



RESOURCE MANAGEMENT AGENCY

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April 3, 2019

Supervisor Kuyler Crocker (Chairman) (District One)
Supervisor Pete Vander Poel (District Two)
Supervisor Amy Shuklian (District Three)
Supervisor Eddie Valero (District Four)
Supervisor Dennis Townsend (District Five)
Jason Britt, CAO
2800 West Burrel Avenue
Visalia, CA 93291

Dear Supervisors and Mr. Britt:

The Public Works Branch of the Resource Management Agency (RMA) respectfully submits the following report to you to document the progress in the branch for the month of March 2019.

TRANSIT OPERATIONS MAINTENANCE FACILITY

In March construction continued to progress with the construction of both the Operations and Maintenance buildings, including completion of all rough framing, roofing, plumbing, and electrical on the Operations Building. Current work includes completion of the drywall and stucco work which is anticipated to allow the contractor to turn its attention to building finishes and site improvements. The contractor also began erecting the Maintenance Building in March making all main structural components installed by the end of the month. The contractor is continuing to install metal sheeting



and interior framing to the buildings. It is anticipated that the construction of the Maintenance Building will be complete before the end of April. In addition to the work on the building structures, the contractor has also begun working on-site improvements including the installation of water and storm drainage lines throughout the project

site. This work, along with the installation of other site utilities, is scheduled to continue throughout the month of April.



Staff continues to negotiate with the contractor for the removal of the CNG portion of the project from the current contract as well as delay costs associated with the postponed project start. Staff will continue to work with both the design architect and the contractor regarding the value of this deductive work and is planning to take the completed Change Order to the Board for approval as the deduct significantly alters the scope of the project. Currently staff is scheduled to take this Change Order to the Board at the end of April.

YETTEM SEVILLE GROUNDBREAKING EVENT



From Left to Right: **Jeff Brough**, President, Brough Construction, Inc.; **Nick Jacobson**, Engineer, Provost and Pritchard Consulting Group; **Maria Lemus**, District Director, Office of Senator Melissa Hurtado; **Eddie Valero**, District 4 Supervisor, Tulare County; **Chad Fischer**, Engineer, Water Resources Control Board; **Linda Gutierrez**, President, Yettem-Seville Community Services District; **Seamus Guerin**, Community Development Specialist, Self Help Enterprises.

The Groundbreaking for Phase 1 of the Yettem-Seville Water System Improvement Project was held on March 5, 2019 despite rain and severe wind. Phase 1 will construct a new replacement water system for the community of Seville. There were several speakers at the event discussing the project, its history, and future phases of the project, including Supervisor Eddie Valero. Maria Lemus, the District Director for the Offices of Sen. Melissa Hurtado presented a Proclamation regarding the project to the Yettem-Seville Community Services District and the Committee for a Better Seville. Other attendees included representatives of the funding and permitting agencies, representatives from other project stakeholders, and members of the community. The project is under construction with significant work to begin in early April. Phase 2 is still under design and an application for its funding is underway.

MANAGEMENT GROUP 1:

During March Road Maintenance Crews performed the following work:

1. Continued snow removal efforts and addressed issues caused by the late season rainfall such as rock and mudslides, flooding, etc.;
2. The rainfall produced ideal working conditions for shoulder work and brushing. As a result, more of this work took place during the month;
3. Assisted Group 2 (bridge inspection) and Group 3 (airport maintenance), and Code Compliance (marijuana eradication).

ROAD MAINTENANCE

Work Performed	Total	Percent Increase/Decrease(-) from Prior Month
Potholes Patched	48,860	13%
Shoulder work (Lane miles)	52	79%
Blade Patches (Miles)	6	0%
Bridges maintained	5	-78%
Constituent requests	141	45%
After hour call-outs	16	45%

A graph showing a comparison of the work performed in 2018 and 2019 by the Roads Department is attached to the end of this report.

ROAD DISTRICT 1:

Activities in March include:

- Continued to plow snow at the Western Divide to manageable levels in the event State Route 190 is closed;
- Continued shoulder work and pothole patching;



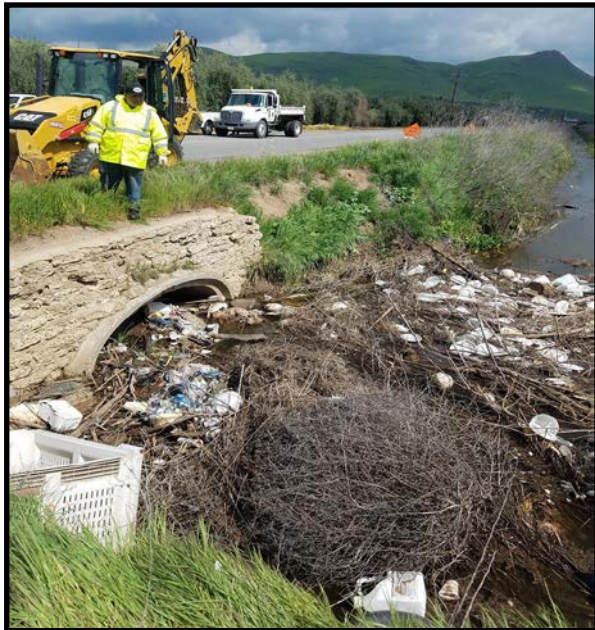
Worked with Tulare County Fire to stop the inundation of run-off traveling under the Friant Kern Canal at Avenue 196 into the community of Strathmore



Performed brush removal using Mountain Home inmates



Cleared and cleaned 7 locations for mud and rockslides



Performed ditch clean-up



Repaired 5 locations for washouts

Removed downed trees at 5 locations



DISTRICT 2:

Activities in March include:

Blade patched approximately 5 miles of roads with grinding;



- Performed shoulder maintenance for approximately 20 lane miles;
- Closed roads due to run-off overtopping low water crossings:



The concrete crew completed an ADA ramp at Strathmore High School on Avenue 196:



DISTRICT 4:

Activities in March include:

Monitored culvert and drain inlets (including pumps) district-wide during heavy rainfall and cleared rock/mudslides:



- Performed shoulder work maintenance at 6 locations;
- Performed snow plowing in the Badger and Hartland areas of the district:



- Completed 6 days of maintenance and mowing at the Sequoia Airport in preparation for the annual airport inspection by Caltrans;
- Provided flagging for Group 2 for Caltrans inspection of bridges;
- Completed approximately 25 miles of shoulder work;
- Completed trimming, mowing, and weed abatement for 7 locations within the district;
- Checked and/or cleaned culverts at 27 locations within the district.

DISTRICT 5:

- Continued plowing for about 15 days on the Divide (M107) and M50 in the event State Route 190 is closed;
- Performed 7 days of pothole patching covering about 49 miles with 11,288 potholes filled:



- Graded 6 miles of County maintained dirt roads:



- Repaired washouts and rockslides district-wide:



Continued cleaning drainage inlets and culvert pipes.



TRAFFIC CONTROL:

SIGN MAINTENANCE

Work Performed	Total	Percent Increase/Decrease(-) from Prior Month
New signs installed	20	-9%
Routine maintenance of signs	470	94%
Vandalized signs repaired/replaced	121	-5%
Worn traffic signs repaired/replaced	72	-65%
Miles of Road striped	1	100%
Stencils installed (Sq ft)	106	106%
Traffic signal repair	2	-50%
Illegal signs removed from R/w	12	20%

Activities in March include:

- Winter retrofitting and maintenance of the Striping truck has been completed. Striping has resumed as weather permits:



Road 72 (West Street) north of Cartmill Avenue



In cooperation with Caltrans, the County addressed a constituent request to improve signage at the intersection of State Route 190 at Wishon Drive to inform motorists of the turn-off. Sign upgrades on Wishon Drive has been completed by the County and Caltrans and we will install additional signage on the highway.



Completed the Board approved traffic pattern change and Stop sign installation on Meredith Drive from Avenue 200 to Avenue 204 in Strathmore



Completed the installation of Board Approved Stop signs on Spencer Avenue at Smith Road and on Newman Road at Spencer Avenue in Tipton

- Installed 15 missing or worn street signs in Goshen;
- Crews responded to 11 call-outs for downed Stop signs or signal malfunctions;
- Street name sign inspections ongoing;
- Troubleshoot and repair electronic devices and signals at 2 locations;
- Replacing worn and updating post mounted "Rough Road" signs as needed.

TRAFFIC DIVISION:

- Staff reviewed constituent requests for Stop signs, speed advisories, etc. as they were received;
- Processed an Agenda item for the installation of an All Way Stop at the intersection of Avenue 280 and Diagonal 85/88, east of Highway 99 for the newly constructed Avenue 280 widening project;
- Verification and update of Diagonal & Restricted Parking locations as identified in County Ordinance in progress.

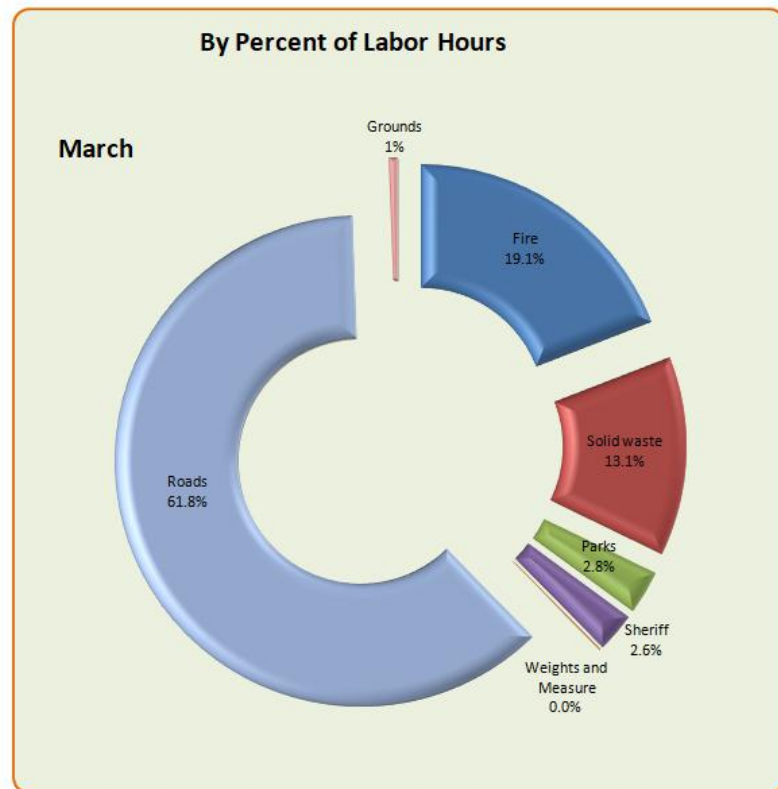
SAFETY:

- For the month of March there were 3 claims filed through Risk Management during this reporting period;
- Field observation of flood locations to include Upper and Lower Globe Drive and other potential flood locations;
- Provided Forklift Safety training for Yard 2 Construction Maintenance Workers;
- Provided Forklift Certification for Traffic Control and the Heavy Equipment Shop;
- Conducted a safety meeting with Shop staff on the topic of Heat Stress;
- Began circulating the first “Safety Moment” flyer to the Road yards, Shop and Sign Shop to be shared with staff every Monday to begin their work week with safety in-mind;
- Received and processed 2 litigation holds;
- Received and processed 1 Public Records Request;
- One (1) CMW passed and received their Commercial Class A Permit to train on equipment;
- One (1) CMW passed and received their Commercial Class A License to operate equipment.

