

Measure T Renewal Investment Plan Steering Committee November 18, 2021



Webinar Protocols

- Microphones will be automatically muted, video will be off public attendees
- Video will remain off for public attendees even while speaking
- Post general questions in the Q&A box
- The Speaker or Co-Chair will call for comments or questions at the end of each agenda item
- Use the raise hand function to direct a question to the Speaker or Steering Committee during agenda item discussion
- For attendees that joined by phone, *9 is the raise hand function
- Phone callers, please use *6 to unmute and mute yourself, not the mute function of your phone
- There will be a public comment period at the end of the agenda. If you plan to comment
 - Add your name, agency, and subject matter to the Q&A box

When Called Upon to Speak

- Staff will unmute your microphone
- State your
 - Name
 - Agency, organization, or special interest group if applicable
- All speakers will be limited to two (2) minutes
- Staff will announce when your time is up and disable your microphone when your time is up



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ltem #	Description	Action/Presenter
	Introductions & October 21, 2021	Informational/Approval – Co-Chairs Poythress
l.	Meeting Minutes	and Frazier
II.	Local Agency Modal Needs Presentations	Informational – G. Vivian, VRPA Technologies
a.	City of Chowchilla	J. Rogers - City of Chowchilla
b.	City of Madera	K. Helmuth & E. Bitter - City of Madera
c.	County of Madera	J. Carter & M. Treber - County of Madera
	Review Other Self Help County Measure	
- 111.	Programs	Informational – G. Vivian, VRPA Technologies
	Review Future (2046) Transportation	Informational – G. Vivian, VRPA Technologies
	Project/Program Costs or Funding Need	T. McNeil, MCTA
IV.	by Mode	D. Stone, MCTC
	Discuss Remaining Steering Committee	
	Member Priorities for Measure T	
٧.	Renewal	R. Willems, VRPA Technologies
VI.	Next Steps:	
		Informational – P. Taylor, MCTA, G. Vivian, VRPA
а.	Staff Items	Technologies
	Renewal Schedule/Steering Committee	
b.	Vacancy	Informational - P. Taylor, MCTA
с.	Next Meeting Date – December 16, 2021	Informational - Co-Chairs
VII.	Public Comment	Informational - Co-Chairs

Steering Committee Agenda – Nov. 18, 2021

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MADERA COUNTY TRANSPORTATION AUTHORITY

Item I: Introductions/ October 21, 2021 Meeting Minutes



MADERA COUNTY TRANSPORTATION AUTHORITY

Item II: Local Agency Modal Needs Presentations



Measure A / Measure T

Measure A and Measure T have been used to make safety improvements to 65 miles of roadways throughout the City of Chowchilla, to efficiently connect our residents, to relieve congestion, and safely transport our community through the area.



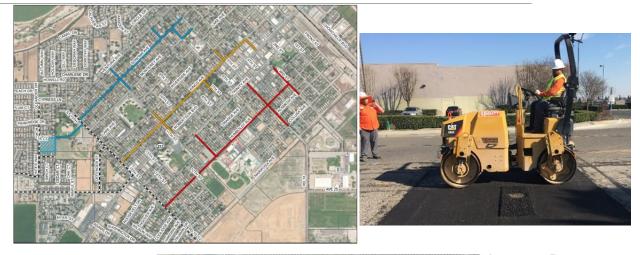
Completed Projects

- Colusa Ave Reconstruction
- 5th St Curve and Road 16 Reconstruction
- Wilson School Area Pedestrian Improvements
- Fuller Elementary Neighborhood Project
- Robertson & 11th St Pedestrian Improvements
- Lake Ave Rehabilitation
- Orange Ave and 6th St Overlay
- Washington Rd. Rehabilitation
- Howell Rd. and Gill Way Rehabilitation

- Sonoma Ave Resurfacing
- Roller and Hot Mix Equipment Purchase
- CATX Bus Purchase
- High School Pedestrian Improvements
- Pavement Management Program
- Monterey Ave. Reconstruction
- 13th St. Reconstruction
- Overlay of the Presidential Streets
- Installation of Missing Curb/Gutter (Various Locations.

Current and Planned Projects

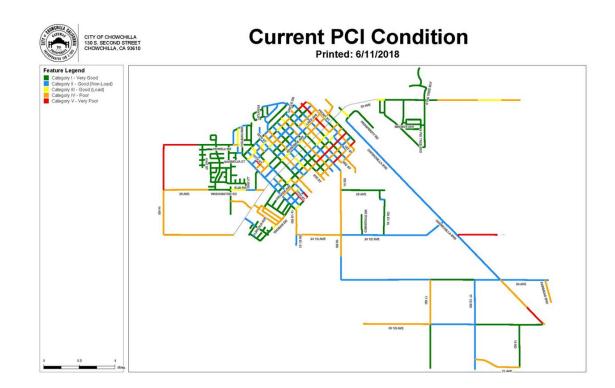
- General Street Maintenance and Repair (pot holes and overlays)
- •ADA / Pedestrian Improvements (various locations)
- •Humboldt Street Storm Drain and Road Rehab
- •SR 99/233 Interchange project (Roundabouts)
- Chowchilla Blvd. Rehabilitation
- Ave 24 Reconstruction
- Bus Shelter Purchase/Installation





Future Needs

- Preventative Maintenance of Road Network
- Safety / Circulation Improvements
- Bridge Maintenance
- Bicycle / Pedestrian Improvements
- Robertson Blvd. Safety Enhancements
- CATX Transit Improvements/Enhancements

