



RESOURCE MANAGEMENT AGENCY

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REED SCHENKE, DIRECTOR

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April 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. 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 March 2021.

East Orange Avenue Pedestrian Crossing Enhancements Project Complete



In March construction was completed on the East Orange Avenue Pedestrian Crossing Enhancements Project located adjacent to the John J. Doyle Elementary School in Porterville. The Project consisted of the installation of safety improvement features at the midblock pedestrian crossing along East Orange Avenue directly adjacent to the School's entrance and bus drop off areas. The scope of this project included the installation of solar powered rectangular rapid flashing beacons (RRFBs), advance flashing beacons, ADA Ramps, minor paving, and related improvements (signing/stripping, etc.). The completion of this project has increased community safety by improving visibility for motorists approaching the pedestrian crossing, providing accommodations for persons with disabilities, and

increasing safety for pedestrians using the crossing. This project was programmed as part of the 2019-2020 CTIP. Funding for the project included HSIP and County Road Funds.

Construction on this project began on February 2nd, and was completed on time and within allotted construction budget by Don Berry Construction Inc. Throughout the course of construction, the contractor worked closely with staff at the adjacent Elementary School to ensure pedestrian and bus traffic was not negatively impacted by construction activities. At this time, County staff is working directly with the contractor to ensure all necessary paperwork has been submitted prior to providing final payment for this work and taking the Notice of Completion for acceptance to the Board. Construction costs were \$104,247.00.

Community Accessibility Enhancement Project

Another project that Public Works completed in March was the Community Accessibility Enhancement Project 2.0. This multi-district project consisted of pedestrian improvements in the Communities of Terra Bella, Ivanhoe, Pixley and Cutler. The scope of the project included the installation of ADA ramps, sidewalk, concrete islands, crosswalk striping and asphalt pave-outs. This Project was awarded to Witbro Inc, dba Seal Rite Paving and Grading. in September of 2020. The contractor began work on the project in late October. The project was placed on temporary suspension at the end of December but resumed and was completed when work resumed in the community of Cutler in March. In addition to the work completed by the contractor, County forces stepped in and installed Rectangular Rapid Flashing Beacon (RRFB) systems, including pedestrian push buttons and Advanced Warning Beacons in the communities of Pixley and Ivanhoe. The completion of this project has increased community safety by improving visibility for motorists approaching the pedestrian crossing, providing accommodations for persons with disabilities, and increasing safety for pedestrians using the respective crossings. This project was fully funded through County Measure R Local Program Funds. Construction costs for this project were \$407,943; this project was completed within budget. Staff is working with the contractor to complete the final paperwork to present to the Board for final acceptance.



MANAGEMENT GROUP 1:

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

On Monday, March 29, our Road Maintenance crew began the 4/10 work week. Our crew is in full swing to begin our overlay projects.

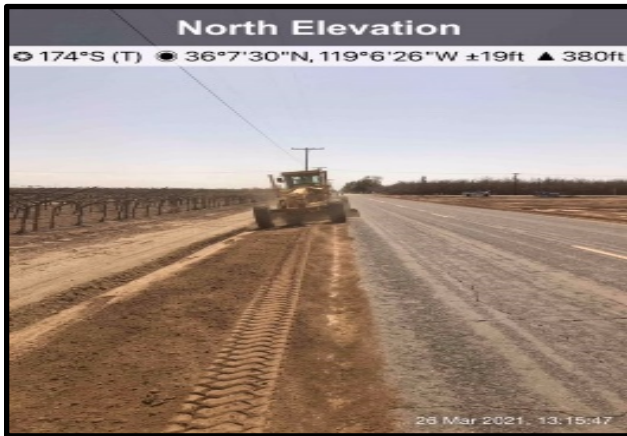
ROAD MAINTENANCE

Work Performed	LAST Month Total	THIS Month Total	Percent Increase/Decrease(-) from Prior Month
Potholes Patched	42120	58175	38%
Shoulder work (Lane miles)	69	132	91%
Blade Patches (Miles)	0	1	100%
Bridges maintained	27	12	-56%
Constituent requests	68	86	26%
After hour call-outs	14	6	-57%

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 March include:



Performed 23 miles of shoulder work at 6 locations for 13 days throughout the road district



Completed about 4 days of snow removal

- Worked with the Mountain Home crew to clear brush and weeds for 10 days at 1 location
- Performed 3 days of mowing in Frazier Valley
- Cleaned drains of debris flow caused recent rainfall events within the burn scar area located on Wishon drive from State Route 190 to Milepost 4.23:





Repaired damaged bridge rails on Avenue 160 at the Friant Kern Canal:



Performed parking lot repair for the Sheriff's Office substation



And pothole patching continues.....

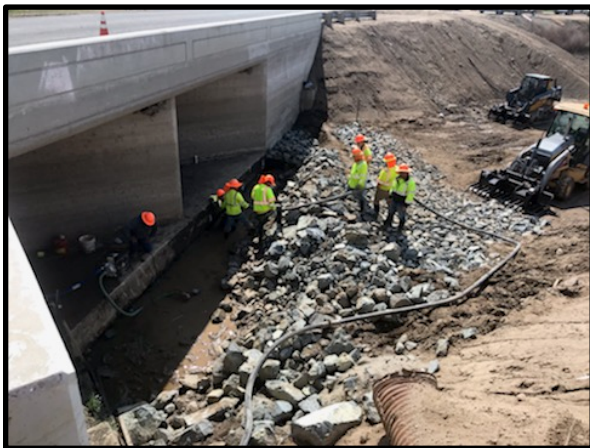
ROAD DISTRICT 2:

Activities in March include:

- Performed 42 miles of shoulder work throughout the road district
- Continued to use our Sweeper to sweep communities throughout the County:



Completed scour mitigation measures on Road 40 at about Avenue 82 at the Homeland canal



Clean-up of a fallen tree due to high winds.



