts 1, 2.01, 2.02, and 16 illustrate a high minority population and poverty level concentrations within and surrounding the Indiana University campus. Conversely, environmental justice census tracts 6.01 and 6.02 reflect the City of Bloomington’s poverty levels along the west and northwest corporate boundaries. No other environmental justice areas reside within balance of the metropolitan planning area or more rural areas of Monroe County.

Environmental Justice – Future Reassessments

Future reassessments of identifiable Monroe County environmental justice census tracts will coincide with the release of the 2020 Census data in calendar years 2021-2022. At present (08-17-2020), Indiana’s self-response rate stands at only 67.2% in comparison to a national self-response rate of 63.0%. These low rates are a reflection of the once-in-a-century global and national COVID-19 pandemic plus current domestic economic, social, and political crises exacerbated by the pandemic. The U.S. Census Bureau requested from the U.S. Congress in April 2020 a four-month extension of the 2020 Census allowing for an October 31, 2020, targeted completion given the COVID-19 pandemic plus significant population undercounts in national urban areas with traditionally underrepresented environmental and social justice communities. The U.S. Census Bureau announced in August 2020 a prematurely shortened deadline supported by the national administration of September 30, 2020. This action will effectively limit non-response follow-up (NRFU) within the Bloomington urban area, Monroe County, the State of Indiana, and national communities leading to potentially significant undercounts of total populations plus disproportionate undercounts within vulnerable environmental justice and social justice populations who reside in urban political jurisdictions. The long-term consequential impacts of prematurely shortened statutory reporting deadlines on the Bloomington-Monroe County urban area includes (1) significant multi-million decade-long losses of federal-fund allocations supporting critical local transportation, social, economic, environmental needs, and (2) continued social inequities which local jurisdictions must solely

address without federal support for the linkage of environmental and social justice communities populations to jobs, education, health care, and greater respective jurisdictional communities.

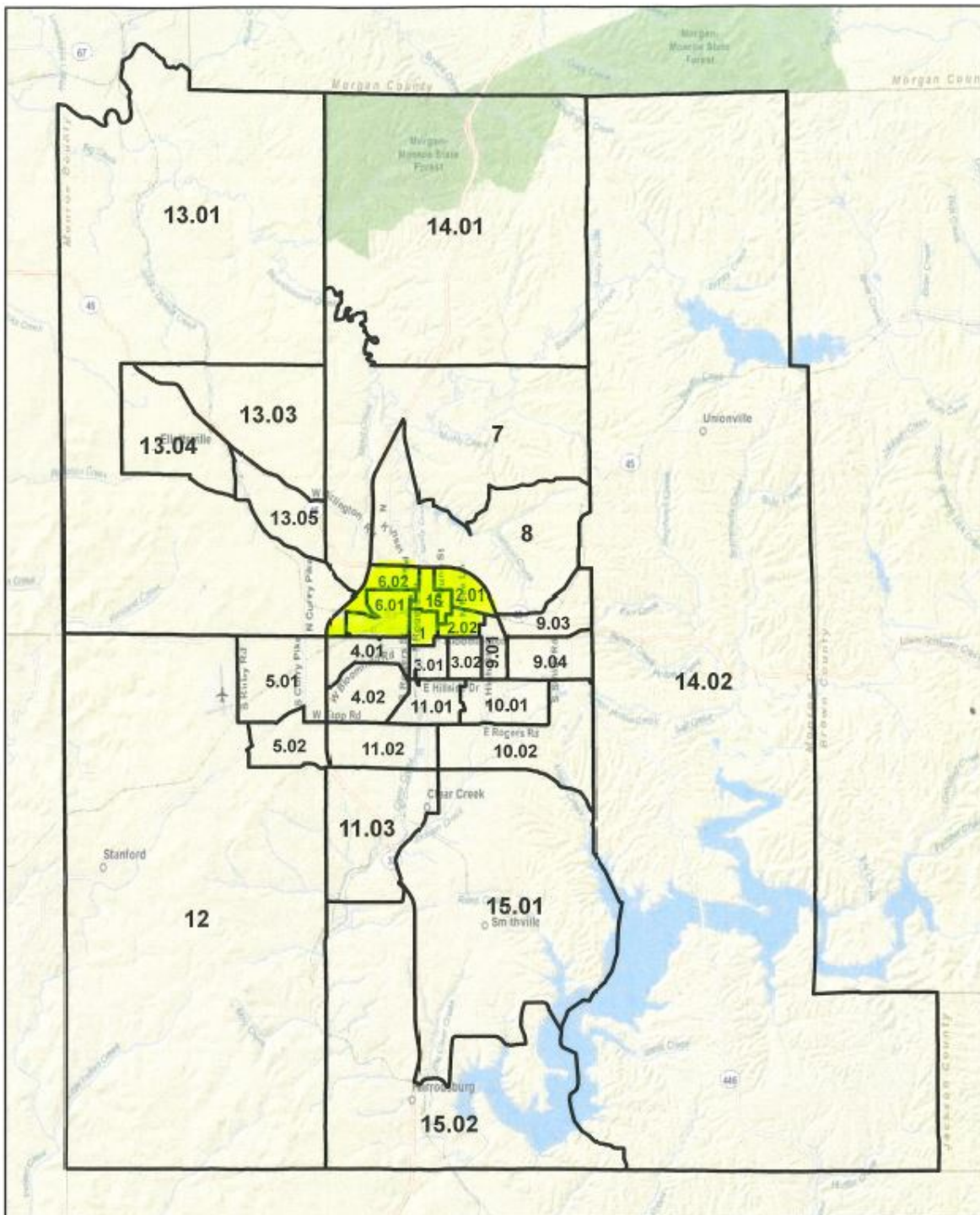
Table 1 - Monroe County Census Tracts - Environmental Justice Population Estimates*

2013-2017 Census Tract	Estimated Population	Estimated White Only**	Estimated Non-White	Estimated % Minority	Est. Population Below Poverty Level	Est. % Population Below Poverty Level
1	5,248	4,651	597	11.4%	3,942	75.1%
2.01	323	53	270	83.6%	243	75.2%
2.02	60	45	15	25.0%	36	60.0%
3.01	3,930	3,332	598	15.2%	1,292	32.9%
3.02	2,871	2,733	138	4.8%	946	33.0%
4.01	4,171	3,329	842	20.2%	1,111	26.6%
4.02	4,697	3,744	953	20.3%	877	18.7%
5.01	4,370	3,903	467	10.7%	699	16.0%
5.02	3,450	2,781	669	19.4%	456	13.2%
6.01	3,956	2,822	1,134	28.7%	2,024	51.2%
6.02	3,428	2,748	680	19.8%	1,842	53.7%
7.00	3,021	2,792	229	7.6%	316	10.5%
8.00	5,713	4,818	895	15.7%	1,223	21.4%
9.01	3,262	2,393	869	26.6%	1,357	41.6%
9.03	5,198	4,145	1,053	20.3%	1,622	31.2%
9.04	5,434	3,214	2,220	40.9%	2,256	41.5%
10.01	5,604	4,601	1,003	17.9%	564	10.1%
10.02	6,032	4,814	1,218	20.2%	721	12.0%
11.01	5,775	4,276	1,499	26.0%	2,147	37.2%
11.02	4,422	3,322	1,100	24.9%	610	13.8%
11.03	2,955	2,762	193	6.5%	328	11.1%
12.00	5,994	5,702	292	4.9%	314	5.2%
13.01	5,780	5,376	404	7.0%	407	7.0%
13.03	5,931	5,677	254	4.3%	303	5.1%
13.04	4,278	4,036	242	5.7%	853	19.9%
13.05	2,122	2,029	93	4.4%	198	9.3%
14.01	2,082	2,018	64	3.1%	115	5.5%
14.02	5,749	5,556	193	3.2%	564	9.8%
15.01	5,593	5,237	356	6.4%	492	8.8%
15.02	2,910	2,818	92	3.2%	326	11.2%
16	4,953	4,336	617	12.5%	3,790	76.5%
TOTAL	129,312	110,073	19,239	14.9%	31,974	24.7%

*Source: U.S. Census Bureau, ACS 2013-2017 Five-Year Estimate, Poverty Status in the past 12 months, December 2019.

**White alone, not Hispanic or Latino

Figure 1 - Monroe County, Indiana - Environmental Justice Census Tracts *



*Source: U.S. Census Bureau, ACS 2013-2017 Five-Year Estimate, Poverty Status in the past 12 months. Prepared December 2019.

Appendix E:

Air Quality and Climate Change Assessments

Overview

The Clean Air Act of 1970 (CAA 1970) requires the development of a State Implementation Program (SIP) for achieving National Ambient Air Quality Standards (NAAQS) in non-attainment areas. The relationship between transportation planning and air quality planning formalized with the Clean Air Act Amendments of 1990. Locally, this led to the establishment of a direct relationship between projects in the Bloomington-Monroe County Metropolitan Planning Organization's (BMCMPPO) Transportation Improvement Program (TIP) and air quality compliance.

Air quality conformity determinations are required under current federal requirements for major transportation investments in designated air quality "non-attainment" and "maintenance" areas. The composite of major transportation investments contained in a Metropolitan Planning Area's (MPA) Long Range Transportation Plan (LRTP) must therefore demonstrate air quality improvement or, at minimum, no degradation in air quality relative to the "Existing Plus Committed" transportation network. The BMCMPPO study area that includes the urbanized area within Monroe County is an air quality attainment area.

