



# RESOURCE MANAGEMENT AGENCY

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July 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 June 2019.

## **ROAD CONSTRUCTION THROUGHOUT THE COUNTY TAKING OFF**

The month of June proved quite busy as road work began and plans for work expanded with the approval of the Board for numerous additional projects. With the establishment of the Road Repair and Accountability Act



(RRAA) (SB1) in April 2017, funding for road repairs allowed the County the opportunity to perform much needed maintenance to roads throughout the County. On April 24, 2018 this Board identified and approved the project description, locations and schedule for the County's Fiscal Year 2018/2019 Budget. On May 21, 2019 the Board approved the 2019 RRAA **Project 1** and work immediately began using County forces. This work encompassed Avenue 256 to State Route 137; Road 144 from State Route 201 to Avenue 416; Road 12 from Avenue 272 to Avenue 271 and Avenue 271 from Road 122 to Road 128, and Road 128 from Avenue 271 to Avenue 272; Avenue 264 from Road 100 to Road 108; Road 108 from Avenue 317 (Pratt) to Avenue 328; Road 224 from Fir to Avenue 250. Project 1 was completed in June with the exception of the D112A (I St.) project location. That work will proceed after the City of Tulare completes its work on a water main project which is anticipated by the end of summer 2020. The photo to the left is of Fir Street from Hillcrest Drive to North Foothill Avenue. The photo to the right is Worth Drive from Springville Drive to Road 284. The following photographs depict additional SB1 work performed by RMA crews:





Avenue 300 from Road 196 to Road 204



Road 188 from Avenue 242  
To Avenue 256

At the June 18, 2019 Board meeting this Board approved the 2019/2020 County transportation Improvement Program (19/20 CTIP) for the County's transportation infrastructure. This will allow the Resource Management Agency to continue its aggressive road maintenance and repair plan in 2019 and 2020 including its Chip Seal Program, its Intersection Program, its Rapid Response Program, its ADA Improvement Program (new), and its Under 20-foot Bridge Preventative Maintenance Program (new).

At the June 25, 2019 Board meeting this Board approved the RRAA **Project 2** which will include 13 miles of road at 6 locations.

### **MANAGEMENT GROUP 1:**

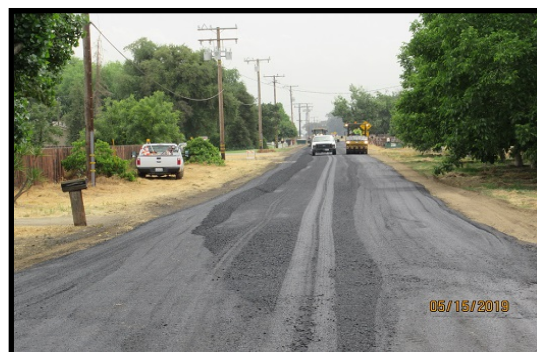
During May Road Maintenance Crews performed the following work:

Completed the following locations using Rapid Response funds to address constituent request for road overlay maintenance:

Road 52 from Avenue 192 to Avenue 216



Crews also performed overlay maintenance at Avenue 228 east of Road 140



- Staff continued to provide assistance to Code Compliance for marijuana eradication;
- Staff completed the widening of Road 140, south of Avenue 256 for the Transit Operations Maintenance Facility and the Fire station construction (See District 2 for photos)

## ROAD MAINTENANCE

Work Performed	Total	Percent Increase/Decrease(-) from Prior Month
Potholes Patched	55,476	-8%
Shoulder work (Lane miles)	14	-61%
Blade Patches (Miles)	18.81	88%
Bridges maintained	3	-50%
Constituent requests	93	22%
After hour call-outs	8	-43%

Graphs 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 June include:

- Assembled and prepared solar lights for installation at existing bus shelters for Group 3, Transit;
- Assisted other districts for their RRAA overlays;
- Performed 11 miles of mountainous roadside guttering;
- Performed weed abatement in the community of Strathmore;



Crews repaired isolated failed sections of roadway:



Crews performed bank repair in the Camp Nelson area:



## **ROAD DISTRICT 2:**

Activities in June include:

- Concrete crew completing the ADA ramp at the Swap Meet located on Road 126 at Avenue 413
- Blade patched approximately 5 miles of roads



This district oversaw the Transit facility/Fire station road widening on Road 140 at Avenue 256



#### DISTRICT 4:

Activities in June include:

Lead District to assist Code Compliance with marijuana eradication in Badger and London



Assisted District 2 in tree removal:



- Patched a total of **19,200** potholes;
- Performed over 7 miles of mowing and weed abatement at 6 locations;
- Responded to 5 requests for litter removal.

