

9/27/17

All projects in Calhoun County. No Advance Construct projects. All projects Air Quality Exempt. Deleted projects with \$0 not listed.

Fiscal Year	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Federal Cost (\$)	Federal Fund Source	State Cost (\$)	State Fund Source	Local Cost (\$)	Local Fund Source	Total Phase Cost (\$)	MDOT Job No. (JN)	MPO Action Date	Comments
2017	Calhoun County Road Dept	B Dr S and Capital Ave SW	B Dr S from 3.5 Mile Rd eastward to M-66 (1.7 mi); Capital Ave SW, 0.25 mi north & south of B Dr S	2.61	Resurface	Resurfacing	CON	572,950	STUL			127,050	CNTY	700,000	122855	6/22/16	Local funds from Calhoun County Act 51 revenue. Fed/Local shares recalculated at 81.85/18.15% by administrative action 1/13/16, ajt.
2017	Calhoun County Road Dept	Calhoun County Guardrail Upgrades, Part I	1 Mi Rd over 7 Mile Creek, south of U Dr N; U Dr N over 7 Mile Creek, east of 1 Mi Rd; Pennfield Rd over Wanandoger Creek, east of M-66; Hutchinson Rd over Waubascoson Creek, north of T Dr N; and Pine Lake Rd over Battle Creek River, south of Pennfield Rd	0.32	Traffic ops/safety	Upgrade guardrails & attenuators	CON	148,392	HSIP			37,098	CNTY	185,490	200826	7/19/17	Added by Amendment #5 July/2017.
2017	Calhoun County Road Dept	Intersection Geometrics Improvement - Wattles Rd (9.5 Mile Rd) @ Verona Rd	Wattles Rd @ Verona Rd intersection & westbound + northbound approaches, in Emmett Twp	0.06	Traffic ops/safety	Add dedicated left turn lanes on westbound Verona Rd approach and northbound Wattles Rd approach. Intersection is a "T", with northbound Wattles Rd ending at Verona Rd.	CON	137,798	CM			30,556	CNTY	168,354	121062	6/22/16	Local funds from Calhoun County Act 51 revenue. Total cost increased 10.7% from \$152,149 to \$168,355 (81.85% CMAQ, 18.15% CCRD) BY FY14-17 TIP AMENDMENT #11 Jan/2016.
2017	City of Battle Creek	BC AREA WIDE Non-Trunkline Fed-Aid (NTFA) Roadway Preventive Maintenance (crack fill and/or chip seal)	selected Fed-aid eligible non-trunkline roadways in the BCATS metropolitan area		Restore & rehabilitate	Capital preventive maintenance with spot HMA overlay, overband crack filling, and/or single chip sealing as appropriate	CON	326,297	STUL			72,356	OLF	398,653	122881	1/25/17	Coordinated by City of BC DPW-Traffic Engineering. Local funds from City of BC, City of Springfield, and Calhoun County Act 51 revenue. Fed/Local shares recalculated at 81.85/18.15%, and total phase cost reduced by 18.4% (from \$341,785), to match balance of available FY17 STUL funds after funding 3 specified road projects, by administrative action 1/13/16, ajt. Total \$ adjusted (+\$3,831 STUL) in FY14-17 TIP by administrative action 5/6/16, to utilize all available STUL funds. Total estimated cost of \$283,653 increased by \$115,000 (from reduced Gogucac-McCamly-Roosevelt project) per 1/11/17 email from C. Dopp; changed in FY17-20 TIP Am#2 Jan-Feb/2017. Total estimated cost of \$283,653 increased by \$115,000 (from reduced Gogucac-McCamly-Roosevelt project) per 1/11/17 email from C. Dopp; changed in FY17-20 TIP Am#2 Jan-Feb/2017.
2017	City of Battle Creek	Gogucac St, McCamly St, & Roosevelt Ave	Gogucac: from Capital Ave SW westward to Carl Ave, 4750'. McCamly: from VanBuren St northward to North Ave, 620'. Roosevelt: from East Ave westward to Garrison Ave, 1996'.	1.40	Resurface	Resurfacing (2" mill & overlay) with spot sidewalk & ramp replacement	CON	270,252	STUL			59,928	CITY	330,180	122856	1/25/17	Local funds from City of BC Act 51 revenue. Fed/Local shares recalculated at 81.85/18.15% by administrative action 1/13/16, ajt. McCamly & Roosevelt work added to original Gogucac St project (JN-122856) BY AMENDMENT #12 May/2016, with funds available from "deleted" project (Main St, moved to 2018 in new FY17-20 TIP), to expedite bid letting & provide funding flexibility. McCamly & Roosevelt projects individually assigned JN-130180 & JN-130181 respectively after entry into eSTIP as 2018 projects in new FY17-20 TIP draft; those JNs to be "abandoned". Total estimated cost of \$445,180 for 3 combined projects reduced by \$115,000 per 1/11/17 email from C. Dopp; changed in FY17-20 TIP Am#2 Jan-Feb/2017.
2017	City of Battle Creek	Propane Conversion / Retrofit, 25 Light-Duty Vehicles	Vehicles used within City of BC & adjacent area as necessary		Miscellaneous	Conversion of up to 25 (twenty-five) Class 1 [( < 6,001 lb gross vehicle weight (GVW) ] or Class 2 (6,001-10,000 lb GVW) "light-duty" pickups or vans, to utilize propane as primary fuel.	CON	175,978	CM			39,023	CITY	215,000	124463	5/24/17	Added BY FY14-17 TIP AMENDMENT #3 May/14. Affirmation of CMAQ eligibility received 5/19/14 by e-mail from E. Fowler for MDOT CMAQ Project Review Committee. Project changed from 15 to 18 vehicles, and total cost increased 31.6% from \$97,123 to \$127,800 (81.85% CMAQ, 18.15% City) BY FY14-17 TIP AMENDMENT #11 Jan/2016. Project changed from 18 to 25 vehicles, and total cost increased ~68% to \$215,000 (same CMAQ/City share ratio) BY FY17-20 TIP AMENDMENT #4 May/2017.
