

BATTLE CREEK AREA TRANSPORTATION STUDY (BCATS)

UNIFIED WORK PROGRAM

FY 2022

BCATS

MAY

2021

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INTRODUCTION

The Unified Work Program (UWP) is an outline of the activities and budgets for the Battle Creek Area Transportation Study (BCATS) for the appropriate fiscal year. It identifies the planning work to be undertaken in the Battle Creek metropolitan area to carry out the urban transportation planning process specified in the federal FAST Act legislation of 2015, its referenced predecessors, extensions, successors and any associated DOT regulations. This document includes budgets, schedules, responsible agencies, and distribution of funding and expenditures among agencies. Additional information and/or detail about the BCATS' structure, organization or work activities is available from the BCATS office.

This report partially fulfills work item 4.0100 (Program Development and Management) of BCATS' UWP for FY 2021. The document was funded, in part, through grants from the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) of the U.S. Department of Transportation under one consolidated planning grant through the FHWA. The views and opinions of the authors expressed herein do not necessarily state or reflect those of the Michigan Department of Transportation or the U. S. Department of Transportation. Additional funds for the preparation of this document were provided by the Cities of Battle Creek and Springfield and Calhoun County on behalf of the Calhoun County Road Department. The document was prepared by Patricia Karr, Executive Director at BCATS.

The FY 2022 Unified Work Program was approved by the Battle Creek Area Transportation Study Policy Committee on May 26, 2021.

BATTLE CREEK AREA TRANSPORTATION STUDY

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BATTLE CREEK AREA TRANSPORTATION STUDY TRANSPORTATION PRIORITIES

Each year, the anticipated work activities for the upcoming year are matched with the items, or focus areas, that are important to the BCATS area. This is done with the "systemwide" items to ensure that the planned work items will be adequate. The systemwide focus areas recognize pending regulation, projects, and federal/state emphasis areas. In addition, a listing of "specific" focus areas is developed which relates to the monitoring of conditions on major corridors in the BCATS area, as well as consideration of possible developments that are seen as potentially impacting transportation in a significant way on the BCATS system. In identifying these specific areas, BCATS can tailor its activities to make sure that the appropriate level of data collection and other study is accomplished each year related to these issues, as necessary.

FOCUS AREAS

WORK ITEMS ADDRESSING ISSUE

Systemwide

| | |
|--|--------------------------------|
| 2045 Metropolitan Transportation Plan development finalization and maintenance of new Plan | 1.0000, 2.0428, 2.0618 |
| Performance-Based Planning and Programming | 1.0000, 2.0428, 2.0501, 2.0618 |
| Implementing and Monitoring the 2020-2023 TIP | 1.0000, 2.0501, 3.0000 |
| Development of the 2023-2026 TIP | 1.0000, 2.0501, 3.0000 |
| Safety Conscious Planning/Safety Education | 1.0000, 2.0618, 2.0641, 3.0000 |
| Asset Management | 1.0000, 10040M, 2.0618 |
| I-94 Corridor | 1.0000, 2.0428, 2.0618, 2.0643 |
| Traffic Count Program | 1.0000 |
| Public Participation | 2.0501, 2.0618, 3.0000 |
| Freight Planning | 1.0000, 2.0643 |
| Air Quality | 2.0428, 2.0618, 2.0619, 2.0645 |
| Non-Motorized Planning | 1.0000, 2.0428 |
| MIRE Program with MDOT | 1.0000 |

Specific

Corridor Monitoring of Major Facilities

| | |
|--------------------------------|--|
| I-94/I-194 | I-94 BL east and M-96 (E. Michigan Avenue) |
| M-96 (Columbia Avenue) | I-94 BL west and Skyline Dr./Hill Brady Road (NHS) |
| Beckley Road/B Drive North | M-37 (N. Helmer Road/Bedford Road) |
| M-66 north (Capital Avenue NE) | M-96 (Dickman Road) Non-Motorized Corridor |
| | I-94/Capital Avenue Interchange |

Developments and Other Areas to Consider

Downtown Battle Creek Continuing Redevelopment
 Lakeview Square Mall Redevelopment
 Tribal Casino/Hotel – additional hotel tower opening and other ancillary development
 Fort Custer Industrial Park Plans/Military Plans along Skyline Drive
 Airport industrial development

BATTLE CREEK AREA TRANSPORTATION STUDY TRANSPORTATION PRIORITIES

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Fort Custer Industrial Park Plans/Military Plans along Skyline Drive
Airport industrial development

**BATTLE CREEK AREA TRANSPORTATION STUDY
FY 2022 UNIFIED WORK PROGRAM
OUTLINE OF WORK ACTIVITIES**

- 1.00 DATA COLLECTION AND ANALYSIS**
 - 1.0000 Data Collection and Analysis
 - 1.0040M Asset Management (MDOT funded Project)

- 2.04 LONG RANGE TRANSPORTATION PLANNING**
 - 2.0428 Long Range Transportation Planning

- 2.05 SHORT RANGE TRANSPORTATION PLANNING**
 - 2.0501 Transportation Improvement Program
 - 2.0520 Short Range Transit Planning

- 2.06 OTHER PROJECTS, STUDIES, AND PLANNING EFFORTS**
 - 2.0618 Coordination with Statewide Planning
 - 2.0619 Special Studies
 - 2.0641 Safety Conscious Planning
 - 2.0643 Freight Planning
 - 2.0645 Air Quality Planning

- 3.00 PUBLIC INVOLVEMENT AND EDUCATION**
 - 3.0000 Public Involvement and Education

- 4.01 PROGRAM DEVELOPMENT AND MANAGEMENT**
 - 4.0100 Program Development and Management

THE TRANSPORTATION PLANNING PROCESS

Background

In April, 2018, an updated “Memorandum of Understanding” (MOU) was executed between the Battle Creek Area Transportation Study (BCATS), Battle Creek Transit (BCT), and the Michigan Department of Transportation (MDOT), specifically to add references to the performance based planning process. This MOU updated the previous MOU from 2011 between the parties. The MOU frames the context of future planning activities involving the three agencies and promotes the 3-C (continuing, comprehensive and cooperative) nature of the ongoing planning process. The MOU commits BCATS, BCT, and MDOT to a common understanding of the scope and conduct of the process, as outlined in the MOU and summarized below:

- Jointly consider federal planning factors, performance measures, and targets, as outlined in the most current federal legislation and rulemaking
- Establish the MPO, with bylaws, boundaries, policies, and procedures for carrying out the planning process
- Development of the Unified Work Program, Participation Plan, consultation efforts, air quality planning (if applicable), long range Metropolitan Transportation Plan, Transportation Improvement Program, performance targets/reporting, and annual listing of obligated projects, consistent with federal regulations
- Development of transportation planning studies and project development
- MDOT calibration and joint maintenance and operation of the travel demand forecasting model for the BCATS’ area that is used for various activities

The MOU is distinct and different from the “Master Agreement” executed between MDOT and BCATS (which is re-executed every three years) that details the rights and responsibilities of the two agencies in areas such as billing, auditing, recordkeeping, etc. For the FY 2022 UWP, BCATS will be operating under a Master Agreement covering the FY 2021-2023 time period.

