



RESOURCE MANAGEMENT AGENCY

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

REED SCHENKE, DIRECTOR

MICHAEL WASHAM, ASSOCIATE DIRECTOR

February 5, 2021

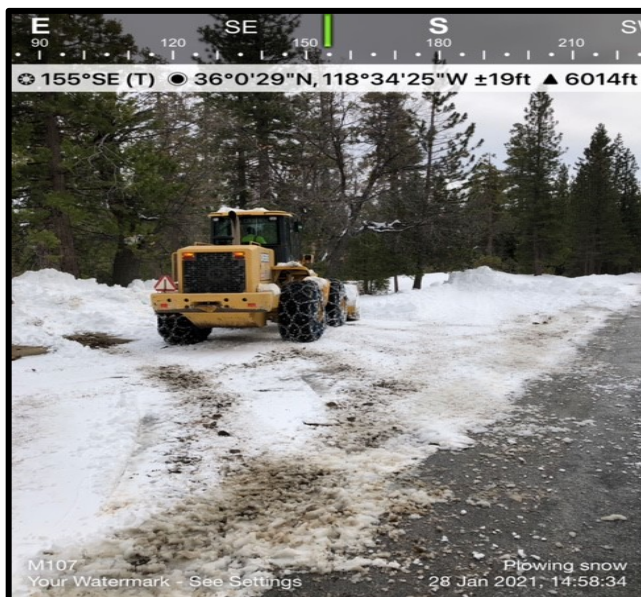
Supervisor Larry Micari, (District One)
Supervisor Pete Vander Poel, (District Two)
Supervisor Amy Shuklian (Chair) (District Three)
Supervisor Eddie Valero (District Four)
Supervisor Dennis Townsend (District Five)
Jason Britt, CAO
2800 W. Burrel Ave.
Visalia, CA 93291

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 January 2021.

Road Crews Keeping Mountain Roads Safe

On January 29th the Public Works division of RMA was busy clearing the roads by immediately moving snow to keep the roads clear for travelers and constituents. The photograph on the left depicts Mountain Road 107 (Western Divide) using the loader to clear snow. The photograph on the right depicts conditions on Mountain Road 216 (Redwood Drive) near Highway 190, using the snow blower.



M348 South Fork Kaweah Bridge

Despite receiving over a foot of snow in the mountains above the Three Rivers area, construction crews continued moving forward with installing steel girders bridge members in conjunction with the South Fork Bridge Replacement Project. With the continued efforts put forth by the contractor, the new bridge is scheduled to be in operation by the end of February at which point the existing structure will be removed.



MANAGEMENT GROUP 1:

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

ROAD MAINTENANCE

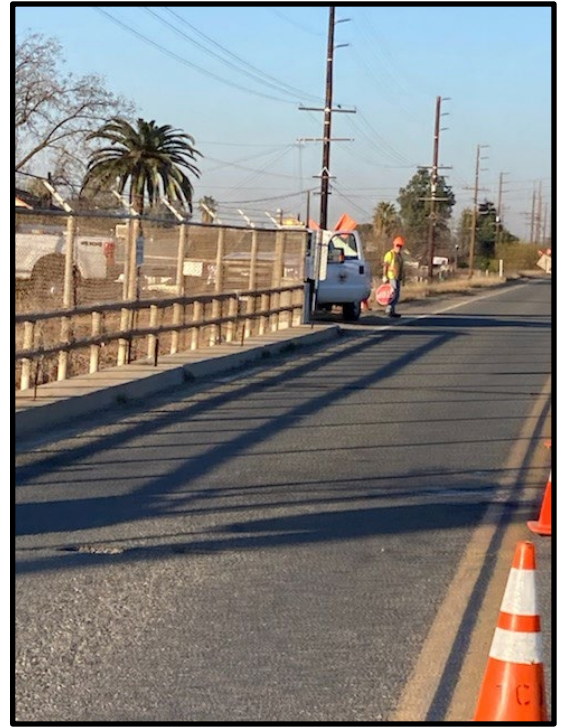
Work Performed	LAST Month Total	THIS Month Total	Percent Increase/Decrease(-) from Prior Month
Potholes Patched	11960	11440	-4%
Shoulder work (Lane miles)	41	143	249%
Blade Patches (Miles)	3	0	-100%
Bridges maintained	6	2	-67%
Constituent requests	85	79	-7%
After hour call-outs	11	7	-36%

Graphs showing a comparison of the work performed between 2020 and 2021 by the Roads Department is attached at the end of this report.

ROAD DISTRICT 1:

Activities in January include:

- Performed 27 miles of shoulder work throughout the road district;
- Repaired Friant Kern Canal Bridge rail on Avenue 196:



Tree and debris removal on Mountain Road 107



ROAD DISTRICT 2:

Activities in January include:

- Performed 16 miles of shoulder work throughout the road district;
- Repaired slope erosion adjacent to Homeland Canal Bridge on Road 40:



Repaired potholes around the district



ROAD DISTRICT 4:

Activities in January include:



- Performed 23 miles of shoulder work throughout the road district;
- Repaired culvert headwalls on Avenue 368 and Avenue 384.

ROAD DISTRICT 5:

Activities in January include:

- Performed 77 miles of blade patching/resurfacing throughout the road district;
- Cleared culvert on Road 80 west of State Route 65:



Repaired potholes around road district



TRAFFIC CONTROL:

Activities in January include:

SIGN MAINTENANCE

Work Performed	Last Month Total	This Month Total	Percent Increase/Decrease(-) from Prior Month
New signs installed	13	26	100%
Routine maintenance of signs	149	83	-44%
Vandalized signs repaired/replaced	170	153	-10%
Worn traffic signs repaired/replaced	123	54	-56%
Miles of Road striped	30	14	-53%
Stencils installed (Sq ft)	371	360	-3%
Traffic signal/light repair	6	5	-17%
Illegal signs Removed from Right of Way	10	5	-50%

Installed new crosswalk and RRFB system on Avenue 328 and Road 159 in Ivanhoe



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;
- Review request for All-Way Stop on Road 224 and Avenue 184;
- Review request for One-Way Stop at “T” intersection at Road 196 and Avenue 184.

SAFETY:

- For the month of January there were 5 claims filed through Risk Management during this reporting period;
- Conducted visits to each yard to ensure construction and COVID-19 safety protocols are being followed;
- Conducted safety inspection at central shop;
- Conducted safety inspection at Porterville Yard.



