



# RESOURCE MANAGEMENT AGENCY

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REED SCHENKE, DIRECTOR

MICHAEL WASHAM, ASSOCIATE DIRECTOR

July 3, 2020

Supervisor Kuyler Crocker (District One)  
Supervisor Pete Vander Poel, (Chair) (District Two)  
Supervisor Amy Shuklian (District Three)  
Supervisor Eddie Valero (District Four)  
Supervisor Dennis Townsend (District  
ive) Jason Britt, CAO  
2800 West Burrel  
Avenue Visalia, CA  
93291

Dear Supervisors and Mr. Britt:

The Public Works Branch of the Resource Management Agency (RMA) respectfully submits the following report to you to document the progress in the branch for the month of June 2020.

## **Public Works Role Within the County of Tulare**

With a constant eye on maintaining public spaces and infrastructure, including the County's roads, sewers, and water systems, the Public Works division of RMA is efficient and responsive to public services with solid fiscal management in conjunction with its planning and economic development branches. Awareness of the public's trust enables the County of Tulare to provide and sustain the County's structures and services essential to the welfare and quality of life for all the County's citizens.

RMA as a whole is comprised of approximately 260 dedicated employees including accountants, analysts, engineers, inspectors, mechanics, planners, road crews, technicians, grants specialists, clerks, paraprofessionals and more. The Public Works division of RMA is comprised of four divisions: Maintenance; Design & Construction; Special Programs; and Survey. Each of these divisions contain special subdivisions including road repairs, street sweeping, engineering, right of way acquisitions, flood control, water and sewer systems, TCaT, Monument Preservation, and Parcel Maps just to name a few. In fiscal year 19/20 the public works division of RMA chipsealed 70 miles of roadway, patched 488,995 potholes, replaced or repaired 3,388 traffic signs, operated 13 water/sewer systems, issued 3,123 encroachment permits, issued 813 transportation permits, managed 990,000 transit revenue miles, and prepared numerous agenda items as well as worked with all other divisions of RMA in its management of the \$150M RMA budget. Moreover, \$19.1M in contracted construction projects were completed in the fiscal year including bridge replacement projects, sidewalk improvement projects safety improvements, road rehabilitation projects, water infrastructure projects and transit projects. RMA kept the permit center open by appointment during the Covid-19 shut-down.

While attaining these milestones, Public Works successfully collaborates with Economic Development and Planning and its Fiscal divisions to maintain balance and efficiency in its projects to ensure delivery of its projects. It is the goal of all of all of RMA to leave things better than we found them.

### **MANAGEMENT GROUP 1:**

Highlight of work performed by Management Group 1 for the month of June are as follows:

<b>ROAD MAINTENANCE</b>			
Work Performed	LAST Month Total	THIS Month Total	Percent Increase/Decrease(-) from Prior Month
Potholes Patched	25278	30030	19%
Shoulder work (Lane miles)	22	13	-43%
Blade Patches (Miles)	7	27	286%
Bridges maintained	2	4	100%
Constituent requests	48	61	27%
After hour call-outs	7	6	-14%

Our newly purchased street sweeper arrived in June. Personnel training and the beginning of our street sweeping program is anticipated to start in late July/early August.

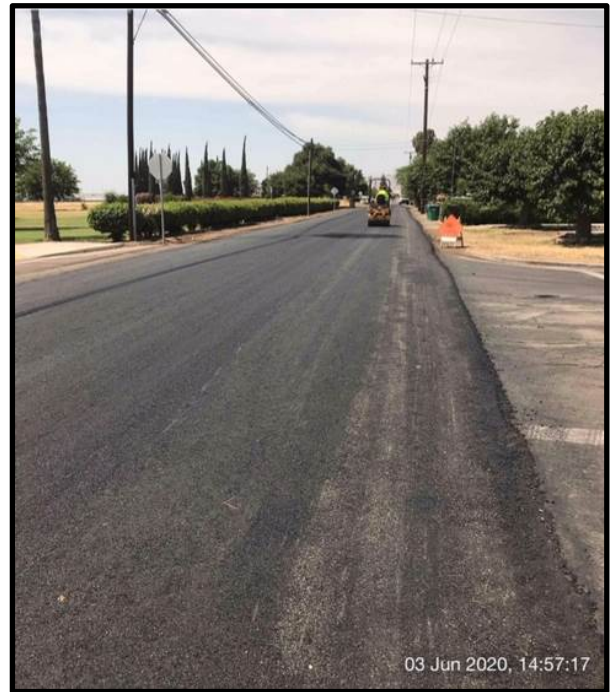


Graphs showing a comparison of the work performed between 2019 and 2020 by the Roads Department is attached at the end of this report.

### **ROAD DISTRICT 1:**

Activities in June include:

- Prepared three roads for grind and overlay (Parkside, Alameda, and Avenue 176);
- Performed 3.5 miles of blade patching throughout the road district:



*Blade patching on Road 216 near Avenue 234*

## **ROAD DISTRICT 2:**

Activities in June include:

- Performed overlays at four locations (Paige Ave, Harrison Road, Avenue 266 and Santa Fe):



*Grind and Overlay on Santa Fe, north of Avenue 272*

- Conducted weed abatement and cleanup on Avenue 280 from State Route 99 to Visalia city limits and on Goshen Avenue east of State Route 99;
- Conducted ponding basin clean-up at various locations in Earlimart.



## ROAD DISTRICT 4:

Activities in June include:

- Performed 8 miles of blade patching throughout the road district;
- Performed bridge/rail maintenance district wide (Avenue 420, Avenue 408 and Road 144):



- Performed overlays at various locations:



*Overlay at Road 130 and Avenue 412*



*Visalia Avenue in the community of Seville*

## ROAD DISTRICT 5:

Activities in June include:

- Installed a new concrete storm drain pipe crossing Road 234, south of Avenue 95 to tie into a future sidewalk improvement project at Setton Farms in the community of Terra Bella;



*Road 234 storm drain pipe replacement*

- Performed 7.5 miles of blade patching throughout the road district.

## TRAFFIC CONTROL:

Activities in June include:

### SIGN MAINTENANCE

Work Performed	Last Month Total	This Month Total	Percent Increase/Decrease(-) from Prior Month
New signs installed	11	11	0%
Routine maintenance of signs	113	74	-35%
Vandalized signs repaired/replaced	72	126	75%
Worn traffic signs repaired/replaced	6	42	600%
Miles of Road striped	10	106	960%
Stencils installed (Sq ft)	331	2774	738%
Traffic signal/light repair	5	3	-40%
Illegal signs Removed from Right of Way	0	24	2400%



- Due to constituent requests to enhance bike, pedestrian and motorist safety, a “Share the Road” sign was installed on El Nogal, east of Road 132:



- Revised signing for pedestrian crossings at M107, Trail of Hundred Giants;
- Completed the installation of a Board approved Stop sign installation at the intersection of Road 132 and Avenue 432:



#### **TRAFFIC DIVISION:**

- Staff reviewed constituent requests for Stop signs, speed advisories, etc. as they were received;
- Reviewed uncontrolled “T” intersections in need of Stop sign installation around the County;
- Contact with various school districts regarding their concerns for traffic safety devices and signage;
- Continued gathering traffic data information as requested for pre and post construction projects.

## SAFETY:

- There were 3 claims filed through Risk Management during this reporting period;
- Conducted site visits to ensure construction and COVID-19 safety protocols are being followed;
- Conduct forklift certifications for the Traffic Control group:



## ENCROACHMENTS:

### ENCROACHMENTS

Work Performed	Last Month Total	This Month Total	Percent Increase/Decrease(-) from Last Month
Photos taken for encroachments, collisions, etc.	161	124	-23%
Calls of complaints, violations	38	46	21%
Encroachments cases opened - Letters sent	2	2	0%
Encroachment cases closed due to compliance	3	2	-33%
After hour alarm calls for roadyards	2	4	100%
Miles driven to patrol roads	427	941	120%

Encroachments within the right-of-way were addressed as follows:

- Received 4 after-hour calls for tripped alarms;

- Property owner on Avenue 72 east of Road 267 removed a row of trees to comply:



