

Summary of Meeting

Michigan Transportation Conformity Interagency Workgroup (MITC- IAWG)
Berrien County Nonattainment Area
Cass County Conformity Area

New 2020 – 2023 TIP and STIP

3 – 4:00 p.m. (EDT), Wednesday, March 27, 2019
TSD 3rd floor, Van Wagoner Transportation Building, Lansing, MI

| <u>Name</u> | <u>Agency</u> |
|-----------------------|---|
| In attendance: | |
| Andy Pickard | Federal Highway Administration (FHWA) |
| Michael Leslie | US Environmental Protection Agency (EPA) |
| Susan Weber | Federal Transit Administration (FTA) |
| Donna Wittl | Michigan Department of Transportation (MDOT) |
| Brandon Kovnat | Southwest Michigan Planning Commission (SWMPC) representing TwinCATS and NATS MPOs |
| Jason Latham | Berrien County Road Department (BCRD) |
| Ryan Gladding | MDOT |
| Amy Lipset | MDOT |
| Jim Sturdevant | MDOT |
| Brad Sharlow | MDOT |
| Katie Beck | MDOT |
| Brian Sanada | MDOT |
| Absent: | |
| Breanna Bukowski | Michigan Department of Environmental Quality (MDEQ) |

Attendance at the meeting was in person or teleconferencing with web linking.

MITC-IAWG for two area.

- 1) Berrien County for 1997 and 2015 ozone standard Nonattainment Area
- 2) Cass County for 1997 ozone standard Conformity Area

The first part of this meeting was to review projects for the NATS 2045 LRTP. The meeting summary for that is separate and projects reviewed during that are attached to that meeting summary. The next part of the meeting was to review projects for:

- Berrien County Nonattainment Area
 - TwinCATS TIP 2020-23
 - NATS TIP 2020-23 (reviewed as part of the NATS 2045 LRTP)
 - STIP 2020-23
- Cass Conformity Area:

- NATS TIP 2020-23 (reviewed as part of the NATS 2045 LRTP)
- STIP 2020-23
- NATS projects listed as outside Berrien & Cass counties (reviewed as part of the NATS 2045 LRTP)

The MITC-IAWG reviewed projects for the new 2020 to 2023 Transportation Improvement Program (TIP) and State Transportation Improvement Program (STIP). A summary for each conformity area is provided below. This meeting summary will be used for both Berrien County Nonattainment Area and Cass County Conformity Area.

The polices for reviewing projects for the areas were sent to the MITC-IAWG before the meeting.

The Berrien County Nonattainment Area

The group discussed the TwinCATS new TIP projects. It was stated the US-31 project was incorrectly labeled as “exempt” in the IAWG spreadsheet for review but has been changed to “non-exempt” with the comment “the project was modeled in the previous conformity analysis.” It was discussed that a method for tracking projects that have been modeled needs to be developed. The STIP projects were reviewed and all were considered exempt. The projects in the NATS new 2020-23 TIP were evaluated for the NATS 2045 LRTP and had not changed, all were deemed exempt.

All projects in Berrien County for the TwinCATS TIP 2020-23, NATS TIP 2020-23, and STIP 2020-23, were determined exempt or had been modeled in a previous analysis. No new conformity analysis is required. See projects in Berrien County attached.

The Cass County Conformity Area

The STIP 2020-2023 projects in Cass County were reviewed and all were considered exempt. Projects in the NATS 2020-2023 TIP had been evaluated for the NATS 2045 LRTP and projects had not changed; all were deemed exempt. Projects were also reviewed that were part of the NATS TIP, but the county was indicated as Kalamazoo or St. Joseph because part of these projects are within the NATS MPO; all were considered exempt.

All projects in Cass County for the NATS TIP 2020-23 and STIP 2020-23, were determined exempt or had been modeled in a previous analysis. No new conformity analysis is required, the previous analysis completed for the NATS 2045 LRTP is still applicable. See projects in Cass County attached.

Twin Cities Area Transportation Study (TwinCATS) Transportation Improvement Program (TIP) 2020-23