ENCROACHMENTS:

ENCROACHMENTS

Work Performed	Last Month Total	This Month Total	Percent Increase/Decrease(-) from Last Month
Photos taken for encroachments, collisions, etc.	121	65	-46%
Calls of complaints, violations	15	18	20%
Encroachments cases opened - Letters sent	2	3	50%
Encroachment cases closed due to compliance	4	1	-75%
After hour alarm calls for roadyards	0	3	0%
Miles driven to patrol roads	1651	1453	-12%

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

- Received 3 after-hour calls for tripped alarms;

Property owner on Road 140 and Avenue 256 trimmed trees to comply



Before

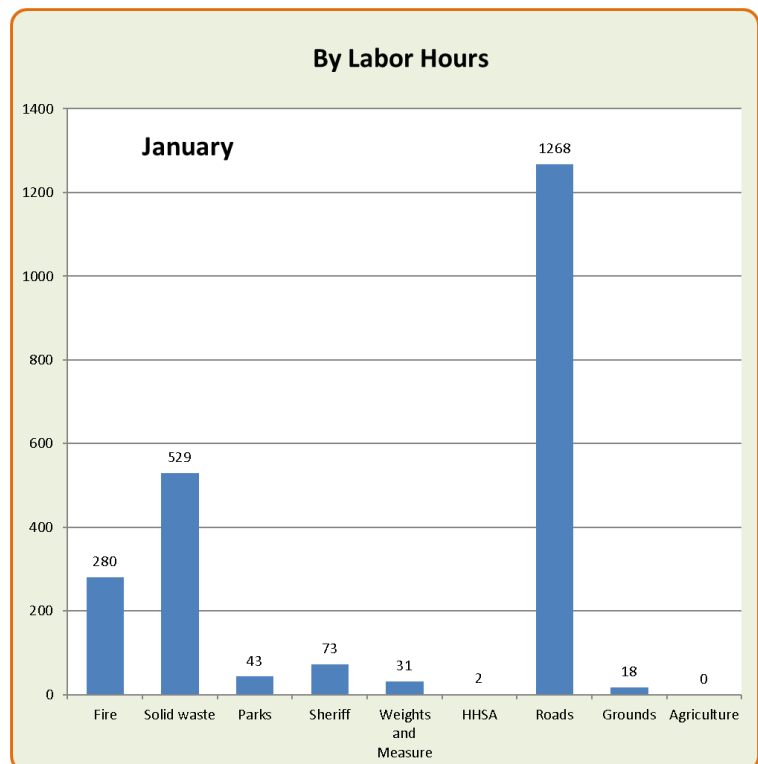


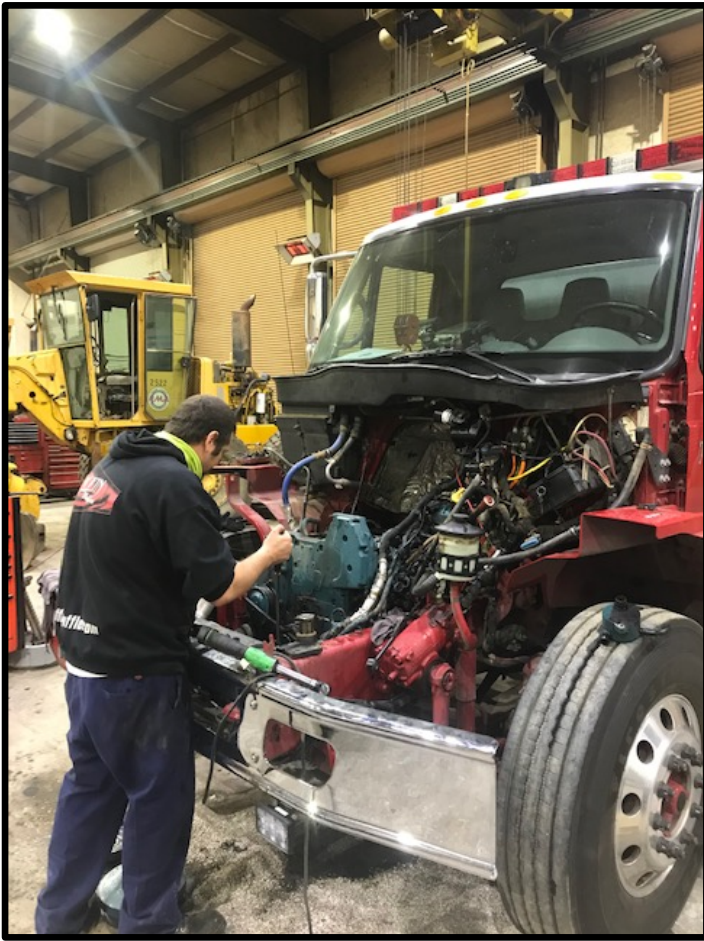
After


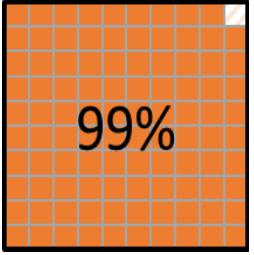

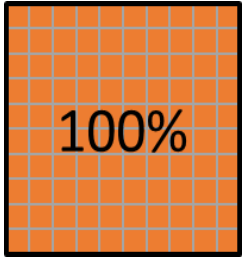

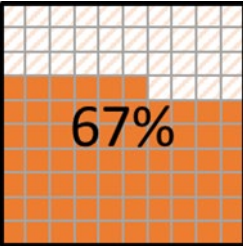
HEAVY EQUIPMENT MAINTENANCE DIVISION:


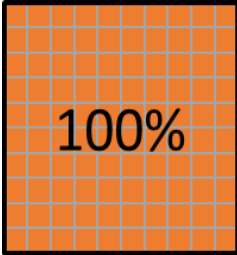

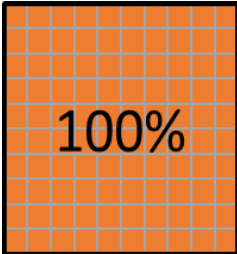

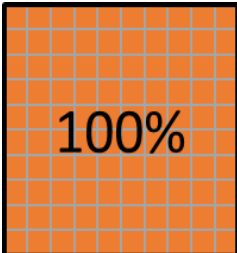
For the month of January the Heavy Equipment Shop maintained various pieces of equipment for 6 agencies completing 375 work orders for a total of 2,244 hours as shown in the chart below:


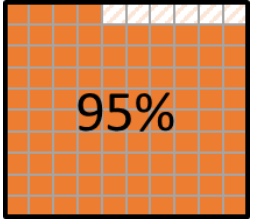

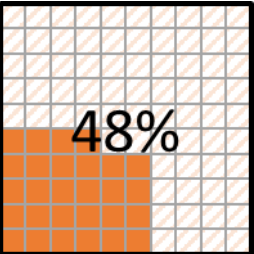
Agency	Work Orders	Labor Hours
Fire	35	280
Solid waste	63	529
Parks	11	43
Sheriff	7	73
Weights and Measure	1	31
HHSA	2	2
Roads	252	1268
Grounds	4	18
Agriculture	0	0
Total	375	2244


