

Overall Work Program Fiscal Year 2022-2023



Madera County Transportation Commission

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Contents

Introduction.....	4
Comprehensive Planning Process.....	19
Transportation Planning Issues	27
Core Planning Functions	33
Federal Planning Factors.....	35
2021 Planning Emphasis Areas:.....	37
Regional Transportation Planning	43
Work Element 101 Regional Transportation Plan / Sustainable Communities Strategy and Environmental Impact Report	44
Work Element 102 Regional Housing Planning Program	50
Work Element 103 Zero-Emission Vehicle Readiness and Implementation Plan	53
Work Element 104 Oakhurst Multi-modal Mobility Study	57
Public Transportation Planning	61
Work Element 201 Transit.....	62
Work Element 202 Rail	66
Active Transportation Planning	70
Work Element 301 Active Transportation Planning	71
Highways, Corridors, and Routes of Regional Significance	74
Work Element 401 Highways, Corridors, and Routes of Regional Significance	75
Programming and Financial Management	81
Work Element 501 Transportation Program Development	82
Work Element 502 Project Coordination and Financial Programming.....	87
Data Services, Forecasting, and Modeling	90
Work Element 601 Travel Demand Model Management	91
Work Element 602 Air Quality Modeling.....	95
Work Element 603 GIS and Mapping Resources.....	99
Work Element 604 Performance Management and Data Development	103
Work Element 605 Regional Traffic Monitoring Program	107
Public Participation Program.....	110
Work Element 701 Public Participation Program.....	111
Project Administration	116

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

Work Element 801 Transportation Development Act117
Other Activities121
Work Element 901 Lobbying122
Work Element 902 Other.....124
Overall Work Program131
Work Element 1001 Overall Work Program132
Measure "T" Administration134
Work Element 1101 MCTA Administration.....135
Acronyms138
Appendices141

Introduction

Overview

The Madera County Transportation Commission (MCTC) is the Regional Transportation Planning Agency (RTPA), Metropolitan Planning Organization (MPO), and the Local Transportation Commission for Madera County designated pursuant to Title 3, Division 3, Chapter 2, Article II, and Section 29532 of the California Government Code. MCTC is responsible for the development and adoption of the Regional Transportation Plan and Transportation Improvement Program required by State law (California Government Code Sections 65080 et al.) and has entered several Memoranda of Understanding (MOU) with the California Department of Transportation (Caltrans) for delivery of these projects. The current MOU reflects Federal requirements per Federal transportation legislation. The Madera metropolitan boundary area shall cover the entire County of Madera. MCTC's role is to foster intergovernmental coordination; undertake comprehensive regional planning with an emphasis on transportation issues; provide a forum for citizen input into the planning process; and to provide technical services to its member agencies. In all these activities MCTC works to develop a consensus among its members with regards to multi-jurisdictional transportation issues.

Description

Madera County is located in California's San Joaquin Central Valley. Encompassing 2,147 square miles, the County is situated in the geographic center of the State of California along State Route (SR) 99, approximately 18 miles north of Fresno. The County has an average altitude of 265 feet ranging from 180 to 13,000 feet above sea level. The San Joaquin River forms the south and west boundaries with Fresno County. To the north, the Chowchilla River forms a portion of the boundary with Merced County. Mariposa County forms the remainder of the northern boundary.

The crest of the Sierra Nevada Mountains forms the eastern boundary with Mono County. Generally, the County can be divided into three broad geographic regions in the valley area on the west; the foothills between Madera Canal and the 3,500-foot elevation contour; and the mountains from the 3,500-foot contour to the crest of the Sierra Nevada Mountains.

The valley area is generally flat and ranges in elevation from 180 to 1,000 feet. This area contains approximately two-thirds of the County's population and includes the cities of Chowchilla and Madera, as well as the unincorporated communities of Fairmead, Madera Ranchos and Bonadelle Ranchos. A well-developed agricultural economic base characterizes this area.

The foothill area contains the remaining one-third of the County population residing in the unincorporated communities of Oakhurst, Ahwahnee, North Fork, Coarsegold, Raymond and Yosemite Lakes Park. The agricultural base in this area is primarily grazing. Much of the area's employment base is involved in the tourist-related services with a

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

significant commuter component going to Fresno, Madera and other valley employment and service centers.

Organizational Chart

MCTC is organized into a Board of Directors supported by the Policy Advisory Committee and the Technical Advisory Committee. MCTC staff includes an Executive Director; a Deputy Director/Fiscal Supervisor; two Principal Regional Planners; two Associate Regional Planners; an Administrative Analyst; and an Office Assistant. There is currently one standing committee - the Social Services Transportation Advisory Council (SSTAC) which reports through the Technical Advisory Committee. The relationship between the Board, its staff, and the committees is illustrated in [Figure 1](#) and discussed in more detail below.

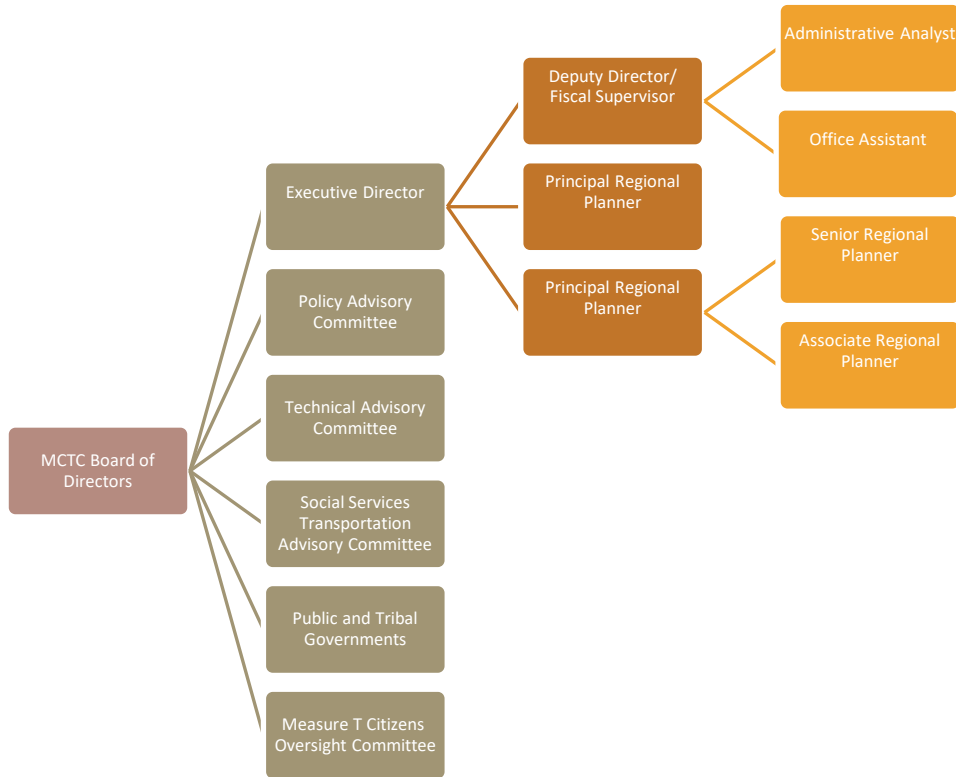
The MCTC Board of Directors is comprised of three (3) members from the Madera County Board of Supervisors; two (2) members from the Madera City Council; and one (1) member from the Chowchilla City Council. The members shall be appointed by the member agencies. Each member agency designates at least one alternate who shall be an elected member of the designated agency.

The Policy Advisory Committee (PAC) has the same membership as the Board with the addition of one (1) person representing the Caltrans District 6 Director. This committee reviews transportation plans and programs prior to action by MCTC, with particular attention to compliance with applicable State and Federal planning and programming requirements.

The Technical Advisory Committee (TAC) includes the County of Madera, City of Madera, City of Chowchilla, Tribal Governments, and one representative from Caltrans District 6. The North Fork Rancheria of Mono Indians of California and the Picayune Rancheria of Chukchansi Indians of California, and other tribal governments are also invited to participate in the monthly TAC meetings. The TAC reviews staff work conducted pursuant to this Overall Work Program; advises MCTC and PAC on transportation issues; and makes recommendations on planning and programming actions to be taken by MCTC. TAC review is generally focused upon the technical merits of various transportation issues coming before MCTC. Staff consults with tribal governments as it relates to transportation planning issues and initiates consultation with the tribal governments at the government-to-government level.

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

Figure 1



MCTC Organizational Chart

The Social Services Transportation Advisory Council (SSTAC) serves as a citizen advisory committee to MCTC regarding matters related to public transportation needs of Madera County residents. The SSTAC generally has one meeting each quarter. The first meeting is held in March prior to the “unmet transit needs” hearing. This initial meeting is used to familiarize the members with their role as advisors to MCTC and to select Council officers. The second meeting is scheduled following the “unmet transit needs” hearing to provide the Council with an opportunity to consider commentary presented at the hearing. The Council works with staff to develop recommendations for MCTC towards finding that public transportation needs that are reasonable to meet are being met.

Cooperative Agreements

To accomplish its objectives and responsibilities relative to maintaining maintenance of a continuing, cooperative, and comprehensive transportation planning program, MCTC has established working relationships with many State, regional, and local agencies. These agreements set the framework for a planning process that ultimately results in delivering transportation projects that conform to local, State, and Federal priorities for a safe, efficient, and environmentally sensitive transportation system.

Caltrans/Madera County Transportation Commission MOU – Comprehensive Transportation Planning

This is the Memorandum of Understanding (MOU) between MCTC and Caltrans. It recognizes MCTC's status as the Regional Transportation Planning Agency and Metropolitan Planning Organization for Madera County; identifies the major responsibilities for development and adoption of the Regional Transportation Plan and Transportation Improvement Program; establishes public participation requirements; establishes responsibility for development of the Overall Work Program and agency budget; identifies State funding available to MCTC for maintenance of the planning program; and establishes accounting and auditing procedures. This MOU was first adopted in September 1973 and was most recently updated in February 2017. The MOU is designed to reflect MCTC's planning responsibilities required pursuant to Federal transportation legislation and the Federal Clean Air Act Amendments of 1990. It also addresses State requirements related to implementation of Senate Bills 45 and 375.

San Joaquin Valley Transportation Planning Agencies, Caltrans, San Joaquin Valley Air Pollution Control District, Altamont Corridor Express/San Joaquin Joint Powers Authority MOU

The eight counties of the San Joaquin Valley encompass 27,280 square miles and are home to approximately 4 million residents. While large in size, the valley is not a heavily urbanized area like Los Angeles or the Bay Area but consists of a variety of urbanized centers with a great deal of rural territory in between. These urbanized centers have unique commute shed characteristics which can best be served by localized planning, while the broader regional issues can be more than adequately coordinated through the existing MOU's that are in place.

The eight San Joaquin Valley transportation planning agencies have executed a Memorandum of Understanding in response to requirements for a coordinated, comprehensive regional planning process contained in Federal transportation legislation. Specifically, this MOU provides for the close coordination of planning activities where interregional issues are involved. Areas currently being coordinated are the Regional Transportation Plan, the Transportation Improvement Program, air quality conformity process, transportation control measures, and transportation modeling. The MOU establishes a strong working relationship between the eight existing transportation planning agencies and satisfies Federal transportation legislation requirements to have a cooperative agreement between agencies located within the nonattainment area boundaries. The San Joaquin Valley Air Basin is designated as a nonattainment area for 8-hour ozone and particulate matter under 2.5 microns in diameter (PM_{2.5}) and has a maintenance plan for particulate matter under 10 microns in diameter (PM-10). The MOU also formed the Regional Policy Council, which is comprised of two elected officials from each of the eight San Joaquin Valley Counties. Later, the San Joaquin Valley Air Pollution Control District (in 2009) and the Altamont Corridor Express (ACE)/San Joaquin Joint Powers Authority (SJJPPA) (in 2021) also became members of the Regional Policy Council. The purpose of the Policy Council is to develop a process and framework for establishing formal San Joaquin Valley positions on issues where valley wide consensus exists.

Madera County Transportation Commission and Member Agency Working Agreements

MCTC has agreements with the City of Madera, the City of Chowchilla, and the County of Madera regarding the coordination of ongoing transit planning and programming of Federal funds that support the ongoing and future deployment of transit services.

MCTC has an agreement with Madera County for provision of the Auditor/Controller and an agreement with the Madera County Transportation Authority to provide administrative and planning services to that agency.

Madera County Transportation Commission, Kings County Association of Governments, Tulare County Association of Governments, Fresno Council of Governments, Santa Barbara County Association of Governments, Association of Monterrey Bay Area Governments, Napa County Transportation & Planning Agency, Ventura County Transportation Commission, and Sacramento Area Council of Governments CalVans Joint Powers Agreement

MCTC has entered into the California Vanpool Authority (CalVans) JPA with eight other RTPAs and MPOs to create, fund, operate and otherwise manage public transportation projects and programs aimed at providing qualified agricultural workers with safe affordable vehicles they could use to drive themselves and others to work. CalVans operates as a Public Transit Agency.

Madera County Transportation Commission, Kings County Association of Governments, Tulare County Association of Governments, Fresno Council of Governments, Kern Council of Governments, Merced County Association of Governments, San Joaquin Council of Governments, and Stanislaus Council of Governments MOU - San Joaquin Valley 511

MCTC has entered into an agreement with seven other San Joaquin Valley transportation planning agencies to provide traveler information via way of telephone and internet access. Caltrans District 6 turned over the existing SJV 511 website and associated hardware running the website to the members of the MOU.

Madera County Transportation Commission, Alameda County, Contra Costa Transportation Authority, Fresno Council of Governments, Kings County Association of Governments, Merced County Association of Governments, Sacramento Regional Transit, San Joaquin Regional Rail Commission, Stanislaus Council of Governments and Tulare County Association of Governments MOU – San Joaquin Joint Powers Authority

MCTC has entered into an agreement with ten other Regional Planning Agencies to protect the existing San Joaquin Rail Service and to promote its improvement. The "Intercity Passenger Rail Act of 2012" (AB 1779), was passed by the Legislature on August 30, 2012, and signed by Governor Brown on September 29, 2012. AB 1779 reauthorizes regional government agencies' ability to form the San Joaquin Joint Powers Authority (SJJPA) to take over the governance/management of the existing San Joaquin intercity passenger rail service between Bakersfield-Fresno-Modesto-Stockton- Sacramento-

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

Oakland. Madera County is represented on the SJPA Board by an MCTC Commissioner backed by an additional MCTC Commissioner as an Alternate.

Policy Making Process

Policy decisions are made by the Commission Board of Directors and are documented through formal resolution or minute order of MCTC. MCTC has six (6) members. A quorum is constituted when four (4) members are present at the meeting and a majority of the quorum is required for an action to be formally passed. Generally, MCTC seeks to develop consensus positions on issues brought forward for action.

MCTC is supported by the Technical Advisory Committee (TAC) which reviews all items to be brought before MCTC. The TAC generally meets at least five to seven working days prior to normally scheduled MCTC meetings. This provides adequate opportunity for key member agency staff to become familiar with issues, develop staff positions, and to brief their Board members on pending decisions. MCTC staff has a draft MCTC agenda and relevant supporting documentation available to the TAC and the final agenda and package are not sent out until after the TAC meeting.

Coordination Statement

MCTC is required to maintain a coordinated planning program. This coordination is accomplished at the local level through involvement of member agency staff in the plan development process and through participation on the Technical Advisory Committee.

There is a high level of interregional coordination required to respond to Federal transportation and air quality planning requirements. This coordination includes periodic meetings and workshops for policy board members and consultation with Federal Land Management Agencies and Federally Recognized Native American Tribal Governments within the eight-county valley area. There is staff coordination which includes attendance at monthly valley Council of Government (COG) director's meetings, formal staff working groups involved in preparation of the Regional Transportation Plans and Programs, traffic modeling, air quality modeling and conformity, Intelligent Transportation System (ITS), geographic information system development, congestion management, and other issues of valley-wide concern.

The valley transportation planning agencies have also developed an Overall Work Program which identifies areas of coordination and cooperation between the agencies as well as staff commitments to these activities.

Native American Tribal Government Requirements For Transportation Planning And Programming

Introduction

The U.S. DOT defines consultation as when: “one or more parties confer with other identified parties in accordance with an established process and, prior to taking action(s), considers the views of the other parties and periodically informs them about action(s) taken.” Some areas of consultation could include transportation, land use, employment, economic development, housing, community development and environmental issues.

Requirement to Consult

Consultation with Resource Agencies

23 CFR part 450 requires that the MPO shall consult, as appropriate, with State and local agencies responsible for land use management, natural resources, environmental protection, conservation, and historic preservation.

Native American Tribal Government Consultation and Coordination

23 CFR part 450.316(c) requires that when the MPO includes Tribal lands, the MPO shall appropriately involve the tribal government(s) in the development of the Metropolitan Transportation Plan and Federal Transportation Improvement Program.

Executive Order 13175, Consultation and Coordination with Indian Tribal Governments (November 6, 2000) establishes regular and meaningful consultation and collaboration with tribal officials in the development of Federal policies with tribal implications. The goals of this order are to strengthen government to government relationships with Indian tribes and to reduce the imposition of unfunded mandates upon local tribes.

Federally Recognized Tribes

A contact list of California Native American Tribes that are both federally and non-federally recognized is maintained by the Native American Heritage Commission. The North Fork Rancheria and Picayune Rancheria Chukchansi Indians Tribes are Federally Recognized Tribes in Madera County. Although consultation is not mandated for non-federally recognized tribes, this does not preclude the Madera County Transportation Commission (MCTC) from consulting with local non- federally recognized tribes when plans or activities might impact cultural values or the community.

Federal recognition is a legal distinction that applies to a tribe's right to a government-to-government relationship with the federal government and eligibility for federal programs.

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

All California Native American Tribes are distinct and independent governmental entities with specific cultural beliefs and traditions and unique connections to areas of California that are their ancestral homelands.

Federal and State law require local agencies to consult with federally recognized tribal governments prior to making transportation decisions, taking actions or implementing programs that may impact their communities. This activity is separate from, and precedes, the public participation process. Protocol should be flexible and dynamic with respect to initiation of communication and discussion format. More than one tribe may have an affiliation with the area of consideration. Individual consultation may be necessary if a combined consultation format is not preferred by the tribal government. Determining the degree and adequacy of consultation will vary depending on several factors including the scope of proposed activities, whether the activity is short-term or long-term, the cultural or political sensitivity of the issue at hand, and the number of potential stakeholders.

The MCTC intends to continue consulting with Native American Tribal Governments on activities that may impact their communities.

Consultation

The Executive Director or his/her designee is the designated MCTC official with principal responsibility for MCTC's implementation of consultation requirements for tribal governments and Federal Land Management Agencies. MCTC has adopted a Policy for Government-to-Government Consultation with Federal Land Management Agencies and Federally Recognized Native American Tribal Governments. At the appropriate time in the planning phase, contact shall be initiated directly with the tribal chairpersons to inquire as to protocols in place, such as cultural resource contacts, procedures, time limits and restrictions affecting communication. Development of mutually agreed-upon protocols may result in more effective consultation efforts with Federal Land Management Agencies and individual tribes.

Consultation is a process, not a single event, and communication should continue until the project or plan is complete. Consultation requests should include a clear statement of purpose, explaining the reason for the request and declaring the importance of participation in the planning process. The request should specify the location of the area of potential effect addressed in the proposal. All aspects of the consultation process should be documented, including how the lead agency reaches a final decision.

Planning Documents

Planning studies, Transportation Improvement Programs (FTIP, RTIP), Regional Transportation Plan (RTP), Active Transportation Plan (ATP) and Overall Work Program (OWP)

Consult with Federal Land Management Agencies and Federally Recognized Native American Tribal Governments in preparation of planning studies and programs affecting the agency and tribe:

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

- Initiate consultation by letter or email from the executive director or his/her designee to the agency and tribal chairperson or tribal representative.
- Offer to meet to discuss the agency and tribal needs and concerns regarding impacts within their jurisdiction during the preparation of documents. If the agency, tribal chairperson and/or their representatives elect not to meet, send a copy of the draft report for their review.
- Consult with agency and tribal governments while developing the RTP, addressing agency and tribal concerns regarding impacts within their jurisdiction and again prior to adoption of the RTP.
- Invite representatives of the agency and tribe to public meetings.

Transit studies, unmet transit needs hearing, transit needs assessment

Consult with the tribal governments on transit needs in their area:

- Initiate consultation and invitation to the unmet transit needs hearing by letter from the executive director or his/her designee to tribal chairperson or tribal representative.
- Offer to meet to discuss the tribe's transit needs and concerns.
- Outreach to members of the tribe through local newspapers, Native American newsletters, or trust lands meeting places.

Grant Programs: Federal Transit Administration Transit Grant Programs, etc.

Coordinate with the tribal governments to provide information and technical assistance on grant programs administered by the MCTC or other agencies:

- Initiate consultation by letter from the executive director or his/her designee to the tribal chairperson or tribal representative.
- Provide notice of each grant and its application deadlines.
- Invite representatives of the tribe to training or public meetings regarding the grants. Coordinate between the tribe and MCTC member agencies.
- Consult with and consider the interests of the tribal government.

State Funded Grants: Senate Bill 1, Active Transportation Program, Affordable Housing and Sustainable Communities Program

- Initiate consultation by letter from the executive director or his/her designee to the tribal chairperson or tribal representative.
- Provide notice of each grant and its application deadlines.
- Invite representatives of the tribe to training or public meetings regarding the grants.
- Coordinate between the tribe and MCTC member agencies.
- Consult with and consider the interests of tribal governments.

Tribal Transportation Program (TTP) – Highway Trust Fund Planning and Programming

Coordinate amongst planners and engineers in local agencies and tribes:

- Offer to meet to discuss the tribe's needs and concerns when contacted by tribal

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

representatives.

- Provide assistance in TTP planning.
- Coordinate with federal entities as requested by the tribe.

Citizen Participation

MCTC provides opportunity for citizen participation through the public hearing process. Staff developed a Public Participation Plan (last updated the plan in 2020), per Federal requirements, documenting the MCTC's procedure to allow for public input to provide for coordination, consultation, and collaboration (including tribal governments) in the development of MCTC's plans and programs. MCTC has an assigned staff person to serve as a Tribal Liaison.

MCTC also holds public workshops and other stakeholder group meetings as necessary and required to allow the public to participate throughout the transportation planning process. The annual Unmet Transit Needs Public Hearing is publicized in the local media and flyers are distributed throughout the community in both Spanish and English. Transportation services and Spanish language translation for the Unmet Transit Needs Public Hearing is also provided by MCTC. Those unable to attend are encouraged to submit their comments in writing via email or post. In addition, the Social Services Transportation Advisory Council (SSTAC) provides an excellent forum for discussion of issues of concern to recipients of public transportation services.

New Federal legislation has placed an increased emphasis upon effective community involvement. MCTC continues its efforts to explore ways to reach a broader public to provide information, develop public awareness, and provide for an enhanced level of public involvement in MCTC's decision making process.

The MCTC website provides the general public the opportunity to access meeting agendas and minutes, review planning documents, and submit comments.

Equal Opportunity Statement/Disadvantaged Business Enterprise

The Madera County Transportation Commission is an Equal Opportunity employer. It is the policy of MCTC to select the best-qualified person for each position in the organization based on merit. MCTC prohibits unlawful discrimination against an applicant or employee based on race, creed, color, religion, sex, sexual orientation or status, marital status, gender identity (including perception of gender), national origin, ancestry, age, physical or mental disability or military/veteran status. MCTC prohibits discrimination based upon medical conditions including genetic characteristics, or any other consideration made unlawful by federal, state, or local laws. MCTC further prohibits unlawful discrimination based upon the perception that anyone has any of the characteristics described above or is associated with a person who has or is perceived as having any of those characteristics. This policy applies to all employment practices and personnel actions. It is the policy of MCTC to seek out, hire, develop, and promote qualified members of protected groups (defined above) to reflect the citizens of the communities it serves.

The Madera County Transportation Commission has established a Disadvantaged Business Enterprise (DBE) program in accordance with regulations of the U.S. Department of Transportation (DOT), 49 CFR Part 26. MCTC has received Federal financial assistance

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

from the Department of Transportation, and as a condition of receiving this assistance, MCTC has signed an assurance that it will comply with 49 CFR Part 26.

Transportation Planning Process

Transportation planning is a continuous process driven by the need to provide a safe and efficient system of transportation facilities and services to the public. There are several significant forces which influence the delivery of transportation projects and services, and the process must be sufficiently open to allow for fair hearing of the various positions of the client population. There is an array of Federal and State laws, procedures, and guidelines which control transportation planning which effectively establishes the framework that MCTC is expected to operate within. The process as described here is simplified to identify the major components or products which largely define the activities of MCTC.

Overall Work Program

The Overall Work Program (OWP) is the controlling document for MCTC work activities. It documents past accomplishments, identifies all scheduled work for the coming program year, and establishes a detailed budget required to deliver the annual program. The OWP is organized to provide a broad discussion of MCTC, its organization, and significant transportation issues. This is followed by the detailed work elements which identify broad projects, specific tasks and products related to each project, and a specific budget for each project. Staffing levels, consultant services, and capital acquisitions are explicitly identified in each work element.

The OWP is a primary means of communication between staff, the MCTC Board, and State and Federal funding agencies. Through the OWP, MCTC is aware of all staff activities, major projects, and significant milestones. The OWP also serves as a grant application to State and Federal agencies for State planning and research funds, and various Federal transit planning programs.

Regional Transportation Plan

The Regional Transportation Plan (RTP) is the primary planning product of MCTC. The RTP is developed and adopted on a quadrennial basis pursuant to Federal requirements. The Madera County 2018 RTP was developed in accordance with Federal MPO Planning Final Rule: FHWA CFR Parts 450 and 500; FTA CFR Part 613 and was adopted on September 19, 2018, by the MCTC Policy Board. The RTP is organized to present a comprehensive set of transportation goals, policies, and objectives for Madera County. It then presents a discussion of the current conditions and an action plan for transportation improvements. This is organized generally by modal elements such as streets and highways, public transportation, rail, aviation, bicycle, and pedestrian, as well as specific issues such as transportation demand management, transportation control measures, and Blueprint planning. The final section evaluates fiscal resources available for plan implementation. The plan is required to look at least twenty years into the future and is also required to be financially constrained. This means that only projects which have a reasonable

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

expectation of being funded in the twenty-year time frame are to be shown in the RTP.

The RTP is supported by several special plans and studies generally related to specific modes such as the Active Transportation Plan, Regional Bikeways Facilities Plan, and the Short Range Transit Development Plan. Projects such as these are generally done outside of the RTP. Findings and recommendations from the special studies and in particular construction projects must be incorporated into the RTP before they may be advanced for programming and construction.

The 2018 RTP incorporated a Sustainable Communities Strategy (SCS) in compliance with the greenhouse gas reduction requirements of SB 375. The SCS element of the RTP demonstrates the integration of land use, transportation strategies, and transportation investments within the RTP. This requirement was put in place by the passage of California Senate Bill 375, with the goal of ensuring that the MCTC region can meet its regional greenhouse gas reduction targets set by the California Air Resources Board (ARB).

Air Quality Conformity Requirements

The Federal Clean Air Act Amendments of 1990 require that projects included in the RTP are subject to a finding of conformity with the applicable air quality plans for the San Joaquin Valley. Under Federal law no federally funded project or project requiring Federal approval can be advanced unless it comes from an air quality conforming RTP. Madera County is located in the San Joaquin Valley Air Basin and is currently a non-attainment area for 8-Hour Ozone and PM-2.5.

Federal Transportation Improvement Program (FTIP)

The Federal Transportation Improvement Program (FTIP) is the vehicle by which transportation projects are advanced for funding. The FTIP is developed pursuant to State and Federal guidelines and is required to be consistent with current estimates of State and Federal funding available to governmental entities within Madera County. The FTIP is intended to be a short-range programming document and generally shows projects within the four year or quadrennial element. Additional years or "out years" project listings are included when the information is available. The 2021 FTIP was adopted in February 2021, receiving Federal approval in April 2021. The preparation of the 2023 FTIP began in Winter 2021 and is scheduled for adoption in Summer 2022. Federal approval is anticipated in December 2022.

Projects to be included in the FTIP are derived from recommendations contained in the Regional Transportation Improvement Program (RTIP) and RTP. Additionally, CMAQ, FTA projects, and regionally significant projects advanced by local agencies are also programmed in the FTIP. Street and highway capital improvement projects are derived from the CTC approved projects contained in the State Transportation Improvement Program.

Due to its location within the San Joaquin Valley Air Basin, Madera County is subject to a requirement to make air quality conformity findings on the Regional Transportation Plan

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

and the Transportation Improvement Program pursuant to Federal requirements identified in both the Clean Air Act Amendments of 1990, and Federal transportation legislation. Under the provision of the Clean Air Act of 1990, Madera County, as part of the greater San Joaquin Valley Air Basin has been designated as an “Extreme” nonattainment area for 8-Hour Ozone, nonattainment for PM 2.5 and has a maintenance plan for PM-10. Transportation projects cannot advance to construction without first coming from air quality conformed plans and programs. Establishing and maintaining air quality conformity is expected to present significant challenges for San Joaquin Valley over the coming years.

The 2022 RTP, 2023 FTIP, and related Air Quality Conformity will be adopted in 2022. MCTC will continue implementing important projects that include the advancement of highway, bike, pedestrian, and transit projects as part of the 2021 FTIP, until mid-December 2022.

The FTIP is developed pursuant to State and Federal guidelines and is required to be consistent with current estimates of State and Federal funding available to governmental entities within Madera County. The FTIP is intended to be a short-range programming document and generally shows projects within the four year or quadrennial element. Additional years or “out years” project listings are included when the information is available. The 2021 FTIP was adopted in February 2021, receiving Federal approval in April 2021. The 2023 FTIP is scheduled for adoption in Summer 2022.

Other Technical Activities

Existing Conditions of Travel, Transportation Facilities, and Systems Management
MCTC maintains a program to monitor travel on regionally significant roads within Madera County. An annual product of this program is a report presenting summary travel information on monitored roadways. This report is used by local traffic engineers in analysis and development of projects. One use for data collection is maintenance and calibration of the Madera County Travel Demand Model.

Projections for Economic, Demographic and Land Use Activities for Transportation Planning

MCTC relies on economic, demographic, and land use projections from its member agencies as the basis for transportation planning activities. MCTC staff works with agency staffs to assure that projections are consistent. Agency land use plans are particularly important in this regard since these provide the basis of future traffic patterns and characteristics. Madera County's General Plan was last updated in 1995. The City of Madera adopted an updated General Plan in 2009. The City of Chowchilla adopted an updated General Plan in 2016.

As a support to its local agencies, MCTC provides travel demand forecasts for local development proposals, which in part, enable the local agency to quantify the impacts of development on the transportation infrastructure. The technical assistance provided by MCTC with respect to traffic forecasting enhances the ability of its member agencies to make informed decisions regarding population growth and economic development.

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

Analysis of Future Transportation Need and Alternative Transportation Improvements

MCTC has developed a countywide travel demand model. This model enhances the ability of local agencies and MCTC staff to project and analyze future traffic conditions. The model is critically important to satisfying demands for air quality analysis for valley wide air planning studies and for plan, program, and project conformity requirements.

Refinement of the Regional Transportation Plan through Special Studies

MCTC undertakes special transportation studies as required and in response to specific needs. Madera County participated in the Intelligent Transportation System (ITS) study along with other Regional Transportation Planning Agencies. This effort was supervised by the San Joaquin COG and included participation by the Caltrans Research and Innovation Program. The Development of ITS Strategic Plans are prepared in partnership efforts to fully consider regional needs and constraints in tailoring ITS applications to best serve the public. Staff will consult Federal Highways Administration prior to beginning Systems Engineering Analysis and Design to determine if FHWA approval of the Systems Engineering Analysis is required. ITS projects will be noted in the Federal Transportation Improvement Program that implement the ITS Plan per the Planning activities documentation. ITS projects are defined as: 1) multi-modal, 2) multi-jurisdictional, or 3) having significant regional impact. MCTC participated in the development of the San Joaquin Valley Intelligent Transportation System Strategic Deployment Plan and includes the plan as an appendix to long range planning documents.

MCTC participated in Phase III of the San Joaquin Valley Goods Movement study which was a cooperative project between Caltrans District 6/10 and the Valley's eight Metropolitan Planning Organizations to develop a Truck Travel Demand Model for the San Joaquin Valley.

Also, MCTC and agency staffs have participated in regular meetings with Fresno County agencies regarding transportation projects of mutual interest like rail consolidation and the San Joaquin River Crossing Study.

The San Joaquin Valley Regional Blueprint facilitates the continued integration of land use and transportation planning that will build upon the foundation set by the Growth Response Study. A development blueprint for Madera County was established utilizing a comprehensive scenario planning tool and extensive stakeholder and public outreach. The Madera County Preferred Scenario was incorporated into the greater San Joaquin Valley Regional Blueprint that was subsequently adopted by the regional Policy Council. The SJV Regional Blueprint will provide products to support long-range land-use and transportation planning for the eight valley counties in the region as an extension of the efforts of the San Joaquin Valley Partnership.

Comprehensive Planning Process

Planning Area

Madera County is located in the geographic center of California. The county extends from the Sierra Nevada crest on its eastern boundary to the San Joaquin River on its southern and western boundaries. It is served by three major interregional routes: State Route 99 is the primary travel corridor through the San Joaquin Valley; State Route 41 provides the primary south access to Yosemite National Park and the Sierra National Forest recreation area; and State Route 152 provides a major east-west corridor to the Santa Clara Valley and San Francisco regions. There is no Interstate facility within Madera County. The County is also served by two national rail carriers - Union Pacific and Burlington Northern & Santa Fe, with Amtrak service available on the Burlington Northern & Santa Fe line. [Figure 2](#) provides a geographical overview of Madera County highlighting the regional street and highway network and other important transportation features.