BCATS has a separate additional MOU with the City of Battle Creek/Battle Creek Transit regarding the conduct of the planning process specific to public transportation, per the requirements of the Federal Transit Administration. That MOU was most recently updated in July, 2017.

On-going Process

The following activities will support the on-going planning process into the year 2022.

Planning Process Working Groups – BCATS, MDOT and the local agencies will participate in working group sessions for selected topics, as needed, related to the implementation of the various components of the planning process. An example of this activity were the working groups established by MDOT, with the MPOs, for addressing the requirements of performance-based planning target setting by the state, and in turn, the MPOs. Statewide groups are also working on aspects such as financial planning for long range plans and TIPs, as well as groups addressing the on-going use of the project database program termed JobNet maintained by MDOT. The statewide association of metropolitan planning agencies, the Michigan Transportation Planning Association (MTPA), also has subcommittees termed Technical Committee and Policy Committee to address issues impacting all MPOs.

Development of Tools and Data for Analysis and Evaluation –

- BCATS' GIS program has the potential to be enhanced to incorporate additional information for use in future plan development and project evaluation
- BCATS will further utilize software in the areas of pavement evaluation (PASER) and vehicle crash data (RoadSoft, Michigan Crash Facts, TCAT program, or other) in the safety analysis process.
- Staff participation in conferences, seminars and webinars featuring work program topics
- BCATS will continue to support the Asset Management Council and its work
- MDOT will continue to provide early input opportunities for BCATS in the department's longer range planning and programming activities (ie; projects associated with the Rebuilding Michigan bond program)
- BCATS staff will participate in training and other opportunities related to performance-based planning and programming as related to federal requirements for performance measures.
- BCATS staff will collect and submit data items for HPMS in conjunction with MDOT's HPMS coordinator, when requested. BCATS staff will participate in any HPMS training workshops held by MDOT.

BCATS' TIP Subcommittee Group – The primary function of BCATS' TIP Subcommittee group is to establish priorities for the development and amendment of the Transportation Improvement Program. The TIP Subcommittee Group also facilitates multi-jurisdictional projects such as joint roadway projects and areawide safety applications. In addition, the Subcommittee is a resource in the development and update of the BCATS' long range transportation plan.

Public Participation – Public participation activities are updated and evaluated in order to develop the best process. The BCATS Transportation Participation Plan (TPP) was updated in FY 2021.

Performance-Based Planning and Programming (PBPP) – FHWA and MDOT continue to sponsor trainings/programs that promote the further development of policies and practices that implement the federally mandated performance-based planning contained in the MAP-21/FAST Act legislation.

Planning Program Emphasis Areas – the FY 2020-2023 TIP, approved in 2019, reflects the requirements of performance based planning and programming and performance targets. BCATS acted to "support" several state target areas and local transit targets in October, 2018. BCATS has acted to support state safety targets, and local transit targets. To the extent feasible, the federal/state emphasis areas presented to BCATS at the annual pre-Unified Work Program meeting were taken into consideration in the development of the program: performance-based planning and programming; long range transportation planning areas of consultation and environmental justice; freight planning, and S/TIP improvements. In addition, MAP-21/FAST Act legislation requires agencies to be more performance oriented, which means additional requirements to collect data and to standardize data to support national performance goals. Under federal reporting requirements: Model Inventory Roadway Elements (MIRE) Fundamental Data Elements (FDE) is a federal reporting requirement for safety roadway data. Work on implementation by MDOT and its vendors (CSS, Roadsoft, and ESRI) of the MIRE FDE data repository schema in MDOT Roads and Highways should be completed in FY 2022. Beginning in FY 2022, MPO and local agency participation in the MIRE data collection process will be considered part of the requirements in fulfilling Data Collection responsibilities to MDOT.

The first set of MDOT MIRE FDE data and tools should be available in Roadsoft in the April 2022 release. Agencies should receive MIRE data in Roadsoft in V22 and may export changes to MDOT for V22 and beyond. The five (5) data items that MPO staff will be requested to review will be: surface type, number of through lanes, access control, median type, and junction traffic control. MPO and MDOT staff will begin the process of meeting to discuss and plan for annual maintenance and validating the data items moving forward. The end goal will be to draft a plan to fill 100% of the five (5) MIRE data items and submit to MDOT by August of 2025.

FY 2021 UNIFIED WORK PROGRAM ACTIVITIES

1.0 SERIES – DATA

1.0000 Data Collection and Analysis

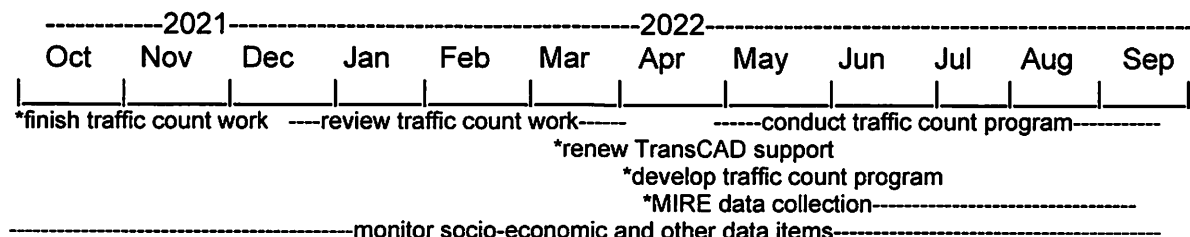
Lead Agency: BCATS
(with participation by the Calhoun County Road Department and the City of Battle Creek Public Works Department)

Purpose: Maintain files of current raw, processed and analyzed data for such as: socio-economic data, environmental justice data, traffic count data, road data elements, land use, housing data, transit data, natural resources environmental data, and freight data (as available). Collect and submit data in conjunction with MDOT's HPMS coordinator, as requested. Provide support to the Non-Trunkline federal-aid data collection program, as needed. Keep TransCAD software up-to-date and licensed. Continue evaluation of additional data needs for implementing performance-based planning and programming (PBPP) efforts. As data collection direction is provided, MIRE FDE data collection will begin.

