

2024/25 Measure T Update June 12, 2024











CITY'S NEW
PAVEMENT
MANAGEMENT
PROGRAM (PMP)

- The City has been working on obtaining and implementing a new Pavement Management Program (PMP).
- All City roads have been analyzed by the City's consultant and a report detailing the average Pavement Condition Index (PCI) has been delivered to the City
- Projects to rehabilitate streets were paused until the survey of all City streets was complete, with the data from the PMP in hand, projects will resume and modifications to projects will be made as needed, based on street PCI ratings

#### Updated PCI of Entire City Network

 Previous PMP Report indicated the Average PCI of Collector and Arterial in 2016 were 68.

 The Updated PMP Report indicated that the Average PCI of the Entire City Network including Residential/Local are shown in the following

table:

Network Summary Statistics					
	Total Centerline Miles	Total Lane Miles	PCI		
Arterial	81.17	163.59	66		
Collector	28.79	58.57	64		
Residential/Local	143.62	283.97	57		
Total	253.58	506.13	61*		

<sup>\*</sup>Average PCI of Arterial and Collectors in 2024 is 65 if it were to be compared to 2016 Average PCI

#### Sample Network PCI Report

#### Madera City - Network PCI Report



Street ID	Section ID	Road Name	Begin Location	End Location	Lanes	FC	ST	Length (ft)	Width (ft)	Area (sf)	PCI Date	PCI
AMERNEAV	0010	AMERINE AVE	HOWARD RD	W 4 TH STREET	2	R	AC	668	32	21,376	05/10/2024	47
AMERNEAV	0020	AMERINE AVE	W 4 TH STREET	W 3RD ST	2	R	AC	671	32	21,472	05/10/2024	45
AMYAVE	0010	AMY AVE	LACRETA AVE	KATHRYN AVE	2	R	AC	277	34	9,418	05/10/2024	81
ANGELFCT	0010	ANGEL FALLS CT	CAPISTRANO DR	N-END (CDS)	2	R	AC	203	34	6,902	05/10/2024	98
ANNAAVE	0010	ANNA AVE	KATHRYN AVE	CARMEN AVE	2	R	AC	265	34	9,010	05/10/2024	86
APLETRCT	0010	APPLE TREE CT	PEACH TREE DR	E-END (CDS)	2	R	AC	149	34	5,066	05/10/2024	81
APLETRDR	0010	APPLE TREE DR	CHERRY TREE DR	GRANADA DR	2	R	AC	551	34	18,734	05/10/2024	48
APPLECT	0010	APPLE CT	W-END (CDS)	HACIENDA ST	2	R	AC	341	34	11,594	05/10/2024	85
APPLEST	0010	APPLE ST	HACIENDA ST	PEAR ST	2	R	AC	237	34	8,058	05/10/2024	90
ARAMAVE	0010	ARAM AVE	CENTRAL AVE	RIVERVIEW DR	2	R	AC	561	34	19,074	05/10/2024	54
ARBELLLN	0010	ARBELLA LN	DUTRA WAY	JONATHAN WAY	2	R	AC	834	34	28,356	05/10/2024	57
ARDILADR	0010	ARDILLA DR	LOS CERRITOS WAY	KNOX ST	2	R	AC	509	36	18,324	05/10/2024	51
ARDILADR	0020	ARDILLA DR	KNOX ST	MARIPOSA ST	2	R	AC	637	36	22,932	05/10/2024	70
