## Roads Program Community Meeting

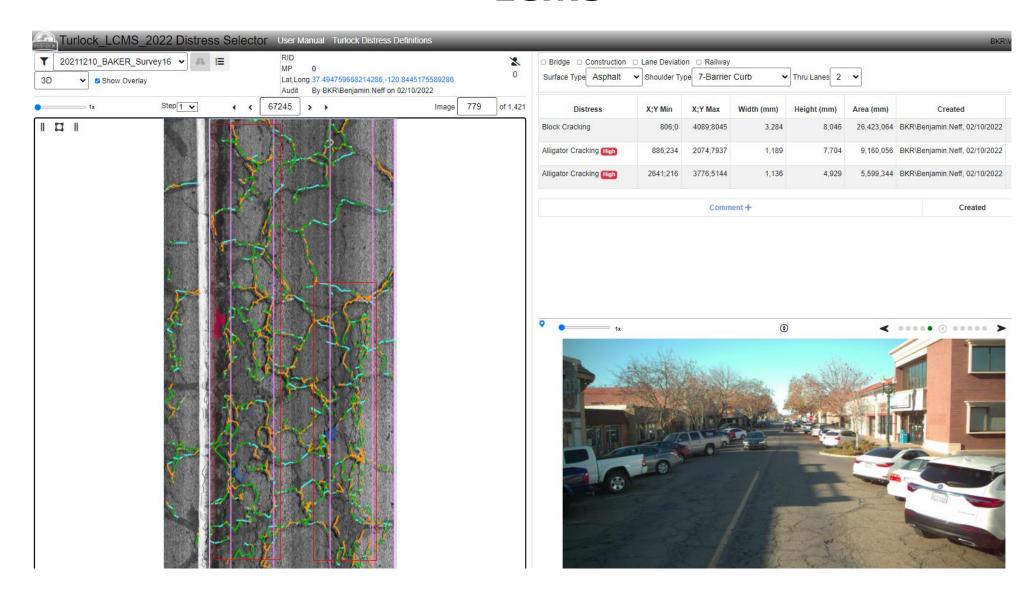
- Welcome, Introduction & Purpose of the Meeting
- Overview of the Roads Program
- Funding for the Roads Program
- Comment/Question Cards

- In 2017, Stanislaus County passed Measure L, a ½ cent sales tax measure specifically for rehabilitation of roads.
- In November 2020, City of Turlock residents passed Measure A, a ¾ cent sales tax measure for general City services.
- In Spring of 2021, Mayor Bublak announced the Roads Program Initiative.

## Presented to City Council on September 13, 2022

- City hired a consultant to evaluate the existing condition of the roads and update the StreetSaver database.
- A series of data collection was conducted to measure the pavement distress to determine which roads need the most attention. Findings were included in the Pavement Management Report.
  - LiDAR (Light Detection and Ranging)
  - LCMS (Laser Crack Measurement System)
- PCI = Pavement Condition Index (0-100)
  - Grades the overall health of a street's pavement.
  - 80 or higher means "State of Good Repair."

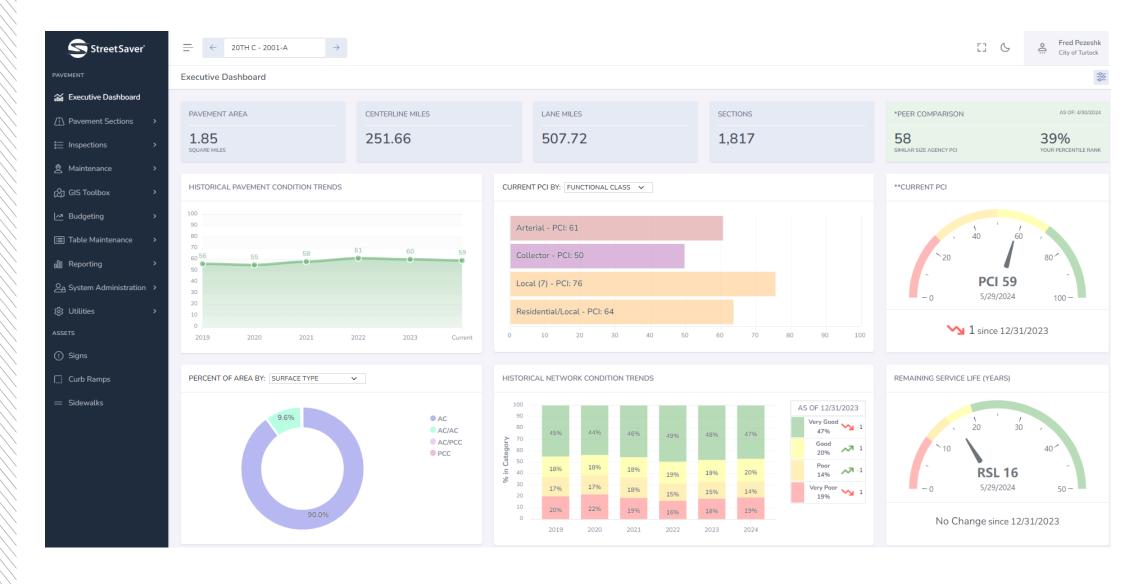
#### **LCMS**



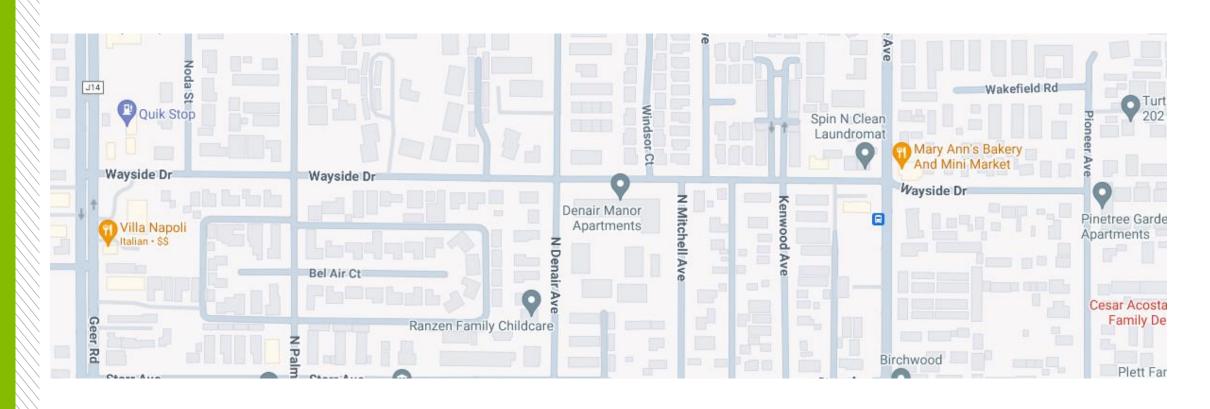
## City Project No. 22-001 - 15 Streets Project

Streets	From	То	Length (Feet)
Wayside Drive	Geer Rd.	Pioneer Ave.	3,251.00
Fosberg Road	E. Monte Vista Ave.	E. Christoffersen Pkwy.	2,677.00
Delbon Avenue	N. Olive Ave.	Colorado Ave.	1,296.00
20th Century Blvd.	Geer Rd.	N. Golden State Blvd.	2,442.00
Flower Street	N. Soderquist Rd.	N. 1st St.	3,693.00
N. Orange Street	W. Main St.	Flower St.	1,053.00
Spruce Street	South Ave.	High St.	1,818.00
Locust Street	Vermont Ave.	W. Main St.	1,709.00
Mira Flores Drive	El Paseo Dr.	Murphy Dr.	2,849.00
Corello Street	Marlee Dr.	Sierra Vista Dr.	1,608.00
Old Vineyard Road	E. Marshall St.	E. Canal Dr.	1,312.00
Julian Street	N. Soderquist Rd.	N. 1st St.	2,981.00
Park Street	N. Soderquist Rd.	N. 1st St.	3,445.00
East Avenue	S. Golden State Blvd.	S. Daubenberger Rd.	5,967.00
Carrigan St.	N. Johnson Rd.	N. Quincy Rd.	974.00
		Total in Feet	37,075.00
		Total in Miles	7.02