#### **DISTRICT 5:**

Activities in June include:

- Performed 14 days of blade patching overing about 6 miles of roads;
- Emergency call-out for road wash-out in the Posey area;
- Performed 10 days of pothole patching covering about 64 miles with **18,800** potholes filled;



Crews continued tree trimming



Crews continued the production of asphalt material to be used for blade and overlays



## TRAFFIC CONTROL:

### SIGN MAINTENANCE

Work Performed	Total	Percent Increase/Decrease(-) from Prior Month
New signs installed	28	100%
Routine maintenance of signs	56	-46%
Vandalized signs repaired/replaced	76	-25%
Worn traffic signs repaired/replaced	56	-50%
Miles of Road striped	71	154%
Stencils installed (Sq ft)	2217	-26%
Traffic signal repair	3	50%
Illegal signs removed from R/w	10	-50%

#### Activities in June include:

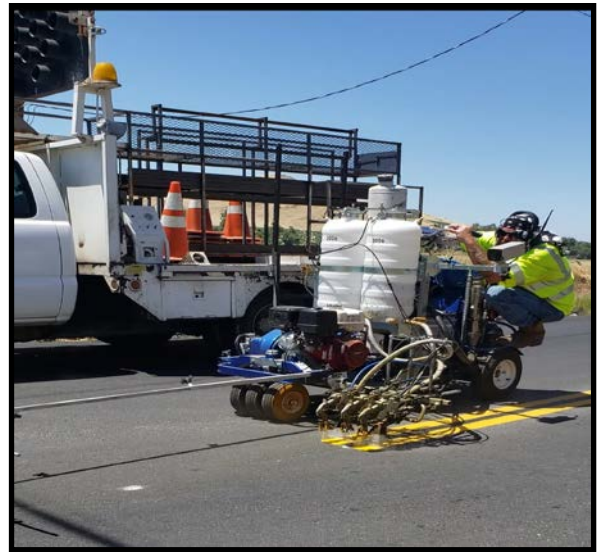
Installed a four way stop control at the intersection of Avenue 256 and Road 124:

Installed a One way Stop control at the intersection of Road 92 and Avenue 276



Installed a 4 way stop control at the intersection of Avenue 196 at Road 196

In collaboration with Group 2 for their upcoming contract project to improve Worth Drive in East Porterville, Traffic Control staff installed temporary striping using their newly purchased ride-along striper:



Removed existing “No Parking/Bike Lane” signs and relocated them to existing street light post to accommodate Irrigation District top of bank maintenance:

- Crews responded to 9 after-hour call-outs for Stop signs down or signal malfunctions;
- Crews continued night-time driving to inspect signs for reflectivity.

#### **TRAFFIC DIVISION:**

- Staff reviewed constituent requests for Stop signs, speed advisories, etc. as they were received;
- Reviewed traffic studies for the installation of Stop signs for the following locations:
  1. Four way Stop sign installation at the intersection of Cartmill and Oakmore;
  2. Four way Stop sign installation at the intersection of Road 140 and Avenue 248.

#### **SAFETY:**

For the month of June there were 5 claims filed through Risk Management during this reporting period;

