

**RESOLUTION
OF THE
BOWLING GREEN - WARREN COUNTY
METROPOLITAN PLANNING ORGANIZATION
AMENDING THE
2045 METROPOLITAN TRANSPORTATION PLAN
AMENDMENT NO. 1
AND
FY 2024-2028 TRANSPORTATION IMPROVEMENT PROGRAM
AMENDMENT NO. 1**

WHEREAS, Section 134, Title 23, USC requires that a continuing, comprehensive transportation planning process be carried out cooperatively in areas of more than 50,000 population and that the urban transportation planning process shall include the development of a Metropolitan Transportation Plan (MTP) and the development of a Transportation Improvement Program (TIP) for the metropolitan planning area with both documents amended on as needed basis; and

WHEREAS, the Policy Committee is the designated Metropolitan Planning Organization (MPO) for the Bowling Green - Warren County MPO urbanized area; and

WHEREAS, the transportation planning process is being carried out in conformance with all Federal requirements and has been so certified and all federally funded highway and transit projects must be in the TIP prior to expenditure of funds; and

WHEREAS, the amendment described in this resolution to the 2045 Bowling Green - Warren County Metropolitan Transportation Plan (MTP) and the 2024-2028 Transportation Improvement Program have been developed by the MPO staff in consultation with, and is recommended by, the MPO Technical Advisory Committee; and

WHEREAS, it has been determined that these amendments have been developed in accordance with the MPO Participation Plan; and

WHEREAS, these amendments are consistent with the Title VI of the Civil Rights Act requirements related to nondiscrimination in federally assisted programs; and

WHEREAS, this amendment will result in a MTP and TIP that remains fiscally constrained; and

NOW, THEREFORE BE IT RESOLVED that the Policy Committee of the Bowling Green - Warren County MPO hereby amends the 2045 Bowling Green - Warren County Metropolitan Transportation Plan (MTP) and the 2024-2028 Transportation Improvement Program to add the attached listing of highway improvements to both documents:

The undersigned duly qualified and acting Chairman certifies that the foregoing is true and correct reflection of the action taken by the MPO Policy Committee

Adopted by the Policy Committee this 18th day of July, 2024.



Doug Gorman, Chairman
Policy Committee
Bowling Green - Warren County MPO

7/18/24
Date

2045 Metropolitan Transportation Plan

Bowling Green – Warren County Metropolitan Planning Organization

Amendment No. 1

ITEM #s: 03-80320.000

DESCRIPTION: Modernize US-68 between Victoria Street and Clay Street in Bowling Green, Warren County, Kentucky.

SCOPE OF WORK: Reconstruction

ROUTE: US-68

PHASE: D,R,U,C

TYPE OF FUND: NH

FY: 2024, 2026, 2027

AMOUNT: \$11,000,000

Other Information: This MTP Amendment amends specific funding levels listed in *Table 6.1 (Short-Range Transportation Projects)* in the 2045 MTP. It amends the specific funding levels listed for NH projects in *Table 2 (Summary of Funding)* of the TIP as well as *Table 4 (Federally Funded Projects)*. This action involves a commitment of additional funding for the project by the project sponsor (Kentucky Transportation Cabinet). This funding maintains financial constraint of the TIP and MTP documents, and no additional financial constraint analysis by the MPO is needed.

This MTP amendment for this project will require additional public review as stipulated in *Figure 2* of the Participation Plan adopted April 2023. MTP Amendments are major revisions to the MTP, such as adding or deleting a significant project or major changes to a project that change the financial constraint of the MTP; changes to illustrative projects included in the MTP do not require amendments. Amendments require a 15-day public review and comment period. Notification procedures for MTP amendments are outlined below.

Figure 2 | Public Notification & Review Periods for MPO Documents

| Plan Document | Review Period | Public Meetings | Public Notice* |
|---|---------------|-----------------|----------------|
| Participation Plan (PP) | 45 days | Optional | Web/PR |
| Metropolitan Transportation Plan (MTP) | 30 days | One minimum | Web/PR |
| Transportation Improvement Program (TIP) | 30 days | Optional | Web/PR |
| Multimodal / Focal Point Plans (Bike/Ped, Transit) | 30 days | One minimum | Web/PR |
| TIP & MTP Amendment | 15 days | Optional | Web/PR |
| TIP & MTP Modification | - | N/A | Web |
| Unified Planning Work Program (UPWP) | - | N/A | Web |
| Annual Performance & Expenditure Report | - | N/A | Web |
| Annual Listing of Obligated Transportation Projects | - | N/A | Web |