Madera County is characterized as rural with an estimated population of 158,474 in 2021. In 2021, the California Department of Finance (DOF) estimated that 66,172 people reside in the City of Madera (42%); 17,330 in the City of Chowchilla (11%); and 74,972 in the unincorporated area (47%). Since 2000, when Madera County's total population was 123,109 there has been an approximate 29% increase in population. Much of this growth occurred in the incorporated areas of the county. According to the 2010 Census, 93,485 persons, or 62% of the county population falls under the category of racial minority. [Figure 3](#) displays a population density map of the County. [Figure 4](#) displays *CalEnviroScreen Disadvantaged Communities in Madera County*.

The county is divided into four planning areas -- the Madera urbanized area, the Chowchilla urban area, the Madera Ranchos/State Route 41 area, and the foothill/mountain communities' area. Madera and Chowchilla are incorporated cities. Significant rural communities are found in Oakhurst/Ahwahnee/Bass Lake, Coarsegold/Yosemite Lakes Park, North Fork, Bonadelle Ranchos-Madera Ranchos, and Fairmead.

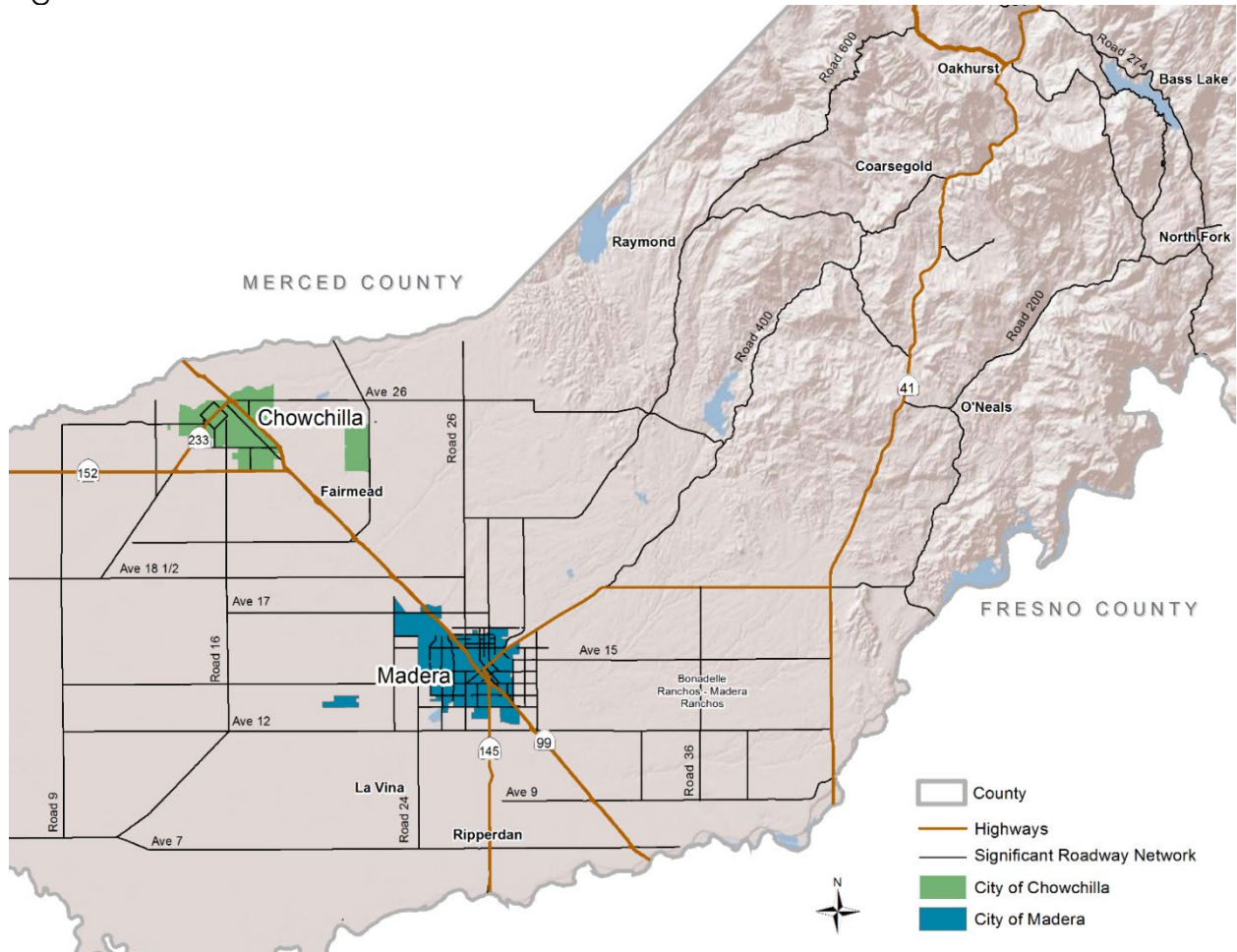
Employment is based on agriculture and forestry (30.6%), services (19.6%), government (18.9%), wholesale and retail trade (14.4%), manufacturing (8.5%), and construction and mining (3.9%). There is a relatively high regional unemployment rate at 8.2% (2018 EDD) which reflects a need for development of more employment opportunities within the county. Over the last ten years, service industries, construction, and retail trade have shown the fastest growth rates. Madera County has more workers than jobs. In 2010, an estimated 12,000 county residents were commuting to jobs outside the county, primarily to Fresno County.

Madera County's significant regional characteristics define its goals and priorities as it relates to transportation planning. Madera County is primarily an agriculture county. Commercial, Industrial, and Tourism activities are important employment generators for

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

the county. It is important that the County provide a good overall transportation system to sustain these activities. It is essential that a comprehensive and a well-conceived plan for providing transportation system services is developed through the participation of local, state, tribal, and federal agencies.

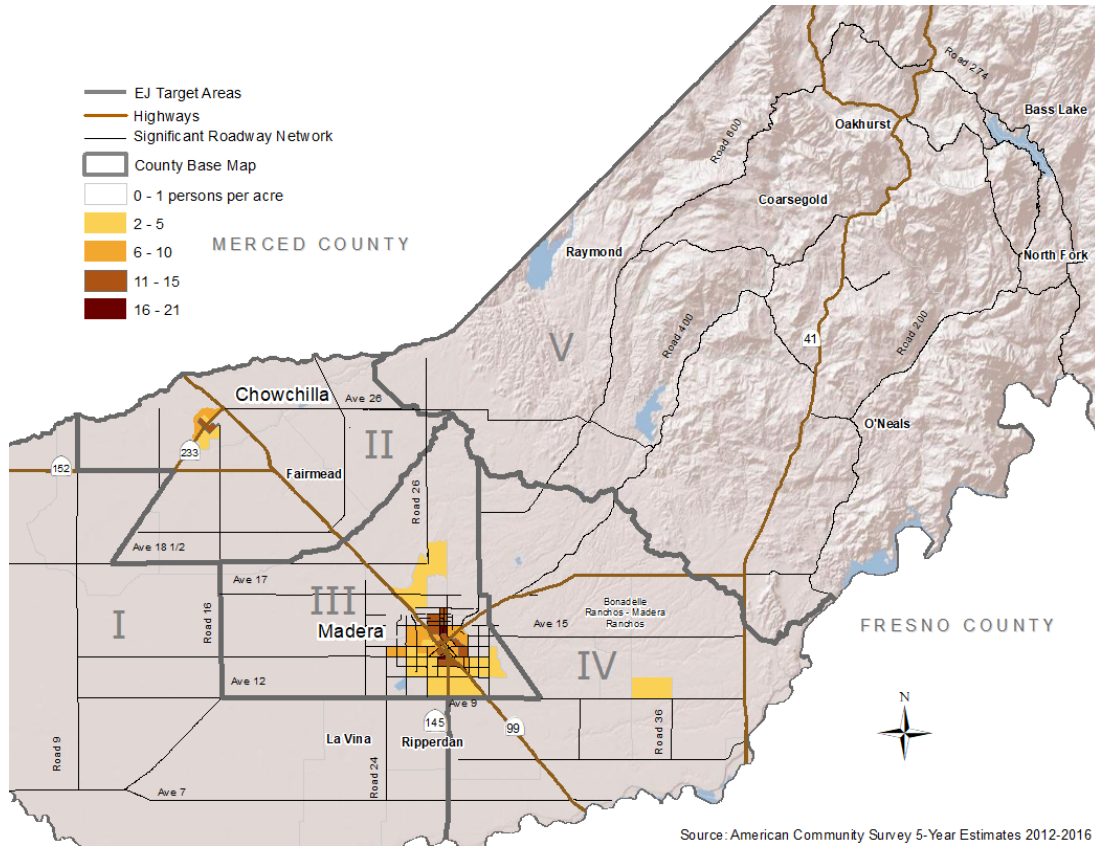
Figure 2



Geographical overview of Madera County highlighting the regional street and highway network and other important transportation features

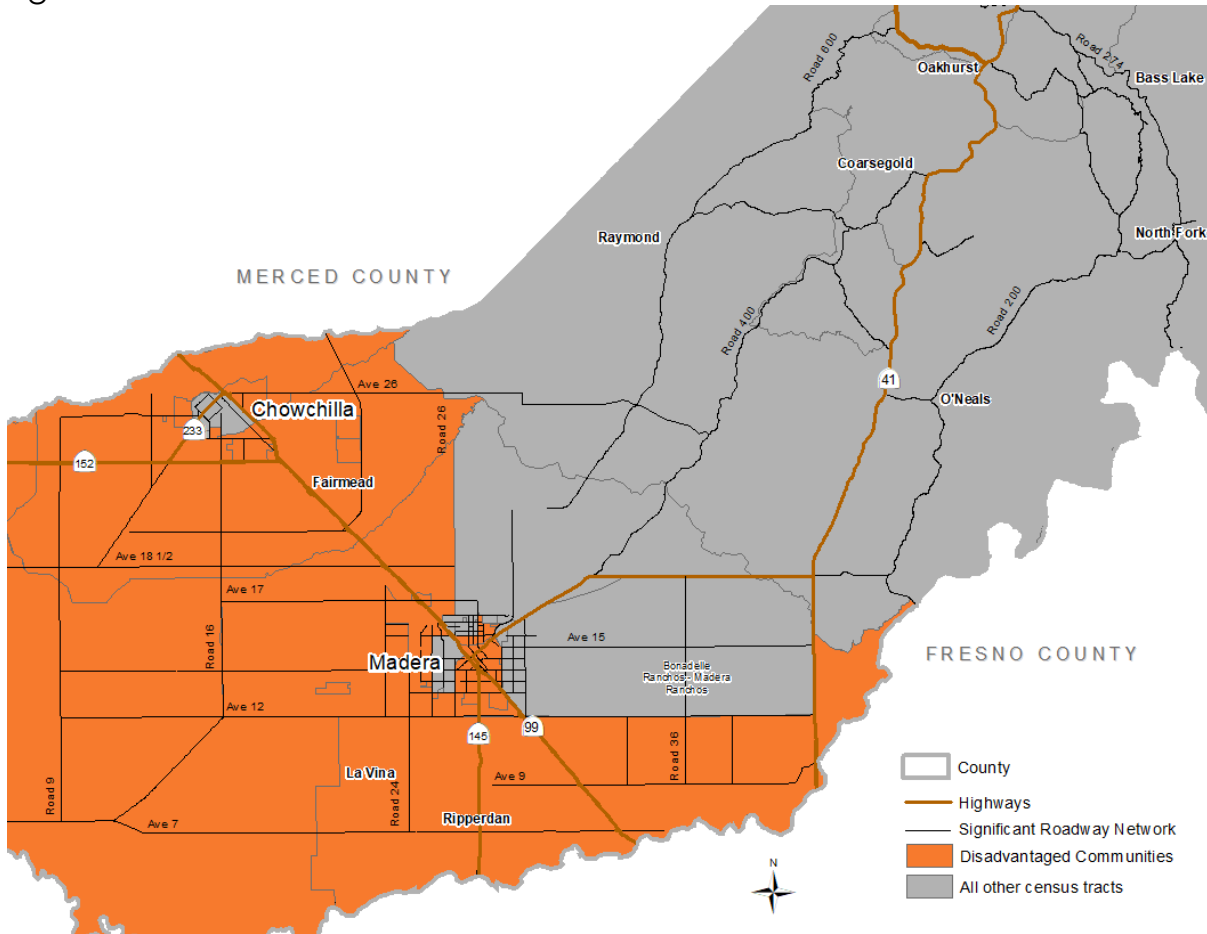
Madera County Transportation Commission
 Overall Work Program Fiscal Year 2022-23

Figure 3



Population density map of Madera County

Figure 4



CalEnviroScreen Disadvantaged Communities in Madera County

Planning Designations and Responsibilities

The Madera County Transportation Commission was created in response to the need to provide a coordinated approach to resolving issues of multi-jurisdictional concern such as transportation, energy conservation, and air quality. MCTC provides a regional forum for development and consideration of plans and programs to address these complex issues. Relative to satisfying regional planning and coordination responsibilities, MCTC has the following State designations:

Regional Transportation Planning Agency (RTPA)

Pursuant to State law, MCTC has been designated as the Regional Transportation Planning Agency for Madera County and has the following broad responsibilities:

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

Planning and Programming Responsibilities

- RTP Regional Transportation Plan
- RTIP Regional Transportation Improvement Program
- TCM Transportation Control Measures

Transportation Development Act Administrative Functions

Period	Administrative Function
Annual	TDA fund apportionment
Annual	TDA fund allocations
As Needed	TDA fund claims
Annual	TDA fiscal and compliance audits
Annual	Unmet transit needs finding
Annual	Transit productivity evaluation
Triennial	TDA performance audits

Local Transportation Commission (LTC)

The Madera County Transportation Commission serves as the Local Transportation Commission (LTC) for Madera County and was created pursuant to Section 29535 of the California Government Code.

Metropolitan Planning Organization (MPO)

MCTC is the Federal and State designated Metropolitan Planning Organization for Madera County. Pursuant to this designation, the agency, in cooperation with the State, is responsible for implementing a continuing, cooperative, and comprehensive transportation planning process for Madera County. An integral element of this planning process is the annual development and adoption of this Overall Work Program (OWP).

The objective of the work program is to document planning activities for the current program year. It also identifies related planning responsibilities for participating member agencies as well as State, Federal Land Management Agencies, and Federally recognized Native American Tribal Governments. The OWP is the programmatic framework of the regional planning process and is intended to provide with the Region IX Intermodal Planning Group's "Guidelines for Metropolitan Planning Organizations' Preparation of Overall Work Program."

Measure "T" Planning and Administrative Responsibilities

In 2006 the voters of Madera County passed Measure "T", a local sales tax initiative. Measure "T" provides a 1/2 cent sales tax override for a period of 20 years. The proceeds are distributed according to the Measure "T" Investment Plan for transportation improvement projects within Madera County. The 2006 Madera County Transportation Authority was created to administer the proceeds of Measure "T". Pursuant to a Memoranda of Understanding with the Authority, MCTC provides administrative and planning services. These services include the preparation of a Strategic Plan, the Annual

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

Work Program, and the processing of Measure “T” claims.

Funding The MCTC Planning Program

The planning program is funded through a variety of local, State, and Federal funding sources. The general categories are outlined below and specific funding commitments to the program are detailed in the Overall Work Program work element descriptions and related budgets.

Local Funding

Local Transportation Fund

The Local Transportation Fund (LTF) is derived from 1/4 cent of the state sales tax collected within Madera County. It is intended to support a balanced transportation system with an emphasis upon public transportation. MCTC policy is to first fund all Transportation Development Act (TDA) administrative activities “off the top”. Included are costs directly attributable to TDA administration and required fiscal, compliance, and performance audits on moneys disbursed from the fund. The balance is available to member agencies and is apportioned based upon proportionate population relative to total county population. Pursuant to State law, specific allocations are apportioned from each agency's fund as follows:

1. 2% is reserved for bicycle and pedestrian facilities.
2. 3% of remaining balance is reserved, per MCTC policy, for regional transportation planning if such funds are necessary to accomplish OWP objectives.
3. The remaining balance is available to: 1) meet transit needs 2) for streets and roads purposes following a finding that all public transportation needs are being reasonably met.

Madera County Transportation Authority

Pursuant to an agreement the Madera County Transportation Authority provides funding for the development of the Strategic Plan, the Annual Work Program, and administrative functions related to claims processing and fiscal audits. These activities are specifically identified and budgeted in the OWP work element descriptions.

Caltrans' Sustainable Communities Grant Program

This is another source of Caltrans' discretionary funds (grant program). Funding is awarded annually based upon successful competitive applications in compliance with Caltrans planning priorities and guidelines. Other discretionary funds (grant program) offered through Caltrans Office of Community Planning is the Sustainable Communities Grant Program. The grants are designed to encourage livable community concepts that integrate land use and transportation planning, and to encourage planning and transportation enhancements related to traditionally underserved such as elderly, disabled, low-income and minority communities (i.e. African American, Hispanic, Asian American, American Indian / Alaskan Native, and Pacific Islanders) to prevent or mitigate disproportionate, adverse environmental, economic, health, and social impacts of

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

transportation projects while improving mobility, quality of life and economic vitality in under-served communities.

The passage of Senate Bill 1 (SB 1) made available formula funds for this Grant Program. The intent of these formula funds is to help MCTC carry out the objectives of the Sustainable Communities Strategy.

State Funding

State Transportation Improvement Program – Project Planning, Programming and Monitoring

Pursuant to provisions of SB 45, the STIP reform act, 5% of County Shares are made available for project planning, programming, and monitoring activities performed by the Regional Transportation Planning Agencies relative to the development and advancement of projects for inclusion in the Regional Transportation Improvement Program (RTIP). The Madera County Planning, Programming, and Monitoring (PPM) funding for the proposed five-year 2022 STIP period is as follows: FY 2022/23 - \$78,000; FY 2023/24 - \$78,000; FY 2024/25 - \$73,000; FY 2025/26 - \$73,000; and FY 2026/27 - \$72,000.

Federal Funding

Federal Highways Administration (FHWA-PL and Partnership Planning)

The Federal Highways Administration (FHWA) allocates funds to Metropolitan Planning Organizations (MPOs) to support urban transportation planning activities. These are allocated funds based on area population and require a non-federal match of at least 11.47%. The Federal Highways Administration (FHWA) Partnership Planning is a discretionary planning fund source MPOs and RTPAs can apply for annually.

Federal Transit Administration

Two sources of Federal Transit Administration (FTA) funding are generally available: FTA Section 5303 – made directly available to MCTC to support urban transit planning activities; and FTA Section 5304; State Planning and Research Partnership Planning – made available to the State for discretionary use in funding rural transportation planning activities.

Other Funding

There may be additional discretionary revenue sources that may be applied for to help undertake activities identified within the Overall Work Program (OWP). MCTC is eligible to compete for program funding made available from Assembly Bills (AB) 2766; 709; and 923. These programs allow the San Joaquin Valley Air Pollution Control District (Air District) to collect and administer a DMV registration surcharge applied to each county in the San Joaquin Valley. The Air District makes approximately \$560,000,000 available each year to qualified projects which are demonstrated to satisfy air quality planning requirements or result in measurable air quality benefit.

Status of Comprehensive Planning Process

MCTC has maintained a comprehensive transportation planning process since its formation. Commensurate with the size of Madera County, the planning program has successfully generated required documents such as the Regional Transportation Plan, Sustainable Communities Strategy and Transportation Improvement Program; the Transit Development Plan; the Traffic Monitoring Report; the Active Transportation Plan, and numerous special studies. The development of a countywide travel demand model represents a significant and necessary component for agency technical capabilities. Continuous work is required to maintain and further develop the resources and databases needed to support the planning program in the face of current and future State and Federal requirements.

Transportation Planning Issues

Funding

The State Transportation Improvement Program (STIP) is the biennial five-year plan adopted by the California Transportation Commission for future allocations of certain state transportation funds for state highway improvements, intercity rail, and regional highway and transit improvements. State law requires MCTC to update information for the STIP biennially, in even-numbered years, with each new STIP adding two new years to prior programming commitments.

Under the provisions of Senate Bill (SB) 45, MCTC has been given responsibility for programming of the “local share” of STIP funds. MCTC also has responsibilities related to project planning, programming, and monitoring. To more effectively meet local transportation needs, MCTC takes a long range look at needed major improvement projects and establishing some priority for delivery. An adequate level of funding remains a serious issue for MCTC.

Funding for facilities maintenance continues to be problematic and a number of local roads are seriously in need of basic rehabilitation and reconstruction. MCTC will focus on maintaining a competitive position in securing State and Federal project funding.

Planning Process

MCTC’s planning process is structured to provide a focused response to local needs as well as an array of new planning and information requirements emanating from Federal and State legislation. The current Overall Work Program responds to State and Federal guidelines by identifying projects which continue development of basic planning tools and information which will provide the basis for required future planning. Specifically, the continuing development of a countywide travel demand model will be critical to both facility planning and air quality analysis. Maintenance and expansion of the traffic monitoring program will complement both modeling and air quality planning activities. The maintenance of geographic information system capabilities in coordination with the other San Joaquin Valley transportation planning agencies provides the basis for developing and maintaining databases related to transportation modes. Of particular use will be an inventory of countywide street and highway facilities.

The Infrastructure Investment and Jobs Act (IIJA) was enacted in 2021 and provides 5 years of funding certainty for infrastructure planning and investment. The IIJA is a \$1.2T bill that reauthorizes the nation’s surface transportation and drinking water and wastewater legislation and pours additional billions into new programs in transportation, energy transmission, resilience, broadband, and many others.

Public and Social Service Transportation

The Social Service Transportation Advisory Council, MCTC staff, and its member agencies

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

continuously monitor and evaluate the performance and cost effectiveness of Madera County's existing transit systems. The City of Madera operates a fixed-route service, the Madera Metro, and a demand-response complement – Madera Dial-A-Ride (DAR). The City of Madera introduced a major expansion of Madera Metro in the summer of 2016. The expansion provides more frequent bus service on Route 1, reducing headways from 35 to 30 minutes. Madera Metro College Route (also known as Route 3), launched in January 2018 by the City of Madera as a pilot program service to what was then the Madera Community College Center (MCCC). Service is provided Monday through Friday from 9am to 4pm when Madera Community College is in session. Services will soon be extended to 9pm. In recent years, the City of Madera has made substantial improvements to its bus shelters and amenities. An additional 21 bus shelters were installed in June 2017. The City has integrated 12 Compressed Natural Gas (CNG) buses into its Madera Metro fleet, including two being used as backups. The City of Madera opened a new transit center in June 2020. The 3,200 square foot center provides expanded operations and features such as a dedicated dispatch center; training room/community meeting space; an ADA accessible lobby and reception area; dedicated office space; indoor and outdoor break areas; storage areas for lost and found; and lockers for transit staff. The property features secure parking for 35 buses, with built-in infrastructure for future transition into electric fleet.

The City of Chowchilla operates Chowchilla Area Transit Express (CATX), a demand-response system. The CATX service area includes the City of Chowchilla.

The County of Madera initiated a demonstration inter-city fixed route system, the Madera County Connection (MCC), in July of 2001. The County, by recommendation of the SSTAC, expanded MCC to include the communities of La Vina, Ripperdan, and Eastin Arcola in late 2002. The County operates a demand-response Senior Bus service that operates Oakhurst - Bass Lake - Coarsegold area. As a volunteer driver program, the Escort Program provides transportation from Eastern Madera County into Madera and Fresno for medical appointments. Effective September 2017, the Madera County Public Works/Transit Department, in cooperation with the Community Action Partnership of Madera County and the Raymond Community Association, announced the new Escort Program expansion to residents of Raymond. This service is provided on Wednesdays from 8:30 am to 4:30 pm.

The MCC also operates the Madera area and Chowchilla area Dial-A-Ride for those needing a ride beginning or ending in the County areas in and around the City of Madera and the City of Chowchilla. The MCC Dial-A-Ride operates Monday through Friday from 6:00 am – 8:45 pm. The MCC Dial-A-Ride Chowchilla operates Monday through Friday from 7:00 am – 6:45 pm. The MCC Dial-A-Ride Eastin Arcola/Ripperdan/La Vina operates Wednesday and Friday from 8:45 am – 2:00 pm.

The Madera Intermodal Center serves as a connectivity point between the inter-city MCC system and the fixed-route Madera Metro system. The MCC has a free transfer connection with the Fresno Area Express (FAX) at Children's Hospital Central California through to the River Park Shopping Center in Fresno.

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

Yosemite Area Regional Transit System (YARTS) began providing fixed route passenger service along the SR 41 corridor between the city of Fresno and Yosemite National Park in the fall of 2015. In 2016, YARTS continued to run this service on a summer schedule only. YARTS connects with MCC service along SR 41 and connects with transit services in neighboring Merced and Fresno Counties. Services to other outlying communities have been identified as potential needs and will be evaluated by MCTC and County staff.

The Social Service Transportation Advisory Council, MCTC staff, and its member agencies coordinate and cooperate with Social Service Transportation agencies to pursue consolidation of services where appropriate and to minimize the duplication of transportation services in Madera County.

Recognizing the need for cost-effective transportation options for commuters, particularly those employed in the agricultural sector, Madera, Fresno, Kings, Tulare, and Kern counties formed a Steering Committee to evaluate a new Valley-wide Rideshare Entity. A Caltrans Planning Grant funded the Southern San Joaquin Valley Rural Vanpool & Rideshare Assessment Study in 2006-07 which addressed the potential of creating a joint powers agreement among the MPOs of the San Joaquin Valley. The expansion of Kings County's Agricultural Industries Transportation Services (AITS) vanpool program into neighboring counties and beyond emphasized the need for a representative entity that can oversee, adjust, and make improvements to the system. The results of this evaluation led to the CalVans Joint Powers Agreement between Madera County Transportation Commission, Kings County Association of Governments, Tulare County Association of Governments, Fresno Council of Governments, Santa Barbara County Association of Governments, Association of Monterey Bay Area Governments, Kern County Association of Governments, Ventura County Transportation Commission, Imperial County Transportation Commission, San Joaquin Council of Governments, and Merced County Association of Governments. The CalVans JPA was made to create, fund, operate, and otherwise manage public transportation projects and programs aimed at providing qualified agricultural workers with safe affordable vehicles they could use to drive themselves and others to work. CalVans operates as a Public Transit Agency. The CalVans agency began official operations on October 1, 2011.

The North Fork Rancheria of Mono Indians of California operates the North Fork Rancheria Tribal Transit Program (NFRTP), jointly funded through the Tribal Transit Program administered by the Federal Transit Administration and the Tribal Transportation Program administered by the Bureau of Indian Affairs. The NFRTP provides demand-responsive transit service for the elderly, persons with disabilities, and low-income individuals to medical and other essential services.

Rail planning will focus upon several regional issues. The City and County of Madera coordinated with Caltrans Division of Rail to relocate the Madera Amtrak Station from Avenue 15 ½ to Road 26. The Madera Amtrak Station is located outside the City of Madera sphere of influence and is served by Dial-A-Ride but not Madera Metro. With the opening of the new Amtrak station facility on Road 26, the feasibility of extending a Madera Metro route to the station will continue to be evaluated. The Amtrak station is currently accessible via Dial-A-Ride.

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

Another issue of valley-wide importance is the California High Speed Rail Plan, which identifies a 700-mile route for the future development of high-speed rail service between the Los Angeles and San Francisco regions. The California High-Speed Rail Authority (CHSRA) was established in 1996 to address funding for this proposal. The passage of Proposition 1A in November 2008 authorized \$9.95 billion in bonds for the construction of high-speed rail. The 2014 CHSRA Business Plan funds the construction of the first phase of the segment through Madera and Fresno counties with the sale of Prop 1A bonds to match federal CHSRA grant funds beginning in 2014. MCTC is an active participant in local Technical Working Groups established by the CHSRA. A groundbreaking for the project took place in January of 2015.

Bicycle and Pedestrian

Bicycle and pedestrian planning is assuming new importance with the improved funding capacity through various Federal and State programs. The development of the Madera County 2004 Bicycle Transportation Plan established a competitive basis for securing grants through the Federal Transportation Enhancement Activities program, the San Joaquin Valley Air Pollution Control District administered REMOVE II program, Community-Based Transportation Planning grant, Environmental Justice grant, as well as from MCTC reserved Transportation Development Act (TDA) funding. There is renewed State emphasis on funding bicycle and pedestrian facilities through the Active Transportation Program (ATP) which consolidated the Federal Transportation Alternatives Program (TAP), State Bicycle Transportation Account (BTA), Federal Safe Routes to School (SRTS), and State Safe Routes to School (SR2S) into one program. Local agencies are encouraged to update their individually adopted bicycle plans to remain eligible for bicycle and pedestrian grant funding opportunities. MCTC adopted a regional Active Transportation Plan in 2018.

Bicycle and pedestrian modes are recognized transportation control measures, consistent with the principles of livable communities, and as such must be supported to maintain air quality conformity.

In September 2008, the Governor signed into law AB 1358, the California Complete Streets Act of 2008. This new mandate requires local agencies to plan for a balanced, multimodal transportation network that meets the needs of all users of streets, roads, and highways upon any substantive revision of the circulation elements of the general plan. In addition to assisting in the reduction of greenhouse gas emissions pursuant to the requirements of AB 32, the complete streets program is intended to make the most efficient use of urban land and transportation infrastructure and improve public health by encouraging physical activity through the planning and construction of additional bicycle and pedestrian facilities transportation demand management and air quality. MCTC is committed to promoting the reduction of travel demand through rideshare coordination, employer commute solutions education, and public awareness of alternative modes of transportation.

MCTC coordinated and directed the Reasonably Available Control Measures (RACM) and Best Available Control Measures (BACM) commitment process of its member

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

agencies in 2001 and 2002. MCTC updates the RACM upon preparation of new Federal air quality conformity determinations and or subsequent amendments to the conformity determination. The commitments to fund and implement measures to reduce travel demand were compiled with the commitments of the other valley Transportation Planning Agencies for inclusion in the development of the State Implementation Plan (SIP). The RACM project implementation is tracked and reported to FHWA, FTA, and EPA during each successive RTP and FTIP conformity determination.

The Federal Clean Air Act Amendments of 1990 require that transportation plans, programs, and projects are subject to a finding of conformity with the applicable air quality plans for the San Joaquin Valley. Under Federal law no federally funded project or project requiring Federal approval can be advanced unless it comes from an air quality conforming Regional Transportation Plan. The most recent Madera County Federal Transportation Improvement Program (FTIP) conformity determination was approved by the Federal Highway Administration and the Federal Transit Administration in December of 2018.

The United States Environmental Protection Agency (EPA) has designated the entire San Joaquin Valley Air Basin as a serious area for 8-hour ozone and non-attainment for PM 2.5. The metropolitan areas of Fresno, Modesto, Stockton, and Bakersfield were recently upgraded to maintenance areas for carbon monoxide. MCTC participates with the other San Joaquin Valley Transportation Planning Agencies, the San Joaquin Valley Air Pollution Control District, and State and Federal agencies to proactively address air quality issues. Focus is maintained on support of improved technical analyses of transportation related issues, development of effective transportation control measures, and addressing the overall air quality problem through staying informed and engaged in a broad range of efforts to identify solutions.

Highway Capacity and Corridor Needs

In consultation with its member agencies, MCTC completed an RTP Project Prioritization Study that sought to list and prioritize all transportation related projects in the Madera County region. This study is being utilized for the development of the financially constrained 2022 RTP Update.

Travel demand along the State Route (SR) 41 corridor remains a focus of attention. At the request of MCTC, Caltrans is monitoring traffic volumes associated with the Chukchansi Resort and Casino. Traffic signals have been constructed on SR41 at Road 200, Yosemite Springs Parkway, and Road 415 intersections. MCTC worked with Caltrans on a Measure "T" Tier 1 project that added passing lanes on SR 41 between 4 miles south of Road 200 and just north of Road 208.

There continues to be discussion between Fresno and Madera Counties of the long-range needs for an east-west travel corridor across the southern portion of Madera County and general traffic behavior along the SR 41 Corridor. The San Joaquin River Crossing Study sought to address the impacts of development in Madera and Fresno counties and identified potential river crossings to improve mobility across the San Joaquin River

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

corridor. Related to this need is renewed interest in SR 65, which, when constructed, will provide a highway facility extending along the foothills from Bakersfield in the south to the State Route 152 alignment in the north. In 2016 and 2017, Madera and Fresno agencies engaged in and completed an Origin/Destination study to further analyze travel behavior between the two counties and the economic impacts of this behavior.

Caltrans District 6, in coordination with its local agency partners, completed the Fresno/Madera Urban Route 99 Corridor System Management Plan (CSMP) in 2009. The CSMP was developed in response to Proposition 1B requirements and the CTC's desire to ensure that the mobility gains from corridor capacity improvements are maintained well after construction is completed. The CSMP allows Caltrans and its local agency partners to manage and operate the SR 99 transportation corridor based upon the assessment and evaluation of performance measures to identify the most cost effective operational and capital improvements needed along the corridor. Several SR 99 projects in Madera County also warrants increased attention. In 2006, Caltrans completed the conversion to full freeway of three remaining miles of expressway on SR 99 north of Madera (the Fairmead project). Using the techniques of innovative financing, MCTC advanced STIP funding for the reconstruction and widening of the 4th Street interchange to FY 2010-11. The Avenue 12 interchange was reconstructed using Route 99 bond funding included in Proposition 1B to address safety and capacity concerns arising from development of the Community College and related planning area. SR 99 from Avenue 12 to Avenue 17 was completed through cooperation with Caltrans using Measure T and various state funding sources. In coordination with Caltrans efforts are underway to widen the SR 99 Avenue 7 to Avenue 12 section, currently in the Right-of-way phase. Caltrans has plans to widen SR 99 from four to six lanes through Madera County.

Measure "T" Expenditure Plan

In November 2006, Madera County voters passed Measure "T", a 20-year half-cent sales tax measure for transportation improvements in Madera County. The Measure "T" program represents one of the few secure funding sources available to Madera County. As such, it warrants a high level of attention to ensure that the funds are expended on high need safety and congestion relief projects. Another focus must be using these funds as a base for leveraging State and Federal funds into Madera projects.

Core Planning Functions

MPOs are reminded that their Overall Work Programs (OWP) must identify the Core Planning Functions and what work will be done during the program year to advance those functions. The Core Functions typically include:

- Overall Work Program.
- Public Participation and Education.
- Regional Transportation Plan.
- Federal Transportation Improvement Program.
- Congestion Management Process (required for TMAs).
- Annual Listing of Projects.

