



# RESOURCE MANAGEMENT AGENCY

5961 SOUTH MOONEY BLVD  
VISALIA, CA 93277  
PHONE (559) 624-7000  
FAX (559) 730-2653

Aaron R. Bock	Economic Development and Planning
Reed Schenke	Public Works
Sherman Dix	Fiscal Services

REED SCHENKE, DIRECTOR

MICHAEL WASHAM, ASSOCIATE DIRECTOR

December 4, 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 W. Burrell Ave.  
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 November 2020.

## **Public Works Honored by APWA**

In November the Public Works division of RMA was honored by the Central Division of the American Public Association for excellence for three projects and one employee, Tony Boland, was recognized as Professional of the Year. Tony began his career with the County of Tulare in 1987 as the Road Yard Assistant. Tony's most outstanding contribution is his attitude and commitment to doing the best job he can each and every day he reports to work. Tony loves his job and that is evident in everything he does. Tony knows the roads of the County like the back of his hand. There is no job too big or too small and he is always ready, willing, and able to step in and do whatever is asked of him to make Tulare County safe for his fellow constituents.

The individual projects that were acknowledged by APWA as being superior are the Transit Operations and Maintenance Facility (TOMF)/CNG Fueling Station; Yettem Seville Water System (Phase 1); and the Pixley Main Street Sidewalk Improvement Project. It is anticipated that the Yettem Seville Water System project will be nominated for a national award.



## Bridge Tiles Complete the Job

With the placement of the art tiles in November, the replacement of the exiting functionally obsolete bridge with a new two-lane bridge was complete. This bridge is located on M220 over Bear Creek, 8 miles north of State Route 190.



## New County Surveyor Appointed

On November 30<sup>th</sup> Michael Bond retired as the County Surveyor. Rob Abrahamian has been appointed as his successor. Rob is a Professional Land Surveyor and Professional Engineer. Rob has worked for the County since 2011.

## MANAGEMENT GROUP 1:

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

### ROAD MAINTENANCE

Work Performed	LAST Month Total	THIS Month Total	Percent Increase/Decrease(-) from Prior Month
Potholes Patched	13390	14950	12%
Shoulder work (Lane miles)	17	27	59%
Blade Patches (Miles)	37.5	24	-36%
Bridges maintained	20	35	75%
Constituent requests	79	94	19%
After hour call-outs	8	15	88%



Completed walkway and finished grading on PVAE Road (Park Drive) adjacent to Mooney Grove Park



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 November include:

- Performed 5 miles of blade patching/resurfacing throughout the road district;
- Conducted vegetation removal on the following roads:
  - Campbell Creek Drive
  - Road 256 near Avenue 196
  - Adjacent to Doyle Elementary

Installed decorative artwork tiles on Bear Creek Bridge on Mountain Road 220



## **ROAD DISTRICT 2:**

Activities in November include:

- Performed 5 miles of blade patching/resurfacing throughout the road district;
- Cleanup pedestrian crossings in Pixley, Goshen, and Teviston.

Removed temporary cofferdams after completing the bridge repairs on Road 16 near Alpaugh



## **ROAD DISTRICT 4:**

Activities in November include:

- Performed 4 miles of blade patching/resurfacing throughout the road district;
- Repaired guardrails at Avenue 384 and Avenue 408:





## ROAD DISTRICT 5:

Activities in November include:

- Performed 10 miles of blade patching/resurfacing throughout the road district:





## Performed temporary sidewalk repair in Terra Bella



## TRAFFIC CONTROL:

Activities in November include:

## SIGN MAINTENANCE

Work Performed	Last Month Total	This Month Total	Percent Increase/Decrease(-) from Prior Month
New signs installed	26	17	-35%
Routine maintenance of signs	245	192	-22%
Vandalized signs repaired/replaced	205	191	-7%
Worn traffic signs repaired/replaced	70	191	173%
Miles of Road striped	76	6	-92%
Stencils installed (Sq ft)	4396	360	-92%
Traffic signal/light repair	2	5	150%
Illegal signs Removed from Right of Way	5	10	100%



Installed pre-formed thermoplastic rumble strips on Avenue 424 east of Road 96





## Repaired signal light at Betty Drive and Road 67



### 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;
- Request signage/safety improvements at I Drive and Avenue 184;
- Reviewed request for safety improvements on Poplar Road;
- Reviewed request for more 25 MPH speed limit signs on Road 124 south of Avenue 416 in Orosi;
- Reviewed request for street lights in London;
- Completed request for One-Way Stop at “T” intersection at Avenue 196 and “I” Street (D112).

### SAFETY:

- For the month of November there were 7 claims filed through Risk Management during this reporting period;
- Conducted Sexual Harassment training at the Central Yard;
- Conducted visits to each yard to ensure construction and COVID-19 safety protocols are being followed;
- Conducted Safety Inspection at all four yards.



## ENCROACHMENTS:

### ENCROACHMENTS

Work Performed	Last Month Total	This Month Total	Percent Increase/Decrease(-) from Last Month
Photos taken for encroachments, collisions, etc.	236	77	-67%
Calls of complaints, violations	33	21	-36%
Encroachments cases opened - Letters sent	2	1	-50%
Encroachment cases closed due to compliance	6	3	-50%
After hour alarm calls for roadyards	0	0	0%
Miles driven to patrol roads	2241	1844	-18%

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

Property owner on Avenue 396 and west of Road 16 removed a row of vineyard to comply