*Before*

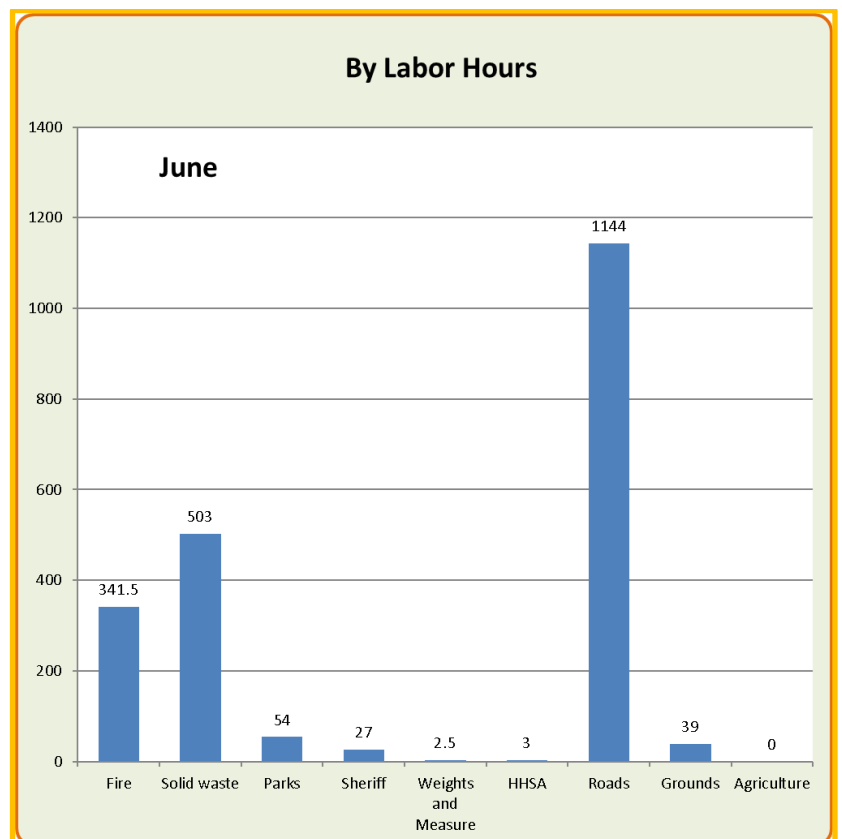


*After*




#### HEAVY EQUIPMENT MAINTENANCE DIVISION:


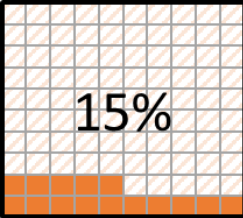

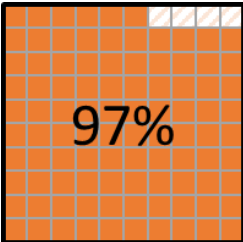
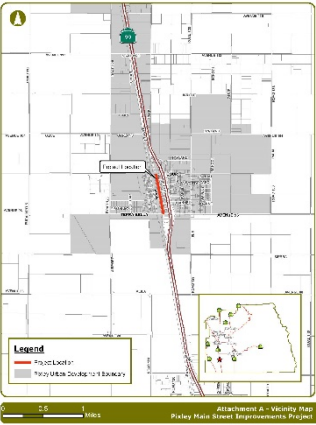
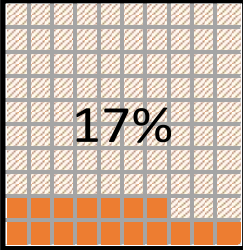
For the month of June the Heavy Equipment Shop maintained various pieces of equipment for 7 agencies completing 334 work orders for a total of 2,114 hours as shown in the chart below:


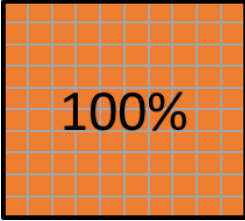

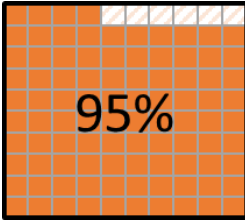

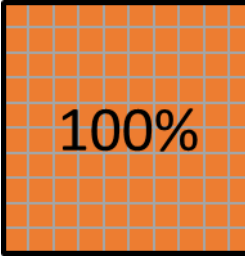
Agency	Work Orders	Labor Hours
Fire	31	341.5
Solid waste	65	503
Parks	8	54
Sheriff	4	27
Weights and Measure	1	2.5
HHSA	2	3
Roads	221	1144
Grounds	2	39
Agriculture	0	0
<b>Total</b>	<b>334</b>	<b>2114</b>









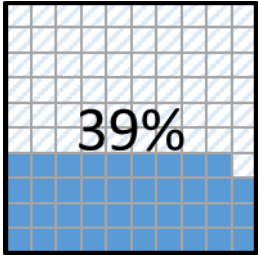

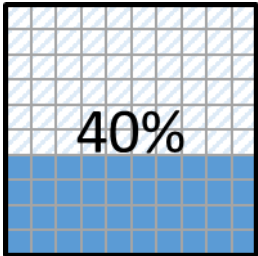

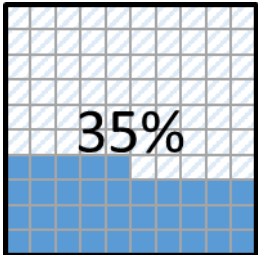
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
<b>Earlimart Park Sidewalk Improvement Project</b>  <p>Newly constructed ADA Curb ramp located south of the park at Church and Elm</p>	<b>District:</b> No. 2 - Pete Vander Poel <b>Division:</b> MG2 – Roads <b>Designer:</b> Tulare County RMA <b>Contractor:</b> American Paving Inc.	Installation of sidewalk, ADA ramps, driveways, curb and gutter, and drainage infrastructure around Earlimart Park and Earlimart Elementary School.  Funding: Federal (ATP), and Local County Road Funds	<ul style="list-style-type: none"> <li>Project accepted as substantially complete by Engineer on 1/13/20</li> <li>Contractor has completed all punch list work</li> <li>County staff ensuring paperwork has been submitted for project closeout</li> <li>Anticipated NOC, March 2020.</li> </ul>	<b>Budget:</b> \$ 520,690 <b>Award:</b> \$ 483,990 <b>CO's to Date<sup>1</sup>:</b> \$ 23,997.12 <b>Total Contract:</b> \$ 483,990 <b>Payments:</b> \$ 510,039  Last Payment: Pending 03/2020 (Final)	<div>100%</div> <p>Substantial Completion: January 2020</p> <div>Design R-O-W Const.</div>
<b>2019 RRAA Project 1</b>  <p>Road 152 located south of Avenue 240</p>	<b>District:</b> Nos. 1, 2, 3, & 4 <b>Division:</b> MG 2 – Roads <b>Designer:</b> Tulare County RMA	Road Maintenance Project consisting of asphalt resurfacing and Pulverization on the following roads: Rd 152, Rd 144, Ave 272, Ave 264, Rd 108, & Rd 224  Funding: Local County Road Funds (SB1)	<ul style="list-style-type: none"> <li>Project accepted as substantial complete by Engineer on 11/26/19</li> <li>County staff ensuring paperwork has been submitted for project closeout</li> </ul>	<b>Budget:</b> \$ 5,151,480 <b>Award:</b> \$ 4,894,267 <b>CO's to Date:</b> \$ (61,410) <b>Total Contract:</b> \$ 5,151,480 <b>Payments:</b> \$ 4,520,265  Last Payment: 11/30/2019	<div>94%</div> <p>Substantial Completion: November 2019</p> <div>Design R-O-W Const.</div>
<b>2019 RRAA Project 2</b>  <p>AC Paving on Road 208, looking north</p>	<b>District:</b> Nos. 2, 4, & 5 <b>Division:</b> MG2 – Roads <b>Designer:</b> Tulare County RMA <b>Contractor:</b> Teichert Construction	Road Maintenance Project consisting of asphalt resurfacing and pulverization on the following roads: Ave 144, Ave 120, Rd 208, Rd 168, & D 140.  Funding: Local County Road Funds (SB1).	<ul style="list-style-type: none"> <li>All work complete and project has been accepted as substantially complete by Engineer on 6/19/20</li> <li>County staff ensuring paperwork has been submitted for project closeout</li> </ul>	<b>Budget:</b> \$ 6,771,377 <b>Award:</b> \$ 6,437,026 <b>CO's to Date:</b> \$ (417,753) <b>Total Contract:</b> \$ 6,771,377 <b>Payments:</b> \$ 6,153,482  Last Payment: 6/30/2020	<div>100%</div> <p>Substantial Completion: June 2020</p> <div>Design R-O-W Const.</div>