The State of Indiana's Ambient Air Quality Monitoring Network includes the operation of one (1) air quality monitoring site within the Bloomington-Monroe County Metropolitan Planning Area. This monitoring site, located at Binford Elementary School (**Figure F1**) and active since April 1, 2009 (https://www.in.gov/idem/airquality/files/monitoring_network_description.xls), continuously samples fine particulate matter with a diameter of 2.5 microns or less (PM_{2.5}) in hourly increments. The creation of this fine particulate matter primarily originates from industrial processes and fuel combustion.

As noted by the Indiana Department of Environmental Management (IDEM), "the annual standard for PM_{2.5} is 12.0 micrograms per cubic meter (µg/m³). Attainment is determined by evaluating the average of the annual arithmetic means over a three-year period. The three-year average of the weighted annual mean of PM_{2.5} concentrations from a single monitor must be less than or equal to 12.0 µg/m³. A monitor that measures 12.05 µg/m³ or higher identifies as nonattainment. The annual site design value is the average of the annual mean over three-years. An annual mean is the average of that year's four quarterly averages, unrounded. A quarterly mean is the average of all available data from the respective quarter. The annual site design value rounds to one decimal place. The United States Environmental Protection Agency (USEPA) revised the annual standard for fine particulate matter on December 14, 2012. This standard was effective March 18, 2013. Therefore, design values are not comparable to the new annual standard until the year ending 2013."

IDEM's PM_{2.5} Annual Monitoring Data from April 2009 through July 31, 2019 for the Bloomington-Monroe County Binford Elementary School site shows a consistent PM_{2.5} decline within the urban area from 10.62 µg/m³ to 7.70 µg/m³ (**Table F1**). As previously noted, a monitor that measures 12.05 µg/m³ or higher achieves nonattainment status.

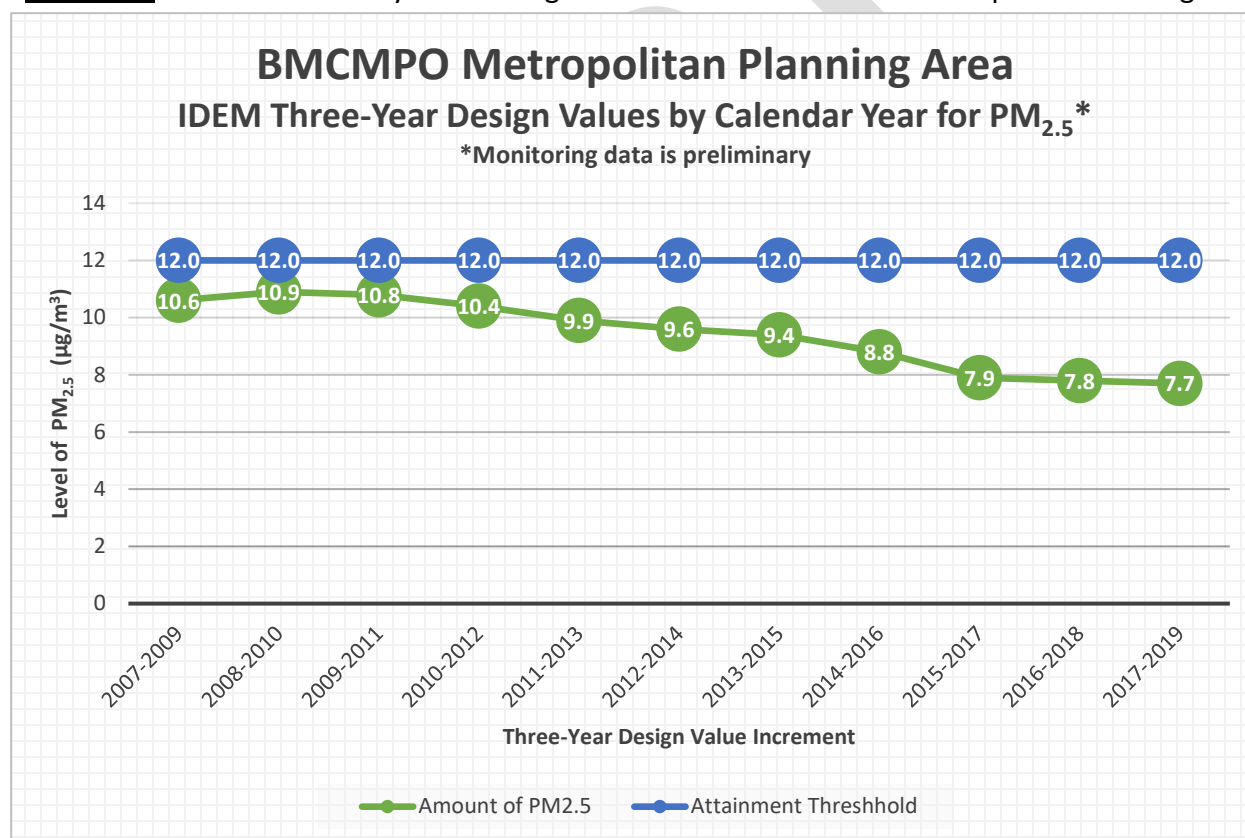
The 2017-2019 three-year design value for the Bloomington-Monroe County PM_{2.5} monitor is 18 µg/m³. Reference data are available at

https://www.in.gov/idem/airquality/files/monitoring_quick_view_pm25.xls.

Air Quality Compliance

Monroe County and the City of Bloomington currently meet federal air quality standards, and the region is therefore in “attainment” for criteria pollutants. The NAAQS set limits on atmospheric concentrations of six criteria pollutants—lead, carbon monoxide, nitrogen dioxide, sulfur dioxide, ozone, and particulate matter—that cause smog, acid rain, and other health hazards.

Figure F1: Annual Air Quality Monitoring Data within the BMCMPPO Metropolitan Planning Area.



A conformity determination is not required for the Bloomington and Monroe County Metropolitan Planning Area. The projects programmed in the *2045 Metropolitan Transportation Plan* should therefore result in an improvement to air quality given a system-wide investment focus on multimodal safety, maintenance and preservation, public transit, and

bicycle/pedestrian facilities. The travel demand model analysis completed for the *2040 Metropolitan Transportation Plan* indicates that vehicle miles of travel (VMT) will increase for the “No-Build, Do-Nothing” (Existing Plus Committed) and alternative transportation network over the next two decades years given forecast assumptions about:

- System-wide roadway network volume-to-capacity ratios;
Roadway network miles operating below Level-of-Service “C”;
Vehicle-miles of travel on facilities operating on below Level-of-Service “C”;
Congested vehicle-hours of travel; and
Total vehicle-miles of travel.

The BMCMPPO travel demand forecast model suggests that air quality could degrade over the Year 2045 forecast period if agencies within the Bloomington and Monroe County Metropolitan Planning Area make no further major transportation investments for system preservation. This finding assumes (1) continued growth of vehicles miles of travel, (2) a correlation of congestion and air quality to vehicle speeds, (3) total vehicles, and (4) vehicle miles of travel. Simply stated, an increase in mobile source generated carbon monoxide and ozone (hydrocarbons and nitrous oxides) could occur under a “no-build” Transportation Plan alternative scenario.

Conversely, the most favorable of the Travel Demand Model scenario alternatives for air quality (e.g., “Peak Oil”, a quantitative decrease of overall urban area vehicle miles traveled or a dedicated policy of a compact urban form, e.g., “Urban Infill”) documented in the *2040 Metropolitan Transportation Plan* and the *2045 Metropolitan Transportation Plan* focus on (1) public transportation and alternative transportation without adding capacity and (2) emphasizing system-wide capacity preservation and maintenance that could result in air quality improvements over the no-build condition through the achievement of reductions in:

- System-wide volume-to-capacity ratios;
Congested roadways;
Vehicle miles of travel on congested roadways;
Congested vehicle hours of travel; and
Continued implementation of federal automobile fuel efficiency standards (i.e., corporate average fuel economy known as “CAFE”).

Forecast growth in population, employment, households, and real disposable income will bring about increased transportation demands within the BMCMPPO Metropolitan Planning Area during the forecast period extending to Year 2045 under current economic assumptions. The recommendations of the *2045 Metropolitan Transportation Plan* will, however, contribute to overall air quality improvement through a systematic application of transportation capacity preservation, minimal capacity expansion projects, and continued multi-modal system growth of the public transportation, bicycle, and pedestrian systems.

One additional note not accounted for in the BMCMPPO travel demand modeling process involves a formal national-level rollback of the CAFE

(<https://www.federalregister.gov/documents/2009/03/30/E9-6839/average-fuel-economy-standards-passenger-cars-and-light-trucks-model-year-2011>) fuel economy standards for cars, light trucks and SUVs announced by the U.S. Department of Transportation and the Environmental Protection Agency on March 30, 2020. Final Rules published in the Federal Register (<https://www.regulations.gov/docket?D=NHTSA-2018-0067>) and (<https://www.regulations.gov/docket?D=EPA-HQ-OAR-2018-0283>) redirects Corporate Average Fuel Economy (CAFE) standards for vehicle manufacturers. This new federal rule takes effect in late calendar year 2020 directs manufacturers to achieve a 1.5% annual increase in vehicle fuel efficiency in place of a 5% annual increase under the current rule issued in 2012. Under this final federal rule issuance, new cars would have to average approximately 40 miles per gallon instead of closer to 50 miles per gallon by 2026. The major consequence of this decision is (1) an increased scientifically modeled probability of increased vehicle emission air pollutants, (2) a scientific modeled concomitant increase in atmospheric warming, and (3) scientifically documented climate change. A protracted set of near-term legal challenges are expected over the course of the next 1-3 calendar years. The transportation sector of the national economy is the largest source of climate change greenhouse gases in the United States according to USEPA scientifically documented data.