HEAVY EQUIPMENT MAINTENANCE DIVISION:

For the month of March, the Heavy Equipment Shop maintained various pieces of equipment for 7 agencies completing 345 work orders for a total of 2,351 hours as shown in the chart below:

Agency	Work Orders	Labor Hours
Fire	46	449
Solid waste	54	308
Parks	19	67
Sheriff	13	60
Weights and Measure	0	0
HHSA	2	2
Roads	207	1452
Grounds	4	13
Agriculture	0	0
Total	345	2351





ENCROACHMENTS:

The following encroachments within the right-of-way were addressed as follows:

- Received 32 calls for right-of-way issues and complaints;
- 3 new encroachment cases opened;
- 3 encroachment cases closed due to compliance;
- Patrolled 2,341 miles of roadway.

MANAGEMENT GROUP 2:

BRIDGE PROJECTS



Construction of the **M220 Bear Creek Road Bridge over Rancheria Creek** continued during the month of March however, progress was slower due to several days of heavy rain. Contractor Agee Construction placed all superstructure forms, voids, reinforcing steel and post-tensioning ducts in advance of the Stage 1 concrete deck pour scheduled for early April. In addition to the Stage 1 deck pour, the contractor will post-tension the bridge and start falsework removal in preparation for concrete barrier rail and pilaster installation in April.

During the month of March initial environmental analysis and development of studies (traffic, hazardous waste, water quality, hydraulic, biological resources, wetlands, historic resources, land use/community impacts, farmlands and cultural resources), continued on the following projects:

- Avenue 108 Lakeland Canal Bridge
- Avenue 376 Traver Canal Bridge
- Avenue 428 Sand Creek Bridge

Design consultants continue to work on the following projects:

- Avenue 424 Traver Canal Bridge**
- Road 204 Wutchumna Ditch Bridge**
- M348 South Fork Kaweah River Bridge***
- Avenue 364 Cottonwood Creek Bridge*
- Avenue 392 Sand Creek Bridge**
- Avenue 174 Friant-Kern Canal Bridge
- D112 Bates Slough Bridge
- D112 North Branch Tule River Bridge

Also during the month of March consultants continued moving forward with the environmental and preliminary engineering phases of the eight projects listed above. Projects with an asterisk (*) indicate that 35% (environmental) design is complete and the project has right-of-way authorization to start negotiations for potential ROW and temporary construction easement (TCE) needs. Projects with a double asterisk (**) indicate 65% engineering design is complete and final design has started. Projects with a triple asterisk (***) indicate final design is nearly complete and construction authorization is anticipated within the next few months.

Certification of the MND for the **M348 over South Fork Kaweah River Bridge** will be on the April 2nd BOS agenda. This project is expected to have right-of-way clearance by the end of April and staff will be submitting for construction funds in anticipation of project construction starting this fall.

Certification of the MND for the **Mineral King (Oak Grove) Historic Bridge** will be approved by the BOS in May. Structural engineering consultant, Cornerstone Structural Engineering Group, continued work on the final design of the bridge rehabilitation. During the months of April/May, additional materials testing investigations will be scheduled/completed to confirm all previous material findings and rehabilitation measures. Construction is anticipated to start in the fall of 2021.

In the past year, staff has worked with Friant Water Authority (FWA) to address both short and long-term impacts to five bridges affected by subsidence along the Friant-Kern Canal. In February, all required preventive maintenance on the five bridges was completed in accordance with the Memorandum of Understanding with FWA after staff initially inspected all bridges to ensure all work was performed in accordance with project plans and specifications. Staff will continue to monitor the bridges and work with FWA to ensure all protective measures are working to mitigate for short-term pressure flow conditions. In the upcoming months staff will also work with FWA on coordination of a proposed long-term solution addressing the issue of ground subsidence affecting canal deliveries and ways to increase capacities of the canal to original intended flow rates.

In March bridge staff also prepared a new 2018 Special Provisions template in coordination with the 2018 Caltrans Standard Specifications. Once counsel has reviewed and provided comments, staff will finalize the template for use on projects starting in May.

ROAD CONSTRUCTION PROJECTS

SPACER DRIVE SAFETY IMPROVEMENT (HSIP CYCLE 8): All work on the project has been completed and the work was accepted as substantially complete by the Engineer on March 1, 2019. Upon receipt of substantial completion, the contractor began submitting all final paperwork for the project. Staff is continuing to prepare a Notice of Completion for the project and is scheduled to take this item to the Board for formal approval.

AVENUE 280 WIDENING: In March the contractor was able to complete the majority of the remaining items of work on the project and is now awaiting electrical connection by SCE. All major items of work have been completed with the installation of the traffic signal and street lighting prior to final acceptance of the project. SCE will need to return to the site and install several transformers and service connections to provide power to the site prior to completing these items. It is anticipated that SCE will be available to complete this work within the next few weeks at which point the project can be accepted as complete.

SAFETY AND COMMUNITY IMPROVEMENT PROJECTS:

Earlimart ATP Sidewalk Improvements (ATP Cycle 3 Augmentation): Staff continues to work on the plans for this project, including a community meeting in May to provide an update on the revised project design.