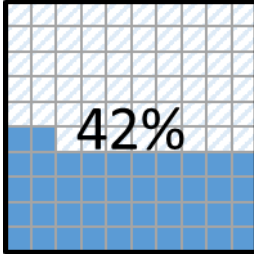

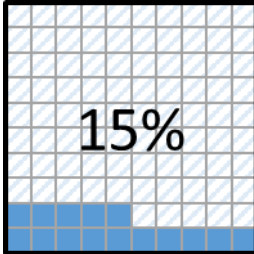

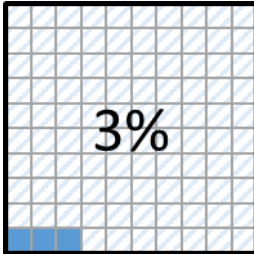
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
<b>2020 RRAA Project 1</b> 	<b>District:</b> Nos. 1, 2, 3, 4, & 5 <b>Division:</b> MG2 – Roads <b>Designer:</b> Tulare County RMA <b>Contractor:</b> Don Berry Construction	Project consisting of 1) Asphalt resurfacing and Pulverization on the following roads: Road 140, Road 156, Avenue 288, Avenue 304, Road 132 2) Asphalt resurfacing at 6 intersections  Funding: Local County Road Funds (SB1)	<ul style="list-style-type: none"> <li>• Pre-Construction Meeting held on 6/2</li> <li>• Contractor started work on the project on 6/16</li> <li>• All paving and shoulder backing work has been completed on intersection improvement (locations 6-11)</li> </ul>	<b>Budget:</b> \$ 5,122,089 <b>Award:</b> \$ 4,866,276 <b>CO's to Date:</b> \$ 0 <b>Total Contract:</b> \$ 5,122,089 <b>Payments:</b> \$ 736,414	 Expected Completion: September 2020 Design R-O-W Const.
<b>Road 192 and Road 204 Rehabilitation Project</b>  Road 192 South of Avenue 136	<b>District:</b> Nos. 1 & 5 <b>Division:</b> MG2 – Roads <b>Designer:</b> Tulare County RMA <b>Contractor:</b> Agee Construction	Road Maintenance Project consisting of asphalt resurfacing and pulverization on Road 192 and Road 204.  Funding: Federal Surface Transportation Block Grant Program and Local County Road Funds.	<ul style="list-style-type: none"> <li>• Project accepted as substantial complete by Engineer on 12/16/19</li> <li>• County staff ensuring paperwork has been submitted for project closeout.</li> <li>• Anticipated NOC, July 2020.</li> </ul>	<b>Budget:</b> \$ 1,722,393 <b>Award:</b> \$ 1,628,470 <b>CO's to Date:</b> \$ 0 <b>Total Contract:</b> \$ 1,628,470 <b>Payments:</b> \$ 1,582,622 Last Payment: 1/28/20	 Substantial Completion: December 2019 Design R-O-W Const.
<b>Pixley Main Street Sidewalk Improvement Project</b> 	<b>District:</b> No. 2 - Pete Vander Poel <b>Division:</b> MG2 - Roads <b>Designer:</b> Tulare County RMA <b>Contractor:</b> JT2 Inc. – dba Todd Companies	Improvement to Main Street including the installation of curb and gutter, sidewalk, asphalt pave-outs, class 2 bike lanes, drainage facilities, signs and striping.  Funding: State (ATP) and Local County Road Funds.	<ul style="list-style-type: none"> <li>• Contractor began work on the project on May 18th.</li> <li>• Contractor has completed the majority of demo work on the west side of the road.</li> <li>• Beginning to place storm drain lines.</li> <li>• Beginning to install concrete improvements.</li> </ul>	<b>Budget:</b> \$ 1,273,520 <b>Award:</b> \$ 1,200,972 <b>CO's to Date:</b> \$ 0 <b>Total Contract:</b> \$ 1,200,972 <b>Payments:</b> \$ 206,328 Last Payment: 3/31/20	 Expected Completion: September 2020 Design R-O-W Const.

Project Name	Contacts	Description	Progress Update	Project Budget	Completion
<b>Transit Operations &amp; Maintenance Facility (TOMF)</b>  <p>Photo of Operations Building, looking east from Road 140</p>	<b>District:</b> No. 2 - Pete Vander Poel <b>Division:</b> MG3 – Special Projects <b>Designer:</b> Arrington Watkins Architects <b>Contractor:</b> Seals Construction	New facility for maintenance and operations of the Tulare County Area Transit (TCaT) bus fleet at the Tulare County Central Road Yard. Funding: Federal (PTMISEA), State (CalOES, SGR, STA), & Local (Measure R, Other County Funds).	<ul style="list-style-type: none"> <li>Project accepted as substantially complete by Resident Engineer.</li> <li>Contractor wrapping up minor corrective items of work.</li> <li>County staff coordination with TCICT on communication infrastructure.</li> <li>Contractor submitting warranty information.</li> </ul>	<b>Budget:</b> \$ 7,263,199 <b>Award:</b> \$ 6,825,649 <b>CO's to Date:</b> \$ 133,837 <b>Total Contract:</b> \$ 6,825,649 <b>Payments:</b> \$ 6,959,487 Last Payment: 3/31/2020 1. Award amount accounts for deduction of CNG Project by Resolution No. 2019-0355.	 <p>100%</p> <p>Substantial Completion February 2020</p> <p>Design → R-O-W → Const.</p>
<b>CNG Fueling Facility at TOMF</b>  <p>Photo of slow fill time posts within the fueling yard, looking south</p>	<b>District:</b> No. 2 - Pete Vander Poel <b>Division:</b> MG3 – Special Projects <b>Designer:</b> Arrington Watkins Architects <b>Contractor:</b> Hobbs Construction	New fueling facility at the nearly completed Transit Operations and Maintenance Facility (TOMF) for use by the Tulare County Area Transit (TCaT) bus fleet. Funding: Federal (CMAQ) and Local (Measure R, Other County Funds).	<ul style="list-style-type: none"> <li>So Cal Gas completed meter set and connection work.</li> <li>Corrective work to pavement at bus fueling area has been completed.</li> <li>Anticipated that work will be completed and accepted in July.</li> </ul>	<b>Budget:</b> \$ 2,635,010 <b>Award:</b> \$ 2,497,629 <b>CO's to Date:</b> \$ 12,591 <b>Total Contract:</b> \$ 2,497,629 <b>Payments:</b> \$ 2,372,924 Last Payment: 6/30/2020	 <p>95%</p> <p>Expected Completion: June 2020</p> <p>Design → R-O-W → Const.</p>
<b>M220 Bear Creek Bridge</b>  <p>Photo of the new bridge opened to traffic</p>	<b>District:</b> No. 5 – Dennis Townsend <b>Division:</b> MG2 – Bridges <b>Designer:</b> Biggs Cardosa Associates <b>Contractor:</b> Agee Construction	Replacement of the existing functionally obsolete bridge with a new two lane bridge. Located on M220 over Bear Creek, 8 miles north of State Route 190. Funding: Highway Bridge Program (HBP) - Federal	<ul style="list-style-type: none"> <li>Construction of bridge structure is substantially complete and open to traffic.</li> <li>Art tile procurement and installation expected in summer 2020 due to delays in fabrication by Arts Consortium; County staff to perform installation.</li> <li>In March, Notice of Completion approved by BOS.</li> </ul>	<b>Budget:</b> \$ 3,090,000 <b>Award:</b> \$ 1,805,832 <b>CO's to Date:</b> \$ 19,075 <b>Total Contract:</b> \$ 1,805,832 <b>Payments:</b> \$ 1,816,963 Last Payment: 11/07/2019	 <p>100%</p> <p>Expected Completion: Spring 2020</p> <p>Design → R-O-W → Const.</p>

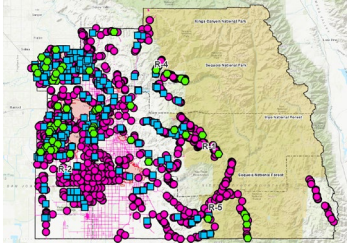
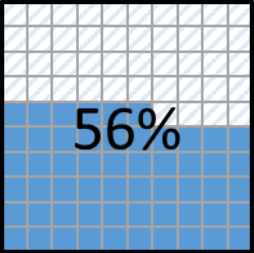

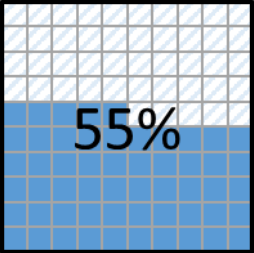

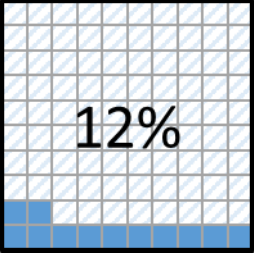



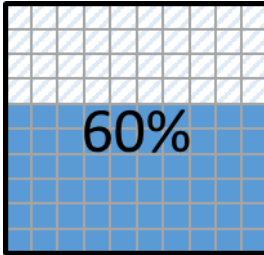

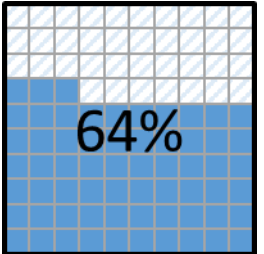
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
<b>M348 South Fork Kaweah River Bridge</b>  Photo of the bridge covered with light snow	<b>District:</b> No. 1 – Kuyler Crocker <b>Division:</b> MG2 – Bridges <b>Designer:</b> Quincy Engineering <b>Contractor:</b> TBD	Replacement of the existing structurally deficient one lane bridge with a new one lane bridge. Located on M348 over S. Fork Kaweah River, 11.7 miles south east of State Route 198.  Funding: Highway Bridge Program (HBP) – Federal.	<ul style="list-style-type: none"> <li>Project previously advertised and bids cancelled due to lack of bidders and high cost.</li> <li>Re-advertised on May 13 with bid opening on June 11<sup>th</sup>.</li> </ul> Construction anticipated to start in September 2020.	<b>Budget:</b> \$ 2,750,000 <b>Award:</b> \$ 0 <b>CO's to Date:</b> \$ 0 <b>Total Contract:</b> \$ 0 <b>Payments:</b> \$ 0 Last Payment: N/A	<div>0%</div> Expected Completion: Fall 2021
<b>Earlimart Sidewalk Improvements Project</b>  State St. Existing conditions	<b>District:</b> No. 2 – Pete Vander Poel <b>Division:</b> MG2 – Design & Construction <b>Designer:</b> RMA - Public Works	Pedestrian Improvements along State St. (between Sutter and Sierra) and Washington/Church.  Funding: Active Transportation Program (ATP).	<ul style="list-style-type: none"> <li>Construction funds approved by the California Transportation Commission (CTC).</li> <li>Coordinated with CSET on Public Works Agreement (in-progress).</li> <li>BOS approved authorization to bid (construction advertisement pending Division of the State Architect approval of construction plans).</li> </ul>	<b>Right-of-Way:</b> \$ 20,000 <b>Expenditures:</b> \$ 20,000 Other Phases: <b>Design:</b> \$ 222,000 <b>Construction:</b> \$ 1,688,000	<div>0%</div> Expected Completion: Spring 2021 Design → R-O-W → Const.
<b>Yettem-Seville Water System Improvements – Phase 1</b>  New Booster Pump Assembly	<b>District:</b> No. 4 - Eddie Valero <b>Division:</b> MG 3 – Special Projects <b>Designer:</b> Provost & Pritchard <b>Contractor:</b> Brough Construction, Inc.	Replacement water distribution system for the Community of Seville, including a storage tank, water meters, and appurtenances.  Funding: Prop 1 (California Water Resources Control Board)	<ul style="list-style-type: none"> <li>A 30-day performance period has been completed. Equipment performed well during that time.</li> <li>The new tank site is operating normally. The last of the punch list items of work are being completed by the contractor.</li> </ul>	<b>Budget:</b> \$ 3,208,508 <b>Award:</b> \$ 3,381,433 <b>CO's to Date:</b> \$ 133,514 <b>Total Contract:</b> \$ 3,342,022 <b>Payments:</b> \$ 3,323,519 Last Payment: 05/01/2020	<div>99%</div> Expected Completion: June 2020 Design → R-O-W → Const.