Products:

- 2022 Traffic Counting Program (development and implementation)
- raw data for traffic counts, crash statistics, transit and other data
- safety and freight data, as available
- work with MDOT on traffic count needs
- 2020 Census data release review, if available
- natural resources environmental related data, as needed
- annual TransCAD support for 2022
- HPMS data collection and training
- inventory of appropriate data
- support of MDOT's planning efforts for collection/confirmation of MIRE FDE data

Timeline: This is a work activity that is ongoing during the course of the fiscal year, with some components occurring at the same time each year (for example: traffic count field work is generally conducted between May and September). A generalized timeline for activities within this item is shown below:



(*item generally conducted/concluded within the specific month where the asterisk * is shown)

1.0040 Asset Management – MDOT Funded Project

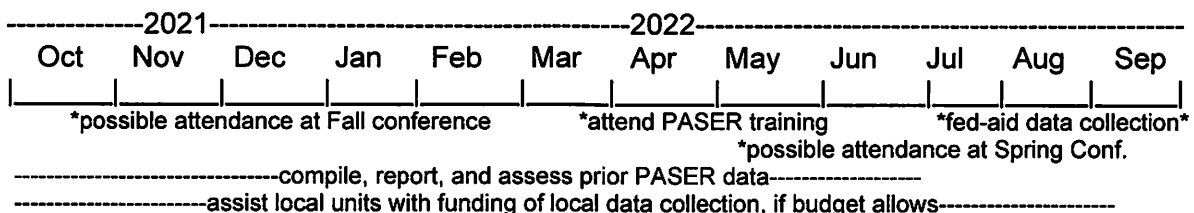
Lead Agency: BCATS
(with participation by the Calhoun County Road Department, the City of Battle Creek Public Works Department and the City of Springfield)

Purpose: Satisfy the requirements of P.A. 499 of 2002, and subsequent state legislation, for the fiscal year 2022. Serve as coordinator for any data collection, review, distribution, and dissemination of pavement condition data within the BCATS area, as outlined in the Asset Management program guidelines revised by the Asset Management Council in June 2018, and included as Attachment B of this document.

Products:

- Staff training in PASER or other software, as needed and/or required
- PASER data collected on federal-aid eligible roads in the BCATS' area of responsibility (all participants), if a survey year (2022 is not a federal-aid survey year in the BCATS area), as prescribed by the Asset Management guidelines (Attachment B).
- Annual Report of Asset Management activities (see Attachment B)
- Updated status report of Act 51 agency asset management activities and plans within the BCATS boundaries
- Support collection of non-federal aid local road data by the Cities and County and provide financial reimbursement if the budget allows, according to the Asset Management guidelines
- Attendance at other Asset Management training, such as seminars, webinars, and conferences

Timeline: The timeline for this project is dependent each year upon whether it is the year to complete the PASER field work within the BCATS area (which is every other year). In 2022, the federal-aid field work is scheduled for the portion of the county which is outside of the BCATS area. BCATS staff also conducts analysis work associated with collected PASER data. BCATS staff will assess, with the local agencies, the availability of funding for data collection on the non-federal aid local road system during FY 2022.



(*item generally conducted/concluded within the specific month(s) where the asterisk * is shown)

2.04 SERIES – LONG RANGE TRANSPORTATION PLANNING

2.0428 Long Range Transportation Planning

Lead Agency: BCATS

Purpose: Completion of the new 2045 Metropolitan Transportation Plan (MTP), including work on the final report document, submittal to MDOT and FHWA and publication of the final Plan
Conduct any public participation efforts still necessary for the 2045 MTP

Products:

- Maintain and monitor the 2040 Metropolitan Transportation Plan until the 2045 MTP is adopted
- On-going review of the new long range planning requirements under federal regulations
- Complete Metropolitan Transportation Plan (MTP);
- Continued work with MDOT SUTA, if needed

Timeline:

BCATS' work on the 2045 MTP will be finalized in early FY 2022 with Plan completion no later than November 2021.

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| -----2021----- | | | | | | -----2022----- | | | | | |
| Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
| | | | | | | | | | | | |

-----*latest local approval of 2045 MTP
*final publication and posting of completed MTP

(*item generally conducted/concluded within the specific month where the asterisk * is shown)

2.05 SERIES – SHORT RANGE TRANSPORTATION PLANNING

2.0501 Transportation Improvement Program (TIP)

Lead Agency: BCATS

Purpose:

Monitor and implement the FY 2020-2023 Transportation Improvement Program (TIP), including amendments and administrative adjustments, including all associated materials and public notices, develop a new FY 2023-2026 TIP with an emphasis on projects leading to achievement of performance goals and objectives, per federal regulations

Work with MDOT on the ongoing use of the automated database and S(TIP) process known as JobNet, monitor and process JobNet changes as they occur

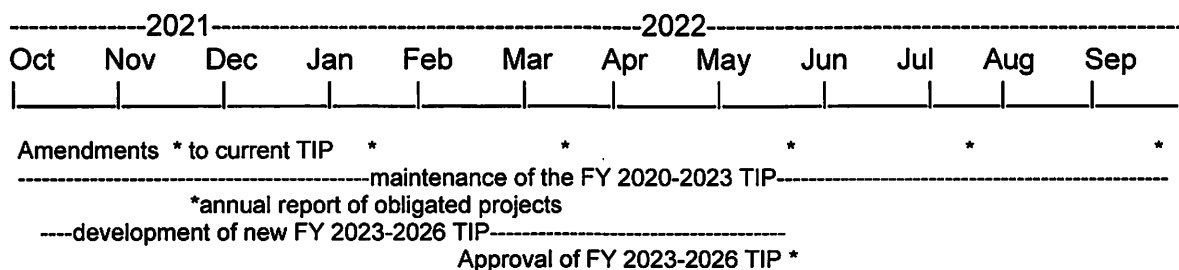
Prepare an annual listing of obligated projects for 2021, per federal requirements

Products:

- Amendments, as necessary (usually 5-6), for the FY 2020-2023 TIP
- Maintenance of the FY 2020-2023 TIP through JobNet
- Development of FY 2023-2026 TIP, including all aspects of the process
- Status reports on TIP projects during the year
- Public participation activities, especially for new TIP development
- Annual listing of obligated projects for 2021, as required by regulations
- Work with, and participate in, the MDOT JobNet process

Timeline:

Amendments to the FY 2020-2023 TIP will be scheduled for November 2021, January 2022, March 2022, May 2022, July 2022 and September 2022. The annual report of projects from the prior year is completed in November or December 2021.



(*item generally conducted/concluded within the specific month where the asterisk * is shown)

2.0520 Short Range Transit Planning

Lead Agencies: BCATS, with support from Battle Creek Transit (BCT)

Purpose:

Review of any transit studies as identified by staff and/or requested by BCT. BCATS staff participation on BCT's Local Coordinating Council. Monitor progress of BCT in completing required plans, studies, and transit specific MAP-21/FAST Act requirements. Work with BCT and the human service agencies to maintain transit projects in the TIP. Assist BCT with implementing the recommendations of the 2018 Transit Master Plan, if requested. Support BCT with adoption of annual State of Good Repair targets and support of BCT's Transit Safety Targets.

Products:

- Results of any significant transit studies
- Assistance to BCT and human service agencies with projects in the TIP, ie; JobNet changes
- Staff involvement with BCT committees
- Assistance to BCT in efforts to meet the transit performance-based planning requirements of the federal regulations, specifically safety and State of Good Repair targets

Timeline:

This work involves on-going interaction between BCATS and BCT staff. BCATS staff attends periodic meetings of the BCT Local Coordinating Council (LCC) meetings as a member of that Council.

