



# RESOURCE MANAGEMENT AGENCY

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MICHAEL WASHAM, ASSOCIATE DIRECTOR

June 5, 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 Five)  
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 May 2020.

## **Clean Water Now Flowing in Seville**

For the first time in nearly five years the community of Seville has clean tap water due in part to the efforts of the Public Works Division of the County of Tulare. The water system had been on a continuous boil water notice since June 2015, which was rescinded on May 15, 2020 at the direction of the State Water Board Division of Drinking Water. The County became the court-appointed receiver of this water system in 2009 when state regulators and community activists asked the County to help. The system had fallen into disrepair from a combination of age and insufficient maintenance. Conditions on this system worsened during the 2011-2017 California Drought, where groundwater levels in the area fell and the well was no longer capable of meeting system demands as the distribution system had significant leaks. A new well was installed in 2014 but the system was still not able to provide enough water to meet demand and system losses. At that time, the Yettem-Seville Water System Improvement Project (the Project) was designed, which includes two phases. The first phase is to construct the replacement distribution system in Seville and a tank for fire storage. This project is substantially complete. Staff expect to request that the Board of Supervisors issue the Notice of Completion in July. Staff are working to transfer operations of the Seville water system to the newly formed Yettem-Seville Community Services District (YSCSD). The County and YSCSD are working on an agreement to transfer the water systems in Yettem and Seville and to establish a partnership to complete the second phase of the Project. The County, working with YSCSD and other stakeholders, has begun a grant application to construct the second phase of the project to add a new well in Yettem and connect both water systems along Avenue 384. This next phase of construction is expected in 2021 or 2022.



## **MANAGEMENT GROUP 1:**

For May work highlights performed by Management Group 1 are as follows:

ROAD MAINTENANCE			
Work Performed	LAST Month Total	THIS Month Total	Percent Increase/Decrease(-) from Prior Month
Potholes Patched	21960	25278	15%
Shoulder work (Lane miles)	43	22	-49%
Blade Patches (Miles)	0.5	7	1300%
Bridges maintained	3	2	-33%
Constituent requests	35	48	37%
After hour call-outs	5	7	40%

On May 26<sup>th</sup> Tulare County Road Yard staff returned to work full-time since the COVID-19 work restrictions were implemented on March 23<sup>rd</sup>. A “Back to Work” plan was implemented to address social distancing and other safety measures to be followed **at all times**. Additionally, a “Heat Illness and Prevention” plan was implemented.



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

## ROAD DISTRICT 1:

Activities in May include:

- Snow plowed in mountain areas (Camp Nelson, Bear Creek, Blue Ridge, Alpine Village, Sequoia Crest, and Redwood Drive);
- Mowed shoulders (A256 near R212, R216 near A250, R256 near A212, and M296 near HW198).



*Cleared debris and opened Mountain Road 107 (Western Divide) and 296*

## **ROAD DISTRICT 2:**

Activities in May include:

- Prepared three roads for grinding and overlay (Harrison Road, Avenue 266 and Santa Fe);
- Conducted weed abatement on Tipton overpass and Avenue 152 overpass at Highway 99;
- Two days of tractor mowing on various roads (Graham between Jayne to Lipscomb, D112 between A152 to A164, and D88 between A272 to A280).



*Temporary Sidewalk Repair in Pixley*





*Pavement Grinding on Santa Fe at Avenue 272*

#### **ROAD DISTRICT 4:**

Activities in May include:

- Removed downed trees from right-of -way on Mills Drive west of Road 160 and El Rio west of Road 166;
- Mowing, trimming, and weed abatement around Road District 4 (D23, R36, D60, R80, R96, and A416).



*Repaired sinkholes on North Fork Drive*

#### **ROAD DISTRICT 5:**

Activities in May include:

- Removed graffiti and painted bridge on Mountain Road 99;
- Repaired washouts and sinkholes in mountain areas.





*Blade patched Road 238 between Avenue 84 and Avenue 88*



*Repaired pavement edge failure on Avenue 96*

## TRAFFIC CONTROL:

Activities in May include:

### SIGN MAINTENANCE

Work Performed	Last Month Total	This Month Total	Percent Increase/Decrease(-) from Prior Month
New signs installed	4	11	175%
Routine maintenance of signs	146	113	-23%
Vandalized signs repaired/replaced	176	72	-59%
Worn traffic signs repaired/replaced	102	6	-94%
Miles of Road striped	50	10	-80%
Stencils installed (Sq ft)	1	331	33000%
Traffic signal/light repair	2	5	150%
Illegal signs Removed from Right of Way	0	0	0%

- Set-up sign barricades for COVID-19 testing site in Porterville;
- Fabricated and distributed “Sanitize hands before Use” signs;
- Coordinated with Fresno County and upgraded signage at Avenue 432 and Road 120.