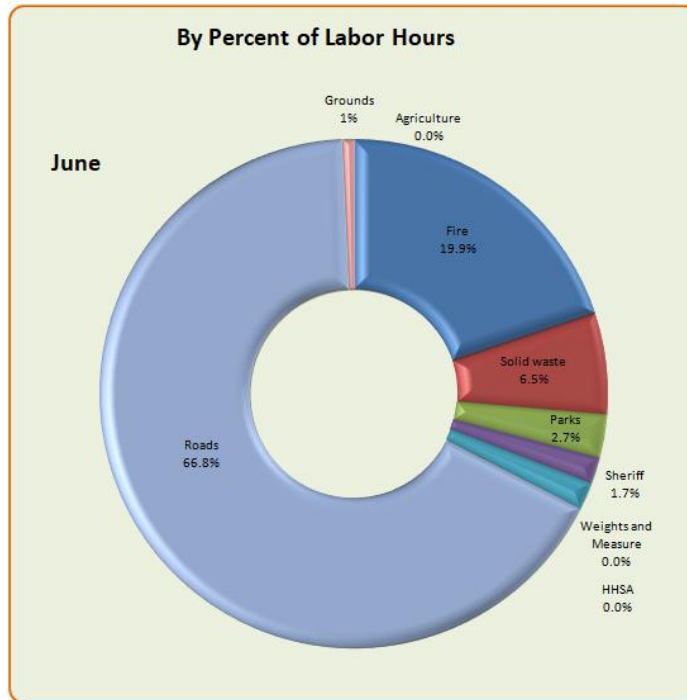
- Field visited 3 locations of work by the maintenance crew to observe safety practices and procedures;
- One CMW Extra Help passed and received his Commercial Class A Licenses to operate equipment.



## HEAVY EQUIPMENT MAINTENANCE DIVISION:

For the month of June, the Heavy Equipment Shop maintained various pieces of equipment for 7 agencies completing 357 work orders for a total of 2,224 hours as shown in the chart below:

Agency	Work Orders	Labor Hours
Fire	45	442
Solid waste	39	144
Parks	13	61
Sheriff	6	37
Weights and Measure	2	38
HHSA	0	0
Roads	246	1486
Grounds	6	16
Agriculture	0	0
Total	357	2224



## ENCROACHMENTS:

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

- Received 27 calls for right-of-way issues and complaints;
- Four (4) new encroachment cases opened;
- Three (3) encroachment cases closed due to compliance;
- Received four (4) calls for alarms tripped at various road yard locations;
- Met one (1) property owner regarding right-of-way encroachment questions;
- Six (6) certified and three (3) non-certified letters sent out to contact property owners;
- Patrolled 1,144 miles of roadway.

## **MANAGEMENT GROUP 2:**

### **BRIDGE PROJECTS**

Construction of the M220 Bear Creek Road Bridge over Rancheria Creek continued during the month of June.

With the completion of all stage 1 post-tensioning operations in May, contractor Agee Construction finished falsework removal, formed and poured concrete barrier rail and pilasters, placed aggregate base material, set all stage 1 temporary asphalt, moved traffic over to the newly completed bridge and began demolishing the existing bridge deck/girders. County staff continues to work with the Tulare Arts Consortium to incorporate artistic tiled panels into the bridge rail pilasters, helping enhance the look and character of the bridge.



During the month of June, staff also worked with Sequoia Riverlands Trust to establish an off-site revegetation contract in accordance with CDFW Streambed Alteration Agreement permit requirements. It is expected that during the month of July the contractor will complete demolition of the existing bridge, perform stage 2 clearing/grubbing, prepare initial grading and initiate pile construction for stage 2 abutments.

During the month of June 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 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 June, 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 couple of months.

Certification of right-of-way for the **M348 over South Fork Kaweah River Bridge** was completed in June. Shortly after certification, staff submitted a request for construction authorization. It is anticipated that construction will start this fall and take approximately 9 months to complete.

Certification of the MND for the **Mineral King (Oak Grove) Historic Bridge** will be approved by the BOS in August. During the months of June/July, additional materials testing investigations will be scheduled to confirm all previous material findings and rehabilitation measures. Construction is anticipated to start in the fall of 2021.

In April, staff finalized and advertised two separate RFPs for the **Mountain Road M109 over White River Bridge** project. One RFP will be used to procure a contract to perform all engineering analysis and design (structural, civil, geotechnical and hydraulics engineering) while another RFP will allow for procurement of an environmental analysis contract used to prepare all environmental documentation (CEQA, NEPA and permitting). During the month of June, staff shortlisted three consultants for each RFP, performed interviews and selected Dokken Engineering for both engineering and environmental portions of the bridge project. In July, staff will begin negotiating with Dokken with the goal of having your Board approve the contracts in September.

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. During the month of April, staff met with FWA and their partners to discuss preliminary design concepts as part of their proposed long-term solution to address the issue of ground subsidence affecting canal deliveries and ways to increase capacities of the canal to original intended flow rates. In June, staff met with FWA to initiate development of a cooperative agreement to establish maintenance responsibilities as well as reimbursement costs for staff review time/involvement. During the month of July, we anticipate preparing a draft agreement with the goal of having your Board approve the agreement in September.