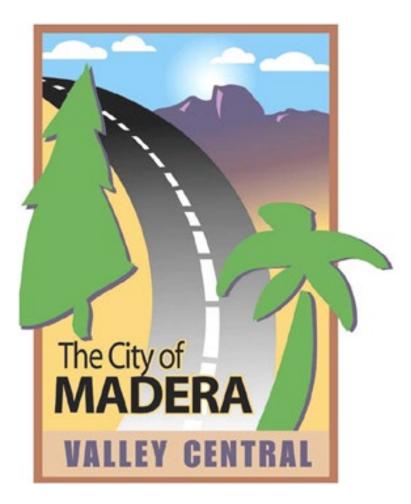


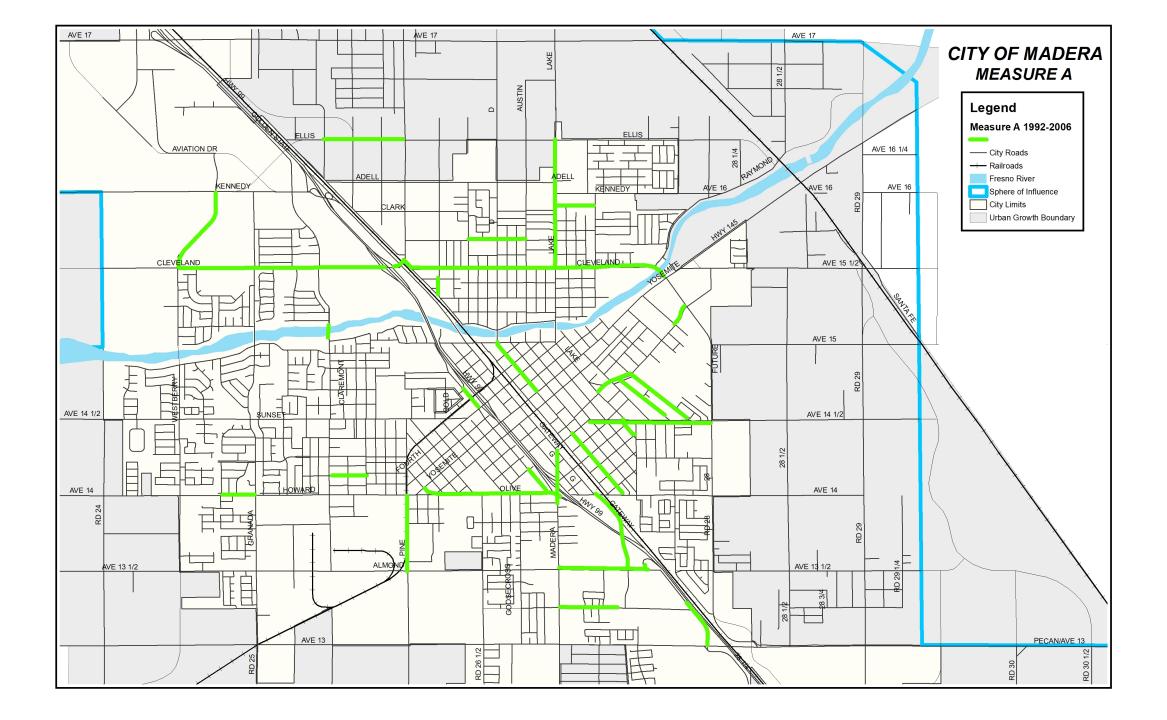
Questions?