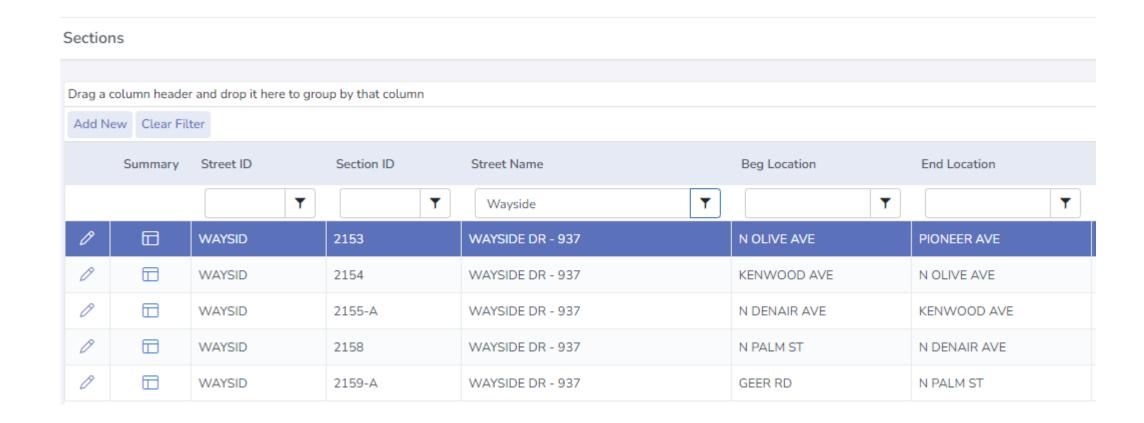
#### **StreetSaver**



### **Wayside Drive**



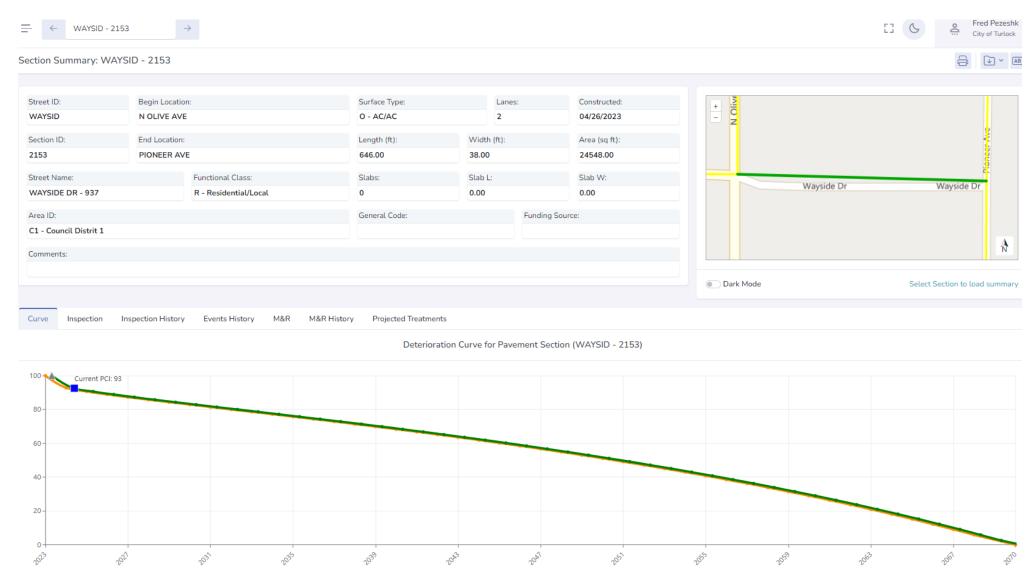
#### **Wayside Drive**



## **Wayside Drive**

<b>Street Name</b>	From	То	PCI	Length (ft)	Width (ft)	Area (sq ft)	PCI (Treated)
Wayside Dr.	N. Olive Rd.	Pioneer Ave.	33	646.00	38.00	24,548.00	100
	Kenwood Ave.	N. Olive Rd.	3	338.00	38.00	12,844.00	100
	N. Denair Ave.	Kenwood Ave.	0	761.00	38.00	28,918.00	100
	N. Palm St.	N. Denair Ave.	0	866.00	38.00	32,908.00	100
	Geer Rd.	N. Palm St.	2	640.00	38.00	23,040.00	100

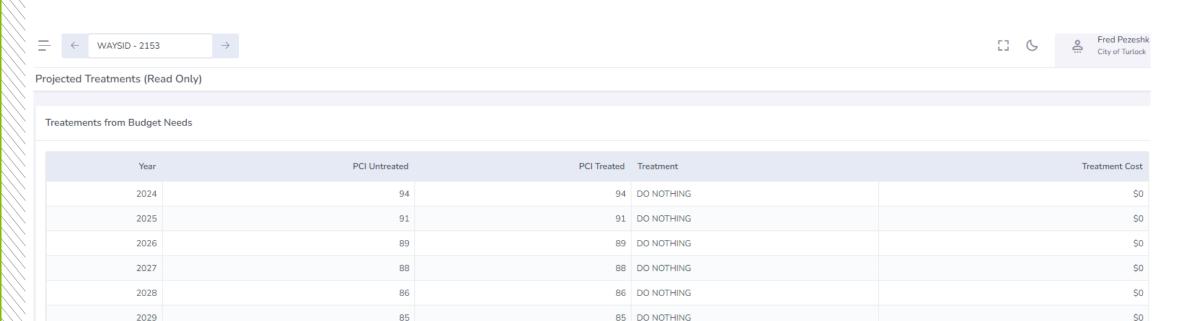
## **Wayside Drive**Pavement Section Data



## **Wayside Drive**Pavement Section Data



## **Wayside Drive Projected Treatments**



90 SLURRY SEAL

89 DO NOTHING

\$29,241

83

2030

2031

# Wayside Drive Projected Treatments



#### Projected Treatments (Read Only)

#### Treatements from Budget Needs

Year	PCI Untreated	PCI Treated	Treatment
2024	94	94	DO NOTHING
2025	91	91	DO NOTHING
2026	89	89	DO NOTHING
2027	88	88	DO NOTHING
2028	86	86	DO NOTHING
2029	85	85	DO NOTHING
2030	83	90	SLURRY SEAL
2031	82	89	DO NOTHING

### **Selection Approach**

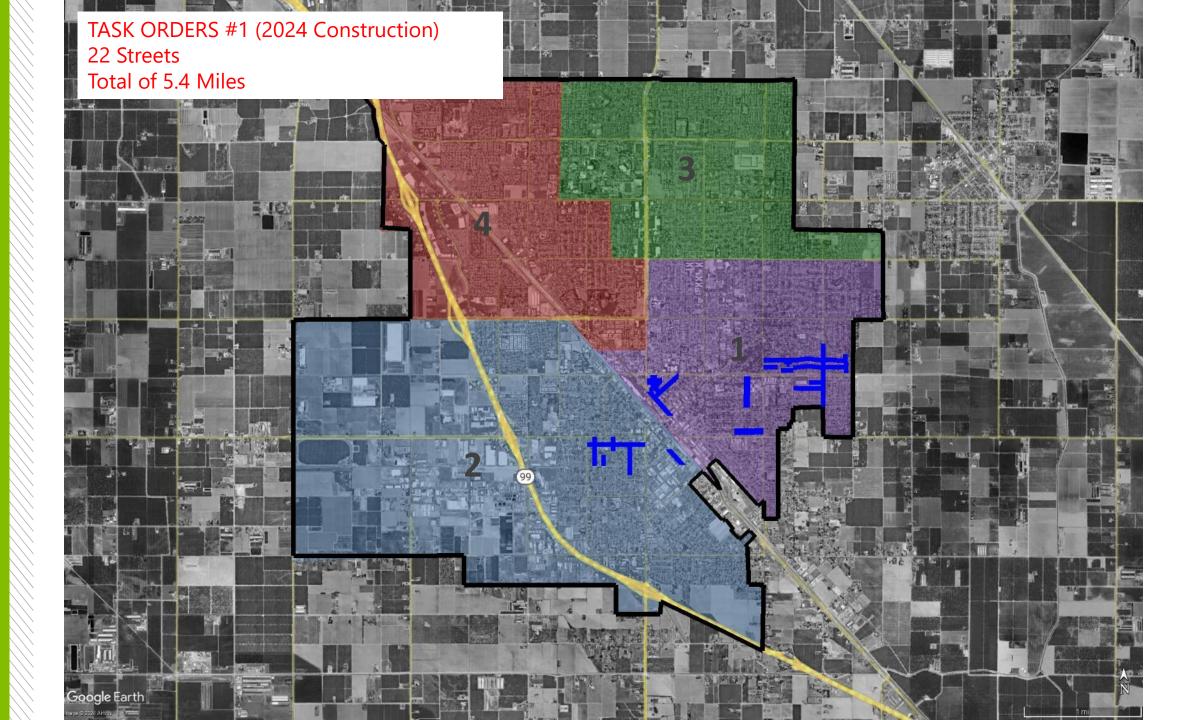
- Per Council's direction, "residential" streets in Districts 1 & 2 are prioritized.
- PCI for each section along each street (Entire length except for previous construction, County islands, ROW issues, etc.)
- PCI for adjacent streets
- Potential for bundling as one bid package
- Impact on residents and businesses
- Drive streets for ride quality
- Walk streets to closely inspect and evaluate rehabilitation needs
- Curb & Gutter, Drainage improvements and Impacts on Driveways and Sidewalks, Tree Roots, ADA Curb Ramps, ROW Constraints, Encroachments on Public ROW, General Plan and Active Transportation Plan requirements, etc.
- Coordination with Municipal Services Department for underground work ahead of road work
- Consideration of future projects in the same area
- Goal is to select streets based on overall condition, bundle as a bid package, minimize impact on residents and businesses

