

FY 2023-2026 Transportation Improvement Program (TIP) Project List

(as of 5/5/22 and approved by BCATS Policy Committee 5/25/22)

Fiscal Year	Job Number	Phase	Responsible Agency	Project Name	Limits	Figures 8-1+2 Map ID#	Length	Primary Work Type	Project Description	Federal Cost	Federal Fund Source	State Cost	Local Cost	Total Phase Cost	Comments	Total Project Cost
2023	207393	CON	Calhoun County	Morgan Rd (O Dr N)	from North Ave (6 Mile Rd) eastward to M-66 (Capital Ave NE)	301	1.50	Road Rehabilitation	Mill & Resurface	\$ 566,713	STUL	\$ -	\$ 125,667	\$ 692,380	CR3, 2/7/22 - uncommitted FY23 STUL funds of \$162,910 assigned to this JN207393 (Morgan Rd) project, in response to denied TEDF-F grant app. CR4, 3/14/22 - total cost adjusted and project funded at standard 18.15% local match.	\$ 796,237
2023	207469	CON	Calhoun County	Signal Upgrade - Morgan Rd @ North Ave (6 Mile Rd)	Signalized intersection of Morgan Rd and North Ave	302	0.00	Traffic Safety	Upgrade/modernize existing signals, including video detection system	\$ 171,000	CRSM	\$ -	\$ 37,919	\$ 208,919	CR2 (submitted 5/13/21) at request of Calhoun County Road Dept (CCRD), to move this JN-207469 to FY23 to coincide with Morgan Rd construction JN-207393. This CMAQ-funded JN-207469 swapped with equal cost CMAQ-funded JN-207465, moved from FY23 to FY22. Change to better coordinate with road improvements adjacent to intersection signal work. CR5 (submitted 3/15/22) adjust funding composition post-IIJA/BIL to reduced CMAQ availability of \$153,067, offset with "new" Carbon Reduction Program \$171,000 + required local match..	\$ 361,986
2023	207469	CON	Calhoun County	Signal Upgrade - Morgan Rd @ North Ave (6 Mile Rd)	Signalized intersection of Morgan Rd and North Ave	302	0.00	Traffic Safety	Upgrade/modernize existing signals, including video detection system	\$ 153,067	CMG	\$ -	\$ -	\$ 153,067	CR2 (submitted 5/13/21) at request of Calhoun County Road Dept (CCRD), to move this JN-207469 to FY23 to coincide with Morgan Rd construction JN-207393. This CMAQ-funded JN-207469 swapped with equal cost CMAQ-funded JN-207465, moved from FY23 to FY22. Change to better coordinate with road improvements adjacent to intersection signal work. CR5 (submitted 3/15/22) adjust funding composition post-IIJA/BIL to reduced CMAQ availability of \$153,067, offset with "new" Carbon Reduction Program \$171,000 + required local match..	\$ 361,986
2023	214629	CON	Calhoun County	Uldriks Rd (1 Mile Rd)	from M-89 to U Drive N (Meachem Rd)	303	2.43	Traffic Safety	Tree removal and clearing	\$ 155,700	HSIP	\$ -	\$ 17,300	\$ 173,000		\$ 173,000
2023	214631	CON	Calhoun County	Morgan Rd (O Dr N)	from North Ave (6 Mile Rd) eastward to M-66 (Capital Ave NE)	304	1.50	Traffic Safety	Pavement markings	\$ 47,402	HSIP	\$ -	\$ 5,267	\$ 52,669		\$ 52,669
2023	207416	CON	City of Battle Creek	Capital Ave SW+NE, four segments	Dickman--Fairfield, Weeks--Rebecca, Dickman--Michigan, Michigan--Cherry	305	3.74	Road Capital Preventive Maintenance	HMA mill & resurface with ADA ramp upgrades	\$ 732,548	STUL	\$ -	\$ 326,281	\$ 1,058,829	CR2 (submitted 3/15/22) adjusted composition of Fed-aid post-IIJA/BIL with replacement of STUL funds with STP-Flex (\$51,000) and HIPS (\$25,260) funds to allow STUL funds to be redirected to another project.	\$ 1,151,999
2023	207416	CON	City of Battle Creek	Capital Ave SW+NE, four segments	Dickman--Fairfield, Weeks--Rebecca, Dickman--Michigan, Michigan--Cherry	305	3.74	Road Capital Preventive Maintenance	HMA mill & resurface with ADA ramp upgrades	\$ 51,000	ST	\$ -	\$ 11,309	\$ 62,309	CR2 (submitted 3/15/22) adjusted composition of Fed-aid post-IIJA/BIL with replacement of STUL funds with STP-Flex (\$51,000) and HIPS (\$25,260) funds to allow STUL funds to be redirected to another project.	\$ 1,151,999