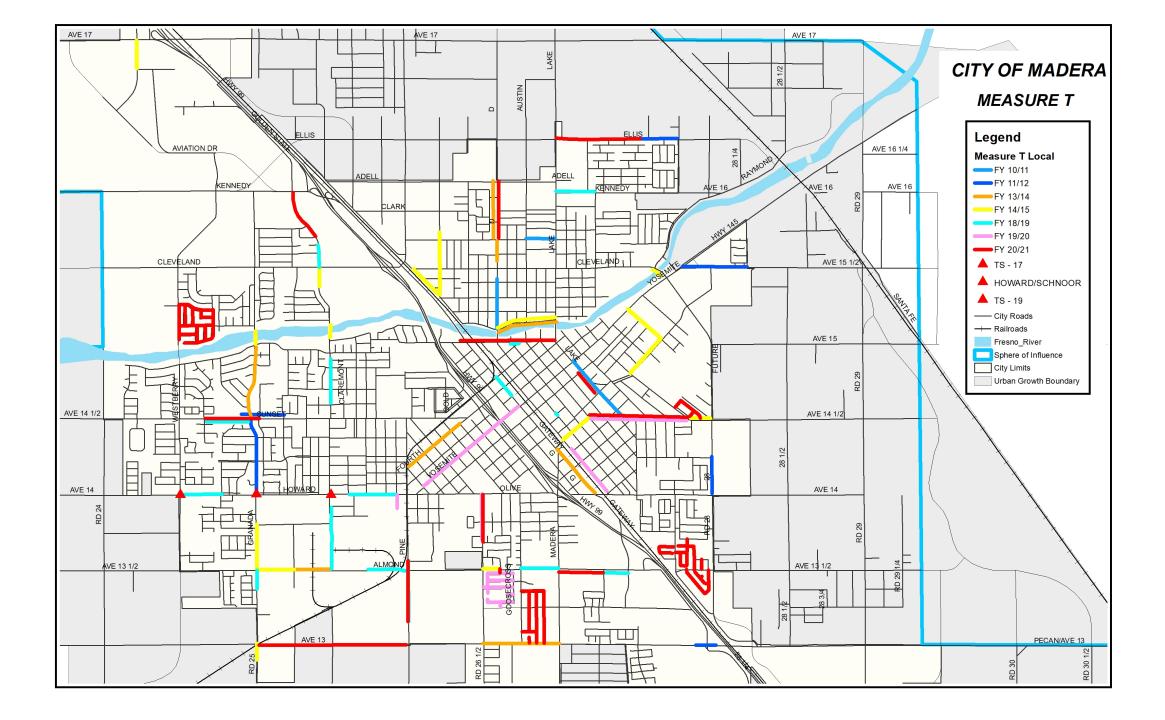


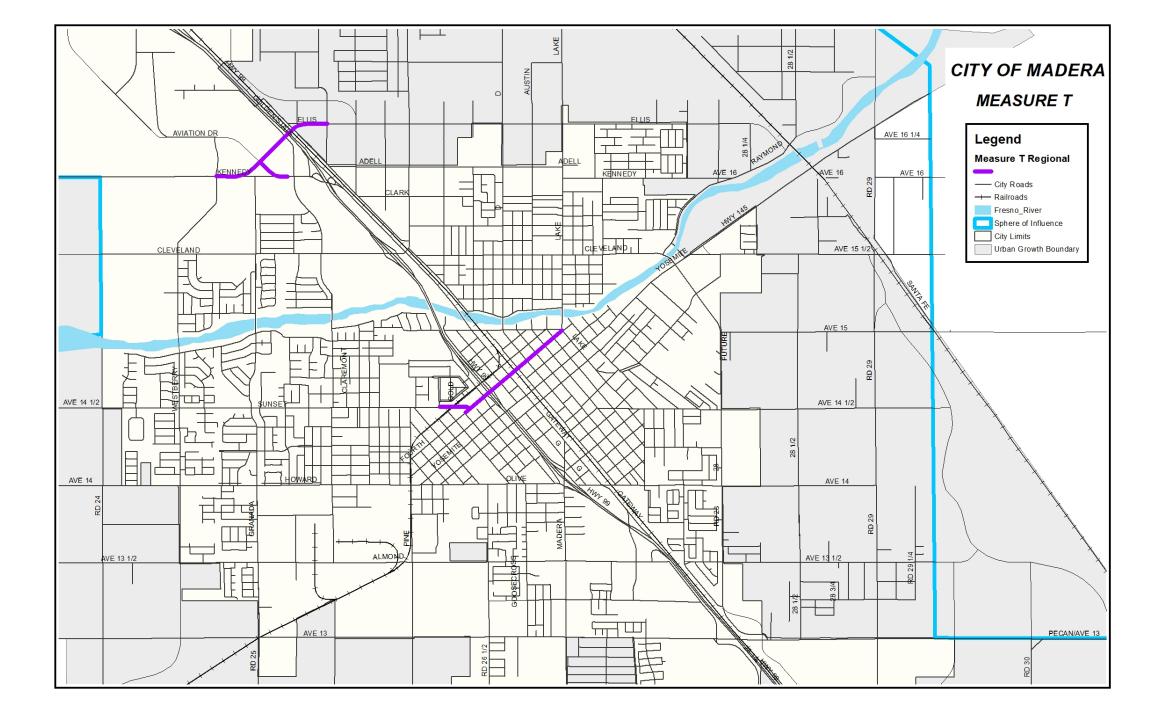


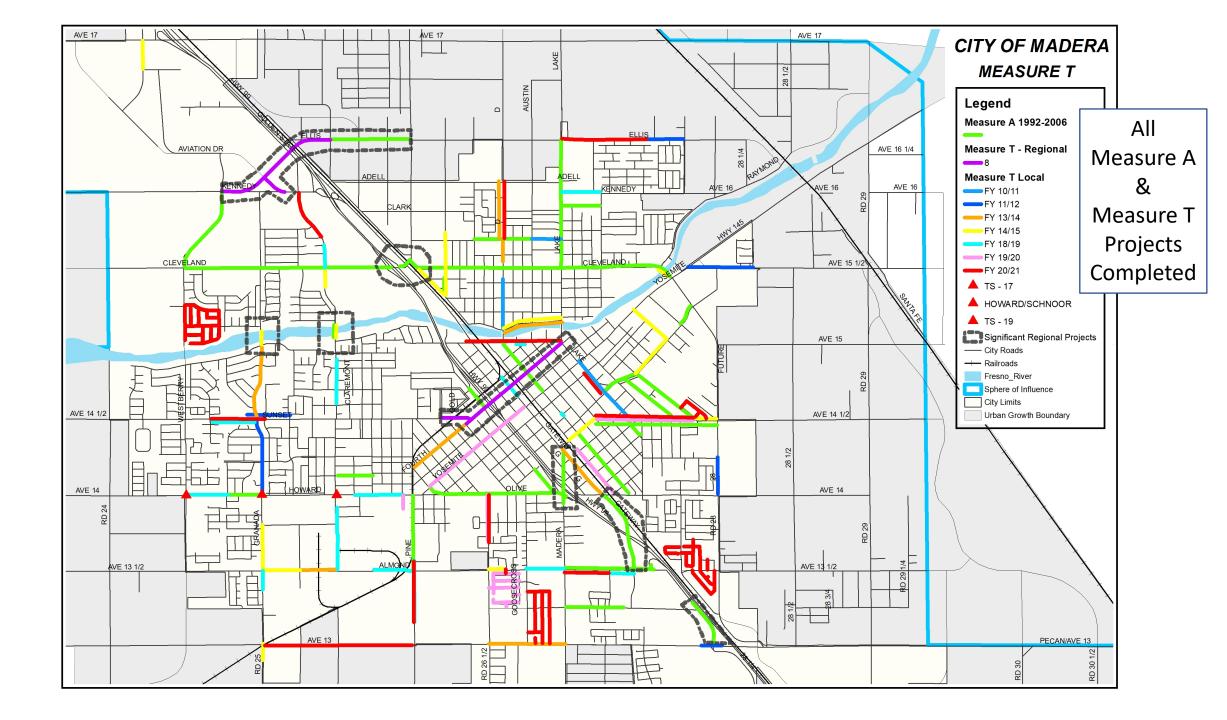
Measure A & Measure T Completed Projects







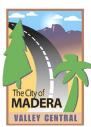




Measure T Completed Pedestrian Enhancement Projects

Installation of Sidewalks Near Washington Elementary (Top Left & Right Photos)

Construction of portion of the Fresno River Trail under Gateway Drive and UPRR Bridges (Pictured Bottom Left)







Measure T Completed Transit Enhancement Projects

Construction of CNG Fueling Facility At MUSD Maintenance Yard (Top Left)

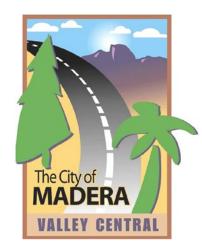
Installation of 42 Bus Stops at Various Locations Throughout the City (Top Right)

Construction of New Transit Center (Right)





Modal Needs



Needs: Roadway Network Improvements

- Bridge Widening
 - Gateway Drive
 - Lake Street
 - Granada Drive
- Congestion Mitigation
 - Intersection Enhancements
- Network Gaps
 - Almond Avenue
 - Westberry Bridge

- Arterials/Collector Improvements
 - Carryover from Measure T
 - Gateway Drive
 - Sampling From RTP
 - Adell Street
 - Ellis Street 2-4 lanes
 - Tozer Street
 - Lake Street
 - Sunset Avenue