*Before*

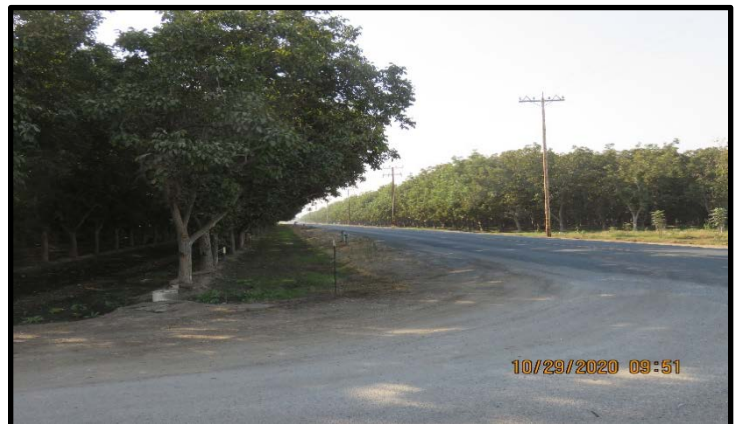


*After*

The property owner on Avenue 256 and Road 100 trimmed trees to comply



*Before*



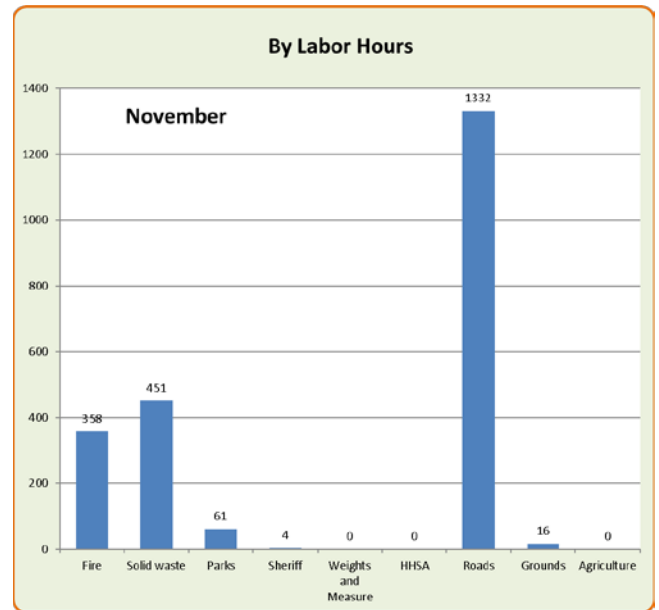
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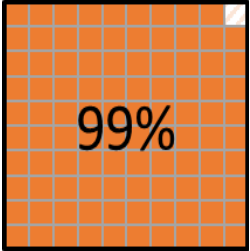

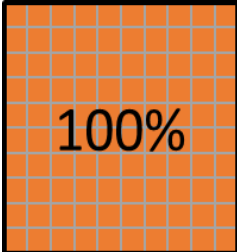

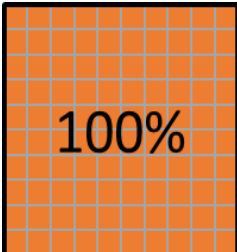
## HEAVY EQUIPMENT MAINTENANCE DIVISION:

For the month of November, the Heavy Equipment Shop maintained various pieces of equipment for 6 agencies completing 396 work orders for a total of 2,222 hours as shown in the chart below:



Agency	Work Orders	Labor Hours
Fire	60	358
Solid waste	54	451
Parks	16	61
Sheriff	1	4
Weights and Measure	0	0
HHS	0	0
Roads	260	1332
Grounds	5	16
Agriculture	0	0
<b>Total</b>	<b>396</b>	<b>2222</b>




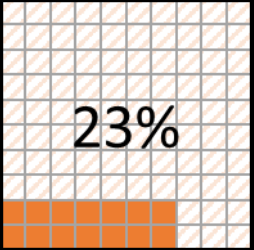





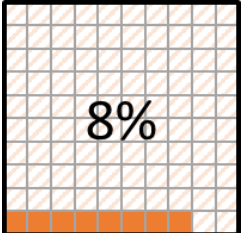

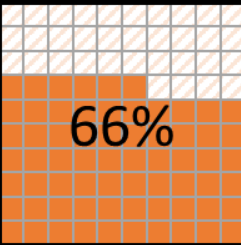
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
<b>Yettem-Seville Water System Improvements – Phase 1</b>  New Booster Pump Assembly	<b>District:</b> No. 4 - Eddie Valero <b>Division:</b> MG 3 – Special Projects <b>Designer:</b> Provost & Pritchard <b>Contractor:</b> Brough 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	 Expected Completion: June 2020 Design → R-O-W → Const.
<b>Pixley Main Street Sidewalk Improvement Project</b>  7/31/20, 1:55 PM	<b>District:</b> No. 2 - Pete Vander Poel <b>Division:</b> MG2 – Roads <b>Designer:</b> Tulare County RMA <b>Contractor:</b> JT2	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>All work complete and project has been accepted as substantially complete by Engineer on 7/31/20.</li> <li>County staff ensuring paperwork has been submitted for project closeout.</li> </ul>	<b>Budget:</b> \$ 1,273,520 <b>Award:</b> \$ 1,200,972 <b>CO's to Date:</b> \$ 12,163 <b>Total Contract:</b> \$ 1,200,972 <b>Payments:</b> \$ 1,233,810 Last Payment: 9/30/20	 Substantial Completion: July 2020 Design → R-O-W → Const.
<b>2020 RRAA Project 1</b>  Completed paving on Avenue 288, looking east 8/14/20, 11:15 AM	<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>All work complete and project has been accepted as substantially complete by Engineer on 9/11/20.</li> <li>County staff ensuring paperwork has been submitted for project closeout.</li> </ul>	<b>Budget:</b> \$ 5,122,089 <b>Award:</b> \$ 4,866,276 <b>CO's to Date:</b> \$ 20,385 <b>Total Contract:</b> \$ 5,122,089 <b>Payments:</b> \$ 4,741,408 Last Payment: 10/31/20	 Substantial Completion: September 2020 Design → R-O-W → Const.


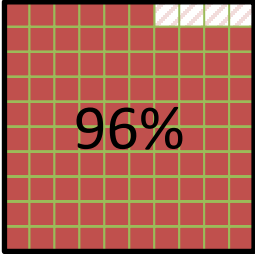


Project Name	Contacts	Description	Progress Update	Project Budget	Completion
<b>2020 RRAA Project 2</b>  <p>Paving on Avenue 184 west of SR 99, looking east</p>	<b>District:</b> Nos. 2, 4 & 5 <b>Division:</b> MG2 – Roads <b>Designer:</b> Tulare County RMA <b>Contractor:</b> Teichert Construction	Road 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>NOC to be taken to the Board for acceptance in October 2020.</li> </ul>	<b>Budget:</b> \$ 6,771,377 <b>Award:</b> \$ 6,437,026 <b>CO's to Date:</b> \$ (406,105) <b>Total Contract:</b> \$ 6,771,377 <b>Payments:</b> \$ 6,209,034 Last Payment: 9/30/2020	<div>100%</div> <p>Substantial Completion: June 2020</p> <p>Design → R-O-W → Const.</p>
<b>Farm 2 Market 2.0 Project 1</b>  <p>Paving on Road 96 south of Avenue 144, looking north</p>	<b>District:</b> Nos. 1, 2 & 5 <b>Division:</b> MG2 – Design & Construction <b>Designer:</b> RMA - Public Works <b>Contractor:</b> Don Berry Construction	Project consisting of 1) Asphalt resurfacing and Pulverization on the following roads: Road 204, Road 96, and Road 192 2) Asphalt resurfacing at 3 intersections Funding: Local County Road Funds (SB1) and Measure R	<ul style="list-style-type: none"> <li>Contractor has completed all work on project locations 1 (Road 204), 2 (Road 96), 4 (Ave 152 int.), 5 (Ave 48 int.), and 6 (Ave 128 int.). Contractor is currently continuing to work on location 3 (Road 192) and is scheduled to complete all remaining work before the end of the month.</li> </ul>	<b>Budget:</b> \$ 6,349,383 <b>Award:</b> \$ 6,035,127 <b>CO's to Date:</b> \$ 0 <b>Total Contract:</b> \$ 6,349,383 <b>Payments:</b> \$ 4,152,515 Last Payment: 11/30/20	<div>69%</div> <p>Expected Completion: December 2020</p> <p>Design → R-O-W → Const.</p>