2023	207416	CON	City of Battle Creek	Capital Ave SW+NE, four segments	Dickman--Fairfield, Weeks--Rebecca, Dickman--Michigan, Michigan--Cherry	305	3.74	Road Capital Preventive Maintenance	HMA mill & resurface with ADA ramp upgrades	\$ 25,260	HIPS	\$ -	\$ 5,601	\$ 30,861	CR2 (submitted 3/15/22) adjusted composition of Fed-aid post-IIJA/BIL with replacement of STUL funds with STP-Flex (\$51,000) and HIPS (\$25,260) funds to allow STUL funds to be redirected to another project.	\$ 1,151,999
2023	212288	CON	City of Battle Creek	Union Street S	Union Street S, Str #1408 over the Battle Creek River, City of Battle Creek	306	0.00	Bridge Rehabilitation	Bridge Rehabilitation	\$ 1,986,400	BHT	\$ 372,450	\$ 124,150	\$ 2,483,000		\$ 2,483,000
2023	214633	CON	City of Battle Creek	Helmer Rd S	Helmer Road S at Potters Dr, city of Battle Creek	307	0.07	Traffic Safety	Overhead flashing beacon	\$ 24,000	HSIP	\$ -	\$ 6,000	\$ 30,000		\$ 30,000
2023	208191	NI	City of Battle Creek - Transit	Transit Operating - Battle Crk Transit, Fed+Local, FY23	Areawide - Battle Creek Transit		0.00	SP3000-operating except JARC and New Freedom	Operating Assistance - FTA Sec5307 and Local	\$ 1,432,585	5307	\$ -	\$ 1,432,585	\$ 2,865,170	This Fed + Local operating assistance is complemented annually by ~\$1.4M in "Local Bus Operating (LBO)" funds from the State of Michigan Comprehensive Transportation Fund (CTF) directed to Battle Creek Transit.	\$ 2,865,170
2023	208238	NI	City of Battle Creek - Transit	Transit Capital - Battle Creek Transit, Sec5339	Areawide - Battle Creek Transit		0.00	SP1402-fare collection	Farebox upgrade (qty up to 25)	\$ 142,725	5339	\$ 35,681	\$ -	\$ 178,406	BCT's farebox system has surpassed its useful life (purchased in 2004) and is outdated.	\$ 178,406
2023	208269	NI	City of Battle Creek - Transit	Transit Operating - Specialized Services FY23	Areawide/Battle Creek/Calhoun County		0.00	SP09-Specialized Service	Services for elderly & individuals w/disabilities under FY23 SpecSrvcs Prog. Funds to BCT and passed thru to local human service agencies.	\$ -		\$ 108,434	\$ -	\$ 108,434	Regionally Significant per BCATS discretion, request, and historic use of the TIP. 100% State CTF "Specialized Services" operating funding for local transit had always been listed in every year of the BCATS TIP as a line item, pre-JobNet.	\$ 92,624
2023	216518	NI	City of Battle Creek - Transit	Transit Operating - Battle Crk Transit, Sec5310 New Freedom FY23 - JN-216518	Areawide - Battle Creek Transit		0.00	6470-5310 - New Freedom Operating	New Freedom annual operating assistance for expanded demand response service beyond pre-existing route hours & boundaries.	\$ 229,995	5310	\$ -	\$ 229,995	\$ 459,990	FY23 project to be added to current FY20-23 TIP in May 2022 by Amendment #16.	\$ 459,990
2023	216521	NI	City of Battle Creek - Transit	Transit Capital - Battle Crk Transit, Sec5310 New Freedom Mobility Management FY23 - JN-216521	Areawide/Battle Creek/Calhoun County		0.00	6410-5310 Projects - New Freedom mobility management	Continuation of mobility management to coordinate countywide transportation efforts and centralized dispatch coordinating service between multiple providers.	\$ 66,000	5310	\$ 16,500	\$ -	\$ 82,500	FY23 project to be added to current FY20-23 TIP in May 2022 by Amendment #16.	\$ 82,500