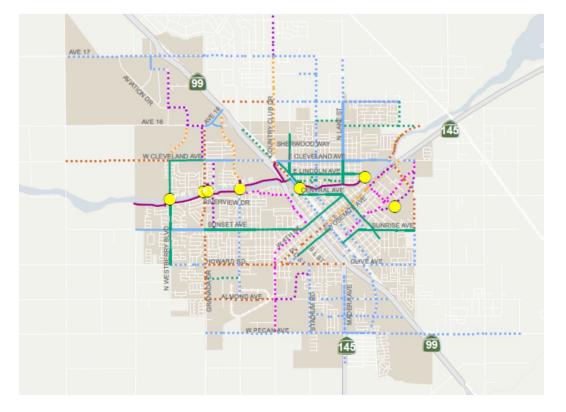
Needs: Maintain Existing Roadways

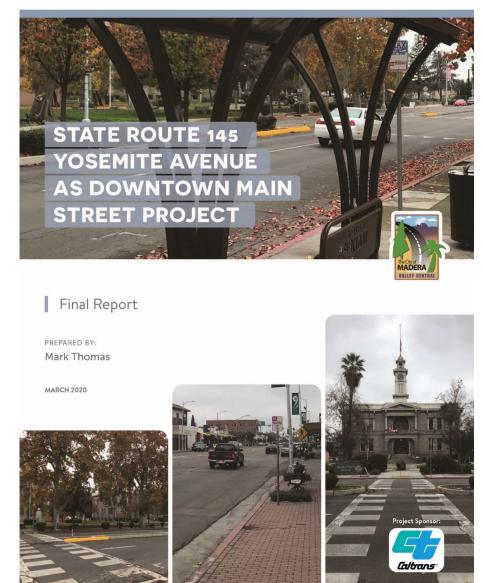
- 73 Miles of Arterials and Collectors in 2016 Study
 - Projected needs of \$103 million to bring <u>all</u> roads to "good" condition
 - Current annual expenditures averaging \$2.5 million for 3R projects
 - Backlog remains in excess of \$60 million = the dollar amount of maintenance and rehabilitation work that should have been completed, but had to be deferred due to funding deficiencies for Pavement Maintenance and/or pavement rehabilitation programs.
- To reach a recommend Pavement Condition Rating (PCI) of 68 need \$6 million per year

Needs: Active Transportation & Multimodal

Implementation (non-motorized)

- 2018 Active Transportation Plan
 - 18 Pedestrian Improvement Projects Identified
 - 37 Bikeway Projects Identified

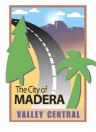




Needs: Active Transportation & Multimodal

Implementation (Transit)

- Electrification of Transit Fleet & Charging Stations
- Madera Transit Plan The goal of the Madera Transit Plan (MTP) is to evaluate the City's Transit System and devise operational and policy changes to formulate a plan that will improve the transit system. Goals 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.



Madera Transit Plan Schedule – Summer 2022

	2021						-	2022											2023			
Task	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23
			- • •																			
Task 3: Service Study & Operational and Policy Recommendations																						
3.1: City Staff, Caltrans, and TAB approve RFP																						
3.2: Advertise and Conduct a Procurement Process																						
3.3: Select a Consultant and Execute Agreement																						
3.4: Catalog, Map, and Inspect Bus Stops and Bike Path/Lane accessibility																						
3.5: Confirm Headways in Varying Conditions																						
3.6: Compile and/or Formulate Policy Recommendations										•												
						Ta	ask 4:	Mad	era T	ransi	t Plan											
4.1: Workshop on Findings												•										
4.2: Draft Madera Transit Service Design Standards and Efficient Performance Plan														•								
4.3: Circulate the Revised Draft Plan/Matrix																•						
4.4: Prepare Final Grant Report																						
4.5: Present Final Transit Plan																						
4.6: City Adopting Final Plan																						•



maderacounty.com

What have we been up to?







Measure A / Measure T

Rehabilitation/Reconstruction/New

- Road 26 widening- Ave 17 to Ave 18 (1 mi.)
- Avenue 17 widening- SR 99 to Rd 26 (1.5 mi.)
- Road 200 Phase 1- realign & improve (4 mi.)
- Road 200 Phase 2- realign & improve (2 mi.)
- Ellis Overcrossing- right of way (SR 99
 overcrossing)
- Avenue 9 rehab- Rd 33 to Rd 36 (3 mi.)*
- Road 36 rehab- Ave 9 to Ave 12 (3 mi.)
- Road 30 improvement- Ave 12 to 500' north*

- Avenue 7 rehab- SR 99 to Rd 35 (2 mi.)
- Road 36 rehab- Ave 12-1/2 to Ave 15 (2.5 mi.)
- Avenue 15 rehab- Rd 35 to Rd 36 (1 mi.)
- Martin Street rehab- Rd 26 to School (0.5 mi.)
- Road 36 rehab- Ave 15 to SR 145 (3.5 mi.)
- Avenue 9 rehab- SR 99 to Rd 29-1/2 (1.75 mi.)
- Avenue 26 & Road 29 rehab (15 mi.)*
- Oakhurst Midtown Connector (0.5 mi.)*
- Avenue 7 rehab- Rd 30-1/2 to SR 99 (2.5 mi.)*



*Leveraged other funds

Measure T

Overlays/Seal (Preventative Maintenance)

- Road 222 seal- SR 41 to Rd 274 (4 mi.)
- MD-44/MD-82/CSA-6 seals- various roads (3 mi.) •
- Road 400 overlay- Rd 425 to YSP (2 mi.)
- Road 23 overlay- Ave 12 to Ave 14 (2 mi.)
- Avenue 15 seal- Rd 28 to Rd 29 (1 mi.)
- Countywide Pavement Assessment and

Pavement Management System

- Road 274 seal- Rd 222 to Rd 225 (11 mi.)
- Road 9 overlay- SR 152 to Ave 25 (2 mi.)
- Road 200 (Ph 1) seal- Phase 1 limits (4 mi.)
- Avenue 9 seal- Rd 36 to Rd 38 (2 mi.)
- Rd 432/434 overlay- Falls Beach to Pines (1.5 mi.)
- Ongoing routine maintenance (i.e. patching, drainage, brushing, etc.)



Measure T

Transit/Bike/Ped

- Amtrak Station Relocation (Phase 1)* • Avenue 12 sidewalk- Rd 36 to Rd 37 (1 mi.)*
- ۲

MCC Transit Services & Bus Stop Shelters • Cesar Chavez Elem. ped path- Ave 13/Rd 29 (1 mi.)

Traffic Circulation/Safety

- Road 36/ Avenue 12-1/2 traffic signal* ٠
- Road 274/Road 225 (North Fork) Roundabout* •

Shoulder Paving- various locations* ۲

Bridge Replacement

- Road 600 bridge @ Madera Canal* Road 200 Bridge @ Finegold Creek (coming soon) • \bullet
- Road 23 bridge @ Little Dry Creek* ۲



*Leveraged other funds

What does the future look like?







Measure T Lookahead

Regionally Significant Projects

- **Avenue 9 Limited Expressway (4 lanes)**
- Avenue 17/SR 145 Extension
- SR 41 Safety Enhancements (SR 145 to SR 49)

- **Avenue 9 Grade Separation at BNSF Tracks**
- SR 41 Freeway Expansion (incl. Interchanges) ۲
- Others

Other Regionally Beneficial Projects

- Madera County Connection (service & capital)
- Safety/Circulation Projects (SSAR)
- **Bicycle/Pedestrian Projects (Regional ATP)**

- **Establish and Improve Terminal Access Routes**
- **Preventative Maintenance of Road Network**
- **Bridge Maintenance & Replacement**



SSAR= Systemic Safety Analysis Report; ATP= Active Transportation Plan

Questions?







