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## 2045 Metropolitan Transportation Plan

### Recommended Improvements

&gt;= \$800,000 in bold red

YEAR	RESPONSIBLE AGENCY	PROJECT NAME	LIMITS	LENGTH (miles)	PROJECT DESCRIPTION	TOTAL ESTIMATED AMOUNT (\$)	MDOT JN	PHASE
2022	Battle Creek	<b>Washington Ave</b>	from Goodale Ave southward to Michigan Ave (M-89)	1.15	Mill & Resurface	\$ 590,552	<b>207347</b>	CON
2022	Calhoun County	<b>Beadle Lake Rd</b>	from B Dr N northward to exit/entrance ramps south of I-94	1.42	Resurfacing	\$ 290,422	<b>213043</b>	CON
2022	Calhoun County	<b>F Dr N</b>	from Wattles Rd eastward ~0.81 mi to Flex-n-Gate driveway	0.81	Crush & shape and asphalt resurfacing	\$ 359,875	<b>207408</b>	CON
2022	Calhoun County	<b>K Dr S, Phase II</b>	from 6 Mile Road eastward to 7.5 Mile Road	1.54	Crush & shape and asphalt resurfacing	<b>\$ 1,581,792</b>	<b>207425</b>	CON
2022	Calhoun County	<b>Main St, full resurfacing, Emmett Twp</b>	from M-96 (Columbia Ave) to City limits (~180' south of Kingman)	0.30	HMA mill & resurface (3") with ADA ramp upgrades	\$ 167,792	<b>207496</b>	CON
2022	Calhoun County	<b>Raymond Road N bridge</b>	Raymond Road North over Michigan Department of Transportation Railroad	0.00	Bridge Rehabilitation	<b>\$ 1,129,000</b>	<b>209858</b>	CON
2022	Calhoun County	<b>Signal Upgrade - 6.5 Mi Rd @ Harper Village Dr</b>	Signalized intersection of 6.5 Mi Rd and Harper Village Dr	0.00	Upgrade/modernize existing signals, including video detection system	\$ 285,000	<b>207465</b>	CON
2022	MDOT	<b>I-194/M-66 bridges</b>	over I-94	0.00	Full Paint, Substr Horizontal Surf Coating, Elas Bearing Repl, Joint Reseal	<b>\$ 1,754,437</b>	<b>204349</b>	CON
2022	MDOT	<b>I-94</b>	from I-94BL/M-96 (Michigan Ave) overpass eastward ~1.1 mi to Emmett/Marshall townships line (BCATS area eastern boundary). Part of larger project extending eastward to 17.5 Mile Rd (excluding thru I-69 interchange).	1.10	Milling and one course asphalt overlay	<b>\$ 867,219</b>	<b>210837</b>	CON
2022	MDOT	<b>I-94 bridges</b>	over Riverside Drive	0.00	Thin Epoxy Ovly, Sleeper Slab Repl, Approach Repl, Expansion Joint Repl	<b>\$ 906,000</b>	<b>204348</b>	CON
2022	MDOT	<b>I-94 Rebuilding Michigan (RBMP) project</b>	from west of Helmer Rd eastward to east of F Dr N [including bridges & interchanges at Capital Ave and M-294 (Beadle Lake Rd), and bridges at Kalamazoo River, 6.5 Mi Rd, 9 Mi Rd, and F Dr N]	8.13	Milling and two course asphalt resurfacing (to 6.5 Mi Rd), bridge replacement, temporary widening, bridge railing repair and interchange reconstruction.	<b>\$ 114,660,892</b>	<b>210073</b>	CON
2022	MDOT	<b>I-94BL (Michigan Ave) bridge</b>	over I-94	0.00	Barrier Repl, Deck Patching, H/S, Latex Bm Repr, Substr Patching, CSC	<b>\$ 930,000</b>	<b>201957</b>	CON