Replaced a damaged bridge headwall located on Road 100, south of Avenue 272



- Assisted HHSA with hauling equipment and setup/take down of COVID vaccine facilities.

ROAD DISTRICT 4:

Activities in March include:

- Performed 41 miles of shoulder work throughout the road district
- Performed Blade patch work:

p



Replaced a flood gate that was damaged by a vehicle on the Sontag Ditch located on Avenue 384, east of Road 156

- Continued to clean 5 ponding basins district wide
- Remove fallen tree on Avenue 318 at Fisher Drive
- Continued to check drains and culverts district wide
- Snow plowed Badger Road, 3 days.

ROAD DISTRICT 5:

Activities in March include:

- Performed 26 miles of shoulder work throughout the road district
- Performed 10 days of culvert pipe cleaning/maintenance
- Repaired damaged bridge rails on M120 at Deer Creek:



- Removed downed trees on roadway:



TRAFFIC CONTROL:

Activities in March include:

SIGN MAINTENANCE

Work Performed	Last Month Total	This Month Total	Percent Increase/Decrease(-) from Prior Month
New signs installed	67	31	-54%
Routine maintenance of signs	181	177	-2%
Vandalized signs repaired/replaced	199	172	-14%
Worn traffic signs repaired/replaced	278	106	-62%
Miles of Road striped	0	0	0%
Stencils installed (Sq ft)	216	120	-44%
Traffic signal/light repair	3	5	67%
Illegal signs Removed from Right of Way	10	15	50%

Installation of Board approved Stop signs at the intersection of Silver Fox, Wardlaw and Mustang Drive at Pleasant Oak Drive in Springville:



Installed “Share the Road” signs along intersections to Pleasant Oak Drive in Montgomery Ranch:



Installed additional signage on Avenue 272 and Road 122 to alert motorists of an oncoming turn



- There were 10 after-hour calls for downed signs or signal malfunction.

TRAFFIC DIVISION:

- Staff reviewed constituent requests for Stop signs, speed advisories, etc. as they were received
- Began updating Speed Zone Engineering Traffic Study worksheets to prepare for Speed Studies
- Investigated the installation of a one way Stop control at the intersection of Road 108 and Avenue 256
- Reviewed and approved lane striping modifications to Road 196 from State Route 198 to Avenue 300 due to constituent concerns for passing safety.

SAFETY:

- Two Construction Maintenance Workers were added to the DOT program for Random drug/alcohol testing
- Conducted the following:
 1. Crews given a refresher update on COVID protocol and our Heat and Illness prevention on the first day of our 4/10 summer schedule.
 2. Continued to visit each road yard to ensure construction and COVID-19 safety protocols are being followed.
 3. Provided “Professionalism in the Workplace” training at the Central shop.
 4. Safety inspection for various project locations in the field.

ENCROACHMENTS:

ENCROACHMENTS

Work Performed	Last Month Total	This Month Total	Percent Increase/Decrease(-) from Last Month
Photos taken for encroachments, collisions, etc.	98	74	-24%
Calls of complaints, violations	17	23	35%
Encroachments cases opened - Letters sent	7	3	-57%
Encroachment cases closed due to compliance	3	2	-33%
After hour alarm calls for road yards	5	7	40%
Miles driven to patrol roads	2147	1936	-10%

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

Tree encroachment compliance at Avenue 204, east of Road 228



Before



After

Cajon Avenue and Pine Street, Woodlake



Before

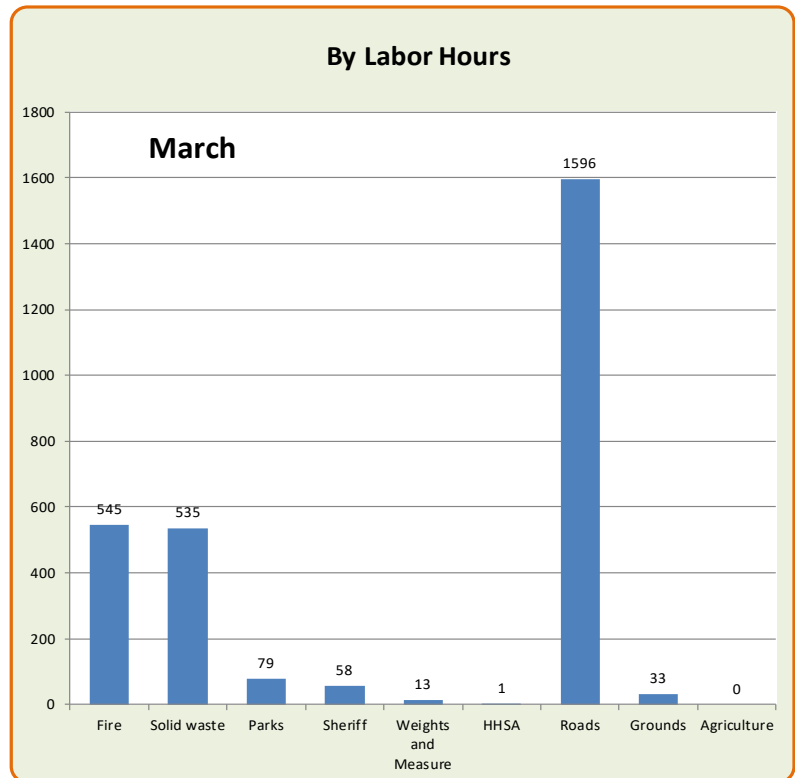



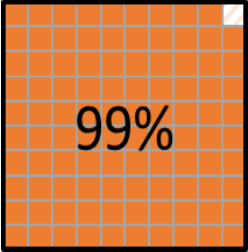

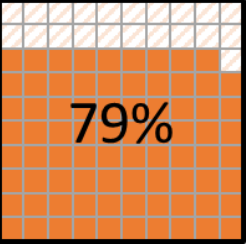
After


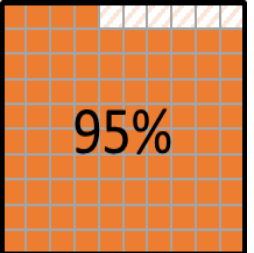

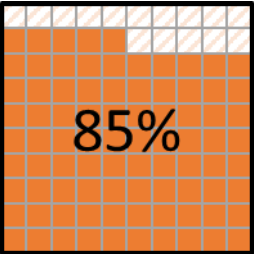
HEAVY EQUIPMENT MAINTENANCE DIVISION:


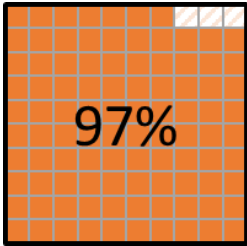

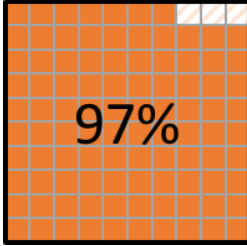
For the month of March the Heavy Equipment Shop maintained various pieces of equipment for 8 agencies completing 375 work orders for a total of 2,860 hours as shown in the chart below:


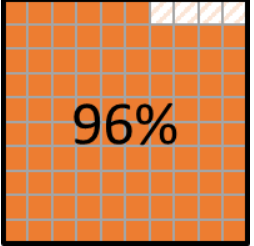

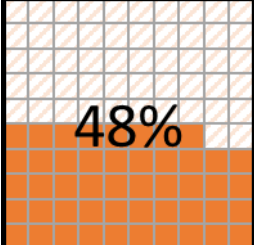

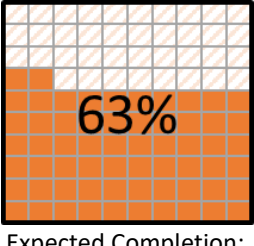
Agency	Work Orders	Labor Hours
Fire	43	545
Solid waste	64	535
Parks	17	79
Sheriff	12	58
Weights and Measure	1	13
HHSA	2	1
Roads	228	1596
Grounds	8	33
Agriculture	0	0
Total	375	2860


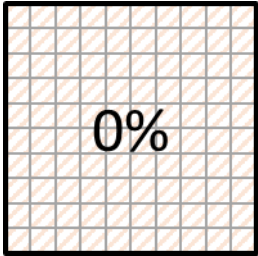




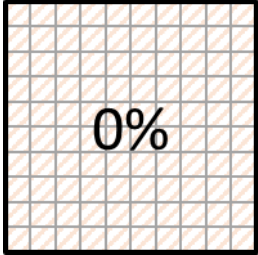






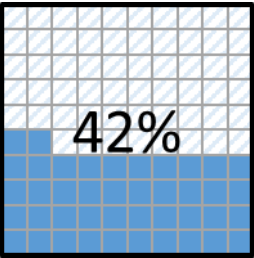

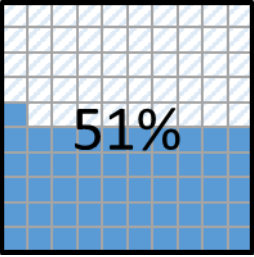
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
Yettem-Seville Water System Improvements – Phase 1  New Booster Pump Assembly	District: No. 4 - Eddie Valero Division: MG 3 – Special Projects Designer: Provost & Pritchard Contractor: Brough Construction, Inc.	Replacement water 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 2  Top lift paving on Avenue 96 (location 5) looking west.	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 resumed work on the project, following winter suspension on 3/24. Paving work at location 5 (Ave 96) and 7 (Road 208) has been completed. 	Budget: \$ 4,930,700 Award: \$ 4,684,000 CO's to Date: \$ 0 Total Contract: \$ 4,930,700 Payments: \$ 3,714,294 Last Payment: 3/28/21	 Expected Completion: April 2021


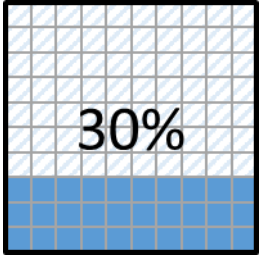

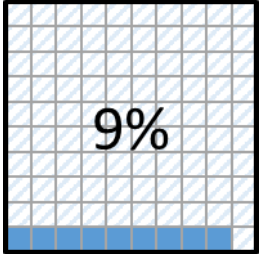
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
CNG Fueling Facility at TOMF  <p>TCAG Bus fueling during commissioning of compressor. Photo taken from fueling yard looking west.</p>	District: No. 2 - Pete Vander Poel Division: MG3 – Special Projects Designer: Arrington Watkins 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 have all been installed and gas service connection has been established. • Completion is pending final commissioning of equipment. Contractor has encountered an issue with gas service being provided to site by utility. County actively working with Contractor and Utility to resolve. 	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>Expected Completion: May 2021</p> <p>Design → R-O-W → Const.</p>
M348 South Fork Kaweah River Bridge  <p>Bridge superstructure construction substantially complete</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 March roadway approaches, concrete barriers, and aesthetic concrete staining were completed. • In the month of April it is anticipated the existing bridge structure will be demolished and roadway protection elements installed. 	Budget: \$ 3,825,031 Award: \$ 3,630,982 CO's to Date: \$ 0 Total Contract: \$ 3,630,982 Payments: \$ 2,627,449 Last Payment: 03/30/2021	 <p>Expected Completion: May 2021</p> <p>Design → R-O-W → Const.</p>

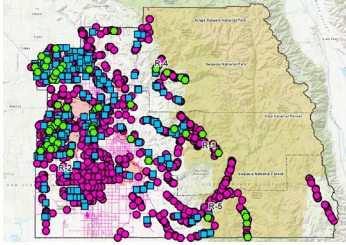
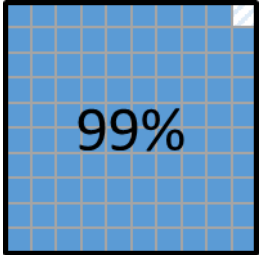
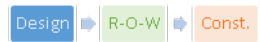