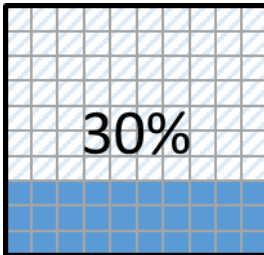

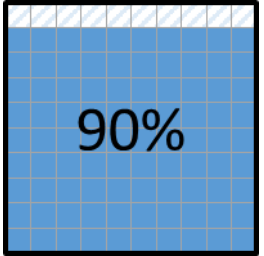

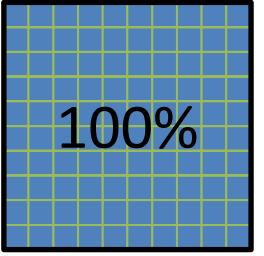
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
<b>Avenue 108 Lakeland Canal Bridge</b>  Elevation photo of the bridge experiencing peak irrigation flows	<b>District:</b> No. 2 – Pete Vander Poel  <b>Division:</b> MG2 – Bridges  <b>Designer:</b> Drake Haglan & Associates  <b>Contractor:</b> TBD	Replacement of the existing one lane bridge with a new two-lane bridge. The bridge is located on Avenue 108 over Lakeland Canal, 0.5 miles east of State Route 43.  Funding: Highway Bridge Program (HBP) – Federal.	Environmental studies ongoing. Structure type selection report prepared by consultant received by Caltrans and response expected by August.	<b>Design:</b> \$ 500,000 <b>Expenditures:</b> \$ 201,000 Other Phases: <b>Right-of-Way:</b> \$ 20,000 <b>Construction:</b> \$ 2,400,000	 Expected Completion: Fall/Winter 2022 Design R-O-W Const.
<b>Avenue 174 Friant-Kern Canal Bridge</b>  Elevation photo of the bridge	<b>District:</b> No. 5 – Dennis Townsend  <b>Division:</b> MG2 – Design, Development & Construction  <b>Designer:</b> NCM Engineering  <b>Contractor:</b> TBD	Replacement of the existing one lane bridge with a new two-lane bridge. The bridge is located on Avenue 108 over Lakeland Canal, 0.5 miles east of State Route 43.  Funding: Highway Bridge Program (HBP) – Federal.	<ul style="list-style-type: none"> <li>Environmental studies ongoing.</li> <li>In April, finalized type selection report prepared by consultant was sent to Caltrans for review, pending response. Utility coordination will continue until the month of September .</li> </ul>	<b>Design:</b> \$ 600,000 <b>Expenditures:</b> \$ 356,000 Other Phases: <b>Right-of-Way:</b> \$ 20,000 <b>Construction:</b> \$ 2,400,000	 Expected Completion: Fall/Winter 2022 Design R-O-W Const.
<b>Avenue 376 Traver Canal Bridge</b>  Elevation photo of the bridge	<b>District:</b> No. 4 – Eddie Valero  <b>Division:</b> MG2 – Bridges  <b>Designer:</b> Cornerstone Structural Eng. Group  <b>Contractor:</b> TBD	Replacement of the existing structurally deficient two-lane bridge with a new two lane bridge. Located on Avenue 376 over Traver Canal, 0.25 miles east of Road 40.  Funding: Highway Bridge Program (HBP) – Federal.	<ul style="list-style-type: none"> <li>Environmental studies ongoing.</li> <li>Continued discussions with AID for potential utility conflicts. Project Type Selection being finalized for submittal in early June.</li> </ul>	<b>Design:</b> \$ 500,000 <b>Expenditures:</b> \$ 225,000 Other Phases: <b>Right-of-Way:</b> \$ 100,000 <b>Construction:</b> \$ 1,100,000	 Expected Completion: Fall/Winter 2021 Design R-O-W Const.

Project Name	Contacts	Description	Progress Update	Project Budget	Completion
<b>Avenue 428 Sand Creek Bridge</b>  Elevation photo of the bridge	<b>District:</b> No. 4 – Eddie Valero <b>Division:</b> MG2 – Bridges <b>Designer:</b> TRC Companies <b>Contractor:</b> TBD	Replacement of the existing structurally deficient two-lane bridge with a new two lane bridge. Located on Avenue 428 over Sand Creek, 0.25 miles east of State Route 63.  Funding: Highway Bridge Program (HBP) – Federal.	<ul style="list-style-type: none"> <li>Environmental studies ongoing.</li> <li>County responsible for civil design and coordinated additional work needed to finalize 35% plans. NEPA clearance anticipated Jan 2021.</li> </ul>	<b>Design:</b> \$ 605,000 <b>Expenditures:</b> \$ 268,000 Other Phases: <b>Right-of-Way:</b> \$ 20,000 <b>Construction:</b> \$ 2,400,000	 42% Expected Completion: Fall/Winter 2022 Design R-O-W Const.
<b>Bridge Preventive Maintenance Program Group 1</b>  Road yard crew spraying methacrylate overlay on Road 80 (2014)	<b>District:</b> Countywide <b>Division:</b> MG2 – Bridges <b>Designer:</b> Tulare County RMA <b>Contractor:</b> TBD	Application of methacrylate overlay (concrete deck sealant) treatment to 12 bridges located throughout County.  Funding: Highway Bridge Program (HBP) Federal and Measure R (TCAG)	<ul style="list-style-type: none"> <li>Funds received Jan 2020 to start Preliminary Engineering.</li> <li>Design in-house to save costs.</li> <li>In May preliminary plan development began. Pending procurement of on-call environmental consultant for NEPA clearance (10/2020).</li> </ul>	<b>Design:</b> \$ 238,200 <b>Expenditures:</b> \$ 55,000 Other Phases: <b>Right-of-Way:</b> \$ N/A <b>Construction:</b> \$ 985,800	 15% Expected Completion: Fall/Winter 2021 Design R-O-W Const.
<b>Bridge Preventive Maintenance Program Group 5</b>  Photo of typical pier footing damage due to scour	<b>District:</b> Countywide <b>Division:</b> MG2 – Bridges <b>Designer:</b> Tulare County RMA <b>Contractor:</b> TBD	Applying scour counter-measures to piers, abutments and other areas to 21 bridges affected by scour throughout County.  Funding: Highway Bridge Program (HBP) Federal and Measure R (TCAG).	<ul style="list-style-type: none"> <li>Funds received Jan 2020 to start Preliminary Engineering.</li> <li>Consultant contracts for hydraulics and environmental design will need to be procured In May staff began discussing procurement schedule and tasks. Staff began drafting Request for Proposals for Environmental Services</li> </ul>	<b>Design:</b> \$ 898,700 <b>Expenditures:</b> \$ 20,000 Other Phases: <b>Right-of-Way:</b> \$ N/A <b>Construction:</b> \$ 3,668,300	 3% Expected Completion: Summer/Fall 2023 Design R-O-W Const.