| Fiscal Year | Job Type | Job# | MPO | County | Responsible Agency | Project Name | Limits | Length | Primary Work Type | Project Description | Air Quality | Air Quality comment | Phase | Fed Estimated Amount | State Estimated | Local Estimated Amount | Total Estimated Amount | Fund Source |
|-------------|-------------|--------|----------|-----------|---------------------------------|---|---|--------|-------------------------------------|--|-------------|-------------------------------------|-------|----------------------|-----------------|------------------------|------------------------|-------------|
| 2020 | Multi-Modal | 203914 | TWINCATS | Berrien | Twin Cities Area Transportation | Highland Ave | TCATA | 0 | 3000-Operating Assistance | JARC grant | exempt | | NI | 0 | 386000 | 0 | 386000 | CTF |
| 2023 | Trunkline | 128907 | TWINCATS | Berrien | MDOT | I-94 WB | I-196 to 0.7 miles west of M-140 | 5.375 | Road Rehabilitation | Repair Existing & Multiple Course HMA Overlay | exempt | | CON | 15750000 | 1750000 | 0 | 17500000 | IM |
| 2020 | Trunkline | 130008 | TWINCATS | Berrien | MDOT | I-94 E | Britain Avenue to I-196 | 5.415 | Reconstruction | Reconstruction of I-94 and partial interchange. | exempt | modeled in last conformity analysis | CON | 66859875 | 7428875 | 0 | 74288750 | IM |
| 2020 | Local | 130787 | TWINCATS | Berrien | Berrien County | W Marquette Woods Rd | 150 feet East and West of Hickory Creek | 0 | Bridge Replacement | Replace existing bridge over Hickory Creek. | exempt | | CON | 485000 | 0 | 379000 | 864000 | STUL |
| 2020 | Local | 130865 | TWINCATS | Berrien | Berrien County | Napier Ave | I-94 west 4300 feet | 0.772 | Resurface | Mill and fill with ADA ramps as required | exempt | | CON | 471000 | 0 | 104100 | 575100 | STUL |
| 2022 | Trunkline | 131843 | TWINCATS | Berrien | MDOT | I-94 | St. Joseph River to Britain Avenue. | 4.086 | Reconstruction | Reconstruction and Hot Mix Asphalt Resurfacing | exempt | | CON | 43015666 | 4779518 | 0 | 47795184 | IM |
| 2022 | Trunkline | 132664 | TWINCATS | Berrien | MDOT | I-94 WB | Pipestone Road (Exit 29) | 0.531 | Major Widening | Ramp Reconstruction | exempt | modeled in last conformity analysis | CON | 1473300 | 326700 | 0 | 1800000 | CM |
| 2022 | Trunkline | 132824 | TWINCATS | Berrien | MDOT | I-94 EB | I-94 BL (Exit 23) to the St. Joseph River | 6.352 | Reconstruction | Reconstruction | exempt | | ROW | 22500 | 2500 | 0 | 25000 | IM |
| 2023 | Local | 200086 | TWINCATS | Berrien | Berrien County | W Napier Ave | Broadway Avenue to 3700 Feet East of St. Joseph River | 0.525 | Road Capital Preventive Maintenance | Mill and Fill. ADA sidewalk ramp upgrades as required. | exempt | | CON | 256000 | 0 | 64000 | 320000 | STUL |
| 2020 | Trunkline | 200366 | TWINCATS | Cass | MDOT | M-60 E | US12 (Buffalo) @ Whittaker M51 (Front) @ Prairie Ronde US12 (Ash) @ Elm M63 (NILES) @ WASHINGTON AVE | 0 | Traffic Safety | Traffic Signal Modernizations; connected vehicle installations. | exempt | | CON | 856160 | 0 | 0 | 856160 | STG |
| 2022 | Trunkline | 200684 | TWINCATS | Berrien | MDOT | M-139 | Over Buckhorn Creek, north of Rocky Weed Rd. | 0.191 | Reconstruction | Culvert Replacemet and Road Reconstruction | exempt | | CON | 1072502 | 237825 | 0 | 1310327 | NH |
| 2022 | Trunkline | 200693 | TWINCATS | Kalamazoo | MDOT | E Kilgore Rd | M139 AT PIPESTONE RD I94BL (MAIN) @ M139 (FAIR) | 0 | Traffic Safety | Installation of detection for actuation | exempt | | CON | 55286 | 6143 | 0 | 61429 | HSIP |
| 2022 | Trunkline | 201978 | TWINCATS | Berrien | MDOT | US-31 | Exit 24, SW quadrant of interchange. | 0 | Roadside Facilities - Preserve | Resurface existing carpool lot. | exempt | | CON | 36833 | 8168 | 0 | 45000 | ST |
| 2023 | Local | 202019 | TWINCATS | Berrien | Bridgman | Lake Street | Church Street to Gast Road | 0.499 | Road Rehabilitation | Crush and shape. | exempt | | CON | 440000 | 0 | 111000 | 551000 | STUL |
| 2020 | Local | 202463 | TWINCATS | Berrien | Berrien County | E Napier Ave | Napier Avenue at Crystal Avenue, Benton Township | 0.637 | Traffic Safety | Traffic signal modernization | exempt | | CON | 160000 | 0 | 0 | 160000 | CMG |
| 2023 | Local | 202589 | TWINCATS | Berrien | Berrien County | E John Beers Rd | Eidson Road to M-139 | 0.576 | Road Capital Preventive Maintenance | Resurface | exempt | | CON | 224000 | 0 | 56000 | 280000 | STUL |
| 2020 | Trunkline | 203698 | TWINCATS | Berrien | MDOT | M-139 | Various Crack Seal Locations | 33.301 | Road Capital Preventive Maintenance | Overband Crack Fill | exempt | | CON | 64452 | 14148 | 0 | 78600 | ST |
| 2020 | Trunkline | 204423 | TWINCATS | Berrien | MDOT | Various | Signing Update, Signing Updates | 0.357 | Traffic Safety | Cantilevers Replacement Project | exempt | | CON | 230000 | 0 | 0 | 230000 | STG |
| 2020 | Local | 204649 | TWINCATS | Berrien | Berrien County | S Roosevelt Rd | South Roosevelt Road from Hidden Pines Trail to Marquette Woods | 0.306 | New Facilities | South Roosevelt Road non-motorized trail | exempt | | CON | 84254 | | | 84254 | CM |
| 2021 | Local | 204649 | TWINCATS | Berrien | Berrien County | S Roosevelt Rd | South Roosevelt Road from Hidden Pines Trail to Marquette Woods | 0.306 | New Facilities | South Roosevelt Road non-motorized trail | exempt | | CON | 189604 | | | 189604 | CM |
| 2021 | Trunkline | 205077 | TWINCATS | Van Buren | MDOT | I-94 | I-94 west of VanBuren County | 38.481 | ITS Applications | Variable Advisory Speed Limit System along I-94 in VanBuren Co. | exempt | | CON | 356624 | 78283 | 0 | 434907 | NH |
| 2020 | Trunkline | 205792 | TWINCATS | Berrien | MDOT | US-31 | North of Napier Avenue (Exit 24) to I-94 | 1.904 | New Roads | New Freeway | exempt | | CON | 31902290 | 7074241 | 0 | 38976530 | NH |
| 2020 | Trunkline | 206006 | TWINCATS | Kalamazoo | MDOT | Southwest Regionwide Pvmt Mrkg Retro Readings | All of TWINCATS MPO | 3.199 | Traffic Safety | Pvmt mrkg retroreflectivity readings on trunklines in Southwest Region | exempt | | CON | 1199 | 133 | 0 | 1332 | HSIP |

