



RESOURCE MANAGEMENT AGENCY

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MICHAEL WASHAM, ASSOCIATE DIRECTOR

September 2, 2020

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

Dear Supervisors and Mr. Britt:

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

Public Works Projects

In addition to performing work on Tulare County's roads and bridges, the Public Works division of RMA has also been working on two specific projects it would now like to update the Board of Supervisors on as follows:

Friant-Kern Water Canal

The Friant Water Authority and US Bureau Reclamation are undertaking a project to construct a parallel canal from roughly the Tule River to the County Line. This project will increase the capacity of the canal back to its original design flows after the existing canal has been significantly affected by subsidence. More than a dozen County bridges cross the canal along this alignment and will need to be replaced as part of this project. RMA staff is cooperating with and assisting the Friant Water Authority and their consultants with the Friant-Kern Canal Project by, among other things, participating in regular bi-weekly web conferences. Additional conference calls are conducted with the Authority's team to review design plans and address right-of-way issues affected by the project. Public Works staff has reviewed the 65% plans and specifications and provided comments. In the next month RMA will be reviewing the 90% plans and specifications in an effort to assist Stantec/FWA with their aggressive design schedule. All right-of-way segments have been identified to aid the Authority with its acquisition plan. Public Works staff is also considering the Authority's request to vacate two segments of right-of-way: Avenue 32 and Avenue 120.

Success Reservoir Enlargement

Success Dam, renamed the Richard L. Schafer Dam, will be enlarged, raising the spillway and increasing its storage capacity to more than 82,000 acre-feet. The Success Reservoir Enlargement Project Joint Powers Association (SREP) is working with the Army Corps of Engineers on the project. SREP is led by the Lower Tule River Irrigation District (District) and the Tulare County Flood Control District (TCFCD) is a member. The project manager for the District is the consulting firm Six-33 Solutions. Public Works is assisting the project

manager by providing research on various properties and rights-of-way. The research is presently focused on properties that will be affected by the water surface elevation for the enlarged reservoir. RMA engineering and survey staff is in close contact with the project team leads and is supporting this effort. TCFCD has allocated approximately \$1m to fund its portion of the local share of this project.

MANAGEMENT GROUP 1:

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

ROAD MAINTENANCE

Work Performed	LAST Month Total	THIS Month Total	Percent Increase/Decrease(-) from Prior Month
Potholes Patched	16900	15665	-7%
Shoulder work (Lane miles)	19	15	-21%
Blade Patches (Miles)	34.5	29	-16%
Bridges maintained	1	1	0%
Constituent requests	77	68	-12%
After hour call-outs	12	13	8%

On August 24th a crew consisting of approximately 30 Construction Maintenance Workers, Traffic Control Workers and support staff from all districts teamed up to begin our annual Chipseal Road Maintenance Program. This year crews will Chipseal approximately 41 miles of road to extend their service life. More on this in next months report.



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

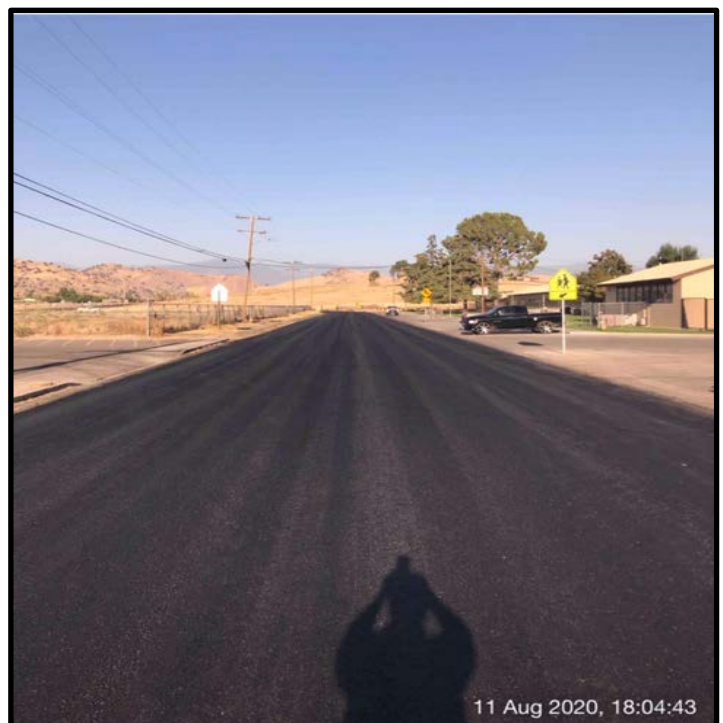
ROAD DISTRICT 1:

Activities in August include:

Performed tree trimming/brushing at Mountain Road 296, Road 242, and Road 256:



Performed 2 miles of blade patching throughout the road district:



ROAD DISTRICT 2:

Activities in August include:

- Conducted pedestrian crossings cleanup and trash cleanup in Pixley, Goshen, and Teviston;
- Performed pothole patching around the road district:



ROAD DISTRICT 4:

Activities in August include:

Performed pothole patching around the road district:



Conducted road cleanup on Road 12:



ROAD DISTRICT 5:

Activities in August include:

Performed weeding/brushing on Road 164



- Mixed oil and prepared patch material at the Avenue 112 Pit:



TRAFFIC CONTROL:

Activities in August include:

SIGN MAINTENANCE

Work Performed	Last Month Total	This Month Total	Percent Increase/Decrease(-) from Prior Month
New signs installed	11	14	27%
Routine maintenance of signs	80	198	148%
Vandalized signs repaired/replaced	115	270	135%
Worn traffic signs repaired/replaced	56	42	-25%
Miles of Road striped	134	99	-26%
Stencils installed (Sq ft)	5500	1444	-74%
Traffic signal/light repair	3	4	33%
Illegal signs Removed from Right of Way	10	10	0%

Repaired signal at Betty Drive and Robinson Avenue:



Cut sidewalk for sign installation in Poplar:



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;
- Reviewed request for All-Way Stop at Avenue 424 and Road 104;
- Reviewed request for safety improvements at I Drive and Avenue 184;
- Reviewed request for safety improvements on Poplar Road.

SAFETY:

- For the month of August there were 6 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 the Dinuba shop;
- Conducted Professionalism in the Workplace training at the Central Yard.