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2023	215195	NI	Community Action Agency of South Central MI, Inc	Transit Capital - Community Action, Sec5310, computer equipment	Areawide services, computer equipment in CA central office		0.00	1140-Bus Support Equip / Facilities	FY 2023 Sec5310 Transit Capital, computer equipment in CA central office	\$ 4,800	5310	\$ 1,200	\$ -	\$ 6,000	FY23 Sec5310 app from CA for computer equipment. No vehicles eligible for replacement. Asking for 3 computers and 9 monitors. Requesting \$6,000 total.	\$ 6,000
2023	216491	NI	Marian E. Burch Adult Care & Rehabilitation Center	Transit Capital - MBADC, Sec5310, bus replacement	Areawide/Calhoun County		0.00	6410-5310 Projects	FY23 Sec5310 replacement of vehicle ending in 4762 "Mr. Reid"	\$ 69,200	5310	\$ 17,300	\$ -	\$ 86,500	Replacement vehicle Small Bus, 158 in. wheelbase, w/lift, gas engine.	\$ 86,500
2023	207365	PE	MDOT	MDOT Southwest Region-wide Pavement Markings	All trunkline routes of BCATS MPO		0.98	Traffic Safety	Longitudinal pavement marking application on trunklines in Southwest Region	\$ 810	HSIP	\$ 90	\$ -	\$ 900		\$ 1,990,000
2023	207365	CON	MDOT	MDOT Southwest Region-wide Pavement Markings	All trunkline routes of BCATS MPO		0.98	Traffic Safety	Longitudinal pavement marking application on trunklines in Southwest Region	\$ 160,380	HSIP	\$ 17,820	\$ -	\$ 178,200		\$ 1,990,000
2023	207367	PE	MDOT	MDOT Southwest Region-wide Pavement Markings	All trunkline routes of BCATS MPO		1.19	Traffic Safety	Special pavement marking application on trunklines in Southwest Region	\$ 810	HSIP	\$ 90	\$ -	\$ 900		\$ 520,000
2023	207367	CON	MDOT	MDOT Southwest Region-wide Pavement Markings	All trunkline routes of BCATS MPO		1.19	Traffic Safety	Special pavement marking application on trunklines in Southwest Region	\$ 41,310	HSIP	\$ 4,590	\$ -	\$ 45,900		\$ 520,000
2023	207378	CON	MDOT	MDOT Southwest Region-wide pvmt mrkg retro readings	All trunkline routes of BCATS MPO		1.72	Traffic Safety	Pavement marking retroreflectivity readings on Southwest Region trunklines	\$ 891	HSIP	\$ 99	\$ -	\$ 990		\$ 11,000
2023	207433	CON	MDOT	I-94 E	I-94 Existing DMS		0.00	ITS Applications	Install seventeen (17) CCTV cameras on existing DMS.	\$ 49,326	NH	\$ 10,938	\$ -	\$ 60,264		\$ 411,723
2023	208435	CON	MDOT	I-194	under M-96 (Columbia Avenue)	308	0.23	Bridge Rehabilitation	Full Depth Deck Patching, Concrete Deep Overlay, Full Paint, Beam Repairs	\$ 2,634,990	IM,ST	\$ 279,263	\$ 24,394	\$ 2,938,647		\$ 3,296,647
2023	210822	PE	MDOT	M-66 N	Beckley Road to I-94 in Calhoun County	416	0.28	Minor Widening	Construct auxiliary lane on M-66 NB between Beckley Rd. and I-94.	\$ -		\$ 115,000	\$ -	\$ 115,000	JN-210822 PE phase changed to 100% State funding June/2021. MPO requests "Regionally Significant" tag on PE phase to reverse S/TIP Exempt status. Pending in TIP Amendment #16 May 2022.	\$ 785,000
2023	210823	PE	MDOT	M-96 (Helmer Rd)	from Territorial Road to Dickman Road	522	0.96	Minor Widening	Convert 4 lanes to 5 lane section.	\$ 323,410	NH	\$ 62,751	\$ 8,964	\$ 395,125		\$ 2,841,721
2023	213288	CON	MDOT	M-37, M-66, M-78 Capital Preventive Maintenance (CPM)	on Calhoun County parts of M-78, of M-66 north of Wanadoga Creek, and of M-37 north of Creekview Dr.	309	8.94	Road Capital Preventive Maintenance	Single course chip seal with fog seal	\$ 679,355	ST	\$ 150,645	\$ -	\$ 830,000		\$ 860,000
2023	213296	ROW	MDOT	M-96 (Dickman Rd)	Calhoun County portion of the M-96 project, from Armstrong Rd eastward to Helmer Rd	418	4.45	Road Capital Preventive Maintenance	Milling and one course asphalt overlay	\$ -	M	\$ -	\$ -	\$ -		\$ 3,070,000
2023	213719	PES	MDOT	M-89 (Washington Avenue)	Bridge over Battle Creek River, Battle Creek, Calhoun County	614	0.00	Bridge Replacement	Superstructure Replacement	\$ -	M	\$ 636,458	\$ 90,923	\$ 727,381		\$ 5,649,924
2023	213719	PE	MDOT	M-89 (Washington Avenue)	Bridge over Battle Creek River, Battle Creek, Calhoun County	614	0.00	Bridge Replacement	Superstructure Replacement	\$ -	M	\$ 65,117	\$ 9,302	\$ 74,419		\$ 5,649,924
2023	214181	PE	MDOT	Marshall TSC-wide Signal Modernizations	Six locations in BCATS area: I-94BL, M-96 (Dickman) at M-37 W Jct (Helmer); I-94BL, M-96 (Dickman) at M-37 E Jct (Helmer); M-96 (Columbia) at 28th; M-89 (Michigan) at 20th; M-89 (Washington) at M-89 (Michigan); I-94BL (Michigan) at M-96 (Columbia)	631	0.00	Traffic Safety	Modernize signalized intersections	\$ 340,217	STG	\$ -	\$ -	\$ 340,217	PE 2023, ROW 2025, CON 2026	\$ 3,461,636
2023	214871	PE	MDOT	I-94BL (Michigan Ave E)	I-94BL aka Main St at Dickman Rd, northwest to Hamblin Ave northeast to Michigan Ave southeast to Wattles Rd (9 1/2 Mile Rd)	934	3.92	Road Rehabilitation	Milling and two course asphalt overlay	\$ 652,754	NH	\$ 136,604	\$ 8,142	\$ 797,500	2023 PE, 2025 ROW, 2029 CON	\$ 8,000,000
2023	214947	PES	MDOT	I-94BL (Michigan Ave E)	over MDOT RR Corridor, 0.2 miles east of M-96 (Columbia)	632	0.00	Bridge CSM	Joint Repair, Approach Patching, Slope Repair, Silane Rail	\$ 6,957	BFP	\$ 1,543	\$ -	\$ 8,500		\$ 127,500
2023	214947	PE	MDOT	I-94BL (Michigan Ave E)	over MDOT RR Corridor, 0.2 miles east of M-96 (Columbia)	632	0.00	Bridge CSM	Joint Repair, Approach Patching, Slope Repair, Silane Rail	\$ 3,274	BFP	\$ 726	\$ -	\$ 4,000		\$ 127,500
2024	216512	CON	Calhoun County	N. Wattles Rd (9 1/2 Mile Rd) - JN-216512	from Michigan Ave (I-94BL/M-96) northward to Verona Rd	410	1.51	Road Rehabilitation	Cold in place recycle the full width of pavement, including bike lanes. New signs and pavement markings.	\$ 666,275	STUL	\$ -	\$ 147,744	\$ 814,019	Total project CON phase cost \$877,550 (\$718,275 Fed, \$159,275 CCRD).	\$ 982,856
2024	216512	CON	Calhoun County	N. Wattles Rd (9 1/2 Mile Rd) - JN-216512	from Michigan Ave (I-94BL/M-96) northward to Verona Rd	410	1.51	Road Rehabilitation	Cold in place recycle the full width of pavement, including bike lanes. New signs and pavement markings.	\$ 52,000	STP-Flex	\$ -	\$ 11,531	\$ 63,531	Total project CON phase cost \$877,550 (\$718,275 Fed, \$159,275 CCRD).	\$ 982,856