Ongoing work is required to support BCT in meeting the requirements of the federal regulations.

| -----2021----- | | | | | | -----2022----- | | | | | | | | |
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| Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | | | |
| | | | | | | | | | | | | | | |
| | * | | * | | | * | BCT LCC Meetings | | | * | | | | |
| -----BCATS staff assist BCT staff----- | | | | | | | | | | | | | | |
| -----BCATS staff assist human service agency staff----- | | | | | | | | | | | | | | |

(*item generally conducted/concluded within the specific month where the asterisk * is shown)

2.06 SERIES – OTHER PROJECTS, STUDIES, AND PLANNING EFFORTS

2.0618 Coordination with Statewide Planning

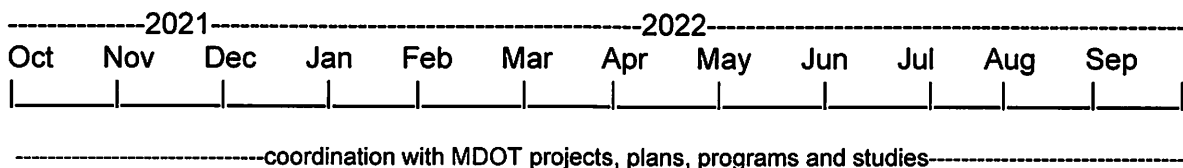
Lead Agency: BCATS

Purpose: Provide MPO input in the development of the State's plans and programs and work with the state to incorporate the Department's program development process with the BCATS' process. Coordination with state activities in the areas of: performance measures, air quality, asset management, and access management, as applicable. Also, work with MDOT on any studies of a long or short range nature undertaken by MDOT for any of the various transportation modes or for specific facilities within the BCATS area. Respond to any MDOT call for input on future state project development.

Products:

- Documentation of activities conducted under this activity
- Input to MDOT annual calls for projects, various funding programs
- Input to MDOT's Long Range Plan maintenance

Timeline: This activity responds to various MDOT activities during the year



(*item generally conducted/concluded within the specific month where the asterisk * is shown)

2.0619 Special Studies

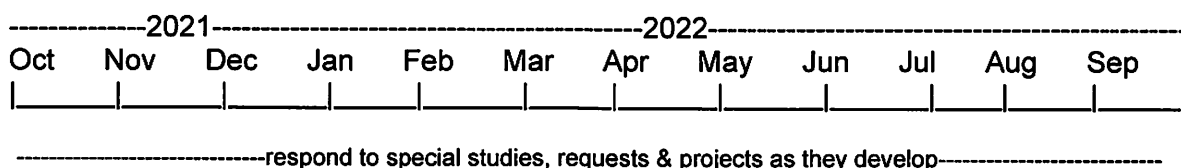
Lead Agency: BCATS

Purpose: Respond to unforeseen or special requests for data, information, or analysis related to transportation activities. Participate in or conduct studies related to any aspect of transportation/transportation planning not included in other work items. Respond to federal efforts in emphasis areas as issues arise.

Products:

- Documentation of activities conducted under this activity

Timeline: The entire year is the timeline due to the unknown nature of this item



(*item generally conducted/concluded within the specific month where the asterisk * is shown)

2.0641 Safety Conscious Planning

Lead Agency: BCATS

Purpose:

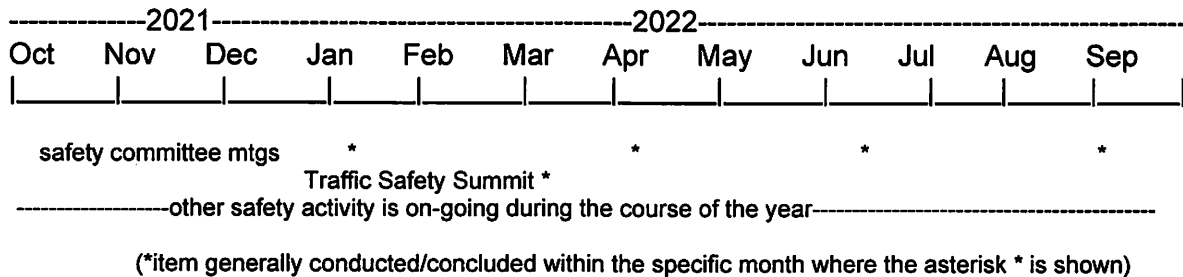
Respond to requirements of federal transportation legislation for consideration of safety projects and strategies. Incorporation of safety issues, analysis and projects into the core activities of the planning process. This activity may involve training sessions and outreach meetings across multiple disciplines. It will involve utilizing available resources related to safety issues. Continue TIA/TCAT membership. Assist local agencies with project development for local safety projects and funding applications.

Products:

- Documentation of trainings and meetings attended or forums held
- Documentation of any other safety activities
- Renewal of TIA/TCAT membership with City of Battle Creek
- Letters of support for local agency local safety project applications

Timeline:

Regional Traffic Safety Network meetings occur several times each year
The Office of Highway Safety Planning safety summit occurs in March



2.0643 Freight Planning

Lead Agency: BCATS

Purpose:

Continue to monitor developments and issues related to freight planning and evaluate applicability to small urban areas. Coordinate with MDOT's work on Statewide Freight Planning. Respond to requests from FHWA or MDOT for freight data or surveys.

Products:

- Freight planning materials reviewed and/or sessions attended
- Results of any other freight related planning projects or data collection

2.0643 Freight Planning (continued)

Timeline: The timeline for this item is the entire year.

| -----2021----- | | | | | | -----2022----- | | | | | |
|----------------|-----|-----|-----|-----|-----|----------------|-----|-----|-----|-----|-----|
| Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
| | | | | | | | | | | | |

-----freight planning as it develops-----
(*item generally conducted/concluded within the specific month where the asterisk * is shown)

2.0645 Air Quality Planning

Lead Agency: BCATS

Purpose: Work with MDOT, EGLE, FHWA, and EPA during FY 2022 relative to implementing the necessary air quality planning functions to address Calhoun County's air quality designation as part of the Kalamazoo-Battle Creek Limited Orphan Maintenance Area (LOMA). As such, a new conformity document will be required for the KATS and BCATS new FY 2023-2026 TIP's. Respond to MDOT calls for development of projects to reduce air quality emissions under the Congestion Mitigation Air Quality (CMAQ) program, if applicable.

Products:

- Participate and coordinate with KATS on IAWG efforts for the new FY 2023-2026 TIP documents in FY 2022. Monitor any need for updates to the conformity information for any TIP updates.
- Documentation of any materials developed related to air quality planning
- Response to MDOT calls for CMAQ projects, if applicable

Timeline: Respond when called upon to address air quality conformity issues and when MDOT issues a call for CMAQ projects.

| -----2021----- | | | | | | -----2022----- | | | | | |
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| Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
| | | | | | | | | | | | |

*MDOT call for projects and local CMAQ meeting

*IAWG efforts and conformity for FY 2023-2026 TIP

-----develop applications----- *submit apps

* include approved projects in TIP

-----monitor the CMAQ program-----

(*item generally conducted/concluded within the specific month where the asterisk * is shown)

3.00 SERIES – PUBLIC INVOLVEMENT

3.0000 Public Involvement and Safety Education

Lead Agency: BCATS

Purpose:

Provide for the involvement of groups and individuals from various sectors in the activities of the Battle Creek Area Transportation Study. Disseminate information about BCATS and its activities to the general public. Further develop and maintain the BCATS website.