2017	MDOT	"M-96 Signals"	38 signalized intersections in BCATS metropolitan area	12.45	Traffic ops/safety	Signal optimizations, signal modernizations, and signal upgrades.	PE	850,000	CMG					850,000	132618	9/28/17	Added BY FY17-20 TIP AMENDMENT #2 Jan/2017, separate from any trunkline GPA. CON phase in 2019, see Limits under that 2019 CON phase for list of trunkline corridors with signals to be improved. This PE phase increased 23.2% to add subsurface investigation to help identify and address the anticipated utility conflicts, by administrative action 9/28/17. Total Project Cost increased \$160,000 for 23.2% increase in PE phase cost.
2017	MDOT	I-94 Maintenance PE	from 6.5 Mile Rd eastward to 11 Mile Rd, both eb & wb I-94	10.39	Restore & rehabilitate	3 course HMA overlay (6"), reconstruction under the bridges for underclearance, ramp improvements, drainage improvements, signing, and pavement markings	PE	1,656,000	IM	184,000	M			1,840,000	125865	5/24/17	Added by Amendment #4 May/2017. This PE phase initially added to FY14-17 TIP in Nov/2014 as \$300,000 total 2015 project, with comment for "2020 construction". PE cost updated with Am#4, PE phase scheduled active to 2/4/19 per JobNet. \$19.0M CON phase, now scheduled for 2018 obligation & 12/30/20 end date per JobNet, also added by Am#4.
2017	MDOT	I-94 WB entrance ramp at Exit 104 interchange PE	I-94 WB entrance ramp from I-94BL/M-311 (11 Mile/Wheatfield Rd) east-south-westward to I-94	0.17	Reconstruct	Reconstruction of the loop entrance ramp	PE	144,000	HSIP	16,000	M			160,000	127639	6/22/16	Added BY FY14-17 TIP AMENDMENT #9 July/15, per 6/9/15 update from DH/MDOT. \$1.1M CON phase scheduled for 2020. Listed separate from Trunkline Traffic Operations and Safety GPA.
2017	MDOT	M-311 (11 Mile/Wheatfield Rd) PE/2	from B Drive S northward to I-94 BL (Michigan Avenue)	4.50	Traffic ops/safety	fixed object removal - tree removal	PE	26,550	HSIP	2,950	M			29,500	124062	6/22/16	Added BY AMENDMENT #5 Nov/14. Moved from 2016 to 2017 BY FY14-17 TIP AMENDMENT #11 Jan/2016.
2017	MDOT	M-66 - CON/1	from south of D Dr S northward to north of Glenn Cross Rd	2.70	Resurface	3/4" mill & 1.5" overlay	CON	552,509	ST	122,518	M			675,027	129142	2/8/17	Added BY FY14-17 TIP AMENDMENT #11 Jan/2016, separate from Trunkline Highway Preservation GPA. CMAQ funding acquired to include concurrent late FY17 construction of southbound right turn lane on approach to Glenn Cross Rd, JN 132614. ADMINISTRATIVE ACTION 2/8/17 to increase CON phase total cost by \$40,000 (6.3%) and Fed & State shares accordingly, and update Total Project Cost, all costs per JobNet.
2017	MDOT	M-66 - CON/2	from 0.10 mi north of Glenn Cross Rd to Glenn Cross Rd	0.10	Widen - minor	add right turn lane on southbound approach to Glenn Cross Rd	CON	110,914	CM	24,595	M			135,509	132614	2/8/17	Added BY FY17-20 TIP AMENDMENT #1 Nov/2016, separate from Trunkline Livability and Sustainability GPA. Late FY17 construction along with JN 129142. ADMINISTRATIVE ACTION 2/8/17 to increase CON phase total cost by 45.6%, and Fed & State shares accordingly, and update Total Project Cost (PE + CON) with overall 12.9% increase, all costs per JobNet.
2017	MDOT	M-66 - PE	from 0.10 mi north of Glenn Cross Rd to Glenn Cross Rd	0.10	Widen - minor	add right turn lane on southbound approach to Glenn Cross Rd	PE	12,909	CM	2,863	M			15,772	132614	2/8/17	Added BY FY17-20 TIP AMENDMENT #1 Nov/2016, separate from Trunkline Livability and Sustainability GPA. Late FY17 construction along with JN 129142. ADMINISTRATIVE ACTION 2/8/17 to reduce PE phase total cost by 59.3%, and Fed & State shares accordingly, and update Total Project Cost (PE + CON) with overall 12.9% increase, all costs per JobNet.
2017	MDOT	M-66 (Capital Ave NE) - ROW	M-66 from Capital Ave/Division St intersection northward to Frey Dr	2.54	Restore & rehabilitate	1.5" mill & 1.5" overlay with ADA ramps	ROW	15,000	M	15,000	M			15,000	129143	9/7/17	Added BY FY17-20 TIP AMENDMENT #1 Nov/2016, separate from Trunkline Highway Preservation GPA. CON phase in 2018. Total Project Cost increased 32.19% by administrative action 9/7/17.
2017	MDOT	Trunkline Capital Preventive Maintenance (CPM) PE	Five locations along I-94BL, M-37, M-96, and M-294 in Calhoun County	10.83	Miscellaneous	Asphalt Crack Treatment	PE	24,704	M					24,704	131596	5/24/17	Added by Amendment #4 May/2017.
2017	Transit - City of Battle Creek	1 (one) Heavy-Duty - Low Floor Bus, for fixed-route service	Battle Creek Transit (BCT) fixed-routes within BCATS metropolitan planning area in Calhoun County		Transit vehicle additions or replacements	Replace one large bus in existing fleet for fixed-route service.	T-Cap	310,867	CM	77,717	CTF			388,584	121028	6/8/17	ADMINISTRATIVE ACTION 5/13/14 to adjust cost up 2.5% to match CMAQ application of Feb/2014. Changed from medium duty to heavy duty, and total cost increased 42.9% from \$262,494 to \$375,000, BY FY14-17 TIP AMENDMENT #11 Jan/2016. CMAQ funding is maximum available, leaving required match > 20%. Funding mix modified by ADMINISTRATIVE ACTION 3/9/16 to set sum of Fed+State shares to be split 80% Fed, 20% State, with remaining balance to meet the \$375,000 total designated as Local Cost. ADMINISTRATIVE ACTION 6/2/16 to add \$50,000 to Local Cost in order for estimated Total Phase Cost to match that of other identical 2017 bus replacement project. Upon decision to purchase refurbished vehicle instead of new, cost reduced ~53% from \$425,000 total & Fed/St/Loc shares modified to Fed/St 80/20 split (with no Local funds), BY AMENDMENT #4 May/2017. Changes enacted by Amendment #4 retracted by administrative action 6/8/17 before transmittal to MDOT for State/Fed review & approval upon realization that refurbished vehicle engine would be older model year than that of vehicle being replaced, and so not CMAQ eligible since emissions reduction could not be demonstrated. Costs also modified by administrative action 6/8/17: Total phase cost reduced 8.6% from \$425,000 to \$388,584. Fed costs set as combination of \$177,857 in 2017 CMAQ funds with \$133,010 in 2016 STUL funds "flexed" 8/31/16 to Battle Creek Transit for JN122853, but unused for that project, instead applied to another 2016 CMAQ bus (UN121027), and this 2017 CMAQ bus (JN121028). State CTF funds include \$44,464 to match the CMAQ funds, and \$33,253 to match the STUL funds. No local funds are required with these adjustments.