*Public Notice Key: (Web) MPO Website; (PR) Press Release

Priority Transportation Projects: 2045 Metropolitan Transportation Plan

TABLE 6.1 | Short-Range Transportation Projects

| MTP ID | SYP ID | ROUTE | DESCRIPTION | TOTAL COST | 2020 (\$) | 2021 (\$) | 2022 (\$) | 2023 (\$) | 2024 (\$) | 2025 (\$) | 2026 (\$) | 2027 (\$) |
|--------|-----------|--------|---|------------|-----------|------------|-----------|------------|-----------|-----------|-----------|-----------|
| 1 | 3-110.30 | KY-185 | KY 185 0.24 miles south of Pruitt Rd to 0.16 miles south of KY 132Q Reconstruction | 9,360,000 | 830,000 | 8,530,000 | - | - | - | - | - | - |
| 2 | 3-110.40 | KY-185 | KY 185 0.22 miles north of Austin Raymer Rd to 0.08 miles south of Ivy Creek bridge Reconstruction | 4,965,000 | 300,000 | 4,665,000 | - | - | - | - | - | - |
| 3 | 3-199.00 | US-31W | US 31W (Nashville Rd) South of KY 242 (Richpond Road) to Dillard Rd Major Widening | 11,690,000 | - | 11,690,000 | - | - | - | - | - | - |
| 4 | 3-199.99 | US-31W | US 31W (Nashville Rd) Buchanan Park to Chaney's Dairy Barn Construct pedestrian underpass | 450,000 | - | - | 10,000 | - | 440,000 | - | - | - |
| 5 | 3-2042.20 | I-165 | I-165 US 231 (Morgantown Rd) Interchange Interchange Reconstruction | 8,400,000 | - | 8,400,000 | - | - | - | - | - | - |
| 6 | 3-3206.00 | GW | West End Bike/Ped Roland Bland Park to Hobson Grove Park Construct Greenway Trail | 1,030,805 | 1,030,805 | - | - | - | - | - | - | - |
| 7 | 3-3207.00 | GW | KY 240 (Woodburn-Allen Springs Rd) Bike/Ped Fletcher St to Main St in Woodburn Construct Sidewalk | 126,007 | 126,007 | - | - | - | - | - | - | - |
| 8 | 3-3219.00 | GW | Numerous State Routes Bike/Ped ADA Compliance/Sidewalk Rehabilitation completed by City of BG | 846,483 | 846,483 | - | - | - | - | - | - | - |
| 9 | 3-4307.00 | KY-234 | KY 234 (Cemetery Rd) Between Jack Johnson Rd and Hayes Rd Install guardrail | 25,000 | - | - | 25,000 | - | - | - | - | - |
| 10 | 3-8702.00 | US-231 | US 231 (Scottsville Rd) Pascoe Blvd to north of Cave Mill Rd Major Widening | 3,400,000 | - | - | 3,400,000 | - | - | - | - | - |
| 11 | 3-8818.00 | KY-884 | KY 884 (Three Springs Rd) Natcher Parkway overpass to near Flealand Minor Widening | 16,000,000 | - | 2,310,000 | 4,910,000 | 8,780,000 | - | - | - | - |
| 12 | 3-8853.00 | US-31W | US 31W (Nashville Rd) South of intersection with KY 240 (Woodburn-Allen Springs Rd) to Buchanan Park Minor Widening | 17,300,000 | - | 1,800,000 | 2,000,000 | 13,500,000 | - | - | - | - |
| 13 | 3-8854.00 | KY-234 | KY 234 (Cemetery Rd) Fountain Trace to Roger Porter Road Reconstruction | 14,250,000 | - | 1,000,000 | 6,250,000 | - | 7,000,000 | - | - | - |
| 14 | 3-8857.00 | US-31W | US 31W (Nashville Rd) Campbell Lane to Oaklawn Way Major Widening | 12,100,000 | - | 1,750,000 | - | 5,800,000 | - | 4,500,000 | - | - |