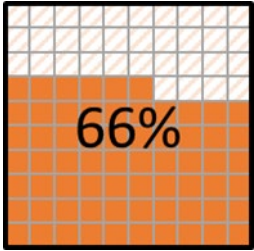

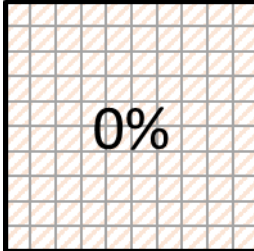



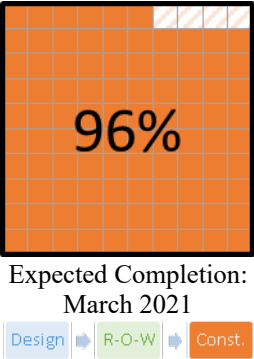



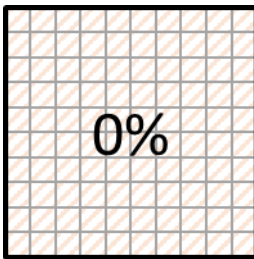

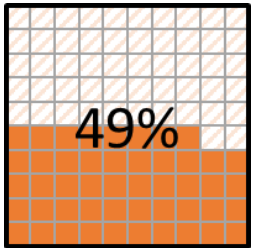

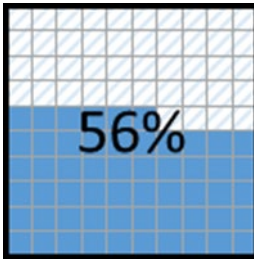
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
Yettam-Seville Water System Improvements – Phase 1  New Booster Pump Assembly	District: No. 4 - Eddie Valero Division: MG 3 – Special Projects Designer: Provost & Pritchard Contractor: Brough Construction, Inc.	Replacement water 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"> A 30-day performance period has been completed. Equipment performed well during that time. The new tank site is operating normally. The last of the punch list items of work are being completed by the contractor. 	Budget: \$ 3,208,508 Award: \$ 3,381,433 CO's to Date: \$ 133,514 Total Contract: \$ 3,342,022 Payments: \$ 3,323,519 Last Payment: 05/01/2020	 Expected Completion: June 2020 Design → R-O-W → Const.
2020 RRAA Project 1  Completed paving on Avenue 288, looking east	District: Nos. 1, 2, 3, 4, & 5 Division: MG2 – Roads Designer: Tulare County RMA Contractor: 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"> All work complete and project has been accepted as substantially complete by Engineer on 9/11/20. County staff ensuring paperwork has been submitted for project closeout. 	Budget: \$ 5,122,089 Award: \$ 4,866,276 CO's to Date: \$ 20,385 Total Contract: \$ 5,122,089 Payments: \$ 4,741,408 Last Payment: 10/31/20	 Substantial Completion: September 2020 Design → R-O-W → Const.
2020 RRAA Project 2  Striping being place on D122 following paving operation, looking north.	District: Nos. 2 & 5 Division: MG2 – Roads Designer: Tulare County RMA Contractor: Teichert Construction	Project consisting of asphalt resurfacing on the following roads: Avenue 184, Turner Drive, Avenue 56, Avenue 96, Avenue 95, Road 208, and D 238 Funding: Local County Road Funds (SB1)	<ul style="list-style-type: none"> Contractor has completed all work on project locations 1 (Ave 184), 2 (D122), 3 (Ave 56), and 4 (Ave 56). Contractor has requested temporary suspension of the project as a result of decreased temperatures. Work is scheduled to resume in the spring when daytime temperatures begin to rise. 	Budget: \$ 4,930,700 Award: \$ 4,684,000 CO's to Date: \$ 0 Total Contract: \$ 4,930,700 Payments: \$ 3,121,890 Last Payment: 11/23/20	 Substantial Completion: March 2021 Design → R-O-W → Const.


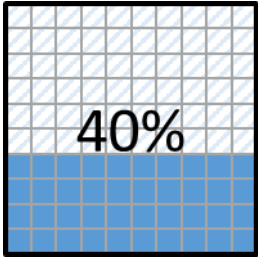


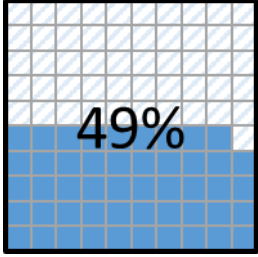
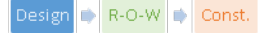
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
Farm 2 Market 2.0 Project 1  <p>Completed paving and striping work on Road 192 looking north</p>	District: Nos. 1, 2 & 5 Division: MG2 – Design & Construction Designer: RMA - Public Works Contractor: Don Berry Construction	Project 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"> All work complete and project has been accepted as substantially complete by Engineer on 1/8/21. County staff ensuring paperwork has been submitted for project closeout. 	Budget: \$ 6,349,383 Award: \$ 6,035,127 CO's to Date: \$ 171,839 Total Contract: \$ 6,349,383 Payments: \$ 6,124,875 Last Payment: 1/31/20	 <p>Substantial Completion: January 2021</p> <p>Design → R-O-W → Const.</p>
 <p>Harvest Avenue Improvements Project Installing crosswalk at the intersection of Harvest and Drive 67 looking south</p>	District: No. 4 – Eddie Valero Division: MG2 – Design & Construction Designer: RMA - Public Works Contractor: 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"> All work complete and project has been accepted as substantially complete by Engineer on 6/19/20. 	Budget: \$ 6,771,377 Award: \$ 6,437,026 CO's to Date: \$ (406,105) Total Contract: \$ 6,771,377 Payments: \$ 6,209,034 Last Payment: 9/30/2020	 <p>Substantial Completion: December 2020</p> <p>Design → R-O-W → Const.</p>
<p>Pixley Main Street Sidewalk Improvement Project</p> 	District: No. 2 - Pete Vander Poel Division: MG2 – Roads Designer: Tulare County RMA Contractor: 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"> All work complete and project has been accepted as substantially complete by Engineer on 7/31/20. County staff ensuring paperwork has been submitted for project closeout. NOC scheduled to be taken to the Board in March. 	Budget: \$ 1,273,520 Award: \$ 1,200,972 CO's to Date: \$ 12,163 Total Contract: \$ 1,200,972 Payments: \$ 1,233,810 Last Payment: 9/30/20	 <p>Substantial Completion: July 2020</p> <p>Design → R-O-W → Const.</p>


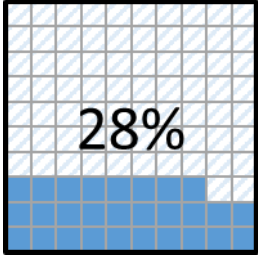

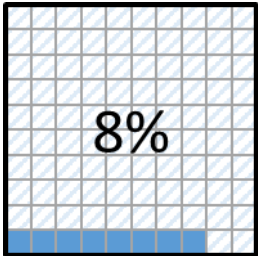
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
CNG Fueling Facility at TOMF  <p>TCAG Bus fueling during commissioning of compressor. Photo taken from fueling yard looking west.</p>	District: No. 2 - Pete Vander Poel Division: MG3 – Special Projects Designer: Arrington Watkins Architects Contractor: 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"> • Work substantially complete. • Compressor and fueling equipment has all been installed and gas service connection has been established. • Completion is pending final commissioning of equipment which has been delayed due to a faulty regulator. • Contractor correcting issues and planned to re-commission in November. 	Budget: \$ 2,635,010 Award: \$ 2,497,629 CO's to Date: \$ 12,591 Total Contract: \$ 2,497,629 Payments: \$ 2,372,924 Last Payment: 6/30/2020	 <p>95%</p> <p>Expected Completion: September 2020</p> <p>Design → R-O-W → Const.</p>
M348 South Fork Kaweah River Bridge  <p>Bridge Girder Erection</p>	District: No. 1 – Larry Micari Division: MG2 – Design & Construction Designer: Quincy Engineering Contractor: Agee Construction Co.	Replacement of existing one-lane bridge with wider one-lane bridge. Located on M348 over S. Fork Kaweah River near South Fork Campground. Funding: Highway Bridge Program (HBP) – federally funded	<ul style="list-style-type: none"> • In January, abutment construction and placement of bridge stringers completed. • In February deck placement and barrier rail to be constructed. 	Budget: \$ 3,825,031 Award: \$ 3,630,982 CO's to Date: \$ 0 Total Contract: \$ 3,630,982 Payments: \$ 1,540,980 Last Payment: 01/31/2021	 <p>48%</p> <p>Expected Completion: Fall 2021</p> <p>Design → R-O-W → Const.</p>