ENCROACHMENTS:

ENCROACHMENTS

Work Performed	Last Month Total	This Month Total	Percent Increase/Decrease(-) from Last Month
Photos taken for encroachments, collisions, etc.	237	523	121%
Calls of complaints, violations	41	38	-7%
Encroachments cases opened - Letters sent	3	9	200%
Encroachment cases closed due to compliance	3	1	-67%
After hour alarm calls for roadyards	3	2	-33%
Miles driven to patrol roads	2148	2333	9%

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

- Received 2 after-hour calls for tripped alarms;
- Property owner on Prosperity Avenue west of Road 140 trimmed trees to comply:



Before

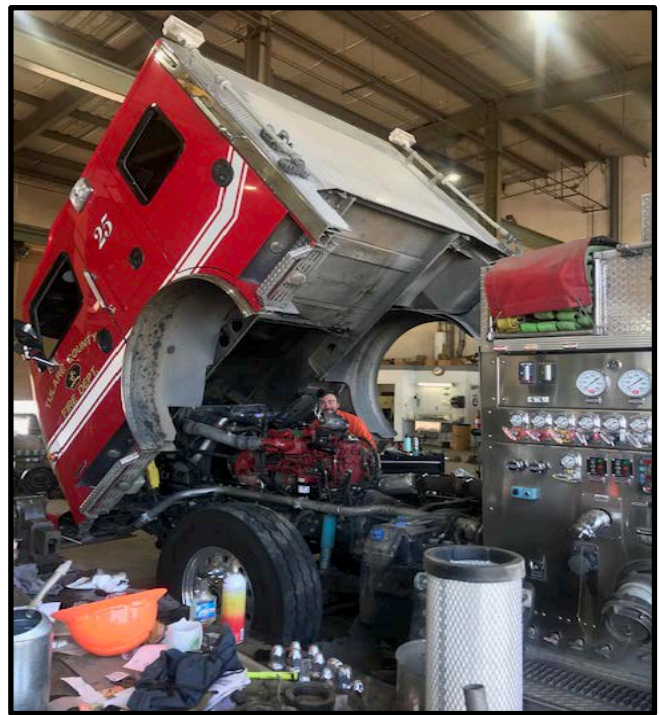
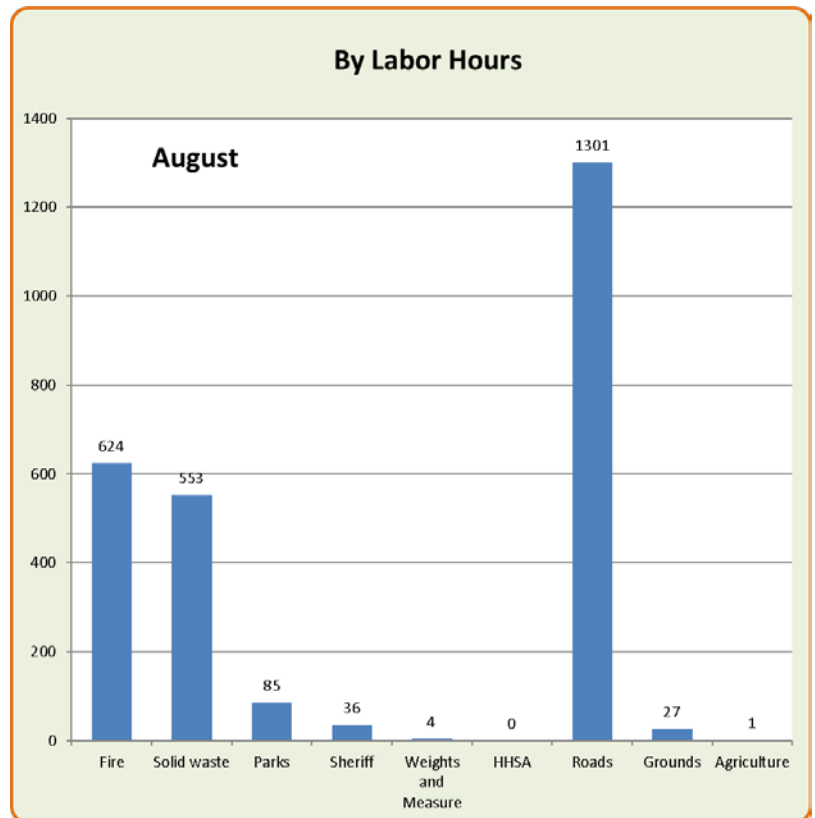





After



HEAVY EQUIPMENT MAINTENANCE DIVISION:


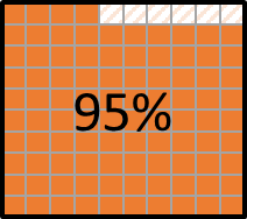

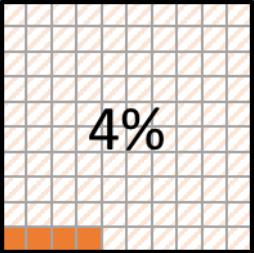

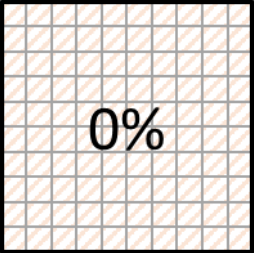
The Heavy Equipment Shop maintained various pieces of equipment for 6 agencies in August completing 387 work orders for a total of 2,631 hours as shown in the chart below:


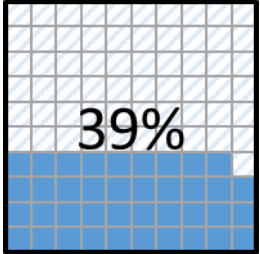

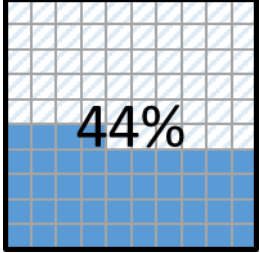

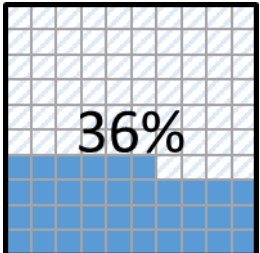
Agency	Work Orders	Labor Hours
Fire	62	624
Solid waste	63	553
Parks	13	85
Sheriff	4	36
Weights and Measure	2	4
HHSA	0	0
Roads	238	1301
Grounds	4	27
Agriculture	1	1
Total	387	2631


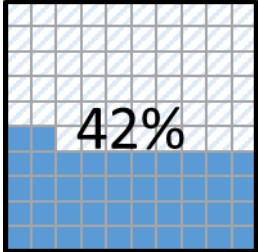

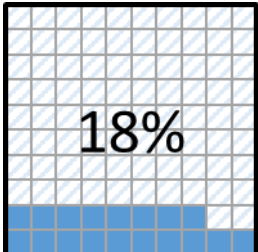

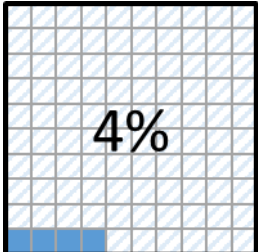


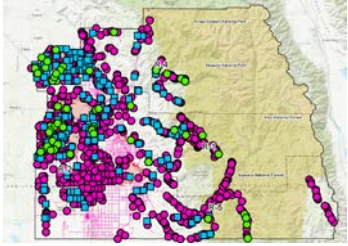
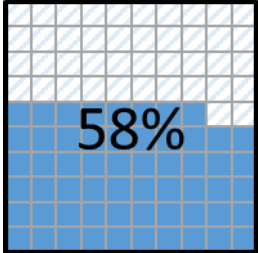