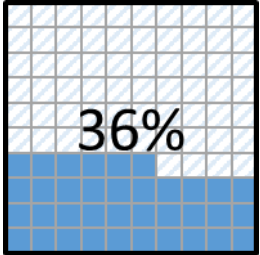
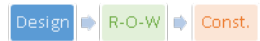
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
Community Accessibility Enhancement Project 2.0  <p>Completed ladder style crosswalk located on 1st drive looking south.</p>	District: Nos. – 2, 4, & 5 Division: MG2 – Design & Construction Designer: RMA - Public Works Contractor: 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"> All work on the project has been completed. County staff is working with the contractor to ensure all documentation is in place prior to making final payment. Completed intersection improvements in Cutler. Plan to take project to the BOS for NOC in May. 	Budget: \$ 407,943 Award: \$ 376,613 CO's to Date: \$ 0 Total Contract: \$ 407,943 Payments: \$ 366,498 Last Payment: 3/29/21	 <p>97%</p> <p>Substantial Completion: March 2021</p> <p>Design → R-O-W → Const.</p>
East Orange Avenue (John J. Doyle Elementary) Pedestrian Crossing Enhancements Project  <p>Completed project, Orange Avenue looking east.</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 center line striping. Funding: Federal (HSIP).	<ul style="list-style-type: none"> All work on the project has been completed. County Staff working with contractor to ensure all documentation is in place prior to making final payment. 	Budget: \$ 104,247 Award: \$ 94,770 CO's to Date: \$ 0 Total Contract: \$ 104,247 Work Complete: \$ 92,222 Last Payment: 3/28/21	 <p>97%</p> <p>Substantial Completion: March 2021</p> <p>Design → R-O-W → Const.</p>



Project Name	Contacts	Description	Progress Update	Project Budget	Completion
Navigation Aids at Sequoia Field Project  <p>Updated Electrical Panel for control of PAPI and REILs as well as Airport Lighting</p>	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"> Staff are currently finalizing Flight Check scheduling with the FAA. FAA confirmed receipt of funding for flight check on 3/31/21. A change order is being negotiated with the contractor for the purpose of a no cost time extension and additional funding required as a result of delays encountered with the flight check. 	Budget: \$ 363,586 Award: \$ 323,870 CO's to Date: \$ 0 Total Contract: \$ 323,870 Payments: \$ 311,510 Last Payment: 12/2/20	 <p>96%</p> <p>Expected Completion: season/month year May 2021</p> <p>Design R-O-W Const.</p>
Avenue 392 Sand Creek Bridge  <p>Concrete pouring for the bridge deck.</p>	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"> In March abutments were constructed, falsework installed, and the superstructure was poured. In April falsework will be stripped, barrier rails installed, and roadway earthwork will be initiated. Construction anticipated to be complete by June. 	Budget: \$ 2,600,000 Award: \$ 1,564,956 CO's to Date: \$ 0 Total Contract: \$ 1,564,956 Payments: \$ 602,658 Last Payment: 03/30/21	 <p>48%</p> <p>Expected Completion: Summer 2021</p> <p>Design R-O-W Const.</p>
Earlimart Sidewalk Improvements Project  <p>Completed sidewalk and paving work on State Street, looking north.</p>	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 Ave. has been completed. Contractor placed curb and gutter on west side of State Street and is currently working on sidewalk and paving preparation. Project was placed on temporary suspension at the request of the contractor. Work scheduled to resume in April 2021. 	Budget: \$ 990,836 Award: \$ 931,749 CO's to Date: \$ 34,955 Total Contract: \$ 990,836 Payments: \$ 608,127 Last Payment: 12/31/20	 <p>63%</p> <p>Expected Completion: April 2021</p> <p>Design R-O-W Const.</p>


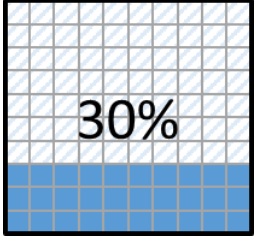

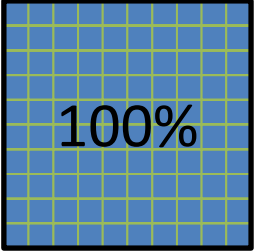
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
Avenue 364 Cottonwood Creek Bridge  Elevation photo of the bridge	District: No. 4 – Eddie Valero Division: MG2 – Design & Construction Designer: NCM Engineering Contractor: TBD	Replacement of the existing functionally obsolete 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"> In March, funding for construction was received and staff finalized plans and specifications in anticipation of project advertisement. Construction advertisement to be approved by the Board in April. Construction anticipated to begin in Fall 2021. 	Budget: \$2,800,000 Award: \$ - CO's to Date: \$ - Total Contract: \$ TBD Payments: \$-	 Expected Completion: Fall 2021  →  → 
Avenue 424 Traver Canal Bridge  Elevation photo of the bridge	District: No. 2 – Pete Vander Poel Division: MG2 – Design & Construction Designer: NCM Engineering 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"> In March, funding for construction was received and staff finalized plans and specifications in anticipation of project advertisement. Construction advertisement to be approved by the Board in April. Construction anticipated to begin in Fall 2021. 	Budget: \$2,400,000 Award: \$ - CO's to Date: \$ - Total Contract: \$ TBD Payments: \$-	 Expected Completion: Fall/Winter 2021  →  → 