| Fiscal Year | Job Type | Job# | MPO | County | Responsible Agency | Project Name | Limits | Length | Primary Work Type | Project Description | Air Quality | Air Quality comment | Phase | Fed Estimated Amount | State Estimated | Local Estimated Amount | Total Estimated Amount | Fund Source |
|-------------|-------------|--------|----------|-----------|---|--|---|--------|-------------------------------------|---|-------------|---------------------|-------|----------------------|-----------------|------------------------|------------------------|-------------|
| 2021 | Local | 206268 | TWINCATS | Berrien | Berrien County | W Marquette Woods Rd | S. Roosevelt to Cleveland Avenue | 0.498 | Road Capital Preventive Maintenance | Resurface existing HMA surface.. | exempt | | CON | 325000 | 0 | 95000 | 420000 | STUL |
| 2023 | Local | 206268 | TWINCATS | Berrien | Berrien County | W Marquette Woods Rd | S. Roosevelt to Cleveland Avenue | 0.498 | Road Capital Preventive Maintenance | Resurface existing HMA surface.. | exempt | | CON | 50000 | | | 50000 | STUL |
| 2022 | Local | 206272 | TWINCATS | Berrien | Benton Harbor | E Empire Ave | Pipestone Road to East City Limits | 0.192 | Reconstruction | Reconstruction | exempt | | CON | 339000 | 0 | 178000 | 517000 | STUL |
| 2023 | Local | 206272 | TWINCATS | Berrien | Benton Harbor | E Empire Ave | Pipestone Road to East City Limits | 0.192 | Reconstruction | Reconstruction | exempt | | CON | 45000 | | | 45000 | STUL |
| 2021 | Local | 206274 | TWINCATS | Berrien | St. Joseph | Langley Ave | Napier Avenue to Miller Dr. | 0.463 | Reconstruction | Full Reconstruction | exempt | | CON | 650000 | 0 | 1825000 | 2475000 | STUL |
| 2022 | Local | 206276 | TWINCATS | Berrien | Stevensville | Red Arrow Hwy | John Beers Rd to 1,250 ft. south of Johnson Rd | 0.777 | Road Rehabilitation | Mill and apply 2" HMA. | exempt | | CON | 656000 | 0 | 146375 | 802375 | STUL |
| 2021 | Local | 206506 | TWINCATS | Berrien | Berrien County | W Napier Ave | Napier Avenue between Miami Road and Colfax Avenue | 0.723 | New Facilities | Construct Non-motorized parth | exempt | | CON | 393858 | 0 | 106142 | 500000 | CM |
| 2022 | Local | 206525 | TWINCATS | Berrien | St. Joseph | Langley Ave | Langley Avenue from Napier Avenue to Miller Street | 0.463 | New Facilities | Construct Non-Motorized Path | exempt | | CON | 100000 | 0 | 39450 | 139450 | CM |
| 2020 | Trunkline | 206546 | TWINCATS | Kalamazoo | MDOT | Southwest Regionwide Longitudinal Pavement Marking | All of TWINCATS MPO | 2.372 | Traffic Safety | Longitudinal pavement marking application on trunklines in Southwest Region | exempt | | PE | 500 | 56 | 0 | 555 | HSIP |
| 2020 | Trunkline | 206546 | TWINCATS | Kalamazoo | MDOT | Southwest Regionwide Longitudinal Pavement Marking | All of TWINCATS MPO | 2.372 | Traffic Safety | Longitudinal pavement marking application on trunklines in Southwest Region | exempt | | CON | 181818 | 20202 | 0 | 202020 | HSIP |
| 2020 | Trunkline | 206547 | TWINCATS | Kalamazoo | MDOT | Southwest Regionwide Special Pavement Markings | All of TWINCATS MPO | 3.756 | Traffic Safety | Special pavement marking application on trunklines in Southwest Region | exempt | | PE | 500 | 56 | 0 | 555 | HSIP |
| 2020 | Trunkline | 206547 | TWINCATS | Kalamazoo | MDOT | Southwest Regionwide Special Pavement Markings | All of TWINCATS MPO | 3.756 | Traffic Safety | Special pavement marking application on trunklines in Southwest Region | exempt | | CON | 44955 | 4995 | 0 | 49950 | HSIP |
| 2023 | Local | 206615 | TWINCATS | Berrien | Benton Harbor | Pipestone St | Intersection of Pipestone Street & Market Street | 0.268 | Traffic Safety | Traffic singal replacement | exempt | | CON | 218517 | 0 | 74998 | 293515 | CM |
| 2020 | Local | 207218 | TWINCATS | Berrien | Berrien County | Linco Road | Linco Road from east of Hollywood Road to west of Garr Road, Berrien County | 2.334 | Traffic Safety | Install guardrail | exempt | | CON | 392055 | 0 | 43562 | 435617 | HRRR |
| 2022 | Multi-Modal | 207266 | TWINCATS | Berrien | Twin Cities Area Transportation Authority | Transit Capital | TCATA service area | 0 | 1170-Other Capital Items (Bus) | Last mile service | exempt | | NI | 99270 | 24818 | 0 | 124088 | 5339 |
| 2021 | Trunkline | 207293 | TWINCATS | Kalamazoo | MDOT | Southwest Regionwide Longitudinal Pavement Marking | All of TWINCATS MPO | 2.372 | Traffic Safety | Longitudinal pavement marking application on trunklines in Southwest Region | exempt | | PE | 999 | 111 | 0 | 1110 | HSIP |
| 2021 | Trunkline | 207293 | TWINCATS | Kalamazoo | MDOT | Southwest Regionwide Longitudinal Pavement Marking | All of TWINCATS MPO | 2.372 | Traffic Safety | Longitudinal pavement marking application on trunklines in Southwest Region | exempt | | CON | 207792 | 23088 | 0 | 230880 | HSIP |
| 2021 | Trunkline | 207295 | TWINCATS | Kalamazoo | MDOT | Southwest Regionwide Special Pavement Markings | All of TWINCATS MPO | 2.747 | Traffic Safety | Special pavement marking application on trunklines in Southwest Region | exempt | | PE | 999 | 111 | 0 | 1110 | HSIP |
| 2021 | Trunkline | 207295 | TWINCATS | Kalamazoo | MDOT | Southwest Regionwide Special Pavement Markings | All of TWINCATS MPO | 2.747 | Traffic Safety | Special pavement marking application on trunklines in Southwest Region | exempt | | CON | 35964 | 3996 | 0 | 39960 | HSIP |
| 2021 | Trunkline | 207313 | TWINCATS | Kalamazoo | MDOT | Southwest Regionwide Retroreflectivity Readings | All of TWINCATS MPO | 1.389 | Traffic Safety | Pvmt Marking Retroreflectivity Readings on trunklines in Southwest Region | exempt | | CON | 1099 | 122 | 0 | 1221 | HSIP |