>= \$800,000 in bold red

YEAR	RESPONSIBLE AGENCY	PROJECT NAME	LIMITS	LENGTH (miles)	PROJECT DESCRIPTION	TOTAL ESTIMATED AMOUNT (\$)	MDOT JN	PHASE
2022	MDOT	<b>M-311 (11 Mile Rd) bridge</b>	M-311 over I-94	0.00	Shallow overlay with barrier replacement.	\$ <b>959,814</b>	<b>212581</b>	CON
2022	MDOT	<b>M-37 (Helmer Rd/Bedford Rd)</b>	Dickman Road (M-96) to Creekview Drive in Calhoun County	2.87	Milling and two course asphalt resurfacing	\$ <b>6,820,000</b>	<b>210067</b>	CON
2022	MDOT	<b>M-66</b>	L Drive South to D Drive South in Leroy Township, Calhoun County	4.02	Milling and one course asphalt overlay	\$ <b>1,215,000</b>	<b>208374</b>	CON
2022	MDOT	<b>Trunkline Signal Modernization</b>	4 intersections: M-89 (Michigan) @ Stringham Rd; M-89 (Michigan) @ VanBuren; I-94BL (Michigan) @ Charlton (fire station); M-89 (Michigan) @ Kimber (fire station).	0.00	Traffic Signal Modernization; connected vehicle installations	\$ 774,092	<b>206134</b>	CON
2022	Battle Creek Transit	<b>Transit Capital - Battle Creek Transit, Sec5339</b>	Areawide - Battle Creek Transit	0.00	Farebox upgrade (qty up to 25)	\$ 178,406	<b>208237</b>	Non-Infrastructure (NI)
2022	Battle Creek Transit	<b>Transit Capital (MobilityMgmt) - BCT, Sec5310</b>	Areawide/Calhoun County	0.00	Continue BCT model to coordinate countywide transportation	\$ 82,500	<b>212168</b>	Non-Infrastructure (NI)
2022	Battle Creek Transit	<b>Transit Operating</b>	areawide	0.00	FY22 Section 5310 Operating Assistance/New Freedom program	\$ 252,466	<b>212946</b>	Non-Infrastructure (NI)
2022	Battle Creek Transit	<b>Transit Operating - Battle Crk Transit, Fed+Local</b>	Areawide - Battle Creek Transit	0.00	Operating Assistance - FTA Sec5307 and Local	\$ <b>2,724,626</b>	<b>208189</b>	Non-Infrastructure (NI)
2022	Battle Creek Transit	<b>Transit Operating - Battle Crk Transit, Sec5310</b>	BC Transit service areawide/City of Battle Creek	0.00	New Freedom operating demand response service expansion	\$ 207,524	<b>212169</b>	Non-Infrastructure (NI)
2022	Battle Creek Transit	<b>Transit Operating - Specialized Services FY22</b>	Areawide/Battle Creek/Calhoun County	0.00	Services for elderly & individuals w/disabilities under FY22 SpecSrvcs Prog	\$ 92,624	<b>204665</b>	Non-Infrastructure (NI)
2023	Battle Creek	<b>Capital Ave SW+NE, four segments</b>	Dickman--Fairfield, Weeks--Rebecca, Dickman--Michigan, Michigan--Cherry	3.74	HMA mill & resurface with ADA ramp upgrades	\$ <b>1,152,000</b>	<b>207416</b>	CON
2023	Battle Creek	<b>Roundabout - Skyline Dr and Hill Brady Rd</b>	at intersection of Skyline Dr and Hill Brady Rd, also with Logistics Dr to southeast and planned new entrance to Air National Guard base to the northeast		In connection with the ANG base entrance upgrades, the existing signalized "T" intersection will be changed to a two lane 4-leg roundabout, increasing level of service & safety, and reducing delay & emissions.	\$ <b>2,000,000</b>		CON
2023	Battle Creek	<b>Union Street S</b>	Union Street S, Str #1408 over the Battle Creek River, City of Battle Creek	0.00	Bridge Rehabilitation	\$ <b>2,483,000</b>	<b>212288</b>	CON
2023	Calhoun County	<b>Morgan Rd (O Dr N)</b>	from North Ave (6 Mile Rd) eastward to M-66 (Capital Ave NE)	1.50	Mill & Resurface	\$ 405,964	<b>207393</b>	CON

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2023	Calhoun County	<b>Signal Upgrade - Morgan Rd @ North Ave</b>	Signalized intersection of Morgan Rd and North Ave	0.00	Upgrade/modernize existing signals, including video detection system	\$ 285,000	<b>207469</b>	CON
2023	MDOT	<b>I-194 bridges</b>	over Kalamazoo River, Calhoun County	0.00	Bridge Replacement, Approaches	<b>\$ 17,620,000</b>	<b>210024</b>	CON
2023	MDOT	<b>M-89 (Washington Avenue) bridge</b>	over GTW RR & Kalamazoo River	0.00	Epoxy Overlay, Dk Patch, Full depth patch, substructure Repr, Jts, Appr	<b>\$ 995,000</b>	<b>203293</b>	CON
2023	MDOT	<b>M--96 (Columbia Ave) bridges</b>	over I-194	0.23	Full Depth Deck Patching, Concrete Deep Overlay, Full Paint, Beam Repairs	<b>\$ 2,657,000</b>	<b>208435</b>	CON
2023	Battle Creek Transit	<b>Transit Capital - Battle Creek Transit, Sec5339</b>	Areawide - Battle Creek Transit	0.00	Farebox upgrade (qty up to 25) (combined with FY 2022)	\$ 178,406	<b>208238</b>	Non-Infrastructure (NI)
2023	Battle Creek Transit	<b>Transit Operating - Battle Crk Transit, Fed+Local</b>	Areawide - Battle Creek Transit	0.00	Operating Assistance - FTA Sec5307 and Local	<b>\$ 2,724,626</b>	<b>208191</b>	Non-Infrastructure (NI)
2023	Battle Creek Transit	<b>Transit Operating - Specialized Services FY23</b>	Areawide/Battle Creek/Calhoun County	0.00	Services for elderly & individuals w/disabilities under FY23 SpecSrvcs Prog	\$ 92,624	<b>208269</b>	Non-Infrastructure (NI)
2024	MDOT	<b>I-94 Battle Creek Rest Area - Building Reconstruction</b>	Battle Creek Rest Area on south side of eastbound I-94 between Helmer Rd exit 95 and Capital Ave exit 97	0.00	Reconstruct the Battle Creek Rest Area Building. \$520,000 PE phase obligated 06/03/2021.	<b>\$ 4,500,000</b>	<b>212098</b>	CON
2024	MDOT	<b>M-66 northbound</b>	from Beckley Rd to I-94	0.28	Construct auxiliary lane on M-66 NB between Beckley Rd. and I-94.	\$ 670,000	<b>210822</b>	CON
2025	MDOT	<b>I-94 Battle Creek Rest Area - Landscaping</b>	Battle Creek Rest Area on south side of eastbound I-94 between Helmer Rd exit 95 and Capital Ave exit 97	0.00	Battle Creek Rest Area Landscaping after Rebuild	\$ 65,000	<b>212773</b>	CON
2025	MDOT	<b>M-66</b>	M-66 from Glenn Cross Rd south to Athens Twp Border	13.72	Fixed Object Removal	\$ 286,871	<b>211892</b>	CON
2025	MDOT	<b>M-96/M-37/I-94BL (Helmer Rd)</b>	Helmer Rd between Territorial and Dickman	0.96	Convert 4 lanes to 5 lane section.	<b>\$ 2,446,596</b>	<b>210823</b>	CON
2025	MDOT	<b>Trunkline Non-Freeway Signing</b>	Various trunkline non-freeway routes in the BCATS MPO area	137.12	Non-freeway signing replacement/upgrade,	<b>\$ 1,046,500</b>	<b>202655</b>	CON
2026	MDOT	<b>I-94 Crash Investigation Sites</b>	Along I-94, one site eastbound & one site westbound between Exit 100 and 9 Mi Rd bridge	4.07	Construct two crash investigation sites in Calhoun county	\$ 517,710	<b>211804</b>	CON