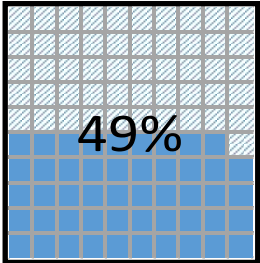

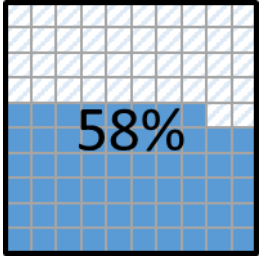

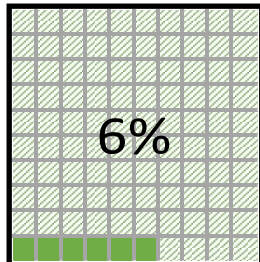
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
Avenue 376 Traver Canal Bridge  Elevation photo of the bridge	District: No. 4 – Eddie Valero Division: MG2 – Bridges Designer: Cornerstone Structural Eng. Group Contractor: TBD	Replacement of existing structurally deficient two-lane 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 March Type Selection Memorandum was reviewed by Caltrans. Staff also met with consultant team to discuss project updates and schedule. 	Design: \$ 500,000 Expenditures: \$ 296,456 Other Phases: Right-of-Way: \$ 100,000 Construction: \$ 1,100,000	 Expected Completion: Fall 2022 Design → R-O-W → Const.
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 and NEPA clearance anticipated summer 2021. In March staff continued coordination with the utility companies for necessary relocation. Staff met with the consultant team to discuss project updates and scheduling. 	Design: \$ 605,000 Expenditures: \$ 350,742 Other Phases: Right-of-Way: \$ 20,000 Construction: \$ 2,400,000	 Expected Completion: Fall/Winter 2022 Design → R-O-W → Const.


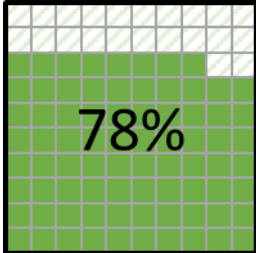


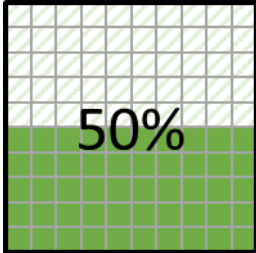
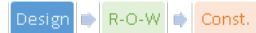
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
Bridge Preventive Maintenance Program Group 1  Road yard crew spraying methacrylate overlay on Road 80 (2014)	District: Countywide Division: MG2 – Bridges Designer: Tulare County RMA Contractor: TBD	Application of methacrylate 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 is performing the design in-house. In March 35% (preliminary) design continued. Staff initiated procurement of an on-call environmental consultant for NEPA clearance. 	Design: \$ 238,200 Expenditures: \$ 79,797 Other Phases: Right-of-Way: \$ N/A Construction: \$ 985,800	 Expected Completion: Fall 2022 Design → R-O-W → Const.
Bridge Preventive Maintenance Program Group 5  Photo of typical pier footing damage due to scour	District: Countywide Division: MG2 – Bridges Designer: Tulare County RMA Contractor: 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 March staff continued preparation of the RFP needed to procure the design contract for the project. RFP advertisement is anticipated in April 2021 with contract execution anticipated summer 2021. 	Design: \$ 898,700 Expenditures: \$ 46,715 Other Phases: Right-of-Way: \$ N/A Construction: \$ 3,668,300	 Expected Completion: Fall 2023 Design → R-O-W → Const.


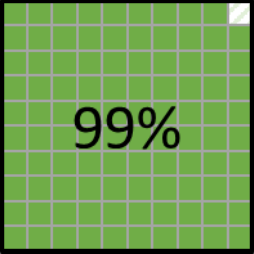

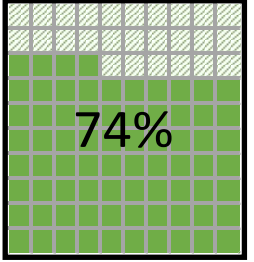
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
Bridge Preventive Maintenance Plan for Bridges Under 20 Feet  County Map with all bridges under 20 feet	District: Countywide Division: MG2 – Bridges Designer: Tulare County RMA Contractor: TBD Designer: NCM Engineering Contractor: TBD	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 March the final BPMP report was distributed to staff engineers for review and comment. Final report to be completed in April. 	Design: \$ 250,000 Expenditures: \$ 211,350 Other Phases: Right-of-Way: \$ N/A Construction: \$ N/A	 Expected Completion: Fall 2023 
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 March staff received and reviewed the Project Type Selection Report that is anticipated to be submitted to Caltrans in April. 	Design: \$ 630,000 Expenditures: \$ 285,819 Other Phases: Right-of-Way: \$ 75,000 Construction: \$ 3,000,000	 Expected Completion: Fall 2023 


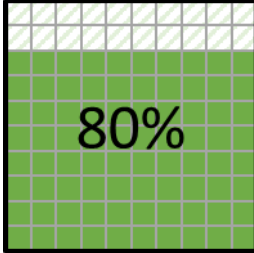

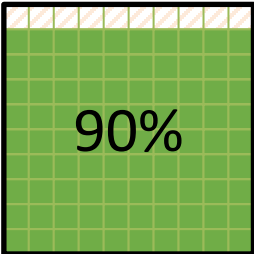
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
Avenue 232 Safety Improvement Project  <p>Photo of Ave 232/Road 36 Intersection</p>	District: No. 2 – Pete Vander Poel Division: MG2- Roads Designer: Tulare County RMA Contractor: TBD	Installation of left-turn lanes along Avenue 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 completed. • Final PS&E completed. • BOS approved authorization to bid the Project. • Advertisement and bid are the next milestone. 	Design: \$ 130,000 Expenditures: \$ 168,000 Other Phases: Right-of-Way: \$ 300,000 Construction: \$ 1,500,000	<div>100%</div> <p>Expected Completion: Spring 2021</p> <div>Design → R-O-W → Const.</div>
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"> • In February, staff met with consultant team to discuss progress and schedule updates. • Project Type Selection Report was submitted to Caltrans in March. • In April, staff to conduct tribal consultation as needed to finalize environmental documents. • NEPA approval anticipated in June 2021. 	Design: \$ 1,802,030 Expenditures: \$ 1,075,305 Other Phases: Right-of-Way: \$ 20,000 Construction: \$ 9,000,000	<div>35%</div> <p>Expected Completion: Fall/Winter 2024</p> <div>Design → R-O-W → Const.</div>