Lastly, during the month of April staff established a Measure R Program Supplement with TCAG to fund the County's under 20-foot Bridge Preventive Maintenance Program (BPMP). During the month of June, staff completed development of the data inventory collection process, and over the next 6-8 months, will begin collecting bridge data via on-site inspections and documentation.

## **ROAD CONSTRUCTION PROJECTS**

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**AVENUE 280 WIDENING PROJECT:** With the project accepted as substantially complete by the Engineer on May 8th, the month of June saw the completion of some minor "punch list" work. In addition, to the remaining street light poles, which need to be installed on the west end of the project, were delivered to the site and are ready for installation. These poles are scheduled to be installed by the Contractor within the next two weeks at which point the project will be fully complete and ready to be taken to the Board of Supervisors for final acceptance. Currently, County staff is continuing to work towards the project closeout including the completion of environmental permit reports and is expecting to deliver the project to the Board of Supervisors for final acceptance within the next few months.

## **SAFETY AND COMMUNITY IMPROVEMENT PROJECTS:**

**Earlimart ATP Sidewalk Improvements** (ATP Cycle 3 Augmentation): Staff is working on the plans for the project, and is planning to meet with the community of Earlimart to provide them an update on the revised project design.

**Allensworth Elementary Sidewalk Project** (ATP Augmentation): Work on the project resumed on June 10, 2019, after an extended period of temporary suspension as requested by the contractor. Since resuming work on the project, the contractor has been able to complete the majority of the work including the completion of asphalt placement, installation of the chain link fencing, and the completion of all remaining concrete work. Before the of the month, the project was accepted as substantially complete by the Engineer and only a few punch list items of work remain incomplete. The contractor is scheduled to complete all punch list items of work within the upcoming week and County staff will begin processing final paperwork and anticipates taking the project to the Board for acceptance within the next 2 months.



**Avenue 152 Safety Improvement Project:** In the month of June the contractor, MAC General continued to progress while awaiting delivery of the signal poles before being able to complete the project. To date, the installation of the left turn pockets at the intersections of Roads 120, 160, 168, 172 and 200 along with the installation of the edge and center line rumble grinding and striping installation between Road 120 and Redwood Street has been completed. In the month of June The Gas Company was on site performing verification work to identify the location of several high-pressure gas lines which were previously found to be in the nearby vicinity of the guard rail shown to be installed at Road 200 and Road 208. After approximately two weeks of line verification, The Gas Company found no conflicts between the existing line and the proposed guard railing; the contractor was able to return to the site to complete the guard rail installation work. Currently the contractor is continuing to work on the traffic signal at the intersection of Road 208. Before the end of the month SCE was able to provide electrical service to the signal meter panel at Road 208. County staff was recently informed that signal poles would be delivered and installed by July 24th. County staff has requested an updated project schedule from the contractor and will be evaluating the impact this will have on the ultimate project completion date. By the end of June the contractor had exceeded the allotted working time on the project, however they are owed several additional contract working days as a result of the delayed guard railing installation caused by The Gas Company. Staff is unsure of the extent of this overage at this time as the contractor has not been able to provide a project schedule outlining the completion of the remaining work. Staff is anticipating that the project may be completed and accepted as substantially complete by the end of July.

**2017 Community Improvement Project - Phase 3:** All work on the project was completed in the month of April. Since this time, Staff has continued working with DOD Construction to acquire all necessary paperwork prior to taking the project to the Board for final acceptance. It is anticipated that the all documentation will be received in the month of July and that the project will be ready to be taken to the Board for final acceptance in the month of August.



**Traver Jacob Street Improvements** (ATP Cycle 2: Construction funds were allocated at the March 13th California Transportation Commission (CTC) meeting. The project was advertised on June 26th, and the bid opening is scheduled for July 18<sup>th</sup>. Construction is anticipated to start late summer 2019.

**Woodville Sidewalk Improvement** (ATP Augmentation-MPO Component): The project was awarded to DOD Construction at the May 21<sup>st</sup> Board of Supervisors meeting. Since the time of the award, County staff has been in contact with DOD Construction to schedule a pre-construction meeting and will begin reviewing project submittals in the coming up weeks. It is anticipated that work on this project will begin in mid-July.