*Prepared signs on the digital printer*

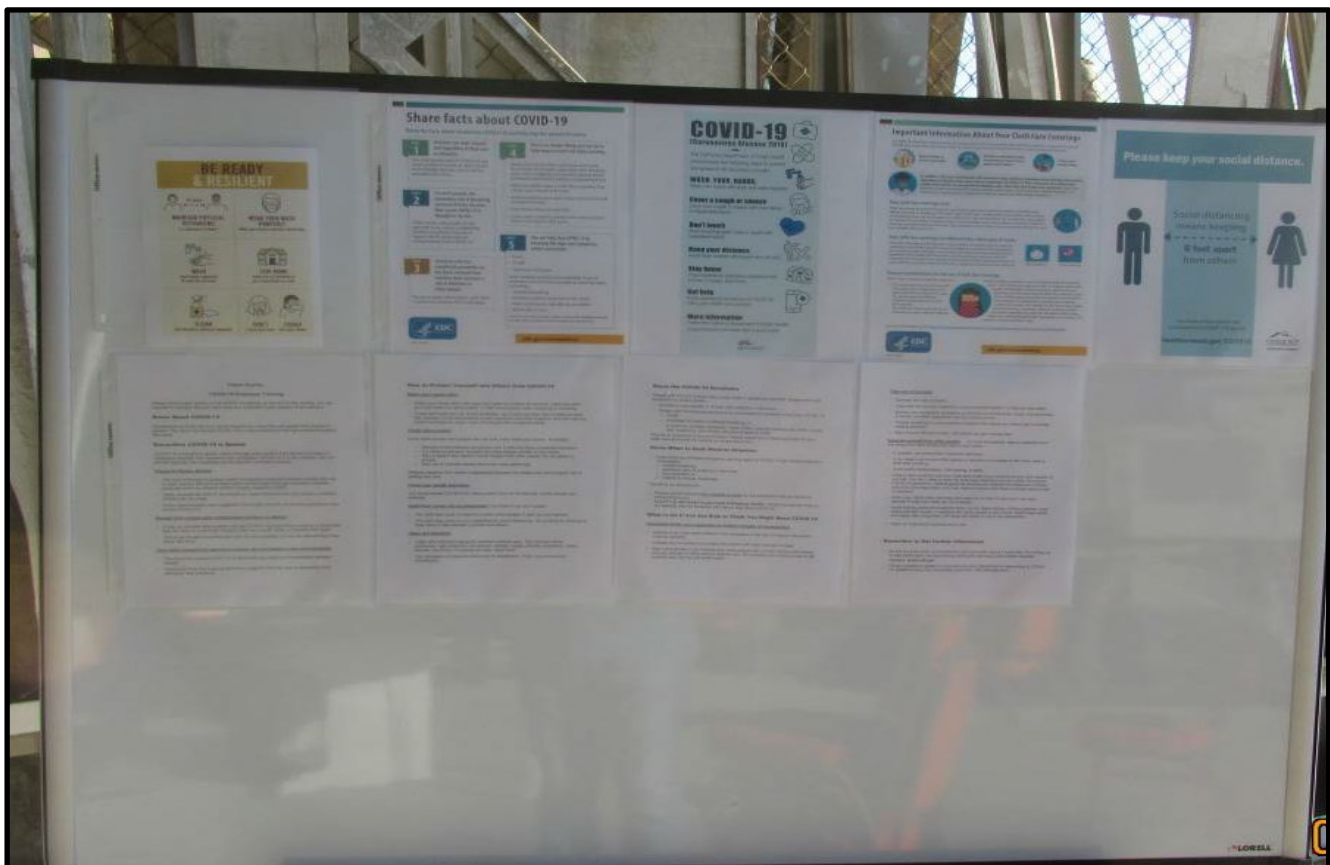


## TRAFFIC DIVISION:

- 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;
- Review request for Stop sign on Road 220 and Avenue 176;
- Continued gathering traffic data information as requested for pre and post construction projects.

## SAFETY:

- For the month of May there were 2 claims filed through Risk Management during this reporting period;
- Conducted site visits to ensure construction and COVID-19 safety protocols are being followed;
- Secured and prepared hand sanitizer for road yard staff.



*Post COVID-19 prevention information at the road yards*

## ENCROACHMENTS:

### ENCROACHMENTS

Work Performed	Last Month Total	This Month Total	Percent Increase/Decrease(-) from Last Month
Photos taken for encroachments, collisions, etc.	241	161	-33%
Calls of complaints, violations	27	38	41%
Encroachments cases opened - Letters sent	1	2	100%
Encroachment cases closed due to compliance	4	3	-25%
After hour alarm calls for roadyards	3	2	-33%
Miles driven to patrol roads	364	427	17%

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

- Received 2 after-hour calls for tripped alarms;
- Property owner on Road 228 south of Avenue 194 removed 60 trees to comply:



*Before*



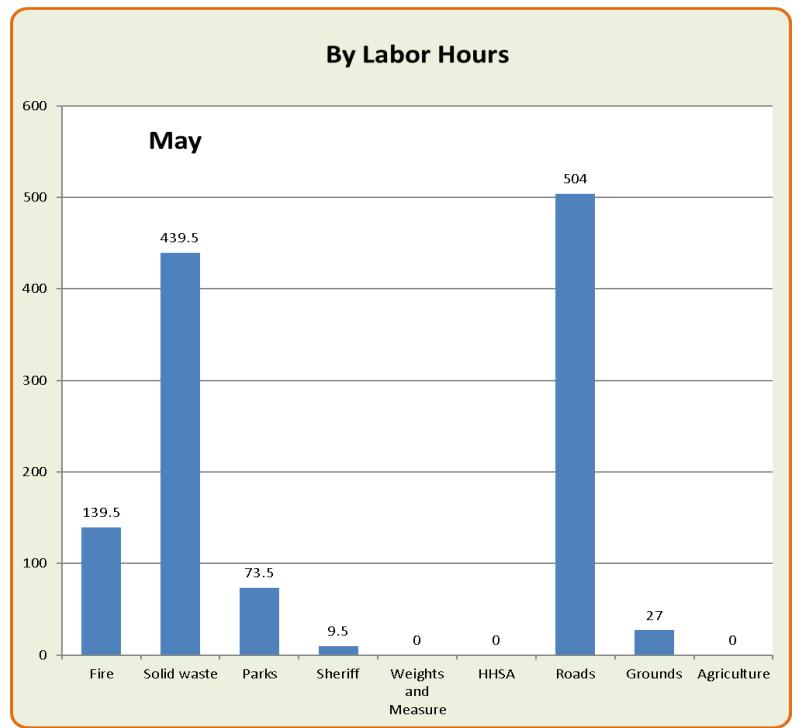
*After*






## HEAVY EQUIPMENT MAINTENANCE DIVISION:

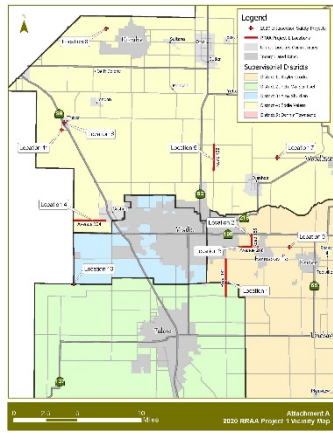

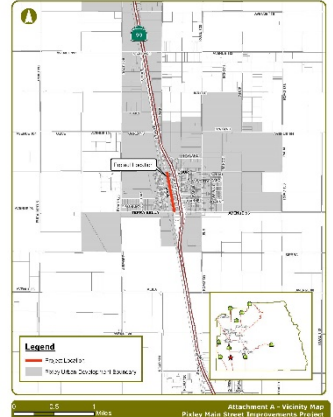
For the month of May the Heavy Equipment Shop maintained various pieces of equipment for 7 agencies completing 219 work orders for a total of 1,193 hours as shown in the chart below:


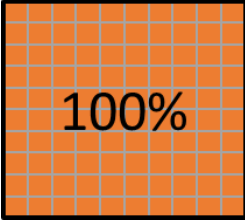

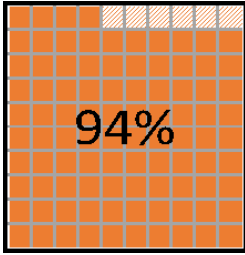

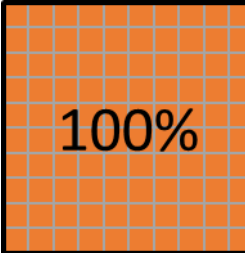
Agency	Work Orders	Labor Hours
Fire	20	139.5
Solid waste	64	439.5
Parks	14	73.5
Sheriff	3	9.5
Weights and Measure	0	0
HHSA	0	0
Roads	112	504
Grounds	6	27
Agriculture	0	0
<b>Total</b>	<b>219</b>	<b>1193</b>






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>Contractor has completed paving work on Road 168, Road 208, D140 and Avenue 144.</li> <li>Contractor has completed centerline striping on Road 168 and Road 208.</li> <li>Contractor returning to completed site to raise survey monuments.</li> </ul>	<b>Budget:</b> \$ 6,771,377 <b>Award:</b> \$ 6,437,026 <b>CO's to Date:</b> \$ 0 <b>Total Contract:</b> \$ 6,771,377 <b>Payments:</b> \$ 5,811,236 Last Payment: 5/27/2020	<div>90%</div> <p>Expected Completion: June 2020</p> <div>Design R-O-W Const.</div>


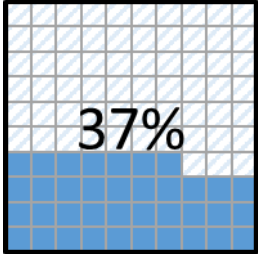

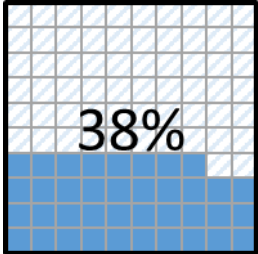

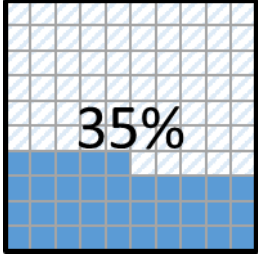


Project Name	Contacts	Description	Progress Update	Project Budget	Completion
<b>2020 RRAA Project 1</b> 	<b>District:</b> Nos. 1, 2, 3, 4, &5	Project consisting of 1) Asphalt resurfacing and Pulverization on the following roads: Road 140, Road 156, Avenue 288, Avenue 304, Road 132 2) Asphalt resurfacing at 6 intersections  Funding: Local County Road Funds (SB1)	<ul style="list-style-type: none"> <li>Project awarded by the Board of Supervisors on 5/19/20.</li> <li>County staff ensuring hosting of pre-construction meeting.</li> <li>Beginning submittal review and approval process.</li> </ul>	<b>Budget:</b> \$ 5,122,089 <b>Award:</b> \$ 4,866,276 <b>CO's to Date:</b> \$ <b>Total Contract:</b> \$ 5,122,089 <b>Payments:</b> \$	<div>0%</div> <p>Start of work : June 2020</p> <div>Design R-O-W Const.</div>
<b>Road 192 and Road 204 Rehabilitation Project</b>  <p>Road 192 South of Avenue 136</p>	<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	<div>97%</div> <p>Substantial Completion: December 2019</p> <div>Design R-O-W Const.</div>
<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	<div>17%</div> <p>Expected Completion: September 2020</p> <div>Design R-O-W Const.</div>