Project Name	Contacts	Description	Progress Update	Project Budget	Completion
<b>CNG Fueling Facility at TOMF</b>  <p>TCAG Bus fueling during commissioning of compressor. Photo taken from fueling yard looking west.</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>• Work substantially complete.</li> <li>• Compressor and fueling equipment has all been installed and gas service connection has been established.</li> <li>• Completion is pending final commissioning of equipment which has been delayed due to a faulty regulator.</li> <li>• Contractor correcting issues and planned to re-commission in November.</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: September 2020</p> <p>Design R-O-W Const.</p>
<b>M348 South Fork Kaweah River Bridge</b>  <p>Photo of temp bridge constructed upstream of existing crossing</p>	<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>• Construction placed on hold due to evacuation orders from the SQF Fire however construction continued on 10/19/20.</li> <li>• In November, abutment pile construction completed followed by placement of forming/pouring of abutment footing and abutment stemwall form placement.</li> <li>• Project team revised northeast abutment design as spread footing and received Caltrans approval.</li> <li>• Abutment construction anticipated to be completed during the month of December.</li> </ul>	<b>Budget:</b> \$ 3,630,982 <b>Award:</b> \$ 4,369,679 <b>CO's to Date:</b> \$ 22,733 <b>Total Contract:</b> \$ 5,017,679 <b>Payments:</b> \$ 844,577 Last Payment: N/A	 <p>23%</p> <p>Omar Expected Completion: Fall 2021</p>


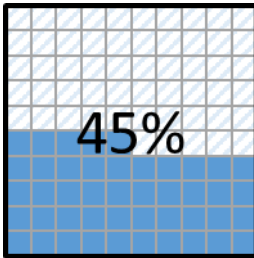

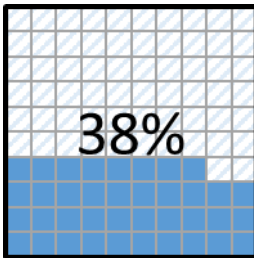

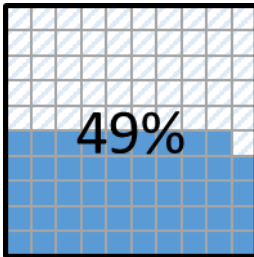


Project Name	Contacts	Description	Progress Update	Project Budget	Completion
<b>Community Accessibility Enhancement Project 2.0</b>  Removal of existing curb ramp and sidewalk at the intersection of Pepper Avenue and Rd 238	<b>District:</b> Nos. – 2, 4, & 5 <b>Division:</b> MG2 – Design & Construction <b>Designer:</b> RMA - Public Works <b>Contractor:</b> Witbro, dba. Seal Rite Paving and Grading	Pedestrian Improvements in the communities of Terra Bella, Ivanhoe, Pixley, and Cutler  Funding: Sales Tax Measure R	<ul style="list-style-type: none"> <li>First official working day 10/26/20.</li> <li>Contractor mobilized and performed the majority of the demo work in Terra Bella.</li> <li>Contractor completed installation of curb and gutter on Washington and Church.</li> <li>Installation of concrete improvements expected to begin in November.</li> </ul>	<b>Budget:</b> \$ 407,943 <b>Award:</b> \$ 376,613 <b>CO's to Date:</b> \$ 0 <b>Total Contract:</b> \$ 407,943 <b>Payments:</b> \$ 31,905 Last Payment: 10/31/20	 Expected Completion: December 2020 Design → R-O-W → Const.
<b>Harvest Avenue Improvements Project</b>  Harvest Avenue looking west	<b>District:</b> No. 4 – Eddie Valero <b>Division:</b> MG2 – Design & Construction <b>Designer:</b> RMA - Public Works <b>Contractor:</b> R.J. Berry Jr., Inc.	Roadway, sidewalk, and drainage improvements along Harvest between Road 64 and Diagonal 68.  Funding: Sales Tax Measure R	<ul style="list-style-type: none"> <li>Contractor has completed installation on all underground improvements and concrete work.</li> <li>Hot Mix Asphalt is scheduled to be placed the first part of December. Project should be completed within the next few weeks.</li> </ul>	<b>Budget:</b> \$ 801,183 <b>Award:</b> \$ 751,127 <b>CO's to Date:</b> \$ 0 <b>Total Contract:</b> \$ 801,183 <b>Payments:</b> \$ 497,866 Last Payment: 11/30/20	 Expected Completion: December 2020 Design → R-O-W → Const.


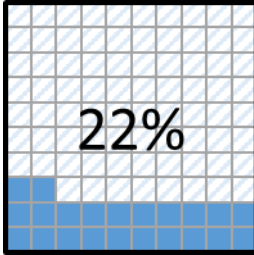

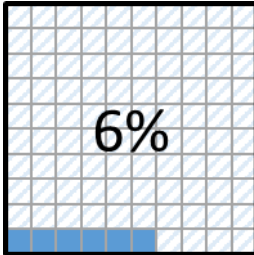
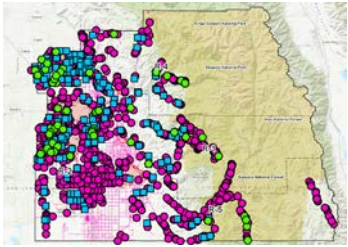
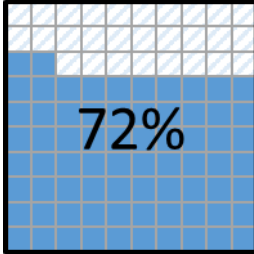
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
<b>Navigation Aids at Sequoia Field Project</b>   PAPI installed near Sequoia Field Runway	<b>District:</b> No. 4 -Eddie Valero  <b>Division:</b> MG3 – Special Project  <b>Designer:</b> Wadell Engineering Corporation  <b>Contractor:</b> Kobo Utility	Installation of Precision Approach Path Indicator (PAPI) and Runway End Identification Lights (REIL) at Sequoia Field Airport.  Funding: FAA Airport Improvement Program grant, Caltrans Division of Aeronautics Matching Grant and Local Match Funding	<ul style="list-style-type: none"> <li>• All airport lighting for the project (PAPI and REIL) has been installed. All electrical connections have been made and the system has been tested.</li> <li>• Staff are finalizing an AI to bring before the Board to authorize additional fund allocations necessary for closeout, which includes an FAA flight check of the installed lighting systems.</li> <li>• Staff continue to work with the FAA for guidance related to the project as it approaches closeout.</li> </ul>	<b>Design:</b> \$ [budgeted] <b>Expenditures:</b> \$ 311,510 Other Phases: <b>Construction:</b> \$ 323,870 <b>Construction Management:</b> \$ 33,695	 96%  Expected Completion: season/month year Construction is currently expected to be complete in February. Design → Const.