The MAP-21 legislation provided metropolitan transportation planning program funding for the integration of transportation planning processes in the Metropolitan Planning Area (MPA) (i.e. rail, airports, seaports, intermodal facilities, public highways and transit, bicycle, and pedestrian, etc.) into a unified metropolitan transportation planning process, culminating in the preparation of a multimodal transportation plan for the MPA. The FHWA and FTA request that all Metropolitan Planning Organizations (MPOs) review the Overall Work Plan (OWP) development process to ensure all activities and products mandated by the metropolitan transportation planning regulations in 23 CFR 450 are a priority for FHWA and FTA combined planning grant funding available to the region. The MPO OWP work elements and subsequent work tasks must be developed in sufficient detail (i.e., activity description, products, schedule, cost, etc.) to clearly explain the purpose and results of the work to be accomplished, including how they support the Federal transportation planning process (see 23 CFR 420.111 for documentation requirements for FHWA Planning funds).

Performance Management

Since MAP-21 was passed in 2012, Caltrans and most of California's MPOs have developed performance measures that inform their Regional Transportation Plans (RTPs) and Federal Transportation Improvement Programs (FTIPs). The objective of the performance- and outcome-based program is for States and MPOs to invest resources in projects that collectively will make progress toward the achievement of the national goals. MAP-21 requires the DOT, in consultation with States, metropolitan planning organizations (MPOs), and other stakeholders, to establish performance measures in the areas listed below:

- Safety - To achieve a significant reduction in traffic fatalities and serious injuries on all public roads.
- Infrastructure Condition - To maintain the highway infrastructure asset system in a state of good repair.
- Congestion Reduction - To achieve a significant reduction in congestion on the National Highway System.
- System Reliability - To improve the efficiency of the surface transportation system.

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

- Freight Movement and Economic Vitality - To improve the national freight network, strengthen the ability of rural communities to access national and international trade markets, and support regional economic development.
- Environmental Sustainability - To enhance the performance of the transportation system while protecting and enhancing the natural environment.
- Reduced Project Delivery Delays - To reduce project costs, promote jobs and the economy, and expedite the movement of people and goods by accelerating project completion through eliminating delays in the project development and delivery process, including reducing regulatory burdens and improving agencies' work practices.

The FHWA and FTA want each MPO to explicitly identify their process for determining performance targets and measures within their Overall Work Programs. MCTC participates in the State's process to develop these targets and has adopted regional targets for performance measures.

State of Good Repair

MPOs are required to evaluate their transportation system to assess the capital investment needed to maintain a State of Good Repair for the region's transportation facilities and equipment. MPOs shall coordinate with the transit providers in their region to incorporate the Transit Asset Management Plans (TAM's) prepared by the transit providers into the Regional Transportation Plan (RTP). Analysis of State of Good Repair needs, and investments shall be part of any RTP update, and must be included in the Overall Work Program task for developing the Regional Transportation Plan. MPOs are expected to regularly coordinate with transit operators to evaluate current information on the state of transit assets; to understand the transit operator's transit asset management plans; and to ensure that the transit operators are continually providing transit asset information to support the MPO planning process.

Public Transportation Safety Plan

MPOs shall coordinate with the transit providers in their region to incorporate the Public Transportation Safety Plan (PTASP) targets, prepared by the transit providers, into their planning documents.

Federal Planning Factors

The Metropolitan Planning program under Map 21 provided funding for the integration of transportation planning processes in the Metropolitan Planning Organizations (MPOs) into a unified metropolitan transportation planning process, culminating in the preparation of a multimodal transportation plan for the MPO. Title 23 of the United States Code, section 134(f) describes Federal Planning Factors issued by Congress to emphasize planning factors from a national perspective. Under the FAST Act, ten planning factors (for both metro and statewide planning) are as follows:

1. Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency;
2. Increase safety of the transportation system for motorized and non-motorized users;
3. Increase the security of the transportation system for motorized and non-motorized users;
4. Increase accessibility and mobility of people and freight;
5. Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns.
6. Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight;
7. Promote efficient system management and operation;
8. Emphasize the preservation of the existing transportation system;
9. Improve the resiliency and reliability of the transportation system and reduce or mitigate stormwater impacts of surface transportation; and
10. Enhance travel and tourism.

Each of these planning areas and factors are addressed in the OWP, many by multiple work elements.

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

	Core Planning Functions	Performance Management	State of Good Repair
Work Element			
101 RTP & EIR	***	***	***
102 Regional Housing Planning Program	***		
103 Zero-Emission Vehicle Readiness	***	***	***
104 Oakhurst Multi-modal Mobility Study	***	***	***
201 Transit	***	***	***
202 Rail	***	***	***
301 Active Transportation Planning	***	***	***
401 Highways, Corridors, Regional	***	***	***
501 Transportation Program Development	***	***	***
502 Project Coordination, Financial Programming	***	***	***
601 Travel Demand Model Management	***	***	***
602 Air Quality Modeling	***	***	***
603 GIS and Mapping Resources	***	***	***
604 Performance Management Data Development	***	***	***
605 Regional Traffic Monitoring Program	***	***	***
701 Public Participation Program	***	***	***
801 Transportation Development Act	***		
901 Lobbying			
902 Other	***	***	***
1001 Overall Work Program and Budget	***	***	***
1101 Measure T Administration			

2021 Planning Emphasis Areas:

In December 2021, the Federal Transit Administration (FTA) and the Federal Highway Administration (FHWA) issued updated Planning Emphasis Areas (PEAs). Several of these emphasis areas focus on the Biden-Harris Administration's goals of advancing equity and environmental justice in transportation planning, which will help achieve greenhouse gas reduction goals and increase resilience to extreme weather events resulting from climate change. These efforts will better support regional and local governments as they plan for future transportation needs in their communities. There is considerable flexibility in how metropolitan planning organizations and State Departments of Transportation can incorporate the PEAs into the transportation planning process. Recognizing the variability and timing of transportation planning processes, FTA and FHWA encourage these PEAs to be incorporated as programs are updated. The updated PEAs are as follows:

Tackling the Climate Crisis – Transition to a Clean Energy, Resilient Future

Federal Highway Administration (FHWA) divisions and Federal Transit Administration (FTA) regional offices should work with State departments of transportation (State DOT), metropolitan planning organizations (MPO), and providers of public transportation to ensure that our transportation plans and infrastructure investments help achieve the national greenhouse gas reduction goals of 50-52 percent below 2005 levels by 2030, and net-zero emissions by 2050, and increase resilience to extreme weather events and other disasters resulting from the increasing effects of climate change. Field offices should encourage State DOTs and MPOs to use the transportation planning process to accelerate the transition toward electric and other alternative fueled vehicles, plan for a sustainable infrastructure system that works for all users and undertake actions to prepare for and adapt to the impacts of climate change. Appropriate Unified Planning Work Program work tasks could include identifying the barriers to and opportunities for deployment of fueling and charging infrastructure; evaluating opportunities to reduce greenhouse gas emissions by reducing single-occupancy vehicle trips and increasing access to public transportation, shift to lower emission modes of transportation; and identifying transportation system vulnerabilities to climate change impacts and evaluating potential solutions. We encourage you to visit FHWA's [Sustainable Transportation](#) or FTA's [Transit and Sustainability](#) Webpages for more information.

(See [EO 14008](#) on "Tackling the Climate Crisis at Home and Abroad," [EO 13990](#) on "Protecting Public Health and the Environment and Restoring Science to Tackle the Climate Crisis," [EO 14030](#) on "Climate-Related Financial Risk," See also [FHWA Order 5520](#) "Transportation System Preparedness and Resilience to Extreme Weather Events," FTA's "[Hazard Mitigation Cost effectiveness Tool](#)," FTA's "[Emergency Relief Manual](#)," and "[TCRP Document 70: Improving the Resilience of Transit Systems Threatened by Natural Disasters](#)")

Equity and Justice in Transportation Planning

FHWA Division and FTA regional offices should work with State DOTs, MPOs, and providers of public transportation to advance racial equity and support for underserved and disadvantaged communities. This will help ensure public involvement in the planning process and that plans, and strategies reflect various perspectives, concerns, and priorities from impacted areas. We encourage the use of strategies that: (1) improve infrastructure for non-motorized travel, public transportation access, and increased public transportation service in underserved communities; (2) plan for the safety of all road users, particularly those on arterials, through infrastructure improvements and advanced speed management; (3) reduce single-occupancy vehicle travel and associated air pollution in communities near high-volume corridors; (4) offer reduced public transportation fares as appropriate; (5) target demand-response service towards communities with higher concentrations of older adults and those with poor access to essential services; and (6) consider equitable and sustainable practices while developing transit-oriented development including affordable housing strategies and consideration of environmental justice populations.

[Executive Order 13985](#) (*Advancing Racial Equity and Support for Underserved Communities*) defines the term “equity” as the consistent and systematic fair, just, and impartial treatment of all individuals, including individuals who belong to underserved communities that have been denied such treatment, such as Black, Latino, and Indigenous and Native American persons, Asian Americans and Pacific Islanders and other persons of color; members of religious minorities; lesbian, gay, bisexual, transgender, and queer (LGBTQ+) persons; persons with disabilities; persons who live in rural areas; and persons otherwise adversely affected by persistent poverty or inequality. The term “underserved communities” refers to populations sharing a particular characteristic, as well as geographic communities, that have been systematically denied a full opportunity to participate in aspects of economic, social, and civic life, as exemplified by the list in the preceding definition of “equity.” In addition, [Executive Order 14008](#) and [MI-21-28](#) provides a whole-of-government approach to advancing environmental justice by stating that 40 percent of Federal investments flow to disadvantaged communities. FHWA Division and FTA regional offices should work with State DOTs, MPOs, and providers of public transportation to review current and new metropolitan transportation plans to advance Federal investments to disadvantaged communities.

To accomplish both initiatives, our joint planning processes should support State and MPO goals for economic opportunity in disadvantaged communities that have been historically marginalized and overburdened by pollution and underinvestment in housing, transportation, water and wastewater infrastructure, recreation, and health care.

Complete Streets

FHWA Division and FTA regional offices should work with State DOTs, MPOs and providers of public transportation to review current policies, rules, and procedures to determine

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

their impact on safety for all road users. This effort should work to include provisions for safety in future transportation infrastructure, particularly those outside automobiles.

A complete street is safe, and feels safe, for everyone using the street. FHWA and FTA seek to help Federal aid recipients plan, develop, and operate streets and networks that prioritize safety, comfort, and access to destinations for people who use the street network, including pedestrians, bicyclists, transit riders, micro-mobility users, freight delivery services, and motorists. The goal is to provide an equitable and safe transportation network for travelers of all ages and abilities, including those from marginalized communities facing historic disinvestment. This vision is not achieved through a one-size-fits-all solution—each complete street is unique and developed to best serve its community context and its primary role in the network.

Per the National Highway Traffic Safety Administration's 2019 data, 62 percent of the motor vehicle crashes that resulted in pedestrian fatalities took place on arterials. Arterials tend to be designed for vehicle movement rather than mobility for non-motorized users and often lack convenient and safe crossing opportunities. They can function as barriers to a safe travel network for road users outside of vehicles.

To be considered complete, these roads should include safe pedestrian facilities, safe transit stops (if present), and safe crossing opportunities on an interval necessary for accessing destinations. A safe and complete network for bicycles can also be achieved through a safe and comfortable bicycle facility located on the roadway, adjacent to the road, or on a nearby parallel corridor. Jurisdictions will be encouraged to prioritize safety improvements and speed management on arterials that are essential to creating complete travel networks for those without access to single-occupancy vehicles.

Public Involvement

Early, effective, and continuous public involvement brings diverse viewpoints into the decision-making process. FHWA Division and FTA regional offices should encourage MPOs, State DOTs, and providers of public transportation to increase meaningful public involvement in transportation planning by integrating Virtual Public Involvement (VPI) tools into the overall public involvement approach while ensuring continued public participation by individuals without access to computers and mobile devices. The use of VPI broadens the reach of information to the public and makes participation more convenient and affordable to greater numbers of people. Virtual tools provide increased transparency and access to transportation planning activities and decision-making processes. Many virtual tools also provide information in visual and interactive formats that enhance public and stakeholder understanding of proposed plans, programs, and projects. Increasing participation earlier in the process can reduce project delays and lower staff time and costs. More information on VPI is available [here](#).

Strategic Highway Network (STRAHNET)/U.S. Department of Defense (DOD) Coordination

FHWA Division and FTA regional offices should encourage MPOs and State DOTs to coordinate with representatives from DOD in the transportation planning and project programming process on infrastructure and connectivity needs for STRAHNET routes and other public roads that connect to DOD facilities. According to the Declaration of Policy in 23 U.S.C. 101 (b) (1), it is in the national interest to accelerate construction of the Federal-aid highway system, including the Dwight D. Eisenhower National System of Interstate and Defense Highways, because many of the highways (or portions of the highways) are inadequate to meet the needs of national and civil defense. The DOD's facilities include military bases, ports, and depots. The road networks that provide access and connections to these facilities are essential to national security. The [64,200-mile STRAHNET system](#) consists of public highways that provide access, continuity, and emergency transportation of personnel and equipment in times of peace and war. It includes the entire 48,482 miles of the Dwight D. Eisenhower National System of Interstate and Defense Highways and 14,000 miles of other non-Interstate public highways on the National Highway System. The STRAHNET also contains approximately 1,800 miles of connector routes linking more than 200 military installations and ports to the primary highway system. The DOD's facilities are also often major employers in a region, generating substantial volumes of commuter and freight traffic on the transportation network and around entry points to the military facilities. Stakeholders are encouraged to review the STRAHNET maps and recent Power Project Platform (PPP) [studies](#). These can be a useful resource in the State and MPO areas covered by these route analyses.

Federal Land Management Agency (FLMA) Coordination

FHWA Division and FTA regional offices should encourage MPOs and State DOTs to coordinate with FLMAs in the transportation planning and project programming process on infrastructure and connectivity needs related to access routes and other public roads and transportation services that connect to Federal lands. Through joint coordination, the State DOTs, MPOs, Tribal Governments, FLMAs, and local agencies should focus on integration of their transportation planning activities and develop cross-cutting State and MPO long range transportation plans, programs, and corridor studies, as well as the Office of Federal Lands Highway's developed transportation plans and programs. Agencies should explore opportunities to leverage transportation funding to support access and transportation needs of FLMAs before transportation projects are programmed in the Transportation Improvement Program (TIP) and Statewide Transportation Improvement Program (STIP). Each State must consider the concerns of FLMAs that have jurisdiction over land within the boundaries of the State (23 CFR 450.208(a)(3)). MPOs must appropriately involve FLMAs in the development of the metropolitan transportation plan and the TIP (23 CFR 450.316(d)). Additionally, the Tribal Transportation Program, Federal Lands Transportation Program, and the Federal Lands Access Program TIPs must be included in the STIP, directly or by reference, after FHWA approval in accordance with 23 U.S.C. 201(c) (23 CFR 450.218(e)).

Planning and Environment Linkages (PEL)

FHWA Division and FTA regional offices should encourage State DOTs, MPOs and Public Transportation Agencies to implement PEL as part of the transportation planning and environmental review processes. The use of PEL is a collaborative and integrated approach to transportation decision making that considers environmental, community, and economic goals early in the transportation planning process, and uses the information, analysis, and products developed during planning to inform the environmental review process. PEL leads to interagency relationship building among planning, resource, and regulatory agencies in the early stages of planning to inform and improve project delivery timeframes, including minimizing duplication and creating one cohesive flow of information. This results in transportation programs and projects that serve the community's transportation needs more effectively while avoiding and minimizing the impacts on human and natural resources. More information on PEL is available [here](#).

Data in Transportation Planning

To address the emerging topic areas of data sharing, needs, and analytics, FHWA Division and FTA regional offices should encourage State DOTs, MPOs, and providers of public transportation to incorporate data sharing and consideration into the transportation planning process, because data assets have value across multiple programs. Data sharing principles and data management can be used for a variety of issues, such as freight, bike and pedestrian planning, equity analyses, managing curb space, performance management, travel time reliability, connected and autonomous vehicles, mobility services, and safety. Developing and advancing data sharing principles allows for efficient use of resources and improved policy and decision making at the State, MPO, regional, and local levels for all parties

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

	Tackling the Climate Crisis – Transition to a Clean Energy, Resilient Future	Equity and Justice40 in Transportation Planning	Complete Streets	Public Involvement	Strategic Highway Network STRAHNET)/U.S. Department of Defense (DOD) Coordination	Federal Land Management Agency (FLMA) Coordination	Planning and Environment Linkages (PEL)	Data in Transportation Planning
Work Element								
101 RTP & EIR	***	***	***	***	***	***	***	***
102 Regional Housing Planning Program	***	***	***	***	***	***	***	***
103 Zero-Emission Vehicle Readiness	***	***	***	***	***	***	***	***
104 Oakhurst Multi-modal Mobility Study	***	***	***	***	***	***	***	***
201 Transit	***	***	***	***	***	***	***	***
202 Rail	***	***	***	***	***	***	***	***
300 Active Transportation Planning	***	***	***	***	***	***	***	***
400 Highways, Corridors, Regional Routes	***	***	***	***	***	***	***	***
501 Transportation Program Development	***	***	***	***	***	***	***	***
502 Project Coordination and Financial Programming	***	***	***	***	***	***	***	***
601 Travel Demand Model Management	***	***	***	***	***	***	***	***
602 Air Quality Modeling	***	***	***	***	***	***	***	***
603 GIS and Mapping Resources	***	***	***	***	***	***	***	***
604 Performance Management and Data Development	***	***	***	***	***	***	***	***
605 Regional Traffic Monitoring Program	***	***	***	***	***	***	***	***
701 Public Participation Program	***	***	***	***	***	***	***	***
801 Transportation Development Act	***	***	***	***	***	***	***	***
901 Lobbying								
902 Other	***	***	***	***	***	***	***	***
1000 Overall Work Program and Budget	***	***	***	***	***	***	***	***
1100 Measure T Administration								

Regional Transportation Planning

101 Regional Transportation Plan / Sustainable Communities Strategy
and Environmental Impact Report

102 Regional Housing Planning Program

103 Zero Emission Vehicle Readiness and Implementation Plan

104 Oakhurst Multi-modal Mobility Study

Work Element 101 Regional Transportation Plan / Sustainable Communities Strategy and Environmental Impact Report

Objective

To develop and publish the Regional Transportation Plan (RTP) for Madera County pursuant to State and Federal guidelines (every four years). The Regional Transportation Plan is to be long-range (25-year planning horizon), comprehensive and financially constrained, air quality conformed and updated every four years. It must include a Sustainable Communities Strategy (SCS), be responsive to air quality issues and provide for adequate citizen participation in its development. In the development and preparation of the impending 2022 RTP, staff implemented the requirements of legislation related to Global Warming Solutions Act of 2006 (AB 32) and any other subsequent legislation such as SB 375 and SB 743.

Discussion

MCTC, as the State of California designated Regional Transportation Planning Agency (RTPA) and federally designated Metropolitan Planning Organization (MPO) for Madera County, is required to update the RTP every four years in compliance with guidelines established by the California Transportation Commission (CTC) and to remain consistent with Federal law. Federal requirements, as identified in MAP-21 and the FAST Act, includes consideration of metropolitan planning emphasis areas. Although the plan must be fiscally constrained, identified needs and recommended funding strategies beyond current financial capacity are included. This work element identifies staff time required to develop the plan, with recognition that RTP development also draws upon work activities within other modal elements identified in the Overall Work Program. The 2018 RTP was adopted by the MCTC Policy Board on September 19, 2018. The RTP is the primary planning document produced by MCTC and provides the policy basis for all major transportation infrastructure funding programs within the county.

This work element identifies staff time required to assemble information developed primarily through specific transportation modal elements identified in the OWP. The 2007 RTP was developed with SAFETEA-LU compliance consistent with the FHWA & FTA guidance provided by the MPO Planning Final Rule. The 2011 RTP Environmental Impact Report (EIR) also incorporated the greenhouse gas requirements of AB 32. The RTP was also developed in accordance with the 2007 RTP Guidelines adopted by the CTC. The 2014 RTP details an SCS funding implementation strategy focusing on a shift towards implementation of non-single occupancy vehicle trip transportation strategies with the goal of reducing per capita greenhouse gas tailpipe emissions. During the ongoing transportation planning process, staff compiles information into a consistent presentation format, verifies local, State, and Federal planning requirements, and submits amendments on regular updates for MCTC consideration. The stakeholders assisting in the development and review of the RTP consist of the following: MCTC staff; local

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

jurisdiction staffs; social service transportation agencies; Sheriff's department; Economic Development Department; School Districts; Native American Tribal Governments; consultants; and other interested public agencies and individuals. Additionally, the State Department of Housing and Community Development (HCD) consults with MCTC during the preparation of the Madera County Regional Housing Needs Assessment. This consultation ensures the coordination of information utilized for the preparation of the RTP.

The 2007 RTP was updated to incorporate the Measure T Investment Plan that was approved by the voters in November 2006. The 2011, 2014 and 2018 RTP updates carried forward the Measure T Investment Plan. The Measure is set to expire in 2026. An extension of the Measure will be perused in 2022 under the same timeline as the development of the 2022 RTP. As a results of related planning activities, a Measure T extension scenario will be analyzed in the 2022 RTP development process.

In fiscal year 2020/21, a consultant developed a methodology to prioritize transportation improvement projects in Madera County. The study examined all currently planned modal projects, identified new projects, and established a prioritization process for the projects. The prioritization increased the emphasis on projects that support equitable investment in disadvantaged communities, benefited public health and limited negative environmental impacts. The results of the Project Prioritization Study are to be incorporated into the 2022 RTP Update.

The California Air Resources Board (CARB) staff published the Final Sustainable Communities Strategy Program and Evaluation Guidelines in November 2019. These Guidelines outline how CARB evaluates MPO's SCS pursuant to SB 375. These new guidelines updated the SCS review methodology. The new guidelines emphasize the tracking of plan implementation, policy commitments, incremental progress, and equity as key analysis components. However, the Policy Commitments component is the only component used by CARB staff as the basis for accepting or rejecting the MPO's SB 375 GHG emission reduction target determination. The other three reporting components are included to identify the effectiveness of prior SCS implementation and increase overall transparency of the SCS for the public and other stakeholders.

MCTC staff worked with consultants where needed through the MCTC On-call Technical Services and Modeling Support Program to thoroughly analyze and report the findings of the SCS per Sustainable Communities Strategy Program and Evaluation Guidelines in fiscal year 2021/22. MCTC evaluated impacts to disadvantaged communities in support of an equitably directed RTP and SCS.

MCTC has retained professional consultation services for the development of the Program Environmental Impact Report (PEIR) for the 2022 RTP/SCS in January of 2021. The Notice of Preparation process occurred in February and March of 2021. The PEIR development is coinciding with activities related to the RTP and SCS Scenario Development. Work with the consultant on the PEIR will conclude in the fall of 2022.

MCTC, in conjunction with the other seven San Joaquin Valley MPOs, also retained Trinity

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

Consulting for assistance with Air Quality related elements of the 2018 RTP/SCS, specifically related to SB 375 emissions analysis and evaluation of Federal criteria pollutants.

MCTC staff retained a consultant in August of 2021 to assist in a variety of outreach activities related to the development of the 2022 RTP/SCS. MCTC staff are and will continue to be engaged in outreach activities related to the RTP/SCS development. This process includes regular meetings with the RTP/SCS Oversight Committee. The Oversight Committee assists in making key recommendations on the direction of the RTP/SCS development. Stakeholders are engaged for comments and feedback in a variety of ways. Community workshops are held for the RTP and for SCS scenario development, meetings are made directly with interested individuals by request, information is submitted in local publications, focused community surveys are distributed online or at outreach functions and informational workshops are held by MCTC staff. Due to the COVID-19 pandemic, MCTC staff have focused on effective ways for interested individuals to participate online or remotely. Presence on social media for the project has been increased, access for online communications and meetings has been bolstered and a project website has been developed for computer or mobile phone access. Several activities have been focused on disadvantaged communities or traditionally underrepresented populations. Translation services are made available as well as Americans with Disabilities Act accessibility requirements being met for informational documents and materials for the project. MCTC will work with a consultant to better ensure meaningful and effective outreach occurs through the duration of the 2022 RTP/SCS update process.

Activities in this element related to the development of the 2022 RTP/SCS and PEIR will culminate with the availability of the Draft 2022 RTP/SCS and PEIR at the conclusion of the 2021/22 fiscal year. Final adoption of the plan and certification of the environmental document is expected to occur in Fall of 2022. The SCS submittal and subsequent review by CARB staff is expected to take place during the 2022/23 fiscal year.

Performance Monitoring Measures

In conjunction with MCTC's long-range transportation planning products, staff will continue to establish appropriate performance measures in order to maintain effective performance-based planning and programming.

California Planning Emphasis Areas

Performance Management

MCTC completed a Project Prioritization Study in 2021 that prioritized all regional projects. The prioritization criteria placed more emphasis on environmental impacts and investment in underserved communities. The prioritization will be utilized in the RTP/SCS planning process. Projects are advanced for programming in the FTIP thereafter based upon deliverability within the four-year element of the FTIP. The 2022 RTP will utilize performance measures to reprioritize projects for each scenario developed for the SCS. The current prioritization criteria are found in the MCTC Project Prioritization Study and are

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

summarized here:

- Consistency with current regional and local plans and policies
- Congestion relief
- Improves air quality and reduces greenhouse gas (GHG) emissions
- Provides improved access to activity centers
- Improves safety
- Supports other modes of transportation
- Estimated project timing (more imminent projects are higher priority)
- Serves smart growth development and/or Sustainable Communities Strategy goals
- Avoids negative environmental impacts on environmental justice, minority and low-income communities, and Native American historic, cultural, and sacred sites
- Improves congested corridors or provides alternative relief to congested corridors
- Provides access to other modes of transportation
- Project is within (serves) a disadvantaged community as indicated by pollution burden
- Project is within (serves) a disadvantaged community as indicated by population characteristics

MCTC will integrate MAP-21 and FAST Act new performance management requirements to improve project decision-making through performance-based planning and programming to choose the most efficient investments for Federal transportation funds as they are applicable to the region. The performance measures (PM) for the Federal highway programs include:

PM 1: HSIP and Safety Performance

PM 2: Pavement and Bridge Condition Performance

PM 3: System Performance/Freight/CMAQ Performance

Previous Work

- 2018 RTP/SCS
- PEIR for the 2018 RTP/SCS
- SCS SB375 Compliance Evaluation Report
- 2018 RTP/SCS Amendment 1
- Draft Outreach Report Chapter of RTP/SCS to document comprehensive outreach activities, materials and input received.
- Draft SCS Report for the RTP/SCS including scenario development process, scenario characteristics, scenario performance
- Draft Equity Analysis Report for the RTP/SCS including assessment of impacts to disadvantaged communities and equitability of planned investments
- Draft 2022 RTP/SCS
- Draft PEIR for the 2022 RTP/SCS
- Amendments to the 2018 RTP as necessary

Product

1. Final 2022 RTP/SCS, including:

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

- 1.1 Final Outreach Report Chapter of RTP/SCS to document comprehensive outreach activities, materials and input received.
- 1.2 Final SCS Report for the RTP/SCS including scenario development process, scenario characteristics, scenario performance
- 2. Final Equity Analysis Report for the RTP/SCS including assessment of impacts to disadvantaged communities and equitability of planned investments
- 3. Final PEIR for the 2022 RTP/SCS
- 4. Finalize SCS Evaluation Report
- 5. Amendments to the 2022 RTP as necessary

Tasks

Task	Description and Responsible Party	% of Work
101.1	<p>RTP/SCS Outreach Activities</p> <ul style="list-style-type: none"> • Conduct Public Hearing for Draft 2022 RTP/SCS • Respond to public comments on Draft 2022 RTS/SCS <p>Responsible Party: MCTC Staff, Consultant (July 2022 through September 2022)</p>	10%
101.2	<p>Finalize 2022 RTP/SCS</p> <ul style="list-style-type: none"> • Edit Draft 2022 RTP/SCS as needed • Present Final Document for Adoption to MCTC Board • Distribute adopted plan to relevant state and Federal partners <p>Responsible Party: MCTC Staff (July 2022 through September 2022)</p>	15%
101.3	<p>Finalize RTP/SCS Program Environmental Impact Report</p> <ul style="list-style-type: none"> • Address all comments received during the PEIR public review period • Present final document for certification to MCTC Board • Distribute final document to relevant state and federal partners <p>Responsible Party: MCTC Staff, Consultant (July 2022 through September 2022)</p>	15%
101.4	<p>Finalize SCS Evaluation Report</p> <ul style="list-style-type: none"> • Prepare SCS submittal report to CARB • Populate technical data tables with travel behavior data from results of 2022 RTP/SCS • Finalize SCS performance report responsive to Sustainable Communities Strategy Program and Evaluation Guidelines <p>Responsible Party: MCTC Staff (July 2022 through June 2023)</p>	50%
101.5	<p>Amendments to the 2022 RTP, as needed</p> <ul style="list-style-type: none"> • As needed, amend the 2022 RTP 	10%

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

	<ul style="list-style-type: none"> As needed, prepare emissions analysis for significant amendments to the 2018 RTP Responsible Party: MCTC Staff (July 2022 through June 2023)	
	Total	100%

FTE: .56

101 Regional Transportation Plan / Sustainable Communities Strategy and Environmental Impact Report

REVENUE BY SOURCE		EXPENDITURES	
Direct Costs:		Direct Costs:	
LTF	4,588	RTP EIR (Consultant)	20,000
MCTA		RTP/SCS Development (Consultant)	20,000
FHWA-PL	35,412		
FTA-Section 5303			
STIP – PPM			
Other			
Subtotal	40,000	Subtotal	40,000
MCTC Staff:		MCTC Staff:	
LTF	20,604	Direct Wages/Benefits plus Indirect:	179,628
MCTA			
FHWA-PL	159,024		
FTA-Section 5303			
STIP – PPM			
Other			
Subtotal	179,628		
Total:	219,628	Total:	219,628

Work Element 102 Regional Housing Planning Program

Objective

To accelerate housing production in the Madera County Region and facilitate compliance with the Regional Housing Needs Assessment (RHNA) plan.

Discussion

California requires that all local governments (cities and counties) adequately plan to meet the housing needs of everyone in the community.

Regional Early Action Planning (REAP):

Approvals of Senate Bill (SB) 113 and Assembly Bill (AB) 101 have made funding available to Councils of Governments and other groups, such as the San Joaquin Valley multiagency working group through a new Regional Early Action Planning (REAP) grant program. MCTC is part of this multiagency working group. This program is administered by the California Department of Housing and Community Development (HCD). The primary goal of the program is to accelerate housing production in California by cities and counties (local agencies) and facilitate compliance with the Regional Housing Needs Assessment prepared by HCD and MCTC.

Local Early Action Planning (LEAP) Grants:

The Local Early Action Planning Grants, provides grants complemented with technical assistance to local governments for the preparation and adoption of planning documents, and process improvements that:

1. Accelerate housing production.
2. Facilitate compliance to implement the sixth-cycle Regional Housing Needs Assessment.

Eligible activities must be related to housing planning and facilitate the streamlining and acceleration of housing production. MCTC will assist with the administration and distribution of LEAP grants in Madera County.

Regional Housing Needs Assessment (RHNA) Plan:

MCTC assisted the State Housing and Community Development (HCD) department with the preparation of the 6th Cycle Madera County Regional Housing Needs Allocation Plan (RHNA) to estimate and allocate the housing needs in the Madera County region as mandated by the State for inclusion in city and county general plan Housing Elements. The RHNA Plan includes determinations of housing allocations specific to each

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

jurisdiction. These housing allocations include the housing needs of all income levels while avoiding further impacting communities with current relatively high proportions of lower income households.

Regional Early Action Planning Grants of 2021 (REAP 2.0):

The purpose of REAP 2.0 is supporting transformative planning and implementation activities that include, but are not limited to, accelerating infill and affordable development; supporting residents through realizing multimodal communities; shifting travel behavior through reducing driving; and increasing transit ridership, walking, and biking as primary modes of transportation. REAP 2.0 is specifically designed to provide Metropolitan Planning Organizations (MPOs) and other eligible applicants with tools and resources to help implement and advance plans, primarily including sustainable communities strategies (SCS) as part of Regional Transportation Plans (RTP). REAP 2.0 seeks to accelerate progress towards state housing goals and climate commitments through a strengthened partnership between the state, its regions, and local entities to collectively accelerate infill development, housing, and VMT reductions in ways that advance equity.

Previous Work

1. Assisted HCD with the preparation of the 6th Cycle 2022 Madera County Regional Housing Needs Allocation Plan.

Product

1. Work with the San Joaquin Valley multiagency working group in the administration of REAP funding in Madera County.
2. Monitor LEAP funding in Madera County and assist member agencies, as needed.
3. Administer REAP 2.0 funds and programs.

Tasks

Task	Description and Responsible Party	% of Work
102.1	Administer Regional Early Action Planning (REAP) Funding <ul style="list-style-type: none"> • Administer REAP funding for MCTC and with local agency partners. Responsible Party: MCTC Staff (July 2022 to June 2023 Ongoing)	20%
102.2	Monitor Local Early Action Planning (LEAP) Funds and Provide Assistance <ul style="list-style-type: none"> • Monitor LEAP funding to local agencies and provide assistance on an as needed basis. Responsible Party: MCTC Staff (July 2022 to June 2023 Ongoing)	10%

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

102.3	Administer Regional Early Action Planning of 2021 (REAP 2.0) <ul style="list-style-type: none"> Administer REAP 2.0 funding for MCTC and with local agency partners. Responsible Party: MCTC Staff (July 2022 to June 2023 Ongoing)	70%
	Total	100%

FTE: .08

102 Regional Housing Planning Program

REVENUE BY SOURCE		EXPENDITURES	
<u>Direct Costs:</u>		<u>Direct Costs:</u>	
LTF		Consultant	200,000
MCTA			
FHWA-PL			
FTA-Section 5303			
STIP – PPM			
Other – REAP	200,000		
Subtotal	200,000	Subtotal	200,000
<u>MCTC Staff:</u>		<u>MCTC Staff:</u>	
LTF		Direct Wages/Benefits plus Indirect:	28,642
MCTA			
FHWA-PL			
FTA-Section 5303			
STIP – PPM			
Other			
Subtotal	28,642		
Total:	228,642	Total:	228,642

Work Element 103 Zero-Emission Vehicle Readiness and Implementation Plan

Objective

Develop a Zero-Emission Vehicle (ZEV) readiness and implementation strategy for the region.