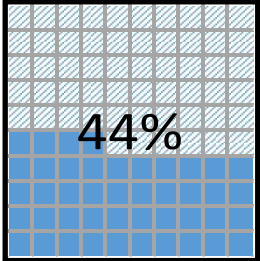

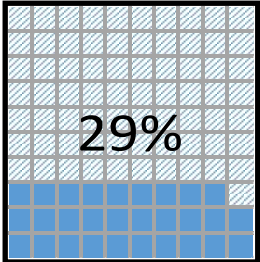

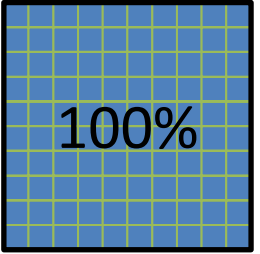



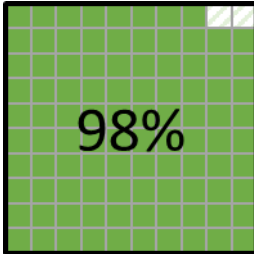

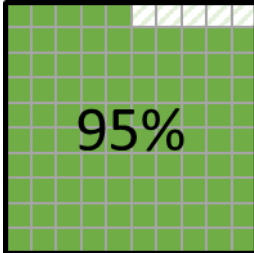

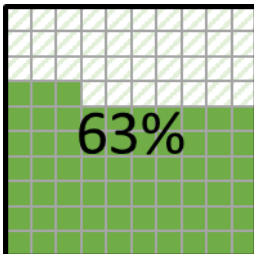
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
<b>Bridge Preventive Maintenance Plan for Bridges Under 20 Feet</b>  County Map with all bridges under 20 feet	<b>District:</b> Countywide <b>Division:</b> MG2 – Bridges <b>Designer:</b> Tulare County RMA <b>Contractor:</b> TBD	Development of Bridge Preventative Maintenance Plan to track the performance, maintenance, and condition of bridges under 20 feet.  Funding: Measure R (TCAG)	<ul style="list-style-type: none"> <li>Data collection completed in January 2020.</li> <li>In June staff continued filtering data.</li> <li>Supplemental inspections necessary.</li> <li>Summary report anticipated late summer.</li> </ul>	<b>Design:</b> \$ 250,000 <b>Expenditures:</b> \$ 153,000 Other Phases: <b>Right-of-Way:</b> \$ N/A <b>Construction:</b> \$ N/A	 Expected Completion: Spring/Summer 2021 Design R-O-W Const.
<b>D112 North Branch Tule River Bridge</b>  Elevation photo of the bridge	<b>District:</b> No. 2 – Pete Vander Poel <b>Division:</b> MG2 – Bridges <b>Designer:</b> NCM Engineering <b>Contractor:</b> TBD	Replacement of the existing structurally deficient bridge with a new two-lane bridge. Located on Road D112 over North Branch Tule River, south of Avenue 196.  Funding: Highway Bridge Program (HBP) – Federal.	<ul style="list-style-type: none"> <li>Final design in progress.</li> <li>No anticipated utility conflicts.</li> <li>In May all studies approved by Caltrans.</li> <li>NEPA Clearance expected in July. 60% PS&amp;E anticipated in July.</li> </ul>	<b>Design:</b> \$ 615,000 <b>Expenditures:</b> \$ 315,000 Other Phases: <b>Right-of-Way:</b> \$ 20,000 <b>Construction:</b> \$ 2,380,000	 Expected Completion: Fall/Winter 2021 Design R-O-W Const.
<b>M109 White River Bridge</b>  Photo of bridge with temporary K-Rail protection	<b>District:</b> No. 5 – Dennis Townsend <b>Division:</b> MG2 – Bridges <b>Designer:</b> Dokken Engineering <b>Contractor:</b> TBD	Replacement of the existing structurally deficient bridge with a new two-lane bridge. Located on M109 over White River, 8 miles southwest of Fountain Springs.  Funding: Highway Bridge Program (HBP) Federal and Measure R (TCAG).	<ul style="list-style-type: none"> <li>In May Caltrans approved all contracts for BOS authorization.</li> <li>BOS approval of contracts in June.</li> <li>Project design began late June.</li> <li>Staff performing quarterly inspections to ensure temporary rail functioning as intended.</li> </ul>	<b>Design:</b> \$ 630,000 <b>Expenditures:</b> \$ 63,000 Other Phases: <b>Right-of-Way:</b> \$ 75,000 <b>Construction:</b> \$ 3,000,000	 Expected Completion: Fall/Winter 2024 Design R-O-W Const.


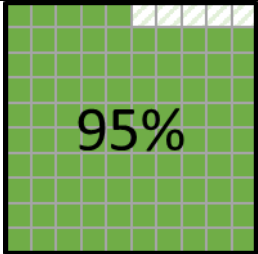

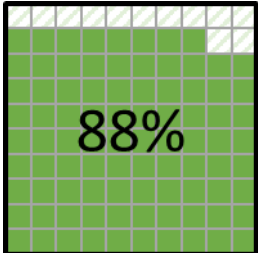
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
<b>Alpaugh Complete Street Improvements Project</b>  <p>Photo of Center St, near the Alpaugh Elementary School Crossing at Wilbur Road &amp; Center St.</p>	<b>District:</b> No. 2 – Pete Vander Poel III <b>Division:</b> MG2 – Roads <b>Designer:</b> Tulare County RMA <b>Contractor:</b> TBD	New concrete sidewalk, curb & gutter, ADA ramps, drainage facilities along Center St (btwn Tule & Ellis Rd) and 0.19 Mi of grind & replace AC treatment along Wilbur. In addition, a 5.8 Mile long HMA Overlay treatment along Ave 54 (btwn Road 16 & Railroad crossing at Ave 56) shall be placed.  Funding: Measure R.	<ul style="list-style-type: none"> <li>3 TCE contracts have been signed.</li> <li>90% QA/QC discussion meeting to be held on 7/24/20.</li> <li>Utility coordination is underway. (5) in conflict.</li> <li>ISR review initiated</li> <li>FH setbacks reviewed by Tulare Fire.</li> </ul>	<b>Design:</b> \$75,000 <b>Expenditures:</b> \$153,915 <b>Right-of-Way:</b> \$50,000 <b>Expenditures:</b> \$28,940 <b>Construction:</b> \$3,500,000	 <p>Expected Completion: Fall 2020</p>
<b>M375A Mineral King over East Fork Kaweah River</b>  <p>Elevation photo of the bridge</p>	<b>District:</b> No. 1 – Kuyler Crocker <b>Division:</b> MG2 – Bridges <b>Designer:</b> Cornerstone Structural Eng. Group <b>Contractor:</b> TBD	Rehabilitation of the existing structurally deficient, one lane, open spandrel arch bridge. Located on M375A Mineral King Road over the East Fork Kaweah River, 6.68 miles east of State Route 198.  Funding: Highway Bridge Program (HBP) – Federal.	<ul style="list-style-type: none"> <li>Rehab alternative previously selected via NEPA/CEQA environmental process.</li> <li>Additional materials testing indicates extensive degradation of primary structural components.</li> <li>Bridge rehab not a viable or cost effective solution (rehab: \$10-15M and only extend life of bridge by 20 years. Consultant team discussed measures to update/revise NEPA/CEQA documentation based on new recommended project alternative consisting of new parallel upstream crossing (leaving existing bridge in place to preserve historic bridge). Consultant is creating a virtual 3D model of the parallel structure for environmental studies.</li> </ul>	<b>Design:</b> \$ 1,560,000 <b>Expenditures:</b> \$ 1,099,000 Other Phases: <b>Right-of-Way:</b> \$ 20,000 <b>Construction:</b> \$ 9,000,000	 <p>Expected Completion: Winter 2021/Spring 2022</p>

Project Name	Contacts	Description	Progress Update	Project Budget	Completion
<b>Avenue 144 &amp; Road 96 Safety Improvements Project</b>  Photo of Avenue 144 & Road 96 Intersection	<b>District:</b> No. 2 – Pete Vander Poel III <b>Division:</b> MG2 – Roads <b>Designer:</b> Tulare County RMA <b>Contractor:</b> TBD	The project includes the conversion of a two-way stop-controlled intersection into a single lane rural roundabout, the installation of ADA ramp facilities within project limits, and related improvements (signing/striping, etc.).  Funding: Federal (HSIP).	<ul style="list-style-type: none"> <li>30% phase in progress.</li> <li>Environmental studies shall be prepared by consultant before NEPA clearance document is issued.</li> <li>Approved A&amp;E contract has been sent to Caltrans for review and acceptance. Next milestone is to obtain Caltrans approval to issue notice to proceed to consultant.</li> </ul>	<b>Design:</b> \$250,000 <b>Expenditures:</b> \$55,724 <b>Right-of-Way:</b> \$225,000 <b>Construction:</b> \$2,297,800	 Expected Completion: Fall 2022 Design → R-O-W → Const.
<b>Avenue 232 Safety Improvement Project</b>  Photo of Ave 232/Road 36 Intersection	<b>District:</b> No. 2 – Pete Vander Poel <b>Division:</b> MG2 – Roads <b>Designer:</b> Tulare County RMA <b>Contractor:</b> TBD	Installation of left-turn lanes along Avenue 232 at Road 36, Road 56, and Road 68, the installation of rumble strips/stripes along Avenue 232 within project limits.  Funding: Federal (HSIP), & Measure R.	<ul style="list-style-type: none"> <li>Right-of-way certification in progress.</li> <li>100% PS&amp;E in progress.</li> <li>Right-of-way certification and RFA for Construction next milestones.</li> </ul>	<b>Design:</b> \$ 130,000 <b>Expenditures:</b> \$ 139,000 Other Phases: <b>Right-of-Way:</b> \$ 300,000 <b>Construction:</b> \$ 1,500,000	 Expected Completion: Spring 2020 Design → R-O-W → Const.
<b>Avenue 80 Railroad Crossing Improvements Project</b>  Photo of Ave 80 Railroad Crossing	<b>District:</b> No. 2 – Pete Vander Poel <b>Division:</b> MG2 – Roads <b>Designer:</b> Tulare County RMA <b>Contractor:</b> TBD	Safety improvements for the Avenue 80 Railroad crossing. Improvements include pavement reconstruction, asphalt dike, and related improvements (Signing/Striping, etc.).  Funding: Federal (Section 130 Program), & Measure R.	<ul style="list-style-type: none"> <li>100% PS&amp;E complete.</li> <li>Project awarded to lowest apparent bidder.</li> <li>Notice to proceed anticipated in July.</li> </ul>	<b>Design:</b> \$ 40,500 <b>Expenditures:</b> \$ 69,000 Other Phases: <b>Right-of-Way:</b> \$ N/A <b>Construction:</b> \$ 330,000	 Expected Completion: Spring 2020 Design → R-O-W → Const.