9/27/17

All projects in Calhoun County. No Advance Construct projects. All projects Air Quality Exempt. Deleted projects with \$0 not listed.

Fiscal Year	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Federal Cost (\$)	Federal Fund Source	State Cost (\$)	State Fund Source	Local Cost (\$)	Local Fund Source	Total Phase Cost (\$)	MDOT Job No. (JN)	MPO Action Date	Comments
2017	Transit - City of Battle Creek	Community Action / Capital Assistance - Computers & Office Furniture	in Community Action central office, 175 Main St (east side of Main St just north of Dickman Rd E & railroad tracks).		Transit capital	Replacement of computers & furniture at 3 workstations in Community Action central office.	T-Cap	4,981	5310	1,245	CTF			6,226		2/22/17	Added BY FY14-17 TIP AMENDMENT #11 Jan/2016, with funds "passed through" Battle Creek Transit (BCT). FTA Section 5310 "Enhanced Mobility of Seniors & Individuals with Disabilities" FY17 application. Local \$1,026 from CA for non-participating costs removed BY ADMINISTRATIVE ACTION 2/22/17, with total phase cost split 80/20 Fed/State, to correctly match application.
2017	Transit - City of Battle Creek	Community Action / Capital Assistance - Software	in Community Action central office & in Community Action vehicles in-service within Calhoun County		Transit capital	New (expansion) transportation dispatch/vehicle maintenance software with mobile vehicle data devices.	T-Cap	79,322	5310	19,830	CTF			99,152		2/22/17	Added BY FY14-17 TIP AMENDMENT #11 Jan/2016, with funds "passed through" Battle Creek Transit (BCT). FTA Section 5310 "Enhanced Mobility of Seniors & Individuals with Disabilities" FY17 application. Local \$3,966 from CA for non-participating costs removed BY ADMINISTRATIVE ACTION 2/22/17, with total phase cost split 80/20 Fed/State, to correctly match application.
2017	Transit - City of Battle Creek	Community Inclusive Recreation (CIR) Capital Assistance - 2017 Application	within Calhoun County		Transit vehicle additions/replacements	Acquisition of two (2) new small (15-psngr) light-duty cutaway buses, 138" wheelbase, w/lift, gas engine, to REPLACE two vehicles in existing fleet.	T-Cap	92,800	5310	23,200	CTF			116,000		6/22/16	Added BY FY14-17 TIP AMENDMENT #11 Jan/2016, with funds "passed through" Battle Creek Transit (BCT). FTA Section 5310 "Enhanced Mobility of Seniors & Individuals with Disabilities" FY17 application.
2017	Transit - City of Battle Creek	Expected Transit Farebox Revenue	BCT service area		Transit operations		T-Ops					410,941	CITY	410,941		6/22/16	City of Battle Creek "farebox revenue" from fares, tokens/tickets, passes, misc transp contracts, Auxiliary Trans Revenues (i.e.advertising), & NonTrans Revenues. Held constant thru this TIP. Admin action Feb9-15 to update costs to match FY16 application and include Auxiliary Trans & NonTrans Revenues
2017	Transit - City of Battle Creek	FTA Sec 5339(a) Capital Project(s)	Project(s) to be determined, likely to be large bus replacements for Battle Creek Transit fixed-route service.		Transit vehicle additions or replacements	Projects to be determined, funds may be accumulated year-to-year and/or combined with other available Fed-aid for major capital projects i.e. large bus replacements.	T-Cap	96,000	5339	24,000	CTF			120,000		7/19/17	Added by Amendment #5 July/2017.
2017	Transit - City of Battle Creek	Specialized Services Operating Assistance	within Calhoun County		Transit operations	Operating assistance to local human services agencies	T-Ops			92,624	CTF			92,624		6/22/16	State funds "passed through" Battle Creek Transit (BCT). Held constant thru this TIP.
2017	Transit - City of Battle Creek	Transit Operating Assistance	BCT service area		Transit operations		T-Ops	1,056,508	5307	1,447,725	CTF	938,230	CITY	3,442,463		7/20/17	Local funds from City of Battle Creek general fund, held constant thru this TIP. Fed & State amounts increased by 3.75% from previous year (2016) estimate that was updated by Admin Action Feb9-15 to match costs on FY16 application. All cost estimates reduced -0.7% by Admin Action Nov10-16 to match costs on FY17 application, and future yrs changed also to hold amts constant thru this TIP. Costs updated (Fed -3.4%, State -1.2%, Local +6.4%, Total +0.1%) BY ADMINISTRATIVE ACTION 5/22/17. Fed costs increased 3.44% BY ADMINISTRATIVE ACTION 7/20/17.
2018	Calhoun County Road Dept	East Ave	from Roosevelt Ave northward to Morgan Rd	1.17	Resurface	Resurfacing	CON	266,013	STUL			58,987	CNTY	325,000	130038	6/22/16	Local funds from Calhoun County Act 51 revenue.
2018	Calhoun County Road Dept	McAllister Rd	from Verona Rd northward to N Dr N	1.35	Resurface	Resurfacing	CON	274,198	STUL			60,802	CNTY	335,000	130177	6/22/16	Local funds from Calhoun County Act 51 revenue.