This plan will assess the existing ZEV infrastructure environment, recommend infrastructure improvements and investments, identify implantation strategies and policies to promote ZEV infrastructure adoption in the short and long-term and provide stakeholders with tools to procure, site and install ZEV infrastructure.

Discussion

Governor Newsom's Zero-Emission by 2035 Executive Order (N-79-20) calls for elimination of new internal combustion passenger vehicles by 2035: 100% zero-emission vehicle sales for new passenger cars and trucks by 2035. The same target holds for medium and heavy-duty vehicles by 2045.

The transportation sector, including all passenger cars and light trucks, heavy-duty trucks, off-road vehicles, and the fuels needed to power them, is responsible for about 40% of California's greenhouse gas emissions. It is also responsible for many smog-causing pollutants and is a significant source of toxic air contaminants that directly impact community health. These emissions pose a direct threat to the environment, the economy and public health.

By setting the target in 2035, the Executive Order provides time to plan for and support the increasing consumer demand for these vehicles. MCTC staff will retain a consultant to assist in the development of a ZEV Readiness and Implementation Plan (Plan) to better accommodate existing ZEV users and improve access and effectiveness for increasing future ZEV usage in Madera County.

The work for this element will build towards a comprehensive planning document broken down into several key tasks. The anticipated activity related to these tasks is outlined below.

Previous Work

1. SR 233 Sustainable Corridor Study.
2. Madera County Project Prioritization Study.
3. Fresno-Madera SR41/Ave 9 Sustainable Corridor Study.
4. Existing Conditions Report.

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

Product

1. Future Needs Report.
2. Implementation Report.
3. ZEV Readiness and Implementation Plan.

Tasks

Task	Description and Responsible Party	% of Work
103.1	<p>Project Management</p> <ul style="list-style-type: none"> • MCTC to hold bi-weekly meetings with plan development team • MCTC to provide Caltrans with quarterly reports • MCTC to provide Caltrans with monthly or quarterly invoices <p>Responsible Party: MCTC Staff (July 2021 to December 2022)</p>	5%
103.2	<p>Stakeholder Working Group</p> <p>A stakeholder working group will be formed to provide input into the development of the Plan. Invitations for participation in this group will go to local agency staffs, energy utilities providers, tribal governments, the air quality management district, transportation providers, Caltrans, and other potential stakeholders. The representatives will have an opportunity to engage in the Plan development as a group and individually as necessary. The group will gather collaboratively periodically though the Plan development.</p> <ul style="list-style-type: none"> • Form Stakeholder Working Group • Meet periodically with working group • Meet with individual working group members as needed <p>Responsible Party: MCTC Staff, Consultant (January 2022 to September 2022)</p>	5%
103.3	<p>Identify Future Needs</p> <p>This task will project future conditions and steps necessary to effectively accommodate them. These conditions will include the projected future fleet makeup, ZEV deployment and infrastructure shortfalls to be addressed as a result. Siting for ZEV infrastructure will be analyzed based on travel behavior.</p> <ul style="list-style-type: none"> • Fleet projection • Infrastructure demand • Gap analysis • Siting analysis • Recommendations <p>Responsible Party: MCTC Staff, Consultant (February 2021 to August 2021)</p>	15%

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

103.4	<p>Implementation Plan</p> <p>This task will identify needed actions to accommodate projected future ZEV usage in Madera County. These actions will quantify the addition infrastructure needed to support the projected increase in the ZEV fleet. Through this task, recommendations for potential solutions to existing barriers to ZEV adoption will be outlined.</p> <ul style="list-style-type: none"> • Implementation goals • Implementation strategies • Funding opportunities • Incentivization <p>Responsible Party: MCTC Staff, Consultant (February 2021 to August 2022)</p>	25%
103.5	<p>ZEV Infrastructure Planning Resources Report/Tools</p> <p>The goals for this task are to provide guidance for ZEV infrastructure. Resources developed in this task will help jurisdictions address future infrastructure needs on a planning, design, and implementation level through consideration of permitting practices and building code standards and identifying installation and maintenance costs. A methodology will be created to identify suitable siting for ZEV infrastructure will be created including a listing of most suitable sites in Madera County Communities. Finally, a site suitability checklist will be created for various place types existing in Madera County (dwellings, public institutions, workplaces, destinations).</p> <ul style="list-style-type: none"> • Guidance and costs framework • Siting Methodology • Suitable sites list • Suitability checklist <ul style="list-style-type: none"> ○ Dwellings ○ Public institutions ○ Workplaces ○ Destinations <p>Responsible Party: Consultant (July 2022 to October 2022)</p>	25%
103.6	<p>Plan Finalization</p> <p>This task will identify needed actions to accommodate projected future ZEV usage in Madera County. These actions will quantify the addition infrastructure needed to support the projected increase in the ZEV fleet. Through this task, recommendations for potential solutions to existing barriers to ZEV adoption will be outlined.</p> <ul style="list-style-type: none"> • Compile deliverable reports and products from prior tasks into a comprehensive Draft Plan • Presentations and review of Draft Plan • Comment response and Plan finalization • MCTC Board adoption of Final Plan <p>Responsible Party: MCTC Staff, Consultant (September 2022 to December 2022)</p>	25%

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

	Total	100%
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FTE: .01

103 Zero-Emission Vehicle Readiness and Implementation Plan

REVENUE BY SOURCE		EXPENDITURES	
<u>Direct Costs:</u>		<u>Direct Costs:</u>	
LTF	8,602	Consultant	75,000
MCTA			
FHWA-PL			
FTA-Section 5303			
STIP – PPM			
Other – SB I Sustainable Planning Grant (Formula) 21-22	66,398		
Subtotal	75,000	Subtotal	75,000
<u>MCTC Staff:</u>		<u>MCTC Staff:</u>	
LTF	404	Direct Wages/Benefits plus Indirect:	3,520
MCTA			
FHWA-PL			
FTA-Section 5303			
STIP – PPM			
Other – SB I Sustainable Planning Grant (Formula) 21-22	3,116		
Subtotal	3,520		
Total:	78,520	Total:	78,520

Work Element 104 Oakhurst Multi-modal Mobility Study

Objective

Prepare a Multi-modal Mobility Study in the Oakhurst Community along State Route 41 and State Route 49.

Discussion

State Route (SR) 41 and State Route 49 converge in the community of Oakhurst in Eastern Madera County. These two highways act as the primary travel facilities in the Eastern Madera County as well as the economic hubs for Oakhurst. SR 41 provides access to the community of Oakhurst, leading into the Sierra Nevada Mountains towards Yosemite National Park to the north and Fresno and the San Joaquin Valley to the south. SR 49 branches off SR 41 in Oakhurst providing access to the community of Ahwahnee and Mariposa County to the North.

MCTC staff will retain professional consulting services for the preparation of a study to determine future transportation needs along the SR 41 and 49 corridors in Oakhurst. The study will identify existing and future issues related to safety, mobility, congestion, access, etc., and recommend sustainable improvements that will address the transportation needs of those who live, work, or visit the area through multi-modal approaches whilst maintaining operational and capacity requirements of a state highway system.

The Plan will help to offer additional or improved modal choices in Oakhurst furthering the goals of the Madera County RTP/SCS to advance safe, healthy, and sustainable travel and reducing vehicle generated greenhouse gas emissions.

The Plan will draw from the Caltrans Smart Mobility Framework to help guide effective improvements in the study area with a focus on efficient network management, increased multimodal choices, appropriate speed suitability, better accessibility and connectivity, and fostering equity equitable decision making able to meet the needs of all community members.

Populations in this area of Madera County are burdened by many factors where the average rate is in the lowest 25th percentile of all state census tracts. These include persons living above poverty level, unemployment, active commute rate, access to parks, exposure to Ozone and contaminated drinking water. This plan will outline where transportation investments and strategies can improve these conditions on a public health and economic opportunity level. Providing better access to economic opportunity is a critical component to serving disadvantaged communities. The proposed project area is home to many employment, health, shopping, education and services serving a large number of Eastern Madera County residents.

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

This project will combine stakeholder engagement and a range of analytical techniques to identify practical strategies for developing mobility projects in Oakhurst along SR 41 and 49.

Previous Work

New Project

Product

1. Existing Conditions Report
2. Public Outreach Report
3. Strategies Report
4. Final Study

Tasks

Task	Description and Responsible Party	% of Work
104.1	<p>Project Initiation</p> <ul style="list-style-type: none"> • Release Request for Proposals • Retain Consultant • Finalize Study Scoping <p>Responsible Party: MCTC Staff (January 2023 to February 2023)</p>	2%
104.2	<p>Project Management</p> <ul style="list-style-type: none"> • MCTC to hold bi-weekly meetings with Study development team • MCTC to provide Caltrans with quarterly reports • MCTC to provide Caltrans with monthly or quarterly invoices <p>Responsible Party: MCTC Staff (January 2023 to December 2023)</p>	3%
104.3	<p>Stakeholder Working Group</p> <p>A stakeholder working group will be formed to provide input into the development of the Study. Invitations for participation in this group will go to local agency staffs, tribal governments, transportation providers, local residents and business representatives, Caltrans staff, and other potential stakeholders. The representatives will have an opportunity to engage in the Study development as a group and individually as necessary. The group will gather collaboratively periodically though the Study development.</p> <ul style="list-style-type: none"> • Form Stakeholder Working Group • Meet periodically with working group 	10%

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

	<ul style="list-style-type: none"> Meet with individual working group members as needed <p>Responsible Party: MCTC Staff, Consultant (March 2023 to September 2023)</p>	
104.4	<p>Assess Existing Conditions This task will assess the current state of travel within the project area including regional characteristics, state of existing facilities, current travel behavior, and existing planning environment.</p> <ul style="list-style-type: none"> Regional characteristics Existing facilities Existing travel conditions Planned improvements <p>Responsible Party: MCTC Staff, Consultant (March 2023 to April 2023)</p>	15%
104.5	<p>Community Engagement This task will use outreach to establish community perspective. The task will engage the Oakhurst community through a variety of measures including in-person workshops, online tools, surveys, focused interviews, or other tactics as recommended by the consultant. Outreach activities conducted during the course of the Study will be documented and the results will be used to inform the direction of the Study goals and recommendations. An Outreach report will be prepared outlying all activities useful for the Study development.</p> <ul style="list-style-type: none"> Develop outreach plan Conduct Study workshops Implement online surveys and feedback tools Conduct focused interviews Prepare Outreach Report <p>Responsible Party: MCTC Staff, Consultant (March 2023 to September 2023)</p>	20%
104.6	<p>Identify Strategies This task will identify an array of strategies designed to meet the goals and objectives of the Study. The strategies will include projects to be considered for implementation, changing or creating policies or the preparation of new or additional studies. Additional strategies may be identified if deemed appropriate.</p> <ul style="list-style-type: none"> Identify projects to meet goals and objectives Identify policies to meet goals and objectives Identify where additional study is needed Prepare Strategies Report <p>Responsible Party: Consultant (August 2023 to October 2023)</p>	25%
104.7	<p>Study Finalization</p>	25%

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

	<p>This task will consolidate all prepared deliverables from the prior tasks into cohesive report. The contests will make up a Draft Study to be submitted for internal staff review then for public review. Comments received on the Draft Study during the public review period will be considered and responded to before a final Study is composed. The final Study will be presented and brought for approval to the MCTC Policy Board.</p> <ul style="list-style-type: none"> • Compile deliverable reports and products from prior tasks into a comprehensive Draft Study • Presentations and review of Draft Study • Comment response and Study finalization • MCTC Board adoption of Final Study <p>Responsible Party: MCTC Staff, Consultant (October 2023 to December 2023)</p>	
	Total	100%

FTE: .04

104 Oakhurst Multi-modal Mobility Study

REVENUE BY SOURCE		EXPENDITURES	
<u>Direct Costs:</u>		<u>Direct Costs:</u>	
LTF	20,220	Consultant	176,284
MCTA			
FHWA-PL			
FTA-Section 5303			
STIP – PPM			
Other – SB I Sustainable Planning Grant (Formula) 22-23	156,064		
Subtotal	176,284	Subtotal	176,284
<u>MCTC Staff:</u>		<u>MCTC Staff:</u>	
LTF	1,055	Direct Wages/Benefits:	9,200
MCTA			
FHWA-PL			
FTA-Section 5303			
STIP – PPM			
Other – SB I Sustainable Planning Grant (Formula) 22-23	8,145		
Subtotal	9,200		
Total:	185,484	Total:	185,484

Public Transportation Planning

201 Transit

202 Rail

Work Element 201 Transit

Objective

To maintain a continuing public transportation planning process pursuant to requirements of the Alquist-Ingalls Act (AB-402, 1977); the Social Service Improvement Act (AB-120, 1979); the Mello Act (SB-157, 1985); the Social Service Transportation Act (SB-498, 1987), and the Specialized Transportation Services: unmet transit needs Act (SB-826, 1988 and SB 807, 1989).

Discussion

Planning to meet the transportation needs of residents of Madera County is a continuing program of MCTC.

MCTC staff has implemented the requirements of the Safe, Accountable, Flexible, Efficient Transportation Equity Act – A Legacy for Users (SAFETEA-LU) pertaining to coordination and the need for developing a locally developed coordinated public-transit human services transportation plan. MCTC last adopted a coordinated plan on July 22, 2015. MCTC staff has begun updating the Coordinated Public Transit-Human Services Transportation Plan (Coordinated Plan). As part of the Coordinated Plan development process, MCTC will form a committee to review, and update coordinated strategies. The committee will consist of the Social Service Transportation Advisory Council (SSTAC), human service agencies, local transit providers, and community members.

MCTC staff will partner with the County of Madera, City of Madera, City of Chowchilla, the State of California, and Tribal Governments in the State's effort to promote public participation in transportation planning to address common goals of promoting mobility, equity, access, safety, and sustainable communities in our area. MCTC staff will continue to collaborate with Caltrans on future transit related projects.

MCTC staff maintains the Short-Range Transit Plan (SRTP), a five-year plan completed in 2021-22 and valid through 2026-27. This plan responds to State, Federal, and local requirements to ensure public transit services are effective in meeting the needs within the Madera region. The SRTP is intended to serve as a guide for improving public transit agencies within Madera County. The plan reviews recent progress, evaluates existing operations and conditions, and recommends future strategic actions to affect positive changes. A key component of the SRTP is the development of realistic operating and capital projections based on present and future performance of the existing systems over the next five years.

MCTC staff will continue to work closely with the Transit Advisory Board (TAB) and monitor transit issues in the City of Madera.

MCTC staff will post information related to public transportation on MCTC's website and

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

social media pages.

MCTC staff will examine transit as it relates to non-social services-oriented travel and farmworker transportation needs.

MCTC staff encourages transit operators to update their emergency preparedness plans and to conduct frequent emergency drills and exercises for the safety and security of the transportation system. Performance management is an area of emphasis determined by the FHWA California Division and FTA Region IX.

Partnered with UC Davis, Valley MPOs, and Michael Sigala of Sigala Inc., MCTC staff was involved in a study regarding alternatives for meeting transit needs in rural San Joaquin Valley. The project goal is to develop a pilot program in all eight counties in the Valley for new, technology-driven mobility service that meet transit needs of rural and disadvantaged residents, is cost-effective and financially sustainable, and helps achieve VMT and GHG targets. The final report was released in September 2017.

The North Fork Rancheria of Mono Indians of California operates the North Fork Rancheria Tribal Transit Program (NFRTP), jointly funded through the Tribal Transit Program administered by the Federal Transit Administration and the Tribal Transportation Program administered by the Bureau of Indian Affairs. The NFRTP also serves target populations of elderly, persons with disabilities, and low-income to medical and other essential services.

These tasks together will support the regional planning goals by enhancing transportation system coordination, efficiency, and intermodal connectivity to keep people and goods moving.

MCTC staff participated in the City of Madera's Transit Plan Study. The City of Madera transit plan services assessment goal is to evaluate the City's transit system and devise operational and policy changes to formulate a Madera Transit Plan that will improve the system. The goals of this study include improving connectivity with other modes of transportation and systems to advance multi-modal transportation within the region, improve the efficiencies of the system's operations, and lay out a plan for future policy or operational changes. MCTC staff will continue to participate in the development of this plan as requested.

Previous Work

1. Transit Plans.
2. 2018 Regional Transportation Plan – Public Transportation Element.
3. Social Services Transportation Inventory and Action Plan.
4. City of Madera Fixed Route Feasibility Study.
5. Short Range Transit Plan – 2022/23 – 2026/27.
6. Conduct scientific public survey of Eastern Madera County Residents regarding potential transit system between Fresno and Yosemite National Park – 2013.
7. UC Davis Alternatives for Meeting Transit Needs in Rural San Joaquin Valley Study.

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

8. Coordinated with member agencies regarding Transit Asset Management (TAM) Plans.
9. Public Transportation Safety Plan Targets (PTASP) coordination.
10. Updated Transit MOUs – March 2020

Product

1. Transit services database for Madera County to include GIS maps of service areas.
2. Document tribal government-to-government relations.
3. Review transit operator agreements and update if needed.
4. Coordinate with member agencies regarding Transit Asset Management (TAM) Plans.
5. Review and update various transit plans.
6. Set PTASP targets for the region.

Tasks

Task	Description and Responsible Party	% of Work
201.1	Transit Service Inventory <ul style="list-style-type: none"> • Continue to maintain and update information for the transit services inventory Responsible Party: MCTC Staff (Monthly, July 2022 to June 2023)	10%
201.2	Monitor Information for RTP Update <ul style="list-style-type: none"> • Monitor information for update of the RTP Responsible Party: MCTC Staff (Monthly, July 2022 to June 2023)	25%
201.3	Transit Operator Agreements <ul style="list-style-type: none"> • Review transit operator agreements and update as necessary Responsible Party: MCTC Staff (Quarterly, July 2022 to June 2023)	10%
201.4	Consultation, Coordination, and Collaboration for Environmental Justice <ul style="list-style-type: none"> • Consultation, coordination and collaboration with tribal governments and farmworker transportation groups as needed to ensure that environmental justice requirements are being addressed/complied with. Responsible Party: MCTC Staff (Quarterly, July 2022 to June 2023)	15%
201.5	Consultation, Coordination, and Collaboration for Outreach <ul style="list-style-type: none"> • Continue to coordinate and collaborate with Environmental Justice communities and Disadvantage Communities to ensure outreach is being properly conducted. Responsible Party: MCTC Staff	10%

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

	(July 2022 to June 2023)	
201.6	Transit Advisory Board Participation <ul style="list-style-type: none"> Participation on Transit Advisory Board and monitor related transit agencies. Responsible Party: MCTC Staff (Quarterly, July 2022 to June 2023)	10%
201.7	Transit Asset Management (TAM) Plan Coordination <ul style="list-style-type: none"> Transit Asset Management (TAM) Plan coordination with transit agencies. Responsible Party: MCTC Staff (July 2022 to June 2023)	10%
201.8	Public Transportation Safety Plan Target Coordination <ul style="list-style-type: none"> Public Transportation Safety Plan Target coordination with transit agencies. Responsible Party: MCTC Staff (July 2022 to June 2023)	10%
	Total	100%

FTE: .35

201 Transit

REVENUE BY SOURCE		EXPENDITURES	
<u>Direct Costs:</u>		<u>Direct Costs:</u>	
LTF			
MCTA			
FHWA-PL			
FTA-Section 5303			
STIP – PPM			
Other			
Subtotal		Subtotal	
<u>MCTC Staff:</u>		<u>MCTC Staff:</u>	
LTF	8,936	Direct Wages/Benefits plus Indirect:	77,905
MCTA			
FHWA-PL			
FTA-Section 5303	68,969		
STIP – PPM			
Other			
Subtotal	77,905		
Total:	77,905	Total:	77,905

Work Element 202 Rail

Objective

MCTC Staff will maintain a continuing, cooperative, and coordinated transportation planning process for rail modes consistent with the principles of livable communities.

Discussion

MCTC monitors local, State, and Federal requirements impacting local plans for the rail transportation modes. Information developed is documented in staff reports and included in the Regional Transportation Plan for action.

MCTC has taken many steps in RTP development to ensure safety and capacity issues are addressed with all modes through better planning and design and using Travel Demand Management approaches to system planning and operations. As a result of these activities, MCTC has met livability/sustainability Planning Emphasis Area objectives.

MCTC staff will monitor the development of the California High-Speed Train. With the passage of Proposition 1A in November 2008, the High-Speed Train project was given an infusion of \$9.95 billion in bond funding. The California High-Speed Rail Authority has divided the proposed system into several segments for the purpose of Project-level Preliminary Engineering Design and Environmental analysis. Since Madera County sits on the “wye-connection” between three of these segments (San Jose-Merced, Merced-Fresno, and Fresno-Bakersfield), MCTC staff will attend meetings and engage in other forms of stakeholder outreach to ensure that the County is fully represented at every step of the process. The 2012 CHSRA Business Plan funded the construction of the first phase of the segment through Madera and Fresno counties with the sale of Prop 1A bonds to match Federal CHSRA grant funds beginning in 2014. The 2018 RTP/SCS addresses local connectivity to the Merced and Fresno stations focusing on Amtrak along the SR 99 corridor and BRT along the SR 41 corridor into Fresno.

In 2016 the California High Speed Rail Authority released its 2016 Business Plan. The plan called for a transfer of riders from Amtrak and High-Speed Rail to take place in Madera due to the proximity of the proposed High Speed Rail alignment and the existing alignment of the BNSF railroad Amtrak currently operates on. MCTC Staff is engaged with staff from Madera County, City of Madera, San Joaquin Joint Powers Authority and CHSRA in planning for an inclusive and effective transfer station between Amtrak and High-Speed Rail in Madera.

The 2020 HSR Business Plan proposes to fully develop the San Joaquin Valley Segment between Bakersfield and Merced for early service, including understanding the opportunity for connections to the San Joaquins line of Amtrak and Altamont Corridor Express services. Staff will continue to work with its partners in this planning effort throughout the 2021-2022 fiscal year.

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

The "Intercity Passenger Rail Act of 2012" (AB 1779), was enacted on September 29, 2012. AB 1779 reauthorizes regional government agencies' ability to form the San Joaquin Joint Powers Authority (SJPA) to take over the governance/management of the existing San Joaquin intercity passenger rail service between Bakersfield-Fresno-Modesto-Stockton-Sacramento-Oakland. Madera County is represented on the SJPA Board by an MCTC Commissioner backed by an additional MCTC Commissioner as an Alternate.

The San Joaquin Valley Rail Committee (SJVRC) acts as a technical advisory group to the SJPA Board. Previously, MCTC staff as well as MCTC Policy Board Members were voting members of this group. New bylaws proposed by the SJPA Board altered the nature of the SJVRC membership. MPO board members and staff are no longer eligible to be representatives for this group. MCTC staff assisted the SJPA in finding new Madera County representatives for the SJVRC and is committed to assisting these volunteers in the new role in any way possible.

The Central Valley Rail Working Group (CVRWG) was originally composed of four counties – Merced, Stanislaus, San Joaquin, and Sacramento. Since the new push to add early morning passenger rail service from Fresno to Sacramento, elected officials from Madera County as well as MCTC staff have been invited to participate in CVRWG meetings. This group will focus on improved passenger rail service to Sacramento, station improvements along the corridor, and collaborating with the California High Speed Rail Authority.

On April 26, 2018, California State Transportation Agency announced that the SJPA and San Joaquin Valley Rail Committee applied for and was successful in being awarded \$500.5 million of Transit and Intercity Capital Program (TIRCP) funding to expand San Joaquin and ACE services. As part of this service, the Sacramento Subdivision will be upgraded between Sacramento and Stockton to allow for passenger rail service with up to six new stations along the corridor. Additionally, new layover facilities will be constructed in Natomas (in Sacramento) and Fresno, and two trainsets may be procured for the expanded service. Additional projects to be funded with these funds include additional parking, a new station in Oakley, and a relocated Madera Station. The application identifies \$26.7 million of the TIRCP award for the Madera Station relocation. MCTC staff will monitor and participate in activities related to the project as needed throughout 2020-2021.

In 2020 the San Joaquin Joint Powers Authority Board Certified an Initial Study/Mitigated Negative Declaration for a project to relocate the Madera Amtrak station to Avenue 12 in Madera County. The construction relocation and opening of the station is expected to occur within the next four years. MCTC staff will continue to work with partners to plan for the operations of the Amtrak station at the new location.

In 2021, contractors were chosen by the San Joaquin Joint Powers Authority for engineering services and buildout for the Madera Station Relocation Project. Engineering is estimated to be completed in 2024, and complete buildout of the new station is estimated to be completed in 2026. SJPA anticipate additional funding needs to complete the HST platform and intend to pursue state and federal programs. The HST is

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

expected to begin service in the San Joaquin Valley by 2030.

On April 4, 2022, Caltrans, Division of Transportation Planning announced Madera County was awarded a Sustainable Transportation Planning Grant. Madera County was awarded \$450,000 for the Madera Station Relocation Transit Area Specific Plan Project.

Madera County will lead the project in partnership with the City of Madera, Madera County Transportation Commission, San Joaquin Joint Powers Authority (SJPA), California High-Speed Rail Authority (CHSRA), and Caltrans. This effort will guide the design and land-use in the vicinity of the station area as well as enable Madera County to promote economic development, encourage station area development, and enhance multi-modal access connections between the station, the City of Madera, Madera Community College, and other surrounding communities throughout Madera County and northern Fresno County.

Previous Work

1. Monitored rail development plans for Multimodal facility in Madera and relocation of Amtrak station.
2. Member of the Madera County High Speed Rail Technical Working Group.
3. Incorporated livability/sustainability PEA principles in RTP development.

Product

1. Updated information on rail planning for inclusion in the updates of the RTP.
2. Staff reports on rail issues.
3. Minutes from the Central Valley Rail Working Group and San Joaquin Valley Rail Committee meetings.

Tasks

Task	Description and Responsible Party	% of Work
202.1	Review Planning issues related to rail <ul style="list-style-type: none"> • Provide feedback and/or comments on plans, studies, or policies pertinent to the regions multi-modal systems • Incorporate findings into the RTP/SCS where applicable Responsible Party: MCTC Staff (July 2022 to June 2023)	15%
202.2	Provide staff analysis of available funding resources for rail planning projects <ul style="list-style-type: none"> • Analyze and share information for new and existing resources able to support the regions multi-modal systems Responsible Party: MCTC Staff (July 2022 to June 2023)	15%

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

202.3	Participate in meetings/workshops related to rail <ul style="list-style-type: none"> Participate in reoccurring meetings and workshops hosted by local, regional, state, and Federal partners related to multi-modal transportation Responsible Party: MCTC Staff (July 2022 to June 2023)	20%
202.4	Participate in San Joaquin Joint Powers Authority, San Joaquin Valley Rail Committee <ul style="list-style-type: none"> Participate in activities related to the San Joaquin Joint Powers Authority, San Joaquin Valley Rail Committee, and other commuter rail subjects of interest to the Madera region as needed. Responsible Party: MCTC Staff (July 2022 to June 2023)	30%
202.5	Participate in the Madera Station Relocation Transit Area Specific Plan Project <ul style="list-style-type: none"> Support Madera County staff in partnership with the City of Madera, Caltrans, CHSRA, and CalSTA in the development of the Plan. Responsible Party: MCTC Staff (July 2022 to June 2023)	20%
Total		100%

FTE: .11

202 Rail

REVENUE BY SOURCE		EXPENDITURES	
<u>Direct Costs:</u>		<u>Direct Costs:</u>	
LTF			
MCTA			
FHWA-PL			
FTA-Section 5303			
STIP – PPM			
Other			
Subtotal		Subtotal	
<u>MCTC Staff:</u>		<u>MCTC Staff:</u>	
LTF	37,220	Direct Wages/Benefits plus Indirect:	37,220
MCTA			
FHWA-PL			
FTA-Section 5303			
STIP – PPM			
Other			
Subtotal	37,220		
Total:	37,220	Total:	37,220

Active Transportation Planning

301 Active Transportation Planning

Work Element 301 Active Transportation Planning

Objective

MCTC Staff will maintain a continuing, cooperative, and coordinated transportation planning process with Federal, State, and Local partners for active transportation programs consistent with the principles of livable communities.

Discussion

MCTC monitors local, State and Federal requirements impacting local plans for non-motorized modes. Information developed is documented in staff reports and included in the Regional Transportation Plan for action.

The Madera County Bicycle and Pedestrian Facilities Plan was updated in 2004 and recommendations from the Plan were incorporated into the 2014 RTP. Continuing staff support to local agencies in the implementation of the Bicycle and Pedestrian Facilities Plan was provided.

The Bicycle and Pedestrian Facilities Plan was replaced by the 2018 Madera County Regional Active Transportation Plan (ATP) which includes an audit of the bicycle and pedestrian networks, safety assessments, recommendations, and public outreach. The ATP lays the groundwork for an ongoing active transportation program to be utilized in all Madera County jurisdictions.

A Complete Streets Policy Guide was also adopted in 2018 to assist local jurisdictions with the adoption of their own Complete Streets Policy. Complete Streets policies ensure a connected network of streets that are accessible to all users which can encourage mode shift to non-motorized transportation that will support the goals and objectives of the Active Transportation Plan and the Sustainable Communities Strategy.

MCTC partnered with the City of Madera and the Technology Transfer Program at University of California, Berkeley's Institute of Transportation Studies in 2015 to conduct a Pedestrian Safety Assessment at various locations within the City of Madera.

Caltrans District 6 is currently working with the Headquarters Smart Mobility and Active Transportation Branch in developing the California Active Transportation Plan (CAT). Each District will be required to develop a CAT plan. District 6 is in the preliminary stages of developing communication with internal District 6 functional units such as Traffic Operations, Design, Public Information Office, and Asset Management. Stakeholder engagement will be conducted throughout the development of the plan using map-based survey tools. There will be a specific focus on engagement with disadvantaged communities. Planning will develop contextual guidance for selecting bike/pedestrian facilities needed for SHOPP Project Initiation Report documents.

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

Caltrans District 6 is updating the Bicycle Guide for Complete Streets Elements 2015. The Bicycle Plan and Complete Streets Facilities for Caltrans District 6 (2019) has been completed. Additionally, "Towards an Active California State Bicycle & Pedestrian Plan" was completed in 2017.

Previous Work

1. Updated information on bicycle and pedestrian facilities for inclusion in the 2014, and 2018 RTPs.
2. Incorporated livability/sustainability PEA principles in RTP development.
3. Conducted Pedestrian Safety Assessment with City of Madera.
4. Adopted the Madera County Regional Active Transportation Plan in 2018.
5. Adopted the Complete Streets Policy Guide in 2018.
6. Created Interactive ATP webpage.
7. Participated in ATP meetings with Federal, State and Local agencies.

Product

1. Update information on bicycle and pedestrian facilities for inclusion in the 2022 RTP.
2. Prepare staff reports on non-motorized issues.
3. Continue collaboration with Federal, State and Local agencies regarding bicycle and pedestrian facilities.
4. Work with Local agencies to encourage the inclusion of bicycle and pedestrian facilities in their planning processes.
5. Work with Local agencies to encourage the inclusion of complete streets policies in their planning processes.
6. Support and encourage Local agencies to seek funding for bicycle and pedestrian facility projects.

Tasks

Task	Description and Responsible Party	% of Work
301.1	Review Planning issues related to bicycle and pedestrian facilities <ul style="list-style-type: none"> • Provide feedback and/or comments on plans, studies, or policies pertinent to the regions multi-modal systems • Incorporate findings into the RTP/SCS where applicable Responsible Party: MCTC Staff (July 2022 to June 2023)	25%
301.2	Provide staff analysis of available funding resources for non-motorized planning projects <ul style="list-style-type: none"> • Analyze and share information for new and existing resources able to support the regions multi-modal systems 	20%

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

	Responsible Party: MCTC Staff (July 2022 to June 2023)	
301.3	Participate in meetings/workshops related to bicycle and pedestrian facilities <ul style="list-style-type: none"> Participate in meetings and workshops hosted by Federal, State, and Local, partners related to multi-modal transportation Responsible Party: MCTC Staff (July 2022 to June 2023)	20%
301.4	Collect data to support the maintenance of an Active Transportation Plan including bicycle and pedestrian safety assessments <ul style="list-style-type: none"> Collect any important data and information related to maintaining or updating the Active Transportation Plan Update the ATP webpage as needed Responsible Party: MCTC Staff (July 2022 to June 2023)	35%
	Total	100%

FTE: .52

301 Active Transportation Planning

REVENUE BY SOURCE		EXPENDITURES	
<u>Direct Costs:</u>		<u>Direct Costs:</u>	
LTF			
MCTA			
FHWA-PL			
FTA-Section 5303			
STIP – PPM			
Other			
Subtotal		Subtotal	
<u>MCTC Staff:</u>		<u>MCTC Staff:</u>	
LTF		Direct Wages/Benefits plus Indirect:	159,371
MCTA			
FHWA-PL	141,091		
FTA-Section 5303			
STIP – PPM	18,280		
Other			
Subtotal	159,371		
Total:	159,371	Total:	159,371

Highways, Corridors, and Routes of Regional Significance

401 Highways, Corridors, and Routes of Regional Significance

Work Element 401 Highways, Corridors, and Routes of Regional Significance

Objective

To maintain a continuing, cooperative, and coordinated regional Goods Movement, Streets, and Highways planning process which coordinates with our San Joaquin Valley partners and is also responsive to local needs and to State and Federal planning requirements.