| MTP ID | SYP ID | ROUTE | DESCRIPTION | TOTAL COST | 2020 (\$) | 2021 (\$) | 2022 (\$) | 2023 (\$) | 2024 (\$) | 2025 (\$) | 2026 (\$) | 2027 (\$) |
|------------|------------|---------|--|-------------|-----------|------------|------------|------------|------------|------------|-----------|-----------|
| 15 | 3-8904.10 | US-31W | US 31W Bypass Park St to Fairview Ave Minor Widening | 7,750,000 | - | - | 1,500,000 | - | 1,750,000 | 4,500,000 | - | - |
| 16 | 3-8905.00 | US-31W | US 31W (Louisville Road) US 68 (Glasgow Rd) to Mizpah Rd Major Widening | 7,850,000 | - | 1,850,000 | - | 6,000,000 | - | - | - | - |
| 17 | 3-10015.00 | KY-1435 | KY 1435 (Barren River Rd) Bridge over Gasper River Address bridge deficiencies | 1,250,000 | 1,250,000 | - | - | - | - | - | - | - |
| 18 | 3-20016.00 | I-65 | I-65 Simpson County line to KY 234 (Cemetery Rd) Address pavement condition, both directions. | 14,850,000 | - | 1,350,000 | 13,500,000 | - | - | - | - | - |
| 19 | 3-20018.00 | WN-9007 | Natcher Parkway Scottsville Rd through I-65 interchange Address pavement condition, both directions. | 2,200,000 | - | 2,200,000 | - | - | - | - | - | - |
| 20 | 3-80005.00 | KY-242 | KY 242 (Richpond Rd) At Richpond Elementary School Add left turn lane | 660,000 | 400,000 | 260,000 | - | - | - | - | - | - |
| 21 | 3-80051.00 | KY-3225 | KY 3225 (River St) Old Louisville Rd split to US 31W (Louisville Rd) Road Diet | 2,690,000 | - | - | - | 2,690,000 | - | - | - | - |
| 22 | 3-80052.00 | KY-234 | KY 234 (Fairview Avenue) Cemetery Ln to east of Hayes Ln Minor Widening | 3,980,000 | - | - | - | 290,000 | - | 1,710,000 | - | - |
| 1001 | 3-80320.00 | US-68 | Modernize US-68 between Victoria Street and Clay Street in Bowling Green, Warren County, Kentucky. | 11,000,000 | - | - | - | - | 750,000 | - | 2,500,000 | 7,750,000 |
| TOTAL COST | | | | 141,173,295 | 4,783,295 | 45,805,000 | 31,595,000 | 37,060,000 | 22,920,000 | 10,760,000 | 2,500,000 | 7,750,000 |

2024-2028 Transportation Improvement Program

Bowling Green – Warren County Metropolitan Planning Organization

Amendment No. 1

ITEM #s: 03-80320.000

DESCRIPTION: Modernize US-68 between Victoria Street and Clay Street in Bowling Green, Warren County, Kentucky.

SCOPE OF WORK: Reconstruction

ROUTE: US-68

PHASE: D,R,U,C

TYPE OF FUND: NH

FY: 2024, 2026, 2027

AMOUNT: \$11,000,000

Other Information: This TIP Amendment amends specific funding levels listed for NH projects in *Table 2 (Summary of Funding)* of the TIP and modifies the existing project in *Table 4 (Federally Funded Projects)*. This amendment references *Table 6.1 (Short-Range Transportation Projects)* in the 2045 MTP. TIP actions for this project will require additional public review. This action involves a commitment of additional funding for the project by the project sponsor (Kentucky Transportation Cabinet). This funding maintains financial constraint of the TIP and MTP documents, and no additional financial constraint analysis by the MPO is needed.