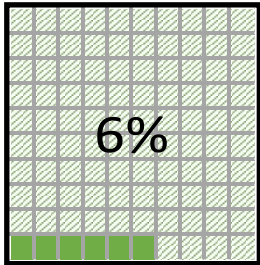

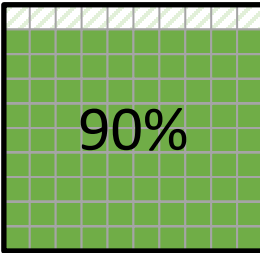


Project Name	Contacts	Description	Progress Update	Project Budget	Completion
<b>Avenue 256 &amp; Road 204 Signalization and Rehabilitation Project</b>  <p>Intersection of Avenue 256 &amp; Road 204 (existing conditions)</p>	<b>District:</b> No. 1 – Kuyler Crocker <b>Division:</b> MG2 – Design, Construction Mgmt. <b>Designer:</b> Development Services RMA - Public Works	<p>Installation of traffic signal at the intersection of Avenue 256 &amp; Road 204. This project also includes the road rehabilitation along Road 204 from the intersection to Avenue 264.</p> <p>Funding: Measure R (Regional).</p>	<ul style="list-style-type: none"> <li>Preparing utility conflict and Right-of-way exhibits (in-progress).</li> <li>Finalizing 30% design plans.</li> </ul>	<b>Design:</b> \$ 135,000 <b>Expenditures:</b> \$ 59,200 Other Phases: <b>Right-of-Way:</b> \$ 240,000 <b>Construction:</b> \$ TBD	 <p>Expected Completion: Summer 2020</p>
<b>Road 160 Sidewalk Improvements Project</b>  <p>Road 160 Existing Conditions</p>	<b>District:</b> No. 4 – Eddie Valero <b>Division:</b> MG2 – Design, Construction Mgmt. <b>Designer:</b> Development Services RMA - Public Works	<p>Pedestrian Improvements along Road 160 between Avenue 328 and Ivanhoe Elementary School (Avenue 332).</p> <p>Funding: Active Transportation Program (ATP).</p>	<ul style="list-style-type: none"> <li>Preliminary Environmental Study form approved by Caltrans. Staff anticipates environmental clearance (NEPA and CEQA) by the end of July.</li> <li>Staff to submit a funding allocation request to Caltrans for right-of-way funds once environmental is cleared.</li> </ul>	<b>Design:</b> \$ 185,000 <b>Expenditures:</b> \$ 53,700 Other Phases: <b>Right-of-Way:</b> \$ 263,000 <b>Construction:</b> \$ 1,025,000	 <p>Expected Completion: October 2020</p>
<b>Harvest Avenue Improvements Project</b>  <p>Photo of Existing Harvest Avenue Roadway Conditions</p>	<b>District:</b> No. 4 Eddie Valero <b>Division:</b> MG-1 Roads <b>Designer:</b> Tulare County RMA <b>Contractor:</b> TBD	<p>Improvements on Harvest Ave. between Road 64 and Road 68 include full reconstruction of existing roadway, installation of storm drain system, installation of curb &amp; gutter, and sidewalk.</p> <p>Funding: Measure R.</p>	<ul style="list-style-type: none"> <li>100% PS&amp;E completed.</li> <li>Right-of-way acquisition in progress.</li> <li>100% QA/QC complete.</li> <li>Authorization to bid obtained in June.</li> <li>Advertisement anticipated July 1st</li> </ul>	<b>Design:</b> \$ 60,000 <b>Expenditures:</b> \$ 113,000 Other Phases: <b>Right-of-Way:</b> \$ 20,000 <b>Construction:</b> \$ 1,200,000	 <p>Expected Completion: Spring 2020</p>

Project Name	Contacts	Description	Progress Update	Project Budget	Completion
<b>Avenue 364 Cottonwood Creek Bridge</b>  Elevation photo of the bridge	<b>District:</b> No. 4 – Eddie Valero  <b>Division:</b> MG2 – Bridges  <b>Designer:</b> NCM Engineering  <b>Contractor:</b> TBD	Replacement the existing functionally obsolete two-lane bridge with a new two-lane bridge. Located on Avenue 364 over Cottonwood Creek, 0.2 miles west of State Route 245.  Funding: Highway Bridge Program (HBP) – Federal.	<ul style="list-style-type: none"> <li>Final Design in progress.</li> <li>Right-of-way certification expected August 2020.</li> <li>Construction anticipated to start winter 2020/21. In May staff continued coordination with permitting agencies and consultant for final PS&amp;E.</li> </ul>	<b>Right-of-Way:</b> \$ 50,000 <b>Expenditures:</b> \$ 689,000 Other Phases: <b>Design:</b> \$ 600,000 <b>Construction:</b> \$ 2,800,000	 Expected Completion: Fall 2020 Design → R-O-W → Const.
<b>Avenue 392 Sand Creek Bridge</b>  Elevation photo of the bridge	<b>District:</b> No. 4 – Eddie Valero  <b>Division:</b> MG2 – Bridges  <b>Designer:</b> NCM Engineering  <b>Contractor:</b> TBD	Replacement of the existing functionally obsolete two lane bridge with a new two lane bridge. Located on Avenue 392 over Sand Creek, 0.4 miles east of Road 108.  Funding: Highway Bridge Program (HBP) – Federal.	<ul style="list-style-type: none"> <li>Final Design in progress.</li> <li>Right-of-way certification expected June 2020.</li> <li>Construction anticipated to start fall/winter 2020. In May staff continued coordinating with Caltrans and permitting agencies; pending permit issuance by July 2020.</li> </ul>	<b>Right-of-Way:</b> \$ 20,000 <b>Expenditures:</b> \$ 540,000 Other Phases: <b>Design:</b> \$ 495,000 <b>Construction:</b> \$ 2,600,000	 Expected Completion: Fall 2020 Design → R-O-W → Const.
<b>D112 Bates Slough Bridge</b>  Elevation photo of the bridge	<b>District:</b> No. 2 – Pete Vander Poel  <b>Division:</b> MG2 – Bridges  <b>Designer:</b> NCM Engineering  <b>Contractor:</b> TBD	Replacement of the existing structurally deficient bridge with a new two-lane bridge. Located on Road D112 over Bates Slough, south of Avenue 196.  Funding: Highway Bridge Program (HBP) Federal and Measure R (TCAG).	<ul style="list-style-type: none"> <li>NEPA clearance obtained in Jan 2020.</li> <li>Final design in progress.</li> <li>In March, Right-of-way funding received.</li> <li>Continued coordination with property owners and utilities for ROW phase. 60% PS&amp;E completed in June.</li> </ul>	<b>Right-of-Way:</b> \$ 20,000 <b>Expenditures:</b> \$ 348,000 Other Phases: <b>Design:</b> \$ 500,000 <b>Construction:</b> \$ 1,100,000	 Expected Completion: Fall/Winter 2021 Design → R-O-W → Const.

Project Name	Contacts	Description	Progress Update	Project Budget	Completion
<b>Avenue 424 Traver Canal Bridge</b>  <p>Elevation photo of the bridge</p>	<b>District:</b> No. 2 – Pete Vander Poel <b>Division:</b> MG2 – Bridges <b>Designer:</b> Moffat & Nichol <b>Contractor:</b> TBD	Replacement of the existing functionally obsolete two-lane bridge with a new two lane bridge. Located on Avenue 424 over Traver Canal, .25 miles east of Road 64.  Funding: Highway Bridge Program (HBP) – Federal.	<ul style="list-style-type: none"> <li>• Final Design in progress.</li> <li>• Right-of-way certification expected December 2020.</li> <li>• Pending fund availability, CON anticipated to start fall/winter 2021.</li> <li>• In May County coordinated terms of utility agreement between PG&amp;E and Caltrans, agreement approval anticipated by December.</li> <li>• Staff received approval from all property owners for ROW needs.</li> </ul>	<b>Right-of-Way:</b> \$ 100,000 <b>Expenditures:</b> \$ 631,000 Other Phases: <b>Design:</b> \$ 604,000 <b>Construction:</b> \$ 2,400,000	 <p>95%</p> <p>Expected Completion: Fall 2020</p> <p>Design → R-O-W → Const.</p>
<b>Road 204 Wutchumna Ditch Bridge</b>  <p>Elevation photo of the bridge</p>	<b>District:</b> No. 4 – Eddie Valero <b>Division:</b> MG2 – Bridges <b>Designer:</b> Quincy Engineering <b>Contractor:</b> TBD	Replacement of the existing functionally obsolete two-lane bridge with a new two-lane bridge. Located on Road 204 over Wutchumna Ditch, 0.1 miles south of Avenue 336.  Funding: Highway Bridge Program (HBP) – Federal.	<ul style="list-style-type: none"> <li>• Final design in progress.</li> <li>• Right-of-way certification expected September 2020.</li> <li>• Construction anticipated to start winter 2020/21 (pending fund availability).</li> <li>• 3 of 4 permits are complete, 1 permit is still pending, anticipated approval in August.</li> <li>• Negotiations with owners ongoing.</li> <li>• No utility relocation required.</li> </ul>	<b>Right-of-Way:</b> \$ 100,000 <b>Expenditures:</b> \$ 522,000 Other Phases: <b>Right-of-Way:</b> \$ 500,000 <b>Construction:</b> \$ 1,100,000	 <p>88%</p> <p>Expected Completion: Fall 2020</p> <p>Design → R-O-W → Const.</p>