The USEPA *Policy Assessment for the Review of the National Ambient Air Quality Standards for Particulate Matter, External Review* (https://www.epa.gov/sites/production/files/2019-09/documents/draft_policy_assessment_for_pm_naaqs_09-05-2019.pdf) rigorously demonstrated that lowering particulate matter (PM) standards could save upward of 67,000 lives nationally. The USEPA nevertheless announced in April 2020 a proposal to retain, without changes, the National Ambient Air Quality Standards (NAAQS) for particulate matter (PM) including both fine particles (PM_{2.5}) and coarse particles (PM₁₀).

In July 2020, the Council on Environmental Quality (CEQ) published in the *Federal Register* a Final Rule to “modernize” National Environmental Policy Act (NEPA) Regulations. The final rule, the first major update to the CEQ regulations since their promulgation in 1978, will become effective on September 14, 2020

The final rule includes significant changes to the analysis of effects and alternatives including:

- Changes the definition of “major federal action,” which triggers NEPA review
- Eliminates direct, indirect, and cumulative effects (e.g., Climate Change), and focusing the analysis on effects that are reasonably foreseeable and that have a reasonably close causal relationship to the proposed action. The terms “reasonably foreseeable” and “reasonably close” are not quantifiably defined with scientific rigor thereby leaving them open to non-scientific legal arguments and/or interpretations.
- Redefines the term “reasonable alternatives” so that they must demonstrate technical and economic feasibility, and meet the proposed action purpose and need.

- Repeals the specific requirement to consider cumulative effects normally used for climate change analysis thereby undercutting substantive scientifically documented climate change data published since the mid-1800s in the United States and within Indiana by Purdue University and Indiana University climate scientists.
- Newly emphasizes the “need for disclosure” in contrast to a traditional focus on public participation. Public comments must have high specificity, and comment submissions must occur during prescribed comment periods. Agencies need only respond to “*substantive*” comments. Comments or objections not submitted within prescribed definitions will be deemed “*forfeited as unexhausted*.” Agencies would have the *discretionary* need for public meetings or hearings, formally a critical element in the development of an Environmental Impact Statement (EIS). The CEQ proposed rule additionally *eliminates* a mandatory 30-day comment period on Final Environmental Impact Statements (FEISs).

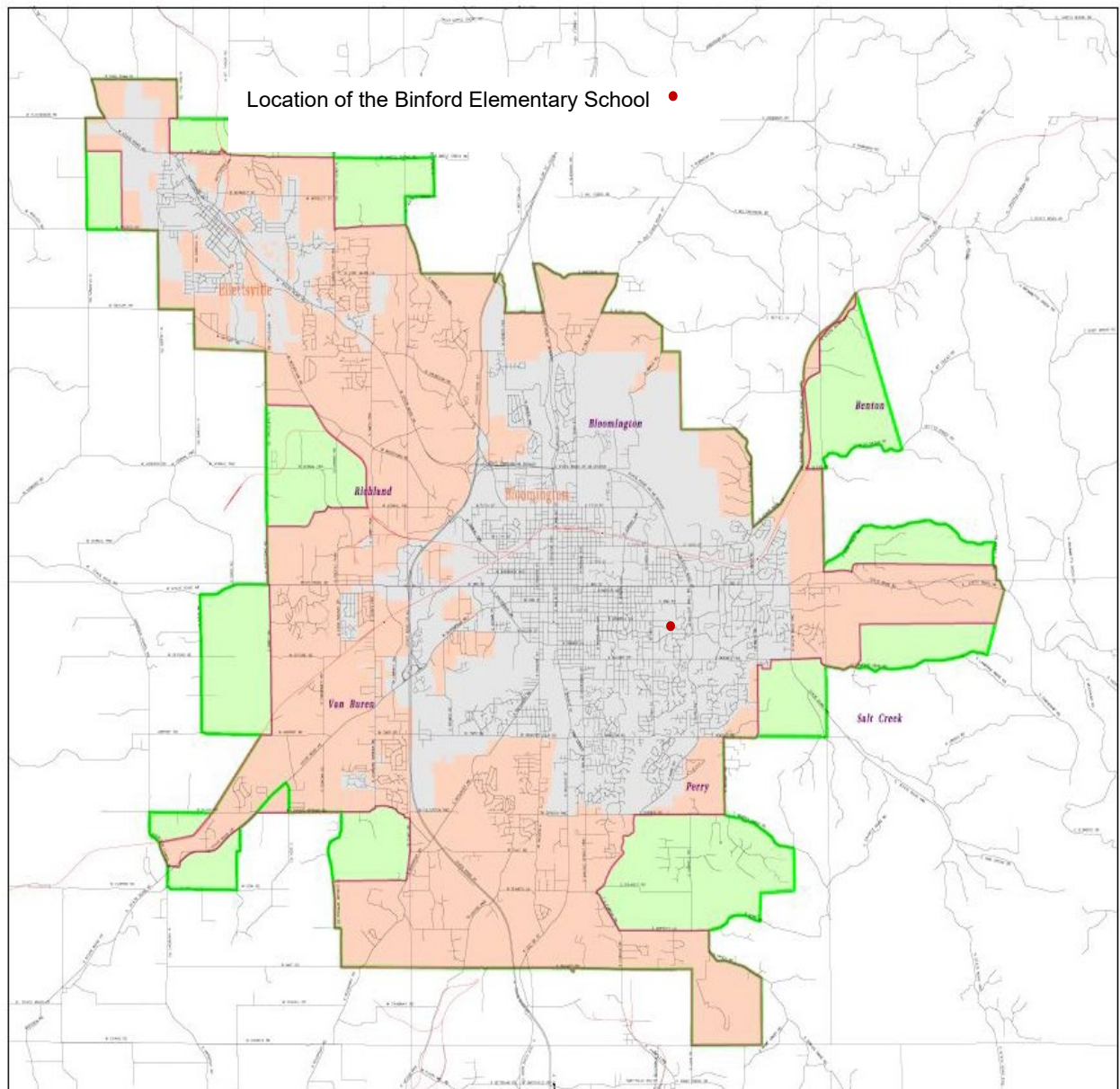
Climate Change Scientific Assessments

Climate Change is a critical concern of the Bloomington-Monroe County Metropolitan Planning Organization. Climate change represents an immediate, near-term, and long-term threat to human health, welfare, economic activity, existing public infrastructure investments, public water resources, agriculture, forestry, energy generation and use, foreseen urban environments, and aggregate regional ecosystems. Climate change within the context of the *2045 MTP* means the long-term rise in the average temperature of the Earth’s climate system, a major aspect of climate change scientifically demonstrated by direct temperature measurements and by measurements of various effects of the warming.

The *Indiana Climate Change Impacts Assessment* (<https://docs.lib.purdue.edu/climate/2/>) identifies rising average annual temperatures and rising average annual precipitation for more than a century as the most significant climate change threats to the State of Indiana’s residents, Indiana’s food system, and the state’s economic viability. The conclusion of this March 2018 scientific study notes:

- *“This assessment documents that significant changes in Indiana’s climate have been underway for over a century, with the largest changes occurring in the past few decades. The findings in this assessment highlight the projected future changes using two scenarios representing the rise of heat-trapping gases over the next century. These projections generally suggest that the trends that are already occurring will continue and the rates of these changes will accelerate. They indicate that Indiana’s climate will warm dramatically in the coming decades, particularly in summer. Both the number of hot days and the hottest temperatures of the year are projected to increase markedly. Indiana’s winters and springs are projected to become considerably wetter, and the frequency and intensity of extreme precipitation events are expected to increase, although more research is needed in this area to better determine the details.”*

Climate change vulnerabilities for Monroe County documented through additional independent scientific research by the Indiana University Environmental Resilience Institute (<https://hri.eri.iu.edu/index.html> and (<https://hri.eri.iu.edu/climate-vulnerability/index.html?placeid=MONROE%20County#climateExpoHead>) further identifies primary community metrics in a geographic information system (GIS) format identifying



City of Bloomington, Indiana
Planning Department



No part of this work may be reproduced for any purpose without written permission from the City of Bloomington.

forecast events of extreme temperatures, the alteration of precipitation levels, climate impacts on land use, and sociological/demographic individualities.

Climate Change Scientific Assessment Conclusions

Irrefutable scientific data from the U.S. Environmental Protection Agency, the Indiana Department of Environmental Management, Purdue University, Indiana University, and countless national and international sources document climate change currently underway within the State of Indiana and the metropolitan planning area. This scientific fact has profound implications for resident health, economic livelihood, and all infrastructure. Planning for climate change adaptation is a critical next step (<https://www.epa.gov/arc-x/planning-climate-change-adaptation>).