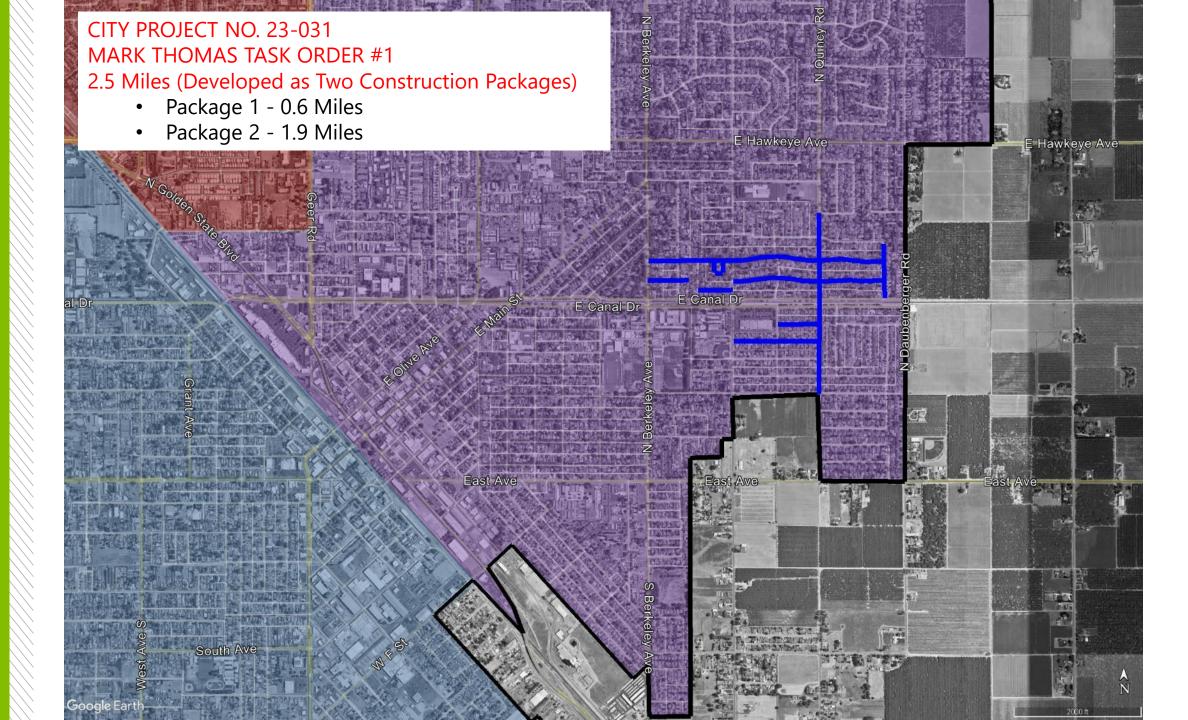
#### MASTER AGREEMENTS FOR DESIGN SERVICES

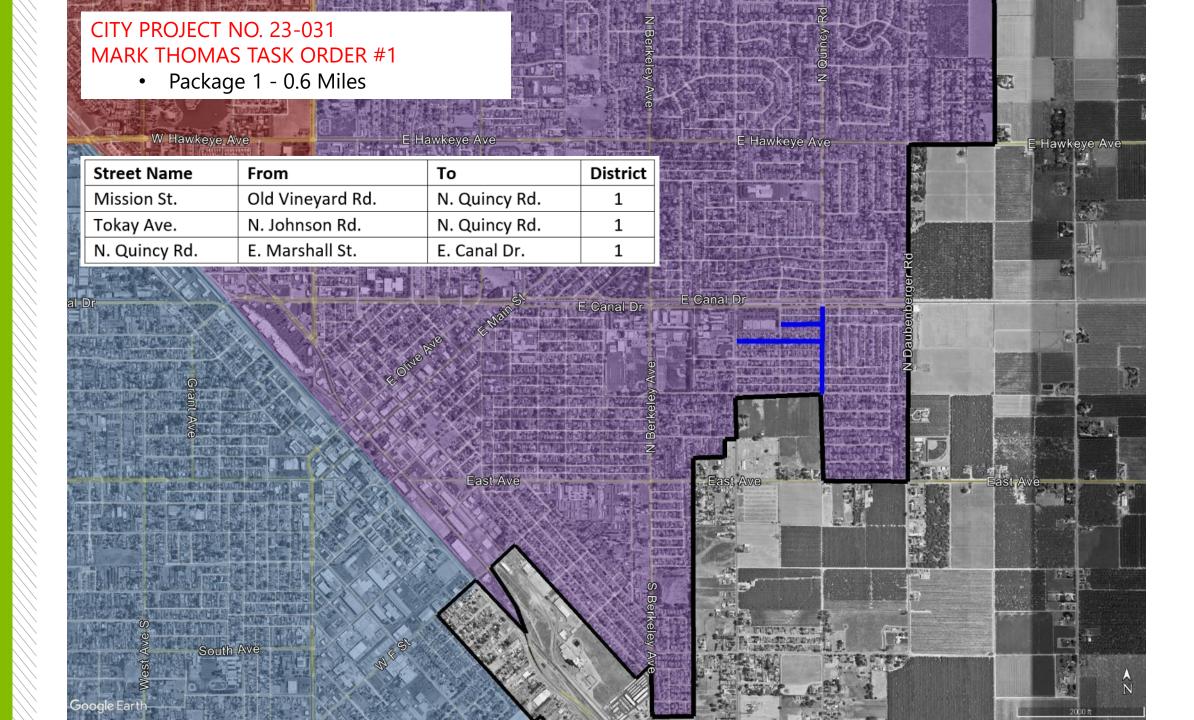
- Mark Thomas & Company, Inc.
- Provost & Pritchard Consulting Group
- Siegfried Engineering, Inc.