Project Name	Contacts	Description	Progress Update	Project Budget	Completion
Avenue 144 & Road 96 Safety Improvements Project  <p>Photo of Avenue 144 & Road 96 Intersection</p>	District: No. 2 – Pete Vander Poel III Division: MG2 – Roads Designer: Tulare County RMA Contractor: TBD	<p>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/stripping, etc.).</p> <p>Funding: Federal (HSIP)</p>	<ul style="list-style-type: none"> • Consultant to provide revised scope/fee by April 8th. • County desires to redesign roundabout to accommodate booster trailer loads. • Environmental studies may need to be revised. Finish date is approximately 4/30. • First invoice has been processed. 	Design: \$250,000 Expenditures: \$91,168 Right-of-Way: \$225,000 Construction: \$2,297,800	 <p>30%</p> <p>Expected Completion: Fall 2022</p> <p>Design → R-O-W → Const.</p>
Avenue 80 Railroad Crossing Improvements Project  <p>Photo of Ave 80 Railroad Crossing</p>	District: No. 2 – Pete Vander Poel Division: MG2 –Roads Designer: Tulare County RMA Contractor: TBD	<p>Safety improvements for the Avenue 80 Railroad crossing. Improvements include pavement reconstruction, asphalt dike, and related improvements (Signing/ Striping, etc.).</p> <p>Funding: Federal (Section 130 Program), & Measure R.</p>	<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	 <p>100%</p> <p>Expected Completion: Spring 2020</p> <p>Design → R-O-W → Const.</p>

Project Name	Contacts	Description	Progress Update	Project Budget	Completion
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 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"> In January, all environmental studies submitted to Caltrans for approval. 65% design to continue through Summer 2021. In March, staff developed utility conflict map and met with Caltrans to discuss biological impacts/concerns at the site. 	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.
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. Utility coordination and right-of-way acquisition in progress. 	Right-of-Way: \$ 365,000 Expenditures: \$ 15,200 Other Phases: Design: \$ 185,000 Construction: \$ 1,025,000	 Expected Completion: Fall 2022 Design → R-O-W → Const.

Project Name	Contacts	Description	Progress Update	Project Budget	Completion
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. Right-of-way certification scheduled to be completed in April 2021 pending final design submittal. Construction anticipated to start in winter 2021/2022 	Right-of-Way: \$ 20,000 Expenditures: \$ 427,550 Other Phases: Design: \$ 500,000 Construction: \$ 1,100,000	 Expected Completion: Fall/Winter 2021 
Avenue 174 Friant-Kern Canal Bridge  Elevation photo of the 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, project cleared NEPA. In March, staff met with design team to discuss potential utility conflicts and roadway profile vs FWA hydraulic criteria requirements. 65% PS&E in progress, anticipated submittal in July. 	Right-of-Way: \$ 20,000 Expenditures: \$ 404,785 Other Phases: Design: \$ 600,000 Construction: \$ 2,750,000	 Expected Completion: Fall 2023 

Project Name	Contacts	Description	Progress Update	Project Budget	Completion
Road 204 Wutchumna Ditch Bridge  <p>Elevation photo of the bridge</p>	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 complete. Right-of-way certification completed. Depending on HBP funding availability, construction anticipated to start fall/winter 2021. In February staff submitted request for Advance Construction funds. E-76 anticipated in April. 	Right-of-Way: \$ 100,000 Expenditures: \$ 456,095 Other Phases: Design: \$ 500,000 Construction: \$ 1,100,000	 <p>99%</p> <p>Expected Completion: Fall 2021</p> <p>Design → R-O-W → Const.</p>
Avenue 328 Safety Improvements Project  <p>Intersection of Avenue 328 & Road 156 (existing conditions)</p>	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. Utility relocation complete. Right-of-way acquisition in-progress. 	Right-of-Way: \$ 75,000 Expenditures: \$ 56,000 Other Phases: Design: \$ 150,000 Construction: \$ 1,239,000	 <p>74%</p> <p>Expected Completion: Summer 2021</p> <p>Design → R-O-W → Const.</p>

Project Name	Contacts	Description	Progress Update	Project Budget	Completion
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 March staff met with consultant team to discuss project status and schedule updates. • Utility coordination completed in February. • Right-of-way certification scheduled to be completed in April 2021. • 90% Design submittal anticipated in April. 	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.
Alpaugh Complete Street Improvements Project  Photo of Center St, near the Alpaugh Elementary School Crossing at Wilbur Road & Center St.	District: No. 2 - Pete Vander Poel Division: MG2 – RMA-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 Ave 56) shall be placed. Funding: Measure R	<ul style="list-style-type: none"> • Consultant to provide revised scope/fee by end of 4/8. • County desires to redesign roundabout to accommodate booster trailer loads • Environmental studies may need to be revised. Finish date is approx. 4/30. • First invoice has been processed. 	Design: \$200,000 Expenditures: \$253,996 Right-of-Way: \$50,000 Expenditures: \$35,114 Construction: \$3,587,803	 Expected Completion: Spring 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 March 115 maps were provided to the Planners for 24 separate projects.

ENCROACHMENT PERMITS

In March staff processed a total of 34 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 11 daily/recurring active projects, and 4 tracts/parcel improvement projects.