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2024	216527	CON	City of Battle Creek	City of BC 2024 Road Rehabilitations - JN-216527	Segments of Michigan (Washington to State), Porter (Michigan to Raymond), Sonoma (south City limits to Minges to Beckley).	411	2.17	Road Rehabilitation	HMA mill and resurface with ADA ramp upgrades and associated items	\$ 394,325		\$ -	\$ 87,440	\$ 481,765		\$ 539,577
2024	216528	CON	City of Battle Creek	City of BC 2024 Road Capital Preventive Maintenance (CPM) - JN-216528	Segments of Territorial (Helmer to Riverside), Helmer (Gethings to Columbia), 20th (Columbia to Goguac), Hamblin (Washington to Division), Kendall (Dickman to Michigan).	412	5.67	Road CPM	Single chipseal and fog seal with associated items	\$ 353,400		\$ -	\$ 78,365	\$ 431,765		\$ 483,577
2024	216602	CON	City of Battle Creek	Intersection-Signal Modernization - Golden @ Riverside - JN-216602	intersection of Golden Ave and Riverside Dr and approaches	413	--	Traffic Safety	Remove and replace signal with modernized box span configuration.	\$ 175,000	Carbon Reduction Program (CRSM)	\$ -	\$ 38,806	\$ 213,806	Total project CON phase cost \$369,934 (\$331,128 Fed, \$38,806 City of BC).	\$ 414,326
2024	216602	CON	City of Battle Creek	Intersection-Signal Modernization - Golden @ Riverside - JN-216602	intersection of Golden Ave and Riverside Dr and approaches	413	--	Traffic Safety	Remove and replace signal with modernized box span configuration.	\$ 156,128	CMAQ 100% (CMG)	\$ -	\$ -	\$ 156,128	Total project CON phase cost \$369,934 (\$331,128 Fed, \$38,806 City of BC).	\$ 414,326
2024	216643	NI	City of Battle Creek - Transit	Transit Operating - Battle Crk Transit, Fed+Local, FY24 - JN-216643	Areawide - Battle Creek Transit		0.00	SP3000-operating except JARC and New Freedom	Operating Assistance - FTA Sec5307 and Local - JN-216643	\$ 1,461,237	5307	\$ -	\$ 1,461,237	\$ 2,922,474	This Fed + Local operating assistance is complemented annually by ~\$1.4M in "Local Bus Operating (LBO)" funds from the State of Michigan Comprehensive Transportation Fund (CTF) directed to Battle Creek Transit.	\$ 2,922,474
2024	216648	NI	City of Battle Creek - Transit	Transit Operating - Battle Crk Transit, Sec5310 New Freedom FY24 - JN-216648	Areawide - Battle Creek Transit		0.00	6470-5310 - New Freedom Operating	New Freedom annual operating assistance for expanded demand response service beyond pre-existing route hours & boundaries.	\$ 229,995	5310	\$ -	\$ 229,995	\$ 459,990		\$ 459,990
2024	216653	NI	City of Battle Creek - Transit	Transit Capital - Battle Crk Transit, FY24 Sec5339. 3 (three) replacement vans. JN-216653	Areawide - Battle Creek Transit		0.00	SP1105 - van replacement	Replace three vehicles which have met their useful life based on age, with three 6-passenger accessible mini-vans w/ramp, etc.	\$ 142,725	5339	\$ 35,681	\$ -	\$ 178,406		\$ 178,406
2024	216654	NI	City of Battle Creek - Transit	Transit Capital - Battle Crk Transit, Sec5310 New Freedom Mobility Management FY24 - JN-216654	Areawide/Battle Creek/Calhoun County		0.00	6410-5310 Projects - New Freedom mobility management	Continuation of mobility management to coordinate countywide transportation efforts and centralized dispatch coordinating service between multiple providers.	\$ 66,000	5310	\$ 16,500	\$ -	\$ 82,500		\$ 82,500
2024	216659	NI	Community Action Agency of South Central MI, Inc	Transit Capital - Community Action, Sec5310, bus replacements (2) - JN-216659	Areawide/Calhoun County		0.00	6410-5310 Projects	Replace passenger van #CA158 and wheel chair van #CA157.	\$ 118,640		\$ 29,660	\$ -	\$ 148,300	Replacement vehicles Light-Duty Bus, 138 in. wheelbase, gas engine; passenger van replacement w/o lift, total \$71,650; wheel chair van replacement w/lift, total \$76,650.	\$ 148,300
2024	210666	NI	Community Inclusive Recreation	Transit Capital - Community Inclusive Rec, Sec5310, bus replacement	Areawide/Calhoun County		0.00	6410-5310 Projects	Purchase 1 (one) replacement bus for 2017 small light duty bus VIN ending -1949.	\$ 63,200	5310	\$ 15,800	\$ -	\$ 79,000	Replacement vehicle Small Bus, 158 in. wheelbase, w/lift, gas engine.	\$ 79,000
2024	207391	PE	MDOT	MDOT Southwest Region-wide Pavement Markings	All trunkline routes of BCATS MPO		2.88	Traffic Safety	Longitudinal pavement marking application on trunklines in Southwest Region	\$ 810	HSIP	\$ 90	\$ -	\$ 900		\$ 2,265,000
2024	207391	CON	MDOT	MDOT Southwest Region-wide Pavement Markings	All trunkline routes of BCATS MPO		2.88	Traffic Safety	Longitudinal pavement marking application on trunklines in Southwest Region	\$ 182,655	HSIP	\$ 20,295	\$ -	\$ 202,950		\$ 2,265,000
2024	207392	PE	MDOT	MDOT Southwest Region-wide Pavement Markings	All trunkline routes of BCATS MPO		3.82	Traffic Safety	Special pavement marking application on trunklines in Southwest Region	\$ 810	HSIP	\$ 90	\$ -	\$ 900		\$ 395,000
2024	207392	CON	MDOT	MDOT Southwest Region-wide Pavement Markings	All trunkline routes of BCATS MPO		3.82	Traffic Safety	Special pavement marking application on trunklines in Southwest Region	\$ 31,185	HSIP	\$ 3,465	\$ -	\$ 34,650		\$ 395,000
2024	207403	CON	MDOT	MDOT Southwest Region-wide pvmt mrkg retro readings	All trunkline routes of BCATS MPO		1.69	Traffic Safety	Pavement marking retroreflectivity readings on Southwest Region trunklines	\$ 891	HSIP	\$ 99	\$ -	\$ 990		\$ 11,000
2024	210024	CON	MDOT	I-194	over Kalamazoo River, Calhoun County	415	0.00	Bridge Replacement	Bridge Replacement, Approaches	\$ -	RBMP	\$ 25,119,207	\$ -	\$ 25,119,207		\$ 27,791,207
2024	210822	CON	MDOT	M-66 N	Beckley Road to I-94 in Calhoun County	416	0.28	Minor Widening	Construct auxiliary lane on M-66 NB between Beckley Rd. and I-94.	\$ 548,395	CM	\$ 121,605	\$ -	\$ 670,000		\$ 785,000
2024	211892	PE	MDOT	M-66	M-66 from Glenn Cross Road South to Athens Twp Border	523	13.72	Traffic Safety	Fixed Object Removal	\$ 65,903	HSIP	\$ 6,407	\$ 915	\$ 73,225		\$ 744,000
2024	212098	CON	MDOT	I-94	The Battle Creek Rest Area	417	0.00	Roadside Facilities - Improve	Reconstruct the Battle Creek Rest Area Building	\$ 3,785,344	NH	\$ 714,656	\$ -	\$ 4,500,000		\$ 5,020,000
2024	213296	CON	MDOT	M-96	Calhoun County portion of the M-96 project, from Armstrong Rd eastward to Helmer Rd	418	4.45	Road Capital Preventive Maintenance	Milling and one course asphalt overlay	\$ -	M	\$ 2,709,000	\$ -	\$ 2,709,000		\$ 3,070,000