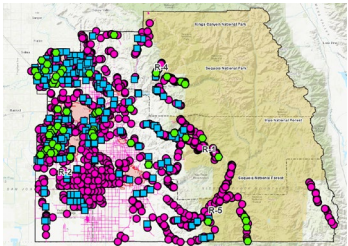
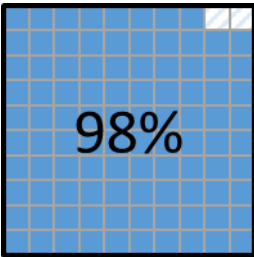
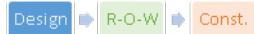

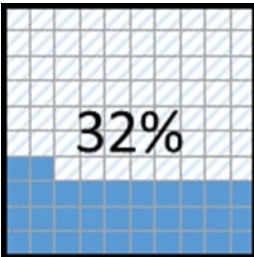
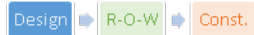
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
Community Accessibility Enhancement Project 2.0  <p>Completed curb ramp and HMA paving on the community of Ivanhoe</p>	District: Nos. – 2, 4, & 5 Division: MG2 – Design & Construction Designer: RMA - Public Works Contractor: 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"> Work in the communities of Pixley, Terra Bella, and Ivanhoe has been completed. Due to winter weather conditions, contractor has requested temporary suspension of the project before completing work in Cutler. Contractor will resume work on the project as a mutually agreeable date in the spring. 	Budget: \$ 407,943 Award: \$ 376,613 CO's to Date: \$ 0 Total Contract: \$ 407,943 Payments: \$ 268,264 Last Payment: 12/31/20	 <p>66%</p> <p>Expected Completion: Spring 2021</p> <p>Design → R-O-W → Const.</p>
East Orange Avenue (John J. Doyle Elementary) Pedestrian Crossing Enhancements Project  <p>Photo of Midblock Crossing along East Orange Avenue.</p>	District: No. 5 – Dennis Townsend Division: MG2 – RMA-Roads Designer: Tulare County RMA Contractor: Don Berry Construction Inc.	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"> Project awarded to Don Berry Construction, Inc. Pre-Construction meeting scheduled for 1/19/21. Staff is reviewing project submittals and preparing for start of work. 	Budget: \$ 104,247 Award: \$ 94,770 CO's to Date: \$ 0 Total Contract: \$ 104,247 Payments: \$ 0 Last Payment: N/A	 <p>0%</p> <p>Expected Completion: Spring 2021</p> <p>Design → R-O-W → Const.</p>


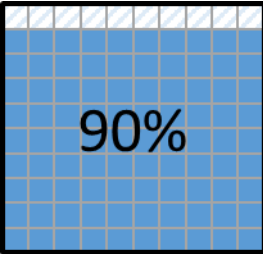

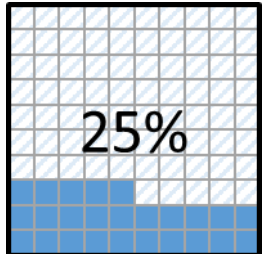
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
Navigation Aids at Sequoia Field Project  PAPI installed near Sequoia Field Runway	District: No. 4 – Eddie Valero Division: MG3 – Special Projects Designer: Wadell Engineering Corporation Contractor: Kobo Utility	Installation 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"> • All airport lighting for the project (PAPI and REIL) has been installed. All electrical connections have been made and the system has been tested. • The BOS approved funds for a flight test by the FAA on 1/5/21. • Staff are working to schedule the flight test and will present an agreement for it to the BOS in March. 	Budget: \$ 363,586 Award: \$ 323,870 CO's to Date: \$ 0 Total Contract: \$ 323,870 Payments: \$ 311,510 Last Payment: 12/2/20	


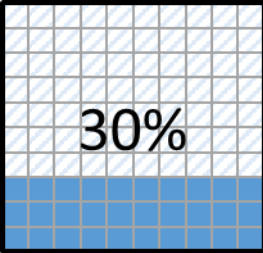

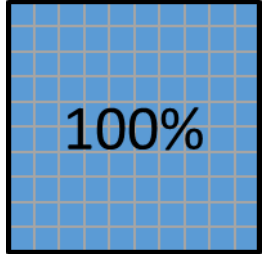
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
Avenue 392 Sand Creek Bridge  Elevation photo of the bridge	District: No. 4 – Eddie Valero Division: MG2 – Design & Construction Designer: NCM & RMA - Public Works Contractor: Viking Construction	Replacement of the existing functionally 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"> Construction contract schedule awarded and approved by the Board on December 8, 2020. Construction start anticipated Feb 2021 pending approval of on-call RFP contracts. Staff to secure consultants needed for construction support. 	Budget: \$ 2,600,000 Award: \$ TBD CO's to Date: \$ 0 Total Contract: \$ TBD Payments: \$ 0 Last Payment: N/A	 Expected Completion: Fall 2021 Design → R-O-W → Const.
Earlmarl Sidewalk Improvements Project  Sidewalk prep on Church Street south of Washington Ave, looking north	District: No. 2 – Pete Vander Poel Division: MG2 – Design & Construction Designer: RMA - Public Works Contractor: 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"> All concrete and paving work on Washington Avenue has been completed. 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. 	Budget: \$ 990,836 Award: \$ 931,749 CO's to Date: \$ 0 Total Contract: \$ 990,836 Payments: \$ 454,797 Last Payment: 11/30/20	 Expected Completion: April 2021 Design → R-O-W → Const.
Avenue 108 Lakeland Canal Bridge  Elevation photo of the bridge experiencing peak irrigation flows	District: No. 2 – Pete Vander Poel Division: MG2 – Bridges Designer: Drake Haglan & Associates Contractor: TBD	Replacement of existing one-lane bridge with new two-lane bridge. Located on Avenue 108 over Lakeland Canal, 0.5 miles east of State Route 43 near Alpaugh. Funding: Highway Bridge Program (HBP) – federally funded	<ul style="list-style-type: none"> Type Selection Report approved by Caltrans in November. County staff and consultant initiated 65% design in December. In January all environmental studies submitted to Caltrans for approval. 	Design: \$ 500,000 Expenditures: \$ 295,815 Other Phases: Right-of-Way: \$ 20,000 Construction: \$ 2,400,000	 Expected Completion: Fall 2022 Design → R-O-W → Const.