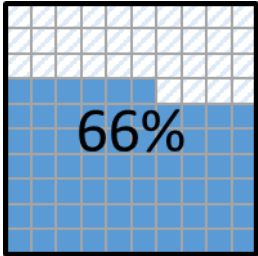

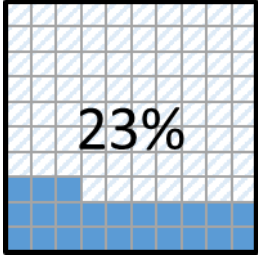


Project Name	Contacts	Description	Progress Update	Project Budget	Completion
<b>Avenue 392 Sand Creek Bridge</b>  <p>Elevation photo of the bridge</p>	<b>District:</b> No. 4 – Eddie Valero <b>Division:</b> MG2 – Design & Construction <b>Designer:</b> NCM & RMA - Public Works <b>Contractor:</b>	Replacement 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>Construction contract (Viking Construction) schedule to be awarded and approved by the Board on December 8, 2020</li> <li>Construction start anticipated Feb 2021 Pending approval of On-Call RFP contracts, staff to secure consultants needed for construction support.</li> </ul>	<b>Budget:</b> \$ 2,600,000 <b>Award:</b> \$ TBD <b>CO's to Date:</b> \$ 0 <b>Total Contract:</b> \$ TBD <b>Payments:</b> \$ 0 Last Payment: N/A	<div>0%</div> <p>Expected Completion: Fall 2021</p> <div>Design R-O-W Const.</div>
<b>Earlilmart Sidewalk Improvements Project</b>  <p>Sidewalk prep on Church Street south of Washington Ave, looking north</p>	<b>District:</b> No. 2 – Pete Vander Poel <b>Division:</b> MG2 – Design & Construction <b>Designer:</b> RMA - Public Works <b>Contractor:</b> Witbro, DBA. Seal Rite Paving and Grading	Pedestrian Improvements along State St. (between Sutter and Sierra) and Washington/Church.  Funding: Active Transportation Program (ATP).	<ul style="list-style-type: none"> <li>All concrete and paving work on Washington Avenue has been completed.</li> <li>Contractor placed curb and gutter on west side of State Street and is currently working on sidewalk and paving preparation. Once work on west side of State Street is completed Contractor will be requesting temporary winter suspension.</li> </ul>	<b>Budget:</b> \$ 990,836 <b>Award:</b> \$ 931,749 <b>CO's to Date:</b> \$ 0 <b>Total Contract:</b> \$ 990,836 <b>Payments:</b> \$ 454,797 Last Payment: 11/30/20	<div>49%</div> <p>Expected Completion: April 2021</p> <div>Design R-O-W Const.</div>
<b>Avenue 108 Lakeland Canal Bridge</b>  <p>Elevation photo of the bridge experiencing peak irrigation flows</p>	<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.	<ul style="list-style-type: none"> <li>All environmental documents submitted to Caltrans in the month of October.</li> <li>Type Selection Report approved by Caltrans in November.</li> <li>County staff and Dewberry to begin working towards 65% in December.</li> </ul>	<b>Design:</b> \$ 500,000 <b>Expenditures:</b> \$ 271,139 Other Phases: <b>Right-of-Way:</b> \$ 20,000 <b>Construction:</b> \$ 2,400,000	<div>45%</div> <p>Expected Completion: Fall/Winter 2022</p> <div>Design R-O-W Const.</div>


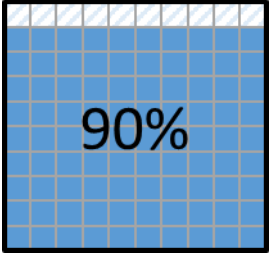
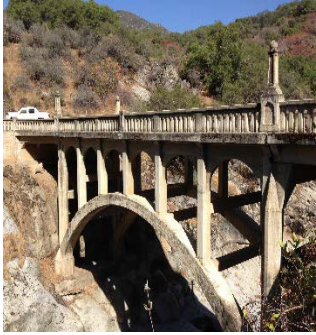
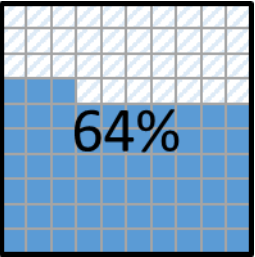
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
<b>Avenue 174 Friant-Kern Canal Bridge</b>  Elevation photo of the bridge	<b>District:</b> No. 5 – Dennis Townsend <b>Division:</b> MG2 – Design, Development & Construction <b>Designer:</b> NCM Engineering <b>Contractor:</b> 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, NEPA clearance anticipated January 2021.</li> <li>In September, staff met with utility owners to discuss potential conflicts; coordination to continue in December.</li> <li>65% PS&amp;E in progress, anticipated submittal by January 2021.</li> </ul>	<b>Design:</b> \$ 600,000 <b>Expenditures:</b> \$ 388,066 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>Determined liability with AID for utility conflicts in July.</li> <li>Type Selection Report to be submitted to Caltrans for approval in December.</li> </ul>	<b>Design:</b> \$ 500,000 <b>Expenditures:</b> \$ 261,362 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.
<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>In November all preliminary documents were submitted; consultant began to work towards 65% design.</li> <li>NEPA clearance anticipated spring 2021.</li> <li>Project team determined that additional field surveys needed.</li> <li>In December, staff will initiate coordination with Utility companies for necessary relocation.</li> </ul>	<b>Design:</b> \$ 605,000 <b>Expenditures:</b> \$ 302,812 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.