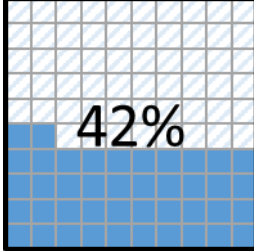

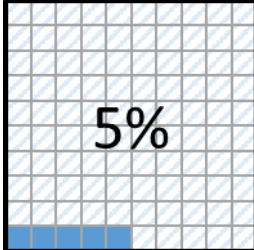

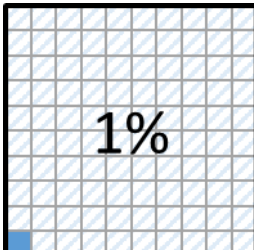
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
<b>Transit Operations &amp; Maintenance Facility (TOMF)</b>  <p>Photo of Operations Building, looking east from Road 140</p>	<b>District:</b> No. 2 - Pete Vander Poel <b>Division:</b> MG3 – Special Projects <b>Designer:</b> Arrington 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>Contractor installed majority of SS tubing throughout the site.</li> <li>County staff continuing to work with So Cal Gas to acquire service.</li> <li>Anticipated that work will be completed and accepted in June.</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> \$ 2,360,252 Last Payment: 4/30/2020	 <p>94%</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>

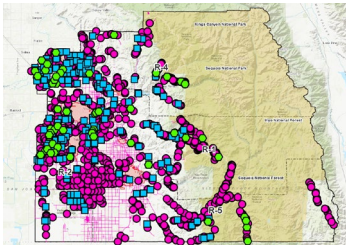
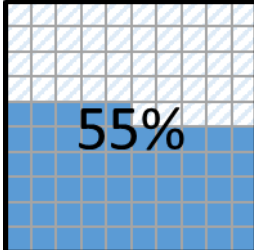

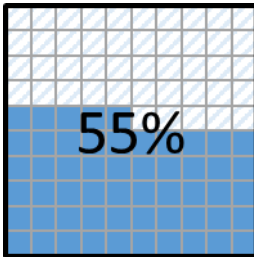

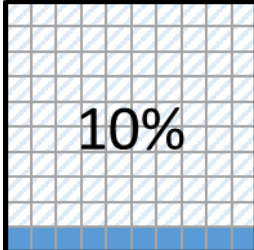



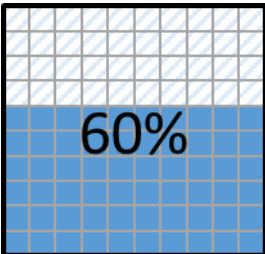

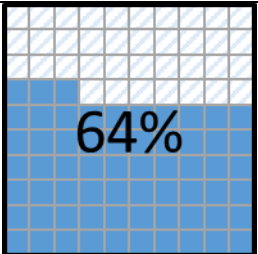
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
<b>M348 South Fork Kaweah River Bridge</b>  Photo of the bridge covered with light snow	<b>District:</b> No. 1 – Kuyler Crocker <b>Division:</b> MG2 – Bridges <b>Designer:</b> Quincy Engineering <b>Contractor:</b> TBD	Replacement 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 July.	<b>Design:</b> \$ 500,000 <b>Expenditures:</b> \$ 182,000 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 continued during month of May.</li> </ul>	<b>Design:</b> \$ 600,000 <b>Expenditures:</b> \$ 348,000 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> \$ 222,000 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.


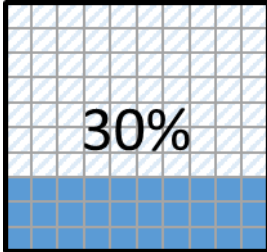
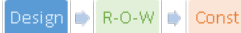

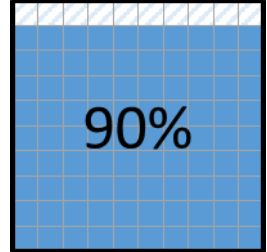
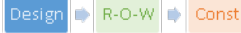

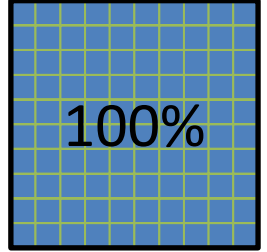
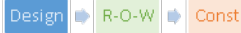


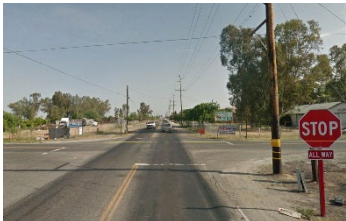
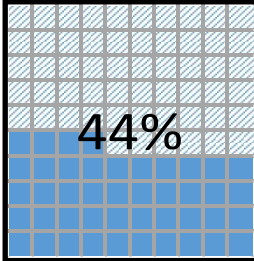