Allensworth Elementary Sidewalk Project (ATP Augmentation): Due to ongoing winter weather, both the contractor and County staff are in agreement that this project will remain in temporary suspension until weather conditions improve. County staff met with the contractor on the project site to discuss the status of the project and a potential return date at the end of the month. The contractor would like to wait a couple more weeks to ensure the site has had adequate time to dry out and is continuing to prepare for the completion of any remaining work.

Avenue 152 Safety Improvement Project: The project remained in temporary winter suspension throughout the majority of the month. On March 25th the Contractor resumed work on the project site with the main emphasis of work being on the Road 208 traffic signal. The contractor mobilized to the site and began performing layout and potholing of the underground utilities in the area. The contractor is scheduled to return to the site April 1st to begin work on phase 2 which includes the construction of 4 left turn pockets at intersections between Road 152 and Road 208. This work is scheduled to take 4 weeks to complete and a road closure/detour will be in place for the entirety of this work.

2017 Community Improvement Project - Phase 3: This project remains on temporary winter suspension as the final items of work, applying slurry seal, is weather dependent and cannot be completed until the spring. While waiting for weather conditions to improve, DOD Construction has occasionally been by the project locations to make sure minor items of work are completed to the satisfaction of the County. County staff attended a field meeting with the contractor at the end of the month to discuss a potential return/completion date. DOD was still unsure of when Slurry sub would be available and they would be able to return to complete the work, but they will be checking in and following up with County staff in the upcoming weeks.

Traver Jacob Street Improvements (ATP Cycle 2): Construction funds were allocated at the March 13th California Transportation Commission (CTC) meeting. We are waiting on final authorization documents (E-76) for the construction funding. The project is anticipated to be advertised in May and will go to construction in late summer 2019.

Woodville Sidewalk Improvement (ATP Augmentation-MPO Component): The Board approved the Authorization to Bid on February 26, 2019. Bid opening for the project is currently set for April 17, 2019 at 3:00 pm at the Board of Supervisors office. The project is anticipated to go to construction in early summer 2019.

Worth Drive (M146) Safety Improvement Project (HSIP Cycle 7): Bid opening for the project is currently set for April 4, 2019 at 3:00 pm at the Board of Supervisors office. The project is anticipated to go to construction in spring 2019.

Earlimart Park Sidewalk Improvement Project (ATP Cycle 2): The final plans, specs and estimates are complete, and the CTC allocation request was submitted to Caltrans Local Assistance and forwarded onto Headquarters. We expect the CTC allocation to be approved at the May 15-16 CTC meeting. Construction for this project is anticipated to begin in summer 2019.

Pixley Main St. Sidewalk Improvement Project (ATP Cycle 2): Design is progressing to the 90% benchmark where plans, specs, and an estimate will be delivered. The tentative date for this review to initiate is Monday, April 22, 2019. Right-of-way acquisition and utility coordination are ongoing (primarily with AT&T and Pixley PUD), and right-of-way meetings with owners are ongoing. The project is under a tight funding deadline; staff is currently considering requesting a time extension under the ATP to allow adequate time to acquire the rights-of-way, easements, and to complete the design. Nearly all of the right-of-way acquisitions are complete, and only two parcels remain. Staff's goal is to complete the CTC allocation request by April 29th and complete the right-of-way certification prior to the June 26-27, 2019 CTC meeting. If these milestones are met, staff will not need to request a time extension, and will be able to deliver the project within the original timeline.

Community Pedestrian Accessibility Enhancements: This project includes ADA and related improvements at the Road 192/Avenue 146 intersection in Poplar, the Road 228/Avenue 196 intersection in Strathmore, and at the Avenue 416 midblock crossing between Road 126 and Eddy Road to Golden Valley School. The 100% PS&E is complete, internal review has been done. Staff continues to coordinate with utility owners, and relocation plans from SCE for the Strathmore location have been received. The project includes the relocation of a utility pole at the southeast corner of Road 228/Avenue 196 in Strathmore and adjusting Pixley PUD vaults to grade on both the southwest and southeast corners. The project is scheduled for the April 2, 2019 Board meeting in Strathmore to seek the Board's approval of the PS&E, and authorization to advertise the project for bids.

Community Improvements Phase 5: This project includes ADA and related improvements along Center Street from Tule and Ellis Roads in the community of Alpaugh. The 30% plans are complete, and the project is currently on hold while staff considers the best way to handle drainage for the project due to the shallow groundwater conditions. Once a feasible drainage solution is identified the project will proceed to 60% PS&E development.

Avenue 232 Safety Improvement Project: This project was awarded in HSIP Cycle 7 (federally funded). The project was recently re-scoped due to right-of-way acquisition requirements, physical constraints, and utility relocation needs. The re-scoping of the project was approved by Caltrans in October 2018. The project will install edge line rumble strips along Avenue 232 between Road 36, and Road 76, and roadway widening to accommodate left-turn lanes will be completed on Avenue 232 at Road 36, Road 56, and Road 68. Signing and striping will also be upgraded as needed. The preliminary environmental study (PES) is currently being completed. Following approval of the PES by Caltrans, the project will proceed into design (PS&E).

Road 64 Improvement Project: This project includes reconstruction and widening along Road 64 from Route 198 to Avenue 308. The project includes reconstructing the roadway, and adding shoulders to the approximate ½ mile segment of Road 64. The project is currently funded through right-of-way acquisition. Thirty-percent (30%) plans have been completed, and are undergoing internal quality control. A request for proposals to perform geotechnical, flood, and hydraulic studies is being prepared. Once the final alignment is approved, and the various consultant studies are completed, the project will proceed into 60% PS&E.

