



BCATS

November, 2023

Battle Creek Area Transportation Study (BCATS)

Battle Creek Area Transportation Study

601 Avenue A, Springfield, MI 49037 (269) 963-1158 fax (269) 963-4951
e-mail: bcats@bcatsmpo.org website: <https://www.bcatsmpo.org>

BCATS Reports Obligated Federal Transportation Projects for FY 2023

A major responsibility of federally designated metropolitan planning organizations (MPOs) is the development and management of a document and process termed the Transportation Improvement Program (TIP). The TIP is the short-term implementation component of the 20-year long range Metropolitan Transportation Plan that each MPO develops and maintains to plan future improvements to the transportation system.

Under federal transportation legislation passed in 2005, the MPOs are to report to local officials and the public an “annual listing of obligated projects” after the end of each TIP programming year. The programming year is a fiscal year or period of time that runs from October 1st through September 30th of the following calendar year. This annual reporting requirement has continued under subsequent federal legislation, including the most recent transportation funding bill, the Bipartisan Infrastructure Law (BIL) passed in November 2021.

Therefore, the Battle Creek Area Transportation Study (BCATS), the metropolitan planning organization for the greater Battle Creek area, is pleased to provide a listing of the federally funded projects which were obligated during fiscal year 2023 (which ended September 30, 2023). Important to note is that the projects were “obligated” (i.e.: funding was authorized) - but were not necessarily completed. Some projects actually constructed during 2023 may have been “obligated” in earlier fiscal years and will not appear on this listing. Conversely, some projects “obligated” in 2023 may not be constructed until 2024 or after. The listing of 2023 obligated projects for the BCATS area appears in this publication. Also included in the listing, for information purposes, are some projects which did not utilize any federal funds. For those projects, the category of state funding is listed as well as the cost of the project. Any questions about this report may be addressed to the BCATS staff office via any of the contact options at the top of this page.

Federal Legislation continues to provide funding . . .

In November of 2021, when the federal Bipartisan Infrastructure Law (BIL) was passed, the BIL provided for an increase in federal funding for road and transit projects over a five year time period from fiscal years 2022 to 2026. This increased funding level impacted the FY 2023 program as far as total projects able to be obligated. BCATS’ role continues to be to administer whatever level of federal funding is provided for highway, transit and other modes of transportation in the greater Battle Creek area.