MADERA COUNTY TRANSPORTATION AUTHORITY

Item III: Review Other Self Help County Measure Programs

Measure T Renewal Plan

California Self-Help County Measure Programs and Percentage Funding Allocations

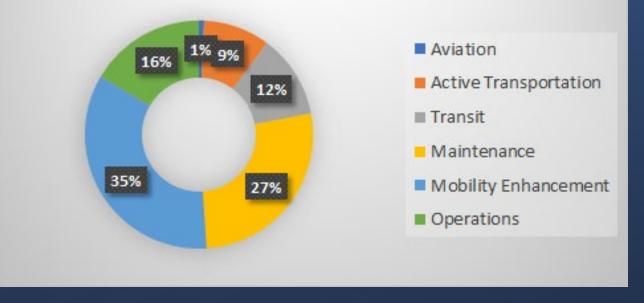
		County Size Measure Programs - Percent Allocation												
		Large,		C	Regional									
Self-Help Agencies	Expenditure Plan Approved	Over	Medium, 250,000- 750,000 Pop	Small, Less than 250,000 Pop	Streets & Highways	Aviation	Local Transp.	Public Transit	Active Transp.	New Tech.	Environ. Enhance. (TOD, Etc.)	Other (Grade Sep, Etc.)	Admin.	Total
Madera County Transportation Commission	2006			Х	51.0%		44.0%	2.0%			2.0%		1.0%	100%
Alameda County Transportation Commission		Х												
Measure B	2000				16.6%		24.2%	<mark>53.5</mark> %	5.7%					100%
Measure BB	2014						38.9%	48.0%	8.4%	1.0%		3.9%		100%
Contra Costa Transportation Authority	2020	Х			18.0%		27.0%	44.0%	11.0%					100%
Fresno County Transportation Authority	2006	Х			29.4%	1.0%	30.6%	21.9%	4.0%	2.1%	3.5%	6.0%	1.5%	100%
Imperial County Transportation Commission	2008			Х	5.0%		92.0%	2.0%					1.0%	100%
Marin - Transportation Authority of Marin	2018		Х		7.0%		26.5%	55.0%	11.5%					100%
Merced County Association of Governments	2016, 2019		Х		44.0%		40.0%	5.0%	10.0%				1.0%	100%
Monterey - Transportation Agency for Monterey County	2016		Х		27.0%		60.0%		13.0%					100%
Napa Valley Transportation Authority	2012			X			99.0%						1.0%	100%
	Not yet													
Riverside County Transportation Commission	approved	Х			47.0%		18.0%	22.0%	2.0%	5.0%		6.0%		100%
Sacramento Transportation Authority	2020	Х			11.8%		48.0%	35.0%				5.3%		100%
San Benito - Council of San Benito County Governments	2018			X	49.9%		44.5%					4.6%	1.0%	100%
San Bernardino County Transportation Authority	2004, 2017	Х												
San Bernardino Valley					60.0%		20.0%	18.0%				2.0%		100%
Mountain / Deserts					25.0%		70.0%	5.0%						100%
San Francisco County Transportation Authority	2003	Х					24.6%	74.0%				1.3%		100%
San Joaquin Council of Governments	2006, 2021	Х			32.5%		35.0%	23.0%	7.0%			2.5%		100%
San Mateo County Transportation Authority	2004	Х			27.5%		22.5%	30.0%	3.0%			17.0%		100%
Santa Barbara County Local Transportation Auth.	2008, 2020		Х		20.3%		58.4%	11.1%	2.5%			8.0%		100%
Santa Clara Valley Transportation Authority	2016	x			40.2%		22.6%	33.1%	4.0%					100%
Santa Cruz County Regional Transportation Comm.	2016, 2020	~	Х		25.0%		30.0%	20.0%	17.0%			8.0%		100%
Sonoma County Transportation Authority	2010, 2020		X		27.0%		38.0%	20.0%	17.0%			0.070		100%
Stanislaus Council of Governments	2020		X		27.0%		60.0%	7.0%	5.0%					100%
Tulare County Association of Governments	2010		×		50.0%		35.0%	5.7%	8.1%		0.5%		1.0%	100%
MTA, SANDAG, OCTA Not Included - Populations exceed 2.5 Million	2000		^		50.0%		33.0%	5.1%	0.1/0		0.3%		1.070	100%



Item IV: Review Future (2046) Transportation Projects/Programs Costs or Funding Needs By Mode