**Worth Drive (M146) Safety Improvement Project** (HSIP Cycle 7: The project was awarded to Safety Striping Services at the May 21<sup>st</sup> Board of Supervisors meeting. Since the time of award, County staff has been in contact with the contractor who has expressed their desire to begin the project in early August. County staff has agreed to the Contractors request and has scheduled a pre-construction meeting for mid-July. In the meantime, the contractor has begun material submittals for review and acceptance in order to facilitate a timely construction schedule once started.

**Earlimart Park Sidewalk Improvement Project** (ATP Cycle 2): The final plans, specs and estimates are complete, and the CTC allocation request was approved by the CTC at the May 15-16 CTC meeting. The Federal E-76 Request for Authorization for Construction has been approved, and the Program Supplement is scheduled for the July 23, 2019 Board meeting. Construction will begin this summer.

**Pixley Main St. Sidewalk Improvement Project** (ATP Cycle 2): Design has progressed to the 100% benchmark where plans, specs, and an estimate were delivered. DSA plan review was determined to be unnecessary by DSA staff. Right-of-way acquisition and utility coordination has been finalized and documented in the right-of-way certification. The right-of-way certification was submitted to Caltrans in time for the CTC meeting that shall occur on June 26, 27. We expect the CTC allocation to be approved at the June 26-27 CTC meeting. Staff will receive an award notification as a result of this meeting. The Auth-To Bid package is ready to be submitted for the BOS meeting on July 23<sup>rd</sup>. The planned construction will take place after the funding is awarded. The planned bid opening for this project is scheduled for August 21<sup>st</sup> at 2:00 P.M. Tentatively, construction will begin in the fall of 2019.

**Alpaugh Center Street Improvements Project** (Measure R): This project includes ADA and related improvements along Center Street from Tule and Ellis Roads in the community of Alpaugh. A 30% scope review meeting occurred on June 20<sup>th</sup> where it was decided what cross section and what type of AC treatment is necessary for the project. The project estimate is still being developed at this point. It was also pointed out to the CM team if personnel could bore the exiting lot that is presumed to be donated by the school for the development of a ponding basin. Once a feasible drainage solution is identified the project will proceed to 60% PS&E development.

**Avenue 144 & Road 96 Safety Improvements Project** (HSIP Cycle 9): This project includes the conversion of a two-way stop controlled intersection into a single lane rural roundabout. Staff has received the initial authorization documents (E-76) for the environmental phase. The program supplement agreement has been submitted to County Counsel to be reviewed and is anticipated to be presented to the BOS on July 30<sup>th</sup>. Initial utility coordination efforts are underway. Thirty-percent plans and submission of the PES document are some of the next milestones for this project.

**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. Final PS&E is

complete, and the project was advertised, and the apparent low bidder notified. The project will begin construction in July/August.

**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 60% PS&E is ongoing. Recently, staff has met with the school superintendent, and a partnering opportunity is currently being discussed to handle the drainage on property currently owned by the school, and possible improvements along the Wilbur Street frontage along the school. This possible solution is still under discussion, and will require approval from the School Board, and County.

**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. NEPA is complete and design (PS&E) and right of way acquisition is ongoing.

**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. The final alignment has been approved, and the project environmental study/document will be initiated.

**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**

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Public Works provided GIS Maps to other branches of the Resource Management Agency. In June 81 maps were provided to the Planners for 14 separate projects.