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2025	216614	CON	Calhoun County	S. Wattles Rd (9 Mile Rd) - JN-216614	from B Dr N northward to northernmost G Dr N intersection	519	2.02	Road Rehabilitation	Pulverize existing roadway and resurface over the graded and compacted crushed asphalt. Roadway also to be trenched and expanded to provide 6' shoulder (3' paved, 3' gravel).	\$ 995,000		\$ 220,638	\$ -	\$ 1,215,638		\$ 1,361,515
2025	216615	CON	City of Battle Creek	City of BC 2025 Road Rehabilitations - JN-216615	Segments of Limit (Parkway to Goodale), Elm (Cliff to Capital), Riverside (Columbia to Dickman), and Cliff (Main to Raymond). (including a CCRD portion of Cliff St).	520	3.85	Road Rehabilitation	HMA mill and resurface with ADA ramp upgrades and associated items	\$ 447,000	STUL	\$ -	\$ 99,121	\$ 546,121	Total project CON phase cost \$610,874 (\$500,000 Fed, \$110,874 City of BC).	\$ 684,179
2025	216615	CON	City of Battle Creek	City of BC 2025 Road Rehabilitations - JN-216615	Segments of Limit (Parkway to Goodale), Elm (Cliff to Capital), Riverside (Columbia to Dickman), and Cliff (Main to Raymond). (including a CCRD portion of Cliff St).	520	3.85	Road Rehabilitation	HMA mill and resurface with ADA ramp upgrades and associated items	\$ 53,000	STP-Flex	\$ -	\$ 11,753	\$ 64,753	Total project CON phase cost \$610,874 (\$500,000 Fed, \$110,874 City of BC).	\$ 684,179
2025	216618	CON	City of Battle Creek	Intersection-Signal Modernization - McCamly @ VanBuren - JN-216618	intersection of McCamly St and VanBuren St and approaches	521	--	Traffic Safety	Modernize signalization and associated items with removal and replacement of mast arm signal components.	\$ 178,000	Carbon Reduction Program (CRSM)	\$ -	\$ 39,741	\$ 217,741	Total project CON phase cost \$376,722 (\$337,251 Fed, \$39,471 City of BC).	\$ 421,929
2025	216618	CON	City of Battle Creek	Intersection-Signal Modernization - McCamly @ VanBuren - JN-216618	intersection of McCamly St and VanBuren St and approaches	521	--	Traffic Safety	Modernize signalization and associated items with removal and replacement of mast arm signal components.	\$ 159,251	CMAQ 100% (CMG)	\$ -	\$ -	\$ 159,251	Total project CON phase cost \$376,722 (\$337,251 Fed, \$39,471 City of BC).	\$ 421,929
2025	216646	NI	City of Battle Creek - Transit	Transit Operating - Battle Crk Transit, Fed+Local, FY25 - JN-216646	Areawide - Battle Creek Transit		0.00	SP3000-operating except JARC and New Freedom	Operating Assistance - FTA Sec5307 and Local - JN-216646	\$ 1,490,462	5307	\$ -	\$ 1,490,462	\$ 2,980,924	This Fed + Local operating assistance is complemented annually by ~\$1.4M in "Local Bus Operating (LBO)" funds from the State of Michigan Comprehensive Transportation Fund (CTF) directed to Battle Creek Transit.	\$ 2,980,924
2025	216651	NI	City of Battle Creek - Transit	Transit Operating - Battle Crk Transit, Sec5310 New Freedom FY25 JN-216651	Areawide - Battle Creek Transit		0.00	6470-5310 - New Freedom Operating	New Freedom annual operating assistance for expanded demand response service beyond pre-existing route hours & boundaries.	\$ 229,995	5310	\$ -	\$ 229,995	\$ 459,990		\$ 459,990
2025	216655	NI	City of Battle Creek - Transit	Transit Capital - Battle Crk Transit, Sec5310 New Freedom Mobility Management FY25 - JN-216655	Areawide/Battle Creek/Calhoun County		0.00	6410-5310 Projects - New Freedom mobility management	Continuation of mobility management to coordinate countywide transportation efforts and centralized dispatch coordinating service between multiple providers.	\$ 66,000	5310	\$ 16,500	\$ -	\$ 82,500		\$ 82,500
2025	216657	NI	City of Battle Creek - Transit	Transit Capital - Battle Crk Transit, FY25 Sec5339. Replace 5 (five) office suites. JN-216657	at BCT central office, 339 W Michigan Ave.		0.00	SP1403 - office equipment	Replace five complete office suites, including furniture and related computers, monitors, and computer accessories.	\$ 142,725	5339	\$ 35,681	\$ -	\$ 178,406		\$ 178,406
2025	216679	NI	Community Action Agency of South Central MI, Inc	Transit Capital - Community Action, Sec5310, bus replacements (4) - JN-216679	Areawide/Calhoun County		0.00	1110-5310 Bus Rolling Stock	Replace wheel chair vans #CA166 and #CA167, and passenger vans #CA165 and #CA168.	\$ 237,280		\$ 59,320	\$ -	\$ 296,600	Replacement vehicles Light-Duty Bus, 138 in. wheelbase, gas engine; passenger van replacement w/o lift, \$71,650 ea; wheel chair van replacement w/lift, \$76,650 ea.	\$ 296,600
2025	216681	NI	Community Inclusive Recreation	Transit Capital - Community Inclusive Rec, Sec5310, bus replacements (2) - JN-216681	Areawide/Calhoun County		0.00	1110-5310 Bus Rolling Stock	Purchase 2 (two) replacement buses for 2018 light duty buses 18-1 and 18-2.	\$ 126,400		\$ 31,600	\$ -	\$ 158,000	Replacement vehicle Small Bus, 158 in. wheelbase, w/lift, gas engine, \$79,000 ea.	\$ 158,000
2025	216682	NI	Marian E. Burch Adult Care & Rehabilitation Center	Transit Capital - MBADC Sec5310, bus replacements (2) JN-216682	Areawide/Calhoun County		0.00	1110-5310 Bus Rolling Stock	Planned FY25 Sec5310 replacement of vehicles ending in 8021 "Miss Jean" and 7791 "Miss Kris" due to ages of vehicles.	\$ 172,000		\$ 43,000	\$ -	\$ 215,000	Replacement vehicle Medium Class 1, 26 ft. with lift, gas engine, \$107,500 ea.	
2025	202655	CON	MDOT	Non-Freeway Trunkline Signing Upgrade	Various trunkline routes in BCATS area		137.12	Traffic Safety	Non-freeway signing	\$ 1,046,500	STG	\$ -	\$ -	\$ 1,046,500		\$ 2,725,000
2025	209623	PE	MDOT	MDOT Southwest Region-wide Pavement Markings	All trunkline routes of BCATS MPO		2.79	Traffic Safety	Longitudinal pavement marking application on trunklines in Southwest Region	\$ 810	HSIP	\$ 90	\$ -	\$ 900		\$ 2,115,000
2025	209623	CON	MDOT	MDOT Southwest Region-wide Pavement Markings	All trunkline routes of BCATS MPO		2.79	Traffic Safety	Longitudinal pavement marking application on trunklines in Southwest Region	\$ 170,505	HSIP	\$ 18,945	\$ -	\$ 189,450		\$ 2,115,000
2025	209624	PE	MDOT	MDOT Southwest Region-wide Pavement Markings	All trunkline routes of BCATS MPO		2.84	Traffic Safety	Special pavement marking application on trunklines in Southwest Region	\$ 810	HSIP	\$ 90	\$ -	\$ 900		\$ 320,000
2025	209624	CON	MDOT	MDOT Southwest Region-wide Pavement Markings	All trunkline routes of BCATS MPO		2.84	Traffic Safety	Special pavement marking application on trunklines in Southwest Region	\$ 25,110	HSIP	\$ 2,790	\$ -	\$ 27,900		\$ 320,000
2025	209634	CON	MDOT	MDOT Southwest Region-wide pvmt mrkg retro readings	All trunkline routes of BCATS MPO		2.03	Traffic Safety	Pavement marking retroreflectivity readings on Southwest Region trunklines	\$ 891	HSIP	\$ 99	\$ -	\$ 990		\$ 11,000
2025	210823	CON	MDOT	M-96 (Helmer Rd)	Territorial Road to Dickman Road	522	0.96	Minor Widening	Convert 4 lanes to 5 lane section.	\$ 2,002,538	NH	\$ 388,550	\$ 55,508	\$ 2,446,596		\$ 2,841,721