ARDILADR	0030	ARDILLA DR	MARIPOSA ST	BRIDGE WAY	2	R	AC	511	36	18,396	05/10/2024	77
ARIESCT	0010	ARIES CT	W-END (CDS)	GLENVILLE AVE	2	R	AC	237	34	8,058	05/10/2024	55
ARTHURCT	0010	ARTHUR CT	JEFFERSON AVE	N-END (CDS)	2	R	AC	280	34	9,520	05/10/2024	84
ASHBURY	0010	ASHBURY AVE	W-END (CDS)	GLADE AVE	2	R	AC	475	34	16,150	05/10/2024	60
ASHLANWY	0010	ASHLAN WAY	SONORA ST	NOREEN WAY	2	R	AC	751	36	27,036	05/10/2024	48
ASHLANWY	0020	ASHLAN WAY	NOREEN WAY	N D ST	2	R	AC	273	36	9,828	05/10/2024	51
ASHLANWY	0030	ASHLAN WAY	N D ST	AUSTIN ST	2	R	AC	1,010	36	36,360	05/10/2024	43
ASHLANWY	0040	ASHLAN WAY	AUSTIN ST	N LAKE ST	2	R	AC	1,024	36	36,864	05/10/2024	32
ASHLANWY	0050	ASHLAN WAY	N LAKE ST	FRESNO ST	2	R	AC	361	36	12,996	05/10/2024	54
ASHLANWY	0060	ASHLAN WAY	FRESNO ST	ROGERS ST	2	R	AC	336	36	12,096	05/10/2024	24
ASLOMRDR	0010	ASILOMAR DR	HOWARD RD	SEASIDE DR	2	R	AC	430	34	14,620	05/10/2024	36
ASLOMRDR	0020	ASILOMAR DR	SEASIDE DR	POINT SUR DR	2	R	AC	750	34	25,500	05/10/2024	41
ASPENLN	0010	ASPEN LN	CLEVELAND AVENUE	GRAPEWOOD WAY	2	R	AC	733	34	24,922	05/10/2024	41
ASPENLN	0020	ASPEN LN	GRAPEWOOD WAY	FOXGLOVE WAY	2	R	AC	601	34	20,434	05/10/2024	54
ASTICT	0010	ASTI COURT	LUCIA WAY	E-END (CDS)	2	R	AC	201	36	7,236	05/10/2024	38
ASTIWAY	0010	ASTI WAY	NOREEN WAY	N D ST	2	R	AC	268	36	9,648	05/10/2024	70
AUSTINST	0010	AUSTIN ST	RIVERSIDE DR.	E LINCOLN AVE	2	R	AC	880	36	31,680	05/10/2024	61
AUSTINST	0020	AUSTIN ST	E LINCOLN AVE	CLEVELAND AVENUE	2	R	AC	1,015	36	36,540	05/10/2024	79
AUSTINST	0030	AUSTIN ST	CLEVELAND AVENUE	SHERWOOD WAY	2	R	AC	1,012	36	36,432	05/10/2024	37
AUSTINST	0040	AUSTIN ST	SHERWOOD WAY	CLARK ST	2	R	AC	1,015	36	36,540	05/10/2024	35
AUSTINST	0050	AUSTIN ST	CLARK ST	ADELL ST	2	R	AC	1,018	36	36,648	05/10/2024	85
AUTUMNRD	0010	AUTUMN RD	HOWARD RD	WINTER WAY	2	R	AC	595	34	20,230	05/10/2024	39
AUTUMNRD	0020	AUTUMN RD	WINTER WAY	WESTGATE DR	2	R	AC	571	34	19,414	05/10/2024	38
AUTUMNRD	0040	AUTUMN RD	WILLOW DR	NATIONAL AVE	2	R	AC	598	34	20,332	05/10/2024	59
AUTUMNRD	0050	AUTUMN RD	NATIONAL AVE	N AUTUMN CT	2	R	AC	440	34	14,960	05/10/2024	46
AVALONAV	0010	AVALON AVE	KENT DR	ZAK WAY	2	R	AC	686	34	23,324	05/10/2024	92
AVE12_1/2	010	Avenue 12 1/2	Pecan Ln (W END)	Road 29	2	С	AC	2,247	31	69,657	05/10/2024	36
AVE12_1/2	020	Avenue 12 1/2	Road 29	END OF PVMT	2	С	AC	1,715	18	30,870	05/10/2024	75
AVE13	010	Avenue 13	Westberry align"nt(2534" E/O R	Granada Dr	2	Α	AC	2,821	26	73,346	05/10/2024	41
AVE13	012	Avenue 13	ROAD 28 1/4	TOZER ST (ROAD 28)	2	Α	AC	1,657	27	44,739	05/10/2024	31