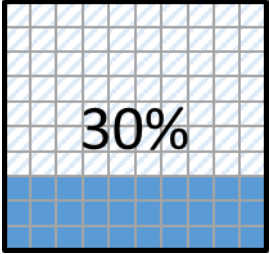

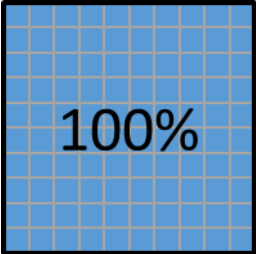

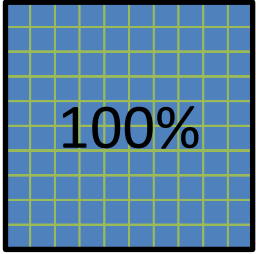


Project Name	Contacts	Description	Progress Update	Project Budget	Completion
<b>Bridge Preventive Maintenance Program Group 1</b>  <p>Road yard crew spraying methacrylate overlay on Road 80 (2014)</p>	<i>District:</i> Countywide <i>Division:</i> MG2 – Bridges <i>Designer:</i> Tulare County RMA <i>Contractor:</i> 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>Staff performing design in-house. 35% design in progress and to continue in December. Pending procurement of on-call environmental consultant for NEPA clearance (December 2020).</li> </ul>	<i>Design:</i> \$ 238,200 <i>Expenditures:</i> \$ 62,000 Other Phases: <i>Right-of-Way:</i> \$ N/A <i>Construction:</i> \$ 985,800	 <p>22%</p> <p>Expected Completion: Fall/Winter 2021</p> <p>Design R-O-W Const.</p>
<b>Bridge Preventive Maintenance Program Group 5</b>  <p>Photo of typical pier footing damage due to scour</p>	<i>District:</i> Countywide <i>Division:</i> MG2 – Bridges <i>Designer:</i> Tulare County RMA <i>Contractor:</i> 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 need to be procured separately. In November staff continued development of RFP for consultant services to be provided (advertisement anticipated in February 2021).</li> </ul>	<i>Design:</i> \$ 898,700 <i>Expenditures:</i> \$ 32,957 Other Phases: <i>Right-of-Way:</i> \$ N/A <i>Construction:</i> \$ 3,668,300	 <p>6%</p> <p>Expected Completion: Summer/Fall 2023</p> <p>Design R-O-W Const.</p>
<b>Bridge Preventive Maintenance Plan for Bridges Under 20 Feet</b>  <p>County Map with all bridges under 20 feet</p>	<i>District:</i> Countywide <i>Division:</i> MG2 – Bridges <i>Designer:</i> Tulare County RMA <i>Contractor:</i> 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 November staff finalized data filtering and began drafting maintenance plan. Supplemental inspections expected to occur in fall/winter 2020.</li> </ul>	<i>Design:</i> \$ 250,000 <i>Expenditures:</i> \$ 178,331 Other Phases: <i>Right-of-Way:</i> \$ N/A <i>Construction:</i> \$ N/A	 <p>72%</p> <p>Expected Completion: Spring/Summer 2021</p> <p>Design R-O-W Const.</p>


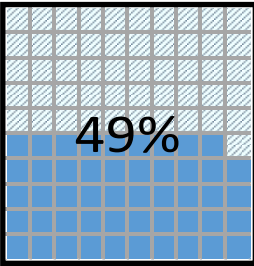

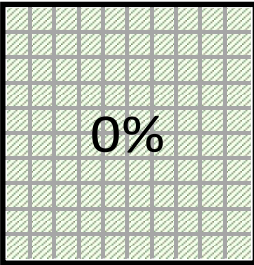

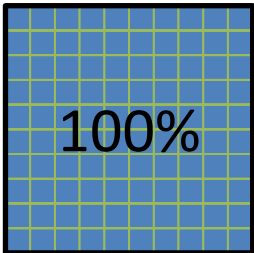
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
<b>D112 North Branch Tule River Bridge</b>  <p>Elevation photo of the bridge</p>	<b>District:</b> No. 2 – Pete Vander Poel  <b>Division:</b> MG2 – Bridges  <b>Designer:</b> NCM Engineering  <b>Contractor:</b> TBD	Replacement 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>Staff continued coordination with property owners for potential acquisition needs.</li> <li>Right-of-way clearance anticipated in December.</li> <li>In November staff coordinated supplemental approach pavement investigation and discovered Chevron utility along centerline of road.</li> <li>In December staff will continue with utility impact coordination.</li> </ul>	<b>Design:</b> \$ 615,000 <b>Expenditures:</b> \$ 363,885 Other Phases: <b>Right-of-Way:</b> \$ 20,000 <b>Construction:</b> \$ 2,380,000	 <p>66%</p> <p>Expected Completion: Fall/Winter 2021</p> <p>Design → R-O-W → Const.</p>
<b>M109 White River Bridge</b>  <p>Photo of bridge with temporary K-Ril protection</p>	<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>Staff continued performing quarterly inspections of existing bridge to ensure temporary rail functioning as intended.</li> <li>In November staff assessed alternative roadway configuration and PES form approved by Caltrans.</li> </ul> <p>In December 35% design will start, Geotechnical Investigations planned, and County staff to meet with Trial members interested in the Project.</p>	<b>Design:</b> \$ 630,00 <b>Expenditures:</b> \$ 152,226 Other Phases: <b>Right-of-Way:</b> \$ 75,000 <b>Construction:</b> \$ 3,000,000	 <p>23%</p> <p>Expected Completion: Fall/Winter 2024</p> <p>Design → R-O-W → Const.</p>


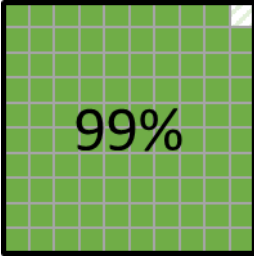

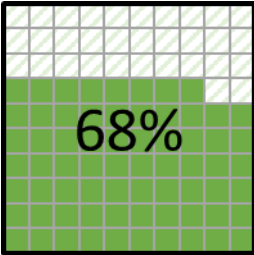

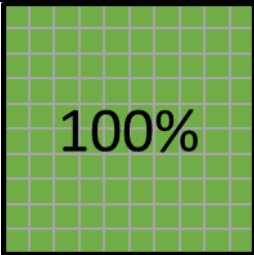


Project Name	Contacts	Description	Progress Update	Project Budget	Completion
<b>Alpaugh Complete Street Improvements Project</b>  <p>Photo of Center St, near the Alpaugh Elementary School Crossing at Wilbur Road &amp; Center St.</p>	<b>District:</b> No. 2 – Pete Vander Poel  <b>Division:</b> MG2 – Roads  <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 held on 11/3/20.</li> <li>• Utility coordination is underway. (5) utilities in conflict.</li> <li>• Pole relocation has been finalized.</li> <li>• ISR review initiated</li> <li>• (2) fence relocations are pending. As of 10/28, ROW team will continue to contact.</li> </ul>	<b>Design:</b> \$200,000 <b>Expenditures:</b> \$204,003 <b>Right-of-Way:</b> \$50,000 <b>Expenditures:</b> \$31,388 <b>Construction:</b> \$3,339,958	 <p>90%</p> <p>Expected Completion: Spring 2021</p> <p>Design R-O-W Const.</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.</li> <li>• In November staff finalized consultant contract amendments needed to revise scope/fee based on new alternative selection.</li> <li>• Contract amendment anticipated to go to BOS on 12/15.</li> <li>• Public meeting held in mid-November to provide update on new project alternative.</li> </ul>	<b>Design:</b> \$ 1,560,000 <b>Expenditures:</b> \$ 1,267,589 Other Phases: <b>Right-of-Way:</b> \$ 20,000 <b>Construction:</b> \$ 9,000,000	 <p>64%</p> <p>Expected Completion: Winter 2021/Spring 2022</p>