Measure T Renewal Plan Transportation Costs/Funding Needs By Mode



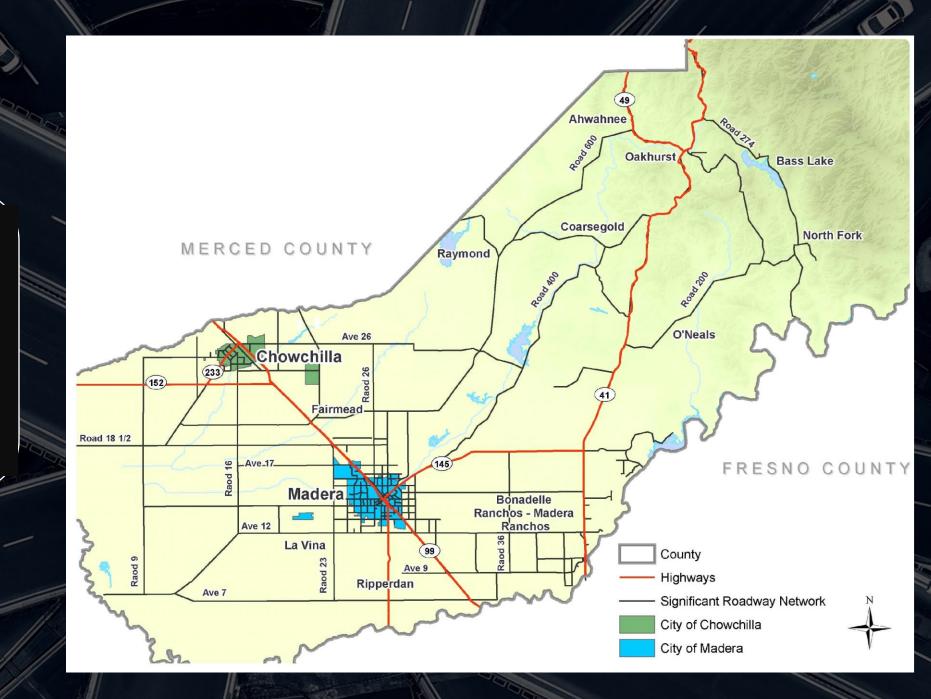
Measure T Renewal Plan

Transportation Costs/Funding Needs By Mode

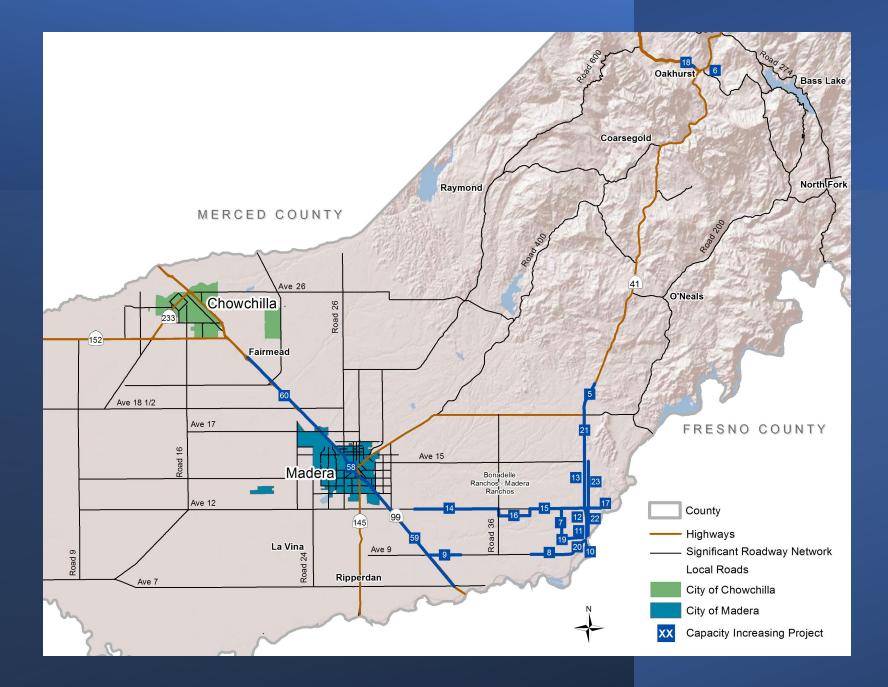
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Mode	Co	st/Funding Need
Aviation	\$	20,057,155
Active Transportation	\$	256,231,957
Fransit	\$	321,945,074
Maintenance	\$	729,629,946
Mobility Enhancement	\$	937,955,698
Operations	\$	448,088,989
Total:	\$	2,713,908,819
Available Funding:	\$	714,427,588
Funding Shortfall:	\$	1,999,481,231



Regionally Significant Road System



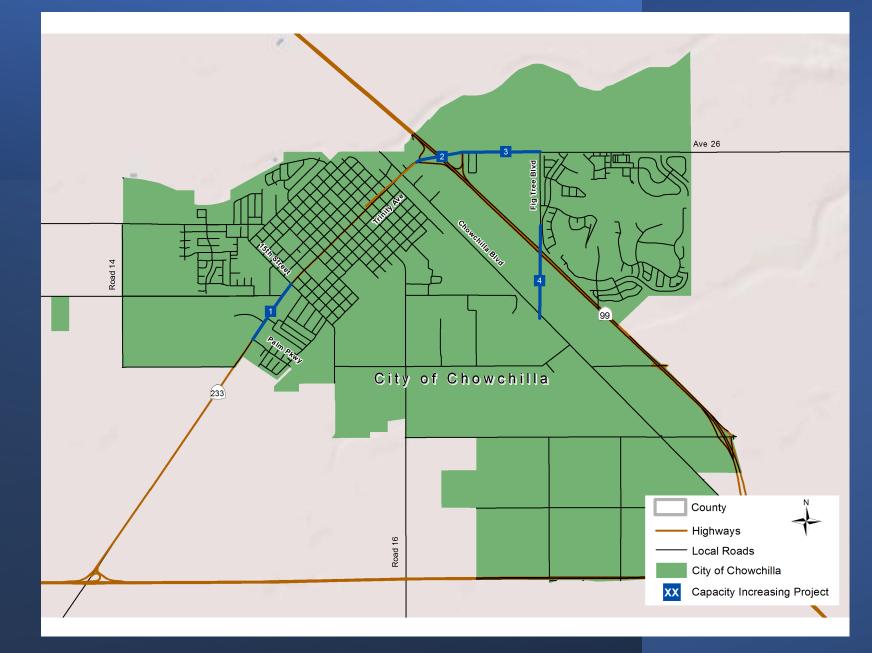
Madera County 2018 RTP/SCS Mobility Enhancement Projects – Madera County



Madera County 2018 RTP/SCS Mobility Enhancement Projects – City of Madera





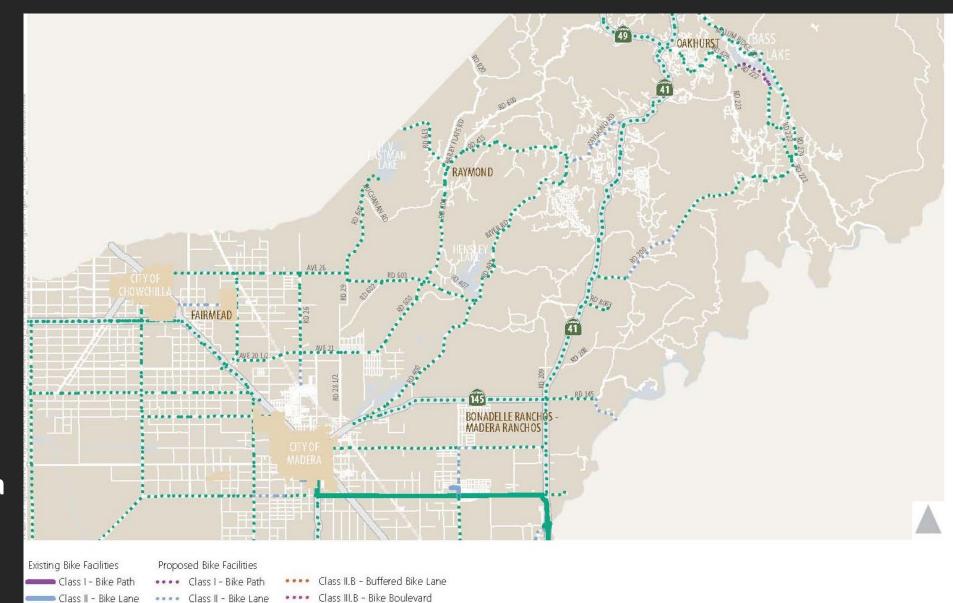


PROVIDER	FIXED- ROUTE	DEMAND- RESPONSE	DESCRIPTION
City of Madera: Madera Area Express (MAX) Madera Dial-A-Ride	Х	Х	City of Madera Madera Urbanized Area
City of Chowchilla: ✓ Chowchilla Area Transit Express (CATX)		Х	City of Chowchilla