| Fiscal Year | Job Type | Job# | MPO | County | Responsible Agency | Project Name | Limits | Length | Primary Work Type | Project Description | Air Quality | Air Quality comment | Phase | Fed Estimated Amount | State Estimated | Local Estimated Amount | Total Estimated Amount | Fund Source |
|-------------|-------------|--------|----------|-----------|---|--|--|--------|--|---|-------------|---------------------|-------|----------------------|-----------------|------------------------|------------------------|-------------|
| 2022 | Trunkline | 207328 | TWINCATS | Kalamazoo | MDOT | Southwest Regionwide Longitudinal Pavement Marking | All of TWINCATS MPO | 1.309 | Traffic Safety | Longitudinal pavement marking application on trunklines in Southwest Region | exempt | | PE | 999 | 111 | 0 | 1110 | HSIP |
| 2022 | Trunkline | 207328 | TWINCATS | Kalamazoo | MDOT | Southwest Regionwide Longitudinal Pavement Marking | All of TWINCATS MPO | 1.309 | Traffic Safety | Longitudinal pavement marking application on trunklines in Southwest Region | exempt | | CON | 212787 | 23643 | 0 | 236430 | HSIP |
| 2022 | Trunkline | 207329 | TWINCATS | Kalamazoo | MDOT | Southwest Regionwide Special Pavement Markings | All of TWINCATS MPO | 2.829 | Traffic Safety | Special pavement marking application on trunklines in Southwest Region | exempt | | PE | 999 | 111 | 0 | 1110 | HSIP |
| 2022 | Trunkline | 207329 | TWINCATS | Kalamazoo | MDOT | Southwest Regionwide Special Pavement Markings | All of TWINCATS MPO | 2.829 | Traffic Safety | Special pavement marking application on trunklines in Southwest Region | exempt | | CON | 45954 | 5106 | 0 | 51060 | HSIP |
| 2022 | Trunkline | 207341 | TWINCATS | Kalamazoo | MDOT | Southwest Regionwide Retroreflectivity Readings | All of TWINCATS MPO | 1.645 | Traffic Safety | Pavement mrkg retroreflectivity readings on trunklines in Southwest Region | exempt | | CON | 1099 | 122 | 0 | 1221 | HSIP |
| 2023 | Trunkline | 207365 | TWINCATS | Kalamazoo | MDOT | Southwest Regionwide Longitudinal Pavement Mrkgs | All of TWINCATS MPO | 0.978 | Traffic Safety | Longitudinal pavement marking application on trunklines in Southwest Region | exempt | | PE | 999 | 111 | 0 | 1110 | HSIP |
| 2023 | Trunkline | 207365 | TWINCATS | Kalamazoo | MDOT | Southwest Regionwide Longitudinal Pavement Mrkgs | All of TWINCATS MPO | 0.978 | Traffic Safety | Longitudinal pavement marking application on trunklines in Southwest Region | exempt | | CON | 212787 | 23643 | 0 | 236430 | HSIP |
| 2023 | Trunkline | 207367 | TWINCATS | Kalamazoo | MDOT | Southwest Regionwide Special Pavement Markings | All of TWINCATS MPO | 1.191 | Traffic Safety | Special pavement marking application on trunklines in Southwest Region | exempt | | PE | 999 | 111 | 0 | 1110 | HSIP |
| 2023 | Trunkline | 207367 | TWINCATS | Kalamazoo | MDOT | Southwest Regionwide Special Pavement Markings | All of TWINCATS MPO | 1.191 | Traffic Safety | Special pavement marking application on trunklines in Southwest Region | exempt | | CON | 55944 | 6216 | 0 | 62160 | HSIP |
| 2023 | Trunkline | 207378 | TWINCATS | Kalamazoo | MDOT | Southwest Regionwide Retroreflectivity Readings | All of TWINCATS MPO | 1.721 | Traffic Safety | Pvmt marking retroreflectivity readings on trunklines in Southwest Region | exempt | | CON | 1099 | 122 | 0 | 1221 | HSIP |
| 2022 | Trunkline | 207433 | TWINCATS | Kalamazoo | MDOT | I-94 E | I-94, I-196 Existing DMS | 0 | ITS Applications | Install seventeen (17) CCTV cameras on existing DMS. | exempt | | PE | 6775 | 1487 | 0 | 8262 | NH |
| 2023 | Trunkline | 207433 | TWINCATS | Kalamazoo | MDOT | I-94 E | I-94, I-196 Existing DMS | 0 | ITS Applications | Install seventeen (17) CCTV cameras on existing DMS. | exempt | | CON | 32944 | 7232 | 0 | 40176 | NH |
| 2021 | Local | 207717 | TWINCATS | Berrien | Berrien County | West Napier Avenue | West Napier Avenue over St. Joseph River, Str# 975, Berrien County | 0 | Bridge CPM | Miscellaneous Bridge Capital Preventative Maintenance | exempt | | CON | 734000 | 0 | 734000 | 1468000 | BHT |
| 2020 | Multi-Modal | 203909 | TWINCATS | Berrien | Twin Cities Area Transportation Authority | Transit Capital | TCATA | 0 | SP1602-New Freedom mobility management | FY 2020 Mobility Manager funded by 5310 | exempt | | NI | 60000 | 15000 | 0 | 75000 | 5310 |
| 2020 | Multi-Modal | 203912 | TWINCATS | Berrien | Twin Cities Area Transportation Authority | Transit Capital | TCATA | 0 | SP1101-<30 foot replacement bus with or without lift | Transit Vehicle Replacements | exempt | | NI | 210000 | 52500 | 0 | 262500 | CM |
| 2021 | Multi-Modal | 206623 | TWINCATS | Berrien | Twin Cities Area Transportation Authority | Transit Capital | TCATA | 0 | SP1101-<30 foot replacement bus with or without lift | Repalce 4 buses in FY 2021 using CMAQ (CM) funding | exempt | | NI | 304000 | 76000 | 0 | 380000 | CM |
| 2022 | Multi-Modal | 206629 | TWINCATS | Berrien | Twin Cities Area Transportation Authority | Transit Capital | TCATA | 0 | SP1101-<30 foot replacement bus with or without lift | Replace 1 bus | exempt | | NI | 80000 | 20000 | 0 | 100000 | CM |
| 2023 | Multi-Modal | 206632 | TWINCATS | Berrien | Twin Cities Area Transportation Authority | Transit Capital | TCATA | 0 | SP1101-<30 foot replacement bus with or without lift | Replace 2 buses in FY 2023 using CMAQ funds | exempt | | NI | 168000 | 42000 | 0 | 210000 | CM |
| 2020 | Multi-Modal | 207199 | TWINCATS | Berrien | Twin Cities Area Transportation Authority | Transit Capital | TCATA Service Area | 0 | SP1101-<30 foot replacement bus with or without lift | Purchase three buses | exempt | | NI | 223200 | 55800 | 0 | 279000 | 5307 |
| 2020 | Multi-Modal | 207207 | TWINCATS | Berrien | Twin Cities Area Transportation Authority | Transit Capital | TCATA service area | 0 | SP1101-<30 foot replacement bus with or without lift | FY 2020 Transit Capital using 5339 Funding | exempt | | NI | 74400 | 18600 | 0 | 93000 | 5339 |

