

5/23/18

All projects in Calhoun County. No Advance Construct projects. All projects Air Quality Exempt. Past deleted projects with \$0 not listed. Additions at end of list.

2018--2020 Projects ONLY

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)	TIP ID (Assigned by BCATS)	MPO Action Date	Amendment Type	Comments	Total Project Cost (\$1000s)
2018	Calhoun County Road Dept	East Ave	from Roosevelt Ave northward to Morgan Rd	1.17	Resurface	Resurfacing	CON	202,264	STUL			44,851	CNTY	247,115	130038	20181101	5/22/18	Cost	Local funds from Calhoun County Act 51 revenue. Update: Scheduled Obligation 2/9/18, Scheduled Let 4/6/18, per JobNet 1/18/18. Let as scheduled, low bid \$224,650 total. ADMINISTRATIVE ACTION 5/22/18 to reduce Total Phase Cost by -24%, from \$325,000 to \$247,115, = 110% of low bid. Standard Fed/local split 81.85/18.15%.	272
2018	Calhoun County Road Dept	F Dr N	from approximately 4,300 feet west of M-311 (11 Mile Rd) eastward to M-311	0.81	Restore & rehabilitate	HMA base crush & shape with a 3.5 in HMA overlay. Existing paved shoulders widened. All-season status preserved.	CON			294,890	EDA	196,594	CNTY	491,484	202745	20189101	3/13/18		State Transportation Economic Development Fund (TEDF) Category A funds. Local funds from Calhoun County Act 51 revenue. No Federal funds, added by administrative action Mar13-18.	541
2018	Calhoun County Road Dept	McAllister Rd	from Verona Rd northward to N Dr N	1.35	Resurface	Resurfacing	CON	292,614	STUL			64,886	CNTY	357,500	130177	20181102	5/22/18	Cost	Local funds from Calhoun County Act 51 revenue. Update: Scheduled Obligation 2/9/18, Scheduled Let 4/6/18, per JobNet 1/18/18. Let as scheduled, low bid \$304,534 total. ADMINISTRATIVE ACTION 5/22/18 to increase Total Phase Cost by -6.7%, from \$335,000 to \$357,500, to facilitate crown correction. Standard Fed/local split 81.85/18.15%. Added funds available from East Ave bid savings.	393
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 GETHINGS RD, from Helmer to 24th (0.37 mi).	3.60	Resurface	Resurfacing with spot sidewalk & ramp replacement on Helmer & Kendall, asphalt paving on Hamblin, placement of pedestrian refuge island on Hamblin between Capital & McCamly, chipseal on 24th & Gethings.	CON	651,559	STUL			144,481	CITY	796,040	130178	20181201	5/22/18	Cost	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. Hamblin Ave work changed from skip paving to full resurfacing, with addition of pedestrian refuge island mid-block between Capital & McCamly, near Full Blast entrance, BY AMENDMENT #7 Dec/2017. Total cost increased 33.6%, with all available remaining balance of 2018 Fed STUL funds, per updated estimate from MDOT/EM Nov30-17. Overmatching local share of 18.39%. ADMINISTRATIVE ACTION 5/22/18 to increase Total Phase Cost by -5.7%, from \$753,020 to \$795,837, for expected high bids 7/7/18, and to set standard Fed/local split 81.85/18.15%. Added funds available from East Ave bid savings.	876
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	20181202	6/22/16		Signal project eligible for 100% Fed CMAQ funding.	358
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	200531	20189201	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.	207
2018	City of Battle Creek	Propane Conversion / Retrofit, up to 20 Light-Duty Vehicles	Vehicles used within City of BC & adjacent area as necessary		Miscellaneous	Conversion of up to 20 (twenty) 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.	EPE	127,397	CM			31,849	CITY	159,246	124463	20179201	2/28/18		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, = \$175,978 CMAQ, \$39,023 City) BY FY17-20 TIP AMENDMENT #4 May/2017. Missed obligation within FY17: moved to 2018, cost reduced 27.6% (to match available 2018 CMAQ funding), and number of vehicles dropped to "up to 20" from "up to 25". BY AMENDMENT #7 Dec/2017. Administrative action 2/28/18 to change Phase from CON to EPE to match JobNet, and increase total cost 2.3%, due to recalculation of Fed/Local share at 80/20 typically used for transit vehicle projects. Fed CMAQ amount kept at \$127,397, with \$3,599 added to City cost to meet 20% share.	159
2018	City of Battle Creek	River Rd @ Clark/Custer Flashing Beacon	at intersection of River Rd and Clark Rd/Custer Dr		Traffic ops/safety	Installation of overhead flashing beacon: red for stop-sign controlled River Rd traffic, yellow for free-flow Clark/Custer traffic	CON	10,836	HSIP			1,204	CITY	12,040	200296	20189203	1/24/18		Added by Amendment #8 Jan/2018. Local funds from City of BC Act 51 revenue.	13