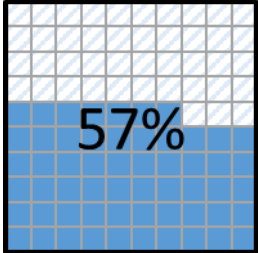

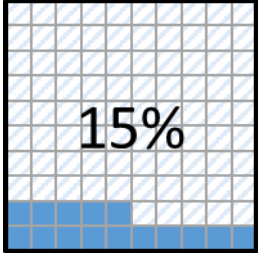
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
2019 RRAA Project 2  AC Paving on Road 208, looking north	District: Nos. 2, 4, & 5 Division: MG2 – Roads Designer: Tulare County RMA Contractor: Teichert Construction	Road Maintenance Project consisting of asphalt resurfacing and pulverization on the following roads: Ave 144, Ave 120, Rd 208, Rd 168, & D 140. Funding: Local County Road Funds (SB1).	<ul style="list-style-type: none"> All work complete and project has been accepted as substantially complete by Engineer on 6/19/20 County staff ensuring paperwork has been submitted for project closeout NOC to be taken to the Board for acceptance in October 2020. 	Budget: \$ 6,771,377 Award: \$ 6,437,026 CO's to Date: \$ (417,753) Total Contract: \$ 6,771,377 Payments: \$ 6,153,482 Last Payment: 6/30/2020	<div>100%</div> Substantial Completion: June 2020 Design ➡ R-O-W ➡ Const.
Transit Operations & Maintenance Facility (TOMF)  Photo of Operations Building, looking east from Road 140	District: No. 2 - Pete Vander Poel Division: MG3 – Special Projects Designer: Arrington Watkins Architects Contractor: Seals Construction	New facility for maintenance and operations of the Tulare County Area Transit (TCaT) bus fleet at the Tulare County Central Road Yard. Funding: Federal (PTMISEA), State (CalOES, SGR, STA), & Local (Measure R, Other County Funds).	<ul style="list-style-type: none"> Project accepted as substantially complete by Resident Engineer. Contractor wrapping up minor corrective items of work. 	Budget: \$ 7,263,199 Award¹: \$ 6,825,649 CO's to Date: \$ 133,837 Total Contract: \$ 6,825,649 Payments: \$ 6,959,487 Last Payment: 3/31/2020 1. Award amount accounts for deduction of CNG Project by Resolution No. 2019-0355.	<div>100%</div> Substantial Completion February 2020 Design ➡ R-O-W ➡ Const.
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	<div>99%</div> Expected Completion: June 2020 Design ➡ R-O-W ➡ Const.


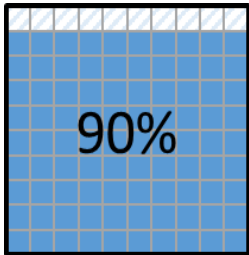

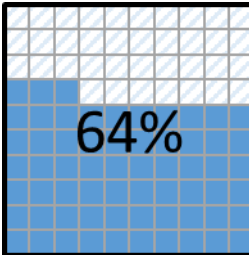
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
Pixley Main Street Sidewalk Improvement Project 	District: No. 2 - Pete Vander Poel Division: MG2 – Roads Designer: Tulare County RMA Contractor:	Improvement to Main Street including the installation of curb and gutter, sidewalk, 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. 	Budget: \$ 1,273,520 Award: \$ 1,200,972 CO's to Date: \$ 12,163 Total Contract: \$ 1,200,972 Payments: \$ 1,246,954 Last Payment: 3/31/20	<div>100%</div> Substantial Completion: July 2020 Design R-O-W Const.
2020 RRAA Project 1  Road 140, south of Ave 256, looking south	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 paving, and shoulder backing work has been completed with the exception of Road 156 and Avenue 288 which will be complete by mid-September. All other roadway segments have been completed and pavement striping has been applied. 	Budget: \$ 5,122,089 Award: \$ 4,866,276 CO's to Date: \$ 0 Total Contract: \$ 5,122,089 Payments: \$ 4,289,284 Last Payment: 8/31/20	<div>88%</div> Expected Completion: September 2020 Design R-O-W Const.


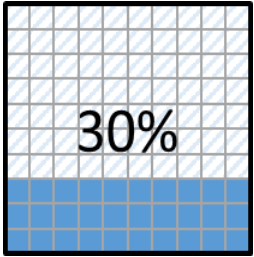

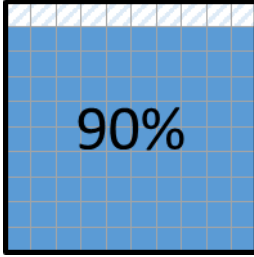

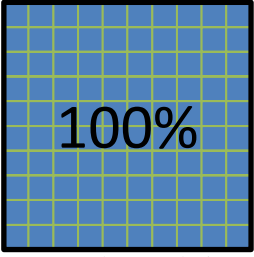
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
CNG Fueling Facility at TOMF  <p>Photo of slow fill time posts within the fueling yard, looking south</p>	District: No. 2 - Pete Vander Poel Division: MG3 – Special Projects Designer: Arrington Watkins Architects Contractor: 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"> • So Cal Gas completed meter set and connection work. • Corrective work to pavement at bus fueling area has been completed. • Anticipated that work will be completed and accepted in July. 	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>Photo of the bridge covered with light snow</p>	District: No. 1 – Kuyler Crocker Division: MG2 – Bridges Designer: Quincy Engineering Contractor: TBD	Replacement of the existing structurally deficient one lane bridge with a new one lane bridge. Located on M348 over S. Fork Kaweah River, 11.7 miles south east of State Route 198. Funding: Highway Bridge Program (HBP) – Federal.	<ul style="list-style-type: none"> • Construction started in mid-August. • Clearing and grubbing completed in August. • Temporary bridge and earthwork to be completed in September. 	Budget: \$ 3,630,982 Award: \$ 4,369,679 CO's to Date: \$ 22,733 Total Contract: \$ 5,017,679 Payments: \$ 0 Last Payment: N/A	 <p>4%</p> <p>Expected Completion: Fall 2021</p>
Earlimart Sidewalk Improvements Project  <p>State St. Existing conditions</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"> • Pre-Construction meeting hosted by the County on 8/24/20. • County Staff reviewing and responding to submittals prior to start of work. Contractors first official working day set as 9/8/20. 	Budget: \$ 3,630,982 Award: \$ 4,369,679 CO's to Date: \$ 0 Total Contract: \$ 5,017,679 Payments: \$ 0 Last Payment: N/A	 <p>0%</p> <p>Expected Completion: Spring 2021</p> <p>Design R-O-W Const.</p>