| Fiscal Year | Job Type | Job# | MPO | County | Responsible Agency | Project Name | Limits | Length | Primary Work Type | Project Description | Air Quality | Air Quality comment | Phase | Fed Estimated Amount | State Estimated | Local Estimated Amount | Total Estimated Amount | Fund Source |
|-------------|-------------|--------|----------|---------|---|-------------------|---------------------------------|--------|--|---|-------------|---------------------|-------|----------------------|-----------------|------------------------|------------------------|-------------|
| 2020 | Multi-Modal | 207207 | TWINCATS | Berrien | Twin Cities Area Transportation Authority | Transit Capital | TCATA service area | 0 | SP1203-admin/maintenance facility improvements | FY 2020 Transit Capital using 5339 Funding | exempt | | NI | 31246 | 7812 | 0 | 39058 | 5339 |
| 2021 | Multi-Modal | 207214 | TWINCATS | Berrien | Twin Cities Area Transportation Authority | Highland Ave | TCATA service area | 0 | SP1203-admin/maintenance facility improvements | Transit Capital in FY 2021 using 5307 funds | exempt | | NI | 44800 | 11200 | 0 | 56000 | 5307 |
| 2021 | Multi-Modal | 207216 | TWINCATS | Berrien | Twin Cities Area Transportation Authority | Transit Capital | TCATA service area | 0 | SP1101-<30 foot replacement bus with or without lift | Transit Capital in FY 2021 usinf 5339 funds | exempt | | NI | 74400 | 18600 | 0 | 93000 | 5339 |
| 2021 | Multi-Modal | 207216 | TWINCATS | Berrien | Twin Cities Area Transportation Authority | Transit Capital | TCATA service area | 0 | SP1203-admin/maintenance facility improvements | Transit Capital in FY 2021 usinf 5339 funds | exempt | | NI | 24960 | 6240 | 0 | 31200 | 5339 |
| 2022 | Multi-Modal | 207274 | TWINCATS | Berrien | Twin Cities Area Transportation Authority | Transit Capital | TCATA service area | 0 | SP1203-admin/maintenance facility improvements | Facilities improvements in FY 2022 using 5307 funds | exempt | | NI | 44800 | 11200 | 0 | 56000 | 5307 |
| 2023 | Multi-Modal | 207278 | TWINCATS | Berrien | Twin Cities Area Transportation Authority | Transit Capital | TCATA service area | 0 | SP1203-admin/maintenance facility improvements | Facilities improvements in FY 2023 using 5339 funds | exempt | | NI | 30000 | 7500 | 0 | 37500 | 5339 |
| 2023 | Multi-Modal | 207278 | TWINCATS | Berrien | Twin Cities Area Transportation Authority | Transit Capital | TCATA service area | 0 | SP1403-office equipment (copier, office furniture, etc.) | Facilities improvements in FY 2023 using 5339 funds | exempt | | NI | 28000 | 7000 | 0 | 35000 | 5339 |
| 2023 | Multi-Modal | 207278 | TWINCATS | Berrien | Twin Cities Area Transportation Authority | Transit Capital | TCATA service area | 0 | SP1406-security equipment - facilities | Facilities improvements in FY 2023 using 5339 funds | exempt | | NI | 23040 | 5760 | 0 | 28800 | 5339 |
| 2023 | Multi-Modal | 207278 | TWINCATS | Berrien | Twin Cities Area Transportation Authority | Transit Capital | TCATA service area | 0 | SP1206-Bus terminal facility improvements | Facilities improvements in FY 2023 using 5339 funds | exempt | | NI | 24458 | 6115 | 0 | 30573 | 5339 |
| 2020 | Multi-Modal | 206511 | TWINCATS | Berrien | Twin Cities Area Transportation Authority | Transit Operating | TCATA Service Area | 0 | SP3000-operating except JARC and New Freedom | Operating Expenses | exempt | | NI | 847904 | 322221 | 525725 | 1695850 | 5307 |
| 2020 | Multi-Modal | 207194 | TWINCATS | Berrien | Twin Cities Area Transportation Authority | Transit Operating | TCATA Service Area | 0 | 3000-Operating Assistance | Operating expenses | exempt | | NI | 847900 | 322221 | 525729 | 1695850 | 5307 |
| 2021 | Multi-Modal | 207212 | TWINCATS | Berrien | Twin Cities Area Transportation Authority | Transit Operating | TCATA service area | 0 | 3000-Operating Assistance | Operating expenses | exempt | | NI | 1057949 | 402021 | 655928 | 2115898 | 5307 |
| 2022 | Multi-Modal | 207268 | TWINCATS | Berrien | Twin Cities Area Transportation Authority | Transit Operating | TCATA service area | 0 | 3000-Operating Assistance | Operating Expenses | exempt | | NI | 1090480 | 414382 | 676098 | 2180960 | 5307 |
| 2022 | Multi-Modal | 207277 | TWINCATS | Berrien | Twin Cities Area Transportation Authority | Transit Operating | Areawide | 0 | SP05-Local Bus Operating | 2022 section 5307 - Operating expenses | exempt | | NI | 1064042 | 888500 | 385000 | 2337542 | 5307 |
| 2020 | Trunkline | 203692 | TWINCATS | Berrien | MDOT | I-94BL | I-94 to Glenlord Road | 1.104 | Road Capital Preventive Maintenance | Mill and One Course Hot Mix Asphalt Overlay | exempt | | CON | 434439 | 96336 | 0 | 530775 | NH |
| 2020 | Trunkline | 203693 | TWINCATS | Berrien | MDOT | I-94BL | St. Joseph River to Fair Avenue | 1.783 | Road Capital Preventive Maintenance | Single Course Micro-Surfacing | exempt | | CON | 296733 | 65800 | 0 | 362533 | NH,HIPS |