2018	Calhoun County Road Dept	One Clean Diesel Dump Truck (replacement), double-axle, cab+chassis only Fed-aid eligible	within Calhoun County		Miscellaneous	Replace one dump truck in existing fleet	EPE	145,283	CM			98,537	CNTY	243,820	121064	5/23/17	Local funds from Calhoun County Act 51 revenue. Feb18-14 application submittal, approved CMAQ-eligible per May19-14 e-mail from E. Fowler. JN 121064. Project re-evaluated 1/6/16 given eligibility of cab+chassis costs ONLY for Fed-aid. Eligible expense figured @ 72.8%, for double-axle dump truck, of new total \$243,820 (based on 4.005%/yr cost increase from previous estimate for same truck in FY14). Fed CMAQ share = (72.8% * \$243,820) = \$177,500. Fed CMAQ share reduced \$6,892, amt needed to fully reimburse MDOT-SW Region in FY18 for \$54,406 "loan" of CMAQ \$ TO CCRD for 2014-15 B-Dr N @ Beadle Lake Rd intersection project (JN 120754): \$6,892 deduction reversed by administrative action 5/23/17. Feb3-17. Phase changed from CON to EPE per request in Dec21-16 snapshot
2018	City of Battle Creek	A1. City of BC Major Resurfacings	HELMER RD, from Gethings Rd northward to Columbia Ave (1.0 mi); KENDALL ST, from Dickman Rd northward to Michigan Ave (0.43 mi); HAMLIN AVE, from Washington Ave eastward to Division St (0.68 mi); 24TH ST, from Gethings to Columbia (1.12 mi); and GETTINGS RD, from Helmer to 28th (0.37 mi)	3.60	Resurface	Resurfacing with spot sidewalk & ramp replacement on Helmer & Kendall, asphalt skip paving on Hamblin, chipseal on 24th & Gethings.	CON	460,807	STUL			102,746	CITY	563,553	130178	9/27/17	Local funds from City of Battle Creek Act 51 revenue. Cost reduced 5.8% BY ADMINISTRATIVE ACTION 5/10/17. To be combined in TIP Am#5 (July/2017) with other 2018 STUL-funded City of BC resurfacing projects. Newly named "City of BC Major Resurfacings" (changed from "Helmer Rd", \$347,590 total, \$284,502 Fed STUL, \$63,088 City), with work & funding for Kendall St (old JN 130195) & Hamblin Ave added, BY AMENDMENT #5 July/2017. Costs recalculated to facilitate addition of chipseal on 24th St & Gethings Rd, BY AMENDMENT #6 Sep/2017, with additional \$563 to Local Cost.
2018	City of Battle Creek	Intersection Signal Modernization - Capital @ Jackson	Capital Ave @ Jackson St	0.40	Traffic ops/safety	Upgrade/modernize signal & interconnection to nearby signals and City's Traffic Management Center	CON	325,000	CMG			0		325,000	130179	6/22/16	Signal project eligible for 100% Fed CMAQ funding. CMAQ project app 2016049 submitted via MGS Feb5-16. OK in TIP pending approval by MDOT CMAQ Project Review Committee. ESTIP20160224122614 by A. Tilma.
2018	City of Battle Creek	Lafayette St	from west City limits eastward to Angell St	0.20	Reconstruct	Reconstruction with paved shoulders & bike lanes	CON			165,463	EDF	41,366	CITY	206,829		3/29/17	State Transportation Economic Development Fund (TEDF) Category F grant to improve a portion of the city's designated truck route to all-season standards and provide access to a number of commercial businesses. Added BY AMENDMENT #3 March/2017.
2018	MDOT	"M-96 Signals"	38 signalized intersections in BCATS metropolitan area	12.45	Traffic ops/safety	Signal optimizations, signal modernizations, and signal upgrades.	ROW	175,000	CMG					175,000	132618	9/28/17	Added BY FY17-20 TIP AMENDMENT #2 Jan/2017, separate from any trunkline GPA. CON phase in 2019, see Limits under that 2019 CON phase for list of trunkline corridors with signals to be improved. This ROW phase moved from 2017 to 2018 due to delays in getting consultant on board and still allowing time for the environmental clearance review, by administrative action 9/28/17. Also, Total Project Cost increased \$160,000 for 23.2% increase in PE phase cost.
2018	MDOT	I-194/M-66 over I-94	I-194/M-66 NB & SB bridges over I-94, Emmett Twp, Calhoun County		Bridge restore & rehabilitate	Bridge railing replacement, Epoxy overlay, Concrete deck patching, Zone Paint, Reseal Joints, Concrete surface coating	CON	1,600,200	IM	177,800	M			1,778,000	129575	9/27/17	Added by Amendment #6 Sep/2017.
2018	MDOT	I-94 Maintenance CON	from 6.5 Mile Rd eastward to 11 Mile Rd, both eb & wb I-94	10.39	Restore & rehabilitate	3 course HMA overlay (6"), reconstruction under the bridges for underclearance, ramp improvements, drainage improvements, signing, and pavement markings	CON	17,100,000	IM	1,900,000	M			19,000,000	125865	5/24/17	Added by Amendment #4 May/2017. PE for this project initially added to FY14-17 TIP in Nov/2014 as \$300,000 total 2015 project, with comment for "2020 construction". PE cost updated & PE phase added to this TIP as 2017 project with Am#4, PE phase scheduled active to 2/4/19 per JobNet. This \$19.0M CON phase scheduled for 2018 obligation & 12/30/20 end date per JobNet.
2018	MDOT	M-311 (11 Mile/Wheatfield Rd) Bridge over Kalamazoo River - ROW	1/4 mile N+S of Kalamazoo River at M-311 (11 Mile/Wheatfield Rd), just north of D Dr N, including bridge.	0.50	Bridge replacement	Construction to replace bridge & rehabilitate approaches	ROW	20,000	ST	5,000	M			25,000	125818	9/27/17	Added BY FY17-20 TIP AMENDMENT #1 Nov/2016, separate from the Trunkline Bridge Rehab & Replace GPA. 2015 PE & SUB phases and 2016 ROW phase in FY14-17 TIP for 2019 construction. Moved from 2017 to 2018 BY AMENDMENT #6 Sep/2017 with funding changed from 100% State to 80% Fed & 20% State.