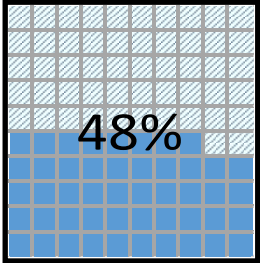

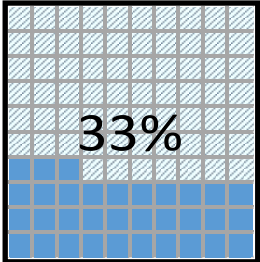

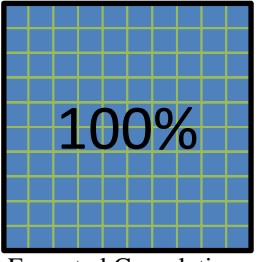
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
Avenue 108 Lakeland Canal Bridge  <p>Elevation photo of the bridge experiencing peak irrigation flows</p>	District: No. 2 – Pete Vander Poel Division: MG2 – Bridges Designer: Drake Haglan & Associates Contractor: TBD	Replacement of the existing one lane bridge with a new two-lane bridge. The bridge is located on Avenue 108 over Lakeland Canal, 0.5 miles east of State Route 43. Funding: Highway Bridge Program (HBP) – Federal.	<ul style="list-style-type: none"> In August staff coordinated with Caltrans for ongoing Environmental studies. In September, revisions to Type Selection Report will be performed/ submitted. 	Design: \$ 500,000 Expenditures: \$ 201,000 Other Phases: Right-of-Way: \$ 20,000 Construction: \$ 2,400,000	 <p>Expected Completion: Fall/Winter 2022</p> <p>Design R-O-W Const.</p>
Avenue 174 Friant-Kern Canal Bridge  <p>Elevation photo of the bridge</p>	District: No. 5 – Dennis Townsend Division: MG2 – Design, Development & Construction Designer: NCM Engineering Contractor: TBD	Replacement of the existing one lane bridge with a new two-lane bridge. The bridge is located on Avenue 108 over Lakeland Canal, 0.5 miles east of State Route 43. Funding: Highway Bridge Program (HBP) – Federal.	<ul style="list-style-type: none"> Environmental studies ongoing, NEPA clearance anticipated 11/2020. In July structure type selection report approved by Caltrans. Utility coordination will continue in September. 	Design: \$ 600,000 Expenditures: \$ 360,000 Other Phases: Right-of-Way: \$ 20,000 Construction: \$ 2,400,000	 <p>Expected Completion: Fall/Winter 2022</p> <p>Design R-O-W Const.</p>
Avenue 376 Traver Canal Bridge  <p>Elevation photo of the bridge</p>	District: No. 4 – Eddie Valero Division: MG2 – Bridges Designer: Cornerstone Structural Eng. Group Contractor: TBD	Replacement of the existing structurally deficient two-lane bridge with a new two lane bridge. Located on Avenue 376 over Traver Canal, 0.25 miles east of Road 40. Funding: Highway Bridge Program (HBP) – Federal.	<ul style="list-style-type: none"> Environmental studies ongoing. Determined liability with AID for utility conflicts in July. Began working on the Type Selection Report. 	Design: \$ 500,000 Expenditures: \$ 173,000 Other Phases: Right-of-Way: \$ 100,000 Construction: \$ 1,100,000	 <p>Expected Completion: Fall/Winter 2021</p> <p>Design R-O-W Const.</p>

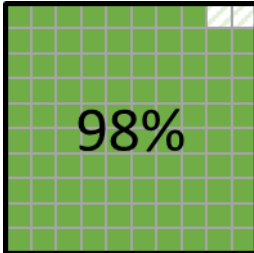



Project Name	Contacts	Description	Progress Update	Project Budget	Completion
Avenue 428 Sand Creek Bridge  Elevation photo of the bridge	District: No. 4 – Eddie Valero Division: MG2 – Bridges Designer: TRC Companies Contractor: TBD	Replacement of the existing structurally deficient two-lane bridge with 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. County responsible for civil design. In August, staff coordinated additional work needed to finalize 35% plans. NEPA clearance anticipated Spring 2021. 	Design: \$ 605,000 Expenditures: \$ 203,000 Other Phases: Right-of-Way: \$ 20,000 Construction: \$ 2,400,000	 Expected Completion: Fall/Winter 2022 Design R-O-W Const.
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) Federal and Measure R (TCAG)	<ul style="list-style-type: none"> Funds received Jan 2020 to start Preliminary Engineering. Staff performing design in-house. 35% design to be reviewed by County Engineers in September. Pending procurement of on-call environmental consultant for NEPA (October 2020). 	Design: \$ 238,200 Expenditures: \$ 62,000 Other Phases: Right-of-Way: \$ N/A Construction: \$ 985,800	 Expected Completion: Fall/Winter 2021 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	Applying scour counter-measures to piers, abutments and other areas to 21 bridges affected by scour throughout County. Funding: Highway Bridge Program (HBP) Federal and Measure R (TCAG).	<ul style="list-style-type: none"> Funds received Jan 2020 to start Preliminary Engineering. Consultant contracts for hydraulics and environmental design need to be procured separately. In September, staff to develop Request for Proposals for consultant services to be provided. 	Design: \$ 898,700 Expenditures: \$ 27,000 Other Phases: Right-of-Way: \$ N/A Construction: \$ 3,668,300	 Expected Completion: Summer/Fall 2023 Design R-O-W Const.