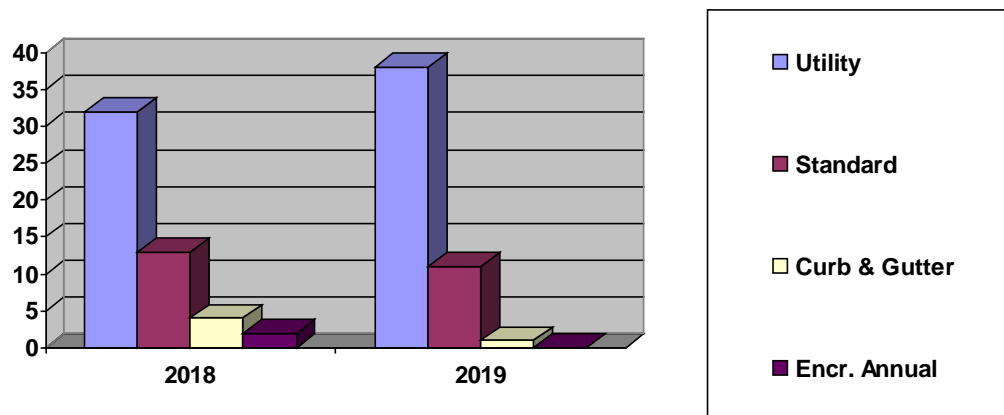
Avenue 80 Railroad Crossing Improvements: This project is the community of Teviston and will reconstruct the Avenue 80 approaches to the UPRR at-grade crossing. The 60% plans have been circulated for internal quality control, and to UPRR for review and comment. UPRR has provided comments, and the 90% PS&E is currently underway. A draft GO-88B application (for modification of the rail crossing) has also been prepared and circulated for review and comment. The project also includes upgrades/replacement of the existing railroad warning devices (flashers/arms). The project is funded through the Caltrans Section 130 Program administered through the Caltrans Railroad Grade Crossing Safety Branch.

ASSISTANCE TO ECONOMIC DEVELOPMENT/PLANNING PROJECTS

Public Works provided GIS Maps to other branches of the Resource Management Agency. In March 39 maps were provided to the Planners for 10 separate projects.

ENCROACHMENT PERMITS

In March staff processed a total of 50 new encroachment permit applications. The permit processing numbers and inspections continue to remain at high demand levels. March was one of the busiest inspection months on record with our staff providing oversight and daily inspections for 55-65 daily/recurring active projects, and 4 tract/parcel improvement projects. Below is a graphic depicting individual categories for permits as processed:



A major redesign and mapping update also occurred in March with regard to truck routes, bridge weight and oversized mapping. This is a project many months in the making, but finally in full service with the public. All mapping for multi-axle bridge and truck routes has been updated, a digital mapping system is online for staff to make customer service responses quicker and more accurate; soon an online website portal service will also allow outside users to utilize the online geo mapping as well. This is a major step forward in accurate transportation permit routing services, which has been a department goal for many years; we are glad to report that with the cooperation of the bridge team, and several departments, *we have accomplished a major step forward in customer service.*

March department permits processed:

- Processed and issued a total of 144 transportation permits comprised of: 17 rider permits, 19 single-trip permits (including over-sized or overweight loads) and 108 blanket/annual permits. This is another major increase from 2018 and previous years.
- Issued 11 sub-encroachment permits for inspections of jobsites under utility company annual/blanket maintenance permits, as well as reviewed sites, signing and safety for dozens of short-term repairs;
- Reviewed routing and issued permits for 2 house structure relocations;
- Processed documents, reviewed traffic control plans/routes, and issued 3 special event/parade permits

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

Tract Map–TSM17-001/ Quail Ranch: This is a rural subdivision with larger lots, located on Road 132, east of Tulare and south of State Route 137. The initial earth work has begun with removing and shaping the right-of-way area within the project property, as well as improvements along the west shoulder of Road 132. The County inspectors will be inspecting and providing oversight for all infrastructure improvements; including electrical, natural gas, and telecommunications. Also included are curb and gutter and storm drain improvements.



Parcel Map Improvements/Sequoia Commons (Self-Help Enterprises): These parcel improvements are along Riggins Avenue in the Goshen area, and will also be constructing a new road, Florence, intersecting with Riggins. The improvements for the multi-family dwellings are mostly on sight and private property, but the project links with another phase of Self-Help single family improvements. Storm Drainage and road construction to accommodate the additional project are being supervised and inspected on this project. Storm drain pipelines, drop inlets and manholes are already installed. Curb and gutter, along with the road section and paving are yet to be installed.

Gas Company Pressure Betterment Project: Geo Technical/Survey work has begun in preparation to begin along Avenue 152 west of Poplar to install a new large diameter high pressure steel gas pipeline. Projected pipeline work could begin by late June. This project will continue the upgrade to pipeline size and capacity which started at the City limits of Tulare, and has been installed in phases to a point east of Tipton on Avenue 152. This pipeline will connect the new larger pipeline and continue east to Poplar for the next phase.

Tract Map–789/Goshen Village Phase 1: Construction of the portion of the tract along Avenue 310 in Goshen has progressed; curb and gutter will be installed soon. This project will also include improvements to the entire area between Avenue 308 and Avenue 310, making available more than 70 single dwelling residential building lots. Work is now underway on the improvements to the internal portion of the tract, this should continue throughout the spring and summer. Our inspectors will be providing oversight for water, sewer and storm drain pipelines, utility trenching including electrical, gas, telecom and cable services. Also included in the inspection duties are the subgrade structures, testing and paving sections, curb and gutter, sidewalks and all ADA installations.