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	20179508	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.	3,066
2018	MDOT	Capital Ave SW GTW RR Crossing	At Capital Ave SW, between Hamblin Ave & I-94BL (Dickman Rd)	0.01	Rail	Reconstruct grade crossing	CON			180,537	MRRF	120,358	PRVT	300,895	202529	20189504	1/10/18		No Federal funds, added by administrative action Jan10-18. Local "PRVT" funds from railroad, 40% of total. Project implementation by railroad.	301
2018	MDOT	Carpool Lot Resurfacing at I-94 Exit 100	existing carpool lot in northwest quadrant of I-94 Exit 100 interchange with M-294 (Beadle Lake Rd)		Roadside facility	Resurface existing carpool lot	CON	65,480	ST	14,520	M			80,000	201976	20189505	1/24/18		Added by Amendment #8 Jan/2018.	88
2018	MDOT	Elm St GTW RR Crossing	At Elm St, just north of E Dickman Rd	0.01	Rail	Reconstruct grade crossing	CON			144,989	MRRF	96,660	PRVT	241,649	202542	20189506	1/10/18		No Federal funds, added by administrative action Jan10-18. Local "PRVT" funds from railroad, 40% of total. Project implementation by railroad.	242
2018	MDOT	I-194 northbound & southbound	I-94 to Golden Ave	1.67	Resurface	Hot Mix Asphalt One Course Resurfacing	PE			50,000	M			50,000	202017	20189507	1/10/18		No Federal funds, added by administrative action Jan10-18.	1,150
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	20189503	9/27/17		Added by Amendment #6 Sep/2017.	1,922
2018	MDOT	I-94 Resurfacing 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	STI	1,900,000	M			19,000,000	125865	20189501	2/28/18		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 8/10/2018 obligation & 12/30/20 end date per JobNet. Administrative actions 2/16/18 to change Fed Fund Source to "STI" (from IM) per JobNet, and 2/28/18 to add comment at MDOT request that "This is a Gordie Howe International Bridge (GHIB) In-kind Programmatic Match project. MDOT funding of up to \$ 1.9M is being used for this programmatic match."	20,840
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	20179503	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. Total Project Cost updated to \$4,040,255 per JobNet 5/9/18 with inclusion of FY15 PE & PE-S budgets.	4,040
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	20181502	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.	2,206

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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)	TIP ID (Assigned by BCATS)	MPO Action Date	Amendment Type	Comments	Total Project Cost (\$1000s)
2018	MDOT	Marshall TSC Signal Modernizations - M-37@M-89, M-89@Jackson	at the intersections of M-37 (Bedford Rd) @ M-89 (Michigan Ave), and at M-89 (Washington) @ Jackson.		Traffic ops/safety	Modernize signals	CON	297,327	STG					297,327	125646	20189591	1/10/18		Added to "Projects Partly with Work in Battle Creek Metropolitan Planning Area" section of Project List by administrative action Jan10-18. Project as listed here represents 2 of 11 intersections in the Marshall TSC area, with proportional share (2/11=18.18%) of \$1,635,300 CON phase total cost calculated. 2015 PE total \$288,000, 2018 ROW total \$95,000. This "S/TIP Line Item" incorporated into regular TIP Project List 5/30/18 to align with expected recording method in JobNet Phase 2 (eff. 7/16/18), and upon suggested FHWA guidance.	2,018
2018	MDOT	McAllister Rd GTW RR Crossing	At McAllister Rd (9 Mile Rd), between Bellevue Rd & Pennfield Rd	0.01	Rail	Reconstruct grade crossing	CON			139,749	MRRF	93,166	PRVT	232,915	202526	20189508	1/10/18		No Federal funds, added by administrative action Jan10-18. Local "PRVT" funds from railroad, 40% of total. Project implementation by railroad.	233
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	20189502	5/24/17		Added by Amendment #4 May/2017.	228
2018	Transit - City of Battle Creek	Community Action / Capital Assistance - Planned 2018 Application 1	within Calhoun County		Transit vehicle additions or 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		20181306	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.	44
2018	Transit - City of Battle Creek	Community Action / Capital Assistance - Planned 2018 Application 2	within Calhoun County		Transit vehicle additions or 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		20181307	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.	58