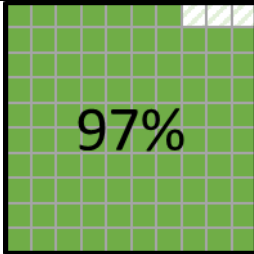

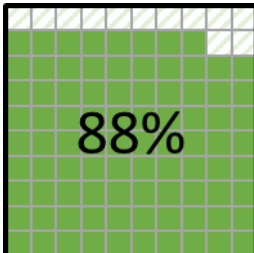
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
Bridge Preventive Maintenance Plan for Bridges Under 20 Feet  County Map with all bridges under 20 feet	District: Countywide Division: MG2 – Bridges Designer: Tulare County RMA Contractor: TBD	Development of Bridge Preventative Maintenance Plan to track the performance, maintenance, and condition of bridges under 20 feet. Funding: Measure R (TCAG)	<ul style="list-style-type: none"> Data collection completed in January 2020. In August staff continued filtering data. Supplemental inspections expected to occur in fall 2020. 	Design: \$ 250,000 Expenditures: \$ 173,000 Other Phases: Right-of-Way: \$ N/A Construction: \$ N/A	 Expected Completion: Spring/Summer 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 Designer: NCM Engineering Contractor: TBD	Replacement of the existing structurally deficient bridge with a new two-lane bridge. Located on Road D112 over North Branch Tule River, south of Avenue 196. Funding: Highway Bridge Program (HBP) – Federal.	<ul style="list-style-type: none"> 65% design in progress. No anticipated utility conflicts. In July, NEPA approved. Right-of-Way funds received in July; staff will begin this phase mid-September. 	Design: \$ 615,000 Expenditures: \$ 257,000 Other Phases: Right-of-Way: \$ 20,000 Construction: \$ 2,380,000	 Expected Completion: Fall/Winter 2021 Design R-O-W Const.
M109 White River Bridge  Photo of bridge with temporary K-Rail protection	District: No. 5 – Dennis Townsend Division: MG2 – Bridges Designer: Dokken Engineering Contractor: TBD	Replacement of the existing structurally deficient bridge with a new two-lane bridge. Located on M109 over White River, 8 miles southwest of Fountain Springs. Funding: Highway Bridge Program (HBP) Federal and Measure R (TCAG).	<ul style="list-style-type: none"> In July, topographic and ROW Base Map completed. Consultant staff began cultural investigation and preliminary design. Geotechnical Investigations planned for November 2020. Staff performing quarterly inspections of existing bridge to ensure temporary rail functioning as intended. 	Design: \$ 630,000 Expenditures: \$ 63,000 Other Phases: Right-of-Way: \$ 75,000 Construction: \$ 3,000,000	 Expected Completion: Fall/Winter 2024 Design R-O-W Const.


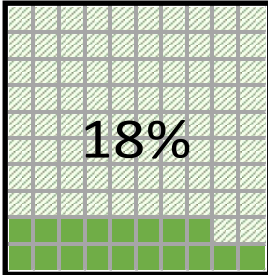

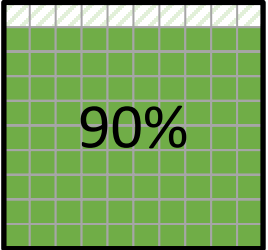
Project Name	Contacts	Description	Progress Update	Project Budget	Completion
Alpaugh Complete Street Improvements Project  <p>Photo of Center St, near the Alpaugh Elementary School Crossing at Wilbur Road & Center St.</p>	District: No. 2 – Pete Vander Poel Division: MG2 – Roads Designer: Tulare County RMA Contractor: TBD	New concrete sidewalk, curb & gutter, ADA ramps, drainage facilities along Center St (btwn Tule & Ellis Rd) and 0.19 Mi of grind & replace AC treatment along Wilbur. In addition, a 5.8 Mile long HMA Overlay treatment along Ave 54 (btwn Road 16 & Railroad crossing at Ave 56) shall be placed. Funding: Measure R.	<ul style="list-style-type: none"> • 3 TCE contracts have been signed. • 90% QA/QC discussion meeting to be held on 8/12/20. • Utility coordination is underway. Five in conflict. • ISR review initiated/ FH setbacks reviewed by Tulare Fire. 	Design: \$200,000 Expenditures: \$156,915 Right-of-Way: \$50,000 Expenditures: \$28,940 Construction: \$3,500,000	 <p>Expected Completion: Fall 2020</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 – Kuyler Crocker 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"> • Rehab alternative previously selected via NEPA/CEQA. • Extensive degradation of primary structural components on existing bridge; not viable for rehabilitation. • In July staff met with Caltrans to re-evaluate NEPA and consultant completed a virtual 3D model of the parallel structure as needed for environmental approval. Staff will continue coordination with Caltrans in August, then schedule public meeting to be held in September. 	Design: \$ 1,560,000 Expenditures: \$ 968,000 Other Phases: Right-of-Way: \$ 20,000 Construction: \$ 9,000,000	 <p>Expected Completion: Winter 2021/Spring 2022</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% phase in progress. Environmental studies shall be prepared by consultant before NEPA clearance document is issued. Received consultant's review of 30% layout. Environmental studies underway. 	Design: \$250,000 Expenditures: \$59,724 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. Utility Agreement(UA) package submitted to Caltrans for authorization 100% PS&E in progress. UA execution scheduled for late September. Right-of-way certification and RFA for construction next milestones. 	Design: \$ 130,000 Expenditures: \$ 146,000 Other Phases: Right-of-Way: \$ 300,000 Construction: \$ 1,500,000	 Expected Completion: Spring 2020 Design → R-O-W → Const.
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 Design → R-O-W → Const.

Project Name	Contacts	Description	Progress Update	Project Budget	Completion
Avenue 256 & Road 204 Signalization and Rehabilitation Project  <p>Intersection of Avenue 256 & Road 204 (existing conditions)</p>	District: No. 1 – Kuyler Crocker 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: \$ 65,000 Other Phases: Right-of-Way: \$ 240,000 Construction: \$ TBD	 <p>Expected Completion: Summer 2020</p> <p>Design → R-O-W → Const.</p>
Road 160 Sidewalk Improvements Project  <p>Road 160 Existing Conditions</p>	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"> Received environmental clearance. (NEPA and CEQA). Staff submitted funding allocation request to Caltrans for right-of-way funds. 30% design plans complete and under review by internal staff. 	Design: \$ 185,000 Expenditures: \$ 61,300 Other Phases: Right-of-Way: \$ 263,000 Construction: \$ 1,025,000	 <p>Expected Completion: October 2020</p> <p>Design → R-O-W → Const.</p>
Harvest Avenue Improvements Project  <p>Photo of Existing Harvest Avenue Roadway Conditions</p>	District: No. 4 Eddie Valero Division: MG-1 Roads Designer: Tulare County RMA Contractor: RJ Berry, Jr.	Improvements on Harvest Ave. between Road 64 and Road 68 include full reconstruction of existing roadway, installation of storm drain system, installation of curb & gutter, and sidewalk. Funding: Measure R.	<ul style="list-style-type: none"> 100% PS&E completed. Construction Transition meeting completed. Contract documents reviewed and approved Project contract approved and awarded to R.J. Berry Jr., Inc., Pre-construction meeting to be scheduled in September. 	Design: \$ 60,000 Expenditures: \$ 124,500 Other Phases: Right-of-Way: \$ 20,000 Construction: \$ 1,200,000	 <p>Expected Completion: Spring 2020</p> <p>Design → R-O-W → Const.</p>