Draft

Appendix F:

BMCMPO Complete Streets Policy

The list of *FY 2022-2026 Transportation Improvement Program* projects identified within this section were subject to a BMCMPO *Complete Streets Policy* review. Complete Streets are roadway projects designed to accommodate all users, including, but not limited to, pedestrians, bicyclists, users of public transit, and individual mobility devices, people with disabilities, the elderly, motorists, freight providers, emergency responders, and adjacent land users. Through complete streets, the safety and mobility for vulnerable road users is as much of a priority as all other modes.

The BMCMPO's adopted Complete Streets Policy creates an equitable, balanced, and effective transportation system for all types of users integrated with adjacent land uses where every roadway user can safely and comfortably travel throughout the local community. The adopted Complete Streets Policy website posting is <https://bloomington.in.gov/sites/default/files/2019-02/BMCMPO%20Complete%20Streets%20Policy%20-%20FINAL%20-%20ADOPTED%2011-09-18.pdf>.

The following **Table X-x**, Recommended Place Measures and Metrics, is inspired, adapted by, and adopted from *Evaluating Complete Streets Projects: A Guide for Practitioners*, a resource created by American Association of Retired Persons (AARP) and Smart Growth America (SGA) for measuring the results of alternative transportation projects. Place Measures adopted by the BMCMPO fall under the macro-level headings of "Place", "Crash Risk", and "Equity." Application scales consider project and network levels. Detailed applicable project and network "metrics" represent the foundation of each Place Measure and relevant application scale. **Table X-x** details the Transportation Improvement Program Project Prioritization Criteria using Complete Streets guidance reaffirmed by the Policy Committee in 2020.

Table X-1: Recommended Place Measures and Metrics*

PLACE MEASURE	APPLICATION SCALE	METRIC
PLACE Being aware of community context, including existing and plane land use and buildings can result in streets that are vital public spaces. Place-based focused measurements ensure a product that is compatible and enhances the community.		
Quality of bicycling environment	Project	<ul style="list-style-type: none"> • Width of bicycle facilities • Pavement condition of bicycling facility • Bicyclist level of comfort. Comfort is in accord with separation of traffic, volume and speed of cars • Right turn on red restrictions
Quality of pedestrian environment	Project	<ul style="list-style-type: none"> • Crossing distance and time • Presence of enhanced crosswalks • Wait time at intersection • Width of walking facility • Right turn on red restrictions • Planting of new or maintaining existing trees
Quality of transit environment	Project	<ul style="list-style-type: none"> • Transit Level of Service/Multimodal Level of Service (MMLOS) at segment and/or intersection • Quality of accommodations for passengers at stops • Presence of wayfinding and system information • Real-time arrival information • Off-board payment option
Resident participation	Project	<ul style="list-style-type: none"> • Number of responses gathered • Number of people at meetings
Quality of automobile trips	Project	<ul style="list-style-type: none"> • Travel lane pavement condition
CRASH RISK Safe travel is a fundamental transportation goal. Safety measures should watch for elements associated with injurious crashes and those associated with perceptions of safety.		
Compliance with posted speed limit	Project	<ul style="list-style-type: none"> • Percentage of drivers exceeding the posted speed limit • Match between target speed, design speed, and 85th percentile
Crashes	Project	<ul style="list-style-type: none"> • Number of crashes by mode on project (before and after) • Crash severity by mode and location
Crashes	Network	<ul style="list-style-type: none"> • Total Number • Rate and location by mode
Fatalities	Project	<ul style="list-style-type: none"> • Number of fatalities by mode on project (before and after)
Fatalities	Network	<ul style="list-style-type: none"> • Number of fatalities suffered by all modes

Table X-1: Recommended Place Measures and Metrics (continued)

PLACE MEASURE	APPLICATION SCALE	METRIC
EQUITY Transportation services impact some populations and neighborhoods more than others. In project selection and evaluation, the distribution of impacts and benefits should examine the needs for traditional disadvantaged populations.		
Auto trips	Project	<ul style="list-style-type: none"> Driving trips as portion of total trips along project
Auto trips	Network	<ul style="list-style-type: none"> Driving trips to primary and secondary schools Vehicle Miles Traveled (VMT) per capita Driving commutes to work as portion of total commutes to work
Bicycle trips	Project	<ul style="list-style-type: none"> Bicycling trips as portion of total trips along project
Bicycle trips	Network	<ul style="list-style-type: none"> Bicycling trips as portion of total trips Bicycling commutes to work as portion of total commutes to work
Transit trips	Network	<ul style="list-style-type: none"> Transit trips as portion of total trips Transit commutes to work as portion of total commutes to work
Walk trips	Project	<ul style="list-style-type: none"> Walk trips as portion of total trips along project
Walk trips	Network	<ul style="list-style-type: none"> Walk trips as portion of total trips in community Walk commutes to work as portion of total commutes to work

Source: BMCMPPO, Complete Streets Policy, November 2019.

The following Complete Streets Policy Project Prioritization Criteria serves the BMCMPPO Citizens Advisory Committee, the Technical Advisory Committee, and the Policy Committee as a guiding prioritization framework for the placement of projects into the Transportation Improvement Program (TIP).

Table X-2 BMCMPO Transportation Improvement Program – Project Prioritization Criteria

BMCMPO TIP - Project Prioritization Criteria		
	Weighting	Yes = 1, No = 0
System Preservation and Maintenance		
Project improves upon existing infrastructure or serves to retrofit missing infrastructure (e.g. filling in sidewalk gaps)	15%	
Project addresses a maintenance need (e.g. repaving, bridge repair)		
Project is located within existing right of way		
	Total	0
Safety		
Project addresses a known high crash risk location		
Project location is identified in the most recent MPO Crash Report's top 50 crash locations	20%	
Project location is identified in the most recent MPO Crash Report's top 15 bicycle and pedestrian crash locations		
Project incorporates strategies that reduce crash risk		
Geometrical improvement for motorized safety		
Geometrical Improvement for non-motorized safety		
Signalization Improvement		
Signage/Wayfinding		
Project improves safe travel to nearby schools (within 1 mile)		
Other improvements with rationale as to how the project reduces crash risk		
	Total	0
Multi-Modal Options		
Project incorporates Multi-Modal solutions		
Project located along existing transit service	20%	
Project located along existing pedestrian/bicycle facility		
Project reduces modal conflict (e.g. traffic signals, grade separation, dedicated lanes)		
Project includes transit accommodations (e.g. pullouts, shelters, dedicated lanes, signal priority)		
Project includes sidewalk improvements		
Project includes bicycle facility improvements		
Project contains high comfort bicycle infrastructure appropriate to facility function (e.g. protected bike lane, multi-use path)		
Project contains high comfort pedestrian infrastructure appropriate to facility function (e.g. curb extension, refuge island, crosswalk enhancement)		
Project makes a connection to an existing active mode facility		
	Total	0
Congestion Management		
Project incorporates congestion management strategies		
Grade separation or dedicated travel space for individual modes	10%	
Improvements to access management		
Signalization improvement		
Improves parallel facility or contributes to alternative routing		
Provides capacity for non-motorized modes		
Adds transit capacity		
Other strategies		
	Total	0
Health and Equity		
Project provides increased accessibility for people with a low income & minorities	10%	
Project corrects ADA non-compliance		
Project promotes physical activity		
Project reduces vehicle emissions		
Project will not have a negative impact for a natural resource		
Project will not have a negative impact for a socio-cultural resources		
	Total	0
Consistency with Adopted Plans		
Project located along planned transit service	10%	
Project located along planned pedestrian/bicycle facility		
Local Master Thoroughfare Plan Priority		
Transit Plan Priority		
Bicycle/Pedestrian Plan Priority		
Project supports goals and principles of MPO Metropolitan Transportation Plan		
Project supports goals and principles of local land use plans		
Other applicable planning documents		
	Total	0
Context Sensitivity and Land Use		
Project contributes to the sense of place and matches the surrounding land use		
Project balances the need to move people with other desirable outcomes	15%	
Project involves minimal disruption to the community (e.g. limited land acquisition, limited change in traffic circulation)		
Project is seen as adding lasting value to the community		
Project supports high quality growth and land use principles		
Project improves accessibility and/or connectivity to existing land use development		
Project location supports infill/redevelopment		
Project contributes to transportation network grid development/roadway network connectivity		
	Total	0
Overall Total		0

Source: BMCMPO, Complete Streets Policy, November 2019.

BMCMPPO FY 2022-2026 TIP
New Projects Evaluated for Complete Streets Policy Compliance

Project	Brief Description	Compliant	Exempt	N/A
Crosswalk Safety Improvements	Safety - Install or enhance pedestrian crosswalks, pedestrian curb ramps, and pedestrian refuge islands throughout the City of Bloomington prioritized to focus on areas of low accessibility compliance and high crash risk.	•		
Downtown Curb Ramps - Phase IV	Safety - Install or improve pedestrian curb ramps including new pedestrian curb ramps and refuge areas if high conflict between pedestrians and vehicular traffic in and near downtown Bloomington.	•		
High St. Intersection Modernization & Multiuse Path		•		
Old SR 37 at Dillman Rd. Intersection Improvement	Safety – Intersection improvements with dedicated turn lanes, crosswalks, sidewalks and multi-use path for a conventional traffic signal or, alternatively, a roundabout construction if topography, roadway grades, as available land will allow for construction to reduce crash frequency and crash severity.	•		
West 2 nd St. Modernization & Safety Improvements		•		

Note: The BMCMPPO Complete Streets Policy does not apply to Bloomington Transit, IU Campus Bus, and Rural Transit projects.