Tract Map-TSM16-002/Kingsburg Hash Subdivision: Crews are at work on the beginning stages of installing improvements for the tract along Avenue 396 in the Kingsburg area. An encroachment permit has been issued for work that is proposed within the current right-of-way of Avenue 396. Our inspectors will be providing oversight for water, sewer and storm drain pipelines, utility trenching including electrical, gas, telecom and cable services. Also included in the inspection duties are the subgrade structures, testing and paving sections, curb and gutter, sidewalks and all ADA installations. This map includes details and specifications from the City of Kingsburg, under agreement with Tulare County, and will require additional knowledge from our inspectors to keep both standards of Tulare County and the approved plans in mind.

Cutler/Orosi PUD Water System improvements: Project is currently underway in Cutler to the water deliver service pipeline. This portion of improvements will improve the pipe size and capacity connecting well sites that were newly install in the past several years. Paving will be the final step as the project is completed in the coming weeks.

The Oakieville Community Water Pipeline and Well Project Upgrade: Installation has been substantially completed to the water system, including water meter boxes and parcel services equipment, main pipelines, valves, hydrants and a new and updated well site are being installed. The project has placed the main pipeline on County right-of-way, and installed the service valves and lines. Completion and timetables have been affected by weather conditions during previous months. These improvements are similar to many other projects from the past few years, bringing the water systems up to federal quality and conservation standards, especially for hard hit areas with drought effected systems. The project nears completion and final paving should occur in April 2019.



HIGH SPEED RAIL

County staff continued to work with the High Speed Rail Authority and their contractor in reviewing the grade separation packages for Avenue 120, Avenue 56, Avenue 88, Avenue 136, and Avenue 24 which have all been progressed to the final sets. Staff is continuing to negotiate the terms of a maintenance agreement with the Rail Authority for the grade separations of County maintained facilities constructed above the High Speed Rail alignment as well as the right-of-way transfer agreement.

Corrective action is still required for the paving work performed by the Rail Authority's contractor on Avenue 120. The pavement placed by the contractor does not meet smoothness requirements as defined by Caltrans Standards. The contractor has evaluated the site and developed a plan to correct these issues. County staff has been in continued communications with both the Rail Authority and their contractor and in the upcoming month will be on site to witness the corrective work which will consist of fine grinding where needed followed by the application of a fog seal. In addition, the contractor has begun sending material submittals for the water main installation work on Avenue 24. In the month of March County staff attended a meeting with the HSR contractor and the Allensworth Water District to discuss the upcoming water main replacement work and any concerns regarding the project. It is anticipated that this work will begin within the next few weeks and, once complete, the contractor will be able to begin working on roadway replacement work.

TREE MORTALITY

Fire has hired their two crews and will begin training April 15th. Plans are to use the air curtain incinerator in May, weather permitting. Road crews will be assisting. After the next local Tree Mortality Task Force Meeting April 3rd, staff will meet with CalFIRE personnel to discuss the next round of CCI grants. The LATM grant work will be completed by August 31st and billed in a timely manner so that the 25% LATM funding is received.

MANAGEMENT GROUP 3:

AIRPORT

Previous issues regarding vendor information for the PAPI supplier ADB Safegate were resolved. RMA is currently awaiting arrival of the PAPIs which will be used on the Navigation Aids at Sequoia Field Project. RMA will furnish the PAPIs to the contractor following formal contract award in compliance with federal and state procurement regulations. At this time an anticipated advertisement date is early May.

The annual inspection of Sequoia Field required by the Federal Aviation Administration and the California Department of Transportation Division of Aeronautics was completed on March 21, 2019. The airport was found to be in good order and no deficiencies were noted during review, as a result the airport was noted to have passed the inspection.

RMA's efforts to close out the FAA grant that was used for the updated ALP are ongoing as there were comments raised by a planner at the FAA's San Francisco Airports District Office.

FLOOD CONTROL

The community of Strathmore experienced minor flooding on March 8, 2019. In Strathmore, storm water collects east of the Friant Kern Canal in the vicinity of Avenue 196. As this water collects, RMA crews pump the water through hoses across the Avenue 196 Bridge into the existing community storm drain system. It would appear that this water passed through a previously plugged siphon underneath the canal and into the neighborhood west of the canal. RMA crews worked with other agencies, including the Fire Department and Sheriff Department to control flooding in the area, which included seeking permission to pump the storm water directly into the Friant Kern Canal and bringing in a portable pump to increase pumping capacity. Review by RMA Code Enforcement found 3 properties which were "yellow tagged," which allows limited access to the property but no occupation because of water intrusion. In addition, 13 properties with no water intrusion or no apparent water intrusion, 3 properties with minor water intrusion or damage to accessory structures, and 2 properties with minor intrusion of water into the house. On follow up, a few properties showed signs of water damage or had carpet/gypsum board removed because of water damage. One property was ultimately "red tagged", meaning it was found to be unsafe to occupy and would need to be demoed for reasons unrelated to this event.

Staff have begun to prioritize the Strathmore Flood Control Project in response to the flooding event. Staff met with a pipe manufacturer in early March to discuss one of the remaining design issues. Staff will be giving a project update presentation at the Board of Supervisors meeting on April 2, 2019. Staff are working to submit an encroachment permit to the U.S. Bureau of Reclamation in April and have hired a biologist to conduct necessary reviews for the permit.

The Flood Commission met on March 22, 2019. During this meeting, staff provided the Commission with an update on flood projects. In addition, staff requested input from the individual commissioners with regards to locations that would be ideal for water level sensors as part of the water level sensor project. Commissioners also expressed that irrigation districts and other entities may wish to partner with the Flood Control District to

install and maintain some of these sensors. Two of these sensors were previously installed and can be viewed at: <https://sensors.tolthawk.com/Home/Dashboard?regionId=3>.