2018	MDOT	M-66 (Capital Ave NE) - CON	M-66 from Capital Ave/Division St intersection northward to Frey Dr	2.54	Restore & rehabilitate	1.5" mill & 1.5" overlay with ADA ramps	CON	1,542,388	NH	342,020	M			1,884,408	129143	9/27/17	Listed here separate from Trunkline Highway Preservation GPA. PE & ROW phases in 2016 Trunkline Highway Preservation GPA in FY14-17 TIP. 2017 ROW phase added by FY17-20 TIP AMENDMENT #1 Nov/2016, separate from Trunkline Highway Preservation GPA. Total Phase Cost increased 29.77% BY AMENDMENT #6 Sep/2017, with Total Project Cost increased 32.19% by administrative action 9/7/17.
2018	MDOT	Trunkline Capital Preventive Maintenance (CPM) CON	Five locations along I-94BL, M-37, M-96, and M-294 in Calhoun County	10.83	Miscellaneous	Asphalt Crack Treatment	CON	166,093	ST	36,831	M			202,924	131596	5/24/17	Added by Amendment #4 May/2017.
2018	Transit - City of Battle Creek	Community Action / Capital Assistance - Planned 2018 Application 1	within Calhoun County		Transit vehicle additions/replacements	Acquisition of one (1) new 15-psngr van, to REPLACE one vehicle in existing fleet.	T-Cap	35,200	5310	8,800	CTF			44,000		6/22/16	To be implemented with funds "passed through" Battle Creek Transit (BCT). FTA Section 5310 "Enhanced Mobility of Seniors & Individuals with Disabilities" planned FY18 application.
2018	Transit - City of Battle Creek	Community Action / Capital Assistance - Planned 2018 Application 2	within Calhoun County		Transit vehicle additions/replacements	Acquisition of one (1) new small light-duty cutaway bus, 138" wheelbase, w/lift, gas engine, to REPLACE one vehicle in existing fleet.	T-Cap	46,400	5310	11,600	CTF			58,000		6/22/16	To be implemented with funds "passed through" Battle Creek Transit (BCT). FTA Section 5310 "Enhanced Mobility of Seniors & Individuals with Disabilities" planned FY18 application.

9/27/17

All projects in Calhoun County. No Advance Construct projects. All projects Air Quality Exempt. Deleted projects with \$0 not listed.

Fiscal Year	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Federal Cost (\$)	Federal Fund Source	State Cost (\$)	State Fund Source	Local Cost (\$)	Local Fund Source	Total Phase Cost (\$)	MDOT Job No. (JN)	MPO Action Date	Comments
2018	Transit - City of Battle Creek	<b>Community Inclusive Recreation (CIR) Capital Assistance - Planned 2018 Application</b>	within Calhoun County		Transit vehicle additions/replacements	Acquisition of one (1) new small (15-psngr) light-duty cutaway buses, 138" wheelbase, w/lift, gas engine, to REPLACE one vehicle in existing fleet.	T-Cap	47,328	5310	11,832	CTF			59,160		6/22/16	To be implemented with funds "passed through" Battle Creek Transit (BCT). FTA Section 5310 "Enhanced Mobility of Seniors & Individuals with Disabilities" planned FY18 application. Cost based on 2017 application estimates (for like vehicle) increased 2%/yr.
2018	Transit - City of Battle Creek	<b>Expected Transit Farebox Revenue</b>	BCT service area		Transit operations							410,941	CITY	410,941		6/22/16	City of Battle Creek "farebox revenue" from fares, tokens/tickets, passes, misc transp contracts, Auxiliary Trans Revenues (i.e.advertising), & NonTrans Revenues. Held constant thru this TIP.
2018	Transit - City of Battle Creek	<b>FTA Sec 5339(a) Capital Project(s)</b>	Project(s) to be determined, likely to be large bus replacements for Battle Creek Transit fixed-route service.		Transit vehicle additions or replacements	Projects to be determined, funds may be accumulated year-to-year and/or combined with other available Fed-aid for major capital projects i.e. large bus replacements.	T-Cap	96,000	5339	24,000	CTF			120,000		7/19/17	Added by Amendment #5 July/2017.
2018	Transit - City of Battle Creek	<b>Marian Burch Adult Daycare Center (MBADC) Capital Assistance - Planned 2018 Application</b>	within Calhoun County		Transit vehicle additions/replacements	Replacement of one 6-passenger accessible mini-van	T-Cap	35,201	5310	8,800	CTF			44,001		3/29/17	Funds "passed through" Battle Creek Transit (BCT). FTA Section 5310 "Enhanced Mobility of Seniors & Individuals with Disabilities" planned FY18 application. Local \$1,800 from MBADC for non-participating cost of lettering on vehicle exterior removed <b>BY AMENDMENT #3</b> March/2017, with total phase cost increased 84.9% & split 80/20 Fed/State, to correctly match application.
2018	Transit - City of Battle Creek	<b>Specialized Services Operating Assistance</b>	within Calhoun County		Transit operations	Operating assistance to local human services agencies	T-Ops			92,624	CTF			92,624		6/22/16	State funds "passed through" Battle Creek Transit (BCT). Held constant thru this TIP.
2018	Transit - City of Battle Creek	<b>Transit Operating Assistance</b>	BCT service area		Transit operations		T-Ops	1,057,581	5307	1,419,110	CTF	938,230	CITY	3,414,921		5/22/17	Local funds from City of Battle Creek general fund, all cost estimates as of 6/22/16 held constant thru this TIP. Costs updated (Fed unchanged, State -3.1%, Local +6.4%, Total +0.3%) BY ADMINISTRATIVE ACTION 5/22/17.
2019	Calhoun County Road Dept	<b>North Ave, Pennfield Twp</b>	from Halbert Rd northward to Calhoun County limits	2.65	Resurface	Resurfacing	CON	532,025	STUL			117,975	CNTY	650,000	130186	6/22/16	Local funds from Calhoun County Act 51 revenue.
2019	City of Battle Creek	<b>A1. City of BC Major Resurfacings</b>	ELM ST, from Mary St northward to Michigan Ave (0.33 mi); GLENN CROSS RD, from Capital Ave eastward to M-66 (0.82 mi); NORTH AVE, from Roosevelt Ave northward to Coolidge Ave (city limits) (0.61 mi); and JACKSON ST, from Angell to Stringham, & STRINGHAM RD, from Jackson to M-89 (2.88 mi)	4.63	Resurface	Chipseal with spot sidewalk & ramp replacement on Elm & North Ave, resurfacing on Glenn Cross Rd., chipseal on Jackson & Stringham.	CON	493,184	STUL			109,362	CITY	602,546	130187	9/27/17	Local funds from City of Battle Creek Act 51 revenue. To be combined with other STUL funded City BC 2019 pavement projects by Amendment #5/July/2017. Newly named "City of BC Major Resurfacings" (changed from "Elm St", \$102,420 total, \$83,831 Fed STUL, \$18,589 City), with work & funding for Glenn Cross Rd (old JN 130188) & North Ave (old JN 130189) added, BY AMENDMENT #5 July/2017. Costs recalculated, and North Ave & Elm St changed to chipseal, to facilitate addition of chipseal on Jackson & Stringham, BY AMENDMENT #6 Sep/2017, with Total Phase Cost reduced \$455.