Functional Class (FC): Arterial (A). Collector (C), Residential/Local (R) Surface Type (ST): Asphalt Concrete (AC)

Page 2 of 43 May 2024

FY 2024/25 COMMUTE CORRIDORS/FARM TO MARKET

# Funding for Regional Routes Collectors Arterials

#### R-10 Olive Avenue Widening

- Measure T .....\$ 4,076,328
- RSTP.....\$ 1,525,000
- LTF.....\$ 996,672
- Dev Impact Fee.....\$500,000
- PG&E undergrounding complete, AT&T nearing completion, UPRR approved new meter pedestal for signal house
- Phase III for construction James Taubert Park is currently out to bid

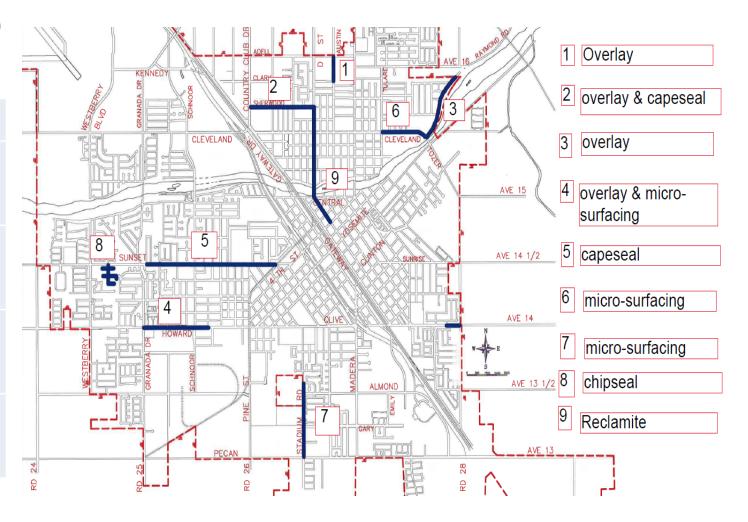


#### R-79 RMRA Seals/Overlays 21/22

Measure T .....\$ 1,075,000

• RMRA.....\$ 1,185,000

ltem	Qty
New ADA ramp w/	
Truncated Domes	10 EA
Roadway Cape Seal	45,500
Application	Sq Ft
Roadway Micro	48,200
Surfacing, Type III	Sq Ft
Roadway, Reclamite	26,800
Application	Sq Yd



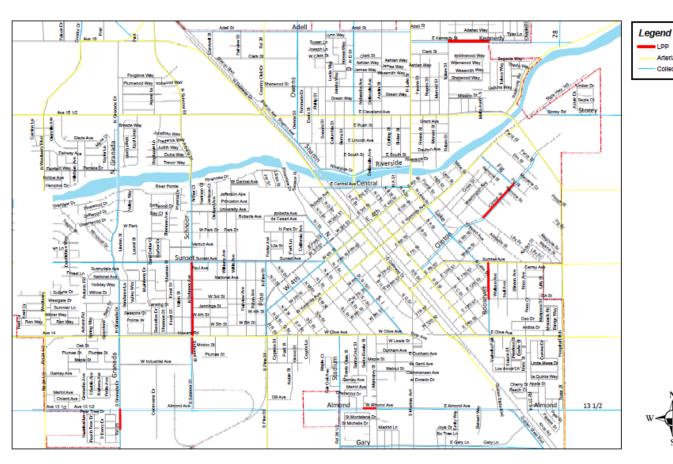
Project delayed while

awaiting results from PMP process

#### R-81 City Streets 3R & ADA Project 22/23

- Measure T ...... \$ 750,000
- LPP .....\$ 334,000
- CRRSAA .....\$ 303,000

- 2.5 Lane Miles of Resurfaced Roadway
- Project delayed while awaiting results from PMP process





#### R-87 Almond/Pine/Stadium Traffic Study

• Measure T .....\$ 83,950

Traffic study to analyze the impacts of constructing an extension of Almond Ave from Pine Street to Stadium for the following segments:

- Stadium Road from Pecan Avenue to Olive Avenue
- Pecan Ave from Stadium Road to Pine Street
- Pine Street from Pecan to Olive Avenue
- Consultant has sent draft study for review, final study is nearing completion

#### TS-32 D Street/South Street Traffic Signal

- Measure T .....\$ 74,758
- CMAQ .....\$ 308,992
- LTF ...... \$229,500
- Traffic signal project designed to improve traffic flow at congested four-way stop sign
- Project needs to be re-bid, bids received were too costly



FY 2024/25 SAFE ROUTES TO SCHOOLS AND JOBS

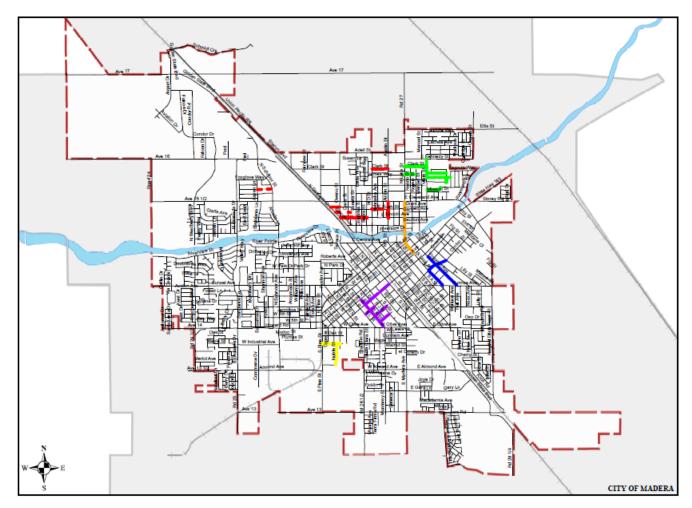
#### Funding for:

- Maintenance and Rehab
- Flexible Funding for ALL transportation purposes
- ADA

#### R-80 RMRA Seals/Overlays 22/23

- Measure T ......\$ 1,000,000
- RMRA .....\$ 1,050,000

- Approximately 2.9 Lane Miles of resurfaced roadway
- Project delayed while awaiting results from PMP process