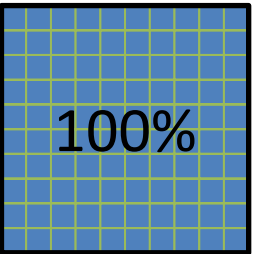
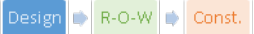

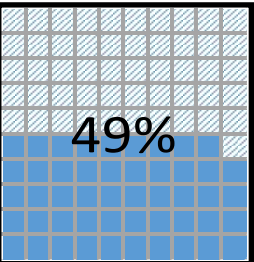


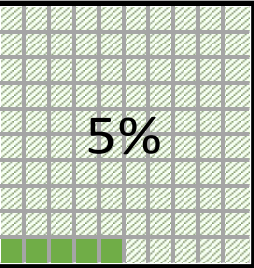

Project Name	Contacts	Description	Progress Update	Project Budget	Completion
Avenue 376 Traver Canal Bridge  Elevation photo of the bridge	District: No. 4 – Eddie Valero Division: MG2 – Bridges Designer: Cornerstone Structural Eng. Group Contractor: TBD	Replacement of existing structurally deficient two-lane bridge with wider two-lane bridge. Located on Avenue 376 over Traver Canal, 0.25 miles east of Road 40. Funding: Highway Bridge Program (HBP) – federally funded	<ul style="list-style-type: none"> Environmental studies ongoing and NEPA clearance anticipated summer 2021. In January project Type Selection Memorandum was finalized and submitted to Caltrans for approval. 	Design: \$ 500,000 Expenditures: \$ 284,211 Other Phases: Right-of-Way: \$ 100,000 Construction: \$ 1,100,000	 Expected Completion: Fall 2022 
Avenue 428 Sand Creek Bridge  Elevation photo of the bridge	District: No. 4 – Eddie Valero Division: MG2 – Bridges Designer: TRC Companies Contractor: 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"> Environmental studies ongoing. NEPA clearance anticipated spring 2021. Project team determined that additional field surveys needed. In January staff initiated coordination with Utility companies for necessary relocation. 	Design: \$ 605,000 Expenditures: \$ 321,761 Other Phases: Right-of-Way: \$ 20,000 Construction: \$ 2,400,000	 Expected Completion: Fall/Winter 2022 


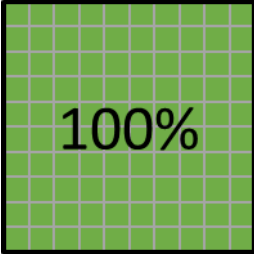


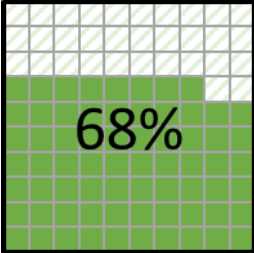


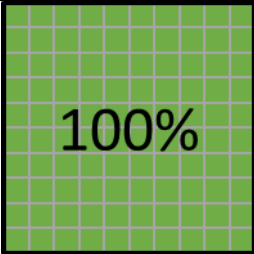

Project Name	Contacts	Description	Progress Update	Project Budget	Completion
Bridge Preventive Maintenance Program Group 1  <p>Road yard crew spraying methacrylate overlay on Road 80 (2014)</p>	<i>District:</i> Countywide <i>Division:</i> MG2 – Bridges <i>Designer:</i> Tulare County RMA <i>Contractor:</i> TBD	Application of methacrylate overlay (concrete deck sealant) treatment to 12 bridges located throughout County. Funding: Highway Bridge Program (HBP) – federally funded & Measure R (TCAG)	<ul style="list-style-type: none"> Staff performing design in-house. In January, 35% (preliminary) design continued. In February staff will initiate procurement of on-call environmental consultant for NEPA clearance. 	<i>Design:</i> \$ 238,200 <i>Expenditures:</i> \$ 78,555 Other Phases: <i>Right-of-Way:</i> \$ N/A <i>Construction:</i> \$ 985,800	 <p>28%</p> <p>Expected Completion: Fall 2022</p> <p>Design → R-O-W → Const.</p>
Bridge Preventive Maintenance Program Group 5  <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	Application of scour countermeasures to piers, abutments, and other areas of 24 bridges affected by scour located throughout County. Funding: Highway Bridge Program (HBP) – federally funded & Measure R (TCAG)	<ul style="list-style-type: none"> In January staff began preparing RFP needed to procure design contract for project. RFP advertisement anticipated March 2021 with contract execution anticipated summer 2021. 	<i>Design:</i> \$ 898,700 <i>Expenditures:</i> \$ 45,258 Other Phases: <i>Right-of-Way:</i> \$ N/A <i>Construction:</i> \$ 3,668,300	 <p>8%</p> <p>Expected Completion: Fall 2023</p> <p>Design → R-O-W → Const.</p>


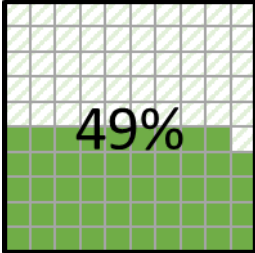

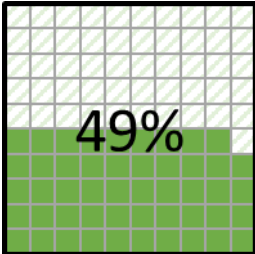

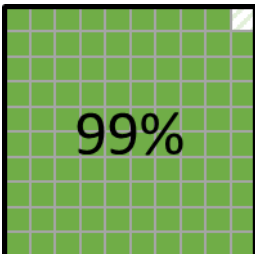
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
Bridge Preventive Maintenance Plan for Bridges Under 20 Feet  County Map with all bridges under 20 feet	District: Countywide Division: MG2 – Bridges Designer: Tulare County RMA Contractor: TBD Designer: NCM Engineering Contractor: 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"> • In January drafting of maintenance plan continued. • Final Report prepared to be completed in February Supplemental inspections expected to occur in fall 2021. 	Design: \$ 250,000 Expenditures: \$ 208,000 Other Phases: Right-of-Way: \$ N/A Construction: \$ N/A	 Expected Completion: Fall 2021 
M109 White River Bridge  Photo of bridge with temporary K-Ril protection	District: No. 5 – Dennis Townsend Division: MG2 – Bridges Designer: Dokken Engineering Contractor: TBD	Replacement of existing structurally deficient one-lane bridge with wider two-lane bridge. Located on M109 over White River, 8 miles southwest of Fountain Springs. Funding: Highway Bridge Program (HBP) – federally funded & Measure R (TCAG)	<ul style="list-style-type: none"> • Continued quarterly inspections of existing bridge to ensure temporary rail functioning as intended. • In January staff reviewed remaining environmental technical studies. • In February project Type Selection Report and environmental technical studies to be completed and submitted to Caltrans for approval. 	Design: \$ 630,000 Expenditures: \$ 219,719 Other Phases: Right-of-Way: \$ 75,000 Construction: \$ 3,000,000	 Expected Completion: Fall 2023 