Discussion

The San Joaquin Valley Regional Planning Agencies Directors Committee commissioned the development of a Valleywide Goods Movement Action Plan. Based on the success of the Route 99 Business Plan and to compete for goods movement funding, the valley needed a Goods Movement Action Plan that was similar in nature to the Route 99 Business Plan. The Goods Movement Action Plan identifies the priorities and the necessity of goods movement projects in the valley. In Madera County, there is particular interest in the State Route 99, State Route 152, and State Route 41 Corridors for economic development and goods movement primarily from farm to market.

State Route 99 Coordination

MCTC staff has been in active coordination and consultation with Caltrans regarding the State Route 99 Corridor. Working with the Great Valley Center and Caltrans, a Business Plan was developed for the corridor running through the valley. Partly because of this coordination and Business Plan, the Proposition 1B bond included a State Route 99 earmark, the only transportation earmark in the bond placed before the voters. Those funds have been awarded to needed projects, but there is an additional \$5 Billion plus in projects remaining to be funded. The next objective is to develop a Financial Plan for the remaining projects that need to be funded.

Throughout this process is the potential consideration by the State of interstate status for State Route 99. At the prompting of various valley interests, the Governor did issue a letter stating, without any financial commitment, that interstate status should be investigated. Caltrans in consultation with the Federal Highways Administration determined that pursuing interstate status was not feasible at this time but will re-evaluate in the future.

San Joaquin Valley Interregional Goods Movement Plan

The San Joaquin Valley Interregional Goods Movement Plan was completed in August of 2013. It identifies future preferred goods movement system for the Valley implemented through a comprehensive interregional strategy.

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

The planning effort involved numerous stakeholders including the Federal Highway Administration, Caltrans, ports, private trucking industry, railroads, regional transportation agencies, the agricultural industry, and others. The product of this joint study is a San Joaquin Valley Policy Council planning document. Results of the Plan were included in the 2014 RTP.

San Joaquin Valley Goods Movement Sustainable Implementation Plan

The San Joaquin Valley Goods Movement Sustainable Implementation Plan (SJVGMSIP) built upon the previously completed San Joaquin Valley Interregional Goods Movement Plan which identified “first and last mile connectivity” (e.g. to-and-from freight hubs located within proximity of highways or agricultural processing centers, distribution centers, intermodal facilities, and industrial and commercial zoned land and other freight hubs), truck routing and parking needs, rural priority corridors, and developing a goods movement performance and modeling framework for the San Joaquin Valley as critical needs steps for further evaluation and development.

This study was funded through a 2014-15 Caltrans Partnership Planning for Sustainable Transportation grant program for continued evaluation and refinement of the San Joaquin Valley goods movement system.

San Joaquin Valley I-5 Goods Movement Plan

Building upon previous goods movement planning efforts, the eight San Joaquin Valley Regional Planning Agencies undertook a study for Interstate 5 and State Route 99, major freight movement corridors identified as part of the United States Department of Transportation (USDOT) National Primary Freight Network and vital to Valley's economy. This study was completed in June 2016.

This study was funded through a 2015-16 Caltrans Emerging Priorities grant for continued evaluation and refinement of the San Joaquin Valley goods movement system. Cambridge Systematics was the prime consultant engaged on this study. MCTC staff joined many other Central California transportation stakeholders to participate on the SJV Goods Movement Technical Advisory Committee. A demonstration project for truck platooning was planned for spring of 2017 but got cancelled by the truck platooning vendor.

Study of Short-Haul Rail Intermodal Facilities in the San Joaquin Valley

A major outcome of the San Joaquin Valley Regional Goods Movement Action Plan 2007 was the proposal of a rail corridor system extending from the Port of Oakland, to the Tehachapi Pass, and connecting to points east of south of the San Joaquin Valley.

The rail corridor system will allow goods currently being trucked through the Valley to be “diverted” to the rail corridor. This will relieve congestion, facility deterioration and air pollution by reducing truck vehicle miles traveled (VMT) – the number one contributor to all these factors. Cambridge Systematics has been retained to conduct an analysis of

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

Short Haul Rail Intermodal Facilities in the San Joaquin Valley.

Origin/Destination and Fiscal Impact Study

MCTC joined with Fresno COG, Madera County, Fresno County, and the City of Fresno in undertaking an Origin/Destination and Fiscal Impact Study. This study provided a comprehensive understanding of transportation movements and subsequent effects between Fresno and Madera Counties. The joint study consisted of two parts. Part one was an analysis of origin and destination traffic movements between the two counties. Part two provided an analysis of the fiscal impacts of such movements on the local and regional economy. The results of the joint study are intended to better inform local decision-making bodies regarding commuter patterns and their economic impacts, while improving the regional planning agencies' abilities to implement their Sustainable Communities Strategies. Phase One of the study was completed in the fall of 2016. Phase Two was completed in the summer of 2017.

MCTC also maintains an active streets and highways planning process which is used to identify and document the need for new facilities and expansion of existing facilities to accommodate projected regional growth. Future needs are evaluated relative to projections of available financial resources and fundable projects are advanced to the Regional Transportation Plan and the Regional Transportation Improvement Program.

Included in this work element is staff participation in corridor studies, project level traffic studies, review of agency general plan updates, and review of local agency circulation elements for adequacy to meet projected needs. Streets and highways is a major focus of the Regional Transportation Plan (RTP). Passage of Measure "T" provides a needed infusion of funding into the local program. Generally, staff efforts will be directed towards the identification of safety and congestion problems to establish priorities for future project funding. Additionally, opportunities for implementation of Intelligent Transportation Systems to problems will be explored.

Funding of transportation infrastructure is a critical need. Staff will work to develop tools necessary to identify costs of improvements needed to accommodate projected regional growth and to assign benefits by geographic area. Staff will also continue efforts to identify and maximize external funding sources to support transportation improvements within Madera County.

State Route 99 Multimodal Corridor Plan

The purpose of the SR 99 Multimodal Corridor Plan is to identify the boundaries of the corridor and present a District-wide unified vision for the corridor. The Multimodal Corridor Plan will identify projects and strategies with associated performance measures that position the Caltrans Districts and partner agencies to compete for funding through different programs. MCTC staff will continue to participate with District 6 and San Joaquin Valley MPO partners to assist in the development of the State Route 99 Multimodal Corridor Plan.

California Inland Port Feasibility Analysis – Phase III

In 2019, the Central Valley Community Foundation along with the San Joaquin Valley Air Pollution Control District, The Ports of Long Beach, and Los Angeles, all eight counties of the San Joaquin Valley, and other partners initiated a California Inland Port Feasibility Analysis. The purpose of the study was to assess the viability of establishing a rail-served inland port project in California. The study was conducted by Global Logistics Development Partners (GLD Partners), an investment advisory firm specializing in transportation and logistics investments.

The outcome of the study was a California Inland Port Feasibility Analysis Preliminary Business Model report, completed on April 8, 2020. The report documented the viability of an intermodal rail service to/from the Ports of Long Beach and Los Angeles northward through the Central Valley, and terminating in Sacramento, for replacing the current all truck transport system.

Phase III of the California Inland Port Feasibility Analysis will include creating a California Inland Port Advisory Council; assessing market interest, support, and commitments among shippers; determining core project finance metrics; engage and work with the two Class One railroad companies; create functional transport centers that are models for clean energy transportation; develop associated economic competitiveness opportunities; and prepare a business plan for project implementation.

Previous Work

1. Provided technical support and participated in the Fresno-Madera County Freeway Interchange Deficiency Study – Phase I & II.
2. San Joaquin Valley Goods Movement Action Plan.
3. Participation in Goods Movement Studies: Study of San Joaquin Valley Interregional Goods Movement Plan, San Joaquin Valley Goods Movement Sustainable Implementation Plan, and the San Joaquin Valley I-5/SR 99 Goods Movement Corridor Study.
4. San Joaquin River Regional Transportation Study.
5. Participation on VTA sponsored SR 152 Trade Corridor Study.
6. Participation in SR 99 and SR 41 Congestion Management Plans.
7. Participation in the San Joaquin Valley Interregional Goods Movement Plan.
8. Study of Short-Haul Intermodal Facilities in the San Joaquin Valley.
9. Origin/Destination with Fiscal Impact Study

Product

1. Staff reports on various corridor and project level traffic studies, including SR 41 High Emphasis Focus Route, SR 49 designation, and SR 99.

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

2. Data pertinent to accurate modeling of travel data on goods movement corridors.
3. Participate in the development of Phase III of the San Joaquin Valley Inland Port Feasibility Study
4. Participate with the development of the SR 99 Multimodal Corridor Plan.

Tasks

Task	Description and Responsible Party	% of Work
401.1	Review local agency circulation elements including goals, policies, and objectives <ul style="list-style-type: none"> • Provide feedback and comments as necessary Responsible Party: MCTC Staff (July 2022 to June 2023)	10%
401.2	Prepare staff analysis on impacts of existing, proposed, and new State and Federal funding programs on local agencies <ul style="list-style-type: none"> • Provide feedback and comments as necessary Responsible Party: MCTC Staff (July 2022 to June 2023)	10%
401.3	Prepare staff analysis on various studies, plans, and reports on the State Highways System as needed <ul style="list-style-type: none"> • Provide feedback and comments as necessary Responsible Party: MCTC Staff (July 2022 to June 2023)	10%
401.4	Participate where applicable with Phase III of the San Joaquin Valley Inland Port Feasibility Analysis <ul style="list-style-type: none"> • Participate in analysis Advisory Council • Provide feedback and comments on the development of the analysis Responsible Party: MCTC Staff (July 2022 to June 2023)	50%
401.5	Participate and provide technical support for the SR 99 Multimodal Corridor Plan <ul style="list-style-type: none"> • Participate in plan oversight committee • Provide feedback and comments on the development of the plan Responsible Party: MCTC Staff (July 2022 to June 2023)	20%
	Total	100%

FTE: .21

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

401 Highways, Corridors, and Routes of Regional Significance

REVENUE BY SOURCE		EXPENDITURES	
<u>Direct Costs:</u>		<u>Direct Costs:</u>	
LTF			
MCTA			
FHWA-PL			
FTA-Section 5303			
STIP – PPM			
Other			
Subtotal		Subtotal	
<u>MCTC Staff:</u>		<u>MCTC Staff:</u>	
LTF	7,974	Direct Wages/Benefits plus Indirect:	69,522
MCTA			
FHWA-PL	61,548		
FTA-Section 5303			
STIP – PPM			
Other			
Subtotal	69,522		
Total:	69,522	Total:	69,522

Programming and Financial Management

501 Transportation Program Development

502 Project Coordination and Financial Programming

Work Element 501 Transportation Program Development

Objective

To identify transportation improvements proposed for implementation within the four-year time frame of the Federal Transportation Improvement Program (FTIP), and other associated documents and plans, in compliance with State and Federal requirements.

Discussion

State law and Federal regulations require regional transportation planning agencies to prepare transportation improvement programs (FTIPs). FTIPs are formulated at three levels: regional, State and Federal. In order for a transportation project to receive State or Federal funding or project approvals, the project must be advanced from an air quality conforming RTP and FTIP. The FTIP is a short-range, four-year capital improvement program which is updated biennially to satisfy Federal requirements. Projects are advanced from the Regional FTIP to the Federal STIP by Caltrans following an air quality conformity finding by MCTC as the recognized Metropolitan Planning Organization (transportation planning agency). Work began on the 2023 FTIP in Fall 2021 and will be completed in Summer 2022.

State legislation (Senate Bill 45) restructured the STIP development process and places increased responsibility on local agencies for identifying and advancing projects for State Transportation Improvement Program (STIP) programming. Funding is now made available based on a 75%/25% county minimum and Caltrans split. The "local share" is apportioned to the county based upon the old "county minimums" formula. The "local share" is now programmed by MCTC pursuant to certain project eligibility requirements as identified in STIP guidelines. The MCTC also has the option to bid for projects in the 25% Caltrans share subject to specific conditions. The STIP has a five-year programming period which is updated biennially by the region and approved by CTC. Each year involves considerable effort by staff to monitor developments related to the implementation of revised STIP requirements.

Under Federal transportation legislation, MCTC is responsible for Federal funding programs: Regional Surface Transportation Block Grant Program (RSTP); the Congestion Mitigation and Air Quality Program (CMAQ); and other Federal funding sources. Project funding decisions on these three sources are under the MCTC's control within Federal program guidance. Appropriate prioritization and selection processes for the region was consistent with the requirements of Federal transportation legislation. MCTC is eligible to exchange its RSTP funds for State funds. Additionally, all three performance measures have been established for the 2021 FTIP and will be incorporated in the 2023 FTIP.

Assembly Bill 1012 was enacted into law during February of 1999 to speed up the delivery of RSTP, and CMAQ. projects. The legislation establishes "Program Delivery Advisory"

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

teams representing State, Regional and Local Transportation Officials. The team's main goal is to assist in the expeditious delivery of transportation projects and to expedite the use of the large cash balance in the State Highway Account. One of the main objectives of the project delivery teams was to seek ways in which to integrate environmental reviews more extensively into the transportation planning process. The Caltrans' Environmental Review team and local agencies are investigating ways in which to coordinate activities with resources and permit agencies; to establish increased use of environmental inventories to identify sensitive areas; and improve analytical tools to speed up delivery of projects.

The legislation also provides that funds apportioned for Federal transportation programs shall remain available for three Federal fiscal years. The funds are subject to a "use it or lose it" legal requirements. MCTC in conjunction with its member agencies will be responsible for establishing project delivery and obligation authority milestones through preparation of AB 1012 Obligation Plans. These Plans will be prepared utilizing the recommended Caltrans format and will indicate monthly the amounts of Federal funds anticipated to be obligated.

The State Department of Transportation (Caltrans) in cooperation with State Metropolitan Planning Organizations has developed the California Transportation Improvement Program System (CTIPS). CTIPS is a project programming database that enables secure electronic information sharing between Caltrans and MPOs. The CTIPS project, funded by Caltrans, was initiated several years ago by the Data Base Users Group (DBUG), a joint Caltrans-MPO transportation information and programming group. It was determined that State and regional transportation planning and programming areas should be supported with the best available information and databases. CTIPS has resulted in enhanced State and regional decision-making capabilities.

MCTC staff provides continued project monitoring for federally funded projects and assists member agencies with programming projects. MCTC staff will continue to participate with California Financial Planning Group (CFPG) meetings to discuss programming issues statewide. MCTC staff will coordinate with the eight (including MCTC) San Joaquin Valley MPOs with Inter-Agency Consultation (IAC) partners and participate in conference calls as required. Staff will continue with meetings with member agencies and reports to the MCTC Board to help reduce or eliminate obligation delays and loss of funding on projects programmed in the FTIP. MCTC staff will provide oversight and will monitor federally funded projects for timely obligation, project expenditures, and final invoicing between Caltrans and member agencies. MCTC staff will assist member agencies with programming any federally funded project into the FTIP and procuring the authorization to proceed (E-76) from Caltrans District Local Assistance. As part of the monitoring process, an annual obligation plan is submitted to Caltrans to help ensure the obligation of funds has commenced to comply with the provisions of AB 1012 (timely use of funds). Staff conducts meetings as necessary with member agencies to discuss project progress, obligation status, and to provide assistance when needed.

The Policy Board has granted the Executive Director the authority to approve Type 1-3 FTIP Amendments.

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

Previous Work

1. Exchanged RSTP.
2. Programmed CMAQ funding consistent with adopted Expedited Project Selection Process (EPSP).
3. Coordinated FTIPs with RTIPs.
4. Provided updated information to member agencies concerning AB 1012 activities and new State requirements for the "timely use" of State and Federal funds.
5. Prepared "local" Obligation Plans for the CMAQ program to track regional obligation progress in meeting AB 1012 requirements.
6. Entered MOU with Caltrans to "Lump-Sum" the State Highway Operation and Protection Program (SHOPP) to help accelerate the delivery of State projects.
7. Adopted previous Madera County FTIPs and Air Quality Conformity Findings.
8. Various FTIP amendments.
9. Adopted RTIPs.
10. Annual Listing of Obligated Projects: 2002-2021.
11. Conducted a CMAQ Call for Projects in FY 19-20.
12. 2021 FTIP and Air Quality Conformity Analysis adopted in February 2021.

Product

1. 2023 FTIP.
2. Amendments to the 2021 FTIP and Air Quality Conformity Analysis.
3. Amendments to the 2023 FTIP and Air Quality Conformity Analysis.
4. Staff analysis of project funding available to Madera County.
5. Public Notices and Inter Agency Consultation.
6. RSTP appropriation process.
7. Project selection and implementation of CMAQ Program.
8. Local Obligation Plans for CMAQ per AB 1012 requirements.
9. Federal Annual Listing of Obligated Projects.
10. CMAQ Annual Obligation report.
11. Additional STIP revisions.
12. CMAQ Call for Projects in 2022 or 2023, if necessary.

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

Tasks

Task	Description and Responsible Party	% of Work
501.1	Review California Transportation Commission Fund Estimates and policies <ul style="list-style-type: none"> • Review State funding estimates and policy guidelines and updates. Responsible Party: MCTC Staff (July 2022 to June 2023 through fall 2023)	2%
501.2	Review Caltrans IIP and solicit local agency input <ul style="list-style-type: none"> • Review State transportation planning and coordinate with local agencies. Responsible Party: MCTC Staff (July 2022 to June 2023 - as needed/required through entire Fiscal Year, as requested by State and local agencies)	3%
501.3	Complete preparation of 2023 FTIP and Air Quality Conformity Documents and amend 2021 FTIP, as needed <ul style="list-style-type: none"> • Complete preparation of 2023 FTIP and Air Quality Conformity Analysis for the 2023 FTIP and 2022 RTP. Continue to amend the 2021 FTIP on an as needed basis. Responsible Party: MCTC Staff (July 2022 to June 2023 - as needed/required through entire Fiscal Year, as requested by State and local agencies)	60%
501.4	Coordination of FTIP and RTP <ul style="list-style-type: none"> • Ongoing coordination of the 2021 FTIP and 2018 RTP and the 2023 FTIP and 2022 RTP. Responsible Party: MCTC Staff (July 2022 to June 2023 - as needed/required through entire Fiscal Year)	10%
501.5	Prepare, submit, and upload various CMAQ Reports <ul style="list-style-type: none"> • Prepare annual reports for the CMAQ Program and input to Federal database. Responsible Party: MCTC Staff (4 Quarter 2022)	7%
501.6	Prepare and submit AB 1012 Report <ul style="list-style-type: none"> • Prepare and submit annual AB 1012 Report to Caltrans Division of Local Assistance on status of CMAQ obligations for the Fiscal Year. Coordinate with local agencies. Responsible Party: MCTC Staff (1 Quarter 2023)	5%
501.7	Participate in Statewide CFPG and Program CTIPS <ul style="list-style-type: none"> • Participate in the California Federal Programmers Group and program the FTIP utilizing the Caltrans CTIPS database. 	4%

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

	Responsible Party: MCTC Staff (July 2022 to June 2023 through entire fiscal year)	
501.8	Prepare Annual Listing of Federal Projects <ul style="list-style-type: none"> Prepare and post the Annual Listing of Federal Projects that obligated funds during the prior Federal fiscal year. Responsible Party: MCTC Staff (4 Quarter 2022)	3%
501.9	CMAQ Call for Projects <ul style="list-style-type: none"> Conduct a CMAQ Call for Projects (if necessary) for the 2023 FTIP. Solicit and evaluate proposals from local agencies. Approve projects and amend into FTIP. Responsible Party: MCTC Staff (August 2022 to June 2023)	6%
	Total	100%

FTE: .52

501 Transportation Program Development

REVENUE BY SOURCE		EXPENDITURES	
<u>Direct Costs:</u>		<u>Direct Costs:</u>	
LTF			
MCTA			
FHWA-PL			
FTA-Section 5303			
STIP – PPM			
Other			
Subtotal		Subtotal	
<u>MCTC Staff:</u>		<u>MCTC Staff:</u>	
LTF	20,005	Direct Wages/Benefits plus Indirect:	174,415
MCTA			
FHWA-PL	154,410		
FTA-Section 5303			
STIP – PPM			
Other			
Subtotal	174,415		
Total:	174,415	Total:	174,415

Work Element 502 Project Coordination and Financial Programming

Objective

To prioritize regional transportation projects by monitoring State and Federal funding requirements, including existing and proposed regulations and through coordination with local agencies to establish priorities according to accepted performance measures.

Discussion

Senate Bill 45 provides opportunities for regions to utilize State funding (STIP) for improvements to State highways and local streets and roads. Regional Transportation Planning Agencies and local agencies have expanded responsibilities for project development, programming, and delivery and are expected to satisfactorily complete all procedural requirements pursuant to State and Federal regulations. This work element provides staff time dedicated to keeping current with all State/Federal regulations affecting project delivery and working with local agencies to ensure that project work activities are responsive to these requirements, are timely, and are processed correctly. Local agencies are responsible for normal engineering and environmental work activities related to project delivery but are expected to coordinate closely with MCTC staff to ensure that required work activities and products satisfy current State/Federal requirements and are consistent with the Regional Transportation Plan.

It is anticipated that projects will be advanced by local agencies from the priority list of projects in the Regional Transportation Plan. These projects must have a completed Project Study Report, prepared by the implementing agency (City of Chowchilla, City of Madera, and County of Madera), prior to proceeding to programming. Once programmed, there are various applications for funds which must be processed as well as requirements for the timely use of funds. State/Federal requirements change in response to new legislative initiatives such as the IJJA, FAST Act, and Senate Bill 45, and as guidelines are developed and modified to respond. Rather than have each MCTC member agency try to keep current with all requirements, this work element provides a staff resource to be utilized by each agency with emphasis on those activities related to responding to State/Federal agency requirements.

Previous Work

1. Planning, Programming, and Monitoring of STIP projects.

Product

1. Project transportation planning and programming support services.
2. Prioritization and financial cash flow analysis.

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

Tasks

Task	Description and Responsible Party	% of Work
502.1	Federal/State Project Programming and Delivery Requirements <ul style="list-style-type: none"> Review and maintain Federal/State programming and delivery requirements. Responsible Party: MCTC Staff (July 2022 to June 2023)	20%
502.2	Work with Local Agencies on Federal/State Project Programming and Delivery Requirements <ul style="list-style-type: none"> Provide staff time dedicated to keeping current with all State/Federal regulations affecting project delivery and working with local agencies to ensure that project planning and programming work activities are responsive to these requirements, are timely, and are processed correctly. Responsible Party: MCTC Staff (July 2022 to June 2023)	30%
502.3	Prioritize Projects in FTIP and RTP <ul style="list-style-type: none"> Prioritize projects for inclusion in FTIP and RTP based upon accepted performance measures and financial analysis. Responsible Party: MCTC Staff (July 2022 to June 2023)	45%
502.4	Evaluate State Funding Programs for Applicability and Implementation <ul style="list-style-type: none"> Evaluate Strategic Growth Council's Affordable Housing and Sustainable Communities Program and other State funding programs for applicability and implementation in Madera County. Responsible Party: MCTC Staff (July 2022 to June 2023)	5%
	Total	100%

FTE: .12

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

502 Project Coordination and Financial Programming

REVENUE BY SOURCE		EXPENDITURES	
<u>Direct Costs:</u>		<u>Direct Costs:</u>	
LTF			
MCTA			
FHWA-PL			
FTA-Section 5303			
STIP – PPM			
Other			
Subtotal		Subtotal	
<u>MCTC Staff:</u>		<u>MCTC Staff:</u>	
LTF		Direct Wages/Benefits plus Indirect:	34,286
MCTA			
FHWA-PL			
FTA-Section 5303			
STIP – PPM	34,286		
Other			
Subtotal	34,286		
Total:	34,286	Total:	34,286

Data Services, Forecasting, and Modeling

601 Travel Demand Model Management

602 Air Quality Modeling

603 GIS and Mapping Resources

604 Performance Management and Data Development

605 Regional Traffic Monitoring Program

Work Element 601 Travel Demand Model Management

Objective

To maintain a regional travel demand model for support in transportation and air quality planning activities.

Discussion

The Madera County travel demand model was initially developed in 1993-94 with major updates in 2001, 2012, 2015, and 2019. It was last updated as part of the San Joaquin Valley Model Improvement Program (MIP) utilizing the Cube Base/Voyager software system. The model has been updated to a new base year of 2018.

MCTC participated in the San Joaquin Valley Model Improvement (MIP) Plan which updated all the San Joaquin Valley transportation demand models. As a result, the new transportation demand model has been updated to improve its sensitivity to smart growth strategies and improve interregional travel estimates. These improvements were required to respond to the requirements of Assembly Bill 32, the Global Solutions Warming Act of 2006, and Senate Bill 375 which requires the development of a Sustainable Community Strategy (SCS) in our Regional Transportation Plan (RTP). An update to the MCTC MIP model took place in 2015 and was utilized for amending the 2014 RTP/SCS and developing and amending the 2018 RTP/SCS.

The MCTC MIP model with 2010 base year and 2040 analysis year was used for the 2014 RTP/SCS process as the basis for scenario evaluation through performance measures. The Madera CTC MIP Model was approved with the 2014 RTP/SCS in July 2014. An update to the MCTC MIP model took place in 2015 and was utilized for amending the 2014 RTP/SCS and developing and amending the 2018 RTP/SCS.

The current MCTC Model was updated by Elite Transportation Group. The update advanced the base year to 2018, applied latest planning assumptions related to travel behavior, and improved mode choice with more robust transit network modeling. The model was be utilized for activities supporting the development of the 2022 RTP/SCS and 2023 FTIP.

The model is used in support of traffic analyses for plans, programs, and projects carried out by the City of Chowchilla, the City of Madera, Madera County, Tribal Governments, and Caltrans. In addition, the model is used by Madera County as the basis for its traffic impact fee program. This work element provides for network database maintenance (i.e., reflecting newly constructed roads) and enhancements necessary to provide air quality modeling capabilities as well as support for ongoing streets and roads planning.

SB 743 (2013), requires that the existing metric of Level of Service (LOS), used in measuring

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

transportation impacts in CEQA, be replaced with Vehicle Miles Travelled as a metric of analysis. MCTC has and continues to coordinate with local agencies and state staff regarding this change taking effect on July 1, 2020. The MCTC Model was updated with SB 743 in mind so it may serve as an adequate tool towards required travel analysis and impacts for the environmental review of projects in the Madera Region. MCTC staff will continue to collaborate with its partners to ensure the model is in a state to best assist local governments with the implementation of SB 743. Staff will provide technical assistance for using the traffic model to assess VMT analysis.

MCTC, through the On-Call Technical Services and Modeling Program, developed an external trip projection table to be utilized for modeling activities related to the development of the 2022 RTP/SCS and 2023 FTIP. The tables were built utilizing data from the California Statewide Travel Demand Model.

This element also includes the costs for maintenance of the modeling software itself in addition to providing for on-call technical planning/modeling consultant support to address technical planning and modeling issues as they may arise. Staff regularly assists with project specific modeling assistance including select zone and link analysis.

Air quality issues are increasingly driving traffic model application. The San Joaquin Valley transportation planning agencies have jointly sponsored a comprehensive review of modeling needs within the valley with the intent of identifying a strategic plan for model development to satisfy air quality requirements. By an agreement executed in 1999 between the San Joaquin Valley Regional Transportation Planning Agencies and the California Air Resources Board, a new modeling software platform has been implemented. The software represents a significant improvement in the state of the art and is expected to provide a higher level of information for use in ongoing air quality planning activities.

MCTC prepared the model with latest planning assumptions for use in the 2022 RTP/SCS and 2023 FTIP modeling activities. These assumptions include a regional growth forecast that includes population, households, employment, housing units, school enrollment, etc. by the year 2046.

Previous Work

1. Developed and updated latest planning assumptions for traffic analysis zones, land use assumptions and model network for 2022 RTP/SCS and EIR projects and Federal air quality conformity determinations for various criteria pollutants
2. Provided data for various transportation planning studies.
3. 2019 Madera Travel Demand Model Update
4. SB743 VMT Postprocessing Tool
5. 2022 RTP/SCS Scenario Modeling
6. 2023 FTIP and 2022 RTP/SCS and EIR Conformity Modeling

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

Product

1. Create Model Runs for Significant RTP and FTIP Amendments
2. Provide Modeling Data and Assistance

Tasks

Task	Description and Responsible Party	% of Work
601.1	RTP/SCS Model Data <ul style="list-style-type: none"> • Utilize modeling output data from the preferred RTP/SCS scenario to assist in the development of new transportation plans, policies, or programs as needed. Responsible Party: MCTC Staff (July 2022 to October 2023)	40%
601.2	Additional Local Agency and Partner Modeling and Technical Support <ul style="list-style-type: none"> • Assist local agencies with modeling assistance where needed • Provide model data as requested to state and Federal partners Deliverable: Model run output data Responsible Party: MCTC Staff (July 2022 to June 2023)	30%
601.3	Additional Model Runs for Significant Amendments of the RTP and FTIP <ul style="list-style-type: none"> • When needed, Run model for significant amendments of the RTP and FTIP Deliverable: Model input or output data Responsible Party: MCTC Staff (July 2022 to June 2023)	30%
	Total	100%

FTE: .22

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

601 Travel Demand Model Management

REVENUE BY SOURCE		EXPENDITURES	
<u>Direct Costs:</u>		<u>Direct Costs:</u>	
LTF	6,251	On-call Consultant	50,000
MCTA		Traffic Model Support	4,500
FHWA-PL	48,249		
FTA-Section 5303			
STIP – PPM			
Other			
Subtotal	54,500	Subtotal	54,500
<u>MCTC Staff:</u>		<u>MCTC Staff:</u>	
LTF	9,331	Direct Wages/Benefits plus Indirect:	81,354
MCTA			
FHWA-PL	72,023		
FTA-Section 5303			
STIP – PPM			
Other			
Subtotal	81,354		
Total:	135,854	Total:	135,854

Work Element 602 Air Quality Modeling

Objective

To maintain an ongoing coordinated transportation/air quality planning process consistent with the goal of attaining and maintaining Federal and State air quality standards.

Discussion

Ongoing air quality planning incorporates all activities necessary to ensure compliance with Federal and State air quality standards. The United States Environmental Protection Agency (EPA) has designated the entire San Joaquin Valley Air Basin as an "Extreme" 8-Hour Ozone, PM 2.5 non-attainment area, and a PM 10 attainment/maintenance area. MCTC participates with the eight San Joaquin Valley Transportation Planning Agencies, the San Joaquin Valley Air Pollution Control District (Air District), and State and Federal agencies to proactively address air quality issues. Focus is maintained on support of improved technical analyses of transportation related issues, development of effective transportation control measures, and addressing the overall air quality problem through staying informed and engaged in a broad range of efforts to identify solutions. The San Joaquin Valley Interagency Consultation Group (IAC) serves as the conduit for interagency consultation required for air quality conformity determinations and for coordinating member agency commitments to implement TCMs consistent with the approved attainment demonstration plans.

The Air District holds primary responsibility for development and adoption of attainment plans for the San Joaquin Valley. The eight Valley transportation planning agencies and the Air District have developed a coordinated, cooperative, and consistent planning process through a joint Memorandum of Understanding (MOU). An annual "Work Plan" provides for coordination of work items including (1) submission of Vehicle Miles Traveled (VMT) forecasts for development of emission budgets, (2) updating of attainment demonstration plans, (3) joint evaluation of TCMs, and other opportunities to work jointly on projects or studies that address air quality improvement.

Traditional control methods directed at stationary and mobile sources are reportedly reaching their limits of effectiveness. It is, therefore, necessary to review and broaden assignment of responsibility for the quality of our air. Local government control measures are being implemented to address areas under the jurisdiction of local government. Additionally, as transportation choices made by the general public can significantly affect emissions from motor vehicles, education of the general public regarding effects of behavioral patterns is critical. MCTC coordinates and advises in the development of local government control measures and encourages conscientious travel choices. Pertinent air quality information is disseminated directly to the local tribal governments and MCTC staff is made available to assist with air quality requirements.

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

The San Joaquin Valley MPO Directors continue joint funding for a valley-wide air quality coordinator, responsible to the Directors, to ensure that air quality conformity and related modeling within the Valley is accomplished on a consistent and timely basis consistent with the requirements of MAP-21 and the FAST Act. The Federal Clean Air Act requirements are complex and require continual monitoring of changes and interpretations of the requirements. Increased involvement in technical analyses of plans, programs, and projects has been necessary during the last several years to ensure compliance. MCTC remains involved in the air quality conformity process through participation in statewide and regional workshops and committees (i.e., EMFAC 2017, etc.).

The EMFAC model developed by CARB plays an important role in analyzing impacts to air quality caused by travel behavior in the Madera Region. The model creates an inventory of various vehicle types operating throughout the state by specific region. This inventory includes low-emission and zero-emission vehicles (ZEV). The EMFAC model projects the expected market integration ZEV in the Madera Region for MCTC state AND federal air quality analysis. MCTC has demonstrated its transportation planning related air quality impacts conform to the Ozone, PM 2.5, and PM 10 standards. The MCTC Policy board acknowledged these findings and directed MCTC staff to forward the results of the analysis to appropriate state and Federal authorities who concurred with the findings.

In 2019 Safer Affordable Fuel Efficient (SAFE) Rule 1 was presented for rulemaking by the U.S. Environmental Protection Agency (EPA) and U.S. Department of Transportation's National Highway Traffic Safety Administration (NHTSA). The rule was finalized in 2019 revoking California's authority to implement the Advanced Clean Cars and ZEV mandates. CARB staff was able to develop an adjustment to the EMFAC model to account for the change. MCTC staff will continue to monitor the status of the SAFE Rule under new administration and assist CARB staff where needed with refinement to the EMFAC model resulting from any changes to the status of the SAFE rule.

MCTC staff have established the latest planning assumptions to be utilized in the development of the 2022 RTP/SCS and EIR and the 2023 FTIP modeling activities. Staff will utilize data output from various analysis years to prepare air quality emissions analysis for SB 375 and to demonstrate Federal air quality conformity. Modeling data output from various projection years and scenarios will be converted into EMFAC14 model inputs. The EMFAC14 model will be run to create detailed emission data upon which to develop emissions analysis for SB 375 and Federal air quality conformity requirements.