2019	City of Battle Creek	<b>Intersection Signal Modernization - Capital @ Michigan</b>	Capital Ave @ Michigan Ave		Traffic ops/safety	Upgrade/modernize signal & interconnection to nearby signals and City's Traffic Management Center	CON	325,000	CMG			0		325,000	121059	6/22/16	Signal project eligible for 100% Fed CMAQ funding.
2019	MDOT	<b>"M-96 Signals"</b>	38 signalized intersections in BCATS metropolitan area; along M-96 (Columbia), M-294 (Beadle Lake Rd), M-37 (Helmer), I-94BL (Dickman), M-66 (Division-Capital), I-94BL (Hamblin-Michigan), & M-311 (11 Mile Rd)	12.45	Traffic ops/safety	Signal optimizations, signal modernizations, and signal upgrades.	CON	2,041,000	CMG					2,041,000	132618	9/28/17	Added by FY17-20 TIP AMENDMENT #2 Jan/2017, separate from any trunkline GPA. PE & ROW phases in 2017. Total Project Cost increased \$160,000 for 23.2% increase in PE phase cost, <b>by administrative action 9/28/17</b> .
2019	MDOT	<b>M-311 (11 Mile/Wheatfield Rd) Bridge over Kalamazoo River - CON</b>	1/4 mile N+S of Kalamazoo River at M-311 (11 Mile/Wheatfield Rd), just north of D Dr N, including bridge.	0.50	Bridge replacement	Construction to replace bridge & rehabilitate approaches	CON	2,788,630	ST	618,371	M			3,407,000	125818	6/22/16	2015 PE & SUB phases and 2016 ROW phase in FY14-17 TIP for 2019 construction. 2017 ROW phase added by FY17-20 TIP Amendment #1 Nov/2016, separate from the Trunkline Bridge Rehab & Replace GPA.
2019	MDOT	<b>M-311 (11 Mile/Wheatfield Rd) CON/2</b>	from B Drive S northward to I-94 BL (Michigan Avenue)	4.50	Traffic ops/safety	fixed object removal - tree removal	CON	121,950	HSIP	13,550	M			135,500	124062	6/22/16	PE phase in 2017.
2019	Transit - City of Battle Creek	<b>1 (one) Heavy-Duty - Low Floor Bus, for fixed-route service</b>	Battle Creek Transit (BCT) fixed-routes within BCATS metropolitan planning area in Calhoun County		Transit vehicle additions/replacements	Replace one large bus in existing fleet for fixed-route service.	T-Cap	192,877	CM	48,219	CTF	201,074	CITY	442,170	124462	6/8/17	Balance of FY19 CMAQ funds available after funding Capital @ Michigan signal project, extra matching share amount to be requested from CTF. Cost based on 2017 project for like vehicle estimate increased 2%/yr. Upon decision to purchase refurbished vehicle instead of new, cost reduced -53% from \$442,170 total & Fed/St/Loc shares modified to Fed/St 80/20 split (with no Local funds), BY AMENDMENT #4 May/2017. Changes enacted by Amendment #4 retracted before transmittal to MDOT for State/Fed review & approval upon realization that refurbished vehicle engine would be older model year than that of vehicle being replaced, and so not CMAQ eligible since emissions reduction could not be demonstrated, by administrative action 6/8/17.
2019	Transit - City of Battle Creek	<b>Community Inclusive Recreation (CIR) Capital Assistance - Planned 2019 Application 1</b>	within Calhoun County		Transit operations equipment	Acquisition & installation of "Viamente" route planning software, replacement	T-Cap	2,240	5310	560	CTF			2,800		6/22/16	To be implemented with funds "passed through" Battle Creek Transit (BCT). FTA Section 5310 "Enhanced Mobility of Seniors & Individuals with Disabilities" planned FY19 application.
2019	Transit - City of Battle Creek	<b>Community Inclusive Recreation (CIR) Capital Assistance - Planned 2019 Application 2</b>	within Calhoun County		Transit vehicle additions/replacements	Acquisition of one (1) new pickup truck to REPLACE one 2006 Chevy Silverado, used to transport program participants & equipment.	T-Cap	33,600	5310	8,400	CTF			42,000		6/22/16	To be implemented with funds "passed through" Battle Creek Transit (BCT). FTA Section 5310 "Enhanced Mobility of Seniors & Individuals with Disabilities" planned FY19 application.
2019	Transit - City of Battle Creek	<b>Expected Transit Farebox Revenue</b>	BCT service area		Transit operations							410,941	CITY	410,941		6/22/16	City of Battle Creek "farebox revenue" from fares, tokens/tickets, passes, misc transp contracts, Auxiliary Trans Revenues (i.e.advertising), & NonTrans Revenues. Held constant thru this TIP.
2019	Transit - City of Battle Creek	<b>FTA Sec 5339(a) Capital Project(s)</b>	Project(s) to be determined, likely to be large bus replacements for Battle Creek Transit fixed-route service.		Transit vehicle additions or replacements	Projects to be determined, funds may be accumulated year-to-year and/or combined with other available Fed-aid for major capital projects i.e. large bus replacements.	T-Cap	96,000	5339	24,000	CTF			120,000		7/19/17	Added by Amendment #5 July/2017.
2019	Transit - City of Battle Creek	<b>Marian Burch Adult Daycare Center (MBADC) Capital Assistance - Planned 2019 Application 1</b>	within Calhoun County		Transit vehicle additions/replacements	Replacement of one cutaway small bus	T-Cap	63,200	5310	15,800	CTF			79,000		2/22/17	Funds "passed through" Battle Creek Transit (BCT). FTA Section 5310 "Enhanced Mobility of Seniors & Individuals with Disabilities" planned FY19 application. Local \$1,800 from MBADC for non-participating cost of lettering on vehicle exterior removed <b>BY ADMINISTRATIVE ACTION</b> 2/22/17, with total phase cost increased 18.3% & split 80/20 Fed/State, to correctly match application.