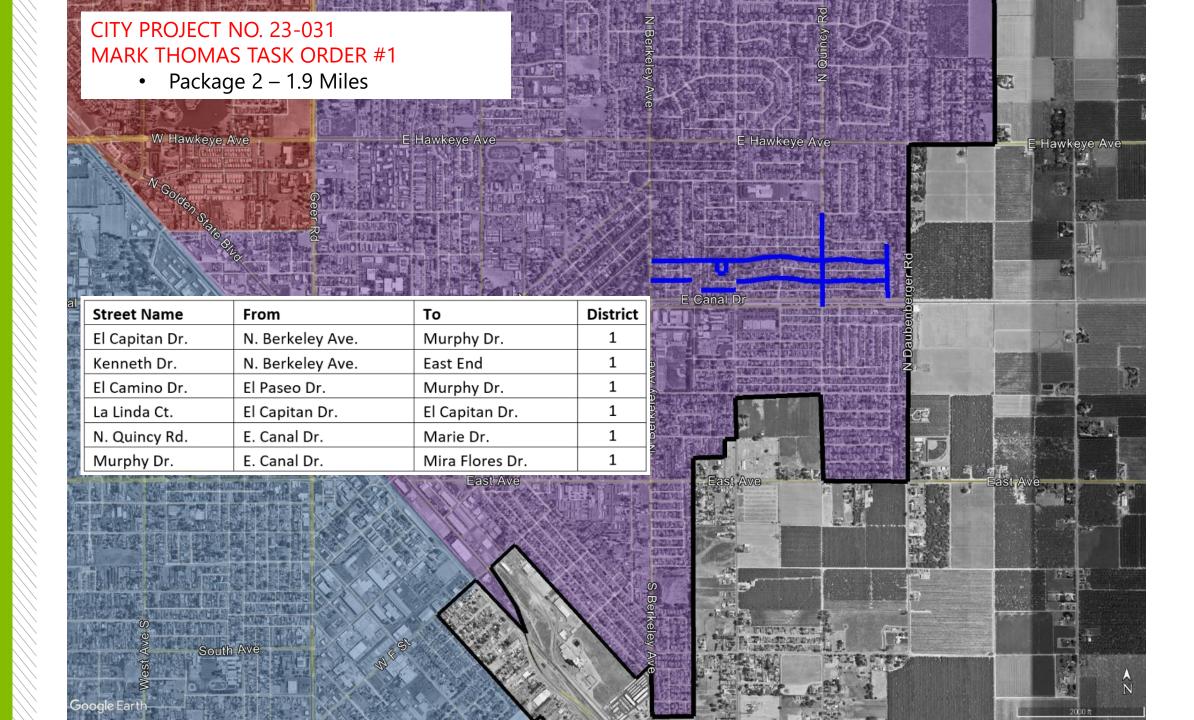
APPROVED ON 4/25/2023

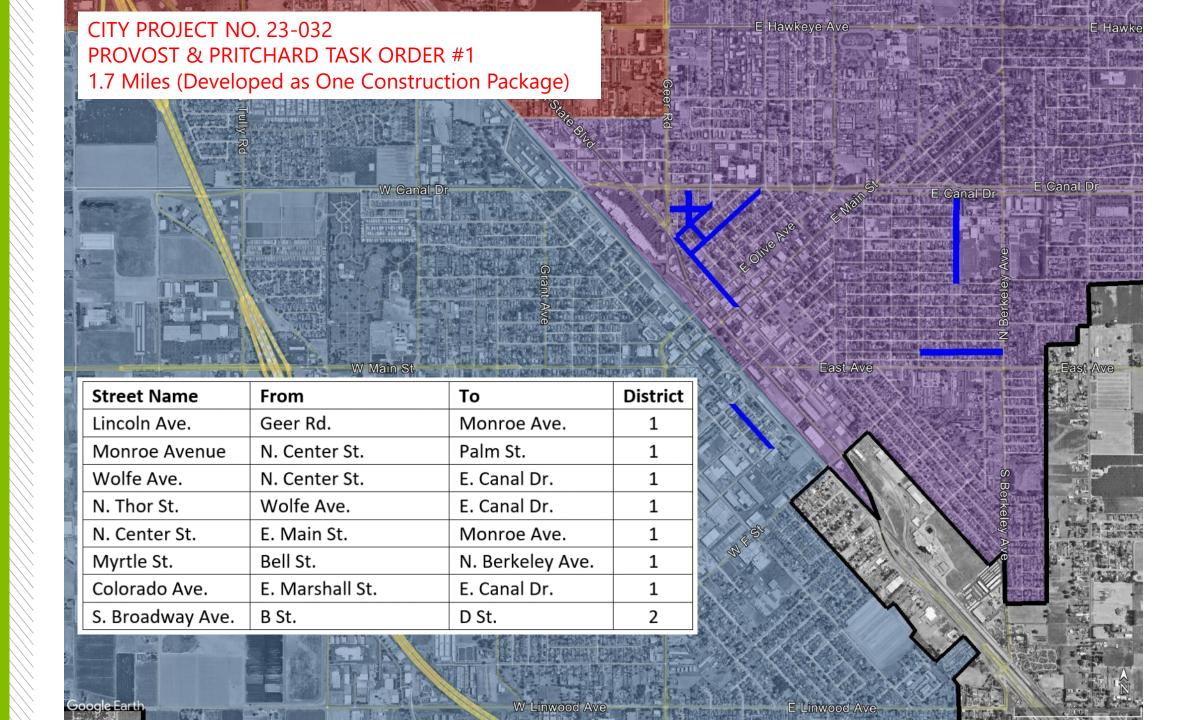
# THREE (3) DESIGN TASK ORDERS APPROVED ON 4/25/2023

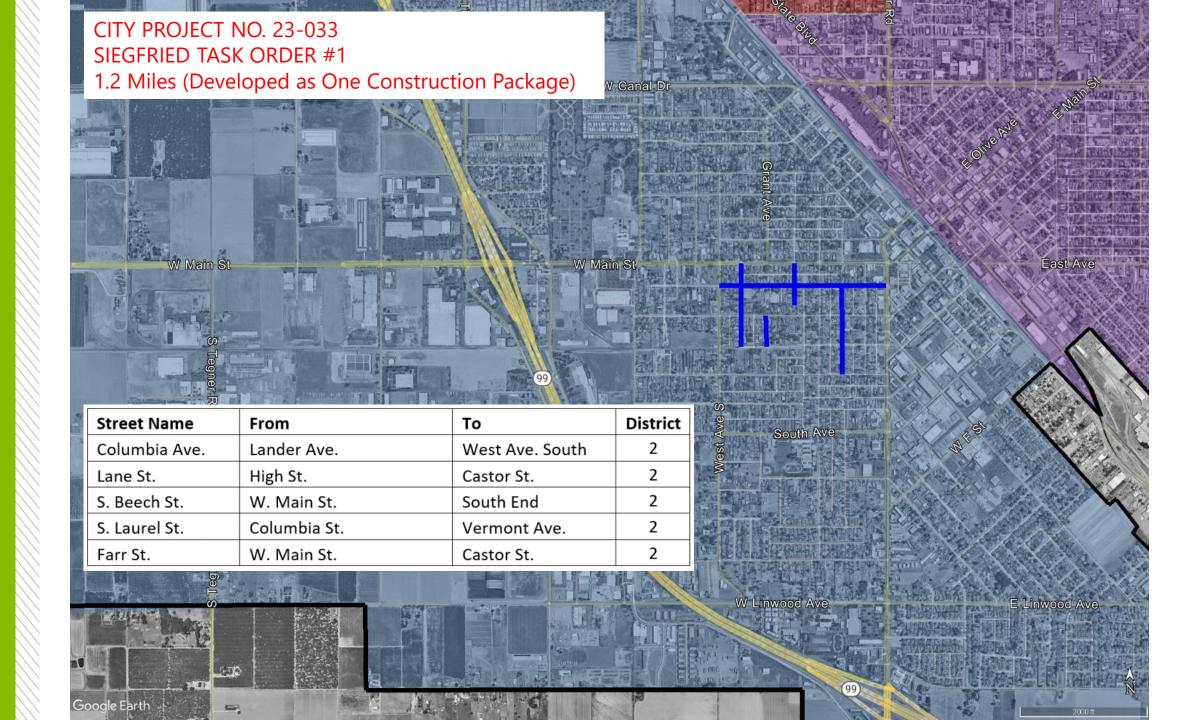












Bid Package	Advertisement Date	Bid Opening Date	Lowest Responsible, Responsive Bidder	Bid Amount	Engineer's Estimate	Difference
23-031 (1)	April 2, 2024	May 1, 2024	United Pavement Maintenance, Inc.	\$ 1,314,374.00	\$ 1,703,650.00	\$ (389,276.00)
23-031 (2)	April 4, 2024	May 3, 2024	George Reed, Inc.	\$ 3,532,407.00	\$ 5,067,815.00	\$ (1,535,408.00)
23-033	April 8, 2024	May 6, 2024	George Reed, Inc.	\$ 2,927,141.00	\$ 4,294,904.00	\$ (1,367,763.00)
23-032	April 10, 2024	May 8, 2024	United Pavement Maintenance, Inc.	\$ 4,408,821.45	\$ 5,776,683.00	\$ (1,367,861.55)
			TOTALS	\$12,182,743.45	\$16,843,052.00	\$ (4,660,308.55)

## FOUR (4) AWARDS OF BID ON 5/14/2024

- United Pavement Maintenance, Inc. City Project No. 23-031,
   Bid Package 1
- George Reed, Inc. City Project No. 23-031, Bid Package 2
- George Reed, Inc. City Project No. 23-033
- United Pavement Maintenance, Inc. City Project No. 23-032

# MASTER AGREEMENTS FOR CONSTRUCTION MANAGEMENT & INSPECTION SERVICES

- CCME, Inc.
- Mark Thomas & Company, Inc.
- NV5, Inc.

**APPROVED ON 2/27/2024** 

# FOUR (4) CONSTRUCTION MANAGEMENT & INSPECTION (CM) TASK ORDERS FOR

- "PRE-CONSTRUCTION" SERVICES APPROVED ON 2/27/2024
- "CONSTRUCTION MANAGEMENT AND INSPECTION" AND "POST-CONSTRUCTION" SERVICES APPROVED ON 5/14/2024

#### CCME CM TO #1 (Mark Thomas Design TO #1 - Package 1)

/	Street Name	From	То	District
\	Mission St.	Old Vineyard Rd.	N. Quincy Rd.	1
/	Tokay Ave.	N. Johnson Rd.	N. Quincy Rd.	1
/	N. Quincy Rd.	E. Marshall St.	E. Canal Dr.	1

#### NV5 CM TO #1 (Mark Thomas Design TO #1 - Package 2)

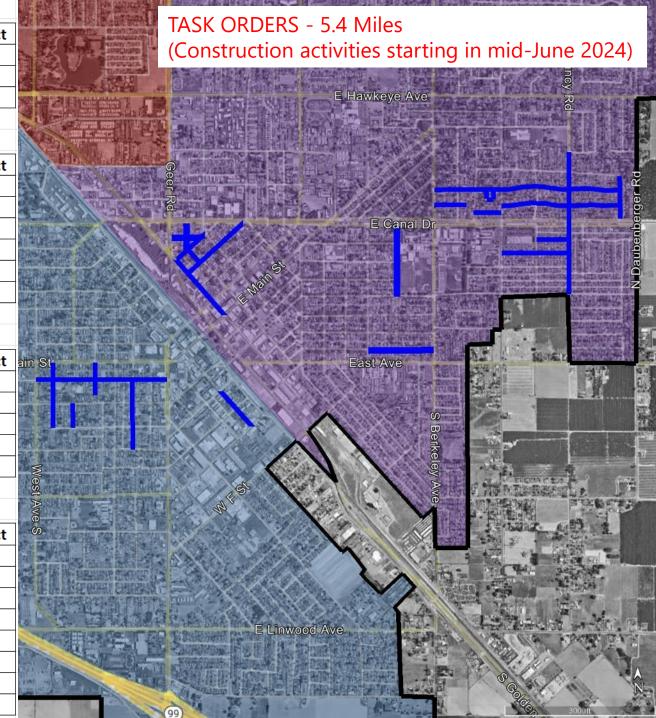
Street Name	From	То	District
El Capitan Dr.	N. Berkeley Ave.	Murphy Dr.	1
Kenneth Dr.	N. Berkeley Ave.	East End	1
El Camino Dr.	El Paseo Dr.	Murphy Dr.	1
La Linda Ct.	El Capitan Dr.	El Capitan Dr.	1
N. Quincy Rd.	E. Canal Dr.	Marie Dr.	1
Murphy Dr.	E. Canal Dr.	Mira Flores Dr.	1
\			

#### NV5 CM TO #2 (Siegfried Design TO #1)

/	Street Name	From	То	District
/	Columbia Ave.	Lander Ave.	West Ave. South	2
/	Lane St.	High St.	Castor St.	2
/	S. Beech St.	W. Main St.	South End	2
/	S. Laurel St.	Columbia St.	Vermont Ave.	2
/	Farr St.	W. Main St.	Castor St.	2