Permits Processed:

- Processed and issued a total of 162 transportation permits comprised of: 16 rider permits, 45 single-trip permits (including over-sized or overweight loads) and 101 blanket/annual permits.
- Issued 41 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 2021	Mar 2021	Apr 2020	May 2020	Jun 2020	Jul 2020	Aug 2020	Sep 2020	Oct 2020	Nov 2020	Dec 2020
<u>Transportation:</u>	73	88	162	23	26	313	98	120	83	124	141	64
Trans. Annual	21	65	101	3	12	275	54	65	18	77	108	17
Trans. Riders	13	17	16	23	14	12	10	8	18	14	16	17
Single Trip	39	6	45	11	14	38	34	47	47	33	17	30
<u>Encroachment:</u>	49	59	34	61	69	58	75	75	20	74	30	35
Utility	18	37	24	47	46	43	30	19	15	39	18	11
Standard	18	19	10	13	21	13	40	20	5	17	8	18
Curb & Gutter	0	2	0	0	1	1	3	1	0	0	0	1
Encr. Annual	1	1	0	1	1	1	2	1	1	7	1	1
Sub/Permits Maint. Insp.	12	12	41	9	7	7	7	4	11	11	3	4
Special Events:	0	0		2	0	0	0	0	0	0	1	0
House Moving:	0	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 March 2021.

Operations and maintenance of Zones of Benefit water systems continued through March 2021 with **no known service interruptions or spills**. As previously mentioned, Management Group III terminated the Operations and Maintenance (O&M) Contract with Water Dynamics Inc. An Emergency Purchasing Order was approved for Central Cal Water Works Inc. to temporarily perform the operation and maintenance of the Water and Wastewater Systems. Central Cal Water Works Inc. proceed to perform the operation and maintenance for the remainder of February into March 2021.

It is important to note that the transition to Central Cal Water Works Inc. created deficiencies in data reporting. Therefore, the data presented for the month of February 2021 contains inaccuracies. Staff is working with Management on creating a standardize process for adequate reporting.

The table on the following page summarizes the data available for the water production and wastewater treatment for the month of February 2021. This data is presented on a one-month lag as the data is not submitted to us by our contractor until the 15th of the following month. There is no data for the lift station at El Rancho, as there is no flow totalizer. The readings at the Terra Bella Wastewater Treatment Plant appear irregular and the flow meter will be calibrated.

Zone of Benefit - Water & Wastewater Volumes February 2021				
Sewer Systems			Water Systems	
Total Monthly Flow (Gallons)		% Capacity	Total Monthly Flow (Gallons)	
Delft Sewer	1,027,054	60%	Delft Colony Water	1,372,000
Seville Sewer	582,060	39%	Wells Tract Water	741,860
Yettem Sewer	630,187	50%		
Wells Tract Sewer	709,000	124%		
Tonyville Sewer	446,620	21%		
Tooleville Sewer	596,820	57%		
Traver Sewer	862,443	32%		
TBSMD	Calibrating	Calibrating		
El Rancho Sewer	Treatment provided by City			
TOTAL		4,854,184	TOTAL 2,113,860	

FLOOD CONTROL

The month of March 2021 passed without any significant storm or flooding events.

On March 4, 2020, Ross Miller, Chief Engineer, and Randy Weatherspoon, Engineer 4, presented to the local chapter of the American Public Works Association on the ToltHawk flood sensor project in the County. The same presentation was also done for the local chapter of the American Society of Civil Engineers on March 18, 2020.

Staff are working with the state and partner agencies to prepare an Emergency Action Plan for Sand Creek Dam, which will define roles and procedures in the event of an incident or emergency related to the dam or Sand Creek.

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.

On March 2, 2021 the Board of Supervisors approved the Amendment to the contract with MV Transportation, approving the amendment set into place steps for the move into the Operations and Maintenance facility. MV Transportation is now operating out of the new TOMF facility.

Starting March 1, 2020, TCaT staff began a Free Ride Campaign for youth 7-18. This campaign is being funded by grant from the Low Carbon Transit Operations Program (LCTOP). Children under 7 are already free with a paying adult.

TCaT staff working with CSET staff, provided free rides on March 15th to seniors in the South County unincorporated communities of Tipton, Pixley, Earlimart, and Richgrove to vaccination sites in Alpaugh.

Staff most recently received detailed reports from Caltrans' Cal-ITP program evaluating the quality of GTFS data provided within our county, and TCaT scored perfect or passing in all categories, except two minor details that are being addressed.

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 February:

	February	Prior February	Change	FYTD	Prior FYTD	Change
Total Ridership	9,056	24,435	-62.94%	86,054	184,488	-53.36%
Fixed Route Ridership	8891	24,050	-63.03%	84,497	181,057	-53.33%
Demand Response Ridership	165	385	-57.14%	1,557	3,429	-54.62%
Fixed Route Passengers per Mile	0.123	0.327	-62.39%	.136	0.288	-52.78%
Demand Response Passenger per Hour	1.33	2.17	38.71%	1.241	1.786	-30.52%

MANAGEMENT GROUP 4:

SURVEYOR'S OFFICE

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

Parcel Map	15	Tract Map	4
Corner Record	135	Record of Survey	30
Merger of Parcels	3	Vacation of Right of Way	3
Waved Parcel Map	6	Lot Line Adjustment	5

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

2020 RRAA Project 1	Friant Kern Canal Project
2020 RRAA Project 2	HSIP Cycle 7 Avenue 232
2020/21 CTIP Rapid Response – Road 76	Ivanhoe -Avenue 336 RxR Crossing
2020/21 CTIP Avenue 152	Road 64 Improvements
2021 RRAA Project 2	Road 67 Operational Improvements
Alpaugh Center Street Improvements	Solid Waste Operations – Teapot Dome
Avenue 152 Safety Improvements	Solid Waste Operations – Visalia
Bridge: Avenue 392 Sand Creek	Solid Waste Operations – Woodville
CA Highspeed Rail – Avenue 24	Survey Monument Preservation Project
Complete Streets Plan – Plainview	Visalia Landfill Phase 4 Expansion
Farm 2 Market Rehab 2.0	Encroachment (various locations)