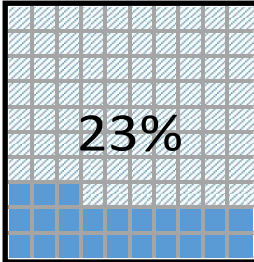

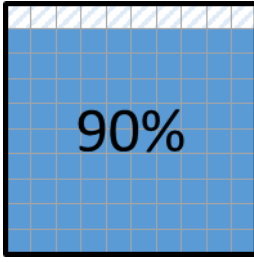
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
<b>Avenue 428 Sand Creek Bridge</b>  Elevation photo of the bridge	<b>District:</b> No. 4 – Eddie Valero <b>Division:</b> MG2 – Bridges <b>Designer:</b> TRC Companies <b>Contractor:</b> TBD	Replacement of the existing structurally 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.</li> <li>NEPA clearance anticipated Jan 2021.</li> </ul>	<b>Design:</b> \$ 605,000 <b>Expenditures:</b> \$ 261,000 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.</li> <li>Pending procurement of on-call environmental consultant for NEPA clearance (9/2020).</li> </ul>	<b>Design:</b> \$ 238,200 <b>Expenditures:</b> \$ 41,000 Other Phases: <b>Right-of-Way:</b> \$ N/A <b>Construction:</b> \$ 985,800	 5% 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.</li> </ul>	<b>Design:</b> \$ 898,700 <b>Expenditures:</b> \$ 17,000 Other Phases: <b>Right-of-Way:</b> \$ N/A <b>Construction:</b> \$ 3,668,300	 1% Expected Completion: Summer/Fall 2023 Design R-O-W Const.


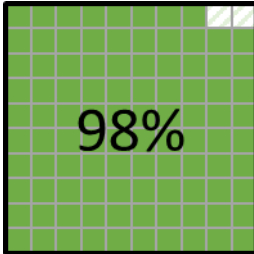

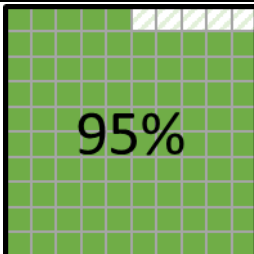

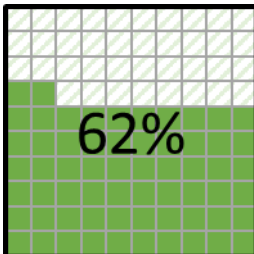
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
<b>Bridge Preventive Maintenance Plan for Bridges Under 20 Feet</b>  County Map with all bridges under 20 feet	<b>District:</b> Countywide <b>Division:</b> MG2 – Bridges <b>Designer:</b> Tulare County RMA <b>Contractor:</b> TBD	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 May staff continued filtering data; supplemental inspections necessary. Summary report anticipated in summer.</li> </ul>	<b>Design:</b> \$ 250,000 <b>Expenditures:</b> \$ 143,000 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 June. 60% PS&amp;E anticipated in June.</li> </ul>	<b>Design:</b> \$ 615,000 <b>Expenditures:</b> \$ 313,000 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 kick-off meeting scheduled for June 3, 2020.</li> </ul> Staff performing quarterly inspections to ensure temporary rail functioning as intended.	<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>• ROW staking has been completed and verified.</li> <li>• 60% QA/QC has begun via Bluebeam.</li> <li>• Utility notices have been sent.</li> <li>• Appraisal process is ongoing.</li> </ul>	<b>Design:</b> \$75,000 <b>Expenditures:</b> \$133,506.20 <b>Right-of-Way:</b> \$50,000 <b>Expenditures:</b> \$14,525.87 <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 Rehabilitation is not a viable or cost-effective solution (Rehab would cost \$10-15 million and only extend life of bridge by 20 years. In May 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).</li> </ul>	<b>Design:</b> \$ 1,560,000 <b>Expenditures:</b> \$ 1,080,000 Other Phases: <b>Right-of-Way:</b> \$ 20,000 <b>Construction:</b> \$ 9,000,000	 <p>Expected Completion: Winter 2021/Spring 2022</p>