Staff submitted an update to the Cottonwood Creek/JDF Project grant application previously submitted to the Water Board to reflect changes to the project on March 22, 2019. Staff are awaiting review by the Water Board of the revised application to determine if grant funding will be made available for the project.

ZONES OF BENEFIT

Operations and maintenance of Zones of Benefit sewer systems continued with no spills for the month of March 2019.

Operations and maintenance of Zones of Benefit water systems continued in March 2019 with no known service interruption in Yettem and Delft Colony.

The Seville water system experienced one planned water disruption. The water disruption was due to a leak within a Seville water user's property which could not be isolated due to the current lack of shut off valves. Due to the possibility of disruptions in service in Seville, users were notified of the repairs via phone call using the AlerTC system and were reminded of the ongoing "Boil Water" notice. Portable toilets continue to be provided to Stone Corral Elementary School and two 5,000 gallon non-potable water tanks are available to the school and the community.

The table below summarizes the water production and wastewater treatment for the month of February, as this data is not provided by the contractor until mid-month. There is no data for the lift station at El Rancho, as there is no flow totalizer.

Zone of Benefit - Water & Wastewater Volumes February 2019				
Sewer Systems			Water Systems	
Total Monthly Flow (Gallons)		% Capacity	Total Monthly Flow (Gallons)	
Delft Sewer	732,475	46%	Delft Water	948,000
Seville Sewer	825,060	59%	Seville Water	1,485,000
Yettem Sewer	743,657	63%	Yettem Water	705,900
Wells Tract Sewer	476,000	89%	Wells Tract Water	489,690
Tonyville Sewer	410,860	19%		
Tooleville Sewer	728,812	67%		
Traver Sewer	921,767	37%		
TBSMD	2,813,216	30%		
El Rancho Sewer	Treatment by City of Lindsay			
TOTAL 7,651,847			TOTAL 3,628,590	

WATER/SEWER PROJECTS

Phase 1 of the Yettem-Seville Water System Improvement Project is discussed above.

Staff continue to work with AECOM on the Traver Wastewater Improvements Project, which included extending the agreement with AECOM at the March 26, 2019 Board meeting. The extension was necessary to allow staff to collect data from a newly installed flow meter at the treatment plant to better inform design and planning.

Two staff members took the Water Distribution Operator Examination, which would allow these staff members to serve as the water operator at the Central Road Yard as well as other County water and sewer systems with the corresponding licensing requirements.

To explore other options available to our systems, staff also met with a SCADA/Controls vendor (XiO), a nitrogen removal specialist company (Nexom), and a water harvesting vendor (PuraTerra).

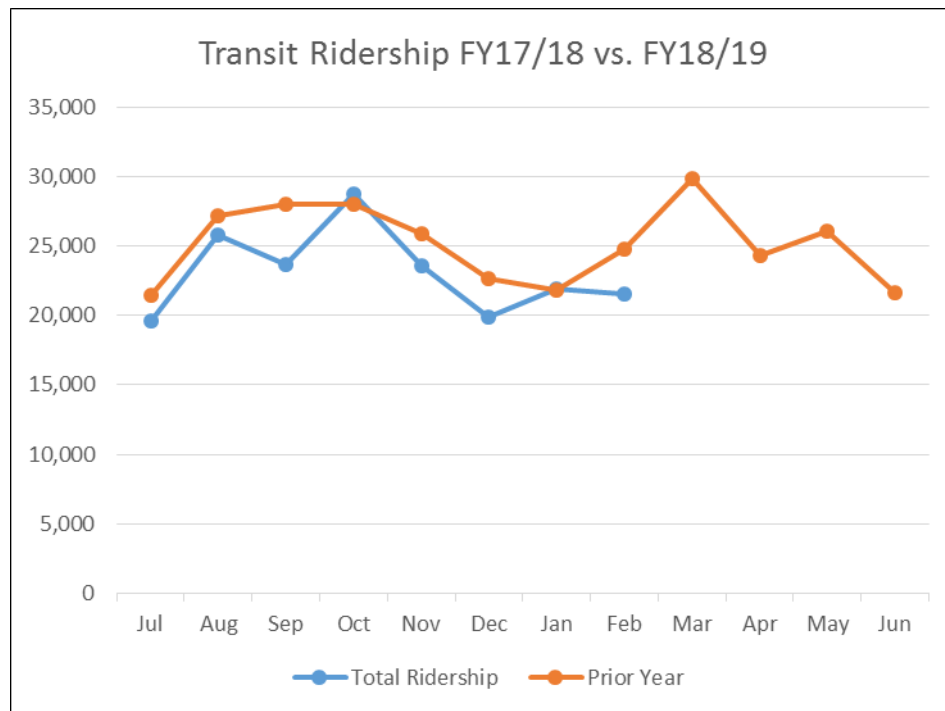
TRANSIT

Staff participated in the March 27 town hall meeting held in Woodville by Supervisor Crocker, about a dozen people gathered at this event for an opportunity to ask questions to County representatives. Staff provided information regarding the fixed route and paratransit systems and answered questions from the community members.

Staff attended the Transit Unmet Needs Hearings by TCAG. No community members appeared to speak at the meetings, which caused TCAG Board Members to remark that it was the first time no one was present to speak on transit needs. TCAG still expects to receive mail in comment cards and will be reviewing them as part of the Unmet Needs process.

Staff continue to meet with vendors for Automatic Vehicle Locator (AVL) system, GPS, Wi-Fi for the TCaT fleet. The addition of Wi-Fi is a common request of public transit users. The ability to locate a transit vehicle along a route helps to improve passenger safety, allows for on-time performance tracking and provides the capacity for providing real-time service information.