Appendix G:

Plan Development & Public Involvement Methodology

Introduction

The FY 2022-2026 Transportation Improvement Program prepared by the BMCMPPO staff relied on consultation guidance from the Federal Highway Administration-Indiana Division, The Federal Transit Administration (FTA) Region 5 office, the Indiana Department of Transportation Indianapolis central office and Seymour District staff, Monroe County, the Town of Ellettsville, Rural Transit, Bloomington Transit, IU Campus Bus, and the City of Bloomington.

This appendix highlights the public outreach efforts used by the MPO throughout development of the FY 2022-2026 TIP from March 2021 to September 2021 with guidance from federal, state, and local partners. The BMCMPPO demonstrated explicit consideration and response to public input received during the development of the Transportation Improvement Program. The BMCMPPO sought out and considered the needs of those traditionally underserved by existing transportation systems, such as low-income and minority households, who may face challenges accessing employment and other services. The BMCMPPO provided an additional opportunity for public comment on the Transportation Improvement Program made available for public comment given Centers for Disease Control and Prevention (<https://www.cdc.gov/>) constraints of the ongoing COVID-19 Pandemic.

The staff focused on an extensive public involvement/public input process through open virtual public meetings of the BMCMPPO Citizen Advisory Committee (CAC), the Technical Advisory Committee (TAC), and the Policy Committee. The adoption of Centers for Disease Control and Prevention (CDC) COVID-19 guidelines as a preventative safety measure beginning in April 2020 and continuing through calendar year 2021 necessitated a shift to virtual digital platforms for all meetings using Zoom and Facebook Live. All meetings of the Policy Committee routinely recorded for community viewing by the Citizens Access Television System (CATS <https://www.catstv.net/>) continued uninterrupted throughout FY 2022 and FY 2022 as the staff presented selective elements and the Draft FY 2022-2026 TIP. The Draft FY 2022-2026 TIP had additional postings on the BMCMPPO website (<https://bloomington.in.gov/mpo/transportation-improvement-program>) along with a discussion/adoption schedule.

Staff presentations and public meeting discussions adhered to the following schedule throughout calendar year 2021:

- *March 12, 2021 - Policy Committee Meeting*
 - FY 2022-2026 Call for Projects
 - Development Timetable and Approval Schedule
 - Funding Guidance
 - No Rollovers
 - Anticipated Fiscal Year Program Funding Levels

- Additional Guidance
 - Letting Dates
 - Project Designation (DES#) Number Assignments
 - Construction Engineering (CE)
 - HSIP Project Priorities
 - Virtual Public Meeting Expectations
- Application Requirements
 - TIP Project Request Form for existing and new projects
 - Transportation Alternatives Application
 - HSIP Low Cost/Systemic Project Application for INDOT Review/Approval
 - HIS Intersection Improvements
- Application scoring consistent with the adopted BMCMPPO Complete Streets Policy and subsequent preliminary scoring reports through Policy Committee, Technical Advisory Committee, and Citizens Advisory Committee meetings.
- *March 24, 2021 - Technical Advisory Committee Meeting*
 - FY 2022-2026 Call for Projects
 - Development Timetable and Approval Schedule
 - Funding Guidance
 - No Rollovers
 - Anticipated Fiscal Year Program Funding Levels
 - Additional Guidance
 - Letting Dates
 - Project Designation (DES#) Number Assignments
 - Construction Engineering (CE)
 - HSIP Project Priorities
 - Virtual Public Meeting Expectations
 - Application Requirements
 - TIP Project Request Form for existing and new projects
 - Transportation Alternatives Application
 - HSIP Low Cost/Systemic Project Application for INDOT Review/Approval
 - HIS Intersection Improvements
 - Application scoring consistent with the adopted BMCMPPO Complete Streets Policy and subsequent preliminary scoring reports through Policy Committee, Technical Advisory Committee, and Citizens Advisory Committee meetings.
- *March 24, 2021 - Citizens Advisory Committee Meeting*
 - FY 2022-2026 Call for Projects
 - Development Timetable and Approval Schedule
 - Funding Guidance
 - No Rollovers
 - Anticipated Fiscal Year Program Funding Levels
 - Additional Guidance

- Letting Dates
 - Project Designation (DES#) Number Assignments
 - Construction Engineering (CE)
 - HSIP Project Priorities
 - Virtual Public Meeting Expectations
- Application Requirements
 - TIP Project Request Form for existing and new projects
 - Transportation Alternatives Application
 - HSIP Low Cost/Systemic Project Application for INDOT Review/Approval
 - HIS Intersection Improvements
- Application scoring consistent with the adopted BMCMPPO Complete Streets Policy and subsequent preliminary scoring reports through Policy Committee, Technical Advisory Committee, and Citizens Advisory Committee meetings.
- *April 9, 2021 - Policy Committee Meeting*
 - FY 2022-2026 Call for Projects
 - Development Timetable and Approval Schedule
 - Funding Guidance
 - Additional Guidance
 - Application Requirements
 - Application scoring consistent with the adopted BMCMPPO Complete Streets Policy and subsequent preliminary scoring reports through Policy Committee, Technical Advisory Committee, and Citizens Advisory Committee meetings.
- *April 28, 2021 - Technical Advisory Committee Meeting*
 - FY 2022-2026 Call for Projects
 - Development Timetable and Approval Schedule
 - Funding Guidance
 - Additional Guidance
 - Application Requirements
 - Application scoring consistent with the adopted BMCMPPO Complete Streets Policy and subsequent preliminary scoring reports through Policy Committee, Technical Advisory Committee, and Citizens Advisory Committee meetings.
- *April 28, 2021 - Citizens Advisory Committee Meeting*
 - FY 2022-2026 Call for Projects
 - Development Timetable and Approval Schedule
 - Funding Guidance
 - Additional Guidance
 - Application Requirements
 - Application scoring consistent with the adopted BMCMPPO Complete Streets Policy and subsequent preliminary scoring reports through Policy Committee, Technical Advisory Committee, and Citizens Advisory Committee meetings.

- *May 12, 2021- Policy Committee Meeting*
 - FY 2022-2026 Call for Projects
 - Development Timetable and Approval Schedule
 - New Local Project Applications Received
 - Purpose and Need
 - Project Elements
 - Supporting documentation
 - Preliminary Complete Streets scores consistent with the adopted BMCMPPO Complete Streets Policy
 - Crosswalk Safety Improvements
 - Downtown Curb Ramps Phase IV
 - High Street Intersection Modernization and Multiuse Path
 - Old SR 37 at Dillman Road Intersection Safety
 - West 2nd Street Modernization & Safety Improvements
 - Preliminary scoring advancing through the Technical Advisory Committee and the Citizens Advisory Committee May 2021 meetings.
- *May 26, 2021- Technical Advisory Committee Meeting*
 - FY 2022-2026 Call for Projects
 - Development Timetable and Approval Schedule
 - New Local Project Applications Received
 - Purpose and Need
 - Project Elements
 - Supporting documentation
 - Preliminary Complete Streets scores consistent with the adopted BMCMPPO Complete Streets Policy
 - Crosswalk Safety Improvements
 - Downtown Curb Ramps Phase IV
 - High Street Intersection Modernization and Multiuse Path
 - Old SR 37 at Dillman Road Intersection Safety
 - West 2nd Street Modernization & Safety Improvements
 - Draft FY 2022-2026 Transportation Improvement Program (Unconstrained)
 - Recommend advancement to the Policy Committee
- *May 26, 2021- Citizens Advisory Committee Meeting*
 - FY 2022-2026 Call for Projects
 - Development Timetable and Approval Schedule
 - New Local Project Applications Received
 - Purpose and Need
 - Project Elements
 - Supporting documentation

- Preliminary Complete Streets scores consistent with the adopted BMCMPPO Complete Streets Policy
 - Crosswalk Safety Improvements
 - Downtown Curb Ramps Phase IV
 - High Street Intersection Modernization and Multiuse Path
 - Old SR 37 at Dillman Road Intersection Safety
 - West 2nd Street Modernization & Safety Improvements
- Draft FY 2022-2026 Transportation Improvement Program (Unconstrained)
 - Recommend advancement to the Policy Committee
- *June 23, 2021- Technical Advisory Committee Meeting*
 - FY 2022-2026 Call for Projects
 - Development Timetable and Approval Schedule
 - Local Project Applications Received
 - Draft FY 2022-2026 Transportation Improvement Program (Unconstrained)
 - Recommend advancement to the Policy Committee
- *June 23, 2021- Citizens Advisory Committee Meeting*
 - FY 2022-2026 Call for Projects
 - Development Timetable and Approval Schedule
 - Local Project Applications Received
 - Draft FY 2022-2026 Transportation Improvement Program (Unconstrained)
 - Recommend advancement to the Policy Committee
- *July 9, 2021 - Policy Committee Meeting*
 - Draft FY 2022-2026 Transportation Improvement Program (Fiscally Constrained)
 - Funding the Transportation Improvement Program
 - Projected Revenues and Expenditures for Transit Projects
 - Projected Revenues and Expenditures for Local Projects
 - Projected Revenues and Expenditures for State Projects
 - Performance Based Planning and Performance Measures
 - Safety Target Performance Measures
 - Pavement Condition Target Performance Measures
 - NHS Bridge Condition Target Performance Measures
 - NHS Truck Travel Time Reliability Target Performance Measures
 - Interstate Freight Reliability Target Performance Measures
 - On-Road Mobile Source Emission Target Performance Measures
 - Transit Performance Measures
 - Red Flag Investigations
 - Projects
 - Monroe County
 - City of Bloomington
 - Bloomington Transit