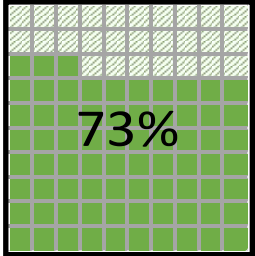

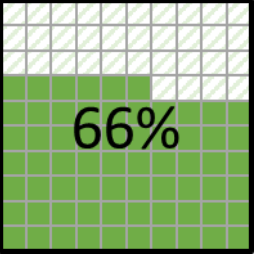
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
Alpaugh Complete Street Improvements Project  <p>Photo of Center St, near the Alpaugh Elementary School Crossing at Wilbur Road & Center St.</p>	District: No. 2 – Pete Vander Poel Division: MG2 – Roads Designer: Tulare County RMA Contractor: TBD	New concrete sidewalk, curb & gutter, ADA ramps, drainage facilities along Center St (between 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 (between Road 16 & Railroad crossing at Avenue 56) shall be placed. Funding: Measure R	<ul style="list-style-type: none"> • 3 TCE contracts have been signed. • Final QA/QC comments finalized on 2/3/21. • Utility coordination is underway. BNSF permit process initiated on 1/19/21. • Alpaugh CSD utility impact resolution letter issued on 1/19/21. • Pole relocation has been finalized. • ISR review follow-up sent on 2/4/21. (2) fence relocations are pending. As of 1/6/21, ROW team will continue to contact.	Design: \$200,000 Expenditures: \$229,222 Right-of-Way: \$50,000 Expenditures: \$34,022 Construction: \$3,531,643	 <p>90%</p> <p>Expected Completion: Spring 2021</p> <p>Design → R-O-W → Const.</p>
M375A Mineral King over East Fork Kaweah River  <p>Elevation photo of the bridge</p>	District: No. 1 – Larry Micari Division: MG2 – Bridges Designer: Cornerstone Structural Eng. Group Contractor: 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"> • Staff continued performing quarterly inspections of existing bridge to ensure temporary rail functioning as intended. • In December 35% design initiated, Geotechnical Investigations completed, and County staff met with Tribal members interested in the Project. • In January project Type Selection Report to be completed and submitted along with additional environmental studies. 	Design: \$ 630,00 Expenditures: \$ 182,698 Other Phases: Right-of-Way: \$ 75,000 Construction: \$ 3,000,000	 <p>25%</p> <p>Expected Completion: Fall/Winter 2024</p> <p>Design → R-O-W → Const.</p>

Project Name	Contacts	Description	Progress Update	Project Budget	Completion
Avenue 144 & Road 96 Safety Improvements Project  Photo of Avenue 144 & Road 96 Intersection	District: No. 2 – Pete Vander Poel III Division: MG2 – Roads Designer: Tulare County RMA Contractor: 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"> 30% design memo review finalized on 1/11/21. County desires to redesign roundabout to accommodate booster trailer loads. Per the Sec. 106 study, tribal consultation notification request letters have been sent to respective tribes. First invoice has been processed. TBD: Follow up letter shall be sent to project consultant on design change. 	Design: \$250,000 Expenditures: \$90,137 Right-of-Way: \$225,000 Construction: \$2,297,800	 Expected Completion: Fall 2022 Design → R-O-W → Const.
Avenue 232 Safety Improvement Project  Photo of Ave 232/Road 36 Intersection	District: No. 2 – Pete Vander Poel Division: MG2 – Roads Designer: Tulare County RMA Contractor: 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"> Utility coordination in progress. Final PS&E progress. Right-of-Way certification completed. Submit RFA for construction next milestone. 	Design: \$ 130,000 Expenditures: \$ 159,000 Other Phases: Right-of-Way: \$ 300,000 Construction: \$ 1,500,000	 Expected Completion: Spring 2021 Design → R-O-W → Const.

Project Name	Contacts	Description	Progress Update	Project Budget	Completion
Avenue 80 Railroad Crossing Improvements Project  Photo of Ave 80 Railroad Crossing	District: No. 2 – Pete Vander Poel Division: MG2 – Roads Designer: Tulare County RMA Contractor: 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"> 100% PS&E complete. Project awarded to lowest apparent bidder. Notice to proceed anticipated in July. 	Design: \$ 40,500 Expenditures: \$ 69,000 Other Phases: Right-of-Way: \$ N/A Construction: \$ 330,000	 Expected Completion: Spring 2020 
Avenue 256 & Road 204 Signalization and Rehabilitation Project  Intersection of Avenue 256 & Road 204 (existing conditions)	District: No. 1 – Larry Micari Division: MG2 – Design, Construction Mgmt. Development Services Designer: 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"> Preparing utility conflict and right-of-way exhibits (in-progress). Finalizing 30% design plans. 	Design: \$ 135,000 Expenditures: \$ 66,000 Other Phases: Right-of-Way: \$ 240,000 Construction: \$ TBD	 Expected Completion: Summer 2020 
Road 160 Sidewalk Improvements Project  Road 160 Existing Conditions	District: No. 4 – Eddie Valero Division: MG2 – Design, Construction Mgmt. Development Services Designer: 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"> 65% design plans complete. Preparing utility conflict and right-of-way exhibits (in-progress). 	Right-of-Way: \$ 365,000 Expenditures: \$ 9,000 Other Phases: Design: \$ 185,000 Construction: \$ 1,025,000	 Expected Completion: Fall 2022 

Project Name	Contacts	Description	Progress Update	Project Budget	Completion
Avenue 364 Cottonwood Creek Bridge  Elevation photo of the bridge	District: No. 4 – Eddie Valero Division: MG2 – Bridges Designer: NCM Engineering Contractor: 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"> Final design complete. Right-of-way certification completed in September 2020. Depending on HBP funding availability, construction anticipated to start fall/ winter 2021. 	Right-of-Way: \$ 50,000 Expenditures: \$ 530,741 Other Phases: Design: \$ 600,000 Construction: \$ 2,800,000	 Expected Completion: Fall 2021 
D112 Bates Slough Bridge  Elevation photo of the bridge	District: No. 2 – Pete Vander Poel Division: MG2 – Bridges Designer: NCM Engineering Contractor: 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"> Final design in progress. Right-of-way acquisitions completed in August 2020. Utility coordination to continue in January. Right-of-way certification scheduled to be completed in February 2021. 	Right-of-Way: \$ 20,000 Expenditures: \$ 406,698 Other Phases: Design: \$ 500,000 Construction: \$ 1,100,000	 Expected Completion: Fall/Winter 2021 
Avenue 424 Traver Canal Bridge  Elevation photo of the bridge	District: No. 2 – Pete Vander Poel Division: MG2 – Bridges Designer: Moffat & Nichol Contractor: 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"> 100% Design complete. Right-of-way certification complete. Depending on HBP funding availability, construction anticipated to start fall/winter 2021. 	Right-of-Way: \$ 100,000 Expenditures: \$ 631,000 Other Phases: Design: \$ 604,000 Construction: \$ 2,400,000	 Expected Completion: Fall 2020 

