

Madera County Transportation Commission

Metropolitan Planning Organization
and
Regional Transportation Planning Agency

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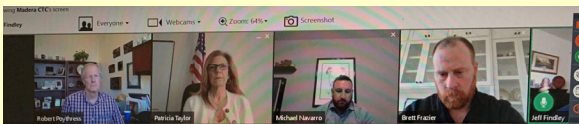
MPO / RTPA Administration

- ❑ Establish RTPA – 1972
- ❑ Designated MPO – 2003
- ❑ MCTC Technical Advisory Committee (TAC)
- ❑ MCTC Transportation Policy Committee (TPC)
- ❑ Overall Work Program and Budget (OWP)
- ❑ Fixing America's Surface Transportation Act (FAST Act)
- ❑ Federal Transit Administration (FTA)

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MCTC Meetings

- ❑ **Technical Advisory Committee** members include each city and the county, Caltrans, SJV Air District, Tribal Governments. (2nd Mondays)
- ❑ **Transportation Policy Committee** members include one representative from city of Chowchilla; two representatives from the city of Madera, three representatives from the Madera County Board of Supervisors, and the Caltrans District 6 Director (ex-officio). (3rd Wednesdays)



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Overall Work Program and Budget

- ❑ OWP required by Caltrans to receive state and federal funds
- ❑ Identifies MPO/RTPA activities by work element
- ❑ Identifies federal, state, regional, and local funding available. FY 2020-21 budget of \$2,146,293
- ❑ Identifies schedule of work element tasks
- ❑ MPO/RTPA Budget is based on the OWP

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Fixing America's Surface Transportation (FAST) Act

- Latest reauthorization of the Federal Transportation Act continuing federal funding programs:
 - ❖ Regional Surface Transportation Program
 - ❖ Congestion Mitigation and Air Quality



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Regional Surface Transportation Program (RSTP)

- Madera County's FY 2020-21 *estimated* apportionment is \$2,133,334
- Rural counties allowed to exchange for state funds (less than 200,000 population)
- Exchanged funds distributed to cities and the county based on population
 - Madera County - \$1,200,542
 - City of Madera - \$780,580
 - City of Chowchilla - \$152,212
- Exchanged funds used for eligible projects

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Congestion Mitigation and Air Quality (CMAQ)

- Apportioned to Metropolitan Planning Organizations in non-attainment areas
- Madera County's FY 2020-21 apportionment is \$2,030,679
- To be eligible for funding, projects must result in motor vehicle emissions reductions
- Projects included in 2021 Federal Transportation Improvement Program:
 - ❖ North Fork Pedestrian Facilities - \$500,000
 - ❖ Chowchilla Pedestrian Facilities - \$1.5 million
 - ❖ Madera Electric Bus and Charger - \$520,000

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Federal Transit Administration (FTA)

- Section 5310 - Public and private non-profit elderly and disabled transit capital projects
- Section 5311 - Public transit capital and operating assistance
- Section 5311(f) - Intercity bus
- Section 5307 - Small Urban



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FTA Section 5310

- ❑ Statewide competitive program
- ❑ Project applications submitted to MCTC for screening and scoring
- ❑ Project applications submitted to Caltrans for statewide scoring and programming on competitive basis



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FTA Section 5311

- ❑ Annual apportionment to each county for local programming
- ❑ RTPA prepares Regional Program of Projects for submittal to Caltrans
- ❑ Funds programmed for operating assistance and purchase buses
- ❑ Madera County's FFY 2020 apportionment is \$438,610

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FTA Section 5311(f)

- ❑ Statewide competitive program to fund transit service between rural and urban areas

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FTA Section 5307

- ❑ Annual apportionment to Urbanized Areas (UZA) for urban area public transit operators.
- ❑ MPO programs funds in Federal Transportation Improvement Program.
- ❑ Funds are used to purchase buses, and for operating assistance.
- ❑ Madera UZA's FY 2020-21 apportionment is \$2,282,467. The City of Madera and Madera County are eligible recipients.

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Regional Transportation Plan (RTP)

- ❑ Regional Transportation Plan (RTP) Update
- ❑ Sustainable Communities Strategy (SB 375 GHG Reduction)
- ❑ Travel Forecasting Model
- ❑ Traffic Counts
- ❑ Air Quality
- ❑ Transit Development Plan
- ❑ Special Projects and Valleywide Coordination

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Regional Transportation Plan (RTP) Update

- ❑ 20-year plan for transportation planning containing policy, action, and financial elements
- ❑ Includes priority list of state highway and local road, transit, active transportation, aviation, and freight projects
- ❑ Includes a Sustainable Communities Strategy (SCS)
- ❑ Must conform to State Implementation Plan for Air Quality Attainment
- ❑ 2022 RTP and SCS underway and scheduled for adoption in July 2022

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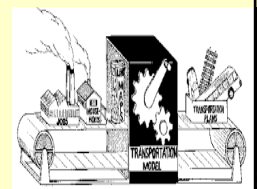
Sustainable Communities Strategy (SCS)

- ❑ Transportation and land use measures to reduce vehicle miles of travel and greenhouse gas emissions from passenger vehicles and light duty trucks.
- ❑ SB 375 GHG Emission Reduction Targets established by the Air Resources Board (ARB) for San Joaquin Valley MPOs for the 2014 and 2018 RTP/SCS: per capita reduction from 1990 levels set at 5% by 2020 and 10% by 2035.
- ❑ 2014 RTP/SCS measures focused on transit improvements that are actively being implemented and met the SB 375 targets at 5% and 10%.
- ❑ 2018 RTP/SCS measures focused on implementation of electric vehicles and charging infrastructure, active transportation projects, and increased transit services.
- ❑ ARB updated SB 375 targets increased to 13% by 2035 that apply to the 2022 RTP/SCS.