Project Name	Contacts	Description	Progress Update	Project Budget	Completion
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 in progress; permitting coordination continued in August and expected to be complete in October. Right-of-way certification expected September 2020. Depending on funding availability, construction anticipated to start winter 2020/21. 	Right-of-Way: \$ 50,000 Expenditures: \$ 524,694 Other Phases: Design: \$ 600,000 Construction: \$ 2,800,000	 Expected Completion: Fall 2020 
Avenue 392 Sand Creek Bridge  Elevation photo of the bridge	District: No. 4 – Eddie Valero Division: MG2 – Bridges Designer: NCM Engineering Contractor: TBD	Replacement of the existing functionally obsolete two lane bridge with a new two lane bridge. Located on Avenue 392 over Sand Creek, 0.4 miles east of Road 108. Funding: Highway Bridge Program (HBP) – Federal.	<ul style="list-style-type: none"> Design to be finalized in September. Construction anticipated to start fall/winter 2020. Construction funds anticipated in September. In August all permits were cleared. 	Right-of-Way: \$ 20,000 Expenditures: \$ 459,000 Other Phases: Design: \$ 495,000 Construction: \$ 2,600,000	 Expected Completion: Fall 2020 
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"> NEPA clearance obtained in Jan 2020. Final design in progress. Continued coordination with property owners and utilities for ROW phase. 65% PS&E completed in June. Right-of-way acquisitions completed in August 2020. Utility coordination to continue in September. 	Right-of-Way: \$ 20,000 Expenditures: \$ 277,349 Other Phases: Design: \$ 500,000 Construction: \$ 1,100,000	 Expected Completion: Fall/Winter 2021 

Project Name	Contacts	Description	Progress Update	Project Budget	Completion
Avenue 424 Traver Canal Bridge  <p>Elevation photo of the bridge</p>	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"> Final design in progress. Right-of-way certification expected September 2020. Pending fund availability, CON anticipated to start fall/winter 2021. In July County coordinated terms of utility agreement between PG&E and Caltrans, agreement approval anticipated by September. 	Right-of-Way: \$ 100,000 Expenditures: \$ 631,000 Other Phases: Design: \$ 604,000 Construction: \$ 2,400,000	 <p>97%</p> <p>Expected Completion: Fall 2020</p> <p>Design → R-O-W → Const.</p>
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 the existing functionally obsolete two-lane bridge with a new two-lane bridge. Located on Road 204 over Wutchumna Ditch, 0.1 miles south of Avenue 336. Funding: Highway Bridge Program (HBP) – Federal.	<ul style="list-style-type: none"> Final design in progress. Right-of-way certification expected September/October 2020. Pending fund availability, construction anticipated to start winter 2020/21. In August all permits were finalized. No utility relocation required. 	Right-of-Way: \$ 100,000 Expenditures: \$ 452,000 Other Phases: Right-of-Way: \$ 500,000 Construction: \$ 1,100,000	 <p>88%</p> <p>Expected Completion: Fall 2020</p> <p>Design → R-O-W → Const.</p>

Project Name	Contacts	Description	Progress Update	Project Budget	Completion
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 Division: MG2 – Roads Designer: Tulare County RMA 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"> 90% design plans complete and under review by internal staff. Preparing utility conflict and Right-of-way exhibits (in-progress). 	Right-of-Way: \$ 75,000 Expenditures: \$ 13,200 Other Phases: Design: \$ 150,000 Construction: \$ 1,239,000	 Expected Completion: Winter 2020 Design → R-O-W → Const.
East Orange Avenue (John J. Doyle Elementary) Pedestrian Crossing Enhancements Project  Photo of Midblock Crossing along East Orange Avenue.	District: No. 5 – Dennis Townsend Division: MG2 – RMA-Roads Designer: Tulare County RMA Contractor: TBD	Install pedestrian crossing which will include: ADA ramps, sidewalk extension, RRFB system, advanced warning beacons, and 2,200 LF of centerline striping. Funding: Federal (HSIP).	<ul style="list-style-type: none"> 100% QC form to be signed and approved. DBE% goal to be reviewed by Caltrans. RFA for construction submitted on 7/7. ROW Cert Package has been approved by Caltrans. Currently awaiting E-76 from Caltrans for Authorization to Bid. 	Right-of-Way: \$15,000 Expenditures: \$10,000 Design: \$37,800 Expenditures: \$37,000 Construction: \$145,300	 Expected Completion: Fall 2020 Design → R-O-W → Const.

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

MANAGEMENT GROUP 2:

ASSISTANCE TO ECONOMIC DEVELOPMENT/PLANNING PROJECTS

Public Works provided GIS Maps to other branches of the Resource Management Agency. In August 51 maps were provided to the Planners for 10 separate projects.

ENCROACHMENT PERMITS

In August staff processed a total of 75 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 120 transportation permits comprised of: 8 rider permits, 47 single-trip permits (including over-sized or overweight loads) and 65 blanket/annual permits.
- Issued 4 sub-encroachment permits for inspections of job sites under utility company annual/blanket maintenance permits, as well as reviewed sites, signing and safety for dozens of short-term repairs;
- Reviewed routing and issued permits for 5 house structure relocations;
- No Special Events are being processed at this time as a result of COVID-19.

	Jan 2020	Feb 2020	Mar 2020	Apr 2020	May 2020	Jun 2020	Jul 2020	Aug 2020	Sep 2020	Oct 2020	Nov 2020	Dec 2020
<u>Transportation:</u>	58	39	63	23	26	313	98	120				
Trans. Annual	14	9	52	3	12	275	54	65				
Trans. Riders	18	22	11	23	14	12	10	8				
Single Trip	44	30	11	11	14	38	34	47				
<u>Encroachment:</u>	30	31	29	61	69	58	75	75				
Utility	20	20	13	47	46	43	30	19				
Standard	10	9	14	13	21	13	40	20				
Curb & Gutter	0	1	1	0	1	1	3	1				
Encr. Annual	0	1	1	1	1	1	2	1				
Sub/Permits Maint. Insp.	9	9	9	9	7	7	7	4				
Special Events:	2	4	1	2	0	0	0	0				
House Moving:		2	1		2	2	9	5				

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

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

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



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

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



Pixley Subdivision on Elm: Tract Inspection: 20000002: This is not a new subdivision, but a continuation of a tract map that has been delayed for decades due to community limitations and requirements for sewer. The current contractor has reviewed and evaluated the site and has recently begun working in the area again. To date, the contractor has completed the placement of the curb and gutter and has paved in the roadway throughout the site. The contractor remains on site and is currently working on adjusting utilities to the final roadway grade.

MANAGEMENT GROUP 3:

ZONES OF BENEFIT

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

Operations and maintenance of Zones of Benefit water systems continued in August 2020 with **no known service interruptions** in the Delft Colony & Yettem water systems.