Implementing Agency	Phase of Project	Project Name	Improvement(s)	Programmed Total Phase Cost (1)	Federal Fund Source	Federal Funds Programmed (1)	Federal Funds Obligated (2)	Total Actual Project Cost (3)
LOCAL								**
BCATS	NI	FY 2024 Battle Creek Consolidated Planning Funds (for October 1, 2023 - September 30, 2024)	Multi-modal transportation planning & coordination among Federal, State, & local agencies in the BC Metropolitan Area: Cities of Battle Creek & Springfield; Townships of Bedford, Pennfield, Emmett, Leroy, & Newton	\$334,570	PL	\$274,872	\$275,898	\$335,596
CCRD	CON	Morgan Road/North Avenue Intersection	Intersection upgrade - Modernize existing signals, including video detection system (2 federal funding sources combined)	\$361,986	CRSM + CMG	\$324,067	\$361,986	\$1,086,676
CBC	CON	Union Street S	Bridge Rehabilitation for bridge structure #1408 over the Battle Creek (federal + state funding sources combined)	\$2,483,000	BFP + MCS	\$1,986,400	\$1,986,400	\$2,483,000
CCRD	CON	Morgan Road	Mill and Resurface from North Avenue eastward to M-66 (1.5 miles) - additional funding added	\$692,380	STUL	\$566,713	\$566,713	\$692,300
CCRD	CON	Uldriks Drive (1 Mile Road)	Tree removal and clearing from M-89 to U Drive N (2.43 miles)	\$173,000	HSIP	\$155,700	\$155,700	\$173,000
CCRD	CON	Morgan Road	Pavement Markings from North Avenue to M-66 (1.5 miles)	\$52,669	HSIP	\$47,402	\$47,402	\$52,669
CBC	CON	Capital Avenue	HMA Mill and Resurface with ADA Ramps from Rebecca to Van Buren (4.14 miles) (3 federal funding sources combined)	\$1,770,000	STUL + ST + HIPS	\$895,547	\$361,886	\$412,165
CSPR	CON	Harmonia Road	Mill and Resurface from Evergreen to M-37 (Helmer) (1.34 miles)	\$500,000	STUL	\$409,250	\$341,564	\$417,305
CBC, CCRD	CON	North Avenue (6 Mile Road)	Mill and Resurface with ADA Ramps from E Roosevelt Avenue northward to Morgan Road (1.12 miles)	\$543,677	STUL	\$445,000	\$463,328	\$583,469
CCRD	CON	S. Wattles Road (9 Mile Road)	Pulverize existing and Resurface from B Drive N to G Drive N (2.02 miles) (2 federal funding sources combined)	\$2,184,999	STUL + HIPS	\$2,155,959	\$2,024,999	\$2,201,771
CCRD	CON	Main Street	HMA Mill and Resurface with ADA Ramps from M-96 (Columbia Avenue) to City limits (~180’ south of Kingman) (0.3 miles)	\$205,000	STUL	\$28,224	\$139,568	\$170,516
TRANSIT								
CBC/BCT	NI	BCT Transit Capital	Mobility Management Project	\$82,500	5310	\$66,000	\$66,000	\$82,500
CBC/BCT	NI	BCT Bus Shelter Project and Misc.	Bus shelter installation project, marketing/outreach, fare subsidy	\$322,141	CM	\$257,713	\$257,713	\$322,141
CBC/BCT	NI	BCT Transit Capital	New Freedom Mobility Management Project	\$459,990	5317	\$229,995	\$229,995	\$459,990
CBC/BCT	NI	BCT Transit Capital	Replace, upgrade communications equipment	\$159,336	5339	\$127,469	\$127,469	\$159,336
CBC/BCT	NI	Community Action Transit Capital	Purchase computer equipment (three (3) computers and nine (9) monitors)	\$6,000	5310	\$4,800	\$4,800	\$6,000
CBC/BCT	NI	Marian E. Burch Adult Day Care Transit Capital	Purchase one (1) replacement bus	\$142,051	5310	\$113,641	\$113,641	\$142,051
CBC/BCT	NI	BCT Transit Operating Assistance 2022	Federal + local operating assistance for Battle Creek Transit (for total budget, add state share of budget shown in information only section below)	\$3,442,086	5307	\$1,991,634	\$1,991,634	\$3,442,086