#### Mark Thomas CM TO #1 (Provost & Pritchard Design TO #1)

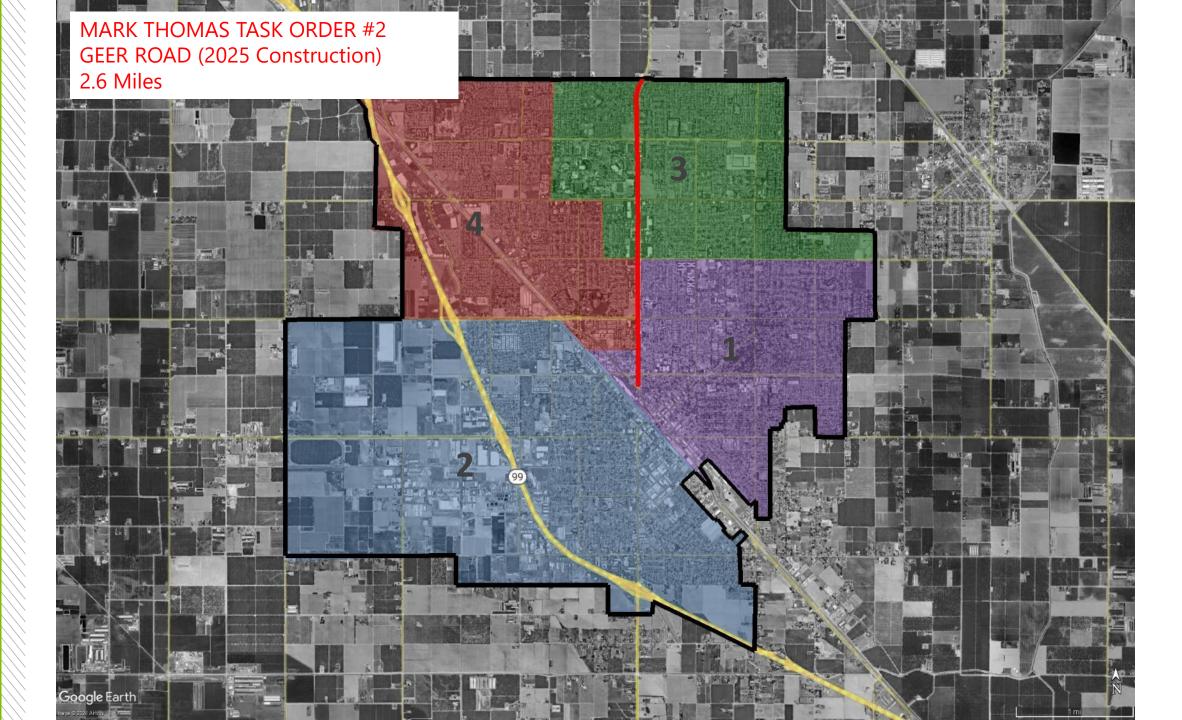
Street Name	From	То	District
Lincoln Ave.	Geer Rd.	Monroe Ave.	1
Monroe Avenue	N. Center St.	Palm St.	1
Wolfe Ave.	N. Center St.	E. Canal Dr.	1
N. Thor St.	Wolfe Ave.	E. Canal Dr.	1
N. Center St.	E. Main St.	Monroe Ave.	1
Myrtle St.	Bell St.	N. Berkeley Ave.	1
Colorado Ave.	E. Marshall St.	E. Canal Dr.	1
S. Broadway Ave.	B St.	D St.	2



# GEER ROAD CORRIDOR REHABILITATION City Project No. 23-052

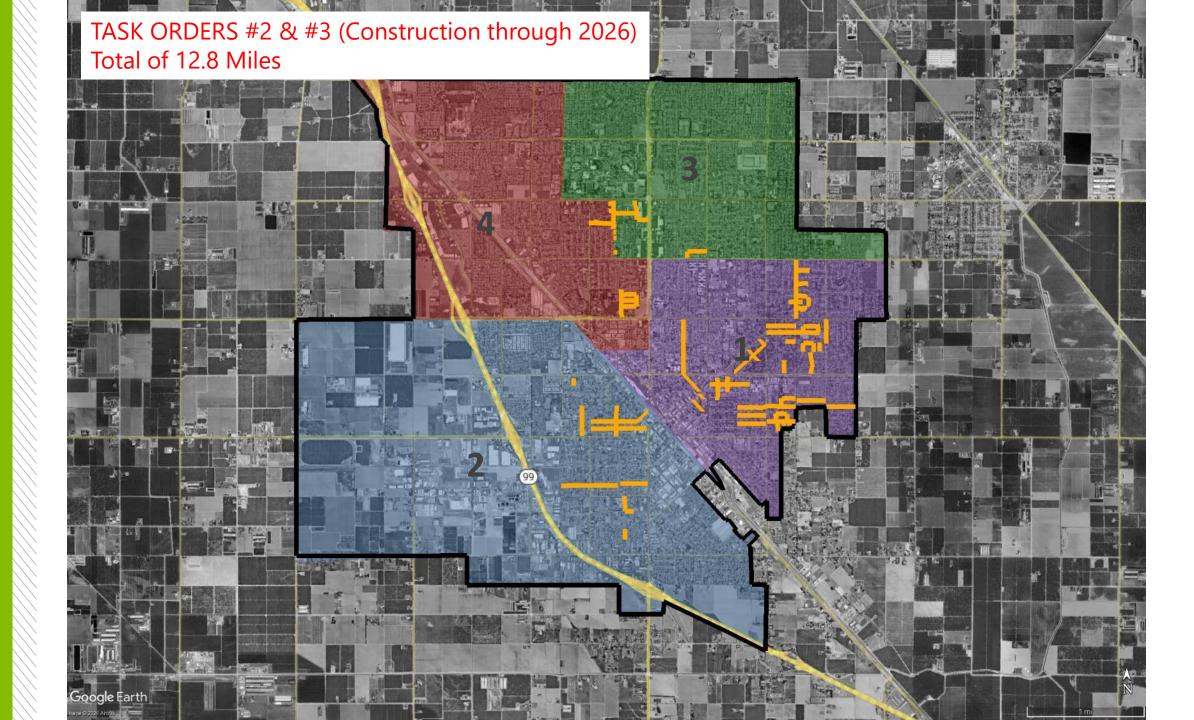
- Design Task Order (30% Design) Approved on 8/22/2023
  - Public Information Meeting held on 4/17/2024
  - City Council presentation made on 5/28/2024