When possible, promote and conduct relatively low cost transportation and safety education efforts within the BCATS area in an effort to affect improvement in the operation and safety of the area's transportation system. Participate in traffic safety organizations, meetings, and conferences.

Products:

- BCATS' newsletter, published periodically
- Information to the public in general, groups, individuals, the media
- Citizen input
- Documentation of safety education activities and designated promotions conducted during the year
- Documentation of meetings and conferences attended
- Continued improvements to, along with maintenance of, the BCATS website

Timeline: Public involvement is an activity conducted all year

| -----2021----- | | | | | | -----2022----- | | | | | |
|----------------|-----|-----|-----|-----|-----|----------------|-----|-----|-----|-----|-----|
| Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
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..... National Drunk and Drugged Driving Prevention promotion

-----website maintenance and improvement-----

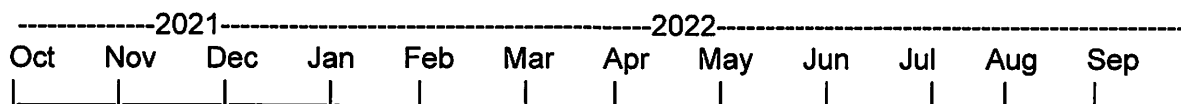
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4.0100 Program Development and Management

Complete all MDOT reporting requirements and documentation, including Title VI, DBE, and Final Acceptance Report

- FY 2022 UWP maintenance and amendment, as necessary
- FY 2023 UWP
- Annual certificate of indirect costs (included in the UWP)
- Documentation of Technical and Policy Committee meetings
- Progress and financial reports and billings
- Title VI and DBE submittals
- Review of 2021 financial records, including work on FY 2021 audit, and maintenance of FY 2022 financial records
- Final Acceptance Report to MDOT for 2021
- Additional materials and meetings as necessary

Program development and management is conducted throughout the year as it includes all overall administration of the program, billings, Committee meetings and required submittals to MDOT.



*Final Acceptance Report for FY 2021 completed and submitted end of Dec.

-----2021 audit work----- -----development of 2023 UWP----- Title VI annual submittal *

*DBE submittal

*DBE submittal

-----monthly billing and progress reports to MDOT-----

-----Technical and Policy Committee meetings each month (unless cancelled)-----

-----maintenance of the 2022 Unified Work Program-----

(*item generally conducted/concluded within the specific month where the asterisk * is shown)

**BATTLE CREEK AREA TRANSPORTATION STUDY
FY 2022 PROVISIONAL INDIRECT RATE**

| <u>Direct Expenses</u> | <u>\$</u> |
|---------------------------|-----------------|
| Staff Salaries | \$88,780 |
| Fringe Benefits | \$70,350 |
| Printing and Other direct | <u>\$14,800</u> |
| Subtotal | \$174,671 |

| <u>Indirect Expenses</u> | <u>\$</u> |
|---------------------------|------------------|
| Administrative Overhead* | \$79,843 |
| Supplies | \$4,000 |
| Postage | \$400 |
| Professional Services | \$200 |
| Training | \$1,000 |
| Attorney Fees | \$1,000 |
| Telephone - 2 accounts | \$2,000 |
| Travel | \$4,000 |
| Copy Services | \$200 |
| Liability Insurance | \$2,500 |
| Office Equip. Maintenance | \$800 |
| Building Rental | \$4,000 |
| Publications | \$200 |
| Memberships/dues | \$100 |
| Depreciation | \$500 |
| Financial Services** | \$3,300 |
| Audit | \$3,600 |
| Subtotal | <u>\$107,643</u> |
| TOTAL | \$281,573 |

*includes \$44,545 in salary and \$35,298 in fringe benefits

**includes accounting, expense disbursements, payroll preparation & recordkeeping
services provided by the finance dept.

| <u>Fringe Benefit Rate</u> | | <u>% Fringe</u> | |
|-----------------------------------|-------------|-----------------|-------------------|
| Direct and Indir. Fringe Benefits | \$105,648 | | |
| Direct and Indirect Salaries | \$133,325 | 0.79241 | |
| | Direct | Indirect | |
| <u>Indirect Cost Rates***</u> | <u>Cost</u> | <u>Cost</u> | <u>% Indirect</u> |
| Dir. Sal., FB | \$159,130 | \$107,643 | 67.644693018 |

This indirect Cost Rate proposal has been developed in accordance with the standards in
2 CFR 225 and in accordance with the BCATS Indirect Cost Allocation Plan – April, 2015

Attachment A

Certificate of Indirect Costs and Certification Regarding Lobbying

CERTIFICATE OF INDIRECT COSTS

This is to certify that I have reviewed the indirect cost rate proposal submitted herewith and to the best of my knowledge and belief:

1) All costs included in this proposal of May 26, 2021 to establish billing or final indirect costs rates for Fiscal Year 2022 (October 1, 2021 - September 30, 2022) are allowable in accordance with the requirements of the Federal award(s) to which they apply and 2 CFR part 225, Cost Principles for State, Local, and Indian Tribal Governments (2 CFR 225). Unallowable costs have been adjusted for in allocating costs as indicated in the cost allocation plan.

(2) All costs included in this proposal are properly allocable to Federal awards on the basis of a beneficial or causal relationship between the expenses incurred and the agreements to which they are allocated in accordance with applicable requirements. Further, the same costs that have been treated as indirect costs have not been claimed as direct costs. Similar types of costs have been accounted for consistently and the Federal Government will be notified of any accounting changes that would affect the predetermined rate.

I declare that the foregoing is true and correct.

Governmental Unit: Battle Creek Area Transportation Study

Signature: Patricia Karr

Name of Official: Patricia Karr

Title: Executive Director

Date of Execution: 5/26/21

Appendix A to Part 20 - Certification Regarding Lobbying

Certification for Contracts, Grants, Loans, and Cooperative Agreements

The undersigned certifies, to the best of his, or her, knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Statement for Loan Guarantees and Loan Insurance

The undersigned states, to the best of his, or her, knowledge and belief, that:

If any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Signed Patricia Karr Date 5/26/21

Patricia Karr, Executive Director

Battle Creek Area Transportation Study

Attachment B

MDOT Asset Management

Guidelines

(June 6, 2018)

ASSET MANAGEMENT

The resources allocated to the Metropolitan/Regional Planning Organization (MPO/RPO) from the Transportation Asset Management Council (TAMC) annual budget shall be utilized to assist in the completion of the TAMC Work Program. All work shall be consistent with the policies and priorities established by the TAMC. All invoices submitted for reimbursement of Asset Management activities shall utilize Michigan Department of Transportation (MDOT) standard invoice forms and include the required information for processing. The MPO/RPO shall complete the required products and perform tasks according to the timeframes and directives established within TAMC's data collection policies, which are located on the TAMC website (<http://tamc.mcgi.state.mi.us/TAMC/#/aboutus>). The MPO/RPO will emphasize these tasks to support the top 125 Public Act 51 agencies (agencies that certify under Public Act 51 a minimum of 100 centerline miles of road) within the planning area when resources are limited. The activities eligible for TAMC reimbursement include the following:

TASKS

I. Training Activities

- A. Attendance at training seminar(s) on the use of Pavement Surface Evaluation and Rating (PASER) and Inventory-based Rating System for unpaved roadways.
- B. Represent MPO/RPO at TAMC-sponsored conferences and seminars, including attending either the Spring or Fall TAMC Conference.
- C. Attend TAMC-sponsored Investment Reporting Tool (IRT) training seminars.
- D. Attend TAMC-sponsored Asset Management Plan Development training seminars.