Project Name	Contacts	Description	Progress Update	Project Budget	Completion
<b>Avenue 328 Safety Improvements Project</b>  Intersection of Avenue 328 & Road 156 (existing conditions)	<b>District:</b> No. 4 – Eddie Valero <b>Division:</b> MG2 – Design, Construction Mgmt. Development Services <b>Designer:</b> RMA - Public Works <b>Division:</b> MG2 – Roads <b>Designer:</b> Tulare County RMA <b>Contractor:</b> TBD	Safety improvements along Avenue 328 corridor consisting of the installation of left-turn pockets at the intersections of Road 112, Road 138, and Road 156.  Funding: Highway Safety Improvements Program (HSIP).	<ul style="list-style-type: none"> <li>65% design plans complete and under review by internal staff.</li> <li>Preparing utility conflict and Right-of-way exhibits (in-progress).</li> </ul>	<b>Right-of-Way:</b> \$ 75,000 <b>Expenditures:</b> \$ 4,700 Other Phases: <b>Design:</b> \$ 150,000 <b>Construction:</b> \$ 1,239,000	 Expected Completion: Winter 2020 Design → R-O-W → Const.
<b>East Orange Avenue (John J. Doyle Elementary) Pedestrian Crossing Enhancements Project</b>  Photo of Midblock Crossing along East Orange Avenue.	<b>District:</b> No. 5 – Dennis Townsend <b>Division:</b> MG2 – RMA-Roads <b>Designer:</b> Tulare County RMA <b>Contractor:</b> TBD	Install pedestrian crossing which will include: ADA ramps, sidewalk extension, RRFB system, advanced warning beacons, and 2,200 LF of centerline striping.  Funding: Federal (HSIP).	<ul style="list-style-type: none"> <li>100% QC comments being addressed. Discussion meeting will occur on 7/23/20.</li> <li>DBE% goal to be reviewed by Caltrans.</li> <li>RFA for CON to be submitted by 7/8.</li> <li>ROW Cert Package has been approved by Caltrans.</li> </ul>	<b>Right-of-Way:</b> \$15,000 <b>Expenditures:</b> \$9,683 <b>Design:</b> \$37,800 <b>Expenditures:</b> \$36,691 <b>Construction:</b> \$145,300	 Expected Completion: Fall 2020 Design → R-O-W → Const.

Percentage completion as depicted in these charts is an estimate based on the most recent payment as compared to the total contract value determined by the original award amount plus the total value of all change orders as of the last day of the month. Completed projects will continue to be shown until such time as they are closed out by the Board of Supervisors.

## **MANAGEMENT GROUP 2:**

### **ASSISTANCE TO ECONOMIC DEVELOPMENT/PLANNING PROJECTS**

Public Works provided GIS Maps to other branches of the Resource Management Agency. In June 45 maps were provided to the Planners for 10 separate projects.

### **ENCROACHMENT PERMITS**

In June staff processed a total of 58 new encroachment permit applications. The permit processing numbers and inspections continue to remain at high demand levels. County inspectors provided oversight and daily inspections for 25-30 daily/recurring active projects, and 7 tracts/parcel improvement projects.

#### **Permits Processed:**

- Processed and issued a total of 325 transportation permits comprised of: 12 rider permits, 38 single-trip permits (including over-sized or overweight loads) and 275 blanket/annual permits. The large increase in the volume of transportation permits come as staff has returned to the office following COVID-19 and processing/completing permits which had been backlogged as a result of decreased staffing capability while working remote;
- Issued 9 sub-encroachment permits for inspections of job sites under utility company annual/blanket maintenance permits, as well as reviewed sites, signing and safety for dozens of short-term repairs;
- Reviewed routing and issued permits for 2 house structure relocations;
- No Special Events are being processed at this time as a result of COVID-19.

Staff provided inspections and oversight for the following major projects while continuing to provide service to general permits including:

**Tract Map–789/Goshen Village Phase 1:** Construction of the first phase of the tract along Avenue 310 in Goshen has been is nearing completion and final inspection will be performed by Encroachment inspection staff. The contractor continues to wrap up off-site improvements and residents are beginning to move into the newly constructed homes. The contractor is in the process of beginning Phase II of the project and will continue to be monitored by County inspection staff.

**Tract Map-TSM16-002/Kingsburg Hash Subdivision:** Phase I of the project has been completed and accepted as complete by County Encroachment inspection staff. With the completion of this work the contractor is slowly continuing work on phase II of the tract development. Since the start of this work the contractor has completed the majority of the utility improvements and is beginning to work on rough grading of the roadways and began installation of the storm drainage system. Our inspectors provided oversight for water main pipelines, sewer and storm drain pipelines, utility trenching including electrical, gas, telecom, and cable services.



**Sequoia Gateway:** The contractor has recently begun work on the Sequoia Gateway development located south of Avenue 80 near State Route 99. The project has been broken into several phases which are currently planned to contain a hospital, hotel, gas station and several office spaces. At this time the contractor is beginning to work on rough grading of the roadway system within the development. The contractor has additionally started with the installation of the underground work for the storm drain system throughout the development. The contractor completed the sewer crossing at Avenue 280.

**Southern California Gas (Road 192 south of Avenue 152, Poplar):** Southern California Gas has continued with the installation of a 16-inch, high-pressure gas pipeline on Road 192 from Ave 96 to Ave 152 through the community of Cotton Center and Poplar. There are several specially designed bores to accommodate canals and State Route crossings, as well as a paving agreement to replace new asphalt on that route. This new pipeline is being placed to better serve the south county area, specifically, Setton Farms. At this point the majority of the mainline piping has been installed and the contractor is scheduled to complete the remaining tie-in and crossing work by the end of June.



**Pixley Subdivision on Elm: Tract Inspection: 20000002:** This is not a new subdivision, but a continuation of a tract map that has been delayed for decades due to community limitations and requirements for sewer. The current contractor has reviewed and evaluated the site and has recently began working in the area again. To date the contractor has completed the placement of the curb and gutter through the tract and has begun preparing the subgrade for roadway work. It is anticipated that all grading and placement of the new roadway section will be completed in the month of May.

### **MANAGEMENT GROUP 3:**

#### **FLOOD CONTROL**

Staff continue to work on the systemwide Condition Assessment Protocol to review the capacity and mechanical reliability of all of the 26 stormwater pump stations throughout the County. Staff conducted the first review and inspection of two pump stations in Orosi, which are being used to develop a template for reviewing and inspecting all other systems countywide.

Staff met with the manufacturer of the ToltHawk monitoring devices to determine and assess the potential application of these devices for various conditions and discuss potential technical issues therewith, including for water and sewer system operations as described below. This included a visit to the Reservation Road flood hotspot south of the Tule River Tribe's reservation along the Tule River.

Ross Miller, Chief Engineer, also attended the annual Lake Kaweah Enlargement Project JPA Executive and Technical Committee meeting as the County's alternate where the annual budget was reviewed and approved by the two committees.

The next flood commission meeting is in July.



## **CENTRAL ROAD YARD WATER SYSTEM**

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Staff continue to work to improve the water system, which operated with no outages in the month of June. The annual Consumer Confidence Report was posted throughout Central Road Yard and submitted to the Water Board.

Staff also assisted the performance testing at Fire Station 1 to ensure that the water system did not fail during the testing of the various systems.

Staff are working towards installing and troubleshooting a ToltHawk sensor in the fire tank to provide independent monitoring and verification of system operations. These are the same sensors used for monitoring streams throughout the County for the Flood Control District.

## **ZONES OF BENEFIT**

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Operations and maintenance of Zones of Benefit sewer systems continued with **no spills** in the sewer systems for the month of June 2020.

Operations and maintenance of Zones of Benefit water systems continued in June 2020 with **no known service interruptions** in all water systems.

The 2019 Consumer Confidence Report for Delft Colony, Yettem, and Seville water systems were prepared and mailed out to water users on June 18, 2020, and posted in public places on June 26, 2020 as required by State regulation.

A public hearing pertaining to the collection and establishment on the Tax Rolls of the delinquent service fee charges for the use of the water and/or sewer facilities of County Service Areas No. 1 and No. 2, Seville Water and Terra Bella Sewer System has been scheduled for August 4, 2020. Customers with delinquent balances been informed via mail of their delinquent balance and a Notice of Public Hearing for the collection of delinquent balances will be published on July 1, 8, and 15, 2020.

Staff are testing use of one of the ToltHawk devices for use in monitoring flows within a sewer system. This is being tested in Delft Colony and is intended to help provide additional data and use changes in flow to determine if there are equipment malfunctions or clogs.

The table below summarizes the data available for the water production and wastewater treatment for the month of May 2020. There is no data for the lift station at El Rancho, as there is no flow totalizer:

Zone of Benefit - Water & Wastewater Volumes May 2020				
Sewer Systems			Water Systems	
Total Monthly Flow (Gallons)		% Capacity	Total Monthly Flow (Gallons)	
Delft Sewer*	2,851,638	166%	Delft Water	2,817,000
Seville Sewer	627,950	42%	Seville Water	2,895,500
Yettem Sewer	643,974	51%	Yettem Water	1,018,700
Wells Tract Sewer	567,000	99%	Wells Tract Water	1,520,670
Tonyville Sewer	502,170	24%		
Tooleville Sewer	760,740	72%		
Traver Sewer	1,063,009	40%		
TBSMD	5,771,208	64%		
El Rancho Sewer	Treatment provided by City			
TOTAL12,787,689			TOTAL8,251,870	

Note: The Delft Colony Sewer System's totalizer malfunctioned for part of the month and was repaired.

## TRANSIT

On June 30, 2020, the Board of Supervisors adopted a Joint Powers Agreement to enter into the Tulare County Regional Transit Agency, a consolidated transit agency to provide transit service on behalf of all member agencies. Other members include all of the cities within the County except for Dinuba and Porterville, which are considering it in July, and Visalia, which has declined to join.