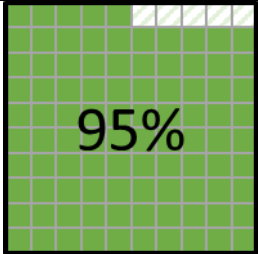

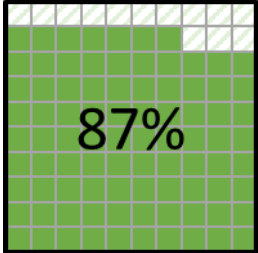



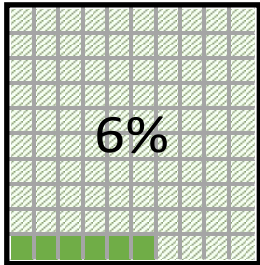

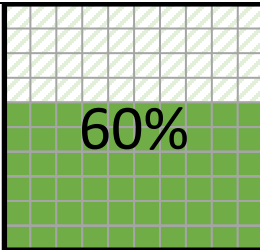
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
<b>Avenue 144 &amp; Road 96 Safety Improvements Project</b>    Photo of Avenue 144 & Road 96 Intersection	<b>District:</b> No. 2 – Pete Vander Poel III  <b>Division:</b> MG2 – Roads  <b>Designer:</b> Tulare County RMA  <b>Contractor:</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>• A&amp;E Consultant Contract is awaiting consultant signatures.</li> </ul>	<b>Design:</b> \$250,000 <b>Expenditures:</b> \$52,103.88 <b>Right-of-Way:</b> \$225,000 <b>Construction:</b> \$2,297,800	  Expected Completion: Summer 2020 
<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 in progress.</li> <li>• 100% PS&amp;E in progress.</li> <li>• Right-of-Way certification next milestone.</li> </ul>	<b>Design:</b> \$ 130,000 <b>Expenditures:</b> \$ 135,000 Other Phases: <b>Right-of-Way:</b> \$ 300,000 <b>Construction:</b> \$ 1,500,000	  Expected Completion: Spring 2020 
<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 was advertised. Award/begin construction is the next milestone.</li> </ul>	<b>Design:</b> \$ 40,500 <b>Expenditures:</b> \$ 65,000 Other Phases: <b>Right-of-Way:</b> \$ N/A <b>Construction:</b> \$ 330,000	  Expected Completion: Spring 2020 

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> \$ 59,000 Other Phases: <b>Right-of-Way:</b> \$ 240,000 <b>Construction:</b> \$ TBD	 <p>Expected Completion: Summer 2020</p> <p>Design → R-O-W → Const.</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>Finalized Preliminary Environmental Study per Caltrans comments.</li> <li>Finalized 30% Design Plans.</li> </ul>	<b>Design:</b> \$ 185,000 <b>Expenditures:</b> \$ 42,400 Other Phases: <b>Right-of-Way:</b> \$ 263,000 <b>Construction:</b> \$ 1,025,000	 <p>Expected Completion: October 2020</p> <p>Design → R-O-W → Const.</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 completed.</li> <li>100% QA/QC is the next milestone.</li> </ul>	<b>Design:</b> \$ 60,000 <b>Expenditures:</b> \$ 95,000 Other Phases: <b>Right-of-Way:</b> \$ 20,000 <b>Construction:</b> \$ 1,200,000	 <p>Expected Completion: Spring 2020</p> <p>Design → R-O-W → Const.</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 anticipated in June.</li> </ul>	<b>Right-of-Way:</b> \$ 20,000 <b>Expenditures:</b> \$ 345,000 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>  Elevation photo of the bridge	<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 July 2020.</li> <li>• Pending fund availability, CON anticipated to start fall/winter 2020.</li> <li>• In May County coordinated terms of utility agreement between PG&amp;E and Caltrans, agreement approval anticipated by July.</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	 Expected Completion: Fall 2020 Design → R-O-W → Const.
<b>Road 204 Wutchumna Ditch Bridge</b>  Elevation photo of the bridge	<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 July/August 2020.</li> <li>• Construction anticipated to start winter 2020/21 (pending fund availability).</li> <li>• In April team submitted all permit applications.</li> <li>• Negotiations with owners ongoing.</li> <li>• No utility relocation required.</li> </ul>	<b>Right-of-Way:</b> \$ 100,000 <b>Expenditures:</b> \$ 517,000 Other Phases: <b>Right-of-Way:</b> \$ 500,000 <b>Construction:</b> \$ 1,100,000	 Exected Completion: Fall 2020 Design → R-O-W → Const.

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>Finalizing 65% design plans. Preparing utility conflict and Right-of-way exhibits (in-progress).</li> </ul>	<b>Right-of-Way:</b> \$ 75,000 <b>Expenditures:</b> \$ 4,100 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>60% QC comments being addressed.</li> <li>NEPA Clearance document has been received.</li> <li>E-76 for ROW phase has been received and filed. ROW donation letter has been sent to school district.</li> </ul>	<b>Right-of-Way:</b> \$15,000 <b>Expenditures:</b> \$2,235.06 <b>Design:</b> \$37,800 <b>Expenditures:</b> \$36,642.14 <b>Construction:</b> \$187,000	 Expected Completion: Summer 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 May 27 maps were provided to the Planners for 6 separate projects.

### **ENCROACHMENT PERMITS**

In May staff processed a total of 69 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 4 tracts/parcel improvement projects. As the weather allows, many projects in the mountain areas are beginning to resume, with a special focus on updating utility services, including pole replacement and fire tender clearing.

#### **April Permits Processed:**

- Processed and issued a total of 66 transportation permits comprised of: 40 rider permits, 14 single-trip permits (including over-sized or overweight loads) and 12 blankets/annual permits. Efficiency of processing of annual permits has been decreased as a result of COVID-19 as adjustments were made to allow staff to work remotely.
- 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.

	Jan 2020	Feb 2020	Mar 2020	Apr 2020	May 2020	Jun 2020	Jul 2020	Aug 2020	Sep 2020	Oct 2020	Nov 2020	Dec 2020
<b><u>Transportation:</u></b>	58	39	63	23	26							
Trans. Annual	14	9	52	3	12							
Trans. Riders	18	22	11	23	14							
Single Trip	44	30	11	11	14							
<b><u>Encroachment:</u></b>	30	31	29	61	69							
Utility	20	20	13	47	46							
Standard	10	9	14	13	21							
Curb & Gutter	0	1	1	0	1							
Encr. Annual	0	1	1	1	1							
Sub/Permits Maint. Insp.	9	9	9	9	7							
Special Events:	2	4	1	2	0							
House Moving:		2	1		2							

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. Contractor 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 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 and 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. Contractor completed the sewer crossing at Ave 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 recent began working in the area again. To date the Contractor has completed the placement of the curb and gutter through the tract and has began 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 are developing a system wide Condition Assessment Protocol to address capacity and mechanical reliability issues for all of the 26 Storm Water Pump Stations in the county. The last full assessment was conducted over 10 years ago and in view of growth in the county, staff thought it should review the entire system. In addition, staff will develop a program to review the condition of all pumps annually and create a new record system for storing and reviewing annual assessments.