Design Task Order (Final Design) - UPCOMING

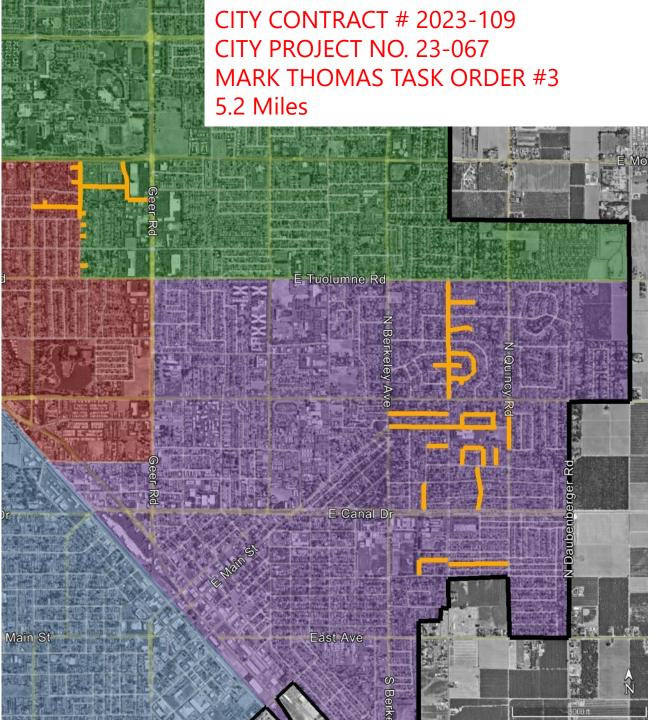


## THREE (3) DESIGN TASK ORDERS

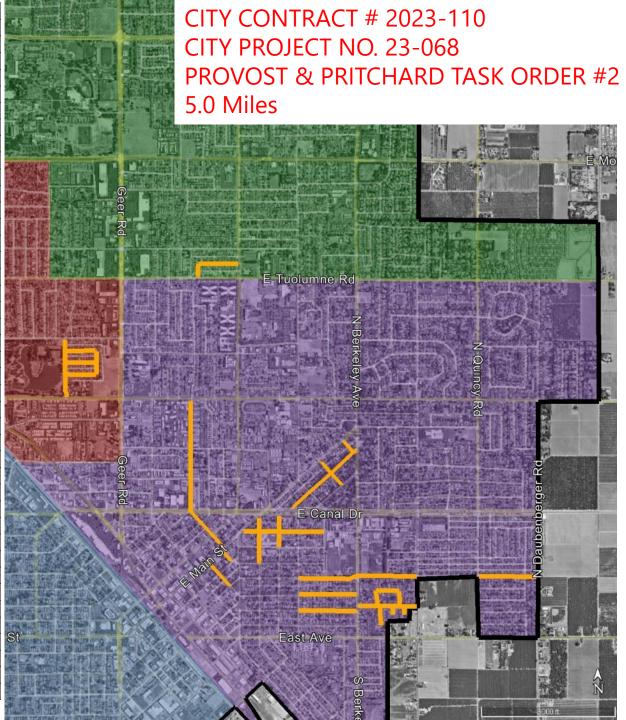
APPROVED 2/27/2024

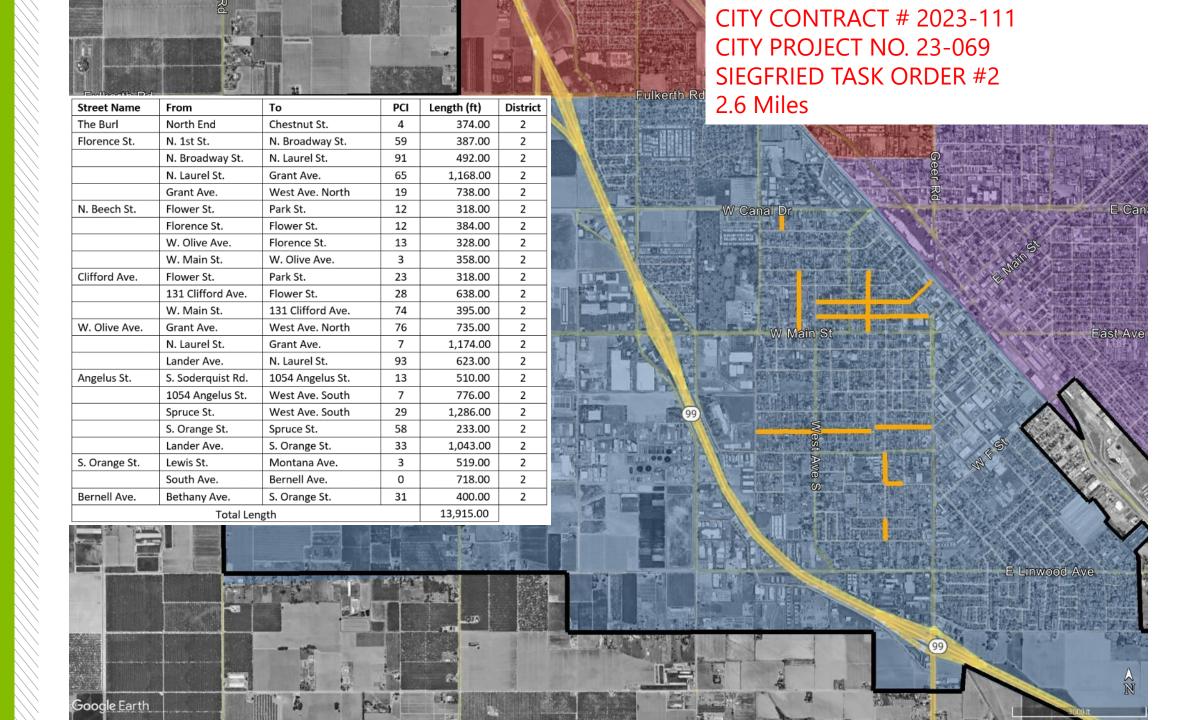


Street Name	From	То	PCI	Length (ft)	District
N. Johnson Rd.	E. Hawkeye Ave.	Hammond Dr.	5	433.00	1
	Hammond Dr.	Sconyers Ct.	28	1,092.00	1
	Sconyers Ct.	E. Tuolumne Ave.	37	1,112.00	1
Hammond Dr.	N. Johnson Rd.	1740 Hammond Dr.	0	570.00	1
	1740 Hammond Dr.	N. Johnson Rd.	71	878.00	1
Stuart Pl.	South End	Hammond Dr.	13	154.00	1
Ashley Ct.	West End	N. Johnson Rd.	77	351.00	1
Jackson Ct.	N. Johnson Rd.	East End	83	328.00	1
Sconyers Ct.	N. Johnson Rd.	East End	68	574.00	1
N. Quincy Rd.	Marie Dr.	E. Hawkeye Ave.	25	1,115.00	1
Linn Ct.	Mira Flores Dr.	North End	27	436.00	1
La Sombra Ct.	Mira Flores Dr.	La Sombra Ct.	63	354.00	1
	La Sombra Ct.	La Sombra Ct.	37	443.00	1
	La Sombra Ct.	Mira Flores Dr.	29	380.00	1
Novo Dr.	E. Canal Dr.	Mira Flores Dr.	34	948.00	1
Arbor Wy.	N. Berkeley Ave.	Edward Dr.	24	482.00	1
	Edward Dr.	N. Johnson Rd.	4	873.00	1
	N. Johnson Rd.	Karen Wy.	13	289.00	1
	Karen Wy.	Heppner Wy.	26	705.00	1
	Heppner Wy.	N. Quincy Rd.	53	331.00	1
Karen Wy.	Arbor Wy.	Christine Wy.	69	259.00	1
Christine Wy.	Karen Wy.	Heppner Wy.	56	692.00	1
Heppner Wy.	Arbor Wy.	Christine Wy.	82	262.00	1
California Ave.	N. Berkeley Ave.	N. Johnson Rd.	41	1,332.00	1
El Paseo Dr.	E. Canal Dr.	El Capitan Dr.	21	580.00	1
	El Capitan Dr.	Arbor Wy.	34	1,207.00	1
Linda Vista Dr.	El Paseo Dr.	N. Johnson Rd.	22	456.00	1
Zinfandel Ln.	N. Johnson Rd.	Old Vineyard Rd.	14	686.00	1
	Old Vineyard Rd.	N. Quincy Rd.	29	643.00	1
	N. Quincy Rd.	Corello St.	27	1,057.00	1
Charles Pl.	Wallace Street	N. Johnson Rd.	33	636.00	1
Wallace St.	E. Marshall St.	Charles Pl.	15	335.00	1
Gettysburg St.	Andre Ln.	Dels Ln.	1	1,046.00	4
Hughes Ct.	Gettysburg St.	North End	44	154.00	4
Andre Ln.	Georgetown Ave.	W. Monte Vista Ave.	3	1,274.00	3 & 4
	W. Tuolumne Ave.	Georgetown Ave.	13	1,308.00	3 & 4
Troy Ct.	East End	Andre Ln.	18	200.00	3
Yvonne Ct.	East End	Andre Ln.	60	174.00	3
Torre Ct.	East End	Andre Ln.	57	167.00	3
Delta Ct.	East End	Andre Ln.	47	154.00	3
Curt Ct.	West End	Andre Ln.	82	230.00	4
Ledwith Ct.	Andre Ln.	West End	60	223.00	4
Tampa St.	Niagra St.	Andre Ln.	0	1,004.00	3
Regis St.	Geer Rd.	Niagra St.	0	518.00	3
Niagra St.	Regis St.	Monte Vista Ave.	7	853.00	3
	TOTAL LENGTH (		•	27,298.00	