II. Data Collection Participation and Coordination

A. Federal Aid System:

1. Organize schedules with Public Act 51 agencies within MPO/RPO's boundary for participating in Federal Aid data collection efforts; ensure all participants of data collection have access to State of Michigan travel reimbursement rates.
2. Coordinate, participate and facilitate road surface data collection on approximately one-half of the Federal Aid System in accordance with the TAMC Policy for the Collection of Roadway Condition Data on Federal Aid Eligible Roads and Streets.
3. Collect unpaved roadway condition data on approximately half of any unpaved Federal Aid eligible roadways using the Inventory-based Rating System developed by the Michigan Technological University's Center for Technology and Training.

B. Non-Federal Aid System:

1. The RPO/MPO may allocate reimbursements for Non-Federal Aid data collection to Public Act 51 agencies according to the resources available to them in the manner that best reflects the priorities of their area and supports the TAMC work.

2. Coordinate Non-Federal Aid data collection cycles with Public Act 51 agencies with an emphasis on the top 125 agencies.
3. Ensure all participants of data collection understand procedures for data sharing with TAMC as well as TAMC policy and procedures for collecting Non-Federal Aid data.
4. Participate and perform data collection with Public Act 51 agencies on an as-needed basis for the data collection of Non-Federal Aid roads when requested.

III. Equipment

- A. Ensure rating teams have the necessary tools to complete the federal aid data collection activity by maintaining a laptop compatible with the Laptop Data Collector and Roadsoft programs, a functioning Global Positioning System (GPS) unit, and other required hardware in good working order.
- B. Communicate any equipment needs and purchases with the TAMC Coordinator; laptops are eligible for replacement on a three-year cycle.

IV. Data Submission

- A. Develop and maintain technical capability to manage regional Roadsoft databases and the Laptop Data Collector program; maintain a regional Roadsoft database that is accurate and consistent with local agency data sets.
- B. Coordinate Quality Assurance/Quality Control activities and data submission tasks according to protocols established in TAMC Data Collection Policies for Federal Aid and Non-Federal Aid Roads.
- C. Monitor and report status of data collection efforts to TAMC Asset Management Coordinator through monthly coordinator calls and/or monthly or quarterly program updates that are mailed with invoices.
- D. Provide links on agency websites and reports to the TAMC website, interactive maps and dashboards for the dissemination of roadway data.

V. Asset Management Planning

- A. Participate and attend TAMC-sponsored training and workshops in order to provide technical support for Asset Management Plan development activities.
- B. Provide an annual reporting of the status of Public Act 51 agency Asset Management Plans and keep abreast of the status of these plans for updates and revision.
- C. Provide technical assistance and training funds to Public Act 51 agencies during the development of local Asset Management Plans using TAMC templates when applicable; coordinate these tasks with an emphasis on the Top 125 agencies.

VI. Technical Assistance

- A. Provide technical assistance to local agencies in using the TAMC reporting tools for planned and completed infrastructure investments or any other TAMC Work Program Activity.
- B. Integrate PASER ratings and asset management into project selection criteria:
 1. Analyze data and develop road preservation scenarios.
 2. Analyze performance of implemented projects

VII. Culvert Mapping Pilot

- A. Provide administrative and technical assistance to Public Act 51 agencies and MDOT for reimbursement of TAMC funds for participation in the 2018 TAMC Culvert Mapping Pilot project.

- B. Utilize TAMC reporting forms to communicate progress and expenditures of Public Act 51 agencies to assist TAMC in the Culvert Mapping Pilot Report.

Required Products

- I. PASER data for Federal Aid System submitted to TAMC via the IRT.
- II. PASER data for Non-Federal Aid System submitted to TAMC via the IRT.
- III. Quarterly or monthly activities reports submitted with invoices to TAMC Coordinator.
- IV. Create an Annual Report of Asset Management program activities as well as a summary of annual PASER condition data by local agency, functional classification, and Public Act 51 Legal System; provide links to the Regional Annual Report on agency website and submit copies to TAMC Coordinator by April 1 of each year.
- V. Prepare a draft status report of Public Act 51 agency Asset Management activities and plans within MPO/RPO boundary by September 30 of each year.

Attachment C
FY 2022 Unified Work Program
Financial Worksheets A - E

**BATTLE CREEK AREA TRANSPORTATION STUDY
FY 2022 UNIFIED PLANNING WORK PROGRAM**

Schedule A--Work Item Budget by Agency (\$)

| ITEM # | ITEM DESCRIPTION | BCATS | BC PUBWKS | BC TRANSIT | CCRD | CITY SPR | TOTAL LOCAL | MDOT | GRAND TOTAL |
|---------------|--------------------------------------|----------------|----------------------|-----------------------|---------------|---------------------|--------------------|---------------|--------------------|
| 1.0000 | Data Collection and Analysis | 48,649 | 11,000 | 0 | 11,000 | 0 | 70,649 | 3,945 | 74,594 |
| 1.0040M | Asset Management MDOT Project | 13,486 | 3,507 | 0 | 3,507 | 0 | 20,500 | 0 | 20,500 |
| | 1.00 Subtotal | 62,135 | 14,507 | 0 | 14,507 | 0 | 91,149 | 3,945 | 95,094 |
| 2.0428 | Long Range Transportation Planning | 19,070 | 0 | 0 | 0 | 0 | 19,070 | 10,444 | 29,514 |
| | 2.04 Subtotal | 19,070 | 0 | 0 | 0 | 0 | 19,070 | 10,444 | 29,514 |
| 2.0501 | Transportation Improvement Program | 67,090 | 0 | 0 | 0 | 0 | 67,090 | 19,026 | 86,116 |
| 2.0520 | Short Range Transit Planning | 9,063 | 0 | 0 | 0 | 0 | 9,063 | 3,829 | 12,892 |
| | 2.05 Subtotal | 76,153 | 0 | 0 | 0 | 0 | 76,153 | 22,855 | 99,008 |
| 2.0618 | Coordination with Statewide Planning | 5,219 | 0 | 0 | 0 | 0 | 5,219 | 5,106 | 10,325 |
| 2.0619 | Special Studies | 3,943 | 0 | 0 | 0 | 0 | 3,943 | 1,161 | 5,104 |
| 2.0641 | Safety Conscious Planning | 10,963 | 0 | 0 | 0 | 0 | 10,963 | 3,719 | 14,682 |
| 2.0643 | Freight Planning | 3,087 | 0 | 0 | 0 | 0 | 3,087 | 814 | 3,901 |
| 2.0645 | Air Quality Planning | 6,275 | 0 | 0 | 0 | 0 | 6,275 | 8,123 | 14,398 |
| | 2.06 Subtotal | 29,487 | 0 | 0 | 0 | 0 | 29,487 | 18,923 | 48,410 |
| 3.0000 | Public Involvement and Education | 23,027 | 0 | 0 | 0 | 0 | 23,027 | 9,052 | 32,079 |
| | 3.00 Subtotal | 23,027 | 0 | 0 | 0 | 0 | 23,027 | 9,052 | 32,079 |
| 4.0100 | Program Development and Management | 71,701 | 0 | 0 | 0 | 0 | 71,701 | 9,748 | 81,449 |
| | 4.01 Subtotal | 71,701 | 0 | 0 | 0 | 0 | 71,701 | 9,748 | 81,449 |
| | TOTAL | 281,573 | 14,507 | 0 | 14,507 | 0 | 310,587 | 74,967 | 385,554 |