2018	Transit - City of Battle Creek	Community Inclusive Recreation (CIR) Capital Assistance - Planned 2018 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	47,328	5310	11,832	CTF			59,160		20181308	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.	59
2018	Transit - City of Battle Creek	Expected Transit Farebox Revenue	BCT service area		Transit operations		T-Ops					410,941	CITY	410,941		20181301	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.	411
2018	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		20189301	7/19/17		Added by Amendment #5 July/2017.	120
2018	Transit - City of Battle Creek	Marian Burch Adult Daycare Center (MBADC) Capital Assistance - Planned 2018 Application	within Calhoun County		Transit vehicle additions or replacements	Replacement of one 6-passenger accessible mini-van	T-Cap	35,201	5310	8,800	CTF			44,001		20181302	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 by AMENDMENT #3 March/2017, with total phase cost increased 84.9% & split 80/20 Fed/State, to correctly match application.	44
2018	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		20181303	6/22/16		State funds "passed through" Battle Creek Transit (BCT). Held constant thru this TIP.	93
2018	Transit - City of Battle Creek	Transit Operating Assistance	BCT service area		Transit operations		T-Ops	1,089,708	5307	1,419,110	CTF	938,230	CITY	3,447,048		20181304	5/18/18	Cost	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. ADMINISTRATIVE ACTION 5/18/18 to increase Fed cost 3% from \$1,057,581 to \$1,089,708.	3,447
2019	Calhoun County Road Dept	East Ave & Oak Grove Rd Tree Removal	East Ave from Morgan Rd north to Baseline Rd, Oak Grove Rd from M Dr S northeast to J Dr S		Traffic ops/safety	Tree Removal	CON	94,795	HRRR			10,533	CNTY	105,328		20199102	3/13/18		Federal High Risk Rural Roads (HRRR) funding. Local funds from Calhoun County Act 51 revenue. Added to "Projects Partly with Work in Battle Creek Metropolitan Planning Area" section of Project List by administrative action Mar13-18. Project as listed here represents 2 locations in BCATS metropolitan planning area (MPA) of total 6 Calhoun County locations assigned HRRR funds. The 4 roads outside the MPA are 13 Mile Rd (Convis Twp, from N Dr N to Bellevue Rd), 29 Mile Rd (from Albion city limits to J Dr N), 13 Mile Rd (Fredonia Twp, from L Dr S to F Dr S), and Condit Rd (from F Dr S to M-99). This "S/TIP Line Item" incorporated into regular TIP Project List 5/30/18 to align with expected recording method in JobNet Phase 2 (eff. 7/16/18), and upon suggested FHWA guidance.	324
2019	Calhoun County Road Dept	Flashing Beacons at 3 Intersections	6.5 Mile Road at Golden Avenue (G Drive N), East Avenue at Roosevelt Avenue, East Avenue at Morgan Road		Traffic ops/safety	Install sign mounted flashing beacons on existing Stop signs	CON	41,023	HSIP			4,558	CNTY	45,581		20199101	3/28/18		Local funds from Calhoun County Act 51 revenue. Added by Amendment #9 March/2018.	50
2019	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	192,877	CMG			7,123	CNTY	200,000	131042	20201103	12/20/17		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. Moved to 2019 BY AMENDMENT #7 Dec/2017, funding source revised to use 2019 CMAQ available balance of \$192,877, with \$7,123 from County to meet unchanged total estimated cost of \$200,000.	220
2019	Calhoun County Road Dept	North Ave, Pennfield Twp	from Halbert Rd northward to Calhoun County limits	2.65	Resurface	Resurfacing	CON	532,025	STUL			117,975	CNTY	650,000	130186	20191101	6/22/16		Local funds from Calhoun County Act 51 revenue.	715
2019	City of Battle Creek	A1. City of BC Major Resurfacings	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). Added by Am#10 5/23/18: EMMETT ST, from Washington Ave to Grant St (904'); GOODALE AVE, from North Ave to Blegin Ct (3866'); LAFAYETTE ST, from Kendall St to Angell St (2260'); RIVER RD, from Bedford Rd to west City limit (4885').	6.89	Resurface	Chipseal with spot sidewalk & ramp replacement on Elm & North Ave. resurfacing on Glenn Cross Rd., chipseal on Jackson & Stringham, and Emmett, Goodale, Lafayette, & River	CON	629,113	STUL			139,504	CITY	768,617	130187	20191201	5/23/18	Scope	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. Jackson St work includes segment in City of Springfield, ~2,200 feet, Springfield share of Local Cost ~\$6,000. Four segments (2.26 mi total, \$166,071 additional CON phase cost) added BY AMENDMENT #10 May/2018, for chipseal resurfacing with remaining balance of unprogrammed FY19 STUL funds.	845