FY 2023-2026 Transportation Improvement Program (TIP) Project List

(as of 5/5/22 and approved by BCATS Policy Committee 5/25/22)

Fiscal Year	Job Number	Phase	Responsible Agency	Project Name	Limits	Figures 8-1+2 Map ID#	Length	Primary Work Type	Project Description	Federal Cost	Federal Fund Source	State Cost	Local Cost	Total Phase Cost	Comments	Total Project Cost
2025	211804	PE	MDOT	I-94	Design two crash investigation sites along I-94 between Beadle Lake Rd and 9 Mile Rd	630	4.07	Roadside Facilities - Improve	Construct crash investigation sites on I-94	\$ 60,806	NH	\$ 13,484	\$ -	\$ 74,290		\$ 2,386,326
2025	211892	CON	MDOT	M-66	M-66 from Glenn Cross Rd south to Athens Twp Border	523	13.72	Traffic Safety	Fixed Object Removal	\$ 258,184	HSIP	\$ 25,101	\$ 3,586	\$ 286,871		\$ 744,000
2025	212773	PE	MDOT	I-94	Battle Creek Rest Area	524	0.00	Roadside Facilities - Preserve	Battle Creek Rest Area Landscaping after Rebuild	\$ -		\$ 25,000	\$ -	\$ 25,000	2024 CON rebuilding of rest area JN-202098 prior to this landscaping. This phase S/TIP Exempt.	\$ 90,000
2025	212773	CON	MDOT	I-94	Battle Creek Rest Area	524	0.00	Roadside Facilities - Preserve	Battle Creek Rest Area Landscaping after Rebuild	\$ -		\$ 65,000	\$ -	\$ 65,000	2024 CON rebuilding of rest area JN-202098 prior to this landscaping. This phase S/TIP Exempt.	\$ 90,000
2025	213631	PES	MDOT	I-194 NB & SB	over Golden Avenue, City of Battle Creek, Calhoun County	733	0.00	Bridge Rehabilitation	Shallow Overlay	\$ -		\$ 91,301	\$ -	\$ 91,301	2025 PE & PES, 2027 CON. This phase S/TIP Exempt, request for "Regionally Significant" tag pending.	\$ 2,035,250
2025	213631	PE	MDOT	I-194 NB & SB	over Golden Avenue, City of Battle Creek, Calhoun County	733	0.00	Bridge Rehabilitation	Shallow Overlay	\$ -		\$ 43,219	\$ -	\$ 43,219	2025 PE & PES, 2027 CON. This phase S/TIP Exempt, request for "Regionally Significant" tag pending.	\$ 2,035,250
2025	214181	ROW	MDOT	Marshall TSC-wide Signal Modernizations	Six locations in BCATS area: I-94BL, M-96 (Dickman) at M-37 W Jct (Helmer); I-94BL, M-96 (Dickman) at M-37 E Jct (Helmer); M-96 (Columbia) at 28th; M-89 (Michigan) at 20th; M-89 (Washington) at M-89 (Michigan); I-94BL (Michigan) at M-96 (Columbia)	631	0.00	Traffic Safety	Modernize signalized intersections	\$ 7,500	STG	\$ -	\$ -	\$ 7,500	PE 2023, ROW 2025, CON 2026	\$ 3,461,636
2025	214871	ROW	MDOT	I-94BL (Michigan Ave E)	I-94BL aka Main St at Dickman Rd, northwest to Hamblin Ave northeast to Michigan Ave southeast to Wattles Rd (9 1/2 Mile Rd)	934	3.92	Road Rehabilitation	Milling and two course asphalt overlay	\$ 20,463	NH	\$ 4,283	\$ 254	\$ 25,000	2023 PE, 2025 ROW, 2029 CON	\$ 8,000,000
2026	216611	CON	Calhoun County	Raymond Rd - JN-216611	Golden Ave to E. River Rd	625	0.77	Road Rehabilitation	Pulverize existing roadway and resurface over the graded and compacted crushed asphalt. Roadway also to be trenched and expanded to provide 6' shoulder (3' paved, 3' gravel).	\$ 586,000		\$ 129,944	\$ -	\$ 715,944		\$ 801,857
2026	216624	CON	Calhoun County	Intersection-Signal Modernization - 11 Mile Rd @ Verona Rd - JN-216624	intersection of 11 Mile Rd (Wheatfield) and Verona Rd and approaches	626	--	Traffic Safety	Modernize signalization and associated items with new poles and signals heads installed on a box span, and vehicle detection.	\$ 182,000	Carbon Reduction Program (CRSM)	\$ -	\$ 40,358	\$ 222,358	Total project CON phase cost \$384,794 (\$344,436 Fed, \$40,358 CCRD).	\$ 430,969
2026	216624	CON	Calhoun County	Intersection-Signal Modernization - 11 Mile Rd @ Verona Rd - JN-216624	intersection of 11 Mile Rd (Wheatfield) and Verona Rd and approaches	626	--	Traffic Safety	Modernize signalization and associated items with new poles and signals heads installed on a box span, and vehicle detection.	\$ 162,436	CMAQ 100% (CMG)	\$ -	\$ -	\$ 162,436	Total project CON phase cost \$384,794 (\$344,436 Fed, \$40,358 CCRD).	\$ 430,969
2026	216627	CON	City of Battle Creek	City of BC 2026 Road Rehabilitations - JN-216627	Segments of Goodale & Ridgemoor (Roosevelt to Limit to Michigan), 24th (Columbia to Windamere), and Gethings (Windamere to Helmer).	627	3.34	Road Rehabilitation	HMA mill and resurface with ADA ramp upgrades and associated items	\$ 638,000		\$ 141,475	\$ -	\$ 779,475		\$ 873,012
2026	216631	CON	City of Springfield	Avenue A - JN-216631	Helmer Rd to 20th St	628	1.03	Road Rehabilitation	2" mill and fill resurfacing	\$ 247,000	STUL	\$ -	\$ 54,772	\$ 301,772	If State funding for water/sewer work is secured, road work will be in conjunction with \$905,000 water main & sanitary sewer improvements along same segment. Total road project CON phase cost \$367,746 (\$301,000 Fed, \$66,746 City of Springfield).	\$ 411,876
2026	216631	CON	City of Springfield	Avenue A - JN-216631	Helmer Rd to 20th St	628	1.03	Road Rehabilitation	2" mill and fill resurfacing	\$ 54,000	STP-Flex		\$ 11,974	\$ 65,974	If State funding for water/sewer work is secured, road work will be in conjunction with \$905,000 water main & sanitary sewer improvements along same segment. Total road project CON phase cost \$367,746 (\$301,000 Fed, \$66,746 City of Springfield).	\$ 411,876
2026	215959	NI	Battle Creek Area Transportation Study	MichiVan	Areawide		0.00	Operation Improvements	FY2027 MIchiVan program using FY2026 funds	\$ 128,592	CMG	\$ -	\$ -	\$ 128,592		\$ 128,592
2026	216647	NI	City of Battle Creek - Transit	Transit Operating - Battle Crk Transit, Fed+Local, FY26 - JN-216647	Areawide - Battle Creek Transit		0.00	SP3000-operating except JARC and New Freedom	Operating Assistance - FTA Sec5307 and Local	\$ 1,520,271	5307	\$ -	\$ 1,520,271	\$ 3,040,542	This Fed + Local operating assistance is complemented annually by ~\$1.4M in "Local Bus Operating (LBO)" funds from the State of Michigan Comprehensive Transportation Fund (CTF) directed to Battle Creek Transit.	\$ 3,040,542
2026	216652	NI	City of Battle Creek - Transit	Transit Operating - Battle Crk Transit, Sec5310 New Freedom FY26 - JN-216652	Areawide - Battle Creek Transit		0.00	6470-5310 - New Freedom Operating	New Freedom annual operating assistance for expanded demand response service beyond pre-existing route hours & boundaries.	\$ 229,995	5310	\$ -	\$ 229,995	\$ 459,990		\$ 459,990