Staff will coordinate with CARB regarding the preparation of the SCS Evaluation Report for the 2022 RTP/SCS. This report will document the technical data supporting the successful implementation of an SCS plan for the Madera region able to demonstrate compliance with SB 375 greenhouse gas reduction mandates.

Previous Work

1. Federal Air Quality Conformity Analysis Corresponding to the 2021 FTIP

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

2. 2015 Ozone Conformity Analysis, 2019 FTIP Amendment No. 3 (Type 5 – Formal), 2018 RTP Amendment No. 1
3. Federal Air Quality Conformity Analysis Corresponding to the 2018 RTP/SCS and EIR and 2019 FTIP
4. Emissions Analysis for the 2018 RTP/SCS and EIR as required for SB375
5. 2022 RTP/SCS and EIR Emissions Analysis as required for SB375
6. 2023 FTIP, 2022 RTP/SCS and EIR, Corresponding Conformity Analysis

Product

1. SCS Evaluation Report for the 2022 RTP/SCS
2. Hot-Spot Analysis, other airy data in support of emissions/air quality planning
3. Federal Air Quality Conformity Analysis for Significant Amendments of the RTP or FTIP

Tasks

Task	Description and Responsible Party	% of Work
602.1	<p>SCS Evaluation Report for CARB staff in support of an effective and implementable SCS able to comply with GHG reduction mandates per SB 375</p> <ul style="list-style-type: none"> • Prepare SCS data table • Prepare SCS compliance report <p>Deliverable: SCS Evaluation Report Responsible Party: MCTC Staff (July 2022 to March 2023)</p>	65%
602.2	<p>Multi-Agency Coordination for Air Quality Planning Activities</p> <ul style="list-style-type: none"> • Participate with Interagency Consultation (IAC) group on technical matters related to Air Quality analysis • Work with SJVAPCD and other agencies to determine if there are traffic control measures, reasonably available control measures and/or best available control measures able to be pursued for congestion or inclusion is attainment demonstrations <p>Responsible Party: MCTC Staff, Consultant (July 2022 to March 2023)</p>	5%
602.3	<p>Assist Local Agencies and State and Federal Partners with Air Quality Analysis Technical Support</p> <ul style="list-style-type: none"> • Assist local agencies with Hot-spot emissions assessment as needed. • Provide model data as requested to state and Federal partners in support of emissions/air quality planning <p>Deliverable: Model run, model output data Responsible Party: MCTC Staff (July 2022 to June 2023)</p>	15%

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

602.4	Prepare Air Quality Conformity Determination for new SIP standards or Significant Amendments to the RTP and FTIP <ul style="list-style-type: none"> • Prepare new Conformity Determination Deliverable: Conformity Determination Responsible Party: MCTC Staff (July 2022 to June 2023)	15%
Total		100%

FTE: .27

602 Air Quality Modeling

REVENUE BY SOURCE		EXPENDITURES	
<u>Direct Costs:</u>		<u>Direct Costs:</u>	
LTF		Air Quality Consultant	8,000
MCTA			
FHWA-PL	7,082		
FTA-Section 5303			
STIP - PPM	918		
Other			
Subtotal	8,000	Subtotal	8,000
<u>MCTC Staff:</u>		<u>MCTC Staff:</u>	
LTF		Direct Wages/Benefits plus Indirect:	95,958
MCTA			
FHWA-PL	84,952		
FTA-Section 5303			
STIP - PPM	11,006		
Other			
Subtotal	95,958		
Total:	103,958	Total:	103,958

Work Element 603 GIS and Mapping Resources

Objective

To develop and maintain a database of regional planning information for use in support of all transportation planning activities of MCTC. The database includes information on regional demographics, streets and highways inventories including congestion management issues, transit systems and services, rail, aviation, and non-motorized facilities.

Discussion

MCTC has developed several planning databases in support of regional transportation planning activities. These include demographic projections for use in traffic modeling and air quality analysis; an inventory of regionally significant roads (including all State highway facilities); and land use and zoning summaries. This information is maintained in computer files using database managers as well as in MCTC's geographic information system (GIS).

This work element provides for the continuing maintenance and development of these databases. GIS training and continued development of a GIS program are ongoing tasks. Focus will be on refining information related to defining road infrastructure needs as well as incorporating demographic data as available from the 2020 Federal census.

All databases will be made available to Caltrans upon request for use in meeting statewide management system requirements as well as statewide traffic modeling needs.

As a component of the Madera County 2010 Traffic Model Update, the MCTC regional planning database was updated and validated. The existing land use database was updated using available data sources and future land use projections were developed using two different methods. The GIS database was also updated, and an integrated spatial projection created for MCTC GIS data was created.

After the adoption of the 2018 RTP/SCS, the MCTC regional modeling planning database was reviewed for accuracy and updated and validated as needed with assistance from traffic engineering and modeling consultants. Additional review and refinement occurred during the most recent MCTC model update in 2019.

After the adoption of the 2018 RTP/SCS and subsequent Environmental Document, MCTC staff began the process of updating various data sets used in the planning process related to baseline condition assumptions and long-range travel forecasting. These new data sets will be utilized for planning documents and technical modeling and reporting tools.

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

MCTC participates on the Madera County GIS Users Group which was formed by Madera County GIS staff. The intent of the GIS User Group is to increase coordination and communication among GIS users throughout the region and to review and make recommendations on items brought forth pertinent to activities members of the group are engaged in.

MCTC updates the significant roadway network as needed to run new air quality analysis for new or amended RTP and FTIP roadway projects. The most recent RTP amendment incorporated new roadway configurations and project open to traffic dates for the future improvements along the State Route 41 corridor. The significant roadway network is used in the modeling process for travel volumes and air quality analysis. Additional review and refinement occurred during the most recent MCTC model update in 2019.

The eight MPOs in the San Joaquin Valley will collaborate on a data collection project in fiscal year 2021/2022. The San Joaquin Valley Household Travel Survey will collect data for the eight counties, including household demographic information, travel patterns, and trip-making characteristics. The data will be used in estimation, calibration, and validation of the travel demand models owned by the eight Valley MPOs. These models are a critical tool for planning activities at local, regional, state, and federal levels, such as RTP/SCS development, conformity, transportation corridor studies, environmental justice analysis, SB 743 VMT analysis under CEQA, impact fee nexus studies, and transit service planning.

The Valley MPOs will sponsor the survey, with involvement from Caltrans District 6 and 10 staff, as Caltrans uses the Valley MPO's models in the design and planning of state facilities. HCD will also be a partner in the survey as they will be sponsoring a supplemental housing survey as an add-on of the travel survey. The data and a final report with detailed travel characteristics summarized for each county will be developed at the conclusion of the project and provided to each Valley MPO.

Previous Work

1. Developed demographic projections by TAZ for 2042 in support of the 2018 RTP/FTIP
2. Developed basic inventory of regionally significant roads with geographic keys
3. Established database structure for roads inventory
4. Provided GIS training for employees
5. Developed basic inventory of regionally significant roads with geographic keys.
6. Established database structure for roads inventory.
7. Provided GIS training for employees.
8. Developed GIS database for Madera County housing units by TAZ based upon the 2010 Census demographics at the block level.
9. Developed layer and database of disadvantaged communities for use in funding applications.
10. MCTC staff coordinated with local agencies to acquire bicycle and pedestrian counts within disadvantaged communities to be used in the database for use in

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

- funding applications.
11. Developed database of transit routes and stops.
 12. Developed VMT Screening map.
 13. Developed traffic monitoring database.

Product

1. 2022 San Joaquin Valley Household Travel Survey
2. Maintenance of GIS databases and related map layers for use by local agencies, tribal governments, and the State for describing existing conditions on transportation facilities within Madera County.
3. Maintenance of demographic database for Madera County with projections by TAZ as needed to support air quality analysis requirements for amendments to the 2018 RTP and 2019 and 2021 FTIPs.
4. Continuous coordination with local agencies, neighboring counties, and Caltrans.
5. Continuous GIS training for MCTC staff.

Tasks

Task	Description and Responsible Party	% of Work
603.1	Madera County GIS User Group Meeting (Monthly) Responsible Party: MCTC Staff (July 2022 to June 2023)	5%
603.2	SJV Household Travel Survey – Project Oversight and Assistance Project deliverables to be provided by Project Managers (Fresno COG Staff): <ul style="list-style-type: none"> • Request for proposals, proposal scoring sheet • Kick-off meeting notes • Draft survey methodology and instrument design report, Draft survey questionnaire • Draft Sampling Design Report • Written report about interviewer training. Survey pilot/pretest procedure and evaluation, final instrument design and procedures • Public outreach plan, outreach materials, such as social media ads, bilingual flyers, website announcements, eblasts, etc. • Memo detailing the procedure for administering the survey, notes from weekly meetings with project manager, preliminary analysis of the quality of data and oversampling recommendation • Memo documenting weighting and data expansion methodology, processed data for each Valley COG • Draft report with survey results for each of the eight counties in the Valley, final report with survey results for each of the eight counties in the Valley, data delivered to the MPOs in electronic format, presentations to COG Directors Committee, Fresno COG's TTC/PAC, and Policy Board Responsible Party: Project Managers, Consultant, MCTC Staff	25%

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

	(July 2022 to June 2023)	
603.3	Maintain Layer Data and Database Responsible Party: MCTC Staff (July 2022 to June 2023)	25%
603.4	Maintain Layer and Database for Bridges Responsible Party: MCTC Staff (July 2022 to June 2023)	5%
603.5	Maintain Layer and Database for Bicycle Pedestrian, and Transit Networks Responsible Party: MCTC Staff (July 2022 to June 2023)	15%
603.6	Maintain Administrative Layers for Land Use and Zoning Responsible Party: MCTC Staff (July 2022 to June 2023)	10%
603.7	Maintain Layer and Database for Disadvantaged Communities Responsible Party: MCTC Staff (July 2022 to June 2023)	15%
	Total	100%

FTE: .19

603 GIS and Mapping Resources

REVENUE BY SOURCE		EXPENDITURES	
<u>Direct Costs:</u>		<u>Direct Costs:</u>	
LTF			
MCTA			
FHWA-PL			
FTA-Section 5303			
STIP – PPM			
Other			
Subtotal		Subtotal	
<u>MCTC Staff:</u>		<u>MCTC Staff:</u>	
LTF		Direct Wages/Benefits plus Indirect:	62,055
MCTA			
FHWA-PL	54,937		
FTA-Section 5303			
STIP – PPM	7,118		
Other			
Subtotal	62,055		
Total:	62,055	Total:	62,055

Work Element 604 Performance Management and Data Development

Objective

Development of transportation performance measures (PM) and targets as part of the Regional Transportation Planning Process.

Discussion

The MAP-21 and FAST Acts established new performance management requirements to ensure that MPOs improve project decision-making through performance-based planning and programming to choose the most efficient investments for Federal transportation funds. The performance measures (PM) for the Federal highway programs include:

PM 1: HSIP and Safety Performance

PM 2: Pavement and Bridge Condition Performance

PM 3: System Performance/Freight/CMAQ Performance

Performance Measure 1: The Safety PM Final Rule supports the data-driven performance focus of the HSIP and establishes five performance measures to carry out the HSIP: the five-year rolling averages for: (1) Number of Fatalities, (2) Rate of Fatalities per 100 million VMT, (3) Number of Serious Injuries, (4) Rate of Serious Injuries per 100 million VMT, and (5) Number of Non-Motorized Fatalities and Non-Motorized Serious Injuries. These safety performance measures are applicable to all public roads regardless of ownership or functional classification. The Safety PM Final Rule also establishes a common national definition for serious injuries.

The reporting cycle for the Safety PM is annual and there are no penalties for not meeting targets.

Performance Measure 2: MAP-21 and subsequent Federal rulemaking established Federal regulations that require the development of a Transportation Asset Management Plan (TAMP) and the implementation of Performance Management. These regulations require all states to utilize nationally defined performance measures related for pavements and bridges on the National Highway System (NHS). The Bridge and Pavement Performance Management Final Federal Rule established six performance measures related to the performance of the Interstate and non-Interstate NHS for the purpose of carrying out the National Highway Performance Program (NHPP) to assess pavement and bridge condition. The specific performance measures are:

- Pavement Performance of the NHS
 - Percentage of Interstate pavements in Good condition
 - Percentage of Interstate pavements in Poor condition

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

- Percentage of non-Interstate pavements in Good condition
- Percentage of non-Interstate pavements in Poor condition
- Bridge Performance of the NHS
 - Percentage of NHS bridges in Good condition
 - Percentage of NHS bridges in Poor Condition

MCTC will establish targets for these measures within 180 days of the State establishing targets. MCTC must establish 2 and 4-year targets for these measures and agree to plan or program projects so that they contribute toward accomplishment of the State performance targets or by establishing quantifiable targets for these measures for the MPA.

Performance Measure 3: Seven performance measures related to the performance of the Interstate and non-Interstate National Highway System were also established for the purpose of carrying out the NHPP; to assess freight movement on the Interstate System; and to assess traffic congestion and on-road mobile source emissions for the purpose of carrying out the Congestion Mitigation and Air Quality Improvement (CMAQ) Program. The measures are:

- Performance of the NHS:
 1. Percent of the person-miles traveled on the Interstate that are reliable (referred to as the Interstate Travel Time Reliability measure).
 2. Percent of person-miles traveled on the non-interstate NHS that are reliable (referred to as the Non-Interstate Travel Time Reliability measure).
 3. Percent change in tailpipe CO₂ emissions on the NHS compared to the calendar year 2017 level (referred to as the Greenhouse Gas (GHG) measure). This measure was repealed on May 31, 2018.
- Freight Movement on the Interstate System:
 4. Truck Travel Time Reliability (TTTR) Index (referred to as the Freight Reliability measure).
- CMAQ Program Traffic Congestion:
 5. Annual Hours of Peak Hour Excessive Delay (PHED) Per Capita (PHED measure).
 6. Percent of Non-Single Occupancy Vehicle (SOV) Travel.
- CMAQ On-Road Mobile Source Emissions:
 7. Total Emissions Reduction.

The measure's applicability and reporting requirement depend on each MPA location and size.

The U.S. Department of Transportation encourages state DOTs and MPOs to further develop and implement a performance management approach to transportation planning and programming that supports the achievement of transportation system performance outcomes.

The performance-based planning activities require regular coordination with Federal, State, and local agency officials; outreach to local stakeholders; identification of available data sources, data collection; identification of reasonable and achievable

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

targets, development of a monitoring plan and reporting process; and integration of the performance-based approach into planning and programming processes and plans. MCTC coordinated with State and local partners to establish regional targets for all three Performance Measures: PM 1, 2, and 3, as applicable. MCTC will continue to coordinate with Federal, State, and local agencies to the maximum extent practicable. MCTC targets were reported to Caltrans, which must be able to provide the targets to FHWA, upon request. MCTC will continue to monitor.

Previous Work

1. Retained Consultant to develop baseline safety data and targets for safety performance measures.
2. Established performance targets for PM 1, 2, and 3 and report processes with local agencies.
3. Signed target reporting agreements with Caltrans for PM1, and mid-performance updates for PM2.
4. Signed agreements with local jurisdictions to reflect inclusion of performance target coordination, setting, and report processes.
5. Safety Performance Targets incorporated into the 2018 Regional Transportation Plan.

Product

1. Annual Safety targets (PM 1) setting for the region.

Tasks

Task	Description and Responsible Party	% of Work
604.1	<p>Coordination Activities</p> <ul style="list-style-type: none"> • Coordinate with FHWA and Caltrans regarding Federal and State requirements. Caltrans conducts periodic assessment of target goals during their mid-performance review setting. MCTC will participate and review targets as appropriate to help the state with its reviews. • Coordinate with local agencies in regard to data and target setting. • Collaborate with local agency representatives and other stakeholders regarding goals, objectives, measures and targets and the development of planning documents related to developing targets • Participation in Technical Advisory Group meetings for Performance Measures. • Participate in training, workshops, meetings, and related activities <p>Responsible Party: MCTC Staff (July 2022 to June 2023)</p>	45%
604.2	<p>Monitoring</p> <ul style="list-style-type: none"> • Monitor PM1 performance targets • Monitor PM2 performance targets and report processes for local agencies for 	45%

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

	<p>performance measures.</p> <ul style="list-style-type: none"> • Monitor PM3 performance targets • Monitor State and Federal guidance related to performance measures. <p>Responsible Party: MCTC Staff (July 2022 to June 2023)</p>	
604.3	<p>Target Setting</p> <ul style="list-style-type: none"> • Annually establish PM1 performance targets <p>Responsible Party: MCTC Staff (July 2022 to June 2023)</p>	10%
	Total	100%

FTE: .12

604 Performance Management and Data Development

REVENUE BY SOURCE		EXPENDITURES	
<u>Direct Costs:</u>		<u>Direct Costs:</u>	
LTF			
MCTA			
FHWA-PL			
FTA-Section 5303			
STIP – PPM			
Other			
Subtotal		Subtotal	
<u>MCTC Staff:</u>		<u>MCTC Staff:</u>	
LTF		Direct Wages/Benefits plus Indirect:	36,388
MCTA			
FHWA-PL	32,214		
FTA-Section 5303			
STIP – PPM	4,174		
Other			
Subtotal	36,388		
Total:	36,388	Total:	36,388

Work Element 605 Regional Traffic Monitoring Program

Objective

To maintain the Madera County Traffic Monitoring Program as a source of current traffic information for use by local agencies, tribal governments, and the public, and as a validation tool for the county wide traffic model and VMT monitoring requirements.

Discussion

MCTC utilizes contracts with survey professionals to conduct traffic counts, and MCTC then prepares the Traffic Monitoring Program report. Staff and the consultant developed a standardized quadrennial regional count program with the assistance from the local agencies.

MCTC also maintains the regional traffic monitoring program as a source of data to support traffic modeling activities. The Madera County Traffic Monitoring report is published annually to provide local planners and the public with up-to-date information about travel characteristics on the streets and highways system. Counts taken pursuant to this program are according to an established schedule and are not intended to supplant local agency count programs.

Highway Performance Monitoring System (HPMS)

The HPMS is a nationally recognized highway information system that collects and analyzes data on the extent, condition, performance, use and operating characteristics of the Nation's highways. Annually, local agencies, through their MPO, are requested to provide sample data on arterials and collectors for inclusion in the HPMS. MCTC coordinates the data submission to Caltrans.

Previous Work

1. Published Madera County Traffic Monitoring – 2021 Annual Report.
2. Developed a quadrennial Regional Traffic Count program to enhance the calibration of the MCTC Travel Demand Model.
3. Speed studies, accident diagrams, and traffic warrants as required.

Product

1. Madera County Traffic Monitoring – 2022 Annual Report.
2. Traffic counts.
3. HPMS data submission to Caltrans.

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

Tasks

Task	Description and Responsible Party	% of Work
605.1	Traffic Counts <ul style="list-style-type: none"> Conduct traffic counts at various locations Responsible Party: Consultant (April 2023 to May 2023)	70%
605.2	Traffic Monitoring Support <ul style="list-style-type: none"> Provide traffic monitoring support to local agencies, including tribal governments Responsible Party: MCTC Staff (July 2022 to June 2023)	15%
605.3	Data Collection <ul style="list-style-type: none"> Collect data from local agency and Caltrans traffic county programs Responsible Party: MCTC Staff (July 2022 to June 2023)	10%
605.4	HPMS Data Submission <ul style="list-style-type: none"> Coordinate the submission of HPMS data to Caltrans from local agencies as required Responsible Party: MCTC Staff (July 2022 to June 2023)	5%
	Total	100%

FTE: .04

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

605 Regional Traffic Monitoring Program

REVENUE BY SOURCE		EXPENDITURES	
<u>Direct Costs:</u>		<u>Direct Costs:</u>	
LTF		Consultant – Traffic Counts	7,500
MCTA			
FHWA-PL	6,640		
FTA-Section 5303			
STIP - PPM	860		
Other			
Subtotal	7,500	Subtotal	7,500
<u>MCTC Staff:</u>		<u>MCTC Staff:</u>	
LTF		Direct Wages/Benefits plus Indirect:	11,837
MCTA			
FHWA-PL	10,479		
FTA-Section 5303			
STIP - PPM	1,358		
Other			
Subtotal	11,837		
Total:	19,337	Total:	19,337

Public Participation Program

701 Public Participation Program

Work Element 701 Public Participation Program

Objective

To develop and maintain an ongoing program with assistance from the public to provide effective public participation in development of MCTC's plans, programs, and decision-making process, consistent with Federal transportation legislation requirements. MCTC Staff will provide public with information on activities, meetings, planning documents and reports, and to seek input from the public on MCTC's planning activities and will utilize a consultant where necessary. Special emphasis is placed on public participation from environmental justice communities.

Discussion

The Federal Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users – SAFETEA-LU placed emphasis on the need for the transportation planning process to provide an adequate opportunity for participation by interested citizens and consult with the Native American Tribal Governments (North Fork Rancheria and the Picayune Rancheria of the Chukchansi Indians). The Federal Safe, Accountable, Flexible, Efficient Transportation Equity Act: a Legacy for Users – SAFETEA-LU required an early, proactive, and continuing public involvement in the transportation planning process and allow 45 days for public comment and review. The process should provide complete information, timely public notice, full public access to key decisions, and support early and continuing public involvement in developing plans and programs.

This work element develops the structure for both a formal participation program and exploring alternative methods for providing public information about MCTC activities. Improved information access should lead to more public involvement and improved decision making. Early public participation from stakeholders and diverse interests are important and considered in identifying regional transportation problems and issues, and in the development of recommended solutions during project planning and development.

Public hearings, workshops, and meetings will be conducted as required. Due to the current coronavirus pandemic, these meetings and workshops are primarily being conducted virtually using the GoToMeeting software and other platforms. Public hearings and workshops are advertised in local newspapers, on the MCTC website, and outreach for special events utilizing social media, fliers, mailings, postings, libraries, social centers, and newsletters. Most public hearings and workshops will be advertised 30-45 days in advance. MCTC will hold public hearings, workshops, and meetings to solicit input from the public on transportation planning issues in the Madera County area, such as: Unmet Transit Needs Public Hearing; Regional Transportation Plan Workshops; Section 5310 Grant opportunities; Adoption of Federal Transportation Improvement Program; Adoption of Regional Transportation Improvement Program; Air Quality Conformity Determinations; Transportation Control Measures; Active Transportation Plan; Short-Range Transit Plan; and other regional planning issues. Input received will be incorporated into the work

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

products developed by staff for recommendation to the Policy Board for review, acceptance established by the Ralph M. Brown Act (Government Code sections 54950-54962) and the Americans with Disabilities Act.

MCTC staff developed a countywide list of low-income, minority, environmental justice, disadvantaged communities, Native American, elderly, and disabled organizations to better target traditionally underserved groups (i.e., elderly, disabled, low income and minority, African American, Hispanic, Asian American / Alaskan Native, and Pacific Islander). Additionally, for the Regional Transportation Plan (RTP) update, staff held a specific workshop within the City of Madera to address traditionally underserved communities.

MCTC staff updated the Public Participation Plan (PPP) in 2020 per Federal requirements. The Plan documents MCTC's procedure to allow for public input in the development of MCTC's plans and programs. The current PPP is on display at the MCTC office and website.

Title VI and Environmental Justice: Pursuant to 23 CFR 450.316(b)(1), the Federal Highways Administration expects Metropolitan Planning Organizations to have a proactive public involvement process that seeks out and considers the needs of those traditionally underserved groups (i.e. elderly, disabled, low income and minority, African American, Hispanic, Asian American, American Indian, / Alaskan Native, and Pacific Islander) by existing transportation systems, including but not limited to low-income and minority households (23 CFR 450.316(b)(1)(vi)). Staff evaluated the distribution of low-income and minority household benefits and burdens associated with the current transportation planning process and its outcomes. The analysis is detailed in the Environmental Justice Policy and Procedures documents, which was adopted in FY 2014.

Executive Order 12898, Federal Actions to Address Environmental Justice for Minority Populations and Low-Income Populations, mandates that Federal agencies make achieving environmental justice part of their missions. This order requires that disproportionately high and adverse human health or environmental effects on minority and low-income populations be identified and addressed to achieve environmental justice. Minority populations are defined in the order as African-American, Hispanic, Asian/Pacific Islander, American Indian and Alaskan Native. Low-income populations are defined in the order as persons whose household income (or in the case of a community or group, whose median household income) is at or below the U.S. Department of Health and Human Services poverty guidelines.

Executive Order 13175 requires agencies to consult and coordinate with local tribal governments. MCTC staff does notify and consult local tribes in Madera County and as needed in the neighboring counties of our planning activities. Tribes in Madera County are invited to participate in MCTC's technical advisory meetings.

Executive Order 13166 states that people who speak limited English should have meaningful access to federally conducted and federally funded programs and activities. It requires that all Federal agencies identify any need for services and implement a

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

system to provide those services so all persons can have meaningful access to services. MCTC takes steps to solicit input from non-English speaking residents of Madera. Public notices and flyers advertising particular public hearings are translated into Spanish, as well as subsequent documentation. When warranted or requested, a Spanish language interpreter is made available for public hearings.

MCTC updated its Public Participation Plan (PPP) in preparation for the development of the 2018 RTP consistent with Federal transportation legislation requirements as well as new state requirements related to SB 375. The PPP delineates the mission of the MPO and establishes public involvement requirements and procedures for the development of the various stakeholder groups, regulatory agencies, and input from the general public. MCTC is committed to updating the PPP periodically to ensure that a collaborative interface is fostered and maintained with the public. The PPP was last updated in January of 2020 to more concisely direct Federal public engagement practices.

MCTC participated in The Central Valley Tribal Environmental Justice Project. The Project was a collaborative effort between the eight valley Councils of Governments (COGs) to develop a report containing tribal input on transportation, cultural preservation, participation in decision-making and environmental justice as part of the region's Blueprint process. MCTC has an assigned staff person to serve as a tribal liaison.

As a recipient of Federal dollars, MCTC is required to comply with Title VI of the Civil Rights Act of 1964 and ensure that services and benefits are provided on a non-discriminatory basis. MCTC has in place a Title VI Complaint Procedure, which outlines the process for local disposition of Title VI complaints and is consistent with guidelines found in the Federal Transit Administration Circular 4702.1B dated October 1, 2012. MCTC adopted a Title VI Plan with Limited English Proficiency (LEP) Plan in July 2014, the most recent updated March 2021.

Previous Work

1. Document tribal government to government relations.
2. 2016, 2021 Policy for Government-to-Government Consultation with Federal Land Management Agencies and Federally Recognized Native American Tribal Governments
3. San Joaquin Valley Blueprint – Vision and Values and Locally Preferred Scenario workshops.
4. Participation in the Central Valley Environmental Justice Project.
5. Conducted extensive outreach efforts with environmental justice communities as part of the 2018 RTP and Unmet Transit Needs.
6. Title VI Analysis for the 2018 RTP.
7. 2015, 2018, 2021 Title VI Plan and Limited English Proficiency Plan.
8. 2020 MCTC Public Participation Plan.
9. MCTC Social Media Policy.

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

Product

1. Document tribal government to government public participation.
2. Title VI Compliance and updates, as necessary.
3. Conduct extensive outreach efforts with environmental justice communities as part of the 2022 Unmet Transit Needs.
4. Maintain and improve MCTC website and social media pages.
5. Title VI Analysis for the 2022 RTP

Tasks

Task	Description and Responsible Party	% of Work
701.1	MCTC Public Participation Plan Amendment <ul style="list-style-type: none"> • Amend as necessary the MCTC Public Participation Plan to comply with Federal and State Requirements Responsible Party: MCTC Staff (July 2022 to June 2023 as needed)	15%
701.2	Provide Spanish Language Translation Responsible Party: MCTC Staff and Consultant (July 2022 to June 2023 as needed)	15%
701.3	Tribal Government Consultation <ul style="list-style-type: none"> • MCTC Staff will Coordinate, Consult, Collaborate with tribal governments Responsible Party: MCTC Staff (July 2022 to June 2023 as needed)	15%
701.4	Continued Consultation Policy <ul style="list-style-type: none"> • Continued MCTC Policy for Government-to-Government Consultation with Federal Land Management Agencies and Federally Recognized Native American Tribal Governments Responsible Party: MCTC Staff (July 2022 to June 2023 as needed)	10%
701.5	Bicycle and Pedestrian Programs <ul style="list-style-type: none"> • Encourage bicycle and pedestrian safety education programs Responsible Party: MCTC Staff (July 2022 to June 2023 as needed)	10%
701.6	Website and Social Media <ul style="list-style-type: none"> • Maintain and improve website and social media to keep public informed about MCTC activities, public hearings, workshops, and meetings Responsible Party: MCTC Staff (July 2022 to June 2023 as needed)	15%

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

701.7	Review CalEPA's EnviroScreen 4.0 and Other Analysis Tools <ul style="list-style-type: none"> Review CalEPA's EnviroScreen Version 4.0 and other relevant analysis tools as they relate to identifying disadvantaged communities, where they are concentrated and how the transportation planning process may impact these communities Responsible Party: MCTC Staff (July 2022 to June 2023)	15%
701.8	Madera Community College Collaborations <ul style="list-style-type: none"> Collaborate with the Madera Community College Center to engage student community outreach and education activities Responsible Party: MCTC Staff (July 2022 to June 2023)	5%
Total		100%

FTE.19

701 Public Participation Program

REVENUE BY SOURCE		EXPENDITURES	
<u>Direct Costs:</u>		<u>Direct Costs:</u>	
LTF	3,097	Public Notices	5,000
MCTA		Translation Services	2,000
FHWA-PL	23,903	SJV Website	100
FTA-Section 5303		Other Outreach Costs	19,900
STIP - PPM			
Other			
Subtotal	27,000	Subtotal	27,000
<u>MCTC Staff:</u>		<u>MCTC Staff:</u>	
LTF	6,198	Direct Wages/Benefits plus Indirect:	54,040
MCTA			
FHWA-PL	47,842		
FTA-Section 5303			
STIP - PPM			
Other			
Subtotal	54,040		
Total:	81,040	Total:	81,040

Project Administration

801 Transportation Development Act

Work Element 801 Transportation Development Act

Objective

To administer the Local Transportation Fund, State Transit Assistance Fund, and other related funding programs pursuant to the California Transportation Development Act (TDA), SB 1, and other related legislation.

Discussion

MCTC, as the Regional Transportation Planning Agency and the Local Transportation Commission, is responsible for administering the Local Transportation Fund (LTF), the State Transit Assistance Fund (STA) and Senate Bill 1, the Road Repair and Accountability Act of 2017 (SB 1) funding. These funds, derived from various State taxes, are available to local agencies for transportation planning, bicycle and pedestrian facilities, public transportation services, social services transportation, and streets and roads projects. MCTC's responsibility is to ensure the funds are apportioned, allocated, and expended in accordance with current statutory and administrative code requirements. To facilitate the process, staff assists in claim preparation and monitors related legislative activity.

MCTC staff works closely with the Social Service Transportation Advisory Council (SSTAC) required by SB 498. The SSTAC will participate in the 2023-24 Unmet Transit Needs process by reviewing public testimony and submitting annual recommendations to the MCTC Policy Board regarding any unmet public transit needs in Madera County. If it is found that there are unmet transit needs which are reasonable to meet, TDA funding must be used to address those unmet needs before being released to local agencies for local streets and roads expenditures.

With the passage of Proposition 1B in November 2006, MCTC staff was tasked with the administration of the Public Transportation Modernization, Improvement, and Service Enhancement Account (PTMISEA). For the PTMISEA program MCTC is responsible for disbursement of funds to local agencies, and project tracking, including semi-annual reporting to Caltrans.

MCTC is charged with administering funds from the Low Carbon Transit Operations Program (LCTOP) to transit agencies pursuant to the Transit, Affordable Housing, and Sustainable Communities Program, which was established by the California Legislature in 2014 by Senate Bill 862 (SB 862). These programs have a goal of reducing greenhouse gas emissions and are funded by auction proceeds from the California Air Resource Board's (ARB) Cap-and-Trade Program. These funds have their own statutory requirements under SB 862 but are also required to meet the statutory requirements of the Transportation Development Act.

MCTC staff assists local agencies (including tribal governments) and attends relevant workshops in preparation of Sections 5307, 5310, 5311, and 5339 grant applications to fund purchases of new transit vehicles or provide operating funds pursuant to the

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

guidelines.

SB 1 provides a new revenue source with the implementation of the State of Good Repair (SGR) program. MCTC currently suballocates SGR funds to local agencies by population. For the SGR program, MCTC is also responsible for review and submission of project lists, disbursement of funds to local agencies, and project tracking, including annual reporting.

Previous Work

1. Records of LTF/STA apportionment, allocations, and claims.
2. LTF/STA fiscal and performance audits.
3. Social Services Transportation Advisory Council meetings.
4. Unmet Transit Needs Hearings.
5. 2020 Triennial Performance Audit.
6. Prop 1B: PTMISEA administration.
7. LCTOP administration.
8. SB 1 State of Good Repair administration.

Product

1. LTF/STA finding of apportionment, allocations, and claims.
2. LTF/STA fiscal audits.
3. Project Lists and Reporting for related funding programs.
4. Social Services Transportation Advisory Council meetings as required.
5. Unmet Transit Needs Hearing and staff report.
6. Documentation of FY 2023-24 Unmet Needs Process.
7. Prop 1B: PTMISEA suballocation, application processing, tracking, and reporting.
8. LCTOP allocation, application processing, tracking, and reporting.
9. SGR suballocation, project list processing, tracking, and reporting.