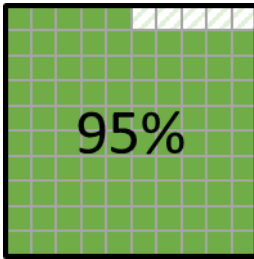

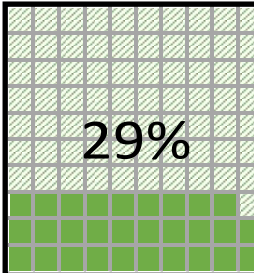
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
<b>Avenue 144 &amp; Road 96 Safety Improvements Project</b>  Photo of Avenue 144 & Road 96 Intersection	<b>District:</b> No. 2 – Pete Vander Poel III <b>Division:</b> MG2 – Roads <b>Designer:</b> Tulare County RMA <b>Contractor:</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% design memo review mtg occurred on 10/8.</li> <li>Staff to prepare response via email.</li> <li>Per the Sec. 106 study, tribal consultation notification request letters have been sent to respective tribes.</li> <li>First invoice shall be processed.</li> <li>TBD: Follow up discussion with project consultant on the project footprint.</li> </ul>	<b>Design:</b> \$250,000 <b>Expenditures:</b> \$85,921 <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>Utility coordination in progress.</li> <li>Final PS&amp;E progress.</li> <li>Right-of-Way certification completed.</li> <li>Submit RFA for construction next milestones.</li> </ul>	<b>Design:</b> \$ 130,000 <b>Expenditures:</b> \$ 159,000 Other Phases: <b>Right-of-Way:</b> \$ 300,000 <b>Construction:</b> \$ 1,500,000	 Expected Completion: Spring 2021 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.


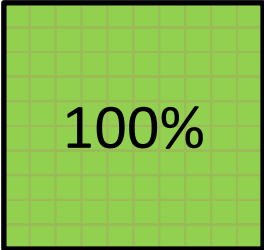


Project Name	Contacts	Description	Progress Update	Project Budget	Completion
<b>Avenue 256 &amp; Road 204 Signalization and Rehabilitation Project</b>  Intersection of Avenue 256 & Road 204 (existing conditions)	<b>District:</b> No. 1 – Kuyler Crocker <b>Division:</b> MG2 – Design, Construction Mgmt. <b>Designer:</b> Development Services RMA - Public Works	Installation of traffic signal at the intersection of Avenue 256 & Road 204. This project also includes the road rehabilitation along Road 204 from the intersection to Avenue 264.  Funding: Measure R (Regional).	<ul style="list-style-type: none"> <li>Preparing utility conflict and right-of-way exhibits (in-progress). Finalizing 30% design plans.</li> </ul>	<b>Design:</b> \$ 135,000 <b>Expenditures:</b> \$ 66,000 Other Phases: <b>Right-of-Way:</b> \$ 240,000 <b>Construction:</b> \$ TBD	 Expected Completion: Summer 2020 Design → R-O-W → Const.
<b>Road 160 Sidewalk Improvements Project</b>  Road 160 Existing Conditions	<b>District:</b> No. 4 – Eddie Valero <b>Division:</b> MG2 – Design, Construction Mgmt. <b>Designer:</b> Development Services RMA - Public Works	Pedestrian Improvements along Road 160 between Avenue 328 and Ivanhoe Elementary School (Avenue 332).  Funding: Active Transportation Program (ATP).	<ul style="list-style-type: none"> <li>California Transportation Commission (CTC) to approve right-of-way funds at CTC meeting of October 21-22.</li> <li>65% design plans in-progress.</li> </ul>	<b>Right-of-Way:</b> \$ 365,000 <b>Expenditures:</b> \$ 0 Other Phases: <b>Design:</b> \$ 185,000 <b>Construction:</b> \$ 1,025,000	 Expected Completion: October 2020 Design → R-O-W → Const.
<b>Harvest Avenue Improvements Project</b>  Photo of Existing Harvest Avenue Roadway Conditions	<b>District:</b> No. 4 Eddie Valero <b>Division:</b> MG-1 Roads <b>Designer:</b> Tulare County RMA <b>Contractor:</b> RJ Berry, Jr.	Improvements on Harvest Ave. between Road 64 and Road 68 include full reconstruction of existing roadway, installation of storm drain system, installation of curb & gutter, and sidewalk.  Funding: Measure R.	<ul style="list-style-type: none"> <li>100% PS&amp;E completed.</li> <li>Construction Transition meeting completed.</li> <li>Contract documents reviewed and approved</li> <li>Project contract approved and awarded to R.J. Berry Jr., Inc.,</li> <li>Pre-construction meeting to be scheduled in September.</li> </ul>	<b>Design:</b> \$ 60,000 <b>Expenditures:</b> \$ 124,500 Other Phases: <b>Right-of-Way:</b> \$ 20,000 <b>Construction:</b> \$ 1,200,000	 Expected Completion: Spring 2020 Design → R-O-W → Const.

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; permitting coordination continued in November and expected to be complete in December.</li> <li>Right-of-way certification completed September 2020. Depending on funding availability, construction anticipated to start fall/winter 2021.</li> </ul>	<b>Right-of-Way:</b> \$ 50,000 <b>Expenditures:</b> \$ 530,741 Other Phases: <b>Design:</b> \$ 600,000 <b>Construction:</b> \$ 2,800,000	 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>Final design in progress.</li> <li>Right-of-way acquisitions completed in August 2020.</li> <li>Utility coordination to continue in December.</li> <li>Right-of-way certification scheduled to be completed in December.</li> </ul>	<b>Right-of-Way:</b> \$ 20,000 <b>Expenditures:</b> \$ 406,698 Other Phases: <b>Design:</b> \$ 500,000 <b>Construction:</b> \$ 1,100,000	 Expected Completion: Fall/Winter 2021 Design R-O-W Const.
<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>100% Design complete.</li> <li>Right-of-way certification completed in September. Pending fund availability, CON anticipated to start fall/winter 2021.</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.



Project Name	Contacts	Description	Progress Update	Project Budget	Completion
<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 issued in November.</li> <li>Pending fund availability, construction anticipated to start winter 2021. In August all permits were finalized.</li> <li>No utility relocation required.</li> </ul>	<b>Right-of-Way:</b> \$ 100,000 <b>Expenditures:</b> \$ 456,095 Other Phases: <b>Right-of-Way:</b> \$ 500,000 <b>Construction:</b> \$ 1,100,000	 95% Expected Completion: Fall 2020 Design → R-O-W → Const.
<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>90% design plans complete and under review by internal staff. Preparing utility conflict and Right-of-way exhibits (in-progress).</li> <li>Appraisal of impacted parcels in-progress.</li> </ul>	<b>Right-of-Way:</b> \$ 75,000 <b>Expenditures:</b> \$ 21,500 Other Phases: <b>Design:</b> \$ 150,000 <b>Construction:</b> \$ 1,239,000	 29% Expected Completion: Winter 2020 Design → R-O-W → Const.