2019	City of Battle Creek	Hill Brady Shared Use Trail	along the east side of Hill Brady Rd from Skyline Dr to M-96 (W Dickman Rd)	2.13	Roadside facility	Construct Hill Brady Shared Use Trail, including ADA-compliant sidewalk ramps	CON	416,802	TAUL			277,868	CITY	694,670	202475	20199201	1/24/18		Added by Amendment #8 Jan/2018. Local funds from City of BC Act 51 revenue. Programmed per Grant no. TA 2017019.01. Control Section is TAUL 13000.	764
2019	City of Battle Creek	Intersection Signal Modernization - Capital @ Michigan	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	20191203	6/22/16		Signal project eligible for 100% Fed CMAQ funding.	325

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2019	MDOT	M-96 Signals	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	20199501	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, by administrative action 9/28/17.	3,066
2019	MDOT	I-194 northbound & southbound	I-94 to Golden Ave	1.67	Resurface	Hot Mix Asphalt One Course Resurfacing	CON			1,100,000	M			1,100,000	202017	20199502	1/10/18		No Federal funds, added by administrative action Jan10-18.	1,150
2019	MDOT	M-311 (11 Mile/Wheatfield Rd) CON	from BCATS southern Metropolitan Planning Area (MPA) boundary line btwn Newton & Burlington Twps northward to I-94 BL (Michigan Ave). April 2017 - limits reduced to 0.35 mi north & south of Kalamazoo River (total segment length 0.692 mi). Project now wholly in BCATS Metropolitan Planning Area.	0.69	Restore & rehabilitate	Multi-course HMA overlay	CON		ST		M	4	OLF	4	1223001	20191501	5/23/18	DELETE	Only 9.5 mi segment from I-94BL (Michigan Ave) southward to Newton/Burlington twps boundary in BCATS area, or 71% of the full 13.4 mi project further southward to M-60: Fed \$3,558,566 + State M \$789,102, total phase \$4,347,668 costs listed here represent 71% of total \$6,132,500 for CON. Total Project Cost \$6,801,500. 2016 PE in FY14-17 TIP. Deleted from BCATS' FY17-20 TIP 12/6/16 by administrative action to remove project part in BCATS area from TIP Demonstration of Fiscal Constraint and so to leave all financial accounting for the complete project fully in the Statewide TIP (STIP). Deleted from TIP by administrative action and added to new section listing projects outside of range tabulated for fiscal constraint, at end of BCATS' TIP Project List [FY17-20 Statewide TIP (STIP) - MDOT Projects Partly with Work in BCATS Metropolitan Planning Area (MPA) within Amendment #1 Nov/2016. Update with Amendment #10 May/2018: MDOT reduced this project length (bringing project wholly into MPA) & CON phase cost (to \$985,000) in April 2017 to re-direct funds to JN-125865 (\$17M+ resurfacing of I-94 east of Battle Creek). Effective October 2017, the reduced project is suspended indefinitely, and so again deleted from TIP BY AMENDMENT #10 May/2018. Shown with \$1 to display record on table.	0
2019	MDOT	M-311 (11 Mile/Wheatfield Rd) Bridge over Kalamazoo River - CON	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	20191502	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. Total Project Cost updated to \$4,040,255 per JobNet 5/9/18 with inclusion of FY15 PE & PE-S budgets. Construction in 2020.	4,040
2019	MDOT	M-311 (11 Mile/Wheatfield Rd) CON/1	from BCATS southern Metropolitan Planning Area (MPA) boundary line btwn Newton & Burlington Twps northward to B Drive S	5.00	Traffic ops/safety	fixed object removal - tree removal and culvert replacement	CON	470,484	HSIP	52,276	M			522,760	124061	20191503	12/6/16		Only 5.0 mi segment from B Dr S southward to Newton/Burlington twps boundary in BCATS area, or 56% of the full 8.9 mi project further southward to M-60: costs listed here in BCATS' TIP for info only represent 56% of total \$933,500 for CON. PE phase in 2017. Deleted from BCATS' FY17-20 TIP 12/6/16 by administrative action to remove project part in BCATS area from TIP Demonstration of Fiscal Constraint and so to leave all financial accounting for the complete project fully in the Statewide TIP (STIP). Info for proportional share of project in BCATS area added to new section at end of BCATS' TIP Project List in e-file, entitled "FY17-20 Statewide TIP (STIP) - MDOT Projects Partly with Work in BCATS Metropolitan Planning Area", within Amendment #1 Nov/2016. This "S/TIP Line Item" incorporated into regular TIP Project List 5/30/18 to align with expected recording method in JobNet Phase 2 (eff. 7/16/18), and upon suggested FHWA guidance.	1,162