Tasks

Task	Description and Responsible Party	% of Work
801.1	Apportionment and Allocation <ul style="list-style-type: none"> • Prepare finding of apportionment for LTF/STA and make allocations Responsible Party: MCTC Staff (May 2023)	5%
801.2	Claims <ul style="list-style-type: none"> • Review and process LTF/STA claims. • Review for conformance with applicable TDA law, the RTP and SRTDP Responsible Party: MCTC Staff (July 2022 to June 2023)	20%

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

801.3	LTF/STA Financial Reports <ul style="list-style-type: none"> • Prepare LTF/STA financial reports Responsible Party: MCTC Staff (December 2022)	20%
801.4	SSTAC Meetings <ul style="list-style-type: none"> • Conduct meetings of the SSTAC Responsible Party: MCTC Staff (July 2022 to June 2023)	5%
801.5	Unmet Transit Needs Hearing <ul style="list-style-type: none"> • Conduct Unmet Transit Needs Hearing Responsible Party: MCTC Staff (April 2023)	5%
801.6	Unmet Needs Staff Report <ul style="list-style-type: none"> • Prepare Unmet Needs Staff Report Responsible Party: MCTC Staff (April to May 2023)	21%
801.7	Financial Records <ul style="list-style-type: none"> • Maintain appropriate financial activity records Responsible Party: MCTC Staff (July 2022 to June 2023)	5%
801.8	Fiscal Audits <ul style="list-style-type: none"> • Contract for appropriate fiscal audits Responsible Party: MCTC Staff (August 2022)	2%
801.9	PTMISEA Administration <ul style="list-style-type: none"> • Administer Prop 1B transit program – PTMISEA Responsible Party: MCTC Staff (July 2022 to June 2023)	5%
801.10	Development of Project Application Assistance <ul style="list-style-type: none"> • Assist local agencies in development of project applications for Section 5311, 5311 (f), Section 5310; Section 5304; Section 5307; Section 5339 Responsible Party: MCTC Staff (July 2022 to June 2023)	2%
801.11	LCTOP Administration <ul style="list-style-type: none"> • Administer LCTOP program Responsible Party: MCTC Staff (July 2022 to June 2023)	5%

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

801.12	SGR Administration <ul style="list-style-type: none"> • Administer SGR program Responsible Party: MCTC Staff (July 2022 to June 2023)	5%
	Total	100%

FTE: .45

801 Transportation Development Act

REVENUE BY SOURCE		EXPENDITURES	
Direct Costs:		Direct Costs:	
LTF	33,000	Audits	11,000
MCTA		Translation Services	2,000
FHWA-PL		Public Notices	1,000
FTA-Section 5303		Other Costs	19,000
STIP - PPM			
Other			
Subtotal		Subtotal	33,000
MCTC Staff:		MCTC Staff:	
LTF	80,015	Direct Wages/Benefits plus Indirect:	80,015
MCTA			
FHWA-PL			
FTA-Section 5303			
STIP - PPM			
Other			
Subtotal	80,015		
Total:	113,015	Total:	113,015

Other Activities

901 Lobbying

902 Other

Work Element 901 Lobbying

Objective

To allow for Board and staff representation at State and Valley wide transportation conferences and events as well as legislative tracking and reporting.

Discussion

To allow for Board and staff representation at State and Valley wide conferences and events. To provide Policy Board members a stipend and travel for attendance of Policy Board meetings.

To provide funding for annual Valley Voice advocacy trips to Sacramento and Washington, D.C.

Staff provides legislative tracking and reporting.

Previous Work

1. Valley Voice Program – Sacramento and Washington, D.C.
2. CALCOG Conference.
3. Participated in meetings and activities of the Valley Legislative Affairs Committee.

Product

1. Valley Voice Program – Sacramento and Washington, D.C.
2. CALCOG Conference and meetings.
3. Legislative tracking and reporting.

Tasks

Task	Description and Responsible Party	% of Work
901.1	Valley Voice Program <ul style="list-style-type: none"> • Annual advocacy trips to Sacramento and Washington D.C. Responsible Party: MCTC Staff (September 2022 to March 2023)	65%
901.2	Legislative tracking <ul style="list-style-type: none"> • Legislative tracking and reporting Responsible Party: MCTC Staff July 2022 to June 2023	5%

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

901.3	CALCOG Conference and meetings <ul style="list-style-type: none"> • State and Valley wide transportation conferences and events Responsible Party: MCTC Staff April 1, 2023 to April 30, 2023	10%
901.4	CALCOG Annual Fees Responsible Party: MCTC Staff June 2023	20%
Total		100%

FTE:.04

901 Lobbying

REVENUE BY SOURCE		EXPENDITURES	
<u>Direct Costs:</u>		<u>Direct Costs:</u>	
LTF		Consultant	72,000
MCTA		Other Costs	18,581
FHWA-PL			
FTA-Section 5303			
STIP - PPM			
Other – Member Fees	90,581		
Subtotal	90,581	Subtotal	90,581
<u>MCTC Staff:</u>		<u>MCTC Staff:</u>	
LTF		Direct Wages/Benefits plus Indirect:	9,419
MCTA			
FHWA-PL			
FTA-Section 5303			
STIP - PPM			
Other – Member Fees	9,419		
Subtotal	9,419		
Total:	100,000	Total:	100,000

Work Element 902 Other

Objective

To provide information to travelers about transportation services available within Madera County and to encourage the use of alternatives to single occupant commuting. Conduct the freeway service patrol in cooperation with Caltrans and the California Highway Patrol, to remove minor incidents rapidly, thereby reducing congestion, secondary accidents, and vehicle emissions.

Discussion

MCTC's alternative transportation activities are designed to provide transportation related information to the community in order to promote safety, enhance the quality of life, and protect the environment. Many services and options are available within Madera County that offers alternatives to single occupancy commuting. As our community grows at a steady pace, the selection of transportation modes becomes increasingly important to the quality of life. Among other negative impacts, increased traffic congestion results in increased emissions, loss of productivity, and unpleasant driving conditions.

These activities capture many of the Transportation Control Measure commitments made by the MCTC. Through these activities, MCTC hopes to foster a spirit of concern for the environment and gather community support for the selection of alternative modes of transportation. Staff will continue to work with a variety of regional agencies and committees to gain expertise in this area and enhance its alternative transportation activities. Special effort will be made to reach and engage all segments of the community including Native Americans, minorities, low-income groups, and community-based organizations. MCTC staff will continue to address tribal concerns through a consultation process.

MCTC staff is working with a variety of partners on the development of off-model transportation tools. These tools can be utilized in many planning areas MCTC works within including ridesharing/vanpooling, alternative fuel inventory and access, transportation incentive programs, telecommuting and other traffic demand or control measures. These transportation strategies are not traditionally able to be accounted for in MCTC's technical planning framework however the benefits from these transportation investments and strategies are important and should be conveyed as such in an array of MCTC plans including but not limited to the RTP/SCS, Regional ATP Plan and the Madera Region Short Range Transit Plan.

CalVans

MCTC is a member of the California Vanpool Authority (CalVans) JPA. The expansion of Kings County's Agricultural Industries Transportation Services (AITS) vanpool program into neighboring counties and beyond emphasized the need for a representative entity that

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

can oversee, adjust, and make improvements to the system. The CalVans JPA was created to fund, operate, and otherwise manage public transportation projects and programs aimed at providing qualified agricultural workers with safe and affordable transportation between home and work. Though aimed at providing transportation for agricultural workers, the CalVans program supplies vans for students and employees of other businesses around the valley. CalVans operates as a Public Transit Agency.

Freeway Service Patrol

The Service Patrol (FSP) are roaming tow and service trucks that patrol pre-determined beats to assist motorists in aid. The goal of FSP is to alleviate traffic congestion problems by removing disabled vehicles and cleaning minor collisions and debris from the roadway. Typically, FSP is deployed in more urban and metropolitan areas of the state Monday through Friday during peak commute hours to provide congestion relief, safety, and air quality benefits by:

- Reducing traffic jams through prompt removal of stalled cars
- Reducing the chance of further accidents and bottlenecks caused by impatient drivers and on-lookers
- Assisting local emergency services under CHP direction
- Saving fuel and cutting air pollution emissions by reducing stop-and-go traffic
- Keeping narrowed lanes clear during highway construction projects

Freeway Service Patrol Background

The first Freeway Service Patrol (FSP) program was piloted in Los Angeles and was later expanded into other regions by State legislation in 1991. FSP is a joint program provided by the California Department of Transportation (Caltrans), the California Highway Patrol (CHP) and the local partner agencies/transportation agency. The FSP program is a free service of privately owned tow trucks under contract that patrol designated routes on congested urban freeways. Typically, FSP operates Monday through Friday during peak commute hours, and all day in pre-designated freeway corridors it is becoming more commonplace for FSP to operate during the midday and on weekends/holidays in addition to the weekday peak period service.

The goal of the statewide FSP program is to maximize the effectiveness of the freeway transportation system. FSP is a congestion management tool which strategically addresses commute traffic pattern problems. Deployment of the FSP tow trucks is driven by congestion patterns in major metropolitan areas.

The goal is accomplished by the expeditious removal of disabled/stranded vehicles from the freeway. Removing obstructions on the freeways as rapidly as possible has a positive impact on traffic volumes by eliminating problems which contribute to non-recurrent congestion.

The effectiveness of the statewide FSP program is assessed by calculating the annual benefit/cost (B/C) ration of each FSP beat. First the annual savings in incident delay, fuel consumption and air pollutant emissions due to FSP service are calculated based on the

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

number of assists, beat geometrics and traffic volumes. The savings are then translated into benefits using monetary values for delay and fuel consumption.

Services provided by the FSP include:

- Changing flat tires
- Jump starting vehicles
- Refilling radiators and taping leaky hoses
- Putting a gallon of fuel in gas tanks
- Towing inoperable vehicles to a safe location of the freeway
- Clearing vehicle damaged in collisions under CHP direction
- Removing debris from traffic lanes under CHP direction
- Monitoring the left shoulder part-time travel lane for visual clearing once it is in operation

The majority of funding for the 14 statewide FSP programs is made available by the State through the State Highway Account (SHS). Approximately \$25.5 million has consistently been budgeted for FSP on an annual basis to provide funding assistance and requires a 25% local match. Annual FSP program costs include the annual capital, operating and administrative costs for providing FSP service. The State's financial contribution to individual FSP programs is allocated on a formula basis consisting of the following:

- 25% on the number of urban freeway lane miles in the participating area
- 50% on the basis of the ratio of the population of the participating area
- 25% on the basis of traffic congestion as ascertained by Caltrans.

For new FSP programs State funding formula allocation is determined by Caltrans who allocates the funding at a maximum over three years as follows so as not to disrupt State funding for existing FSP programs (local funds make-up the difference):

- 33.3% of its full allocation amount in the first full fiscal year following application approval.
- No less than 66.7% of its full allocation amount in the second fiscal year following application approval.
- No less than 100% of its full allocation amount in the third fiscal year following application approval.

Under SB 1, the Road Repair and Accountability Act of 2017, an additional \$25 million in annual funding was made available for FSP program statewide. This additional funding addresses inflationary cost increases for the program while also allowing for further expansion of the program, which should provide more congestion relief, especially in the more heavily populated and congested regions. The SB 1 FSP funding guidelines shows the annual \$25 million distributed as follows:

- Allocation for inflation and service-hour adjustments. \$12.2 million is allocated as an inflationary and service hour adjustment related to the pre-SB 1 Caltrans funding of \$25.4 million, which has been static since 2006/7.

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

- Allocation for the California Highway Patrol. \$3.75 million is allocated to reimburse the California Highway Patrol to both recognize static Caltrans reimbursements since the 2006/7 budget, and new workload associated with new or expanded FSP service.
- Allocation for New or Expanded Service. 9.05 million is available for allocation to support new or expanded service.

Intelligent Transportation Systems (ITS)

MCTC participated in the Valleywide Intelligent Transportation Systems (ITS) Implementation Committee for the San Joaquin Valley. The ITS plan for the San Joaquin Valley was completed in November 2001. The San Joaquin ITS SDP provides an analysis of needed functional areas, development of a regional ITS architecture, and a recommendation of projects for deployment. Staff continues to participate on the San Joaquin Valley.

ITS architecture maintenance team is to further develop and strengthen a regional architecture consistent with the Federal Highway Administration ITS Architecture and Standards Final Rule. An ITS Architecture Maintenance Plan was formally adopted in July 2005. Other ITS projects include the deployment of a San Joaquin Valley 511 traveler information system in participation with a working group of Valley MPOs. The existing San Joaquin Valley ITS Infrastructure Plan will be amended into the current RTP/SCS plan and added to future RTP/SCS plans until a new ITS plan is developed.

The County of Madera is responsible for the Airport Land Use Compatibility Plan (ALUCP), formerly known as the Comprehensive Land Use Plan (CLUP). The ALUCP was adopted in 2015.

Previous Work

1. Rideshare promotion activities.
2. Contacts with local agencies and Madera County employers.
3. Developed logo, newsletter, and website.
4. Assisted local agencies with the renewal/adoption of Transportation Control Measures according to the Air District's voluntary bump-up to Extreme non-attainment for Ozone.
5. Evaluated and strengthened MCTC Transportation Control Measures.
6. Participated in Phase 1 deployment of the San Joaquin Valley 511 traveler information system.
7. Freeway Service Patrol Data gathering
8. San Joaquin Valley ITS Strategic Deployment Plan.

Product

1. Maintain and update website and develop promotional materials.
2. Report, prepared with Caltrans and CHP, to determine eligibility to apply to

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

- Freeway Service Patrol program.
3. Updates to the ITS Architecture Maintenance Plan, if needed.
 4. Updated information on aviation systems planning (planning only) for inclusion in the updates of the RTP.
 5. Staff reports on aviation issues.

Tasks

Task	Description and Responsible Party	% of Work
902.1	Rideshare Program <ul style="list-style-type: none"> • Represent rideshare program as required. Responsible Party: MCTC Staff (July 2022 to June 2023)	10%
902.2	Rideshare Promotional Materials <ul style="list-style-type: none"> • Provide rideshare promotional materials as required. Responsible Party: MCTC Staff (July 2022 to June 2023)	5%
902.3	Develop Promotional Materials <ul style="list-style-type: none"> • Develop/print promotional materials. Responsible Party: MCTC Staff (July 2022 to June 2023)	5%
902.4	Maintain and update TDM activities on MCTC website Responsible Party: MCTC Staff (July 2022 to June 2023)	5%
902.5	Community Outreach <ul style="list-style-type: none"> • Conduct community outreach activities as needed. Responsible Party: MCTC Staff (July 2020 to June 2023)	10%
902.6	Participate in CalVans joint powers agency Responsible Party: MCTC Staff (As Required)	15%
902.7	Coordination of Trip Reduction Programs <ul style="list-style-type: none"> • Coordinate with tribes and major employers on employer-based trip reduction programs for existing and future employment centers. Responsible Party: MCTC Staff (July 2022 to June 2023)	10%

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

902.8	<p>Coordination with Caltrans and CHP to determine eligibility to apply to this program (Freeway Service Patrol). Responsible Party: MCTC Staff (July 2022 to December 2022)</p>	15%
902.9	<p>Review Planning issues related to aviation systems planning</p> <ul style="list-style-type: none"> • Provide feedback and/or comments on plans, studies, or policies pertinent to the regions multi-modal systems • Incorporate findings into the RTP/SCS where applicable <p>Responsible Party: MCTC Staff (July 2022 to June 2023)</p>	5%
902.10	<p>Provide staff analysis of available funding resources for aviation planning projects</p> <ul style="list-style-type: none"> • Analyze and share information for new and existing resources able to support the regions multi-modal systems <p>Responsible Party: MCTC Staff (July 2022 to June 2023)</p>	5%
902.11	<p>Participate in meetings/workshops related to ITS, aviation, and other modal elements</p> <ul style="list-style-type: none"> • Participate in meeting and workshops hosted by local, regional, state, and Federal partners related to multi-modal transportation <p>Responsible Party: MCTC Staff (July 2022 to June 2023)</p>	15%
	Total	100%

FTE:.15

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

902 Other

REVENUE BY SOURCE		EXPENDITURES	
<u>Direct Costs:</u>		<u>Direct Costs:</u>	
LTF	12,419	Board Costs and Other Expenses	12,419
MCTA			
FHWA-PL			
FTA-Section 5303			
STIP – PPM			
SJV REAP HOUSING			
Other			
Subtotal	12,419	Subtotal	12,419
<u>MCTC Staff:</u>		<u>MCTC Staff:</u>	
LTF	48,936	Direct Wages/Benefits plus Indirect:	48,936
MCTA			
FHWA-PL			
FTA-Section 5303			
STIP – PPM			
Other			
Subtotal	48,936		
Total:	61,355	Total:	61,355

Overall Work Program

1001 Overall Work Program

Work Element 1001 Overall Work Program

Objective

To develop an Overall Work Program and Budget consistent with State and Federal funding priorities and responsive to local agency needs.

Discussion

The Overall Work Program is prepared by MCTC staff and reflects State and Federal funding priorities balanced against local agency needs for transportation planning services. It is used to document annual grant funding to the MCTC and includes a discussion of the organization, significant transportation issues, proposed work activities, and the annual program budget and MCTC line-item budget.

Previous Work

MCTC Overall Work Program and Budget.

Product

1. 2023-24 MCTC Overall Work Program and Budget.
2. Quarterly Reports.

Tasks

Task	Description and Responsible Party	% of Work
1001.1	OWP Development <ul style="list-style-type: none"> • Initiate OWP development process • Review IPG and State OWP Guidelines Responsible Party: MCTC Staff (November 2022 to February 2023)	35%
1001.2	Project Identification <ul style="list-style-type: none"> • Identify local project needs through public input Responsible Party: MCTC Staff (October 2022 to February 2023)	15%
1001.3	Circulation <ul style="list-style-type: none"> • Develop and circulate Draft OWP and Budget for public and agency review Responsible Party: MCTC Staff (February 2023 to March 2023)	15%

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

1001.4	Adoption <ul style="list-style-type: none"> • Complete OWP • Adopt OWP with compliance certifications and process agreement Responsible Party: MCTC Staff (April 2023)	5%
1001.5	Reporting <ul style="list-style-type: none"> • Complete Quarterly Reports Responsible Party: MCTC Staff (Quarterly July 2022 to June 2023)	30%
Total		100%

FTE: .18

1001 Overall Work Program

REVENUE BY SOURCE		EXPENDITURES	
<u>Direct Costs:</u>		<u>Direct Costs:</u>	
LTF			
MCTA			
FHWA-PL			
FTA-Section 5303			
STIP - PPM			
Other			
Subtotal		Subtotal	
<u>MCTC Staff:</u>		<u>MCTC Staff:</u>	
LTF	26,254	Direct Wages/Benefits plus Indirect:	26,254
MCTA			
FHWA-PL			
FTA-Section 5303			
STIP - PPM			
Other			
Subtotal			
Total:	26,254	Total:	26,254

Measure “T” Administration

1101 MCTA Administration

Work Element 1101 MCTA Administration

Objective

To provide effective administrative and fiscal support to the Madera County Transportation Authority pursuant to the enabling legislation and adopted authority procedures.

Discussion

The Madera County Transportation Authority was formed in 2007 (approved by Madera County voters in November 2006) and is responsible for administering the proceeds of the 1/2 percent sales tax enacted in Measure "T". The Authority contracts with MCTC for provision of the Measure "T" Investment Plan and Annual Work Program, agency administrative functions, and funds administration. The Executive Director also serves as the Authority's Executive Director and performs all staff administrative functions required to support the activities of the Authority.

The Authority produces an annual report of Measure T activities, which is widely distributed to the public and other interested stakeholders by mail and posted on the MCTA website.

The Authority also provides staffing for the Measure T Citizens' Oversight Committee, an appointed body of community representatives that provide independent review and oversight of Authority compliance audits. The Committee issues an Annual Report to the Public summarizing Authority audit findings and recommendations presented to the Authority board.

Previous Work

1. Meetings of the Madera County Transportation Authority and Technical Advisory Committee.
2. Annual Fiscal Audits.
3. 2021 Strategic Plan
4. MCTA Policies and Procedures.
5. Organization and administration of Citizens' Oversight Committee.
6. Planning, Programming, and Monitoring of Measure "T" projects and develop financial analysis and cash flow analysis.

Product

1. Annual Fiscal Audits (approx. \$11,000).
2. Review and process project claims.
3. Prepare financial reports.
4. MCTA Operating Budget.

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

5. Annual Work Program.
6. Administration of Citizens' Oversight Committee.
7. Planning, Programming and Monitoring of Measure "T" projects.
8. Financial assistance and cash flow analysis.
9. Publication of Measure T Annual Report.

Tasks

Task	Description and Responsible Party	% of Work
1101.1	Conduct MCTA and TAC meetings Responsible Party: MCTC Staff (July 2022 to June 2023)	5%
1101.2	Prepare MCTA Budget Responsible Party: MCTC Staff (May 2023)	5%
1101.3	Maintain MCTA financial records Responsible Party: MCTC Staff (July 2022 to June 2023)	20%
1101.4	Review and process project claims Responsible Party: MCTC Staff (July 2022 to June 2023)	10%
1101.5	Prepare Annual Work Program Responsible Party: MCTC Staff (September 2022, June 2023)	25%
1101.6	Administration of Citizens' Oversight Committee Responsible Party: MCTC Staff (July 2022 to June 2023)	10%
1101.7	Conduct Fiscal Audit Responsible Party: MCTC Staff (October to December 2022)	10%
1101.8	Planning, programming, and monitoring of Measure "T" projects Responsible Party: MCTC Staff (July 2022 to June 2023)	10%
1101.9	Attend conferences including Focus on the Future (November 2022)	5%
	Total	100%

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

FTE: .28

1101 MCTA Administration

REVENUE BY SOURCE		EXPENDITURES	
<u>Direct Costs:</u>		<u>Direct Costs:</u>	
LTF		Financial Assistance, Audits, Annual Report	25,000
MCTA	116,500	Conf/Travel/Other Costs	16,500
FHWA-PL		Consultant	75,000
FTA-Section 5303			
STIP - PPM			
Other			
Subtotal	116,500	Subtotal	116,500
<u>MCTC Staff:</u>		<u>MCTC Staff:</u>	
LTF		Direct Wages/Benefits plus Indirect:	56,064
MCTA	56,064		
FHWA-PL			
FTA-Section 5303			
STIP - PPM			
Other			
Subtotal	56,064		
Total:	172,564	Total:	172,564

Acronyms

AB	Assembly Bill
ADA	Americans with Disabilities Act
AWP	Annual Work Program
CAG	County Association of Governments
CALTRANS	California Department of Transportation
CAPTI	Climate Action Plan for Transportation Infrastructure
CATX	Chowchilla Area Transit Express
CIP	Capital Improvement Plan
CMAQ	Congestion Mitigation Air Quality
COG	Council of Governments
CTC	California Transportation Commission
DBE	Disadvantaged Business Enterprise
EIR	Environmental Impact Report
EPA	Environmental Protection Agency
FAST ACT	Fixing America's Surface Transportation Act
FHWA	Federal Highway Administration
FSP	Freeway Service Patrol
FTA	Federal Transit Administration
FTE	Full Time Equivalent
FTIP/TIP	Federal Transportation Improvement Program
GHG	Greenhouse Gas
GIS	Geographic Information System
HPMS	Highway Performance Monitoring System
HSIP	Highway Safety Improvement Program
IIJA	Infrastructure Investment and Jobs Act
IIP	Interregional Improvement Plan
IPG	Intermodal Planning Group
LTF	Local Transportation Fund
MAP 21	Moving Ahead for Progress in the 21st Century
MCC	Madera County Connection
MCTA	Madera County Transportation Authority
MCTC	Madera County Transportation Commission
MOU	Memorandum of Understanding
MPO	Metropolitan Planning Organization

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

OWP	Overall Work Program
PAC	Policy Advisory Committee
PM-2.5	Particulate Matter (2.5 micros or less)
PM-10	Particulate Matter (10 microns or less)
RTIP	Regional Transportation Improvement Program
RTP	Regional Transportation Plan
RTPA	Regional Transportation Planning Agency
SAFETEA-LU	Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users
SB	Senate Bill
SIP	State Implementation Plan
SJVAPCD	San Joaquin Valley Air Pollution Control District
SHOPP	State Highway Operation and Protection Program
SRTIP	Short Range Transit Plan
SSTAC	Social Service Transportation Advisory Council
STA	State Transit Assistance
STIP	State Transportation Improvement Program
TAB	Transit Advisory Board
TAC	Technical Advisory Committee
TAZ	Traffic Analysis Zones
TCM	Traffic Control Measures
TDA	Transportation Development Act
TDP	Transit Development Plan
VMT	Vehicle Miles Traveled
YARTS	Yosemite Area Regional Transportation System
YATI	Yosemite Area Transportation Information

Madera County Transportation Commission
Overall Work Program Fiscal Year 2022-23

New Work Elements	Prior Year Work Elements
101 Regional Transportation Plan / Sustainable Communities and Environmental Report	100 Regional Transportation Plan and Environmental Impact Report
102 Regional Housing Planning Program	102 Regional Housing Planning Program
103 Zero-Emission Vehicle Readiness and Implementation Plan	908 Zero-Emission Vehicle Readiness and Implementation Plan
104 Oakhurst Multi-modal Mobility Study	New Work Element
201 Transit	130 Public Transportation
202 Rail	140 Other Modal Elements
301 Active Transportation Planning	140 Other Modal Elements
401 Highways, Corridors, and Routes of Regional Significance	120 Goods Movement and Highways Planning
501 Transportation Program Development	200 Transportation Development Program
502 Project Coordination and Financial Programming	122 Project Coordination and Financial Planning
601 Travel Demand Model Management	110 Regional Planning Database 112 Regional Transportation Modeling
602 Air Quality Modeling	113 Air Quality Transportation Planning
603 GIS and Mapping Resources	110 Regional Planning Database
604 Performance Management and Data Development	101 Performance Measures
605 Regional Traffic Monitoring Program	111 Traffic Monitoring Program
701 Public Participation Program	150 Public Participation Program
801 Transportation Development Act	901 Transportation Funds Administration
901 Lobbying	907 Board Costs and Other Expenses
902 Other	151 Alternative Transportation Activities 140 Other Modal Elements
1001 Overall Work Program	902 Overall Work Program
1101 MCTA Administration	910 MCTA Administration

Appendices

Appendix A	Revenue/Expenditure Spreadsheet
Appendix B	Line-Item Budget
Appendix C	SB 1 Sustainable Communities Formula Project List
Appendix D	Certifications and Assurances
Appendix E	Certification of Restrictions on Lobbying
Appendix F	Planning Funds – Eligible Uses
Appendix G	Resolution
Appendix H	Other Planning Activities
Appendix I	MPO Planning Boundary
Appendix J	Public Participation Outreach Chart

Appendix A Revenue Expenditure Spreadsheet

FY 2022-23 Overall Work Program

	MCTC			Funds Available by Revenue Source											Total		
	MCTC	Other	Total	MCTC LTF	Member Assessment	MCTA	STIP PPM	SJV REAP Housing	SB-1 Sustainable Communities	FHWA PL	FHWA PL Carryover 20-21	FHWA PL Carryover 21-22	FTA 5303	FTA 5303 Carryover 20-21		FTA 5303 Carryover 21-22	
Carryover Prior Years				73,990		14,371	0	228,642	69,514			76,349	78,332				554,719
Current Year Allocation				301,098	100,000	158,193	78,000		164,209	785,125				55,448	3,731	9,790	1,642,073
Carryover to Future Year				(19,979)													(19,979)
Total Available Funds	1,336,029	840,784	2,176,813	355,109	100,000	172,564	78,000	228,642	233,723	785,125	76,349	78,332	55,448	3,731	9,790	2,176,813	

4/14/2022 15:13	Expenditures by Agency			Expenditures by Revenue Source													Total	
	MCTC	Other	Total	MCTC LTF	Federal Carryover Match -LTF	Member Assessment	MCTA	STIP PPM	Federal Carryover Match - PPM	SJV REAP Housing	SB-1 Sustainable Communities	FHWA PL	FHWA PL Carryover 20-21	FHWA PL Carryover 21-22	FTA 5303	FTA 5303 Carryover 20-21		FTA 5303 Carryover 21-22
101 Regional Transportation Plan	179,628	40,000	219,628	13,126	12,066			0				101,303	14,801	78,332				219,628
102 Regional Housing Planning Program	28,642	200,000	228,642	0	0			0		228,642		0						228,642
103 ZEV Readiness & Implementation Plan FY 21-22	3,520	75,000	78,520	9,006				0			69,514	0						78,520
104 Oakhurst Multimodal Corridor Study FY 22-23	9,200	176,284	185,484	21,275				0			164,209	0						185,484
201 Transit Planning	77,905		77,905	7,184	1,752			0				0			55,448	3,731	9,790	77,905
202 Rail Planning	37,220		37,220	37,220				0				0						37,220
301 Active Transportation Planning	159,371		159,371	0				18,280				141,091						159,371
401 Routes, Corridors, and Routes of Regional Significance	69,522		69,522	0	7,974			0				0	61,548					69,522
501 Transportation Development Program	174,415		174,415	20,005				0				154,410						174,415
502 Project Coordination & Financial Programming	34,286		34,286	0				34,286				0						34,286
601 Travel Demand Model Management	81,354	54,500	135,854	15,582				0				120,272						135,854
602 Air Quality Modeling	95,958	8,000	103,958	0				11,924	0			92,034						103,958
603 GIS and Mapping Resources	62,055		62,055	0	0			7,118				54,937						62,055
604 Performance Management and Data Development	36,388		36,388	0	0			4,174				32,214						36,388
605 Regional Traffic Monitoring Program	11,837	7,500	19,337	0				2,218	0			17,119						19,337
701 Public Participation Program	54,040	27,000	81,040	9,295	0			0				71,745						81,040
801 Transportation Funds Administration	80,015	33,000	113,015	113,015				0				0						113,015
901 Lobbying	9,419	90,581	100,000	0		100,000		0				0						100,000
902 Other Activities	48,936	12,419	61,355	61,355				0				0						61,355
1001 Overall Work Program	26,254		26,254	26,254				0				0						26,254
1101 MCTA Administration	56,064	116,500	172,564	0			172,564	0				0						172,564
Total Expenditures	1,336,029	840,784	2,176,813	333,317	21,792	100,000	172,564	78,000	0	228,642	233,723	785,125	76,349	78,332	55,448	3,731	9,790	2,176,813
				355,109				78,000				939,806			68,969			

Appendix B Line-Item Budget

Appendix B: Line-Item Budget

Madera County Transportation Commission
Line-item Budget Worksheet
 14-Apr-22

Revenues	21-22 Final	22-23 Budget	Difference	% Diff
FHWA PL	\$772,932	\$785,125	\$12,193	2%
FHWA PL Carryover	\$334,008	\$154,681	(\$179,327)	-54%
FTA 5303	\$59,506	\$55,448	(\$4,058)	-7%
FTA 5303 Carryover	\$32,745	\$13,521	(\$19,224)	-59%
HR 133 PPM	\$43,774	\$0	(\$43,774)	-100%
STIP Carryover	\$0	\$0	\$0	0%
STIP Planning	\$78,000	\$78,000	\$0	0%
SB-1 Sustainable Communities 22-23	\$0	\$164,209	\$164,209	0%
SB-1 Sustainable Communities 21-22	\$165,032	\$69,514	(\$95,518)	-58%
SB-1 Sustainable Communities 20-21	\$76,221	\$0	(\$76,221)	-100%
REAP Housing	\$295,441	\$228,642	(\$66,799)	-23%
TDA Carryover	\$50,780	\$54,011	\$3,231	6%
TDA Administration	\$110,000	\$120,000	\$10,000	9%
TDA Planning	\$176,252	\$181,098	\$4,846	3%
Member Assessment Fees	\$92,000	\$100,000	\$8,000	9%
MCTA Carryover	\$4,167	\$14,371	\$10,204	245%
MCTA	\$580,768	\$158,193	(\$422,575)	-73%
Other	\$0	\$0	\$0	0%
Total Revenues	\$2,871,626	\$2,176,813	(\$694,813)	-24%
Non-cash information				
Toll Credits (PL)	\$0	\$0	\$0	0%
Toll Credits (5303)	\$0	\$0	\$0	0%
Expenses				
	21-22 Final	22-23 Budget	Difference	% Diff
Salaries & Benefits				
Salaries	\$705,565	\$777,578	\$72,013	10%
ICMA 401(a)	\$104,484	\$115,285	\$10,801	10%
FICA, Employer	\$42,200	\$45,958	\$3,758	9%
Medicare	\$10,231	\$11,274	\$1,043	10%
Worker's Compensation	\$4,797	\$5,286	\$489	10%
Health	\$141,855	\$146,528	\$4,673	3%
Unemployment Insurance	\$1,120	\$1,120	\$0	0%
Subtotal Salaries & Benefits	\$1,010,252	\$1,103,029	\$92,777	9%
	<i>Direct</i>			
	\$531,090	\$573,871	\$42,781	8%
	<i>Indirect</i>			
	\$479,162	\$529,158	\$49,996	10%
Indirect Costs				
Advertising/Publications	\$2,000	\$2,000	\$0	0%
Auto & Cell Allowance	\$4,200	\$4,200	\$0	0%
Computer Software	\$7,000	\$7,000	\$0	0%
Conference/Training/Education	\$8,000	\$8,000	\$0	0%
Equipment Leases	\$10,000	\$9,000	(\$1,000)	-10%
Bldg/Equip. Maint. & Repairs	\$4,000	\$4,000	\$0	0%
Insurance	\$1,000	\$1,000	\$0	0%
Janitorial Services	\$2,000	\$2,000	\$0	0%
Legal Services	\$20,000	\$20,000	\$0	0%
MCTC Audit	\$22,000	\$23,000	\$1,000	5%
Membership Fees	\$2,000	\$2,000	\$0	0%
Miscellaneous	\$6,000	\$6,000	\$0	0%
Office Furniture	\$2,000	\$2,000	\$0	0%
Office Supplies	\$6,000	\$6,000	\$0	0%
Postage	\$1,000	\$1,000	\$0	0%
Rent	\$71,000	\$71,000	\$0	0%
Technology Related Equipment & Repairs	\$31,000	\$31,000	\$0	0%
Telephone/Internet/Website	\$14,000	\$14,000	\$0	0%
Travel Expenses	\$4,000	\$4,000	\$0	0%
Utilities	\$9,000	\$9,000	\$0	0%
Valley Coordination	\$6,800	\$6,800	\$0	0%
Subtotal Indirect Costs	\$233,000	\$233,000	\$0	0%
Other Direct Costs				
Air Quality (Consultant)	\$8,000	\$8,000	\$0	0%
Board Costs and Other Costs	\$31,000	\$31,000	\$0	0%
Consultant (SR 41 Corridor Study)	\$21,228	\$0	(\$21,228)	-100%
Consultant (SB-1 Planning Grant)	\$258,110	\$251,284	(\$6,826)	-3%
Consultant (Household Travel Survey)	\$27,081	\$0	(\$27,081)	-100%
Consultant (Public Outreach Coordination)	\$100,000	\$0	(\$100,000)	-100%
Consultant (Regional Housing Program)	\$242,709	\$200,000	(\$42,709)	-18%
Consultant (Socioeconomic Study)	\$0	\$0	\$0	0%
Consultant (Measure Renewal)	\$450,000	\$75,000	(\$375,000)	-83%
Consultant (Lobbying&Intergovernmental)	\$72,000	\$72,000	\$0	0%
MCTA Conference(s)/Travel	\$2,500	\$2,500	\$0	0%
MCTA Fin Asst/Audits/Annual Report	\$25,000	\$25,000	\$0	0%
MCTA Project Development	\$50,000	\$10,000	(\$40,000)	-80%
MCTC TDA Audits	\$10,000	\$11,000	\$1,000	10%
MCTC TDA Other Admin Costs	\$15,000	\$15,000	\$0	0%
Model Update	\$0	\$0	\$0	0%
Other MCTA Costs	\$4,000	\$4,000	\$0	0%
Planning Grant Match	\$10,000	\$0	(\$10,000)	-100%
Public Participation Program	\$30,000	\$30,000	\$0	0%
RTP EIR	\$83,746	\$20,000	(\$63,746)	-76%
RTP/SCS Development	\$122,000	\$20,000	(\$102,000)	-84%
Technical/Modeling On-Call Services	\$50,000	\$50,000	\$0	0%
Traffic Model & GIS Support	\$4,500	\$4,500	\$0	0%
Traffic Monitoring Program	\$7,500	\$7,500	\$0	0%
Translation Services	\$4,000	\$4,000	\$0	0%
Triennial Performance Audits	\$0	\$0	\$0	0%
Subtotal Other Direct Costs	\$1,628,374	\$840,784	(\$787,590)	-48%
Total Expenses	\$2,871,626	\$2,176,813	(\$694,813)	-24%
			\$0	

Appendix C SB 1 Sustainable Communities Formula Project List

**California Department of Transportation
 SB 1 Sustainable Communities Formula Grants
 Metropolitan Planning Organization Project List**

MPO	Project Title	Project Description	Final Work Products/Deliverables	Grant Amount	Local Match Amount	Work Element Number	Fiscal Year of Funds
Madera County Transportation Commission	Zero-Emission Vehicle Readiness and Implementation Plan	Develop a Zero-Emission Vehicle (ZEV) readiness and implementation strategy for the region	Future Needs Report, Implementation Report, ZEV Readiness and Implementation Plan	69,514	9,006	103 (formerly 908)	2021-22
Madera County Transportation Commission	Oakhurst Multimodal Mobility Study	Prepare a Multi-modal and Mobility Study in the Oakhurst Community along State Route 41 and State Route 49	Existing Conditions Report, Outreach Report, Strategies, Final Study	164,209	21,275	104	2022-23

Appendix D Certifications and Assurances

FEDERAL FISCAL YEAR 2022 CERTIFICATIONS AND ASSURANCES FOR FTA ASSISTANCE PROGRAMS

(Signature pages alternate to providing Certifications and Assurances in TrAMS.)