TABLE 2 | SUMMARY OF HIGHWAY FUNDING TYPES

| FISCAL YEAR | | FUNDING TYPE | | | | | | | | | | | |
|-------------|-----------|---------------|---------------|--------------|------------|-----------|---------------|------------|--------------|--------------|------------|----------------|-----|
| | | NH | | STP | | HSIP | | TAP | GR | BRO | BRX | BRZ | CRP |
| 2024 | Est. Cost | \$ 23,390,000 | \$ 21,433,125 | \$ 7,458,125 | \$ 929,720 | \$ 25,000 | \$ - | \$ - | \$ - | \$ 196,066 | \$ 562,500 | \$ 53,994,536 | |
| | Revenue | \$ 23,390,000 | \$ 21,433,125 | \$ 7,458,125 | \$ 929,720 | \$ 25,000 | \$ - | \$ - | \$ - | \$ 196,066 | \$ 562,500 | \$ 53,994,536 | |
| 2025 | Est. Cost | \$ 33,520,000 | \$ 435,000 | \$ - | \$ - | \$ - | \$ 4,158,000 | \$ - | \$ 7,425,000 | \$ 111,732 | \$ - | \$ 45,649,732 | |
| | Revenue | \$ 33,520,000 | \$ 435,000 | \$ - | \$ - | \$ - | \$ 4,158,000 | \$ - | \$ 7,425,000 | \$ 111,732 | \$ - | \$ 45,649,732 | |
| 2026 | Est. Cost | \$ 2,500,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 506,000 | \$ - | \$ 1,138,300 | \$ - | \$ 4,144,300 | |
| | Revenue | \$ 2,500,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 506,000 | \$ - | \$ 1,138,300 | \$ - | \$ 4,144,300 | |
| 2027 | Est. Cost | \$ 7,750,000 | \$ 4,665,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 12,415,000 | |
| | Revenue | \$ 7,750,000 | \$ 4,665,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 12,415,000 | |
| 2028 | Est. Cost | \$ 5,517,600 | \$ - | \$ - | \$ - | \$ - | \$ 19,272,000 | \$ - | \$ - | \$ - | \$ - | \$ 24,789,600 | |
| | Revenue | \$ 5,517,600 | \$ - | \$ - | \$ - | \$ - | \$ 19,272,000 | \$ - | \$ - | \$ - | \$ - | \$ 24,789,600 | |
| TOTAL | Est. Cost | \$ 72,677,600 | \$ 26,533,125 | \$ 7,458,125 | \$ 929,720 | \$ 25,000 | \$ 23,430,000 | \$ 506,000 | \$ 7,425,000 | \$ 1,446,098 | \$ 562,500 | \$ 140,993,168 | |
| | Revenue | \$ 72,677,600 | \$ 26,533,125 | \$ 7,458,125 | \$ 929,720 | \$ 25,000 | \$ 23,430,000 | \$ 506,000 | \$ 7,425,000 | \$ 1,446,098 | \$ 562,500 | \$ 140,993,168 | |