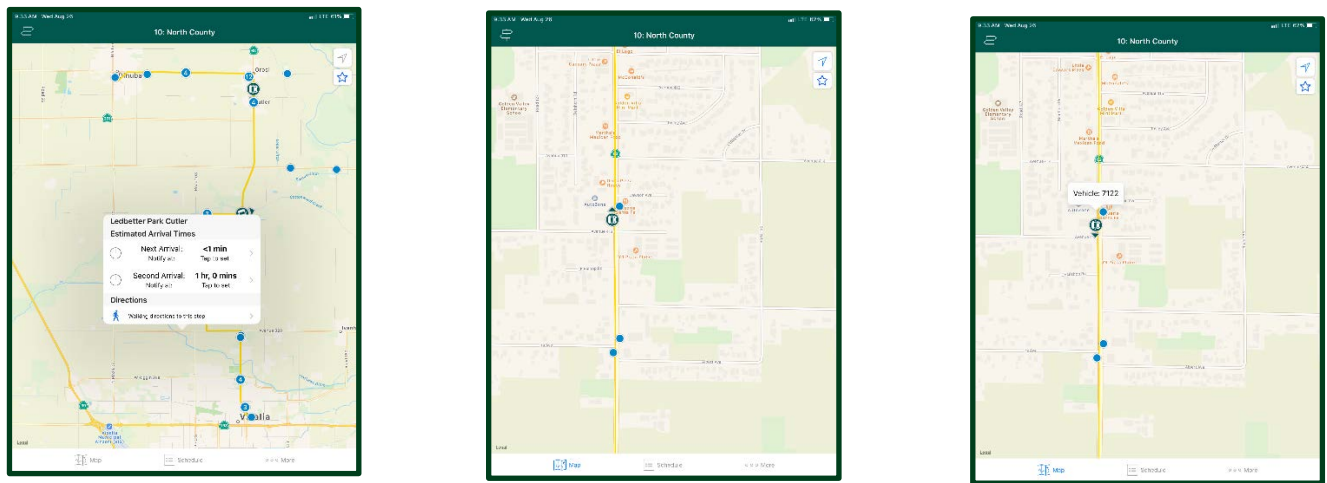
The table below summarizes the data available for the water production and wastewater treatment for the month of July 2020. There is no data for the lift station at El Rancho, as there is no flow totalizer:

Zone of Benefit - Water & Wastewater Volumes July 2020				
Sewer Systems			Water Systems	
Total Monthly Flow (Gallons)		% Capacity	Total Monthly Flow (Gallons)	
Delft Sewer	867,591	51%	Delft Water	3,657,000
Seville Sewer	725,980	48%	Seville Water	3,601,100
Yettem Sewer	983,049	78%	Yettem Water	1,631,500
Wells Tract Sewer	607,500	107%	Wells Tract Water	2,605,290
Tonyville Sewer	384,440	18%		
Tooleville Sewer	596,657	57%		
Traver Sewer	1,253,609	47%		
TBSMD	5,409,128	60%		
El Rancho Sewer	Treatment provided by City			
TOTAL		10,827,954	TOTAL 11,494,890	

On August 31, 2020, the President of the Yettem-Seville CSD signed certificates of acceptance for the County to transfer the Yettem and Seville Water Systems to the CSD for operations starting in September. In addition, the County received notice from the USDA on August 10, 2020 that the Certificates of Participation for the Yettem Water System had been paid in full. Staff are working with the Auditor-Controller's office to complete the Termination Agreement related to this debt as previously approved by the Board.

TRANSIT

TCaT has launched the new mobile application “TCaT Rider,” available for Android and IOS smart phones or tablet devices, which will allow passengers throughout the County to track our buses on any of our fixed routes. This new rider tool will allow riders to know where our bus is at, which will make it easier to plan their trip. Screenshots are below:

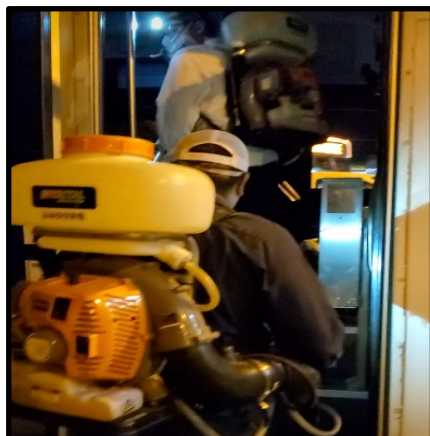


Formation of the Tulare County Regional Transit Agency JPA continued in August. The JPA held its first meeting on August 17, 2020 where various policies were adopted and Ted Smalley was appointed the temporary Executive Director. A second meeting was held on August 24, 2020 where the City of Porterville, particularly Rich Tree, was hired to provide consulting services for the JPA.

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, working with our contractor, are in negotiations to amend the current contract with MV Transportation prior to the move into the newly completed Transit Operations and Maintenance Facility should be completed in October 2020.

Staff have submitted the TCaT Title VI Program update to FTA for review with approval expected in September. The purpose of the Title VI Program is to establish guidelines to effectively monitor and ensure that TCaT services are in compliance with FTA, and to ensure that the level and quality of transportation service is provided without regard to race, color or national origin. In addition, staff will include translation of parts of the Title VI Program in English, Spanish, Portuguese and Tagalog.



As an additional safety precaution, the County continues to use a third-party professional cleaning company to disinfect and clean the TCaT fleet on a weekly basis along with the daily cleaning MV is providing.

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 July:

	July	Prior July	Change	FYTD	Prior FYTD	Change
Total Ridership	11,611	18,627	-37.67%	11,611	18,627	-37.67%
Fixed Route Ridership	11,311	18,089	-37.47%	11,311	18,089	-37.47%
Demand Response Ridership	300	538	-44.24%	300	538	-44.24%
Fixed Route Passengers per Mile	0.12	0.22	-45.45%	.12	.22	-45.45%
Demand Response Passenger per Hour	.61	1.63	-62.58%	.61	1.63	-62.58 %

CENTRAL ROAD YARD WATER SYSTEM

Staff is developing a new "Sample Plan" to submit to the State Water Resources Control Board for the system. Additional sampling was conducted for lead, copper, and trihalomethanes. These are required on a yearly basis.

Final testing of the fire suppression system was completed for the new Station No.1 and is operational.

AIRPORT

Staff are working with HHSA and County OES regarding use of the South Hangar for temporary storage of PPE stockpiles for the COVID-19 pandemic.

FLOOD CONTROL

There was no Flood Commission meeting in August. The next meeting is scheduled for October.

Staff are working with a manufacturer and software developer, Tolthawk, to develop a flashing warning sign system for Reservation Road near the Tule River. Tolthawk is designing specialized hardware to interface with existing equipment used by the County. The design concept calls for flashing warning signs to come on whenever flood water flows over the pavement on Reservation Road. Testing of the prototype is expected to start next month.

Development of a "Condition Assessment Plan" for all flood control facilities is ongoing. Once completed it will be the basis for prioritizing repairs and improvements for each facility. It will also provide for the development of a five and ten year maintenance plan for each facility.