#### **ENCROACHMENT PERMITS**

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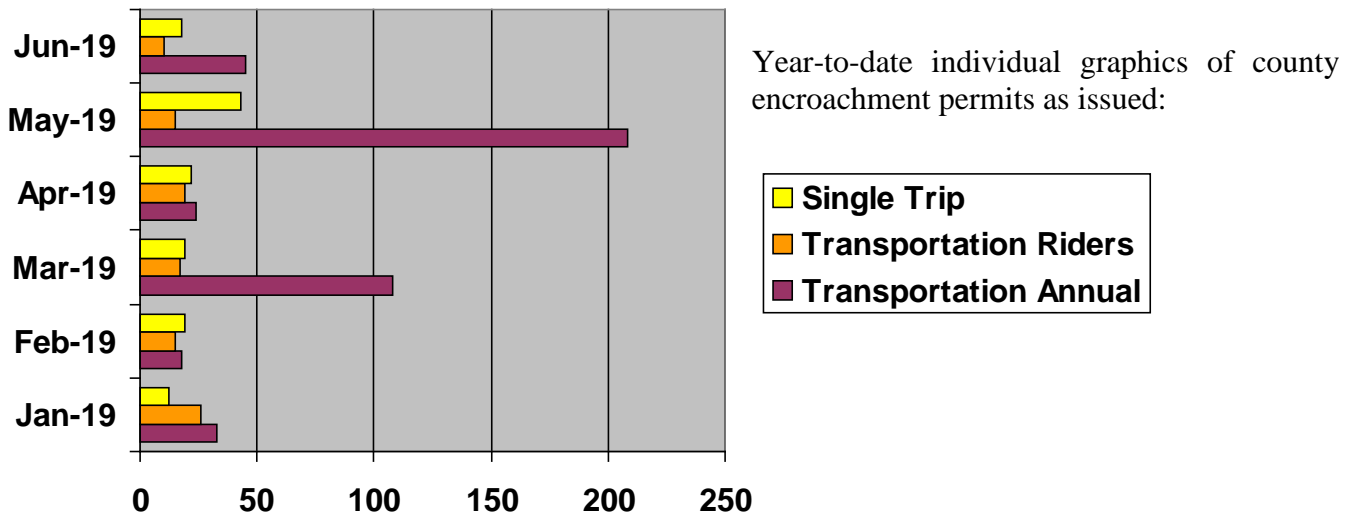
In June staff processed a total of 41 new encroachment permit applications. The permit processing numbers and inspections continue to remain at high demand levels. County inspectors provided oversight and daily inspections for 40-50 daily/recurring active projects, and 4 tracts/parcel improvement projects.

#### **June Permits Processed:**

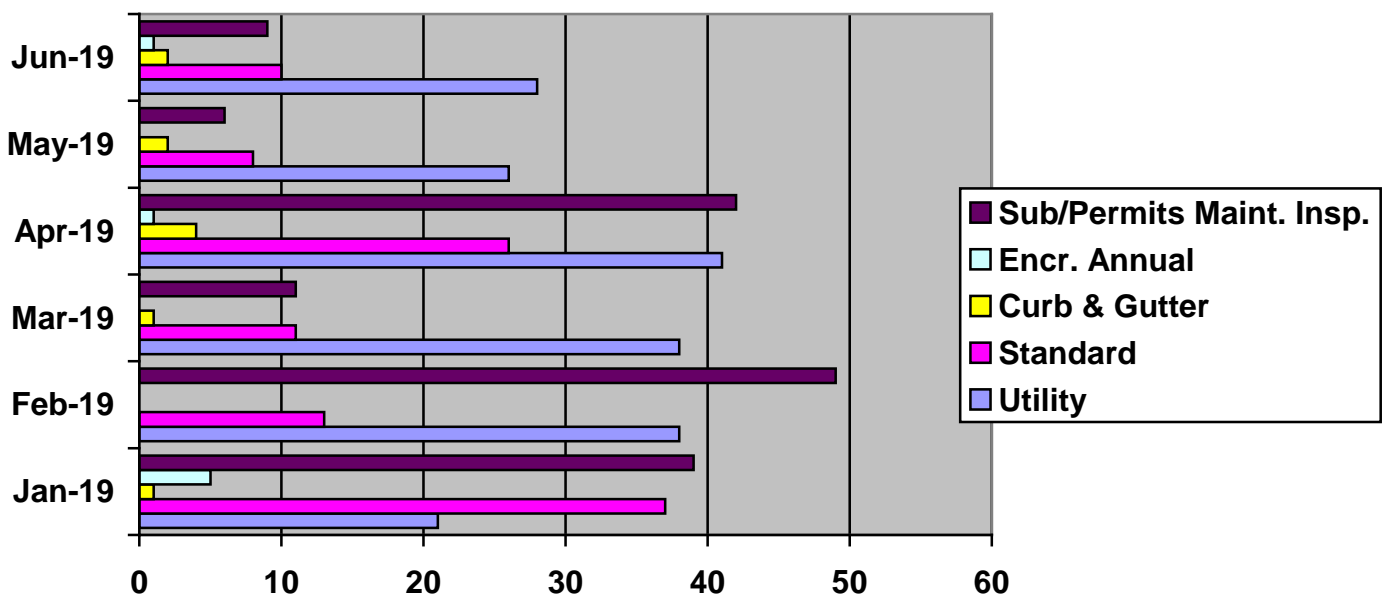
- Processed and issued a total of 73 transportation permits comprised of: 10 rider permits, 18 single-trip permits (including over-sized or overweight loads) and 45 blanket/annual permits;
- Issued 9 sub-encroachment permits for inspections of job sites under utility company annual/blanket maintenance permits, as well as reviewed sites, signing and safety for dozens of short-term repairs;
- Reviewed routing and issued permits for 1 house structure relocations;
- Processed documents, reviewed traffic control plans/routes, and issued 3 special event/parade permits.