#### Street Chip Seals, Patching & Maintenance

- Patching/Street Maintenance \$575,000
- Measure T comprises 40% of annual streets department budget







#### R-99 – Citywide Street Project \$2,400,000

• Measure T ...... \$ 2,400,000

- A list of tentative locations has been drafted, but not yet finalized
- Design FY 2023/24
- Construction FY 2024/25



## SD-21 - Howard Rd Storm Drain Improvements for Design

- Measure T .....\$ 400,000
- Storm Drain Fund ......\$ 270,000

- Will install approximately 10,600 linear feet of storm drain pipeline, associated manholes, and storm water inlets/outlets
- Will be installed along Howard Ave, Granada, Ave & West Almond Ave
- Will alleviate flooding issues that occur along Howard Ave



#### ADA Improvements

 R-58 – Construction of sidewalks on Schnoor Ave from Sunset to Riverside

 R-93 – Installation of sidewalks and ADA compliant corner ramps at Washington Elementary School



FY 2024/25 Environmental Enhancement



- ALY-04 Paving various alley locations in NW of city
- ALY-05 Paving various alley locations in SW of city
- ALY-06 Paving various alley locations in NE of city
- R-58 Construction of sidewalks on Schnoor Ave from Sunset to Riverside
- R-93 Installation of sidewalks and ADA compliant corner ramps at Washington Elementary School

FY 2024/25 Transit Enhancement



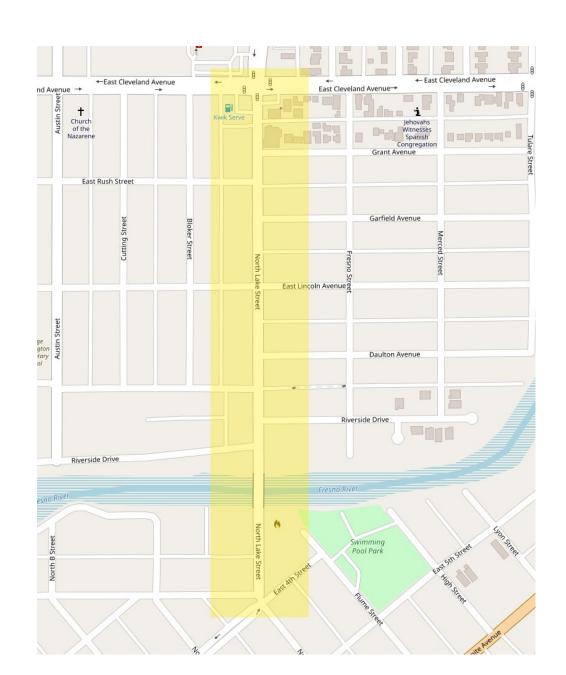
- TRANS-12 Bus shelter relocation project
  - Bus shelters will be relocated with the implementation of revised transit routes
  - Shelters at discontinued stops will be relocated to stops that are still in service

Future FY Projects

The following projects are currently planned for upcoming Fiscal Years

#### R-46 – Lake St Widening

- Lake Street will be widened from Fourth Street to Cleveland Ave
- Design FY 25/26
- Utility undergrounding FY 26/27
- Construction FY 27/28



#### R-50 – Pine St Reconstruction

- Pine St to be widened from Howard Rd to Fourth St
- Design FY 25/26
- Construction 26/27



### R-54 – Cleveland Ave Widening

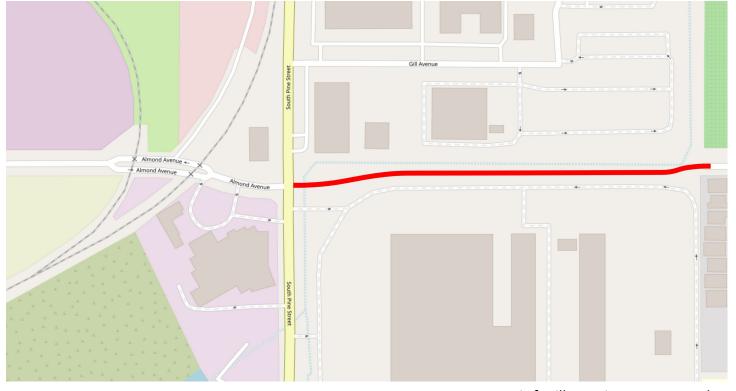
- Widen Cleveland Ave from Schnoor St to SR-99
- Design FY 25/26
- Construction FY 27/28



R-82 – Almond Ave Extension, Pine St to

Stadium, Rd

- Will extend Almond Avenue West, filling the gap between Pine Street and Stadium Road
- Traffic studies are currently being done for this project



Route is for illustrative purposes only

#### Questions?