- Rural Transit
 - Indiana Department of Transportation
- Appendices
 - Transportation Planning Requirements
 - Performance-Based Transportation Planning Targets
 - Environmental Justice
 - Air Quality and Climate Change Assessments
 - BMCMPPO Complete Street Policy
 - Plan Development & Public Involvement Methodology
 - Glossary
 - Self-Certification
 - FY 2022-2026 TIP Approval Letter
 - Adoption Resolutions
- *July 10-11, 2021 - Legal Advertisements*
- *July 12, 2021 - Thirty-Day Public Comment Period Begins*
- *July 13, 2021 - Draft FY 2022-2026 TIP Submission for INDOT, FHWA. FTA Review*
- *July 12, 2021 - Draft FY 2022-2026 TIP Public Input Meeting (week of)*
- *August 13, 2021 - Thirty-Day Public Comment Period Ends*
- *August 25, 2021 – TAC/CAC Reviews of Final Draft FY 2022-2026 TIP*
 - Policy Committee Recommendations
- *September 10, 2021 – Policy Committee Meeting*
 - Final FY 2022-2026 TIP Adoption
- *September 13, 2021 – Submission of FY 2022-2026 TIP to INDOT, FHWA, FTA (week of)*
 - Formal Approval

Public Outreach Process

The public outreach process for the FY 2022-2026 TIP will include:

- *Virtual Public Meeting from 6:30 p.m. - 8:30 p.m. the week of July 12, 2021.* Presentation materials included an overview of the FY 2022-2026 TIP purpose and need, an urban area boundary map, project types, funding constraints, and the draft program of projects for Monroe County, the city of Bloomington, Rural Transit, Bloomington Transit, and the Indiana Department of Transportation. Open discussion will include all relevant topics.

Interagency Consultation & Coordination – Calendar Years 2020 and 2021

The BMCMPO staff continuously consulted and coordinated with federal, state and local transportation agencies throughout the FY 2022-2026 TIP development process from December 2020 through September 2021 to ensure the attainment of federal and state requirements.

The consultation/coordination process is further ensured with the receipt of corresponding comments. This interagency consultation and coordination ensured the completion of appropriate technical level reviews prior Final FY 2022-2026 TIP adoption by the BMCMPO Policy Committee on September 10, 2021.

Draft

Appendix H:

Glossary

3C Planning means the Comprehensive, Cooperative, and Continuous transportation planning process.

ADA means the Americans with Disabilities Act of 1990 (42 U.S.C. § 12101), a civil rights law that prohibits discrimination based on disability and affords similar protections against discrimination to Americans with disabilities as the Civil Rights Act of 1964, which made discrimination based on race, religion, sex, national origin, and other characteristics illegal, and later sexual orientation. The ADA Act of 1990 additionally requires covered employers to provide reasonable accommodations to employees with disabilities, and mandates accessibility requirements for public accommodations.

Air Quality Conformity means a determination required under current federal requirements for major transportation investments in designated air quality “non-attainment” and “maintenance” areas.

Alternative Transportation Funds means the City of Bloomington’s established funding mechanism exclusively for pedestrian and bicycle infrastructure maintenance, preservation, and facility expansions more than a decade ago. Fund allocations come through annual municipal budget approvals.

Analysis Area means any geographic area such as a zone or group of zones combined for the purpose of making an analysis.

Apportionment means any method for dividing federal funds by an established formula. An apportionment operates like a line of credit to sub-federal governments.

Authorization means the level of funding designated by Congress for specific legislation.

Average Daily Traffic (ADT) means the average number of vehicles passing a specified point during a 24 hour period.

Bike Lane means a portion of the road designated and designed for the exclusive use of bicycles with distinct signage and pavement markings.

Bloomington Transit (BT) is a municipal public transportation corporation (PTC) that provides public transportation within the City of Bloomington limits.

Bottleneck means the point of minimum capacity along a highway segment.

BMCMPPO means the Bloomington-Monroe County Metropolitan Planning Organization established by the Governor of the State of Indiana for the for the Bloomington urbanized area in March 1982 as a prerequisite for obtaining approval of transportation improvement projects funded by the FHWA and/or FTA.

Build Condition, Option, Alternative, or Alternate means a transportation plan, program, or alternative involving a major capital investment.

Capacity means the maximum rate of flow at which persons or vehicles reasonably expected to traverse a point or uniform segment of a lane or roadway during a specified time period under prevailing roadway, traffic, and control conditions, usually expressed in persons per hour or vehicles per hour.

Capacity Expansion Project means a major transportation investment that expands the capacity of any highway or transit system to accommodate additional vehicles. Highway expansion projects involve projects that add through travel lanes including major roadway widening, new roadways, new freeway interchanges, and substantial realignments of existing roadways.

Capacity Preservation Project means a transportation investment to preserve the capacity of the existing highway or transit system. Such projects include bridge rehabilitation and replacement, pavement rehabilitation and reconstruction, and low capital cost investments such as traffic signal improvements or safety improvements (e.g. guardrails and minor horizontal/vertical curve realignments). Typical transit projects involve bus and equipment replacement, transit shelters, and garage facility maintenance.

Carpool means any vehicle (usually a car) or arrangement in which two or more occupants, including the driver, share use or cost in traveling between fixed, multiple, or variable points (also referred to as ridesharing).

Census Tract means an area with generally stable boundaries, defined within counties and statistically equivalent entities, usually used to analyze smaller regions of a population. The U.S. Census Bureau establishes census tracts as relatively homogeneous with respect to population characteristics, economic status, and living conditions.

Central Business District (CBD) means an area of a city that contains the greatest concentration of commercial activity. The traditional downtown retail, trade, and commercial area of a city or an area of very high land valuation, traffic flow, and concentration of retail business offices, theaters, hotels, and services compared to adjacent land uses.

CE means construction engineering associated with project construction.

Citizens Advisory Committee (CAC) is a committee, organized under the Metropolitan Planning Organization comprised of residents representing a broad spectrum of the community tasked

with providing recommendations to the Policy Committee and Technical Advisory Committee on transportation-related topics within the Metropolitan Planning Area and that affect the Metropolitan Planning Organization.

Climate Change means the long-term rise in the average temperature of the Earth's climate system, a major aspect of climate change demonstrated by direct temperature measurements and by measurements of various effects of the warming. The *Indiana Climate Change Impacts Assessment* (<https://docs.lib.purdue.edu/climate/2/>) identifies rising average annual temperatures and rising average annual precipitation as the most significant climate change impacts in the state. The climate vulnerabilities for Monroe County include extreme heat and extreme precipitation leading to adverse impacts on the built environment and people (<https://hri.eri.iu.edu/climate-vulnerability/index.html?placeid=MONROE%20County#climateExpoHead> and <https://hri.eri.iu.edu/doc/hri-readiness-assessment-20200124.pdf>). Learn more about climate change impacts in Bloomington at bloomington.in.gov/sustainability.

CN means project construction.

Committed Improvement means funded transportation investments including under construction, but not yet open for operation. Committed projects may additionally involve projects for which design is completed and any environmental clearances approved for construction bid letting.

Complete Streets means a transportation policy and design approach that requires streets to be planned, designed, operated, and maintained to enable safe, convenient, and comfortable travel and access for users of all ages and abilities regardless of their mode of transportation. Complete Streets allow for safe travel by those walking, cycling, driving automobiles, riding public transportation, or delivering goods.

Comprehensive Planning means a planning process that requires inclusion of land use, transportation, water and sewage, education, health, and other elements.

COVID-19 means the global novel Coronavirus infectious disease which originated in 2019 which is a severe acute respiratory syndrome primarily spread by close personal contact. January 2020 marked the first reported United States COVID-19 case with a subsequent evolution into a once-in-a-century national public health crisis of over 6.1 million documented cases and 185,000 deaths nationwide as of September 1, 2020. Documented cases are increasing unabated. Locally, as of September 1, 2020, Monroe County has had at least 1,180 confirmed cases of COVID-19 resulting in 36 deaths attributed to the disease. In many cases, survivors will experience long-term respiratory and health related symptoms. <https://coronavirus.jhu.edu/map.html>

Cross-Town Routes means a non-radial bus or rail service which does not enter the Central Business District.

Cumulative Bridge Funds provide revenues for construction, occasional maintenance, and repair of bridges, approaches, and grade separations. Cumulative bridge fund receipts come from a tax levied on each one hundred dollars (\$100) assessed valuation of all taxable personal and real property within the county or municipality.

Cumulative Capital Development Funds are sometimes used for major roadway capital investments or other purposes prescribed by the Indiana General Assembly.

Daily Vehicle Miles Traveled (DVMT) means the total number of miles driven per day in a specified area by all vehicle types.