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YEAR	RESPONSIBLE AGENCY	PROJECT NAME	LIMITS	LENGTH (miles)	PROJECT DESCRIPTION	TOTAL ESTIMATED AMOUNT (\$)	MDOT JN	PHASE
2024-2045	Local Road Agencies	<b>Annual Pavement Preservation Strategy Local Agencies (75% of STP Urban Local Allocation) (total planned over 2022-45, average \$._M/year)</b>	Capital Preventive Maintenance (CPM) on Federal-aid eligible roadways under jurisdiction of Battle Creek, Calhoun County, Springfield		resurfacing and reconstruction (specific CPM projects for 2022-2023 that are programmed in the current FY20-23 Transportation Improvement Program are included separately in this list)	<b>TBD</b>		CON
2024-2045	MDOT	<b>Annual Pavement Preservation Strategy MDOT (total planned over 2022-45, average \$._M/year)</b>	Capital Preventive Maintenance (CPM) on State system roadways		resurfacing and reconstruction (specific CPM projects for 2022-2023 that are programmed in the current FY20-23 Transportation Improvement Program are included separately in this list)	<b>TBD</b>		CON
2024-2045	Battle Creek Transit & Local Human Services Agencies	<b>Numerous Transit Capital Projects</b>	Areawide / Calhoun County		replacement of transit vehicles & equipment as items are eligible for replacement (Specific transit capital projects for 2022-2023 that are programmed in the current FY20-23 Transportation Improvement Program are included separately in this list. Future planned transit capital projects will be added to this list as details are available)	<b>TBD</b>		Non-Infrastructure (NI)
2022-2045	Battle Creek Transit	<b>Annual Transit Operating Assistance (total expected over 2022-45, average \$._M/year)</b>	for Battle Creek Transit		Federal, State, & Local Operating Assistance. Local \$ includes "farebox revenue" from fares, tokens/tickets, passes, misc transp contracts, Auxiliary Trans Revenues (i.e.advertising), NonTrans Revenues, and contribution from City of Battle Creek general fund.	<b>TBD</b>		Non-Infrastructure (NI)
2022-2045	Battle Creek Transit	<b>Annual Transit Security (total expected over 2022-2045 average \$__,___/year)</b>	for Battle Creek Transit		Security related improvements (1% of Federal operating assistance annually)	<b>TBD</b>		Non-Infrastructure (NI)
2022-2045	Local Human Services Agencies	<b>Annual Specialized Services Transit OPERATING Assistance (total expected over 2022-45, \$._./year.</b>	for local human services agencies - Community Action, Community Inclusive Recreation, Marian Burch Adult DayCare Center. (as of July 2021)		State transit operating assistance "passed thru" Battle Creek Transit to local human services agencies	<b>TBD</b>		Non-Infrastructure (NI)
2022-2045	Local Human Services Agencies	<b>Annual Specialized Services Transit CAPITAL Assistance (total expected over 2022-45, \$__,___/year.</b>	for local human services agencies - Community Action, Community Inclusive Recreation, Marian Burch Adult DayCare Center. (as of July 2021)		Fed Sec 5310 (with match from State) transit capital assistance "passed thru" Battle Creek Transit to local human services agencies	<b>TBD</b>		Non-Infrastructure (NI)