2019	MDOT	M-311 (11 Mile/Wheatfield Rd) CON/2	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	20191504	6/22/16		PE phase in 2017.	165
2019	Transit - City of Battle Creek	Community Inclusive Recreation (CIR) Capital Assistance - Planned 2019 Application 1	within Calhoun County		Transit operations equipment	Acquisition & installation of "Vlamente" route planning software, replacement	T-Cap	2,240	5310	560	CTF			2,800		20191307	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.	3
2019	Transit - City of Battle Creek	Community Inclusive Recreation (CIR) Capital Assistance - Planned 2019 Application 2	within Calhoun County		Transit vehicle additions or 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		20191308	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.	42
2019	Transit - City of Battle Creek	Expected Transit Farebox Revenue	BCT service area		Transit operations		T-Ops					410,941	CITY	410,941		20191301	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.	411
2019	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		20199301	7/19/17		Added by Amendment #5 July/2017.	120
2019	Transit - City of Battle Creek	Marian Burch Adult Daycare Center (MBADC) Capital Assistance - Planned 2019 Application 1	within Calhoun County		Transit vehicle additions or replacements	Replacement of one cutaway small bus	T-Cap	63,200	5310	15,800	CTF			79,000		20191302	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 BY ADMINISTRATIVE ACTION 2/22/17, with total phase cost increased 18.3% & split 80/20 Fed/State, to correctly match application.	79
2019	Transit - City of Battle Creek	Marian Burch Adult Daycare Center (MBADC) Capital Assistance - Planned 2019 Application 2	within Calhoun County		Transit vehicle additions or replacements	Replacement of one medium-duty large bus	T-Cap	76,800	5310	19,200	CTF			96,000		20191303	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 BY ADMINISTRATIVE ACTION 2/22/17, with total phase cost reduced 21.2% & split 80/20 Fed/State, to correctly match application.	96
2019	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		20191305	6/22/16		State funds "passed through" Battle Creek Transit (BCT). Held constant thru this TIP.	93
2019	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		20191306	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.	3,404
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	20201101	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.	836
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	20201102	6/22/16		Local funds from Calhoun County Act 51 revenue.	539
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	20201201	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.	790

5/23/18

2018--2020 Projects ONLY

All projects in Calhoun County. No Advance Construct projects. All projects Air Quality Exempt. Past deleted projects with \$0 not listed. Additions at end of list.

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)	TIP ID (Assigned by BCATS)	MPO Action Date	Amendment Type	Comments	Total Project Cost (\$1000s)
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	20201202	6/22/16		Signal project eligible for 100% Fed CMAQ funding.	358
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	20201401	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.	152
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	20201501	6/22/16		Listed separate from Trunkline Traffic Operations and Safety GPA. PE phase in 2017.	1,283
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	20201301	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.	80
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		20201306	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.	92
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		20201307	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.	121
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		20201308	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.	62
2020	Transit - City of Battle Creek	Expected Transit Farebox Revenue	BCT service area		Transit operations							410,941	CITY	410,941		20201302	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.	411
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		20209302	7/19/17		Added by Amendment #5 July/2017.	120
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		20201303	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.	71
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		20209301	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.	55