State Transportation Improvement Program (STIP) 2020-23 Berrien County

| Fiscal Year | Job Type | Job# | MPO | County | Responsible Agency | Project Name | Limits | Length | Primary Work Type | Project Description | Air Quality | Air Quality comment | Phase | Fed Estimated Amount | State Estimated | Local Estimated Amount | Total Estimated Amount | Fund Source |
|-------------|-----------|--------|-------|---------|--------------------|--------------|---|--------|-------------------------------|---------------------|-------------|---------------------|-------|----------------------|-----------------|------------------------|------------------------|-------------|
| 2020 | Local | 133172 | Rural | Berrien | Berrien Springs | Snow Rd. | US - 31 to 1500 feet west of Red Bud Trail. | 0.118 | Road Rehabilitation | Resurfacing. | exempt | | CON | 375000 | 0 | 93750 | 468750 | STUL |
| 2020 | Trunkline | 51268 | Rural | Berrien | MDOT | I-94 WB | Watervliet Township | 0.724 | Roadside Facilities - Improve | New facility | exempt | Phase Suspended | CON | 4135096 | 459455 | 0 | 4216423 | IM |

| Fiscal Year | Job Type | Job# | MPO | County | Responsible Agency | Project Name | Limits | Length | Primary Work Type | Project Description | Air Quality | Air Quality comment | Phase | Fed Estimated Amount | State Estimated | Local Estimated Amount | Total Estimated Amount | Fund Source |
|-------------|-----------|--------|-----------|---------|--|--------------------|--|--------|-------------------------------------|--|-------------|---------------------|-------|----------------------|-----------------|------------------------|------------------------|-------------|
| 2023 | Trunkline | 200532 | Rural | Berrien | MDOT | I-94 | Over Squaw Creek, south of US-12 | 2.232 | Road Rehabilitation | Culvert Replacement Design | exempt | Phase Abandoned | CON | 14040000 | 1560000 | 0 | 15600000 | IM |
| 2020 | Local | 203259 | STATEWIDE | Berrien | Southwest Michigan Planning Commission | Berrien Countywide | Berrien Countywide | 0 | Operation Improvements | 2020 Berrien County Rideshare Program | exempt | | NI | 12000 | 0 | 0 | 12000 | CMG |
| 2020 | Trunkline | 203698 | Rural | Berrien | MDOT | M-139 | Various Crack Seal Locations | 33.301 | Road Capital Preventive Maintenance | Overband Crack Fill | exempt | | CON | 83651 | 18363 | 0 | 102014 | ST |
| 2020 | Local | 206398 | Rural | Berrien | Berrien County | S Red Arrow Hwy | Community Hall Road to Berrien Street | 1.282 | Reconstruction | Intersection Improvement Project at Union Pier Road | exempt | | CON | 0 | 108176 | 0 | 108176 | EDD |
| 2020 | Local | 206398 | Rural | Berrien | Berrien County | S Red Arrow Hwy | Community Hall Road to Berrien Street | 1.282 | Reconstruction | Intersection Improvement Project at Union Pier Road | exempt | | CON | 772000 | 0 | 119824 | 891824 | STL |
| 2021 | Local | 206402 | Rural | Berrien | Berrien County | Red Arrow Hwy | 3000 feet Northeast of Harbert Road to 2000 feet Southwest of Harbert Road | 0.947 | Reconstruction | Intersection Improvement Project at Harbert Road | exempt | | CON | 0 | 108176 | 0 | 108176 | EDD |
| 2021 | Local | 206402 | Rural | Berrien | Berrien County | Red Arrow Hwy | 3000 feet Northeast of Harbert Road to 2000 feet Southwest of Harbert Road | 0.947 | Reconstruction | Intersection Improvement Project at Harbert Road | exempt | | CON | 788000 | 0 | 103824 | 891824 | STL |
| 2022 | Local | 206404 | Rural | Berrien | Berrien County | S Red Arrow Hwy | Cherry Beach Road to Sawyer Road, Berrien County | 1.379 | Road Rehabilitation | Milling and two course asphalt resurfacing | exempt | | CON | 0 | 108176 | 0 | 108176 | EDD |
| 2022 | Local | 206404 | Rural | Berrien | Berrien County | S Red Arrow Hwy | Cherry Beach Road to Sawyer Road, Berrien County | 1.379 | Road Rehabilitation | Milling and two course asphalt resurfacing | exempt | | CON | 803000 | 0 | 103824 | 906824 | STL |
| 2023 | Local | 206408 | Rural | Berrien | Berrien County | Red Arrow Hwy | Lakeside Road to Lakeshore Road | 1.45 | Road Rehabilitation | Milling and two coarse asphalt resurfacing | exempt | | CON | 0 | 108176 | 0 | 108176 | EDD |
| 2023 | Local | 206408 | Rural | Berrien | Berrien County | Red Arrow Hwy | Lakeside Road to Lakeshore Road | 1.45 | Road Rehabilitation | Milling and two coarse asphalt resurfacing | exempt | | CON | 820000 | 0 | 103824 | 923824 | STL |
| 2023 | Trunkline | 204327 | Rural | Berrien | MDOT | I-94 | over Hennessy Road | 0 | Bridge CPM | Epoxy Ovly, Repl Expansion Joint, Reseal End Joints, Substr patching, Appr | exempt | | CON | 341033 | 37893 | 0 | 378926 | IM |
| 2021 | Trunkline | 203697 | Rural | Berrien | MDOT | US-12 | Monroe Street to Red Arrow Highway Intersection | 1.957 | Road Capital Preventive Maintenance | Mill and One Course Hot Mix Asphalt Overlay | exempt | | CON | 836974 | 185596 | 0 | 1022570 | ST |