FY 2023-2026 Transportation Improvement Program (TIP) Project List

(as of 5/5/22 and approved by BCATS Policy Committee 5/25/22)

Fiscal Year	Job Number	Phase	Responsible Agency	Project Name	Limits	Figures 8-1+2 Map ID#	Length	Primary Work Type	Project Description	Federal Cost	Federal Fund Source	State Cost	Local Cost	Total Phase Cost	Comments	Total Project Cost
2026	216656	NI	City of Battle Creek - Transit	Transit Capital - Battle Crk Transit, Sec5310 New Freedom Mobility Management FY26 - JN-216656	Areawide/Battle Creek/Calhoun County		0.00	6410-5310 Projects - New Freedom mobility management	Continuation of mobility management to coordinate countywide transportation efforts and centralized dispatch coordinating service between multiple providers.	\$ 66,000	5310	\$ 16,500	\$ -	\$ 82,500		\$ 82,500
2026	216658	NI	City of Battle Creek - Transit	Transit Capital - Battle Crk Transit, FY26 Sec5339. Misc. shop equipment. JN-216658	at BCT central garage, 339 W Michigan Ave.		0.00	SP1408 - maintenance equipment	Replace vehicle hoist, heavy duty diesel tools, etc.	\$ 142,725	5339	\$ 35,681	\$ -	\$ 178,406		\$ 178,406
2026	203293	CON	MDOT	M-89 (Washington Avenue)	Bridge over GTW RR & Kalamazoo River	629	0.00	Bridge CPM	Epoxy Overlay, Dk Patch, Full depth patch, substructure Repr, Jts, Appr	\$ 928,180	ST	\$ 205,822	\$ -	\$ 1,134,000		\$ 1,290,000
2026	211804	CON	MDOT	I-94	Construct two crash investigation sites along I-94 between Beadle Lake Rd and 9 Mile Rd	630	4.07	Roadside Facilities - Improve	Construct crash investigation sites on I-94 and ramp extension at Exit 66.	\$ 423,746	NH	\$ 93,964	\$ -	\$ 517,710		\$ 2,386,326
2026	213341	PE	MDOT	MDOT Southwest Region-wide Pavement Markings	All trunkline routes in BCATS MPO		3.61	Traffic Safety	Application of longitudinal pavement markings on Southwest Region trunkline	\$ 810	HSIP	\$ 90	\$ -	\$ 900		\$ 2,090,000
2026	213341	CON	MDOT	MDOT Southwest Region-wide Pavement Markings	All trunkline routes in BCATS MPO		3.61	Traffic Safety	Application of longitudinal pavement markings on Southwest Region trunkline	\$ 168,480	HSIP	\$ 18,720	\$ -	\$ 187,200		\$ 2,090,000
2026	213342	PE	MDOT	MDOT Southwest Region-wide Pavement Markings	All trunkline routes in BCATS MPO		2.97	Traffic Safety	Application of special pavement markings on Southwest Region trunkline	\$ 810	HSIP	\$ 90	\$ -	\$ 900		\$ 395,000
2026	213342	CON	MDOT	Regionwide	All trunkline routes in BCATS MPO		2.97	Traffic Safety	Application of special pavement markings on Southwest Region trunkline	\$ 31,185	HSIP	\$ 3,465	\$ -	\$ 34,650		\$ 395,000
2026	213371	CON	MDOT	MDOT Southwest Region-wide pvmt mrkg retro readings	All of BCATS MPO		19.43	Traffic Safety	Pavement marking retroreflectivity readings on Southwest Region trunklines	\$ 891	HSIP	\$ 99	\$ -	\$ 990		\$ 11,000
2026	213719	CON	MDOT	M-89 (Washington Avenue)	Bridge over Battle Creek River, Battle Creek, Calhoun County	614	0.00	Bridge Replacement	Superstructure Replacement	\$ 3,968,190	ST	\$ 769,942	\$ 109,992	\$ 4,848,124		\$ 5,649,924
2026	214181	CON	MDOT	Marshall TSC-wide Signal Modernizations	Six locations in BCATS area: I-94BL, M-96 (Dickman) at M-37 W Jct (Helmer); I-94BL, M-96 (Dickman) at M-37 E Jct (Helmer); M-96 (Columbia) at 28th; M-89 (Michigan) at 20th; M-89 (Washington) at M-89 (Michigan); I-94BL (Michigan) at M-96 (Columbia)	631	0.00	Traffic Safety	Modernize signalized intersections	\$ 2,248,509	STG	\$ -	\$ -	\$ 2,248,509	PE 2023, ROW 2025, CON 2026	\$ 3,461,636
2026	214947	CON	MDOT	I-94BL (Michigan Ave E)	over MDOT RR Corridor, 0.2 miles east of M-96 (Columbia)	632	0.00	Bridge CSM	Joint Repair, Approach Patching, Slope Repair, Silane Rail	\$ 94,129	BFP	\$ 20,874	\$ -	\$ 115,000		\$ 127,500