CBC/BCT	NI	BCT Transit Capital	Office equipment & furniture; communications & radio equipment; ITS technology including MDT/AVL/GPS	\$659,740	5339	\$527,791	\$527,791	\$659,740
CBC/BCT	NI	BCT Transit Capital	Replace two (2) administrative vehicles; purchase a shop truck with plow, and mobile column lift/vehicle hoist	\$485,500	STUL	\$388,400	\$388,400	\$485,500
STATE								
MDOT	PE + PES	M-89 (Washington Avenue) Bridge over Battle Creek River	Bridge Superstructure Replacement (CON expected 2026)	\$801,800	BFP	\$656,273	\$656,273	\$5,649,924
MDOT	PE + PES	I-94BL/M-96 (Michigan Avenue) Bridge over MDOT RR Corridor	Bridge Capital Preventative Maintenance (CON expected 2026)	\$12,500	BFP	\$10,231	\$10,231	\$127,500
MDOT	CON	M-37, M-66, and M-78 in Bedford and Pennfield Township	Road CPM - Single course chip seal with fog seal (9.75 miles)	\$1,287,000	ST	\$964,465	\$853,389	\$1,345,500*
MDOT	CON	M-37 @ Grand Trunk Western Railroad	Active Warning Device Upgrade	\$84,975	STRH	\$76,478	\$145,187	\$161,319
MDOT	CON	Southwest Regionwide Existing Dynamic Message Signs	Install closed circuit television cameras on existing Dynamic Message Signs in the BCATS area (3 locations on I-94)	\$127,027	NH	\$116,025	\$109,209	\$814,323*
MDOT	PE	M-96 (Helmer Road) from Territorial Road to Dickman Road	Convert 4 lanes to 5 lane section (add left turn lane) (0.96 miles) (CON expected 2025)	\$395,125	NH	\$323,410	\$323,410	\$3,025,322
MDOT	PE	Southwest Regionwide Pedestrian Crosswalk Installations	Install 2 pedestrian crosswalk locations in the BCATS area: M-66 (Capital Avenue NE) at Bridge Street; M-66 (Division Street) at State Street	\$31,871	VRU	\$28,684	\$28,684	\$1,286,321*
MDOT	PE + CON	Southwest Regionwide Longitudinal Pavement Markings	Longitudinal pavement marking application on trunklines in the BCATS area	\$179,100	HSIP	\$161,190	\$206,842	\$2,553,610*
MDOT	PE	Southwest Regionwide Special Pavement Markings	Special pavement marking application on trunklines in the BCATS area	\$164	HSIP	\$148	\$148	\$511,818*
MDOT	CON	Southwest Regionwide Pavement Marking Retroreflectivity	Conduct retroreflectivity readings on trunkline pavement markings in the BCATS area	\$1,269	HSIP	\$1,142	\$1,142	\$14,101*
MDOT	PE	Various Locations –Marshall TSC Signal Modernization	Modernize Signalized Intersections	\$340,217	STG	\$340,217	\$340,217	\$3,761,433*
NON-FEDERALLY FUNDED 2023		FOR INFORMATION ONLY-NOT REQUIRED TO BE REPORTED						
Implementing Agency	Phase of Project	Project Name	Improvement(s)		State Fund Source	State Amount		Project Cost **
CBC/BCT	NI	Transit Operating Specialized Services FY 2022	Specialized services operating funding for Marian Burch Adult Day Care, Community Action, Community Inclusive Recreation, and BCT		CTF	\$108,434		\$108,434
CBC/BCT	NI	Battle Creek Transit 2022 State Operating Assistance	Local bus operating assistance from the State of Michigan to Battle Creek Transit		CTF	\$1,450,452		\$1,450,452
MDOT	CON	I-94BL (Columbia Avenue) from Skyline Drive to Helmer Road	Road CPM - Milling and one course asphalt overlay (2.12 miles)		M	\$1,053,000		\$1,053,000
CBC, MDOT	EPE	City of Battle Creek Traffic Study	Traffic & Operational study for the Beckley Road corridor managed by the City of Battle Creek		M	\$10,305		\$10,305
MDOT	PE	M-96 (Dickman Road) from the county line to M-37	Road CPM - Milling and one course asphalt overlay with sidewalk ramp improvements (3.59 miles) (CON expected 2024)		M	\$45,000		\$45,000