State Transportation Improvement Program (STIP) 2020-23 Cass County

| Fiscal Year | Job Type | Job# | MPO | County | Responsible Agency | Project Name | Limits | Length | Primary Work Type | Project Description | Air Quality | Air Quality comment | Phase | Fed Estimated Amount | State Estimated | Local Estimated Amount | Total Estimated Amount | Fund Source |
|-------------|----------|--------|-------|--------|--|-------------------------|---|--------|------------------------|------------------------------------|-------------|---------------------|-------|----------------------|-----------------|------------------------|------------------------|-------------|
| 2020 | Local | 203261 | Rural | Cass | Southwest Michigan Planning Commission | Cass County | Cass Countywide | 0 | Operation Improvements | 2019 Cass County Rideshare Program | exempt | | NI | 12000 | 0 | 0 | 12000 | CMG |
| 2020 | Local | 129856 | Rural | Cass | Cass County | Cassopolis Road | Cassopolis Road: Bullhand to Calvin Hill | 1 | Road Rehabilitation | Resurface | exempt | | CON | 0 | 18800 | 0 | 18800 | EDD |
| 2020 | Local | 129856 | Rural | Cass | Cass County | Cassopolis Road | Cassopolis Road: Bullhand to Calvin Hill | 1 | Road Rehabilitation | Resurface | exempt | | CON | 75200 | 0 | 26000 | 101200 | STL |
| 2020 | Local | 129858 | Rural | Cass | Cass County | Dutch Settlement Street | Goff to Savage | 0.939 | Road Rehabilitation | Resurface | exempt | | CON | 0 | 18800 | 0 | 18800 | EDD |
| 2020 | Local | 129858 | Rural | Cass | Cass County | Dutch Settlement Street | Goff to Savage | 0.939 | Road Rehabilitation | Resurface | exempt | | CON | 75200 | 0 | 22000 | 97200 | STL |
| 2020 | Local | 129855 | Rural | Cass | Cass County | Various Locations | Countywide | 0.001 | Traffic Safety | Traffic ops/safety | exempt | | CON | 75000 | 0 | 0 | 75000 | STL |
| 2020 | Local | 129857 | Rural | Cass | Cass City | Dailey Road | M-60 southward 0.8 miles | 0.8 | Road Rehabilitation | Resurface | exempt | | CON | 72960 | 18240 | 0 | 91200 | STL |
| 2020 | Local | 202429 | Rural | Cass | Cass County | Calvin Hill St | Various bridges, Capital Preventative Maintenance | 0 | Bridge CPM | Capital Preventative Maintenance | exempt | | CON | 29600 | 5550 | 1850 | 37000 | BHT |
| 2020 | Local | 202429 | Rural | Cass | Cass County | Calvin Hill St | Various bridges, Capital Preventative Maintenance | 0 | Bridge CPM | Capital Preventative Maintenance | exempt | | CON | 41600 | 7800 | 2600 | 52000 | BHT |
| 2020 | Local | 202429 | Rural | Cass | Cass County | Calvin Hill St | Various bridges, Capital Preventative Maintenance | 0 | Bridge CPM | Capital Preventative Maintenance | exempt | | CON | 54400 | 10200 | 3400 | 68000 | BHT |