Project Name	Contacts		Description	Progress Update	Project Budget	Completion
Avenue 174 Friant-Kern Canal Bridge 	District: No. 5 – Dennis Townsend Division: MG2 – Design, Development & Construction		Replacement of existing two-lane bridge with wider two-lane bridge. Located on Ave 174 over Friant-Kern Canal, north of Porterville. Funding: Highway Bridge Program (HBP) – federally funded	<ul style="list-style-type: none"> In January, NEPA clearance received. In September staff met with utility owners to discuss potential conflicts; coordination to continue in February 65% PS&E in progress, anticipated submittal April 2021. 	Right-of-Way: \$ 20,000 Expenditures: \$ 397,487 Other Phases: Design: \$ 600,000 Construction: \$ 2,750,000	 <p>Expected Completion: Fall 2023</p> <p>Design R-O-W Const.</p>
Avenue 174 Friant-Kern Canal Bridge 	District: No. 5 – Dennis Townsend Division: MG2 – Design, Development & Construction Contractor: TBD		Replacement of existing two-lane bridge with wider two-lane bridge. Located on Ave 174 over Friant-Kern Canal, north of Porterville. Funding: Highway Bridge Program (HBP) – federally funded	<ul style="list-style-type: none"> In January, NEPA clearance received. In September staff met with utility owners to discuss potential conflicts; coordination to continue in February 65% PS&E in progress, anticipated submittal April 2021. 	Right-of-Way: \$ 20,000 Expenditures: \$ 397,487 Other Phases: Design: \$ 600,000 Construction: \$ 2,750,000	 <p>Expected Completion: Fall 2023</p> <p>Design R-O-W Const.</p>
Road 204 Wutchumna Ditch Bridge 	District: No. 4 – Eddie Valero Division: MG2 – Bridges Designer: Quincy Engineering Contractor: TBD		Replacement of existing functionally obsolete two-lane bridge with wider two-lane bridge. Located on Road 204 over Wutchumna Ditch, 0.1 miles south of Avenue 336. Funding: Highway Bridge Program (HBP) – federally funded	<ul style="list-style-type: none"> Final design nearly completed. Right-of-way certification completed Depending on HBP funding availability, construction anticipated to start fall/winter 202. In February staff to coordinate construction schedule with irrigation district. 	Right-of-Way: \$ 100,000 Expenditures: \$ 456,095 Other Phases: Design: \$ 500,000 Construction: \$ 1,100,000	 <p>Expected Completion: Fall 2021</p> <p>Design R-O-W Const.</p>

Project Name	Contacts	Description	Progress Update	Project Budget	Completion
Avenue 328 Safety Improvements Project  Intersection of Avenue 328 & Road 156 (existing conditions)	District: No. 4 – Eddie Valero Division: MG2 – Design, Construction Mgmt. Development Services Designer: RMA - Public Works Contractor: 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"> 100% design plans complete and under review by internal staff. Utility relocation in-progress. Right-of-way acquisition in-progress. 	Right-of-Way: \$ 75,000 Expenditures: \$ 55,000 Other Phases: Design: \$ 150,000 Construction: \$ 1,239,000	 Expected Completion: Spring 2021 Design → R-O-W → Const.
D112 North Branch Tule River Bridge  Elevation photo of the bridge	District: No. 2 – Pete Vander Poel Division: MG2 – Bridges Contractor: TBD	Replacement of existing structurally deficient two-lane bridge with wider two-lane bridge. Located on Road D112 over North Branch Tule River, 2 miles south of Avenue 184. Funding: Highway Bridge Program (HBP) – federally funded	<ul style="list-style-type: none"> In January staff coordinated utility impacts with Chevron right-of-way clearance and 90% design submittal anticipated in March. 	Right-of-Way: \$ 20,000 Expenditures: \$ 417,683 Other Phases: Design: \$ 615,000 Construction: \$ 2,380,000	 Expected Completion: Fall 2021 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 January 83 maps were provided to the Planners for 26 separate projects.

ENCROACHMENT PERMITS

In January staff processed a total of 49 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 73 transportation permits comprised of: 13 rider permits, 39 single-trip permits (including over-sized or overweight loads) and 21 blanket/annual permits.
- Issued 12 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;
- No Special Events are being processed at this time due to COVID-19.

	Jan 2021	Feb 2020	Mar 2020	Apr 2020	May 2020	Jun 2020	Jul 2020	Aug 2020	Sep 2020	Oct 2020	Nov 2020	Dec 2020
<u>Transportation:</u>	73	39	63	23	26	313	98	120	83	124	141	64
Trans. Annual	21	9	52	3	12	275	54	65	18	77	108	17
Trans. Riders	13	22	11	23	14	12	10	8	18	14	16	17
Single Trip	39	30	11	11	14	38	34	47	47	33	17	30
<u>Encroachment:</u>	49	31	29	61	69	58	75	75	20	74	30	35
Utility	18	20	13	47	46	43	30	19	15	39	18	11
Standard	18	9	14	13	21	13	40	20	5	17	8	18
Curb & Gutter	0	1	1	0	1	1	3	1	0	0	0	1
Encr. Annual	1	1	1	1	1	1	2	1	1	7	1	1
Sub/Permits Maint. Insp.	12	9	9	9	7	7	7	4	11	11	3	4
Special Events:	0	4	1	2	0	0	0	0	0	0	1	0
House Moving:	0	2	1		2	2	9	5	2	1	0	1

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.



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.

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 January 2021.

Operations and maintenance of Zones of Benefit water systems continued through January 2021 with **no known service interruptions or spills**. Wells Tract water flow decreased approximately 380,000 gallons for the month of December 2020, while Wells Tract Sewer had a slight increase of 4%. Staff are investigating the significant reported change in Wells Tract water usage.

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

Zone of Benefit - Water & Wastewater Volumes December 2020				
Sewer Systems			Water Systems	
Total Monthly Flow (Gallons)		% Capacity	Total Monthly Flow (Gallons)	
Delft Sewer	870,547	51%	Delft Water	2,715,000
Seville Sewer	598,030	40%	Wells Tract Water	835,120
Yettem Sewer	864,601	69%		
Wells Tract Sewer	777,000	136%		
Tonyville Sewer	463,690	22%		
Tooleville Sewer	667,461	64%		
Traver Sewer	1,133,546	42%		
TBSMD	5,964,989	66%		
El Rancho Sewer	Treatment provided by City			
TOTAL		11,339,864	TOTAL 3,550,120	

STORM RESPONSE AND SQF COMPLEX FIRE BURN SCAR

Staff continue to participate in the SQF Complex Recovery with other County agencies and outside stakeholders. As part of the recovery efforts, staff have been working to monitor the burn scar and storm impacts to it more closely than would be typical for the area. 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. Staff continue participating in the statewide taskforce led by CalOES on Debris Flows and Watersheds.

Staff previously worked with the National Weather Service, Caltrans, CHP, and others to prepare a response plan to reduce risk and close roads when heavy rain is forecast. None of the January storms required execution of this plan beyond public messaging, in part because the snow level for these storms was as low as 2000' elevation.

At this time, the January storms have left some snow over most of the area within the burn scar. This creates a decreased risk of debris flows for the areas while snow remains on the ground.

The storm events experienced thus far this water year have not had any significant impact or caused any debris flows or excessive erosion.

FLOOD CONTROL

On January 26, 2021, the Board approved a resolution to authorize the Fresno Irrigation District to submit a grant application for a project in Sultana on behalf of the Flood Control District.

The Flood Commission met on January 15, 2021. At this meeting, the Commission received a report on the status of ongoing and upcoming flood control projects.

Staff attended the quarterly Tule River Improvement Project JPA meeting, which included an update on the Success Reservoir Enlargement Project, currently under construction.

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.

Staff continue to move forward on an amendment to the transit operations and maintenance contract with MV Transportation Services. The amendment will provide for system improvements and will further define the

relationship between the County and MV as MV moves into the Transit Operations and Maintenance Facility. The draft was submitted to Caltrans for review, with approval expected in early February.

The Board of Supervisors approved the 2020 Title VI Plan on January 5, 2021. This plan is done to ensure compliance with Title VI of the Civil Rights Act and ensure that the civil rights of transit riders are protected. The plan was prepared by transit staff.