During the ongoing COVID-19 outbreak, TCaT is an essential service and continues to maintain regular service levels. As a result of social distancing and other policies, ridership has dropped despite growth earlier in the fiscal year. Staff have also been in frequent conference calls with all five of the transit agencies in Tulare County to discuss and share information such as strategies to address dropping ridership and other issues during the pandemic. Staff are working with our contractor, MV Transportation, to enact policies to ensure the safety and health of passengers and drivers but, again, have not reduced any services and do not plan to do so at this time. As an additional safety precaution, the County continues to use a third-party professional cleaning company to come and disinfect and clean the TCaT fleet on a weekly basis along with the daily cleaning MV is providing.

Staff participated in committee meetings with the other Tulare County transit agencies to review electronic fare collection options, including participating in remote demonstrations with three vendors. Staff are working with the other agencies to develop a Request for Proposal to procure one of these technologies that would allow purchase of it by all the systems.

Staff continue to review submitted vendor quotes for onboard surveillance cameras to install on TCaT fleet, these cameras will be WiFi capable to live stream in any bus on route and down load via WiFi connection. This security improvement is necessary for the safety and security of passengers and drivers and a benefit to the County.

Staff also continue to research and request information from vendors for stand-alone solar powered electronic bus stop schedules to provide real-time bus schedule and bus arrival times for passengers at major transit stops.

The following graph and chart compare this fiscal year's transit ridership to last fiscal year's ridership, both month-to-month, and fiscal-year-to-date. This data has generally been presented on a one-month delay to account for the reporting deadline in the transit services contract. As such, the chart here shows data for May:

	May	Prior May	Change	FYTD	Prior FYTD	Change
Total Ridership	9,514	24,470	-61.12%	219,812	259,266	-15.22%
Fixed Route Ridership	9345	23,803	-60.74%	215,748	252,545	-14.57%
Demand Response Ridership	169	667	-74.66%	4,064	6,721	-39.53%
Fixed Route Passengers per Mile	0.12	0.28	- 57.14%	.24	.29	-17.24%
Demand Response Passenger per Hour	1.16	1.74	-33.33%	.60	.64	-6.25 %

## **AIRPORT**

The Navigation Aids at Sequoia Field project was formally awarded to Kobo Utility of Sandwich, MA via Board Resolution 2020-0384 on June 30, 2020. At this time staff is reaching out to the contractor to identify a start date and to issue a Notice to Proceed to commence the project. Construction is anticipated to begin in August of 2020.

## **MANAGEMENT GROUP 4:**

### **SURVEYOR'S OFFICE**

The activities and projects in process and/or completed in June 2020 are as follows:

Certificate of Compliance	1	Public Document Requests	24
Corner Record	165	Record of Survey	38
Lot Line Adjustment	2	Vacation of Right of Way	3
Merger if Parcel	1	Tract Map	3
Parcel Map	24	Waived Parcel Map	1

Projects related to field services provided by the Surveyor's Office are as follows:

2019 RRAA Project 1	Monument Preservation Project
2019 RRAA Project 2	Farm to Market Rehab 2.0
ATP Pixley Main Street	Avenue 280 County Line to SR 280
Betty Drive/Road 67	Friant-Kern Canal Project
Bridge: M109, White River	Cutler/Orosi Measure R
Bridge: 46C0004, D112	Denville Measure R
Bridge: D112, Bates Slough	East Kingsburg Measure R
Bridge: Cottonwood	Road Maintenance, Remove Tree
Bridge: Avenue 204, Wutchumna	Solid Waste, Teapot Dome
Bridge: Avenue 428, Sand Creek	Solid Waste, Visalia Landfill (Phase 4)
Encroachment (multiple)	Teviston Avenue 80 RxR Xing
HSIP Cycle 7 Avenue 238	

Respectfully submitted,

**Reed Schenke**

REED SCHENKE, PE  
Director

RS/nw

cc: Michael Washam, RMA Associate Director  
Sherman Dix, RMA Fiscal Services Director



# Tulare County RMA – Road Maintenance Activities

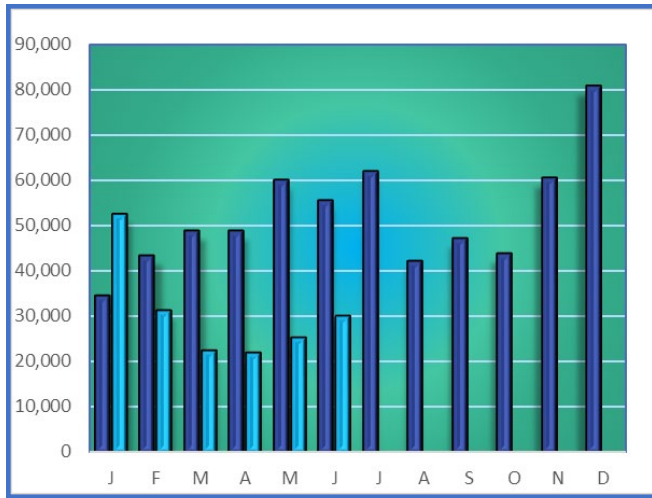
June 2020

Dark Blue = 2019

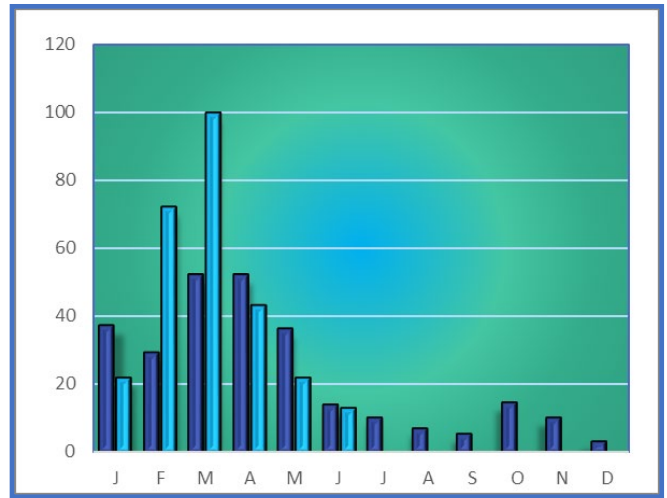
Light Blue = 2020



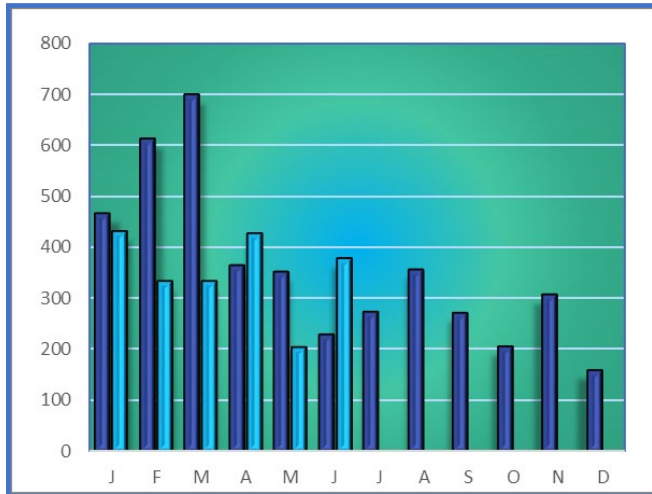
## Potholes Patched



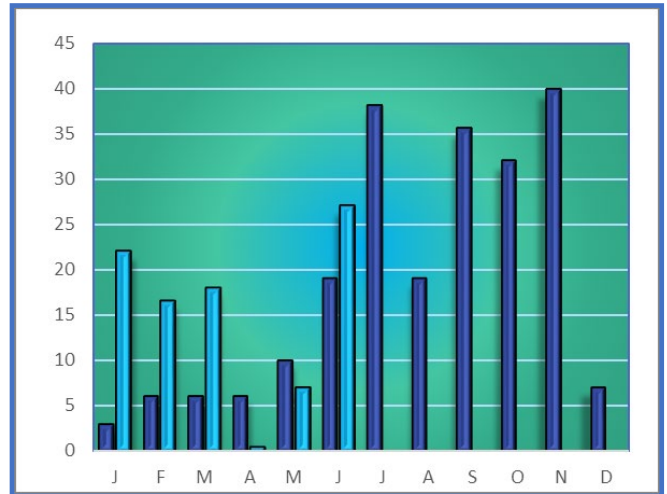
## Shoulder Maintenance (miles)



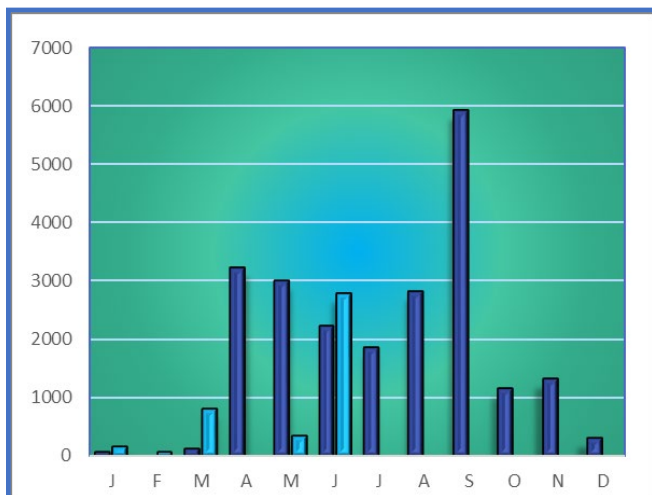
## Traffic Signs



## Blade Patch (miles)



## Road Stencil (sq. ft.)



## Road Stripe (miles)