| Fiscal Year | Job Type | Job# | MPO | County | Responsible Agency | Project Name | Limits | Length | Primary Work Type | Project Description | Air Quality | Air Quality comment | Phase | Fed Estimated Amount | State Estimated | Local Estimated Amount | Total Estimated Amount | Fund Source |
|-------------|-------------|--------|-------|--------|----------------------|-----------------------------------|--|---------|-------------------------------------|---|-------------|---------------------|-------|----------------------|-----------------|------------------------|------------------------|-------------|
| 2020 | Local | 202431 | Rural | Cass | Cass County | Chain Lake St and Northrop Street | Chain Lake Street and Northrop Street over Christiana Creek, Cass County | 0 | Bridge CPM | Miscellaneous Bridge Capital Preventative Maintenance | exempt | | CON | 28000 | 5250 | 1750 | 35000 | BO |
| 2020 | Local | 202431 | Rural | Cass | Cass County | Chain Lake St and Northrop Street | Chain Lake Street and Northrop Street over Christiana Creek, Cass County | 0 | Bridge CPM | Miscellaneous Bridge Capital Preventative Maintenance | exempt | | CON | 28000 | 5250 | 1750 | 35000 | BO |
| 2020 | Local | 202438 | Rural | Cass | Cass County | O Keefe Rd | O'Keefe Road over Dowagiac Creek, Str#1447, Cass County | 0 | Bridge Replacement | Bridge Replacement | exempt | | CON | 1031200 | 193350 | 64450 | 1289000 | BRT |
| 2020 | Trunkline | 202654 | Rural | Cass | MDOT | M-40 | Signing Update | 124.122 | Traffic Safety | Non-freeway signing | exempt | | PE | 300000 | 0 | 0 | 300000 | STG |
| 2023 | Trunkline | 202654 | Rural | Cass | MDOT | M-40 | Signing Update | 124.122 | Traffic Safety | Non-freeway signing | exempt | | CON | 1573000 | 0 | 0 | 1573000 | STG |
| 2021 | Local | 206459 | Rural | Cass | Dowagiac | W Prairie Ronde St | West Praire Ronde Rd. at Middle Crossing to M-51. | 0.697 | New Facilities | Build a non-motorized pathway | exempt | | CON | 88723 | 0 | 202000 | 290723 | CM |
| 2022 | Local | 206459 | Rural | Cass | Dowagiac | W Prairie Ronde St | West Praire Ronde Rd. at Middle Crossing to M-51. | 0.697 | New Facilities | Build a non-motorized pathway | exempt | | CON | 13723 | | | 13723 | CM |
| 2023 | Local | 206459 | Rural | Cass | Dowagiac | W Prairie Ronde St | West Praire Ronde Rd. at Middle Crossing to M-51. | 0.697 | New Facilities | Build a non-motorized pathway | exempt | | CON | 8723 | | | 8723 | CM |
| 2022 | Multi-Modal | 206498 | Rural | Cass | Dowagiac Dial-A-Ride | Dowagiac Dial A Ride | City of Dowagiac & Surrounding area | 0 | 1110-Bus Rolling Stock | Replace one bus | exempt | | NI | 75000 | 18750 | 0 | 93750 | CM |
| 2023 | Multi-Modal | 206502 | Rural | Cass | Dowagiac Dial-A-Ride | Dowagiac Dial A Ride | City of Dowagiac and surrounding area | 0 | 1110-Bus Rolling Stock | Purchase one bus | exempt | | NI | 80000 | 20000 | 0 | 100000 | CM |
| 2020 | Local | 206661 | Rural | Cass | Cassopolis | N O Keefe Rd | N O Keefe Rd: Graham Street to North Village limits | 0.378 | Reconstruction | Reconstruction | exempt | | CON | 123240 | | | 123240 | STL |
| 2021 | Local | 207151 | Rural | Cass | Cass County | Decatur Rd | M-60 to Kelsey Lake Road | 3.717 | Road Capital Preventive Maintenance | Mill and Fill | exempt | | CON | 0 | 55300 | 0 | 55300 | EDD |
| 2021 | Local | 207151 | Rural | Cass | Cass County | Decatur Rd | M-60 to Kelsey Lake Road | 3.717 | Road Capital Preventive Maintenance | Mill and Fill | exempt | | CON | 359400 | 0 | 138300 | 497700 | STL |
| 2021 | Local | 207172 | Rural | Cass | Cass County | Marcellus Hwy | Goodenough Road to Hathaway Road | 1.4 | Road Capital Preventive Maintenance | Mill and one course non-structural overlay | exempt | | CON | 0 | 23700 | 0 | 23700 | EDD |
| 2021 | Local | 207172 | Rural | Cass | Cass County | Marcellus Hwy | Goodenough Road to Hathaway Road | 1.4 | Road Capital Preventive Maintenance | Mill and one course non-structural overlay | exempt | | CON | 189600 | 0 | 23700 | 213300 | STL |
| 2022 | Local | 207177 | Rural | Cass | Cassopolis | N O Keefe Rd | York Street to Graham Street | 0.25 | Reconstruction | Reconstruction | exempt | | CON | 0 | 10000 | 0 | 10000 | EDD |
| 2022 | Local | 207177 | Rural | Cass | Cassopolis | N O Keefe Rd | York Street to Graham Street | 0.25 | Reconstruction | Reconstruction | exempt | | CON | 452000 | 0 | 238000 | 690000 | STL |
| 2023 | Local | 207179 | Rural | Cass | Cass County | Calvin Center Rd | Jeffries Street to Bonnie Street | 0.997 | Road Capital Preventive Maintenance | Mill and one course non-structural overlay | exempt | | CON | 0 | 19360 | 0 | 19360 | EDD |
| 2023 | Local | 207179 | Rural | Cass | Cass County | Calvin Center Rd | Jeffries Street to Bonnie Street | 0.997 | Road Capital Preventive Maintenance | Mill and one course non-structural overlay | exempt | | CON | 154880 | 0 | 19360 | 174240 | STL |
| 2023 | Local | 207184 | Rural | Cass | Cass County | Dailey Rd | Pine Lake Street to Coulter Street | 0.749 | Road Capital Preventive Maintenance | Mill and one course non-structural overlay | exempt | | CON | 0 | 15650 | 0 | 15650 | EDD |
| 2023 | Local | 207184 | Rural | Cass | Cass County | Dailey Rd | Pine Lake Street to Coulter Street | 0.749 | Road Capital Preventive Maintenance | Mill and one course non-structural overlay | exempt | | CON | 125200 | 0 | 15650 | 140850 | STL |
| 2023 | Local | 207189 | Rural | Cass | Cassopolis | Hilton St | North Broadway Street to North O'keefe Street | 0.134 | Reconstruction | Reconstruction | exempt | | CON | 0 | 14557 | 0 | 14557 | EDD |
| 2023 | Local | 207189 | Rural | Cass | Cassopolis | Hilton St | North Broadway Street to North O'keefe Street | 0.134 | Reconstruction | Reconstruction | exempt | | CON | 95520 | 0 | 119923 | 215443 | STL |

| Fiscal Year | Job Type | Job# | MPO | County | Responsible Agency | Project Name | Limits | Length | Primary Work Type | Project Description | Air Quality | Air Quality comment | Phase | Fed Estimated Amount | State Estimated | Local Estimated Amount | Total Estimated Amount | Fund Source |
|-------------|-------------|--------|-------|--------|--------------------------------------|---------------|------------------------------------|--------|-------------------------------------|--|-------------|---------------------|-------|----------------------|-----------------|------------------------|------------------------|-------------|
| 2020 | Local | 207342 | Rural | Cass | Cass County | Marcellus Hwy | Twin Lakes Road to Glenwood road | 1.093 | Road Capital Preventive Maintenance | Mill and one course overlay | exempt | | CON | 0 | 18800 | 0 | 18800 | EDD |
| 2020 | Local | 207342 | Rural | Cass | Cass County | Marcellus Hwy | Twin Lakes Road to Glenwood road | 1.093 | Road Capital Preventive Maintenance | Mill and one course overlay | exempt | | CON | 75200 | 0 | 46000 | 121200 | STL |
| 2023 | Local | 207345 | Rural | Cass | Cass County | County wide | Various | 0 | Traffic Safety | Pavement Markings | exempt | | CON | 75000 | 0 | 0 | 75000 | STL |
| 2021 | Local | 207346 | Rural | Cass | Cass County | Various | Various | 0 | Traffic Safety | Pavement Markings | exempt | | CON | 75000 | 0 | 1 | 75001 | STL |
| 2020 | Multi-Modal | 206518 | Rural | Cass | Cass County Transportation Authority | Countywide | Countywide | 0 | SP10-State Match urban Agency | Purchase one new bus | exempt | | NI | 9600 | 2400 | 0 | 12000 | CM |
| 2020 | Multi-Modal | 206519 | Rural | Cass | Cass County Transportation Authority | Countywide | Countywide | 0 | SP10-State Match urban Agency | Purchase one new van | exempt | | NI | 192000 | 48000 | 0 | 240000 | CM |
| 2020 | Trunkline | 204804 | Rural | Cass | MDOT | M-40 | M-40 from US-12 north to Marcellus | 15.097 | Traffic Safety | Centerline Corrugations and Fixed Object Removal | exempt | | PE | 72000 | 8000 | 0 | 80000 | HSIP |