**BATTLE CREEK AREA TRANSPORTATION STUDY
FY 2022 UNIFIED WORK PROGRAM**

Schedule B--Major Category Budget by Agency (person-days)

| ITEM # | WORK ITEM DESCRIPTION | MDOT | BCATS | B.C. PUBWKS/BCT | CAL. CO. RD. DEPT. | SPR | TOTAL |
|--------|--------------------------------------|--------------|---------------|--------------------|-----------------------|------------|--------------|
| 1.0000 | Data Collection and Analysis | 7.0 | 50.0 | 33.0 | 38.0 | 0.0 | 128.0 |
| 10040M | Asset Management MDOT Project | 0.0 | 13.0 | 8.0 | 8.0 | 0.0 | 29.0 |
| | 1.00 Subtotal | 7.0 | 63.0 | 41.0 | 46.0 | 0.0 | 157.0 |
| 2.0428 | Long Range Transportation Planning | 18.0 | 17.0 | 0.0 | 0.0 | 0.0 | 35.0 |
| | 2.04 Subtotal | 18.0 | 17.0 | 0.0 | 0.0 | 0.0 | 35.0 |
| 2.0501 | Transportation Improvement Program | 33.0 | 69.0 | 0.0 | 0.0 | 0.0 | 102.0 |
| 2.0520 | Short Range Transit Planning | 7.0 | 9.0 | 0.0 | 0.0 | 0.0 | 16.0 |
| | 2.05 Subtotal | 40.0 | 78.0 | 0.0 | 0.0 | 0.0 | 118.0 |
| 2.0618 | Coordination with Statewide Planning | 9.0 | 5.0 | 0.0 | 0.0 | 0.0 | 14.0 |
| 2.0619 | Special Studies | 2.0 | 4.0 | 0.0 | 0.0 | 0.0 | 6.0 |
| 2.0641 | Safety Conscious Planning | 6.0 | 9.0 | 0.0 | 0.0 | 0.0 | 15.0 |
| 2.0643 | Freight Planning | 1.0 | 3.0 | 0.0 | 0.0 | 0.0 | 4.0 |
| 2.0645 | Air Quality Planning | 14.0 | 6.0 | 0.0 | 0.0 | 0.0 | 20.0 |
| | 2.06 Subtotal | 32.0 | 27.0 | 0.0 | 0.0 | 0.0 | 59.0 |
| 3.0000 | Public Involvement | 16.0 | 18.0 | 0.0 | 0.0 | 0.0 | 34.0 |
| | 3.00 Subtotal | 16.0 | 18.0 | 0.0 | 0.0 | 0.0 | 34.0 |
| 4.0100 | Program Development and Management | 17.0 | 59.75 | 0.0 | 0.0 | 0.0 | 76.8 |
| | 4.01 Subtotal | 17.0 | 59.75 | 0.0 | 0.0 | 0.0 | 76.8 |
| | TOTAL | 130.0 | 262.75 | 41.0 | 46.0 | 0.0 | 479.8 |
| | Staff Currently Available | 130.0 | 262.75 | 41.0 | 46.0 | 0.0 | 479.8 |

**BATTLE CREEK AREA TRANSPORTATION STUDY
FY 2022 UNIFIED WORK PROGRAM**

Schedule C--Work Item Funding (\$)

| ITEM # | WORK ITEM DESCRIPTION | FHWA SPR (MDOT) | FHWA CONSOLIDATED | STATE (MDOT) | LOCAL | TOTAL |
|---------------|---|----------------------------|------------------------------|-------------------------|---------------|----------------|
| 1.0000 | Data Collection & Analysis | 3,229 | 57,826 | 716 | 12,823 | 74,594 |
| 1.0040M | Asset Management (MDOT funded project*) | 0 | 0 | 20,500 * | 0 | 20,500 |
| | SUBTOTAL | 3,229 | 57,826 | 21,216 | 12,823 | 95,094 |
| 2.0428 | Long Range Transportation Planning | 8,548 | 15,609 | 1,896 | 3,461 | 29,514 |
| | SUBTOTAL | 8,548 | 15,609 | 1,896 | 3,461 | 29,514 |
| 2.0501 | Transportation Improvement Program | 15,573 | 54,913 | 3,453 | 12,177 | 86,116 |
| 2.0520 | Short Range Transit Planning | 3,134 | 7,418 | 695 | 1,645 | 12,892 |
| | SUBTOTAL | 18,707 | 62,331 | 4,148 | 13,822 | 99,008 |
| 2.0618 | Coordination with Statewide Planning | 4,179 | 4,272 | 927 | 947 | 10,325 |
| 2.0619 | Special Studies | 950 | 3,227 | 211 | 716 | 5,104 |
| 2.0641 | Safety Conscious Planning | 3,044 | 8,973 | 675 | 1,990 | 14,682 |
| 2.0643 | Freight Planning | 666 | 2,527 | 148 | 560 | 3,901 |
| 2.0645 | Air Quality Planning | 6,649 | 5,136 | 1,474 | 1,139 | 14,398 |
| | SUBTOTAL | 15,488 | 24,135 | 3,435 | 5,352 | 48,410 |
| 3.0000 | Public Involvement and Education | 7,409 | 18,848 | 1,643 | 4,179 | 32,079 |
| | SUBTOTAL | 7,409 | 18,848 | 1,643 | 4,179 | 32,079 |
| 4.0100 | Program Development and Management | 7,979 | 58,687 | 1,769 | 13,014 | 81,449 |
| | SUBTOTAL | 7,979 | 58,687 | 1,769 | 13,014 | 81,449 |
| | TOTAL | 61,360 | 237,436 | 34,107 | 52,651 | 385,554 |

* MDOT providing the BCATS program with \$20,500 in "M" funds to support this activity - no local share is required.