Name of Applicant: Madera County Transportation Commission

The Applicant certifies to the applicable provisions of all categories: (*check here*) _____.

Or,

The Applicant certifies to the applicable provisions of the categories it has selected:

Category	Certification
01 Certifications and Assurances Required of Every Applicant	X _____
02 Public Transportation Agency Safety Plans	_____
03 Tax Liability and Felony Convictions	_____
04 Lobbying	X _____
05 Private Sector Protections	_____
06 Transit Asset Management Plan	_____
07 Rolling Stock Buy America Reviews and Bus Testing	_____
08 Urbanized Area Formula Grants Program	_____
09 Formula Grants for Rural Areas	_____
10 Fixed Guideway Capital Investment Grants and the Expedited Project Delivery for Capital Investment Grants Pilot Program	_____
11 Grants for Buses and Bus Facilities and Low or No Emission Vehicle Deployment Grant Programs	_____

Certifications and Assurances

Fiscal Year 2022

12 Enhanced Mobility of Seniors and Individuals with Disabilities Programs

13 State of Good Repair Grants

14 Infrastructure Finance Programs

15 Alcohol and Controlled Substances Testing

16 Rail Safety Training and Oversight

17 Demand Responsive Service

18 Interest and Financing Costs

19 Cybersecurity Certification for Rail Rolling Stock and Operations

20 Tribal Transit Programs

21 Emergency Relief Program

CERTIFICATIONS AND ASSURANCES SIGNATURE PAGE

AFFIRMATION OF APPLICANT

Madera County Transportation Commission

Name of the Applicant: _____

BY SIGNING BELOW, on behalf of the Applicant, I declare that it has duly authorized me to make these Certifications and Assurances and bind its compliance. Thus, it agrees to comply with all federal laws, regulations, and requirements, follow applicable federal guidance, and comply with the Certifications and Assurances as indicated on the foregoing page applicable to each application its Authorized Representative makes to the Federal Transit Administration (FTA) in the federal fiscal year, irrespective of whether the individual that acted on his or her Applicant's behalf continues to represent it.

The Certifications and Assurances the Applicant selects apply to each Award for which it now seeks, or may later seek federal assistance to be awarded by FTA during the federal fiscal year.

The Applicant affirms the truthfulness and accuracy of the Certifications and Assurances it has selected in the statements submitted with this document and any other submission made to FTA, and acknowledges that the Program Fraud Civil Remedies Act of 1986, 31 U.S.C. § 3801 *et seq.*, and implementing U.S. DOT regulations, "Program Fraud Civil Remedies," 49 CFR part 31, apply to any certification, assurance or submission made to FTA. The criminal provisions of 18 U.S.C. § 1001 apply to any certification, assurance, or submission made in connection with a federal public transportation program authorized by 49 U.S.C. chapter 53 or any other statute

In signing this document, I declare under penalties of perjury that the foregoing Certifications and Assurances, and any other statements made by me on behalf of the Applicant are true and accurate.

Signature  Date: Apr 29, 2022

Name Patricia Taylor Authorized Representative of Applicant

AFFIRMATION OF APPLICANT'S ATTORNEY

For (Name of Applicant): Madera County Transportation Commission

As the undersigned Attorney for the above-named Applicant, I hereby affirm to the Applicant that it has authority under state, local, or tribal government law, as applicable, to make and comply with the Certifications and Assurances as indicated on the foregoing pages. I further affirm that, in my opinion, the Certifications and Assurances have been legally made and constitute legal and binding obligations on it.

I further affirm that, to the best of my knowledge, there is no legislation or litigation pending or imminent that might adversely affect the validity of these Certifications and Assurances, or of the performance of its FTA assisted Award.

Signature 
Shannon Chaffin, Esq. (4/19/22, 2022-05-04 P01) Date: Apr 29, 2022

Name Shannon Chaffin Attorney for Applicant

Each Applicant for federal assistance to be awarded by FTA must provide an Affirmation of Applicant's Attorney pertaining to the Applicant's legal capacity. The Applicant may enter its electronic signature in lieu of the Attorney's signature within TrAMS, provided the Applicant has on file and uploaded to TrAMS this hard-copy Affirmation, signed by the attorney and dated this federal fiscal year.

**FY 2022/2023 FHWA Metropolitan Transportation Planning
Process Self-Certification**

In accordance with 23 CFR part 450, the California Department of Transportation and Madera County Transportation Commission, the designated Metropolitan Planning Organization for the Madera County urbanized area(s), hereby certify that the transportation planning process is being carried out in accordance with all applicable requirements including:

- 1) 23 U.S.C. 134, 49 U.S.C. 5303, and subpart C of 23 CFR part 450;
- 2) In nonattainment and maintenance areas, sections 174 and 176(c) and (d) of the Clean Air Act, as amended (42 U.S.C. 7504, 7506(c) and (d)) and 40 CFR part 93;
- 3) Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1) and 49 CFR part 21;
- 4) 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;
- 5) Section 1101(b) of the FAST Act (Pub. L. 114-94) and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects;
- 6) 23 CFR part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;
- 7) The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) and 49 CFR parts 27, 37, and 38;
- 8) The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
- 9) Section 324 of title 23 U.S.C. regarding the prohibition of discrimination based on gender; and
- 10) Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.



MPO Authorizing Signature

Patricia Taylor, Executive Director

Title

4/25/22

Date



Caltrans District Approval Signature

Michael Navarro

Title

Apr 25, 2022

Date

**Fiscal Year 2022/2023 California Department of Transportation
Debarment and Suspension Certification**

As required by U.S. DOT regulations on governmentwide Debarment and Suspension

(Nonprocurement), 49 CFR 29.100:

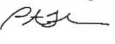
- 1) The Applicant certifies, to the best of its knowledge and belief, that it and its contractors, subcontractors and subrecipients:
 - a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
 - b) Have not, within the three (3) year period preceding this certification, been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, state, or local) transaction or contract under a public transaction, violation of Federal or state antitrust statutes, or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, state, or local) with commission of any of the offenses listed in subparagraph (1)(b) of this certification; and
 - d) Have not, within the three (3) year period preceding this certification, had one or more public transactions (Federal, state, and local) terminated for cause or default.
- 2) The Applicant also certifies that, if Applicant later becomes aware of any information contradicting the statements of paragraph (1) above, it will promptly provide that information to the State.
- 3) If the Applicant is unable to certify to all statements in paragraphs (1) and (2) of this certification, through those means available to Applicant, including the General Services Administration's *Excluded Parties List System (EPLS)*, Applicant shall indicate so in its applications, or in the transmittal letter or message accompanying its annual certifications and assurances, and will provide a written explanation to the State.

January 2022

**CALIFORNIA DEPARTMENT OF TRANSPORTATION
DEBARMENT AND SUSPENSION CERTIFICATION
FISCAL YEAR 2022/2023**

SIGNATURE PAGE


In signing this document, I declare under penalties of perjury that the foregoing certifications and assurances, and any other statements made by me on behalf of the Applicant are true and correct.

Signature  Date Apr 29, 2022
Printed Name Patricia Taylor

As the undersigned Attorney for the above named Applicant, I hereby affirm to the Applicant that it has the authority under state and local law to make and comply with the certifications and assurances as indicated on the foregoing pages. I further affirm that, in my opinion, these certifications and assurances have been legally made and constitute legal and binding obligations of the Applicant.

I further affirm to the Applicant that, to the best of my knowledge, there is no legislation or litigation pending or imminent that might adversely affect the validity of these certifications and assurances or of the performance of the described project.

AFFIRMATION OF APPLICANT'S ATTORNEY

For The Madera County Transportation Commission (Name of Applicant)
Signature 
SHANNON CHAFFIN, Esq. (Not. 12, 2022 (P. 13) FD) Date Apr 29, 2022
Printed Name of Applicant's Attorney Shannon Chaffin

Appendix E Certification of Restrictions on Lobbying

DISCLOSURE OF LOBBYING ACTIVITIES

Complete this form to disclose lobbying activities pursuant to 31 U.S.C. 1352

Approved by OMB

0348-0046

(See reverse for public burden disclosure.)

1. Type of Federal Action: <input type="checkbox"/> a. contract <input checked="" type="checkbox"/> b. grant c. cooperative agreement d. loan e. loan guarantee f. loan insurance	2. Status of Federal Action: <input type="checkbox"/> a. bid/offer/application <input checked="" type="checkbox"/> b. initial award c. post-award	3. Report Type: <input type="checkbox"/> a. initial filing <input checked="" type="checkbox"/> b. material change For Material Change Only: year _____ quarter _____ date of last report _____
4. Name and Address of Reporting Entity: <input type="checkbox"/> Prime <input checked="" type="checkbox"/> Subawardee Tier _____, <i>if known:</i> Congressional District, if known: 4c	5. If Reporting Entity in No. 4 is a Subawardee, Enter Name and Address of Prime: California Department of Transportation 1120 N Street Sacramento, CA 95814 Congressional District, if known:	
6. Federal Department/Agency: Federal Transit Administration	7. Federal Program Name/Description: Consolidated Planning Grant CFDA Number, <i>if applicable:</i> 20.505	
8. Federal Action Number, if known:	9. Award Amount, if known: \$ CA CPG Allocation	
10. a. Name and Address of Lobbying Registrant <i>(if individual, last name, first name, MI):</i> Simon and Company 1660 L Street, Suite 501 Washington, DC 20036	b. Individuals Performing Services <i>(including address if different from No. 10a)</i> <i>(last name, first name, MI):</i> Jen Covino	
11. Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.	Signature: _____ Print Name: Patricia Taylor _____ Title: Executive Director _____ Telephone No.: (559) 675-0721 _____ Date: 4/25/22 _____	
Federal Use Only:		Authorized for Local Reproduction Standard Form LLL (Rev. 7-97)

DISCLOSURE OF LOBBYING ACTIVITIES

Complete this form to disclose lobbying activities pursuant to 31 U.S.C. 1352

Approved by OMB

0348-0046

(See reverse for public burden disclosure.)

1. Type of Federal Action: <input type="checkbox"/> a. contract <input checked="" type="checkbox"/> b. grant c. cooperative agreement d. loan e. loan guarantee f. loan insurance	2. Status of Federal Action: <input type="checkbox"/> a. bid/offer/application <input checked="" type="checkbox"/> b. initial award c. post-award	3. Report Type: <input type="checkbox"/> a. initial filing <input checked="" type="checkbox"/> b. material change For Material Change Only: year _____ quarter _____ date of last report _____
4. Name and Address of Reporting Entity: <input type="checkbox"/> Prime <input checked="" type="checkbox"/> Subawardee Tier _____, <i>if known</i> : Congressional District, if known: 4c	5. If Reporting Entity in No. 4 is a Subawardee, Enter Name and Address of Prime: California Department of Transportation 1120 N Street Sacramento, CA 95814 Congressional District, if known:	
6. Federal Department/Agency: Federal Transit Administration	7. Federal Program Name/Description: Consolidated Planning Grant CFDA Number, <i>if applicable</i> : 20.505	
8. Federal Action Number, if known:	9. Award Amount, if known: \$ CA CPG Allocation	
10. a. Name and Address of Lobbying Registrant <i>(if individual, last name, first name, MI):</i> Khouri Consulting 1215 K Street Sacramento, CA 95814	b. Individuals Performing Services <i>(including address if different from No. 10a)</i> <i>(last name, first name, MI):</i> Gus Khouri	
11. Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.	Signature: _____ Print Name: Patricia Taylor Title: Executive Director Telephone No.: (559) 675-0721 Date: 4/25/22	
Federal Use Only:		Authorized for Local Reproduction Standard Form LLL (Rev. 7-97)

Appendix F Planning Funds – Eligible Uses

Sample Eligible and Ineligible Regional Transportation Planning Activities

As the name indicates, transportation planning funds (FHWA PL and FTA Section 5303) are to be used for activities associated with the Metropolitan planning process (23 CFR 450). Similarly, State RPA is allocated to the 26 rural RTPAs for filling the regional transportation planning requirements of Government Code Section 65080. A wide variety of regional transportation planning activities are eligible for transportation planning funds. The information in this Appendix is illustrative, not inclusive.

Eligible Activities include, but are not limited:

Regional Coordination & Consultation

- Participate in Federal and State Clean Air Act transportation related air quality planning activities.
- Involve federal and state permit and approval agencies early and continuously in the regional transportation planning process to identify and examine issues to develop necessary consensus and agreement; collaborate with Army Corps of Engineers, National Fish and Wildlife Service, Environmental Protection Agency and other federal agencies responsible for permits and National Environmental Protection Act (NEPA) approvals and with state resources agencies for compliance with California Environmental Quality Act (CEQA).
- Establish and maintain formal consultation with Native American Tribal Governments enabling their participation in local and state transportation planning and programming activities.
- Create, strengthen, and use partnerships to facilitate and conduct regional transportation planning activities among California Department of Transportation (Department), MPOs, RTPAs, Native American Tribal Governments, transit districts, cities, counties, the private sector and other stakeholders.
- Coordinate with partners to identify policies, strategies, programs and actions that enhance the movement of people, goods, services and information on the regional, interregional, state highway system.
- Coordinate with partners to implement the MAP-21/FAST Act performance-based approach in the scope of the transportation process.
- Develop joint work programs with transportation and air quality agencies, including transit operators, to enhance coordination efforts, partnerships, and consultation processes; eliminate or reduce redundancies, inefficient or ineffective resource use and overlapping review and approvals.
- Holding conferences and other technical meetings provided that the cost: (1) must be incurred for an activity that is eligible for the category of funds being used (e.g., PL funds can only be used for eligible metropolitan planning related activities); and (2) must be allowable under the Office of Management and Budget's (2 CFR 200) cost principles for the agency that incurs the cost. Additionally, the basic guideline for allowability of a cost is that the cost be necessary and reasonable "for proper and efficient performance and administration of the Federal awards" (i.e., Federal grant, project, etc.). The cost

unmet transit needs assessment are eligible if they support the regional transportation planning process and RTP).

- Non-planning related transit administration should be funded with 5310, 5311, etc. including application development and assistance (review of 5310 applications and programming of funds as it relates to the TIP process are eligible planning activities).
- RHNA Process (portions may be eligible such as activities listed in Section I.3 Integrated Planning, but not RHNA process standalone task).
- Project development documents such as Project Initiation Documents and Project Study Reports.
- Review of project level EIRs is only eligible if it is to ensure consistency and compliance with the MPOs/RTPAs RTPs and other regional transportation planning plans and products.
- Habitat Conservation Plans; however, some activities may be eligible if tied to regional transportation planning requirements (e.g., the RTP).
- Implementation of a study, plan, or program (e.g., Traffic Impact Fee implementation).
- Project Delivery activities.
- City or county level transportation studies unless it is regionally significant or has a direct effect on the highway/transit system.
- Fulfillment of state or local mandates or requirements, unless it ties to a regional planning requirement (e.g., the RTP).
- Self-promotion/marketing of an MPO/RTPA is unallowable and ineligible.
- Lobbying.
- Legal fees for lawsuits/litigation (23 CFR 450.306(e)).
- Project design, engineering, and construction.
- Food and beverages at meetings (2 CFR 200.432) are typically an unallowable use of CPG funds. It needs to be justifiable, reasonable and necessary, such as for a public outreach meeting that would have low attendance otherwise. Food and beverages for staff (unless on travel status) and normal TAC meetings are unallowable and ineligible activities that cannot be reimbursed.
- Association membership dues and staff time attending NARC, AMPO, NSSR, etc. if lobbying and planning activities are not segregated.

principles indicate that the cost of conferences or other meetings may be allowable for reimbursement when the primary purpose is the dissemination of “technical information.”

- Preparing for and attending board meetings – staff time for these meetings is eligible as an *indirect* cost and included in an ICAP because these meetings usually discuss matters beyond regional transportation planning (e.g., project development or delivery activities). However, there may be some exceptions. If the board meeting is solely for the purpose of an MPO/RTPA, the OWP Work Element needs to justify how it is a direct cost.
- Association membership dues and staff time attending CALCOG meetings are eligible as an indirect cost and should be included in the ICAP because these meetings usually discuss matters beyond regional transportation planning (all lobbying activities associated with the organization are ineligible and should be segregated).
- MPO/RTPA Executive Director – the MPO/RTPA Executive Director’s time should mostly be recorded as an indirect activity. For example, when an Executive Director is meeting with staff or attending meetings on behalf of the agency, it is likely in an executive management capacity and therefore should be recorded as an indirect activity. There are instances when an Executive Director of a small MPO or RTPA can charge their time directly. In this instance, Executive Director’s time needs to be tracked by how they are functioning, that is, whether they are working in a technical capacity (direct activity) or an executive management capacity (indirect activity).
- OWP Development – only the development of the OWP document as it pertains to transportation planning and the CPG/RPA Work Elements should be in an OWP Development & Administrative-type Work Element. Other administrative and financial activities are also eligible and can be presented in one of the following options:
 - As *indirect* costs and should be included in an ICAP; or
 - The activities can remain in a single work element if the accounting system is able to segregate direct and indirect activities to support that non-CPG/RPA funds are used for indirect activities.

Regional planning documents, consistent with federal and state requirements:

- Regional Transportation Plans (RTP) and accompanying environmental document
- Transportation Improvement Programs (TIP)
- RTP and TIP environmental compliance
- Overall Work Programs (OWP) and Amendments
- Overall Work Program Agreements (OWPA) and Amendments
- Master Fund Transfer Agreements (MFTA)
- Corridor studies

Ineligible activities include, but are not limited to:

- Non-planning related TDA administration such as conducting Social Services Technical Advisory Committee, fulfilling TDA auditing requirements, processing TDA invoices and fund reports, TDA allocation and claims process, etc. (planning related activities such as

Appendix G Resolution

**BEFORE
THE COMMISSIONERS OF THE
MADERA COUNTY TRANSPORTATION COMMISSION
COUNTY OF MADERA, STATE OF CALIFORNIA**

In the matter of
**OVERALL WORK PROGRAM AND LINE ITEM
BUDGET FOR FY 2022-2023**

Resolution No.: **22-04**

WHEREAS, the Madera County Transportation Commission (Commission) has been designated the Regional Transportation Planning Agency for Madera County by the Secretary of Business and Transportation Agency pursuant to Section 29532 of the California Code of Regulations (as amended by AB 402, 1977); and acting as the Metropolitan Planning Agency (MPO) (Federal Highway Act of 1974 and the Urban Mass Transportation Administration Act of 1964 as amended pursuant to the joint regulations - Code of Federal Regulations, Title 23, Part 450; Title 49, Part 613}; and

WHEREAS, the Commission is required by State and Federal funding agencies to prepare and submit an Overall Work Program pursuant to the Department of Transportation, Intermodal Planning Group Region IX Guidelines for Metropolitan Planning Organizations; and

WHEREAS, the Commission staff has sought input from member agencies, including transit operators, and the State with respect to proposed work to be performed to satisfy State and Federal requirements, in addition to local priorities; and

WHEREAS, the proposed Overall Work Program has been prepared to meet State and Federal requirements; and

WHEREAS, the Overall Work Program is considered to be a guide for work activity and may be considered for amendment by the Commission Policy Board during the 2022-23 fiscal year; and

WHEREAS, the MCTC has prepared a line item budget which is consistent with the Overall Work Program; and

NOW, THEREFORE, LET IT BE RESOLVED, that the Madera County Transportation Commission does hereby adopt the FY 2022-23 Overall Work Program and Budget and certifies that its planning process will be implemented through this document in accordance with:

- (1) Public Law 114-94, the Fixing America's Surface Transportation Act (FAST Act);

- (2) Section 174 and 176(c) and (d) of the Clean Air Act as amended (42 U.S.C. 7504, 7506 (c) and (d));
- (3) Title VI of the Civil Rights Act of 1964 and the Title VI Assurance executed by California under 23 U.S.C. 324 and 29 U.S.C. 794;
- (4) Section 1101 (b) of the Transportation Equity Act for the 21st Century (Pub. L. 105-178 112 Stat. 107) regarding the involvement of disadvantaged business enterprises in the FHWA and the FTA funded project (FR Vol. 64 No. 21, 49 CFR part 26); and
- (5) The provisions of the Americans with Disabilities Act of 1990 (Pub. L. 101-336, 104 Stat. 327, as amended) and U.S. DOT implementing regulation (49 CFR Parts 27, 37, and 38).

BE IT FURTHER RESOLVED, that the Commission Executive Director and/or Policy Board Chairman are authorized to execute and submit certifications and applications for funding to State and Federal agencies identified as proposed sources of funding by the 2022-23 Overall Work Program; and execute and submit agreements with participating member agencies and auditors; and

BE IT FURTHER RESOLVED, that the Commission will continue to work with State and Federal funding agencies in addition to member agencies on any adjustments to the Overall Work Program and Line Item Budget which may occur subsequent to July 1, 2022.

The foregoing resolution was adopted this 20th day of April 2022 by the following vote:

Commissioner Wheeler	<u>Yes</u>
Commissioner Palmer	<u>Yes</u>
Commissioner Gallegos	<u>Yes</u>
Commissioner Rodriguez	<u>Absent</u>
Commissioner Frazier	<u>Yes</u>
Commissioner Poythress	<u>Yes</u>
<i>At. Commissioner Garcia</i>	



 Chairman, Madera County Transportation Commission



 Executive Director, Madera County Transportation Commission

Appendix H Other Planning Activities

ATTACHMENT A
MADERA COUNTY TRANSPORTATION COMMISSION
PLANNING ACTIVITIES WITHIN THE REGION
FY 2022 - 2023

Informational Element Matrix

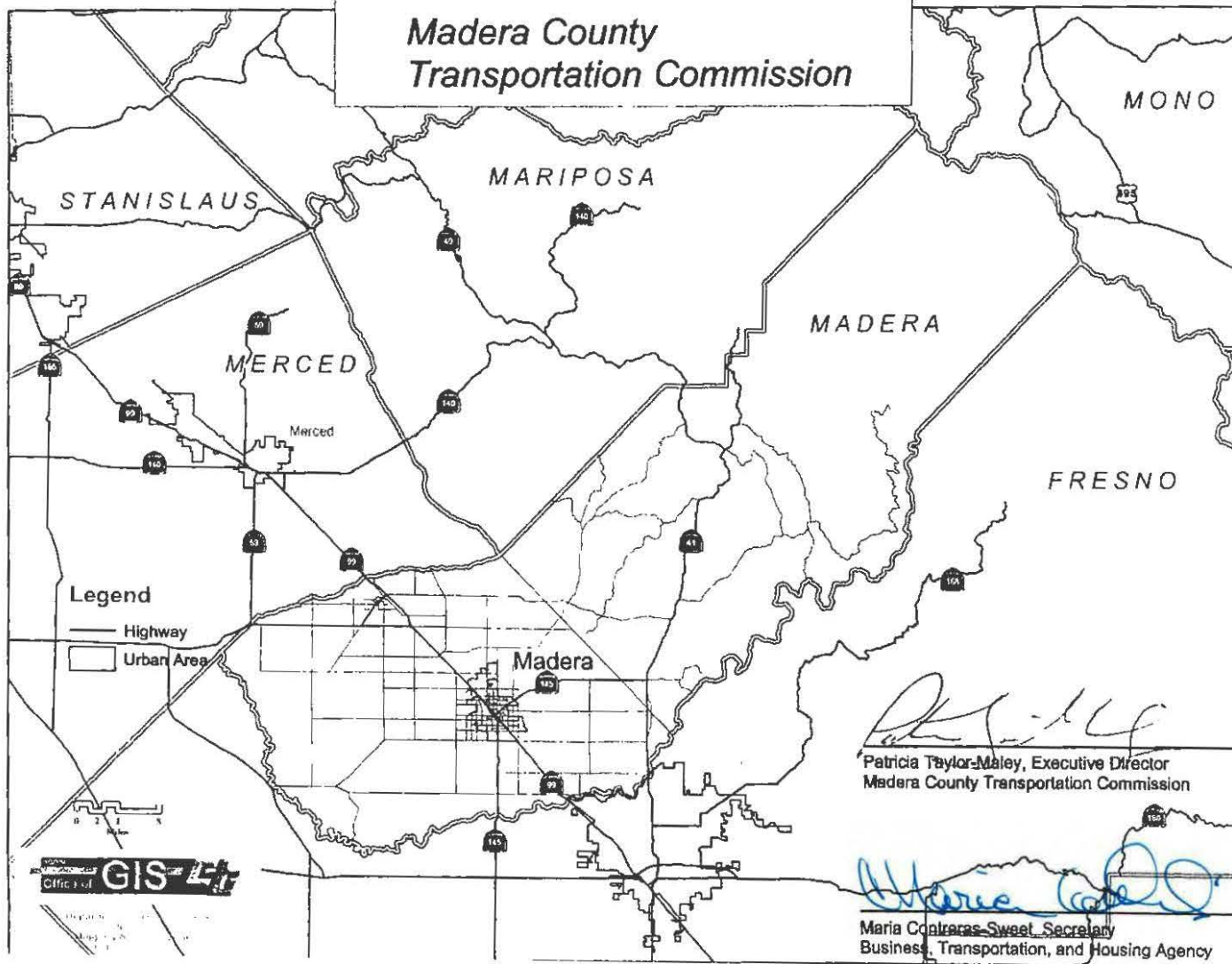
The following is a list of planning activities involving Caltrans within the MPO metropolitan planning area.

Activity	MPO Work Element Number	Funding Type	Description/Product(s)	Work Performed By	Due Date	FSTIP Prgmng.
OWP Management	N/A	FED/ STATE	Caltrans work elements for OWP reimbursement and monitoring	Caltrans	On-going	No
IGR/local development reviews	N/A	STATE	Recommended mitigation for development impacts on State facilities	Caltrans	On-going	No
System Planning	N/A	STATE	Update documents related to system functionality	Caltrans	On-going	No
Valley-wide GIS	N/A	STATE	Coordinate integration of Valley wide GIS into Caltrans GIS	Caltrans	On-going	No
California Transportation Plan	N/A	FED/ STATE	California Transportation Plan (CTP) 2050. February 2021 - Final	Caltrans	Completed	No
Bicycle Guide for District 6 and Complete Streets Elements	N/A	STATE	State Highway Bicycle Companion Guide	Caltrans	Completed	No
Tribal Coordination	N/A	FED/ STATE	Consultation & coordination with North Fork Rancheria and Picayune Rancheria of Chukchansi Indians	Caltrans, Tribal Governments	On-going	No
		STATE	Updated Enhancement Master Plan with beautification project listing and new ongoing Advisory Committee.	Caltrans-Districts 6&10 Kern, Tulare, Fresno, Madera, Merced, Stanislaus, and San Joaquin	On-going	No
State Route (SR) 41 Corridor Preservation Analysis	N/A	STATE	Ultimate freeway and interchange footprints (various locations).	Caltrans	On-going	No
Plan Work Grant		STATE	Preparing a TCR using FHWA's PlanWorks tools. May 2017 - Final	Caltrans, Local Partners	Completed	No

Towards an Active California State Bicycle and Pedestrian Plan	N/A	STATE	Plan to provide multimodal transportation throughout California. May 2017 - Final	Caltrans	Completed	No
Mass Transit (County of Madera)	N/A	FED/ STATE	Coordinate & Administer 5311, CMAQ, Capital, STIP programs w/local agencies to enhance the use of the public transportation system in city and rural areas.	Caltrans/Madera City of Chowchilla Consultant	On-going	No
MCTC RTP/SCS	N/A	FED/ STATE	CT Participation on RTP/SCS Roundtable	Caltrans/MCTC	On-going	No
Goods Movement & Highway Planning	120	STATE	San Joaquin Valley I-5 Good Movement. June 2017 - Final	Madera, Fresno, Tulare Kern, Kings, Merced San Joaquin, Stanislaus	Completed	No
SR 233 Corridor Study	903	STATE	Public Participation and Outreach Plan and a Corridor Planning Study/Master Plan of SR 233/Robertson Blvd from SR 152 to Rd 19, with an emphasis area in Downtown Chowchilla	Caltrans, Chowchilla, consultants, community groups.	March 2021	No
Project Prioritization Study	905	STATE	To develop a Project Prioritization Study for the Madera County region to address traffic congestion, maintenance, transit needs, or vehicle alternatives, such as bicycle and pedestrian travel.	MCTC, Consultant, Caltrans	May 2020 (Phase I Only)	No
Madera Transit Plan	N/A	STATE	To evaluate the City's transit system, devise operational and policy changes to formulate a "Transit Plan" that will improve the system. connectivity with other modes of transportation and systems and to advance multi-modal transportation within the region.	City of Madera, Consultant, Caltrans	On-going	No
Highways, Corridors, and Routes of Regional Significance	401		State Route 99 Coordination, San Joaquin Valley Goods Movement Sustainable Implementation Plan, SJV I-5 Goods Movement Plan, SR 99 Corridor Plan, CA Inland Port Feasibility Analysis- Phase III	San Joaquin Valley Partners, Caltrans	On-going	No
Zero-Emissions Vehicle Readiness & Implementation Plan	103		Formerly W.E.908	MCTC, Consultant	On-going	No

Appendix I MPO Planning Boundary

**Madera County
Transportation Commission**



Legend

- Highway
- Urban Area

GIS 4.1

Patricia Taylor-Maley
Patricia Taylor-Maley, Executive Director
Madera County Transportation Commission

Maria Contreras-Sweet
Maria Contreras-Sweet, Secretary
Business, Transportation, and Housing Agency

Appendix J Public Participation Outreach Chart

**Madera County Transportation
Commission
Public Engagement 2022-23***

	OWP (Budget)	RTP/SCS	RTP/SCS Amendment	RTP/SCS EIR	RTIP	FTIP	FTIP Amendment	Unmet Transit Needs	AQ Conformity	Special Studies
Document Process Inception										
Display Ads		X						X		X
Direct Mail		X						X		X
E-Mail		X						X		X
Website		X						X		X
Social Media		X						X		X
Press Release		X						X		X
Public Meeting	X	X						X		
Public Workshop		X						X		X
Draft Document Process										
Display Ads		X						X		X
Direct Mail		X						X		X
E-Mail		X				X	X	X		X
Website	X	X				X	X	X		X
Social Media		X						X		X
Press Release		X						X		X
Public Meeting	X	X						X	X	X
Public Workshop		X						X		
Final Document Process										
Display Ads								X	X	X
Direct Mail						X	X	X	X	X
E-Mail						X	X	X	X	X
Website	X				X	X	X	X	X	X
Social Media								X	X	X
Press Release								X	X	X
Public Meeting	X		X		X	X	X	X	X	X
Public Workshop								X		X
7 Day Review Period							X			
30 Day Review Period	X	X	X			X	X	X	X	
45 Day Review Period				X						
55 Day Review Period		X								
Legal Notice		X	X	X		X	X	X	X	
Public Hearing		X	X	X		X	X	X		