The Tolthawk Monitoring System for stream flow is being expanded to more locations and should be completed in the next few months. In addition, the system is being evaluated for use in various ZOB locations to improve response to equipment and operational failures with the goal being reduction in operating cost and improving system reliability.

#### **CENTRAL ROAD YARD WATER SYSTEM**

On May14th, the water system serving the Central Road Yard, Transit Operations & Maintenance Facility, and Fire Station 1 was cleared by the State Water Board for drinking water use without restriction. The motor for the fire pump was replaced as well. Minor modifications to the system are ongoing to improve system reliability and efficiency.

#### **ZONES OF BENEFIT**

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

Operations and maintenance of Zones of Benefit water systems continued in May 2020 with **no known service interruptions** in all water systems. The Seville Water System's boil water notice was rescinded on May 15<sup>th</sup> and the system has experienced no service interruptions since.

Staff will be mailing out notices of delinquent account to all water and sewer users with delinquent balances. Users are advised of the payment timeline before sending the delinquent balance into the property tax roll. The Public Hearing for the matter of applying delinquent balances onto property taxes is set to take place on August 4, 2020. In order to follow Governor Newson's Executive Order N-42-20, the County will be offering payment arrangements for those affected by COVID-19.

The table below summarizes the data available for the water production and wastewater treatment for the month of April 2020. There is no data for the lift station at El Rancho, as there is no flow totalizer. The totalizer at Delft Colony Water has been replaced and was placed in service early May. The flow reading at Delft Colony Wastewater Treatment facility treatment is higher than normal. We do anticipate higher treatment flow due to more people staying home due to the Governor's shelter in place order; nonetheless, we have asked the operator to investigate to be certain there was no significant leak or equipment failure.

Zone of Benefit - Water & Wastewater Volumes April 2020				
Sewer Systems			Water Systems	
Total Monthly Flow (Gallons)		% Capacity	Total Monthly Flow (Gallons)	
Delft Sewer	2,137,279	125%	Delft Water	Totalizer Repaired in May
Seville Sewer	662,780	44%	Seville Water	1,027,800
Yettem Sewer	680,329	54%	Yettem Water	715,800
Wells Tract Sewer	593,000	104%	Wells Tract Water	680,150
Tonyville Sewer	430,460	20%		
Tooleville Sewer	684,300	65%		
Traver Sewer	1,109,010	42%		
TBSMD	5,730,390	64%		
El Rancho Sewer	Treatment provided by City			
TOTAL 12,027,548			TOTAL 2,423,750	

## TRANSIT

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 is dropping despite recent ridership growth. 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 County is having 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 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 April:



	April	Prior April	Change	FYTD	Prior FYTD	Change
Total Ridership	7,743	24,587	-68.51%	210,295	232,357	-9.49%
Fixed Route Ridership	7,592	23,207	-67.29%	206,403	228,742	-9.77%
Demand Response Ridership	151	690	-67.86%	3,892	5,462	-28.74%
Fixed Route Passengers per Mile	0.09	0.28	-67.86%	.26	.29	-10.34%
Demand Response Passenger per Hour	.81	1.74	-53.45%	1.71	1.51	13.25 %

## **AIRPORT**

Staff have prepared an application for airport funding under the CARES Act, which will provide approximately \$20,000 for operations and maintenance of Sequoia Field. Staff anticipate awarding the Navigation Aids project in June.

## **MANAGEMENT GROUP 4:**

### **SURVEYOR'S OFFICE**

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

Certificate of Compliance	1	Public Document Requests	30
Corner Record	160	Record of Survey	36
Lot Line Adjustment	1	Vacation of Right of Way	2
Merger if Parcel	2	Tract Map	7
Parcel Map	25	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	Pepper Avenue ADA
2 <sup>nd</sup> Street Orosi Drive Intersection	Road 159/Avenue 328 Intersection
Alpaugh Center Street	RMRA 19/Road 192
ATP Pixley Main Street	RMRA 19/Road 204
Betty Drive/Road 67	RRAA 2020 Project #1
Bridge D112 Bates Slough	RRAA 2020 Project #3
Bridge: Cottonwood	RRAA 2020 Project #3 Avenue 266
Earlimart Sidewalk Improvement	RRAA 2020 Project #3 Paige
Encroachment (multiple)	RRAA 2020 Project #3 Santa
Harvest Ave., Goshen	Solid Waste, Teapot Dome
HSIP Cycle 7, Avenue 232	Teviston Avenue 80 RxR Xing