Figure 8-1
BCATS Metropolitan Area
FY 2023-2026 TIP Road Projects

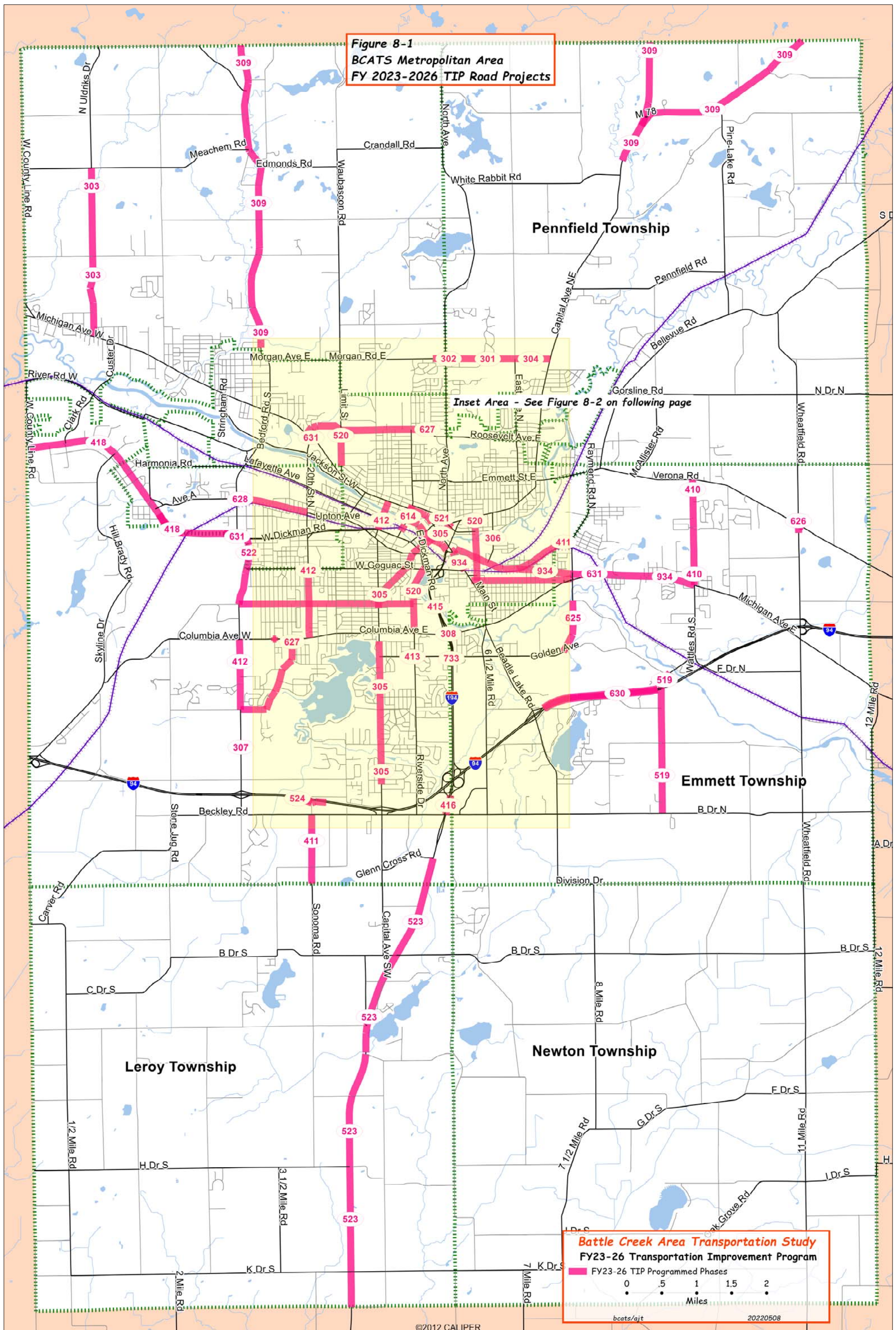
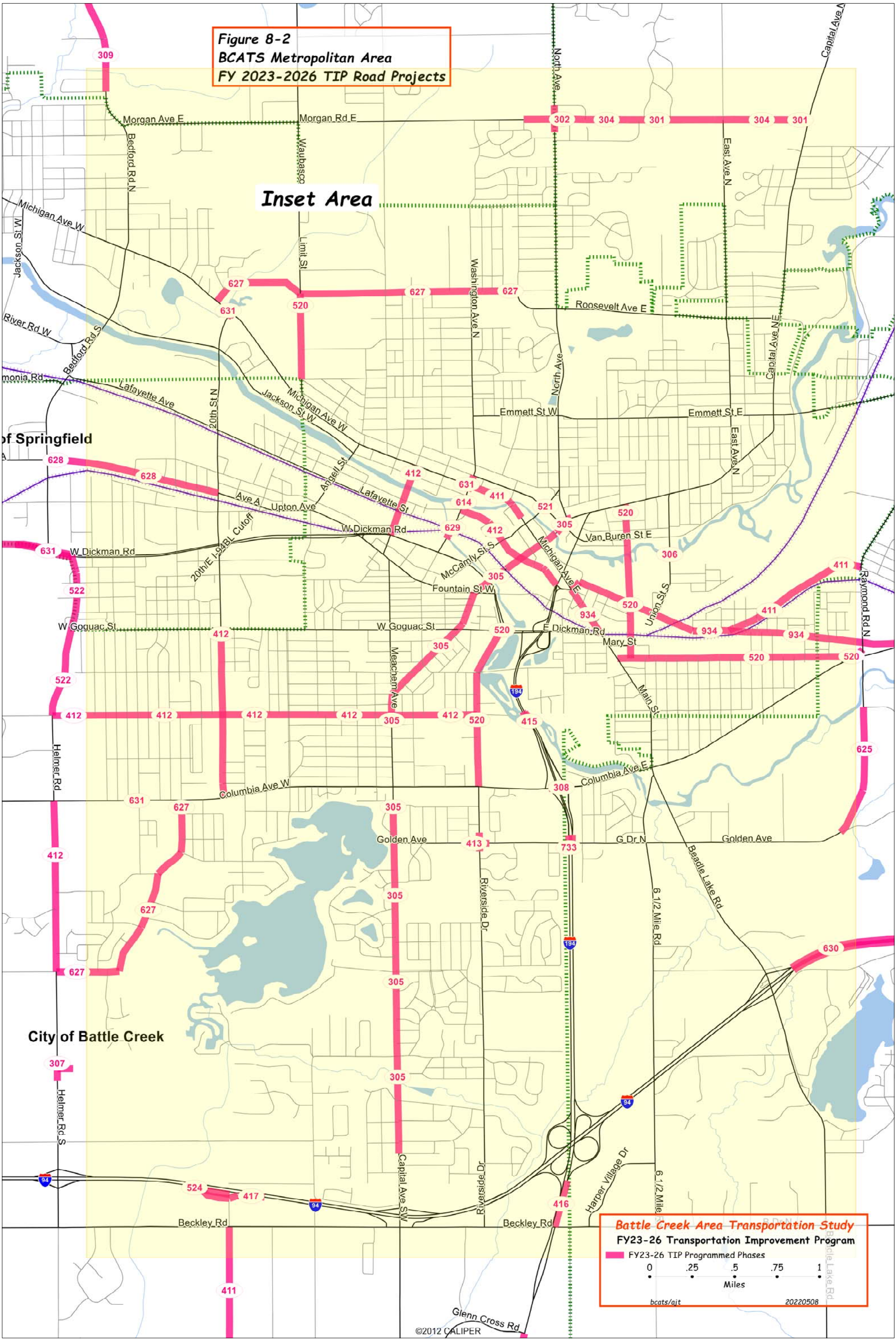


Figure 8-2
BCATS Metropolitan Area
FY 2023-2026 TIP Road Projects

Inset Area



Battle Creek Area Transportation Study
FY23-26 Transportation Improvement Program

FY23-26 TIP Programmed Phases

0 .25 .5 .75 1
Miles

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