MANAGEMENT GROUP 4:

SURVEYOR'S OFFICE

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

Certificate of Compliance	1	Public Document Requests	25
Corner Record	170	Record of Survey	44
Lot Line Adjustment	2	Vacation of Right of Way	3
Merger of Parcel	2	Tract Map	3
Parcel Map	21	Waived Parcel Map	2

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

2019 RRAA Project 1	Encroachment (multiple)
2019 RRAA Project 2	Farm to Market Rehab 2.0
ATP Pixley Main Street	Firebaugh Avenue: A 276 to SR 65
Bridge: 46C0004 D112	Friant-Kern Canal Project
Bridge: A204 Watchumna (HPB)	HSIP (162) Cycle 7 A328
Bridge: A376 Traver	John J. Doyle Elementary
Bridge: M348 S. Fork Kaweah	Monument Preservation Project
Bridge: D112 Bates Slough	PVAE Agreement – Park Road
Bridge: Sand Creek A392	Rocky Hill Drive, A276 to SR 65
Chip Seal	RRAA 2020 Project #1
Community Accessibility	Solid Waste, Woodville
Earlimart Sidewalk Improvement	Visalia Landfill Phase 4

Respectfully submitted,

Reed Schenke

REED SCHENKE, PE
Director

RS/nw

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

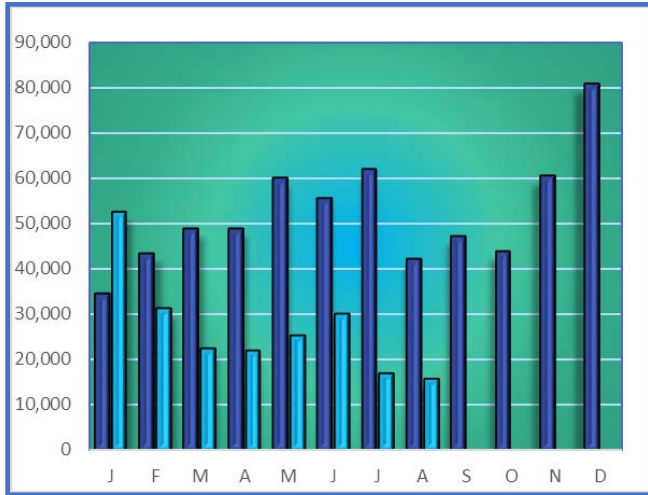
Tulare County RMA – Road Maintenance Activities

August 2020

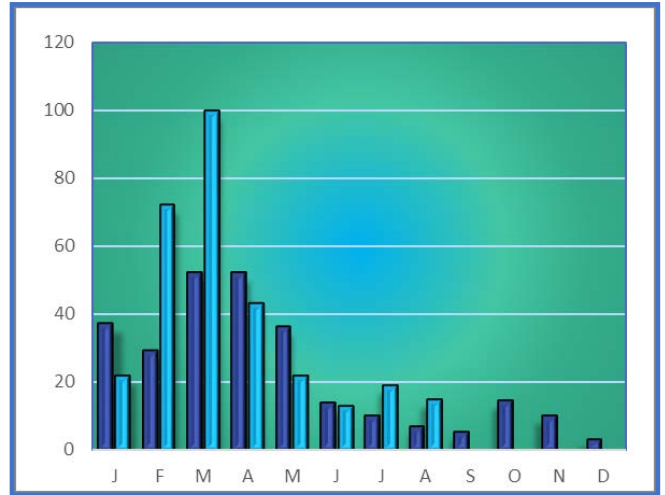
Dark Blue = 2019 Light Blue = 2020



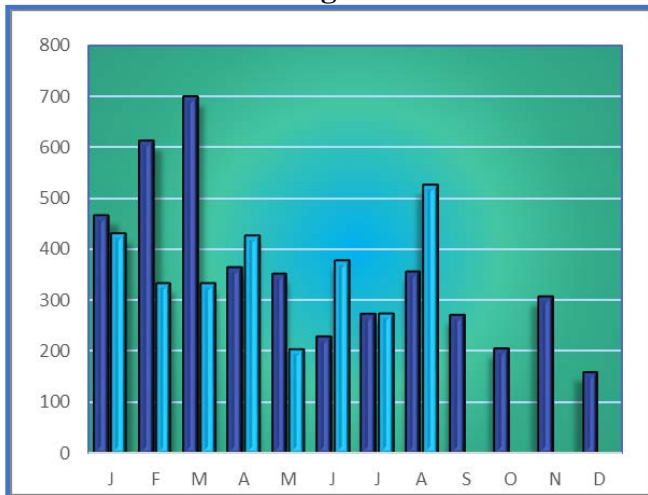
Potholes Patched



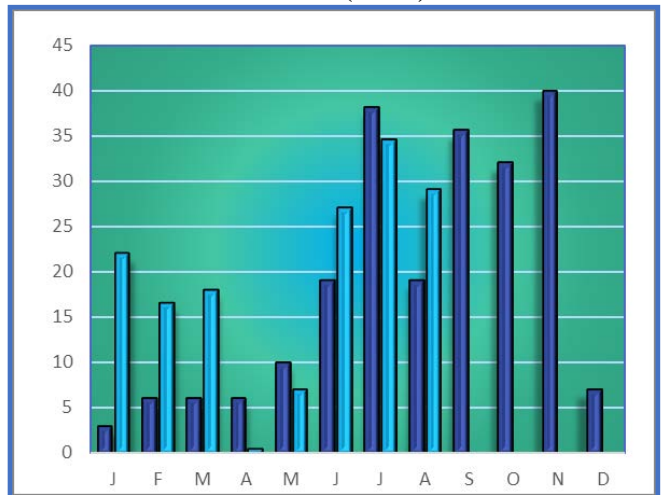
Shoulder Maintenance (miles)



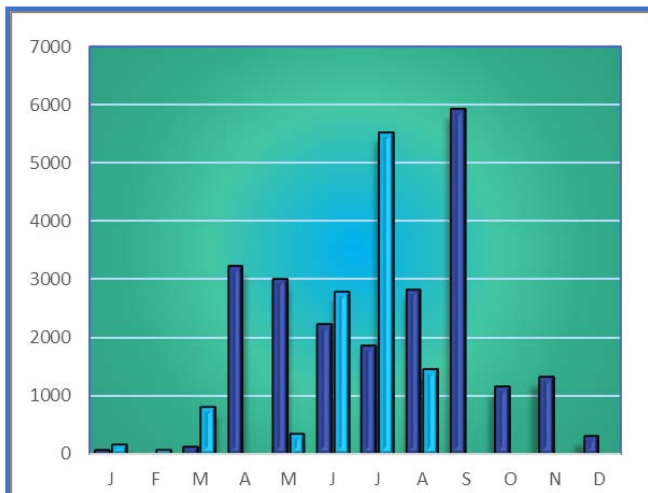
Traffic Signs



Blade Patch (miles)



Road Stencil (sq. ft.)



Road Stripe (miles)