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

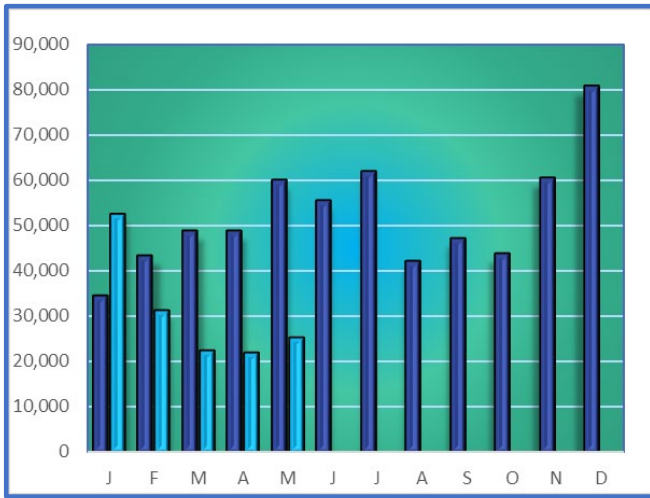
May 2020

Dark Blue = 2019

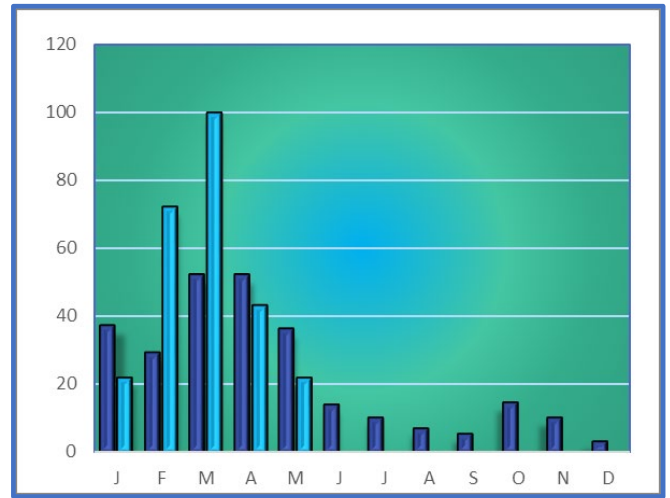
Light Blue = 2020



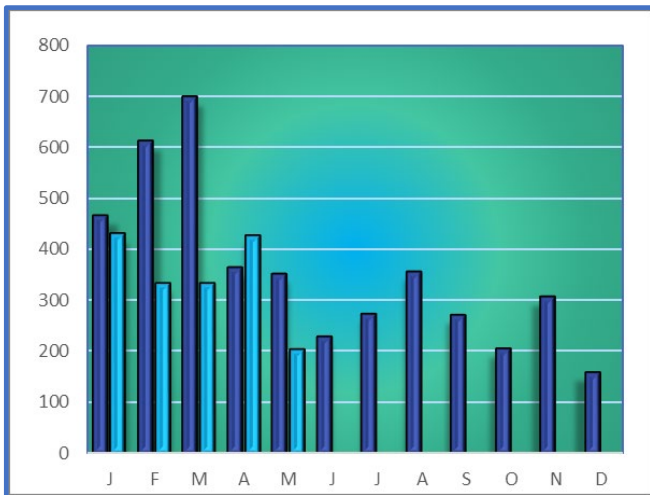
## Potholes Patched



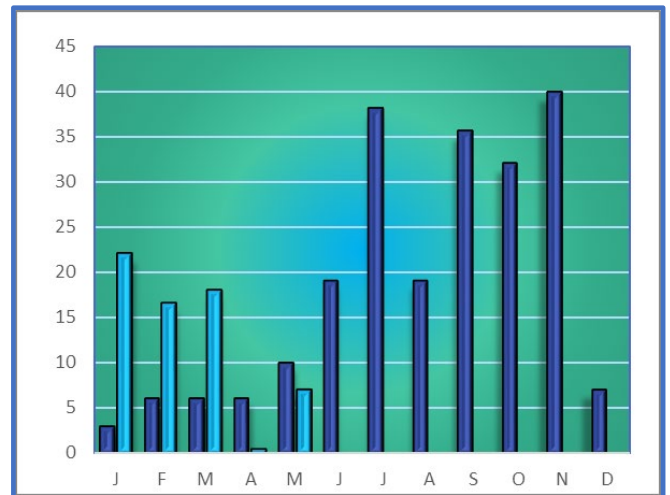
## Shoulder Maintenance (miles)



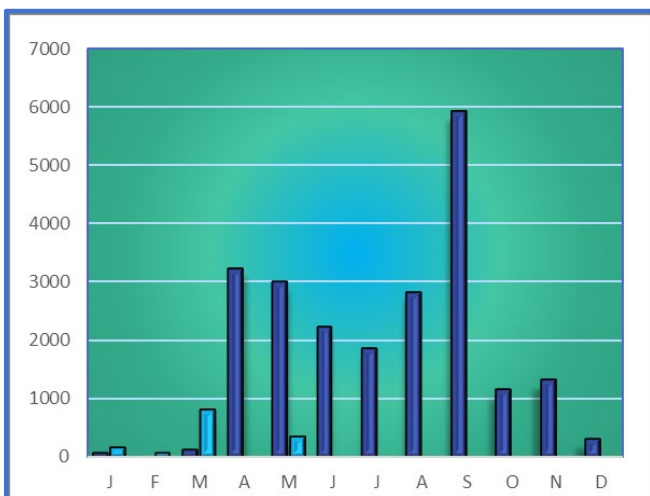
## Traffic Signs



## Blade Patch (miles)



## Road Stencil (sq. ft.)



## Road Stripe (miles)