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		20201304	6/22/16		State funds "passed through" Battle Creek Transit (BCT). Held constant thru this TIP.	93
2020	Transit - City of Battle Creek	Transit Operating Assistance	BCT service area		Transit operations			1,057,581	5307	1,464,683	CTF	881,737	CITY	3,404,000		20201305	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.	3,404
2018	BCATS	Traffic Counting Equipment	use in Battle Creek metropolitan planning area		Planning and research	purchase traffic counting hardware & software for BCATS use & possible loan out to local agencies, plus hardware for City BC-DPW.		8,345	STUL			1,851	OLF	10,196		20189601	5/23/18	Add	Local funds from BCATS. Added BY AMENDMENT #10 May/2018. Added funds available from East Ave bid savings.	10
2018	MDOT	I-194 NB Exit 3 to I-94BL (Dickman Rd)	northbound I-194 Exit 3 ramp & intersection at I-94BL (Dickman Rd)		Traffic ops/safety	Install wrong way traffic detection system	CON	30,150	HSIP	3,350	M			33,500	202931	20189509	5/23/18	Add	Added BY AMENDMENT #10 May/2018. MDOT Non-Let	37
2018	MDOT	I-94 BL/M-37/M-96 (Helmer Rd) - PE	from I-94 BL/M-96/M-37 (Columbia Ave) northward to M-37/M-96 (Dickman Rd), and M-37/M-96 (Dickman Rd) between Helmer Rd N & S, in Cities of Battle Creek & Springfield	1.88	Resurface	Cold milling, 2" HMA Overlay, pavement markings, drainage structure adjustments, and ADA ramp upgrades.	PE			50,000	M			50,000	202943	20189510	5/9/18	Add	No Federal funds, added by administrative action May9-18.	1,045
2018	MDOT	I-94 BL/M-37/M-96 (Helmer Rd) - CON	from I-94 BL/M-96/M-37 (Columbia Ave) northward to M-37/M-96 (Dickman Rd), and M-37/M-96 (Dickman Rd) between Helmer Rd N & S, in Cities of Battle Creek & Springfield	1.88	Resurface	Cold milling, 2" HMA Overlay, pavement markings, drainage structure adjustments, and ADA ramp upgrades.	CON			995,000	M			995,000	202943	20189511	5/9/18	Add	No Federal funds, added by administrative action May9-18.	1,045
2018	MDOT	Marshall TSC Skip Paving (M51867) with 395/PBM Maintenance Funding	I-94 approach & departure transitions from MHA to concrete under bridges (RR, Michigan, Verona), M-96 (Columbia Ave) west of Riverside, M-37 (Bedford south of Morgan, M-311 @ I-94.		Resurface	skip paving; I-94 priority, other locations as funding allows.	CON			400,000	M			400,000	20189591	20189591	5/9/18	Add	No Federal funds, added to "Projects Partly with Work in Battle Creek Metropolitan Planning Area" section of Project List by administrative action May9-18. Project also includes locations at I-94 approach & departure transitions from MHA to concrete under bridges at I-69, 23 Mi Rd, 26 Mi Rd, & 27 Mi Rd outside the BCATS MPA. Total cost for all Calhoun County work shown. This "S/TIP Line Item" incorporated into regular TIP Project List 5/30/18 to align with expected recording method in JobNet Phase 2 (eff. 7/16/18), and upon suggested FHWA guidance.	440
2019	MDOT	MDOT Sw Region Traffic Safety Signal Project - CON	M-96 (Dickman Rd) @ Clark Rd		Traffic ops/safety	Install dilemma zone detection system	CON	51,910	HSIP	5,768	M			57,678	201991	20199592	5/23/18	Add	Added to "Projects Partly with Work in Battle Creek Metropolitan Planning Area" section of Project List by administrative action May9-18. Overall project includes 7 other intersection locations in MDOT Sw Region. Cost shown here for one site in BCATS MPA represents 1/8 of \$461,424 Total Project CON cost. Included as addition to TIP BY AMENDMENT #10 May/2018. This "S/TIP Line Item" incorporated into regular TIP Project List 5/30/18 to align with expected recording method in JobNet Phase 2 (eff. 7/16/18), and upon suggested FHWA guidance.	533
2019	MDOT	MDOT Sw Region Traffic Safety Signal Project - PE	M-96 (Dickman Rd) @ Clark Rd		Traffic ops/safety	Install dilemma zone detection system	PE	8,100	HSIP	900	M			9,000	201991	20199591	5/23/18	Add	Added to "Projects Partly with Work in Battle Creek Metropolitan Planning Area" section of Project List by administrative action May9-18. Overall project includes 7 other intersection locations in MDOT Sw Region. Cost shown here for one site in BCATS MPA represents 1/8 of \$72,000 Total Project PE cost. Included as addition to TIP BY AMENDMENT #10 May/2018. This "S/TIP Line Item" incorporated into regular TIP Project List 5/30/18 to align with expected recording method in JobNet Phase 2 (eff. 7/16/18), and upon suggested FHWA guidance.	533