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

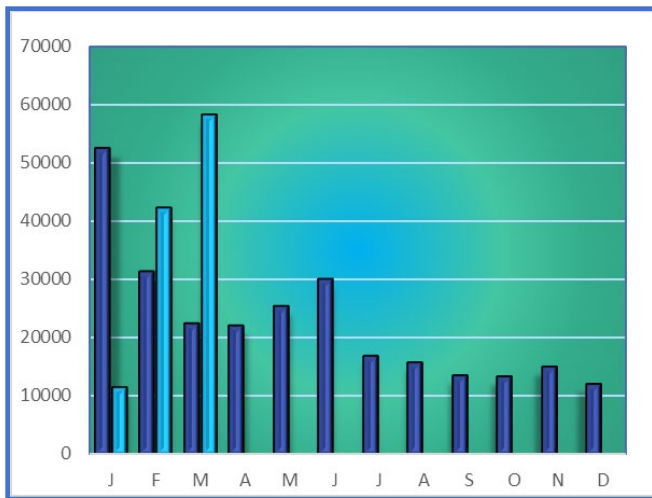
March 2021

Dark Blue = 2020

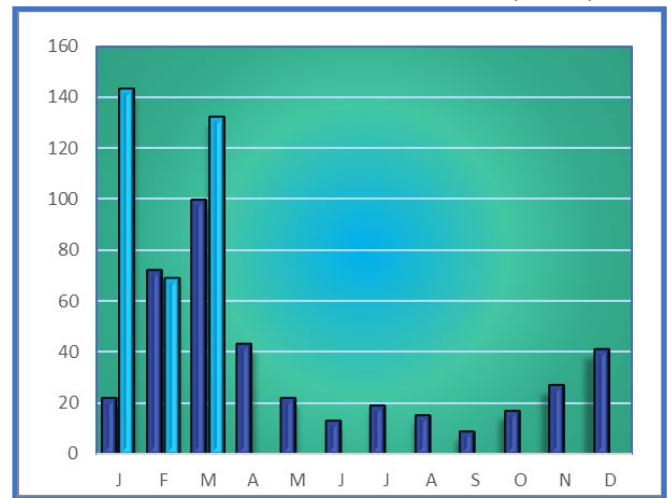
Light Blue = 2021



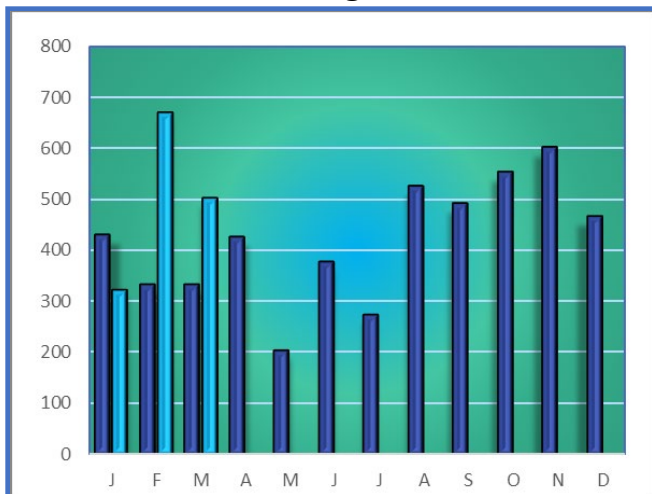
Potholes Patched



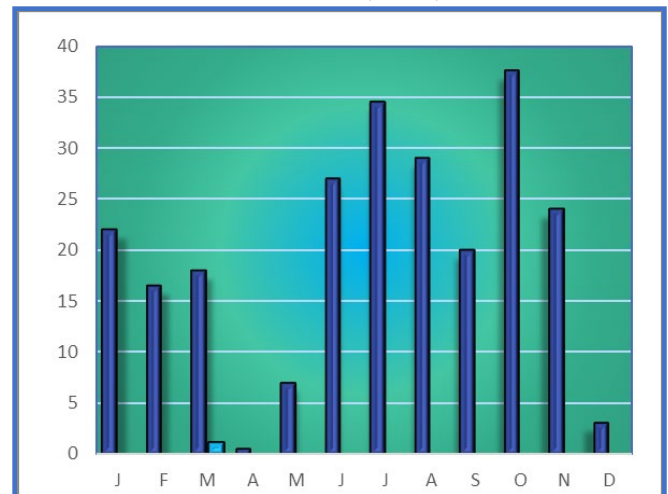
Shoulder Maintenance (miles)



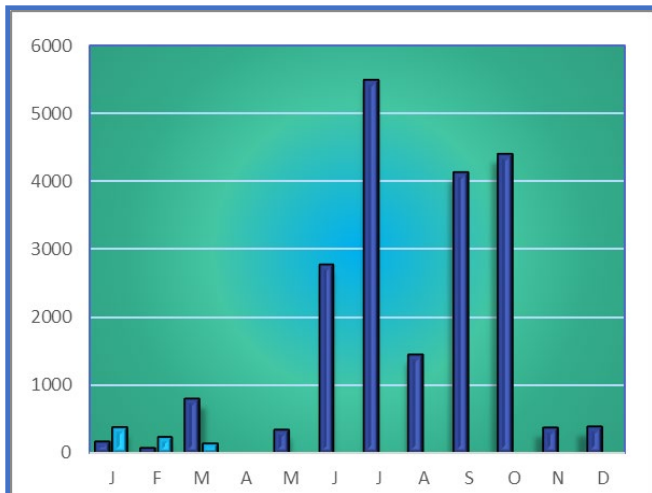
Traffic Signs



Blade Patch (miles)



Road Stencil (sq. ft.)



Road Stripe (miles)