COUNTY OF MADERA TRANSIT SERVICES							
TRANSIT SERVICE	ТҮРЕ	SERVICE AREA					
Madera County Connection (MCC)	Fixed-Route	Intra-Regional Areas					
		(City of Madera, Children's					
		Hospital, Madera Community					
		Colleges, Coarsegold, Oakhurst,					
		North Fork, Fairmead,					
		Chowchilla, La Vina, Ripperdar					
		Eastin Arcola)					
MCC Madera Dial-A-Ride	Demand-	Madera Urban &					
	Response	Unincorporated Areas					
MCC Chowchilla Dial-A-	Demand-	City of Chowchilla &					
Ride	Response	Unincorporated Areas					
Eastern Madera Senior Bus	Demand-	Eastern Madera Area (Oakhurst,					
	Response	Bass Lake, Ahwahnee,					
	Response	Coarsegold, Indian Lakes)					
Medical Escort Service		Inter-Regional Areas					
	Demand-	(Ahwahnee, Bass Lake,					
	Response	Coarsegold, Fresno, Madera,					
	Response	North Fork, Oakhurst,					
		Raymond)					

Madera County Public Transit Services

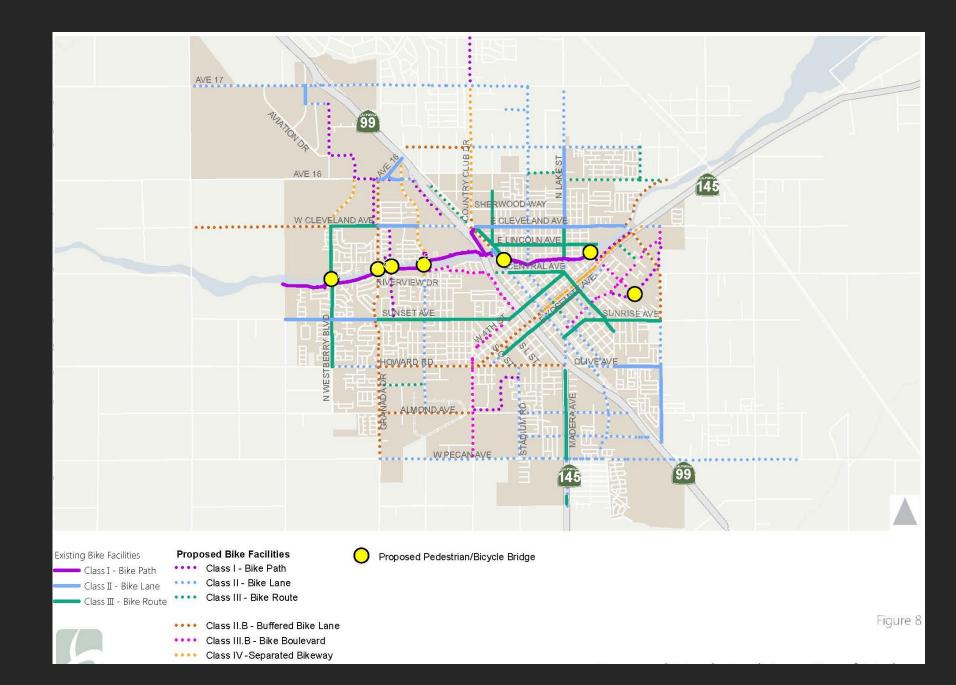
Madera County 2018 RTP/SCS Active Transportation Projects – Bike Facilities - Madera County



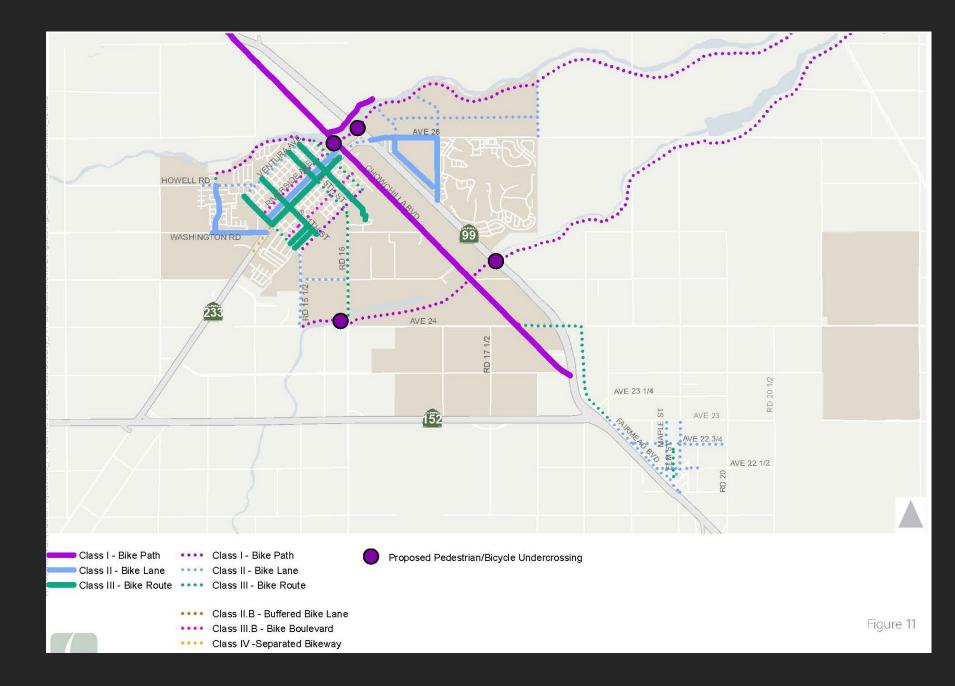
•••• Class III - Bike Route •••• Class IV -Separated Bikeway