Deadhead Miles means the miles a transit vehicle travels without passengers or cargo on board, often to and from a garage or from one route to another.

Discrimination means any intentional or unintentional act, or any failure to act, which has the effect of excluding or denying a person from participation in benefits, or has otherwise subjected a person to unequal treatment under any program or activity because of, but not limited to, race, color, or national origin.

Divided Highway means a multi-lane facility with a positive barrier median, or a median that is four (4) feet or wider.

Economic Recession means a periodic decline in industrial production, employment, real income, and wholesale-retail trade as defined by the National Bureau of Economic Research (NBER). The current United States national recession began in March 2020 with a sharp downturn of economic activities brought about by the COVID-19 pandemic.

Environmental Justice (EJ) means the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies.

Equity means the just and fair inclusion into a society in which all can participate, prosper, and reach their full potential. In the context of the *2045 MTP*, transportation equity means achieving the goal of sustainable mobility providing access to employment, education, healthcare, and an improved quality of life for all residents.

Farebox Revenue means all fare revenue from case fares, passes, and tickets.

FAST Act means the Fixing America's Surface Transportation Act enacted on December 4, 2015, funding surface transportation programs authorizing a \$305 billion investment over fiscal years 2016 through 2020 with provisions for streamlining, performance-based measurements and multi-modal transportation.

Federal Fiscal Year (FFY) means a twelve month period from October 1st to September 30th.

Federal Highway Administration (FHWA) is part of the U.S. Department of Transportation and is responsible for administering federal-aid transportation funds and programs.

Federal Transit Administration (FTA) is part of the U.S. Department of Transportation and is responsible for administering federal-aid public transportation funds and programs.

Geographic Information System (GIS) means spatial data, presented in an electronic map format, which geographically represents the geometry of the roadways, and its geographically referenced component attributes data integrated through cartography and technology to perform analysis.

Grant means an agreement between the federal government and a state or local government, whereby the federal government provides funds or aid-in-kind to carry out specified programs.

Headway means the time between consecutive services. If one catches a transit vehicle that “comes every half hour”, then the service you catch has a headway of 30 minutes.

Highway Safety Improvement Program (HSIP) is the FHWA’s “core Federal-aid program with the purpose to achieve a significant reduction in traffic fatalities and serious injuries on all public roads, including non-state-owned roads and roads on tribal land. The HSIP requires a data-driven, strategic approach to improving highway safety on all public roads with a focus on performance. The HSIP consists of three main components, the Strategic Highway Safety Plan (SHSP), State HSIP or program of highway safety improvement projects, and the Railway-Highway Crossing Program (RHCP). In addition, some states also have a High Risk Rural Roads (HRRR) program if they had increasing fatality rate on rural roads.”

Indiana Department of Transportation (INDOT) is the agency that administers and funds multimodal transportation needs within the State of Indiana.

Indiana Statewide Transportation Improvement Program (INSTIP or STIP) is Indiana’s multi-year program of transportation projects that is comprised of the Transportation Improvement Programs from all of the State’s Metropolitan Planning Organizations.

Land Use means the purpose or use for land or a structure.

Level of Service (LOS) means a qualitative measure describing operational conditions within a traffic flow stream, generally described in terms of such factors as speed and travel time, freedom to maneuver, traffic interruptions, comfort, convenience and safety. Typically, a scoring system of A through F describes the level of service. For highways, the LOS definitions found in the *Highway Capacity Manual* (Transportation Research Board Special Report 209) are used.

LPA means local public agency as defined under Indiana state statutes.

Local Road and Street means the account used exclusively for engineering, land acquisition, construction, resurfacing, restoration, and rehabilitation of highway facilities. Local Road and Street account (LRS) funds, including accelerated allocations, are available for capital investment; however, a portion of the funds must be set aside for preservation projects such as resurfacing, intersection/signalization, and safety improvements.

Local Share and Local Match means the non-federal matching funds provided by a local entity for federal matching funds.

Long Range Transportation Plan (LRTP, Plan or MTP) means the official multi-modal transportation plan adopted by the MPO for the metropolitan area in accordance with Federal metropolitan transportation planning guidelines. As a minimum, the transportation plan must have a twenty (20) year horizon and updated every five years (every three years in air quality non-attainment areas). INDOT and FHWA/FTA primarily use LRTP. MPOs interchangeably use the term MTP (Metropolitan Transportation Plan).

Maintenance Area means any geographic region of the United States designated as non-attainment pursuant to the Clean Air Act Amendments of 1990 (Section 102e, United States Code 7410 et seq.), and subsequently re-designated to attainment status subject to the requirement to develop a maintenance plan under Section 175 of the Clean Air Act as amended.

Major Bridge Fund means (established under IC8-16-3.1) a special fund to address a major obstruction between commercial or population centers which is capable of causing an economic hardship because of excess travel time to conduct a normal level of commerce between the two (2) centers. A major bridge is defined as a structure of 200-feet or longer or 100-feet in a qualified city. The tax levy shall not exceed \$0.0333 per \$100 assessed valuation within the eligible county.

Major (Metropolitan) Transportation Investment means a high-type highway or transit improvement of substantial cost that is expected to have a significant effect on capacity, traffic flow, level of service, or mode share at the transportation corridor or sub-area scale.

Mass Transportation/Mass Transit means the provision of general or special transportation service, either publicly or privately, to the public on a regular and continuing basis in an urban area. This does not include a school bus, charter, or sightseeing service.

Management System means a systematic process, designed to assist decision-makers in selecting cost effective strategies/actions to improve efficiency and safety of, and protect the investment in the nation's infrastructure. Typical management systems include the pavement management system, bridge management system, transit management system, congestion management system, safety management system, and intermodal management system.

MAP-21 means Moving Ahead for Progress in the 21st Century Act signed into law in July 2012. MAP-21 consolidated federal funding programs by two thirds, streamlined environmental reviews, altered pedestrian and bicycle funding, granted development of a national freight policy, and allowed for greater use of innovative financing.

Metropolitan Planning Organization (MPO) means the forum for cooperative transportation decision-making for the metropolitan planning area. An MPO, designated by the governor of each state, is composed of the chief-elected officials of the metropolitan planning area.

Metropolitan Planning Area (MPA) is the transportation planning area designed by the MPO. As a minimum, the MPA must cover the Urbanized Area (UZA) and the contiguous areas as likely urbanized within a minimum twenty (20) year forecast period covered by the metropolitan transportation plan.

Metropolitan Transportation Plan (MTP) means the official inter-modal transportation plan developed and adopted through the metropolitan transportation planning process for the metropolitan area. The MTP is a long range transportation plan with a minimum twenty (20) year horizon.

Micro-transit means a form of demand-response transit service offering flexible routing and/or flexible scheduling, often with minibus vehicles.

Motor Vehicle Highway Account (MVHA) means the account which derives receipts from motor vehicle registration fees, licenses, driver's and chauffeur's license fees, gasoline taxes, vehicle transfer fees, certificate of title fees, weight taxes or excise taxes, and all other special taxes, duties, or excises of all kinds on motor vehicles, trailers, motor vehicle fuel, or motor vehicle owners or operators.

Multi-Use Trail or Path means a hard surface, off-road path for use by bike, foot and other non-motorized traffic typically not within the road right-of-way.

National Highway System (NHS) means a federal transportation program, authorized in 1995, that includes the Interstate Highway System and other roads important to national defense, commerce, and mobility. The NHS in Indiana includes 2,897 miles of roadways developed by the U.S. Department of Transportation, in cooperation with INDOT and the State's MPOs.

No Build Condition, Option, Alternative, or Alternate means a transportation plan, program, or alternative involving no major capital investment, additionally known as the "do-nothing" option. The No Build condition typically includes the existing transportation system plus committed or already programmed improvements to the transportation system.

Non-Attainment Area means a geographic region of the United States that fails to meet National Ambient Air Quality Standards (NAAQS) for transportation related pollutants as designated by the Environmental Protection Agency (EPA).

Operating Expense means the total of all operating costs incurred during the reporting period.

Operating Subsidy means the revenue received through federal, state, and local cash grants or reimbursements to fulfill operating expense obligations not covered by fares or other revenues generated by the transit system.

Operational Improvement means a capital investment for the installation of traffic surveillance and control equipment, computerized signal systems, motorist information systems, integrated traffic control systems, incident management programs, and transportation demand management facilities, strategies, or programs.

Pandemic means the COVID-19 global coronavirus pandemic first identified in the latter half of calendar year 2019 leading to socioeconomic disruptions and a global economic recession bordering on economic depression.

Pathway means a hard surface path physically separated from the road with a grass or tree plot within a road right of way for the use of pedestrians, bicyclists, and other non-motorized users.

Peak Direction means the direction of higher demand during a peak commuting period.

Peak Hour means that one-hour period during which the maximum amount of travel occurs.

Policy Committee (PC) is a committee of the MPO which reviews and approves transportation policy. It is composed of local elected and appointed officials from area municipalities, Indiana University, and state and federal transportation agencies.

Preliminary Engineering (PE) means the first phase of a transportation improvement project which defines scope and project design.

Primary Arterial means a class of street serving major movement of traffic, typically carrying over 20,000 vehicles per day.

Primary Collectors means roadways that typically carry 3,000 to 10,000 vehicles per day.