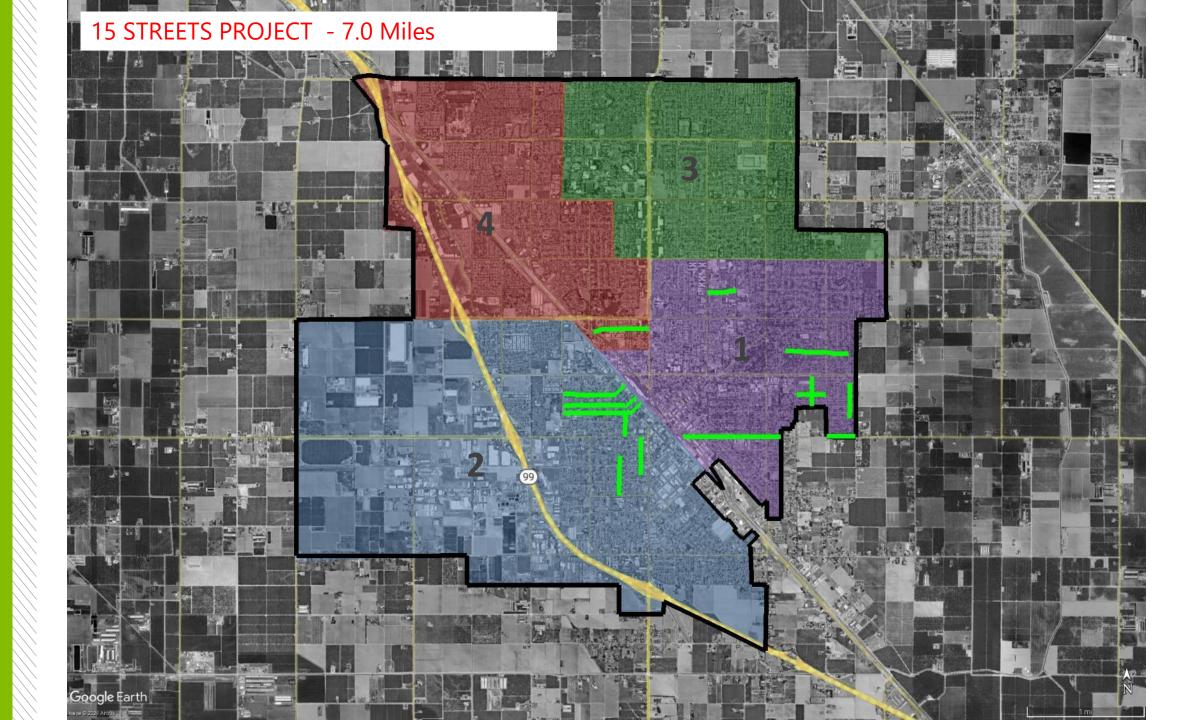


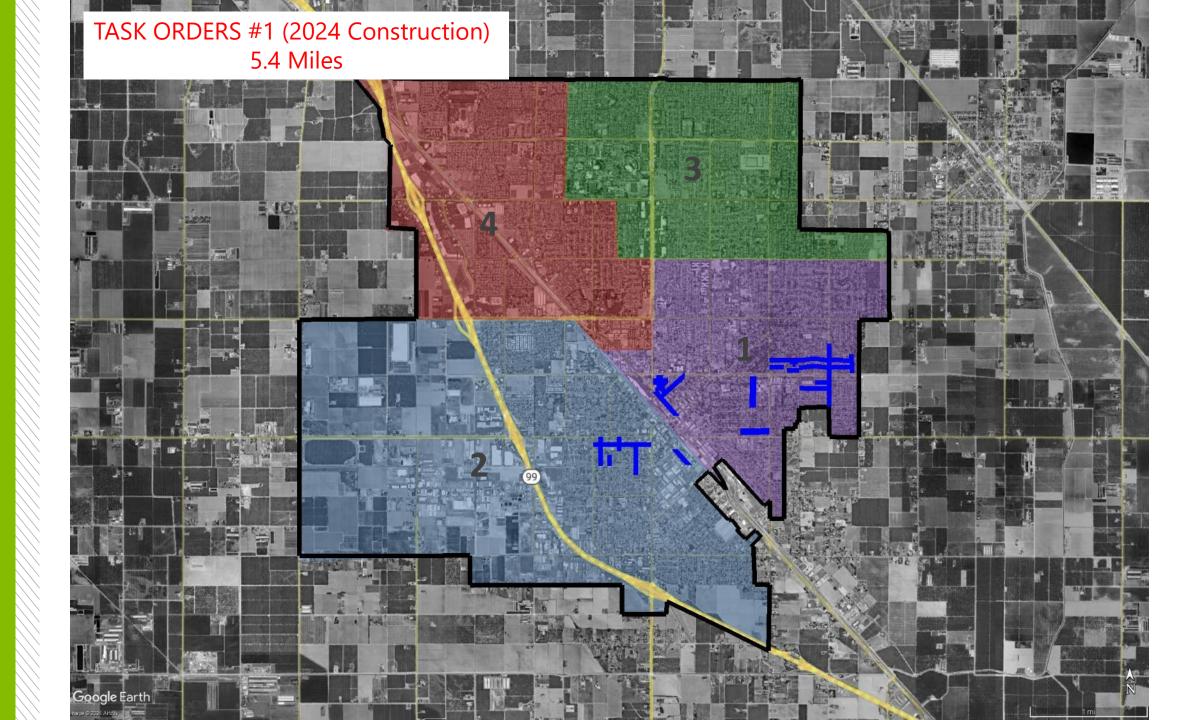
Street Name	From	То	PCI	Length (ft)	District
Rose St.	Cahill Ave.	Lyons Ave.	73	700.00	1
	Lyons Ave.	North End	15	279.00	1
Lyons Ave.	E. Main St.	Colorado Ave.	27	1,807.00	1
Oak St.	Cooper Ave.	Lyons Ave.	28	364.00	1
	Lyons Ave.	173' S. of E. Canal Dr.	20	171.00	1
	173' S. of E. Canal Dr.	E. Canal Dr.	90	173.00	1
E. Marshall St.	Bell St.	Colorado Ave.	19	575.00	1
	Colorado Ave.	N. Berkeley Ave.	16	741.00	1
	N. Berkeley Ave.	N. Johnson Rd.	14	1,348.00	1
	N. Quincy Rd.	N. Daubenberger Rd.	26	1,312.00	1
Sycamore St.	Bell St.	Colorado Ave.	12	590.00	1
	Colorado Ave.	N. Berkeley Ave.	16	708.00	1
Merritt St.	Bell St.	Colorado Ave.	51	584.00	1
	Colorado Ave.	N. Berkeley Ave.	14	722.00	1
	N. Berkeley Ave.	N. Johnson Rd.	24	1,302.00	1
Villa Ct.	Merritt St.	Merritt St.	28	1,135.00	1
Elena Ct.	South End	Merritt St.	18	446.00	1
Andrews Ct.	South End	Merritt St.	31	200.00	1
Fairvale Ct.	South End	Merritt St.	29	197.00	1
N. Denair Ave.	E. Main St.	E. Olive Ave.	56	364.00	1
	E. Olive Ave.	Mitchell Ave.	15	367.00	1
	Mitchell Ave.	E. Canal Dr.	39	282.00	1
	E. Canal Dr.	Starr Ave.	19	735.00	1
	Starr Ave.	Wayside Dr.	15	663.00	1
	Wayside Dr.	E. Hawkeye Ave.	17	1,125.00	1
S. Denair Ave.	E. Main St.	Crane Ave.	0	341.00	1
Hamilton St.	E. Main St.	Crane Ave.	10	361.00	1
	Crane Ave.	Marshall St.	21	361.00	1
Sierra St.	E. Canal Dr.	Colorado Ave.	19	489.00	1
	Colorado Ave.	Tahoe Dr.	17	669.00	1
	Tahoe Dr.	Shasta Dr.	10	669.00	1
	Shasta Dr.	N. Berkeley Ave.	73	89.00	1
Tahoe Dr.	E. Main St.	Sierra St.	26	354.00	1
	Sierra St.	Yosemite St.	13	351.00	1
Shasta St.	E. Main St.	Sierra St.	34	321.00	1
Donnelly Park Dr.	W. Hawkeye Ave.	Pedras Rd.	10	1,289.00	4
De Pauw Dr.	Valparaiso Dr.	Donnelly Park Dr.	3	682.00	4
Wabash Dr.	Valparaiso Dr.	Donnelly Park Dr.	8	669.00	4
Earlham Dr.	Valparaiso Dr.	Donnelly Park Dr.	5	676.00	4
Valparaiso Dr.	Earlham Dr.	De Pauw Dr.	9	518.00	4
Meadowlark Dr.	E. Tuolumne Rd.	N. Olive Ave.	6	1,204.00	3
	Total Lengt			25,933.00	