**SCHEDULE D
BATTLE CREEK AREA TRANSPORTATION STUDY**

**LOCAL SHARE FUNDING TABLE
FY 2022**

| UNIT | Federally Required Cash Contribution | Total Cash Contribution |
|---|---|------------------------------------|
| City of Battle Creek (55.7%* of \$48,658 for cash, plus \$1,996 for CBC Public Works activity) | 29,099 | 29,099 |
| Calhoun County/Calhoun County Road Department (38.7%* of \$48,658 for cash plus, \$1,996 for CCRD specific activity) | 20,827 | 20,827 |
| City of Springfield (5.6%* of \$48,658 for cash) | 2,725 | 2,725 |
| TOTAL | 52,651 | 52,651 |

NOTES:

1. *Shares based on U.S. Census 2010 population figures

BATTLE CREEK AREA TRANSPORTATION STUDY - FY 2022 UNIFIED WORK PROGRAM
SCHEDULE E - DISTRIBUTION OF FUNDING TO LOCAL AGENCIES (page 1)

| WORK ITEM # | WORK ITEM | BCATS | | | B.C. PUBLIC WORKS/BCT | | | SPRINGFIELD |
|----------------|--------------------------------------|----------------|---------------|---------------|-----------------------|--------------|--------------|-------------|
| | | FHWA CON. | LOC. | MDOT* | FHWA CON. | LOC. | MDOT* | MDOT* |
| 1.0000 | Data Collection and Analysis | 39,819 | 8,830 | 0 | 9,004 | 1,996 | 0 | 0 |
| 1.0040M | Asset Management MDOT Project* | 0 | 0 | 13,486 | 0 | 0 | 3,507 | 0 |
| | SUBTOTAL | 39,819 | 8,830 | 13,486 | 9,004 | 1,996 | 3,507 | 0 |
| 2.0428 | Long Range Transportation Planning | 15,609 | 3,461 | 0 | 0 | 0 | 0 | 0 |
| | SUBTOTAL | 15,609 | 3,461 | 0 | 0 | 0 | 0 | 0 |
| 2.0501 | Transportation Improvement Program | 54,913 | 12,177 | 0 | 0 | 0 | 0 | 0 |
| 2.0520 | Short Range Transit Planning | 7,418 | 1,645 | 0 | 0 | 0 | 0 | 0 |
| | SUBTOTAL | 62,331 | 13,822 | 0 | 0 | 0 | 0 | 0 |
| 2.0618 | Coordination with Statewide Planning | 4,272 | 947 | 0 | 0 | 0 | 0 | 0 |
| 2.0619 | Special Studies | 3,227 | 716 | 0 | 0 | 0 | 0 | 0 |
| 2.0641 | Safety Conscious Planning | 8,973 | 1,990 | 0 | 0 | 0 | 0 | 0 |
| 2.0643 | Freight Planning | 2,527 | 560 | 0 | 0 | 0 | 0 | 0 |
| 2.0645 | Air Quality Planning | 5,136 | 1,139 | 0 | 0 | 0 | 0 | 0 |
| | SUBTOTAL | 24,135 | 5,352 | 0 | 0 | 0 | 0 | 0 |
| 3.0000 | Public Involvement and Education | 18,848 | 4,179 | 0 | 0 | 0 | 0 | 0 |
| | SUBTOTAL | 18,848 | 4,179 | 0 | 0 | 0 | 0 | 0 |
| 4.0100 | Program Development and Management | 58,687 | 13,014 | 0 | 0 | 0 | 0 | 0 |
| | SUBTOTAL | 58,687 | 13,014 | 0 | 0 | 0 | 0 | 0 |
| | TOTAL | 219,429 | 48,658 | 13,486 | 9,004 | 1,996 | 3,507 | 0 |

* MDOT providing BCATS with M funds to support this activity - no local share is required

**BATTLE CREEK AREA TRANSPORTATION STUDY - FY 2022 UNIFIED WORK PROGRAM
SCHEDULE E - DISTRIBUTION OF FUNDING TO LOCAL AGENCIES (page 2)**

| WORK ITEM # | WORK ITEM | CALHOUN CO ROAD DEPARTMENT | | | TOTAL BY FUNDING SOURCE | | | GRAND |
|----------------|--------------------------------------|----------------------------|--------------|--------------|-------------------------|---------------|---------------|----------------|
| | | FHWA CON | LOC. | MDOT* | FHWA CON. | LOC. | MDOT* | TOTAL |
| 1.0000 | Data Collection and Analysis | 9,004 | 1,996 | 0 | 57,826 | 12,823 | 0 | 70,649 |
| 1.0040M | Asset Management MDOT Project* | 0 | 0 | 3,507 | 0 | 0 | 20,500 | 20,500 |
| | SUBTOTAL | 9,004 | 1,996 | 3,507 | 57,826 | 12,823 | 20,500 | 91,149 |
| 2.0428 | Long Range Transportation Planning | 0 | 0 | 0 | 15,609 | 3,461 | 0 | 19,070 |
| | SUBTOTAL | 0 | 0 | 0 | 15,609 | 3,461 | 0 | 19,070 |
| 2.0501 | Transportation Improvement Program | 0 | 0 | 0 | 54,913 | 12,177 | 0 | 67,090 |
| 2.0520 | Short Range Transit Planning | 0 | 0 | 0 | 7,418 | 1,645 | 0 | 9,063 |
| | SUBTOTAL | 0 | 0 | 0 | 62,331 | 13,822 | 0 | 76,153 |
| 2.0618 | Coordination with Statewide Planning | 0 | 0 | 0 | 4,272 | 947 | 0 | 5,219 |
| 2.0619 | Special Studies | 0 | 0 | 0 | 3,227 | 716 | 0 | 3,943 |
| 2.0641 | Safety Conscious Planning | 0 | 0 | 0 | 8,973 | 1,990 | 0 | 10,963 |
| 2.0643 | Freight Planning | 0 | 0 | 0 | 2,527 | 560 | 0 | 3,087 |
| 2.0645 | Air Quality Planning | 0 | 0 | 0 | 5,136 | 1,139 | 0 | 6,275 |
| | SUBTOTAL | 0 | 0 | 0 | 24,135 | 5,352 | 0 | 29,487 |
| 3.0000 | Public Involvement and Education | 0 | 0 | 0 | 18,848 | 4,179 | 0 | 23,027 |
| | SUBTOTAL | 0 | 0 | 0 | 18,848 | 4,179 | 0 | 23,027 |
| 4.0100 | Program Development and Management | 0 | 0 | 0 | 58,687 | 13,014 | 0 | 71,701 |
| | SUBTOTAL | 0 | 0 | 0 | 58,687 | 13,014 | 0 | 71,701 |
| | TOTAL | 9,004 | 1,996 | 3,507 | 237,436 | 52,651 | 20,500 | 310,587 |

* MDOT providing BCATS with M funds to support this activity - no local share is required