2019	Transit - City of Battle Creek	<b>Marian Burch Adult Daycare Center (MBADC) Capital Assistance - Planned 2019 Application 2</b>	within Calhoun County		Transit vehicle additions/replacements	Replacement of one medium-duty large bus	T-Cap	76,800	5310	19,200	CTF			96,000		2/22/17	Funds "passed through" Battle Creek Transit (BCT). FTA Section 5310 "Enhanced Mobility of Seniors & Individuals with Disabilities" planned FY19 application. Local \$1,800 from MBADC for non-participating cost of lettering on vehicle exterior removed <b>BY ADMINISTRATIVE ACTION</b> 2/22/17, with total phase cost reduced 21.2% & split 80/20 Fed/State, to correctly match application.
2019	Transit - City of Battle Creek	<b>Specialized Services Operating Assistance</b>	within Calhoun County		Transit operations	Operating assistance to local human services agencies	T-Ops			92,624	CTF			92,624		6/22/16	State funds "passed through" Battle Creek Transit (BCT). Held constant thru this TIP.
2019	Transit - City of Battle Creek	<b>Transit Operating Assistance</b>	BCT service area		Transit operations		T-Ops	1,057,581	5307	1,464,683	CTF	881,737	CITY	3,404,000		6/22/16	Local funds from City of Battle Creek general fund, all cost estimates as of 6/22/16 held constant thru this TIP.

9/27/17

All projects in Calhoun County. No Advance Construct projects. All projects Air Quality Exempt. Deleted projects with \$0 not listed.

Fiscal Year	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Federal Cost (\$)	Federal Fund Source	State Cost (\$)	State Fund Source	Local Cost (\$)	Local Fund Source	Total Phase Cost (\$)	MDOT Job No. (JN)	MPO Action Date	Comments
2020	Calhoun County Road Dept	Intersection Signal Modernization - Cliff @ Raymond	Cliff St @ Raymond Rd, Emmett Twp		Traffic ops/safety	Modernization & upgrade of traffic signal(s) at intersection, consisting of updated/upgraded support system from existing single span wire to an improved single span wire, a full box span, mast arms, post-mounted, or a combination, to better accommodate proper signal locations over each lane, added video-camera vehicle detection & traffic monitoring hardware for signal actuation, added signal faces for left-turn phasing, coordination & interconnection to other nearby signalized intersections, and ADA compliance.	CON					200,000	CNTY	200,000	131042	6/22/16	Local funds from Calhoun County Act 51 revenue. Intersection is a "T", with eastbound Cliff St ending at Raymond Rd. Signal modernization project eligible for 100% CMAQ funding. Initial app for project wholly funded by CCRD: CMAQ \$ may be available pending disposition of higher-priority FY20 "local" CMAQ projects, and/or additional CMAQ funding by 2020. New CMAQ project application input to MGS & submitted to T. Kaufmann, MDOT Feb3-16, updated Feb5-16. OK in TIP pending approval by MDOT CMAQ Project Review Committee. THIS PROJECT IS THE LOWEST PRIORITY FOR 2020 "LOCAL" CMAQ FUNDING IN CALHOUN COUNTY. ESTIP20160406122246 by A. Tilma.
2020	Calhoun County Road Dept	N Dr N (Gorsline Rd)	from Bellevue Rd eastward to 12 Mile Rd	3.55	Resurface	Resurfacing	CON	196,619	STUL			563,381	CNTY	760,000	130192	6/22/16	Local funds from Calhoun County Act 51 revenue. Fed share set to utilize balance of STUL funds available after all other FY20 STUL projects fully funded, may be increased up to max 81.85% (-\$576,800) if funds become available.
2020	Calhoun County Road Dept	Waubascon Rd	from Morgan Rdd northward to Halbert Rd	2.01	Resurface	Resurfacing	CON	401,065	STUL			88,935	CNTY	490,000	130193	6/22/16	Local funds from Calhoun County Act 51 revenue.
2020	City of Battle Creek	A1. City of BC Major Resurfacings	CAPITAL AVE SW, from south city limits northward to Beckley Rd (1.01 mi); MAIN ST, from Mary St southward to south city limits (-200' south of Kingman Ave), -0.5 mi, and from M-66 (Division St) southward to Hamblin Ave, -0.1 mi; UNION ST, from Michigan Ave northward to VanBuren St (0.48 mi); UPTON AVE, from Angell to Kendall (0.68 mi); ROOSEVELT AVE, from Garrison to Goodale (0.92 mi), and MEACHEM AVE, from Upton to Capital (0.77 mi)	4.42	Resurface	Resurfacing with spot sidewalk & ramp replacement on Capital & Main, chipseal on Upton, Roosevelt, Meachem, & Union.	CON	586,677	STUL			131,372	CITY	718,049	130194	9/27/17	Local funds from City of Battle Creek Act 51 revenue. ADMINISTRATIVE ACTION 5/10/17 to add following note that project is to be combined in TIP Am#5 (July/2017) with other 2020 STUL-funded City of BC resurfacing projects. Newly named "City of BC Major Resurfacings" (changed from "Capital Ave SW", \$372,050 total, \$304,523 Fed STUL, \$67,527 City), with work & funding for Main St (old JN 122879) & Union St (old JN 130196) added, BY AMENDMENT #5 July/2017. Costs recalculated, and Union St changed to chipseal, to facilitate addition of chipseal on Upton, Roosevelt, & Meachem, BY AMENDMENT #6 Sep/2017, with additional \$1,279 to Local Cost.
2020	City of Battle Creek	Intersection Signal Modernization - Capital @ VanBuren	Capital Ave @ VanBuren St		Traffic ops/safety	Upgrade/modernize signal & interconnection to nearby signals and City's Traffic Management Center	CON	325,000	CMG			0		325,000	120752	6/22/16	Signal project eligible for 100% Fed CMAQ funding.