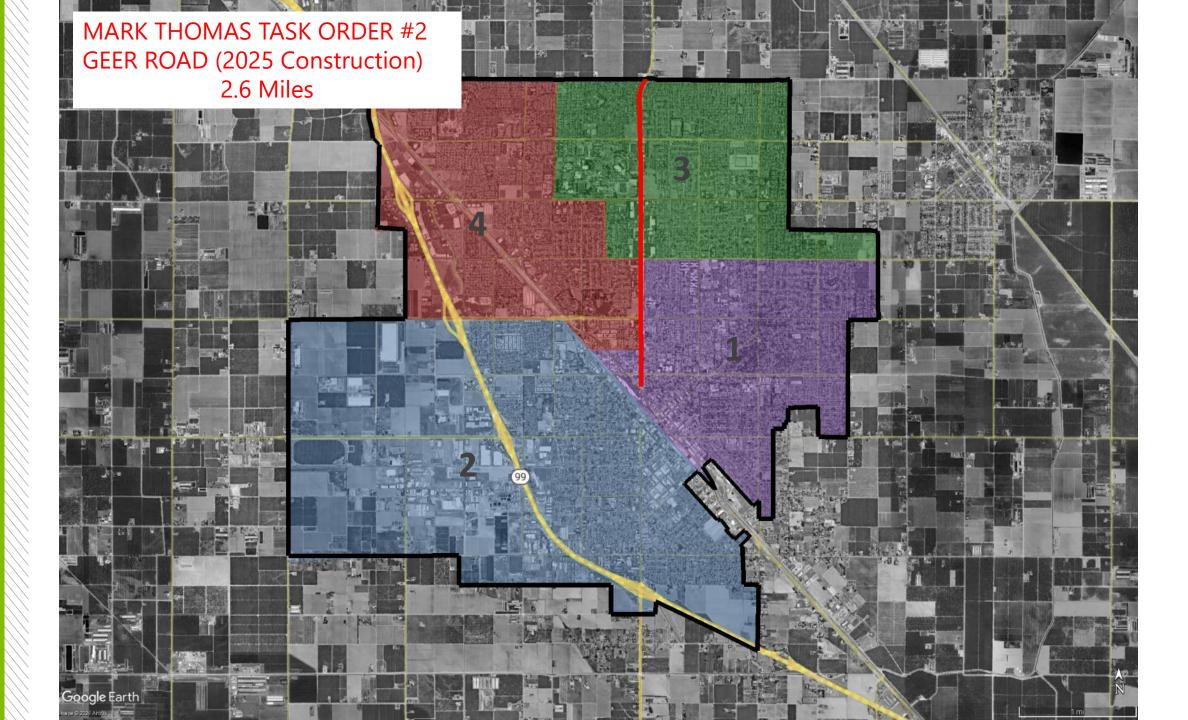


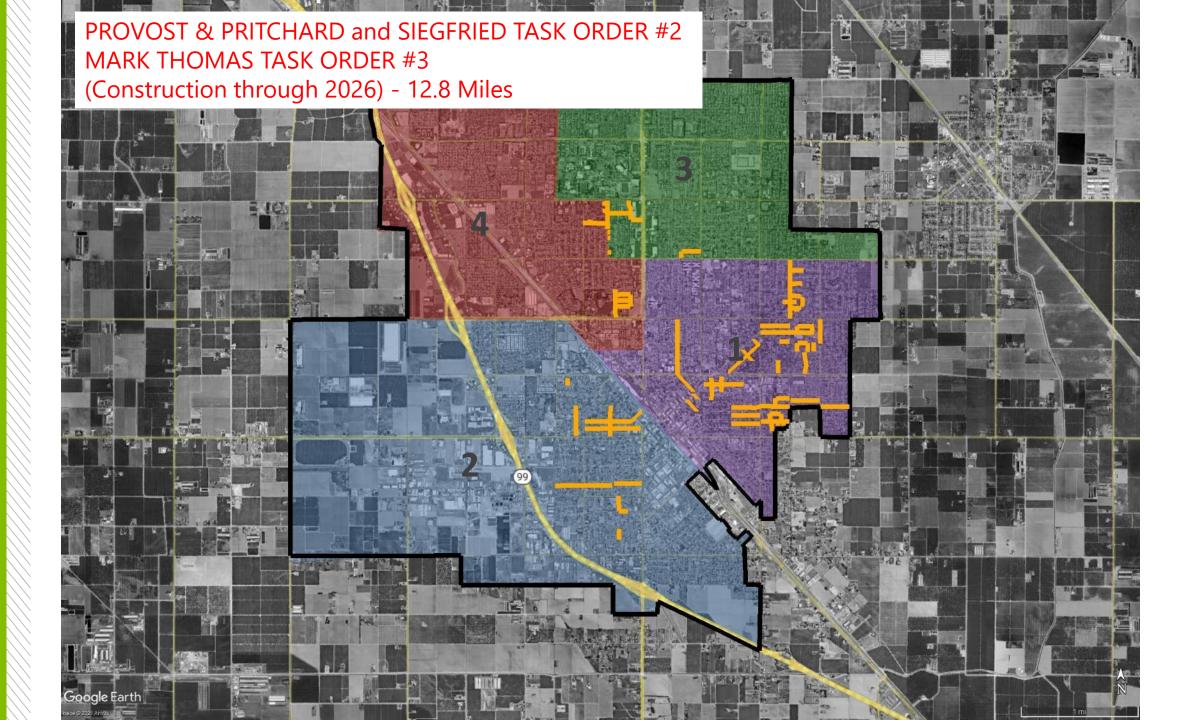


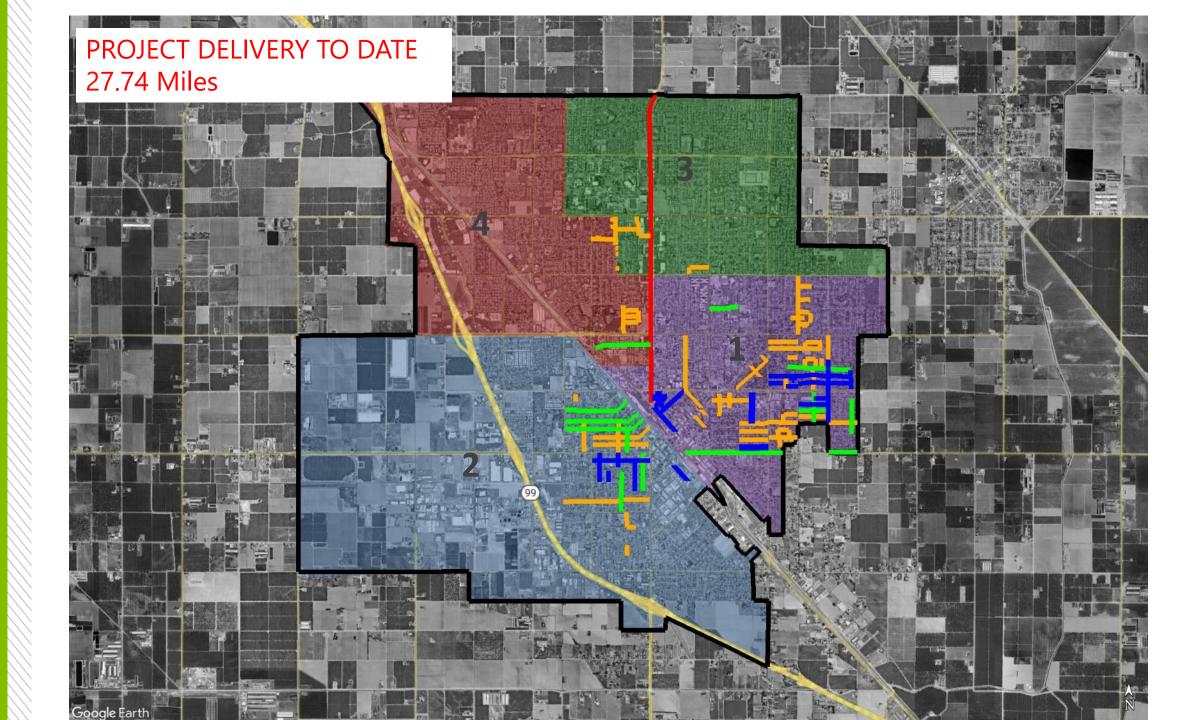
# ROADS PROGRAM CIP PROJECTS TO DATE











#### **Project Delivery to Date - Classifications**

Roadway Classification	Street Name	From	То	County Exception	Length (Feet)
Arterial					
	East Avenue	S. Golden State Blvd.	N. Daubenberger Road	Oleander Ln. to N. Quincy Rd.	5,967.00
	Geer Road	N. Golden State Blvd.	Taylor Road		13,945.00
				Total <b>Arterial</b> in Feet	19,912.00
				Total <b>Arterial</b> in Center Miles	3.77
Collector					
	Delbon Avenue	N. Olive Ave.	Colorado Ave.		1,296.00
	Park Street	West Ave. North	N. 1st St.		3,445.00
	Fosberg Road	E. Monte Vista Ave.	E. Christoffersen Pkwy.		2,677.00
	El Capitan Drive	N. Berkeley Ave.	N. Quincy Rd.		2,689.00
	N. Quincy Road	E. Marshall St.	E. Hawkeye Ave.		3,806.00
	N. Johnson Road	E. Hawkeye Ave.	E. Tuolumne Ave.		2,637.00
	Arbor Way	N. Berkeley Ave.	N. Quincy Rd.		2,680.00
	W. Olive Avenue	West Ave. North	N. 1st St.		3,126.00
	S. Broadway Avenue	B Street	D Street		915.00
	Colorado Avenue	E. Marshall St.	E. Canal Dr.		1,384.00
	N. Denair Avenue	E. Main Street	E. Hawkeye Ave.		3,536.00
	S. Orange Street	Montana Ave.	South Ave.	Lewis Street to Bernell Avenue	1,237.00
	E. Marshall Street	Bell St.	N. Daubenberger Rd.	N. Johnson Rd. to N. Quincy Rd.	5,340.00
				Total <b>Collector</b> in Feet	34,768.00
				Total <b>Collector</b> in Miles	6.58

Residential	

Total <b>Residential</b> in Feet	91,771.00
Total <b>Residential</b> in Miles	17.38

Total <b>to date</b> in Feet	146,451.00		
Total <b>to date</b> in Miles	27.74		

- CATCH-UP MAINTENANCE
- LONG-TERM MAINTENANCE
- FUTURE DESIGN PROJECTS
  - MAINTAIN BACKLOG OF SHOVEL-READY PROJECTS

## Roads Program Webpage

https://ci.turlock.ca.us/streetstraffic/roadsprogram/

# ROADS PROGRAM FINANCIAL INFORMATION

#### Streets Funds

- ► Fund 115 Measure A Roads Program
- ► Fund 215 Streets Grant Funded Projects
- ► Fund 216 Streets Local Transportation
- Fund 217 Streets Gas Tax
- Fund 218 Measure L
- ► Fund 219 SB 1 Road Maintenance & Rehabilitation Account

# Roads Program Estimated Cashflow

	Estimated	Budgeted					
	FY 23-24	FY 24-25	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30
Starting Bal	19,611	20,337	34,956	16,723	52,378	28,156	2,692
Revenues	18,266	12,320	12,628	12,944	13,267	13,599	13,939
Expenses	17,540	27,201	28,561	29,989	31,489	33,063	34,716
Debt Payment			2,300	2,300	6,000	6,000	6,000
Financing Proceeds		29,500		55,000			40,000
Total Ending Balance	20,337	34,956	16,723	52,378	28,156	2,692	15,915
Revenue Growth			2.5%	2.5%	6 2.5%	2.5%	2.5%
Expenditure Growth			5.0%	5.09	5.0%	5.0%	5.0%

### Roads Program Estimated Cashflow



# QUESTION/COMMENT CARDS