Project Name	Contacts	Description	Progress Update	Project Budget	Completion
<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>Lowest responsive bidder is Don Berry Construction, Inc.</li> <li>Contract to be awarded on 12/8 BOS mtg, tentatively</li> <li>Notice to Award letter sent on 11/18</li> <li>AI for Award of Contract anticipated for 12/8 BOS mtg</li> </ul>	<b>Right-of-Way:</b> \$15,000 <b>Expenditures:</b> \$15,857 <b>Design:</b> \$37,800 <b>Expenditures:</b> \$49,704 <b>Construction:</b> \$94,770	<div>              Expected Completion: Spring 2021  <div>             Design → R-O-W → Const.           </div> </div>

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 November 53 maps were provided to the Planners for 9 separate projects.

### **ENCROACHMENT PERMITS**

In November staff processed a total of 74 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 124 transportation permits comprised of: 14 rider permits, 33 single-trip permits (including over-sized or overweight loads) and 77 blanket/annual permits.
- Issued 11 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 permit for 1 house structure relocation;
- 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	313	98	120	83	124	141	
Trans. Annual	14	9	52	3	12	275	54	65	18	77	108	
Trans. Riders	18	22	11	23	14	12	10	8	18	14	16	
Single Trip	44	30	11	11	14	38	34	47	47	33	17	
<b><u>Encroachment:</u></b>	30	31	29	61	69	58	75	75	20	74	30	
Utility	20	20	13	47	46	43	30	19	15	39	18	
Standard	10	9	14	13	21	13	40	20	5	17	8	
Curb & Gutter	0	1	1	0	1	1	3	1	0	0	0	
Encr. Annual	0	1	1	1	1	1	2	1	1	7	1	
Sub/Permits Maint. Insp.	9	9	9	9	7	7	7	4	11	11	3	
Special Events:	2	4	1	2	0	0	0	0	0	0	1	
House Moving:		2	1		2	2	9	5	2	1	0	

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 completed. 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 and will be continuing to work on the frontage of Avenue 280 in the upcoming months.

**Southern California Gas (Road 192 south of Avenue 152, Poplar):** Southern California Gas has completed the installation of the 16-inch, high-pressure gas pipeline on Road 192 from Ave 96 to Ave 152 through the community of Cotton Center and Poplar. This new pipeline is being placed to better serve the south county area, specifically, Setton Farms. At this point all of the mainline piping has been installed and the contractor is wrapping up the tie in and corrective work.



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**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 begun working in the area again. To date, the contractor has completed the placement of the curb and gutter and has paved in the roadway throughout the site. The contractor remains on site and is currently working on adjusting utilities to the final roadway grade.



## **MANAGEMENT GROUP 3:**

### **ZONES OF BENEFIT**

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

Operations and maintenance of Zones of Benefit water systems continued through November 2020 with **no known service interruptions**.

The table below summarizes the data available for the water production and wastewater treatment for the month of October 2020. Tooleville Sewer reporting appears to have a counting error. Staff will take corrective action and follow up with a resolution to this discrepancy. There is no data for the lift station at El Rancho, as there is no flow totalizer:

Zone of Benefit - Water & Wastewater Volumes October 2020				
Sewer Systems			Water Systems	
Total Monthly Flow (Gallons)		% Capacity	Total Monthly Flow (Gallons)	
Delft Sewer	757,217	44%	Delft Water	1,887,000
Seville Sewer	599,590	40%	Wells Tract Water	1,807,860
Yettem Sewer	948,841	75%		
Wells Tract Sewer	845,000	148%		
Tonyville Sewer	407,400	19%		
Tooleville Sewer	4,226,230	402%		
Traver Sewer	1,239,006	46%		
TBSMD	6,227,590	69%		
El Rancho Sewer	Treatment provided by City			
TOTAL		15,250,874	TOTAL 3,694,860	

### **SQF COMPLEX FIRE RECOVERY**

Staff have been participating and supporting the SQF Complex Recovery, with a primary focus on preparation for the upcoming storm season. The SQF Complex Fire created an increased risk of flash floods and debris flows in and around the burn scar, which may impact our mountain communities and infrastructure. To this end, staff participated in a statewide taskforce led by CalOES on Debris Flows and Watersheds. Staff also worked with National Weather Service, Caltrans, CHP, and others to prepare a response plan to reduce risk and close roads when heavy rain is forecast. This would allow the County and partners to reduce the risk of loss of life and property when the likelihood of a debris flow is increased.

### **FLOOD CONTROL**

There was no Flood Commission meeting in November. The next meeting is scheduled for January.

Staff are working with a manufacturer and software developer, Tolthawk, to develop a flashing warning sign system for Reservation Road near the Tule River. Tolthawk continues to work with the County to design specialized hardware to interface with existing County equipment. The design concept calls for flashing warning signs to come on whenever flood water flows over the pavement on Reservation Road.

Staff are working with Tolthawk to develop satellite communications for deployment of stream level sensing devices, five of which may also be placed on some of the bridges in the burn scar area. This will allow the county to collect real time information regarding the flow of water under these bridges and help monitor for flash flooding and debris flows for some of the counties more valuable assets in the area.

## TRANSIT

TCaT is an essential service and continues to maintain regular service levels through the pandemic. Staff are in frequent contact with our partner transit agencies to discuss and share information regarding the pandemic, including coordinating service and response strategies.



Due to the ongoing COVID-19 pandemic TCaT has purchased driver safety barriers to reduce the spread of the virus. Delivery is complete and installation is in process; the entire fleet will soon have driver barriers installed for safety of drivers and passengers. The following picture shows a bus where the barrier has been installed.

TCaT had its quarterly fleet audit with TRC Engineering Services (TRC) to ensure that the buses are being maintained in accordance with the contractual requirements. TRC examined the records of twelve (12) buses to determine if Preventive Maintenance Intervals (PMI) were considered “on time” within mileage requirements, and all buses were “on time”.

Staff met with City of Porterville in October, for the possibility of purchasing the City’s used CNG buses for use on the TCaT fleet. Staff are attempting to work out a trial option with the City to confirm that the buses would be a good fit for use on some of the County’s routes.