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 December:

	December	Prior December	Change	FYTD	Prior FYTD	Change
Total Ridership	10,495	20,279	-48.25%	67,027	137,515	-51.26%
Fixed Route Ridership	10,307	19,946	-48.33%	65,797	134,844	-51.21%
Demand Response Ridership	188	333	-43.54%	1,230	2,671	-53.95%
Fixed Route Passengers per Mile	0.13	0.25	-48.00%	.14	.28	-50.00%
Demand Response Passenger per Hour	1.21	1.79	-32.40%	1.21	1.75	-30.86%

MANAGEMENT GROUP 4:

SURVEYOR'S OFFICE

The activities and projects in process and/or completed in January 2021 are as follows:

Parcel Map	15	Certificate of Compliance	1
Tract Map	5	Record of Survey	30
Corner Record	153	Vacation of Right of Way	2
Merger of Parcels	2	Lot Line Adjustment	6
Waved Parcel Map	1		

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

2020 RRAA Project 1	Farm to Market Rehab 2.0 Project 2
2020 RRAA Project 2	Friant Kern Canal Project
2020/21 CTIP: Avenue 152	HSIP Cycle 7 Avenue 232
Bridge: Avenue 392 Sand Creek	Sequoia Field Airport Navigational Aides
Bridge: M348 S. Fork Kaweah	Solid Waste Operations -Teapot Dome
Community Accessibility and Enhancement	Survey Monument Preservation Project
East Orange Ave. Pedestrian Crossing	Teapot Dome Road Reconstruction
Farm to Market Rehab 2.0 Project 1	

Respectfully submitted,

Reed Schenke

REED SCHENKE, PE
Director

RS/nw

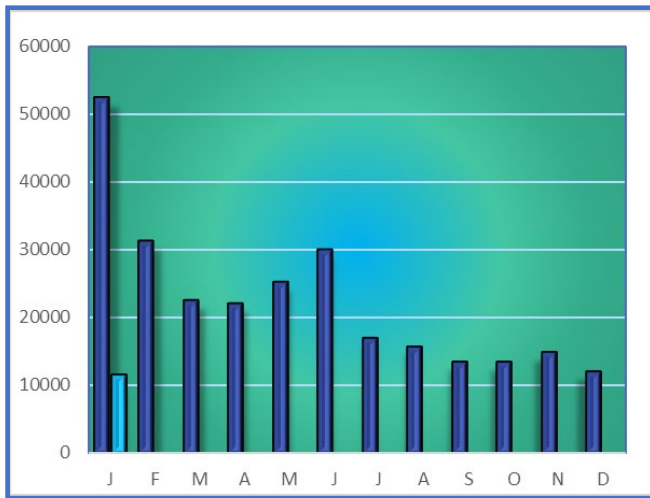
cc: Michael Washam, RMA Associate Director
Sherman Dix, RMA Fiscal Services Director

Tulare County RMA – Road Maintenance Activities

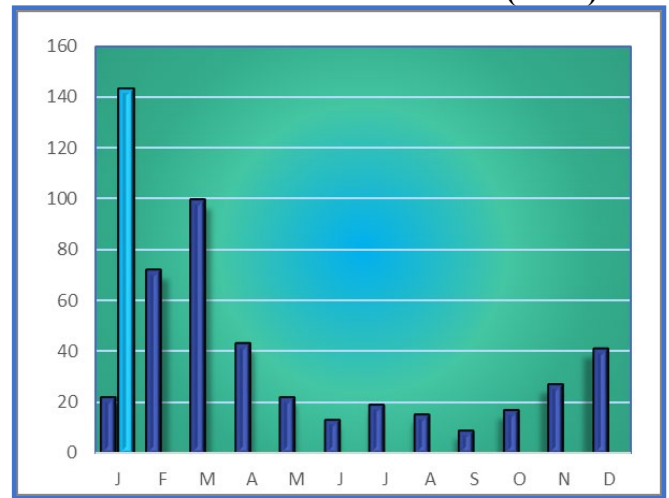
January 2021
Dark Blue = 2020 Light Blue = 2021



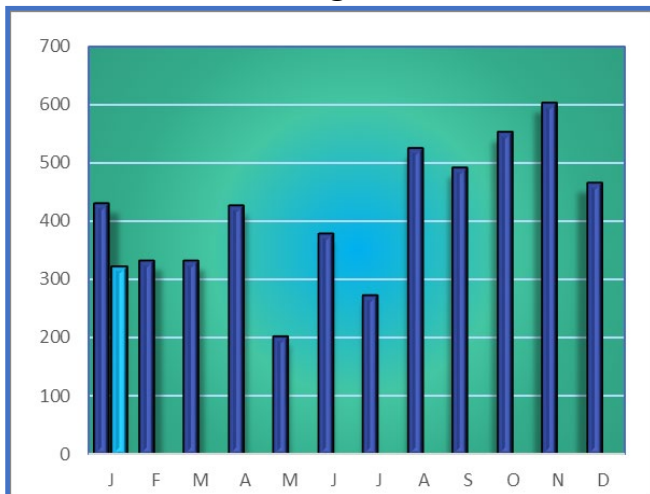
Potholes Patched



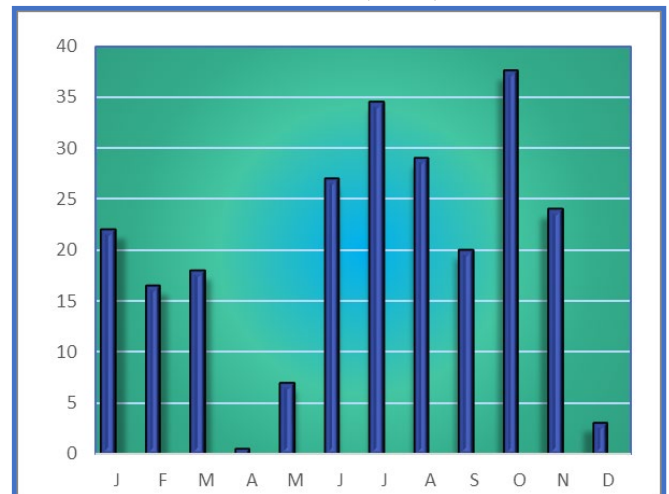
Shoulder Maintenance (miles)



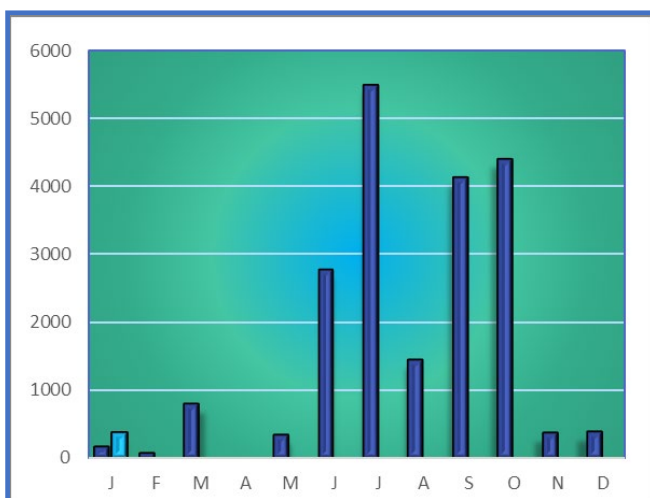
Traffic Signs



Blade Patch (miles)



Road Stencil (sq. ft.)



Road Stripe (miles)