Public Mass Transportation Fund (PMTF) means a special fund created under state statute (I.C. 8-23-3-8) to promote and develop transportation in Indiana. The funds are allocated to public transit systems on a performance based formula.

Racial Justice means the systematic fair treatment of people of all races that results in equitable opportunities and outcomes for everyone by ensuring that all people are able to achieve their full potential in life, regardless of race, ethnicity, or the community in which they live. A racial justice framework can move us from a reactive posture to a more powerful, proactive, and even preventive approach. The “Black Lives Matter” movement is an example of people coming together to promote and demand racial justice, and the MTP strives to follow its lead as a guiding principle.

Radial Routes means transit service patterns, in which most routes converge into and diverge from a central transfer point or hub, like spokes of a wheel. Routes timed to arrive and depart at the same time represent a “pulse system”.

Regional Transit Authority means a special-purpose district organized as either a corporation chartered by statute, or a governmental agency, created for the purpose of providing public transportation within a specific region.

Revenue means all operating funds associated with the provision of transit service in the context of public transportation.

Roadway means any road, street, parkway, or freeway/expressway that includes right-of-way, bridges, railroad/highway crossings, tunnels, drainage structures, signs, guardrails, and protective structures in connection with highways.

Rural Transit (RT) means a local public agency transportation service provide by the Area 10 Agency on Aging offering service in Monroe, Lawrence, Owen, and Putnam Counties.

SAFETEA-LU refers to the Safe, Accountable, Flexible, Efficient Transportation Equity Act: a Legacy for Users. This is the five-year federal transportation program authorizing the annual funding for federal transportation programs and replaced TEA-21.

Secondary Arterial means a street typically carrying 10,000 to 20,000 vehicles per day.

Secondary Collector means roadways in Bloomington that typically carry less than 3,000 vehicles per day.

Sidewalk means a hard-surface path within the street right-of-way designated for the exclusive use of pedestrian traffic.

Strategic Highway Safety Plan (SHSP) means the *Indiana Strategic Highway Safety Plan* required under title 23 U.S.C. § 148 that identifies critical highway safety problems and opportunities for saving lives, reducing suffering and economic losses resulting from traffic crashes. The SHSP additionally coordinates the traffic safety activities of state agencies, municipal entities and private highway safety organizations.

Signed Bike Routes means a street that is safe for use by both vehicles and bicycles without a designated bike facility. These routes have appropriate signage markings.

Social Justice means that all people should have equal access to wealth, health, well-being, justice, privileges, and opportunity regardless of their legal, political, economic, or other circumstances.

State Fiscal Year (FY) means the State of Indiana's twelve month period from July 1st to June 30th.

Statewide Transportation Improvement Program (STIP or INSTIP) means the official statewide, multi-modal transportation plan developed through the statewide transportation planning process.

Surface Transportation Block Grant Program (STBG) means the FAST Act [FAST Act § 1109(a)] conversion of the Surface Transportation Program (STP) into the Surface Transportation *Block Grant* Program (STBG) that promotes flexibility in state and local transportation decisions and provides flexible funding to best address state and local transportation needs.

Sustainable Development means development that meets the needs of the present without compromising the ability of future generations to equitably meet their own environmental, economic, and social needs.

Sustainability means meeting our own present environmental, economic, and social needs without compromising the ability of future generations to meet their own environmental, economic, and social needs.

Thoroughfare Plan means the official plan for the designation and preservation of major public road rights-of-way in accordance with the Indiana Code (IC 36-7-4-506).

Technical Advisory Committee (TAC) is a committee of the MPO which provides technical advice on transportation projects and programs. It consists of planners, engineers, transit system managers, and other relevant managers from local public agencies from within an MPO metropolitan planning area.

TIF (Tax Increment Financing Funds) refers to taxes payable on assessed value in excess of taxes attributable to the assessed value constituting the base—the “base” being the assessed value of the property in the area that existed prior to the designation of the area as a designated redevelopment allocation area.

Transportation Alternatives (TA) means a set-aside of Fast Act STBG funding for transportation alternatives encompassing a variety of smaller-scale transportation projects such as pedestrian and bicycle facilities, recreational trails, safe routes to school projects, community improvements such as historic preservation and vegetation management, and environmental

mitigation related to storm water and habitat connectivity. The FAST Act sets aside an average of \$844 million per year for TA. Unless a state opts out, it must use a specified portion of its TA funds for recreational trails projects.

Transportation Asset Management Plan (TAMP) refers to INDOT's 10-year tactical-level management plan which focuses on the achievement of strategic objectives through analysis, options development, programs, delivery mechanisms, and reporting mechanisms established under 23 CFR Part 490.

Transportation Demand Management (TDM) means strategies or actions taken to reduce or shift the peak-hour of travel demand or to shift the mode of travel demand. Typical actions to shift or reduce the peak-hour of travel demand involve programs to shift work hours, limit the trip generation of new development, and congestion tools. Typical actions to shift the mode of travel include transit fare subsidy programs, control of parking fees, and expansions of transit services, construction/designation of high occupancy vehicle lanes or preferential parking areas, and construction of pedestrian and bicycle facilities.

Transportation Equity Act for the 21st Century (TEA-21) means a former six-year federal ground transportation program covering highways, transit, and transportation enhancement activities. TEA-21 authorized annual funding for federal transportation programs prior to the approval of SAFETEA-LU in 2005.

Transportation Improvement Program (TIP) means the staged, multi-year, multi-modal program of transportation projects which is consistent with the metropolitan transportation plan.

Transportation System Management (TSM) means a variety of low-cost capital investments or programs to preserve roadway capacity including signal system improvements, intersection improvements (adding turn lanes), access control policies, and transportation demand management strategies.

Urbanized Area (UZA) means a statistical geographic area defined by the U.S. Census Bureau that consists of a central core and adjacent densely settled territory containing a population of at least 50,000 people.

Unified Planning Work Program (UPWP) means the document describing urban transportation and transportation related activities undertaken in an area during a specified period of time. The Metropolitan Planning Organization (MPO) prepares the UPWP.

Vision Zero means a multi-national road traffic safety program that aims to achieve a highway system with no fatalities or serious injuries involving road traffic.

Volume to Capacity (V/C) Ratio means the observed number of vehicles or persons passing a point on a lane, roadway, or travel-way compared to the maximum rate of flow at that point.

Wheel Tax means the motor vehicle excise surtax and wheel tax that are county option taxes on motor vehicles which provide revenue to counties, cities, and towns for road construction, reconstruction, repair, or maintenance of streets, roads, and bridges.

Draft

Appendix I:

Self-Certification

TRANSPORTATION PLANNING PROCESS CERTIFICATION

In accordance with 23 CFR 450.336, Self-Certification and Federal Certifications, the Indiana Department of Transportation and the Bloomington-Monroe County Metropolitan Planning Organization 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) of the Clean Air Act, as amended (42 U.S.C. 7504, 750(c) and (d)) and 40 CFR part 93;
3. Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 20000d-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 FAST ACT (Pub. L. 114357) 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 the 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 the 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.

Bloomington-Monroe County Metropolitan
Planning Organization

Patrick P. Martin

Senior Transportation Planner

Date

Indiana Department of Transportation

Roy S. Nunnally

Director, INDOT Technical Planning & Programming

Date

Appendix J:

FY 2022 - 2026 TIP Approval Letter

Note: To be issued by INDOT in September/October 2021 after BMCMPPO Policy Committee Final Adoption.

Draft

Appendix K:

BMCPO FY 2022 - 2026 TIP Adoption Resolution

DRAFT ADOPTION RESOLUTION FY 2021-XX

RESOLUTION ADOPTING THE FISCAL YEARS 2022 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) as presented to the Policy Committee of the Bloomington/Monroe County Metropolitan Planning Organization on September 10, 2021.

WHEREAS, the Bloomington/Monroe County Metropolitan Planning Organization (BMCMPPO) is the organization designated by the Governor of Indiana as the Metropolitan Planning Organization responsible for carrying out, with the State of Indiana, the provisions of 23 U.S.C. 134, and capable of meeting the requirements thereof for the Bloomington, Indiana urbanized area; and

WHEREAS, in cooperation with the State, the BMCMPPO must develop and maintain, and has developed and maintained, a Transportation Improvement Program which illustrates how federal funds will be expended on transportation projects within the urbanized area over the next four fiscal years; and

WHEREAS, public comment on the proposed FY 2022 - 2026 TIP was sought and received during the public comment period from June 14, 2021 through July 13, 2021; and

NOW, THEREFORE, BE IT RESOLVED:

- (1) That the Bloomington/Monroe County Metropolitan Planning Organization adopts the Fiscal Year 2022 - 2026 Transportation Improvement Program; and
- (2) That the adopted document shall be forwarded to all relevant public officials and government agencies, and shall be available for public inspection during regular business hours at the City of Bloomington Planning Department, located in the Showers Center City Hall at 401 North Morton Street, Bloomington, Indiana.

PASSED AND ADOPTED by the Policy Committee upon this 10th day of September 2021.

Lisa J. Ridge
Chair, Policy Committee
Bloomington/Monroe County MPO

Attest: Patrick P. Martin
Senior Transportation Planner
Bloomington-Monroe County
Metropolitan Planning Organization

This Page Is Intentionally Blank

Draft