See table key on next page

* some Federal Funds Obligated amounts and Total Actual Project Cost amounts reflect entire areawide, regionwide, or statewide project amounts rather than for the BCATS area only ** in the case of PE and PES phases, as well the CON phase, the Total Project Cost may include all phases, current and future, of the planned project in the total cost



*Susan L. Anderson Municipal Building,
Springfield City Hall
601 Avenue A
Springfield, MI 49037*

ACKNOWLEDGEMENTS - This document was financed through grants from the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA), and with local funds provided by the Calhoun County Road Department, the City of Battle Creek, and the City of Springfield.

Deciphering the Table on the Previous Page

Implementing Agency Codes: CBC=City of Battle Creek; CBC/BCT=Battle Creek Transit; CCRD=Calhoun County Road Department; CSPR=City of Springfield; BCATS=Battle Creek Area Transportation Study; MDOT=Michigan Department of Transportation

Phase of Project Codes: PE=preliminary engineering; EPE=early PE; PES=Preliminary Engineering Structures; NI=non-infrastructure (such as Planning, Transit and some railroad work); CON=construction or purchase; ROW=right-of-way acquisition

Federal Fund Source Codes: ST=Surface Transportation any area; STRH=Surface Transportation Program Safety Rail-Highway and Incentive (100% federally funded); STUL=Surface Transportation urban local (<200,000 population); HIPS=Highway Improvement Program (<200,000 population); BFP=Bridge Formula Program; PL=Planning; CMG=Congestion Mitigation & Air Quality Program (100% federally funded); CM=Congestion Mitigation & Air Quality Program (local match required); CRSM=Carbon Reduction Program (<200,000 population); STG=Surface Transportation (100% federally funded); NH=National Highway System; HSIP=Highway Safety Improvement Program; VRU=Vulnerable Road Users Program; TA=Transportation Alternatives; 5307=Federal Transit Administration (FTA) Section 5307 - UZA (urbanized areas) Formula (Operating Assistance); 5310=FTA Section 5310 - Elderly & Disabled; 5339=FTA Section 5339 - Bus and Bus Facilities

State Fund Source Codes: TEDF=Transportation Economic Development Fund/Award Categories A thru F; CTF=Comprehensive Transportation Fund; MRR=Michigan Railroad; M=Michigan Funds Michigan Betterment; MCS=Michigan Critical Structures; GF=General Fund (followed by year of funds utilized designation); CTFR=Comprehensive Transportation Fund Rail; RBMP=Rebuilding Michigan Bond Program

Other Abbreviations - CPM=Capital Preventative Maintenance; ITS=Intelligent Transportation System; MDT=Mobile Data Terminals; AVL=Automatic Vehicle Location; GPS=Geographic Positioning System

Notated Column Numbers from the prior page:

(1) "Programmed Total Phase Cost" and "Federal Funds Programmed" are the amounts programmed for the project in BCATS' Transportation Improvement Program (TIP). (2) "Federal Funds Obligated" is the amount of Federal \$ actually contracted for the project and recorded in the MDOT database. (3) "Total Actual Project Cost" is the reported actual cost for the project in the MDOT database. Some projects may be identified as "Areawide", "Countywide", or "Regionwide" and the obligated funds are only being reported for the portion of the project located in the BCATS area, as best as that amount can be determined, but the total cost usually reflects the entire project beyond the BCATS area.

Not all codes, above, may be represented in this report each year. All figures are to the best of BCATS' knowledge at the time of publication.

Did you know . . .

- A total of approximately \$13.1 million in federal funding was obligated for projects in the greater Battle Creek area in fiscal year 2023 - while this is about \$3 million less than the amount of federal funds obligated for the BCATS area in 2022, it is \$2.7 million more than the amount of federal funds obligated for the BCATS area in 2021. The state's Rebuilding Michigan Bond Program continues to result in many major projects being funded primarily, or wholly, by state funding sources only. This is not unique to the BCATS area.
- Several categories of federal funding are available to the BCATS area for local projects, including: small MPO area surface transportation, transportation alternatives, safety, air quality improvement, rural, and transit operating and capital funds. In addition, the Michigan Department of Transportation (MDOT) uses many categories of federal funds to maintain and improve the interstates and state trunkline roads in the area. This represents federal gas tax revenues coming back to the local community. MDOT also completes projects with state transportation funds generated from state gas tax revenues and bonding programs, as noted above.
- In 2023, of the total obligated federal funds, about \$620,000 was allocated for state and local projects benefitting improved air quality (including carbon emission reduction), and just over \$3.7 million was allocated for transit projects.