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Travel Forecasting Model

- ❑ Computer model to forecast regional travel demand
- ❑ Used to determine the impacts of land use and road system changes on the regional network
- ❑ Used to determine the air quality impacts of land use and transportation projects
- ❑ New 2018 Base Year Model – calibrated and validated
- ❑ Used to evaluate VMT impacts of local development projects.



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Traffic Count Program

- ❑ Conduct traffic counts classified by speed, vehicle class, and vehicle count on county and city roads
- ❑ Prepare Regional Counts book
- ❑ Distribute information by request
- ❑ Include count data in RTP and travel demand forecasting model



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Air Quality

- ❑ Coordinate with SJVAPCD in the development of air quality attainment demonstration plans and emissions budgets for conformity purposes
- ❑ Monitor the federal and state clean air act amendments and their impacts on Madera County
- ❑ Monitor the implementation of transportation control measures to reduce motor vehicle emissions

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Special Projects and Valleywide Coordination

- ❑ Short Range Transit Development Plan
- ❑ Electric Vehicle Readiness & Implementation Plan
- ❑ Regional Active Transportation Plan
- ❑ GIS Database
- ❑ Regional Highway Corridor Needs Study
- ❑ California Inland Port Feasibility Study
- ❑ SR 41 / Ave 9 Joint Study with Fresno COG
- ❑ Finish the 99
- ❑ San Joaquin Valley MPO Coordination
- ❑ Valley Voice
- ❑ CalVans Authority member
- ❑ San Joaquin Joint Powers Authority for Amtrak
- ❑ San Joaquin Valley Regional Policy Council
- ❑ California Association of Councils of Governments

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Transportation Improvement Programs (TIPs)

- ❑ State Transportation Improvement Program (STIP)
- ❑ State Highway Operation and Protection Program (SHOPP)
- ❑ Regional Transportation Improvement Program (RTIP)
- ❑ Federal Transportation Improvement Program (FTIP)

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State Transportation Improvement Program (STIP)

- ❑ A document prepared by Caltrans & adopted by the CTC biennially for programming transportation projects over a 5-year period
- ❑ Includes capacity-increasing highway projects, intercity and commuter rail projects, and aviation projects
- ❑ Projects programmed for counties based on county shares
- ❑ Projects nominated by RTPAs within Regional Transportation Improvement Programs
- ❑ Projects nominated by Caltrans within Interregional Improvement Program

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Regional Transportation Improvement Program (RTIP)

- ❑ RTPA nominates high priority projects up to its county share amount.
- ❑ Prior RTIPs included projects to SR 99/4th Street interchange, construct SR 41 passing lanes, SR 99/Avenue 12 interchange, SR 99/Avenue 7 safety and congestion relief.
- ❑ Funding shortfalls create an inability to program new projects.
- ❑ Proposed 2022 RTIP Projects include SR 99 Madera South - Avenue 7-12 safety and congestion relief.



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Federal Transportation Improvement Program (FTIP)

- ❑ A document prepared by Metropolitan Planning Organizations that includes all programmed transportation projects during a 4-year period which are either federally funded or need federal approval
- ❑ Must conform to the State Implementation Plan for air quality attainment
- ❑ The latest 2021 FTIP was adopted in February of 2021
- ❑ MCTC publishes an annual listing of projects for which federal funding were obligated during the proceeding federal fiscal year. In FFY 2019-20 a total of \$59 million for streets, highways, transit, bicycle, and pedestrian projects within Madera County was obligated

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Transportation Development Act (TDA)

- ❑ Local Transportation Fund (LTF)
- ❑ State Transit Assistance (STA)
- ❑ Transit System Review

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Local Transportation Fund (LTF)

- ❑ Revenue from one-quarter of one cent of the statewide sales tax returned to the county of origin
- ❑ Estimate provided by County Auditor by February 1
- ❑ RTPA determines apportionments to cities and county based on Department of Finance population estimates and notifies claimants by March 1 of amounts available
- ❑ Funds available for administration of LTF, non-motorized facilities, planning, transit, and roads
- ❑ RTPA conducts public hearing in April
- ❑ Claimants file applications for funds based on purpose by June 30

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Local Transportation Fund (LTF)

Continued

- ❑ Transit operators must meet minimum farebox return to receive full allocation.
- ❑ RTPA makes a determination of “unmet transit need” and “reasonable to meet.” Once all highest priority purposes and reasonable to meet transit needs are funded, the remaining funds can be allocated for street and road purposes.
- ❑ FY 2021-22 LTF estimated revenue is \$4.6 million.
 - ❑ Madera County - \$2,281,991
 - ❑ City of Madera - \$1,884,970
 - ❑ City of Chowchilla - \$390,134
- ❑ Allocated for transportation planning contributions, transit, and local roads.

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State Transit Assistance (STA)

- ❑ Revenue from state sales tax on gasoline and diesel
- ❑ Estimate of funds available to each county provided by State Controller by January 31
- ❑ Funds apportioned to counties based on population and transit system farebox revenues
- ❑ FY 2021-22 Madera County estimated apportionment is \$1,128,582

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Transit System Review

- ❑ RTPA attends transit board meetings.
- ❑ RTPA conducts meetings of the Social Service Transportation Advisory Council. Members include transit operators, social service providers, and transit users from low income, elderly, and disabled population groups.



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Transit System Review

Continued

- ❑ Independent auditor prepares annual fiscal and compliance audits of transit operators as they pertain to the Transportation Development Act
- ❑ RTPA contracts with independent consultant to prepare Triennial Performance Audits of transit operators and itself and submits to Caltrans
- ❑ RTPA prepares annual report of TDA apportionments and allocations

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Thank You!

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