| TABLE 4 FEDERALLY FUNDED TRANSPORTATION PROJECTS | | | | | | | |
|--|------------------|--------|---|-----------|------|-------|-----------------------|
| KYTC ID | ROUTE | LENGTH | PROJECT DESCRIPTION | FUND TYPE | YEAR | PHASE | TOTAL PHASE COST (\$) |
| 3-110.3 | KY-185 | 1.81 | Improve KY-185 from 0.24 miles south of Pruitt Rd to 0.16 miles south of KY 1320. MP 6.540 to 8.350 | STP | 2024 | C | 14,073,125 |
| 3-110.4 | KY-185 KY-185 | 1.54 | Improve KY-185 from 0.32 miles south of Austin Raymer Road to 0.08 miles south of the bridge over Ivy Creek. | STP | 2025 | U | 435,000 |
| | | | | STP | 2027 | C | 4,665,000 |
| 3-166.00 | US-68 | 0.45 | Construct left and right turn lanes from US 68/KY 80 onto Fred Madison Road at approximately the 17.1 milepoint. | STP | 2024 | C | 1,600,000 |
| 3-933.00 | US-31W | 0.38 | Installation of an Intersection Conflict Warning System and minor access management improvements at the intersection of US 31W (Nashville Rd) and KY 240 (Woodburn Allen Springs Rd / Petros Rd). | HSIP | 2024 | C | 140,000 |
| 3-934.00 | US-68 | 4.52 | Replacement of targeted Guardrail End Treatments on various routes in District 3. | HSIP | 2024 | C | 222,000 |
| 3-938.00 | US-68 / KY-101 | 0.30 | Convert intersection at US-68 at KY-101 to a roundabout (MP 22.100 – 22.400 and MP 7.200 – 7.350). | HSIP | 2024 | C | 1,100,000 |
| 3-939.00 | US-68 | 0.80 | Convert intersection at US-68 at KY-242 to an RCUT and study corridor for additional RCUTS (MP 2.800 – 3.600). | HSIP | 2024 | C | 1,500,000 |
| 3-940.00 | US-231 | 0.70 | Convert intersection at US-231 at I-165 to a Diverging Diamond Interchange (MP 14.500 – 15.200). | HSIP | 2024 | C | 2,000,000 |
| 3-941.00 | US-31W | 0.36 | Construct a roundabout on US 31W from milepoint 1.25 to 1.61 in Warren County. (2024BOP) | HSIP | 2024 | C | 1,500,000 |
| 3-3026.00 | US-31W | | Installation of pedestrian islands at intersections on Riverview Drive at College Street and Center Street. | TAP | 2024 | D | 7,570 |
| | | | | TAP | 2024 | C | 80,747 |
| 3-3206.00 | GW | 2.38 | Construct 10' bike/ped trail from Roland Bland Park to Hobson Grove Park to close the gap between Downtown Bowling Green and the West End in Bowling Green. | TAP | 2024 | C | 841,403 |
| 3-4307.00 | KY-234 | 0.11 | Install guardrail on KY-234 (Cemetery Rd). | GR | 2024 | C | 25,000 |
| 3-8707.00 | I-165 | 0.60 | Construct a new interchange on I-165 (Natcher Parkway) at Elrod Road in Bowling Green. MP 3.4 - MP 4.0 | NH | 2024 | D | 980,000 |
| | | | | NH | 2024 | R | 9,700,000 |
| | | | | NH | 2024 | U | 8,960,000 |
| | | | | NH | 2025 | C | 30,520,000 |
| 3-8905.00 | US-31W | 1.59 | Major widening to improve mobility and reduce congestion on US-31W from US-68 to Mizpah Road. MP 20.904 to 22.490 | STP | 2024 | C | 5,760,000 |
| 3-9024.00 | KY-185 | 1.80 | Perform low-cost safety improvements on KY-185 from MP 8.250 to MP 10.050 in Warren County. | HSIP | 2024 | U | 10,000 |
| | | | | HSIP | 2024 | C | 986,125 |
| 3-10049.00 | KY-185 | 0.11 | Bridge project in Warren County on KY-185 at Barren River. | BRX | 2025 | D | 675,000 |
| 3-10051.00 | KY-880/ US-68 | 0.04 | Bridge project in Warren County on KY-880/US-68 at Jennings Creek. | BRX | 2025 | C | 6,750,000 |
| | | | | BRO | 2025 | D | 378,000 |
| 3-10052.00 | I-65 | 0.12 | Bridge project in Warren County on I-65 at Barren River. | BRO | 2025 | C | 3,780,000 |
| | | | | BRO | 2028 | D | 1,752,000 |
| 3-10053.00 | CR-1388 | 0.01 | Bridge project in Warren County on Greencastle Road at Taylor Branch. | BRO | 2028 | C | 17,520,000 |
| | | | | BRZ | 2026 | D | 46,000 |
| 3-22132.00 | I-165 | 6.60 | Address condition of I-165 from milepoint 0.521 to milepoint 7.121. | BRZ | 2026 | C | 460,000 |
| | | | | NHP | 2028 | D | 501,600 |
| 3-80203.00 | US-31W | 0.75 | Improve mobility and reduce congestion on US-31W (Louisville Road) from Mizpah Road to Freeport Road. | NHP | 2028 | C | 5,016,000 |
| | | | | NH | 2024 | R | 2,000,000 |
| | | | | NH | 2024 | U | 1,000,000 |
| N/A | US-231 | 0.22 | Construct shared use path on US-231 (Scottsville Road) from KY-884 (Three Springs Road) to US-231X (Campbell Ln). | NH | 2025 | C | 3,000,000 |
| | | | | CRP | 2024 | D | 196,066 |
| | | | | CRP | 2025 | R | 111,732 |
| KY FLAP 19 | N/A | - | Planning study for Bowling Green-Mammoth Cave National Park Shared Use Path | CRP | 2026 | C | 1,138,300 |
| 3-80320.00 | US-68 | 0.8 | Modernize US-68 between Victoria Street and Clay Street in Bowling Green, Warren County, Kentucky. | FLAP | 2024 | P | 562,500 |
| | | | | NH | 2024 | D | 750,000 |
| | | | | NH | 2026 | R | 1,000,000 |
| | | | | NH | 2026 | U | 1,500,000 |
| | | | | NH | 2027 | C | 7,750,000 |

TOTAL FUNDING FOR ALL TIP PROJECTS

140,993,168

| Federally Funded Transportation Projects | | | | | | | | |
|--|-------|------------|--|--------------|--------------|---------|--------|---------------|
| KYTC ID | Route | Length | Project Description | | | | | |
| 3-80320.00 | US-68 | 0.8 | Modernize US-68 between Victoria Street and Clay Street in Bowling Green, Warren County, Kentucky. | | | | | |
| Fund Type | Phase | FY 2024 | FY 2025 | FY 2026 | FY 2027 | FY 2028 | Future | Total Funding |
| NH | D | \$ 750,000 | | | | | | \$ 750,000 |
| NH | R | | | \$ 1,000,000 | | | | \$ 1,000,000 |
| NH | U | | | \$ 1,500,000 | | | | \$ 1,500,000 |
| NH | C | | | | \$ 7,750,000 | | | \$ 7,750,000 |
| TOTAL | | | | | | | | \$ 11,000,000 |