Class III - Bike Route

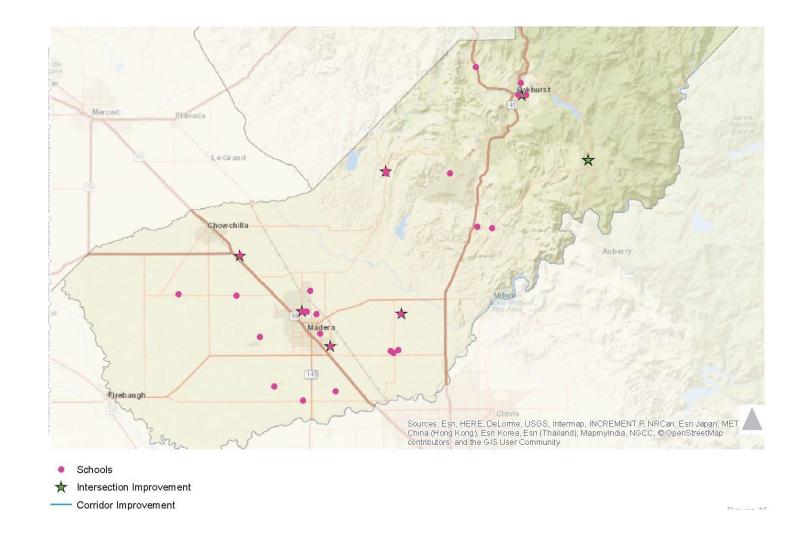
Madera County 2018 RTP/SCS Active Transportation Projects – Bike Facilities - City of Madera



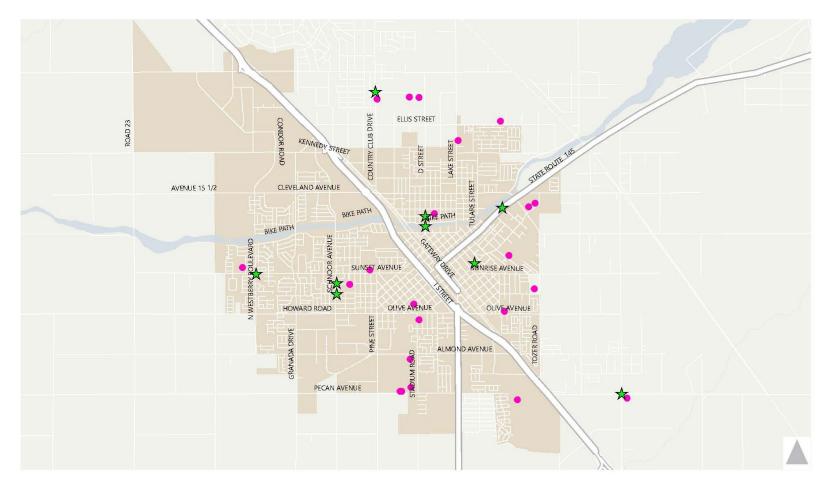
Madera County 2018 RTP/SCS Active Transportation Projects – Bike Facilities - City of Chowchilla



Madera County 2018 RTP/SCS Active Transportation Projects – Pedestrian Facilities Madera County



Madera County 2018 RTP/SCS Active Transportation Projects – Pedestrian Facilities – City of Madera



 \star Intersection Improvement

Schools

Madera County 2018 RTP/SCS Active **Transportation** Projects – Pedestrian **Facilities – City** of Chowchilla





MADERA COUNTY TRANSPORTATION AUTHORITY

Item VI: Discuss Steering Committee Member Priorities for Measure T Renewal



Discuss Steering Committee Member Priorities for Measure T Renewal a. Renewal Scheduleb. Preferred Meeting Day & TimeNext Meeting Date

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MADERA COUNTY TRANSPORTATION AUTHORITY

Item VIII: Next Steps

a. Staff Items
b. Renewal Schedule/Steering Committee Vacancies
c. Next Meeting Date – December 16, 2021

Staff Items

Measure T Renewal Plan - Revised 11/12/21

SC Meeting Agenda Items

Steering Committee Dates/Agenda Items										
				1/20/22	2/17/22					
9/23/2021	10/21/21	11/18/21	12/16/21	May Req. 2 Jan. Meetings	May Req. 2 Feb. Meetings	3/17/22	4/21/22			
			1. Review Funding							
1. Review Previous		1. Local Agency Modal	Shortfall Percentage by							
Measure A & Current	1. Review MCTC Funding	Needs Presentations -	Mode (Unfunded				I			
Measure T	Allocation/Disbursement	Local agencies have been	Projects/Programs from	1. Finalize MT3 Program	1. Finalize MT3 Funding	1. Finalize MT3 Plan	1. Review Draft MT3			
Plans/Programs	Process	informed	2022 RTP/SCS Process	Development	Allocations	Implementing Guidelines	Renewal Investment Plan			
							2. Recommend Approval			
	2. Review Current	2. Review Other Self			2. Discuss & Recommend		of MT3 Renewal			
2. Review Roles &	Funding Allocations by	Help County Measure	2. Initiate MT3 Program	2. Initiate MT3 Funding	Tier 1 & Tier 2 Regional	2. Public Engagement	Investment Plan to MCTA			
Responsibilities	Mode	Programs	Development	Allocations	Program Project Listings	Update	Board			
	3. Review Expected									
	Measure T Renewal	3. Review Future (2046)								
	Funding Proceeds - 20 &	Transportation			3. Initiate Development of					
3. Review SC Ground	30 Years or Until Ended by	Project/Program Costs or	3. Public Engagement	3. Public Engagement	MT3 Plan Implementing		3. Public Engagement			
Rules	Voters	Funding Need by Mode	Update	Update	Guidelines		Update			
		4. Discuss Remaining SC								
4. Review Initial Poll	4. Review Future (2046)	Member Priorities for MT			4. Public Engagement					
Results	Funding Availability	Renewal			Update					
	5. Lessons Learned									
	6. Discuss SC Member									
	Priorities for MT Renewal									
	7. Public Engagement									
	Update									

Next Meeting Date:

December 16, 2021

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MADERA COUNTY TRANSPORTATION AUTHORITY

Item IX: Public Comment

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MADERA COUNTY TRANSPORTATION AUTHORITY

Feel free to contact MCTA Staff for additional information:

- Patricia Taylor, Executive Director
- Ph: (559) 675-0721, Ext. 1
- Email: patricia@maderactc.org
- https://www.maderactc.org/measuret



Safer, Quicker, Better Transportation for Madera County