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 October:

	October	Prior October	Change	FYTD	Prior FYTD	Change
Total Ridership	12,174	28,206	-56.8%	43,389	95,176	-54.41%
Fixed Route Ridership	11,936	27,692	-56.9%	42,515	93,183	-54.37%
Demand Response Ridership	238	514	-53.7%	874	1,993	-56.14%
Fixed Route Passengers per Mile	0.15	0.32	-53.1%	.12	.27	-55.56%
Demand Response Passenger per Hour	1.23	1.82	-33.4%	1.24	1.78	-30.34

**MANAGEMENT GROUP 4:**

**SURVEYOR’S OFFICE**

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

Parcel Map	19	Certificate of Compliance	1
Tract Map	6	Record of Survey	31
Corner Record	153	Vacation of Right of Way	1
Merger of Parcels	2		

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

2020 RRAA Project 1	Encroachment (multiple)
2020 RRAA Project 2	Farm to Market Rehab 2.0 Project 1
Allensworth Cemetery Transfer	Farm to Market Rehab 2.0 Project 2
Alpaugh Center Street Improvements	Friant-Kern Canal Project
Avenue 336 Railroad Crossing	Harvest Avenue Improvements
Bridge: M348 S. Fork Kaweah	HSIP (162) Cycle 7 Avenue 328
Bus Shelter Culter, SR63	Road 64 Improvements SR 198 to Avenue 304
Community Accessibility Enhancements	Solid Waste Operations - Teapot Dome
Earlimart Sidewalk	Visalia Landfill Phase 4 Expansion

Respectfully submitted,

**Reed Schenke**

REED SCHENKE, PE  
Director

RS/nw

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



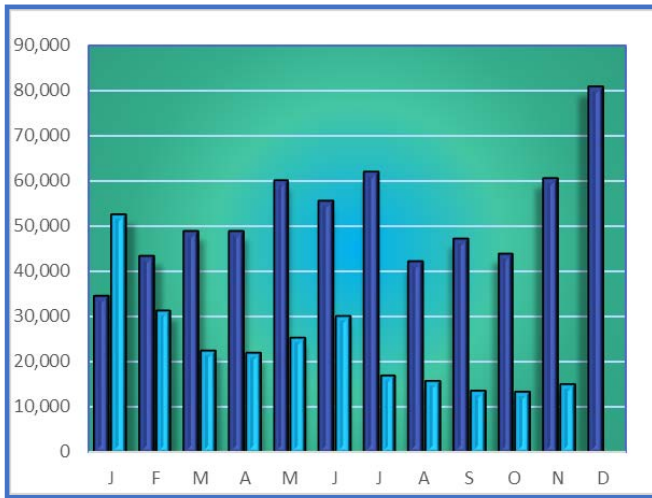
# Tulare County RMA – Road Maintenance Activities

November 2020

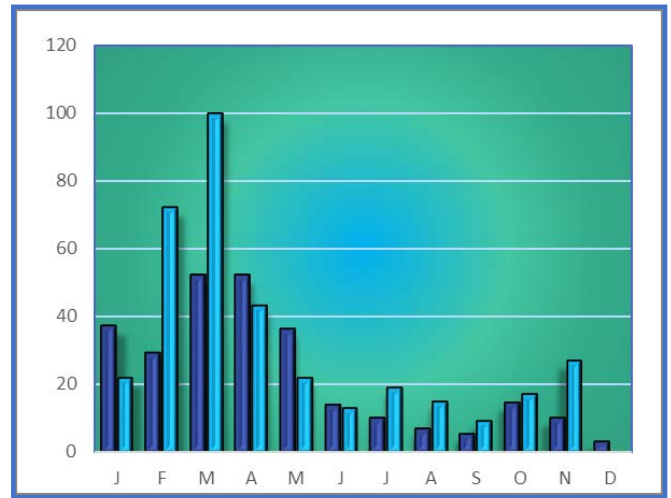
Dark Blue = 2019      Light Blue = 2020



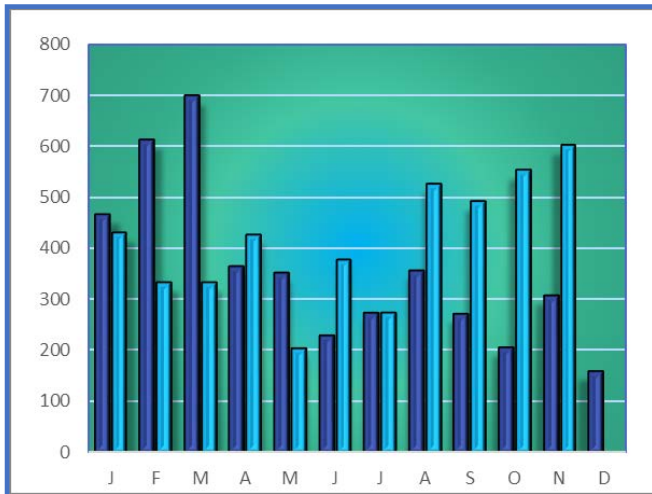
**Potholes Patched**



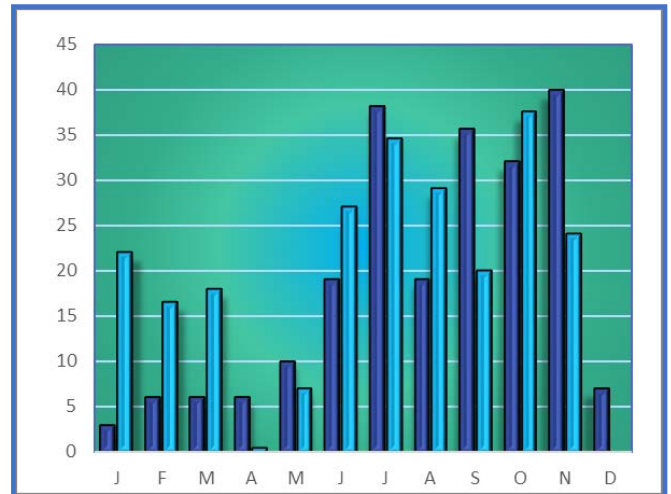
**Shoulder Maintenance (miles)**



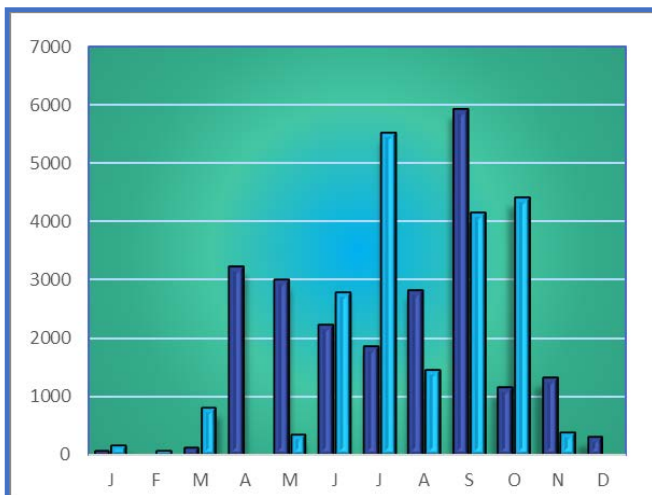
**Traffic Signs**



**Blade Patch (miles)**



**Road Stencil (sq. ft.)**



**Road Stripe (miles)**