2020	City of Springfield	One Clean Diesel Dump Truck (replacement), single-axle, only cab+chassis Fed-aid eligible	within City of Springfield & adjoining areas as necessary in Calhoun County		Miscellaneous	Replace one dump truck in existing fleet	EPE	73,665	CM			78,565	CITY	152,230	130197	6/22/16	Local funds from City of Springfield Act 51 revenue. Project app initially submitted Feb19-15 to MDOT/E. Fowler, for determination of CMAQ eligibility. Project re-evaluated 1/6/16 given notice of eligibility of cab+chassis costs ONLY for Fed-aid. Eligible expense figured @ 59.121%, for single-axle dump truck, of total \$152,230. Fed CMAQ share = (59.121% * \$152,230) * 81.85%. Feb3-17. Phase changed from CON to EPE per request in Dec21-16 snapshot.
2020	MDOT	I-94 WB entrance ramp at Exit 104 interchange CON	I-94 WB entrance ramp from I-94BL/M-311 (11 Mile/Wheatfield Rd) east-south-westward to I-94	0.17	Reconstruct	Reconstruction of the loop entrance ramp	CON	1,010,700	HSIP	112,300	M			1,123,000	127639	6/22/16	Listed separate from Trunkline Traffic Operations and Safety GPA. PE phase in 2017.
2020	Transit - City of Battle Creek	1 (one) Propane-Fueled Small Bus/Van for demand-response service	Battle Creek Transit demand-response service area, generally within City of Battle Creek & limited service into adjoining townships		Transit vehicle additions or replacements	1 (one) Propane-Fueled 10-Passenger Lift-Equipped Light-Duty 20' Cutaway Bus, replacement, for demand-response service	T-Cap	45,547	CM	11,387	CTF	23,066	CITY	80,000	130198	6/22/16	CMAQ funding is maximum available after fully funding other higher priority FY20 CMAQ projects, leaving required match > 20%. Funding mix set for sum of Fed+State shares to be split 80% Fed, 20% State, with remaining balance to meet the \$80,000 total designated as Local Cost.
2020	Transit - City of Battle Creek	Community Action / Capital Assistance - Planned 2020 Application 1	within Calhoun County		Transit vehicle additions or replacements	Acquisition of two (2) new 15-psngr van, to REPLACE two vehicles in existing fleet.	T-Cap	73,244	5310	18,311	CTF			91,555		6/22/16	To be implemented with funds "passed through" Battle Creek Transit (BCT). FTA Section 5310 "Enhanced Mobility of Seniors & Individuals with Disabilities" planned FY20 application. Cost based on 2018 application estimates (for like vehicle) increased 2%/yr.
2020	Transit - City of Battle Creek	Community Action / Capital Assistance - Planned 2020 Application 2	within Calhoun County		Transit vehicle additions or replacements	Acquisition of two (2) new small light-duty cutaway buses, 138" wheelbase, w/lift, gas engine, to REPLACE two vehicles in existing fleet.	T-Cap	96,549	5310	24,137	CTF			120,686		6/22/16	To be implemented with funds "passed through" Battle Creek Transit (BCT). FTA Section 5310 "Enhanced Mobility of Seniors & Individuals with Disabilities" planned FY20 application. Cost based on 2018 application estimates (for like vehicle) increased 2%/yr.
2020	Transit - City of Battle Creek	Community Inclusive Recreation (CIR) Capital Assistance - Planned 2020 Application	within Calhoun County		Transit vehicle additions or replacements	Acquisition of one (1) new small (15-psngr) light-duty cutaway buses, 138" wheelbase, w/lift, gas engine, to REPLACE one vehicle in existing fleet.	T-Cap	49,240	5310	12,310	CTF			61,550		6/22/16	To be implemented with funds "passed through" Battle Creek Transit (BCT). FTA Section 5310 "Enhanced Mobility of Seniors & Individuals with Disabilities" planned FY18 application. Cost based on 2017 application estimates (for like vehicle) increased 2%/yr.
2020	Transit - City of Battle Creek	Expected Transit Farebox Revenue	BCT service area		Transit operations							410,941	CITY	410,941		6/22/16	City of Battle Creek "farebox revenue" from fares, tokens/tickets, passes, misc transp contracts, Auxiliary Trans Revenues (i.e. advertising), & NonTrans Revenues. Held constant thru this TIP.
2020	Transit - City of Battle Creek	FTA Sec 5339(a) Capital Project(s)	Project(s) to be determined, likely to be large bus replacements for Battle Creek Transit fixed-route service.		Transit vehicle additions or replacements	Projects to be determined, funds may be accumulated year-to-year and/or combined with other available Fed-aid for major capital projects i.e. large bus replacements.	T-Cap	96,000	5339	24,000	CTF			120,000		7/19/17	Added by Amendment #5 July/2017.
2020	Transit - City of Battle Creek	Marian Burch Adult Daycare Center (MBADC) Capital Assistance - Planned 2020 Application 1	within Calhoun County		Transit vehicle additions or replacements	Replacement of one cutaway small bus	T-Cap	56,800	5310	14,200	CTF			71,000		2/22/17	Funds "passed through" Battle Creek Transit (BCT). FTA Section 5310 "Enhanced Mobility of Seniors & Individuals with Disabilities" planned FY20 application. Local \$1,800 from MBADC for non-participating cost of lettering on vehicle exterior removed BY ADMINISTRATIVE ACTION 2/22/17, with total phase cost increased 1.5% & split 80/20 Fed/State, to correctly match application.
2020	Transit - City of Battle Creek	Marian Burch Adult Daycare Center (MBADC) Capital Assistance - Planned 2020 Application 2	within Calhoun County		Transit vehicle additions or replacements	Replacement of one 12-passenger van with lift	T-Cap	44,000	5310	11,000	CTF			55,000		3/29/17	Funds "passed through" Battle Creek Transit (BCT). FTA Section 5310 "Enhanced Mobility of Seniors & Individuals with Disabilities" planned FY20 application. Added BY AMENDMENT #3 March/2017.
2020	Transit - City of Battle Creek	Specialized Services Operating Assistance	within Calhoun County		Transit operations	Operating assistance to local human services agencies	T-Ops			92,624	CTF			92,624		6/22/16	State funds "passed through" Battle Creek Transit (BCT). Held constant thru this TIP.
2020	Transit - City of Battle Creek	Transit Operating Assistance	BCT service area		Transit operations		T-Ops	1,057,581	5307	1,464,683	CTF	881,737	CITY	3,404,000		6/22/16	Local funds from City of Battle Creek general fund, all cost estimates as of 6/22/16 held constant thru this TIP.