	February	Prior February	Change	YTD	Prior YTD	Change
Total Ridership	21,545	24,743	-12.92%	184,596	199,723	-7.57%
Fixed Route Ridership	20,985	24,073	-12.83%	179,863	194,549	-7.55%
Demand Response Ridership	560	670	-16.42%	4,733	5,174	-8.52%



TOMF and CNG Fueling System Project

The status of this project is described above.

MANAGEMENT GROUP 4:

SURVEYOR'S OFFICE

The activities and projects in process and/or completed in March 2018 are as follows:

Record of Survey	34	Parcel Map	21
Building Permit Review	10	Tract Map	4
Public Document Requests	35	Merger of Parcels	1
Corner Record	65	Lot Line Adjustment	4
Elevation Certificate	1	Parcel Map Waiver	1

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

Avenue 280 Widening	Encroachment
ADA Ramp Improvements	Transit Operation & Maintenance Facility
Allensworth Sidewalk	HSIPL Avenue 152 Safety
ATP Pixley	Ivanhoe Road 159 and Azalea
ATP Earlimart Park Sidewalk	Poplar Crossing Road 192
Ave. 196 Strathmore High School	Park Road PVAE Agreement
Bridge Ave. 108 Lakeland	RMRA 19 Road 204
Bridge Ave. 376 Traver	Strathmore Avenue 196 & Road 228
Bridge Ave. 392 Sand Creek	SW – Teapot Dome
Bridge Ave. 428 Sand Creek	SW – Visalia Generic
Bridge Balch Park-Bear Creek	

Respectfully submitted,

Reed Schenke

REED SCHENKE, PE
Director

RS/nw

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

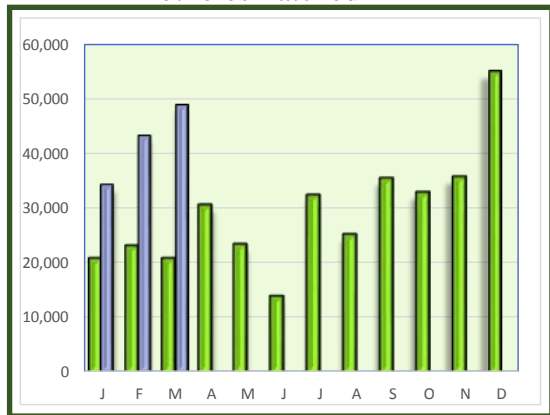
Tulare County RMA – Road Maintenance Activities

March 2019

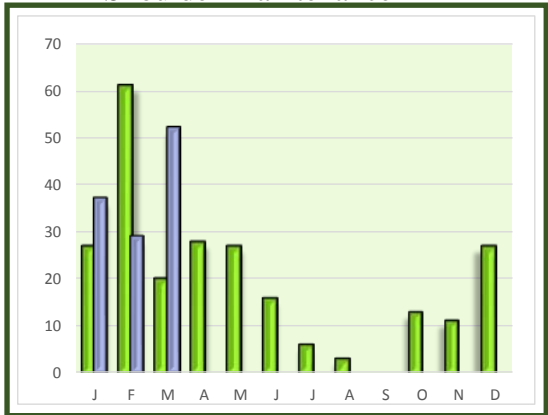


Green = 2018 Grey = 2019

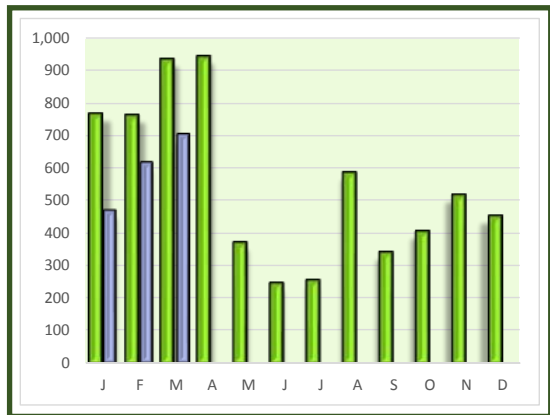
Potholes Patched



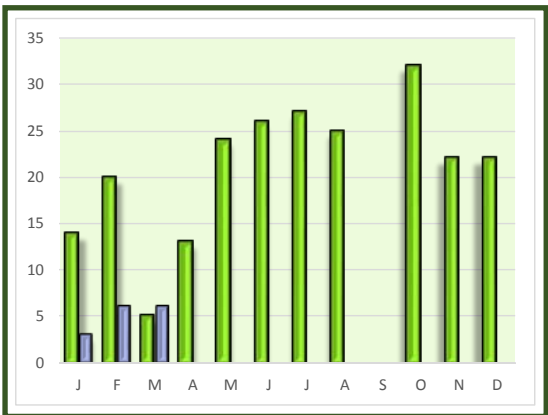
Shoulder Maintenance



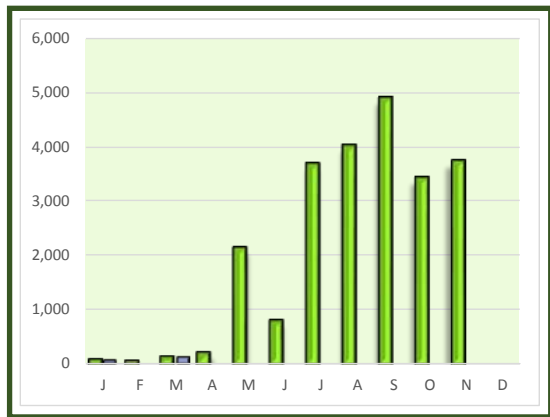
Traffic Signs



Blade Patch



Road Stencil



Road Stripe