Year-to-date individual graphics of County transportation permits as issued:



Year-to-date individual graphics of County encroachment permits as issued:



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

**Edison – ENC1900151 Improvements of Transmission services to the City of Woodlake:** Crews are installing the vaults and conduits moving east toward the City of Woodlake. Beginning on Avenue 344, at the intersection of Road 172, at an existing Edison substation, Edison and their contractors have begun work on the underground improvements to supply additional power to the City of Woodlake. This project will include installing several underground vaults to house equipment and connect conduits, extending from the substation on Road 172 east toward Woodlake, installed on the shoulder until it enters State right-of-way and the City limits of Woodlake near State Route 216. The estimated construction value associated with this project is eight million dollars, (\$8,000,000.00).

Other major repair and retrofitting work continues on Avenue 152, replacing much of the mainline utility poles and hardware along this route and several others within the County. These repairs are being performed under sub-permits of blanket-annual utility permits.

**Tract Map–TSM17-001/ Quail Ranch:** This is a rural subdivision, located on Road 132, east of Tulare and south of State Route 137. Crews are now installing the road section, including base rock and asphalt. The paving should be completed in early July. The initial earthwork and storm drainage pipeline have been completed and curb and gutter constructed along the new Avenue and Road 132. Common utility trenches are now being installed, with services being bored under Road 132. The County inspectors will be providing oversight for all infrastructure improvements; including electrical, natural gas, and telecommunications. Also included are curb and gutter and storm drain and paving improvements.

**Richgrove Community Park project:** *ENC1900251 / ENC1900266*

Work has begun on this community project, with encroachment projects for standard infrastructure, (water, sewer, etc.); also curb, gutter and sidewalks will be installed with ADA accessibility for the Richgrove community. Working together with SCE and sub-contractors performing onsite work, the County inspectors are testing compaction and overseeing the portions of work within the County maintained right-of-way.

**Parcel Map Improvements/Sequoia Commons (Self-Help Enterprises):** These parcel improvements are along Riggin Avenue in the Goshen area, and will also be constructing a new road, Florence, intersecting with Riggin, (Florence is now in the beginning stages of the substructure and road section work). 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. Work continues on site and is just initiating in the future right-of-way areas.

**Tract Map–789/Goshen Village Phase 1:** Few changes have occurred this month as completion of the model homes for public viewing has taken priority. Construction of the portion of the tract along Avenue 310 in Goshen has progressed; curb and gutter will be installed soon; model homes are nearing completion. 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 on the underground improvements to the internal portion of the tract is substantially complete. County inspectors have been 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, compaction testing and paving sections, curb and gutter, sidewalks and all ADA installations.

**Tract Map-TSM16-002/Kingsburg Hash Subdivision:** *ENC1900042:* Crews are at work installing the sewer main pipeline 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 are providing oversight for water main pipelines, 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. Model homes have been constructed and are substantially complete at this time. Some curbing has been poured as well. 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. The water pipeline will begin soon on Avenue 396, with daily closure due to its depth of approximately 20 feet.

## **Special Events in June:**

- Pixley School District's - ASES 5k Run June 8<sup>th</sup> (as approved by the Board of Supervisors);
- Pixley Middle School Graduation Event- June 10<sup>th</sup>;
- Golden West High School Trailblazer 13<sup>th</sup> annual Bike Ride- June 22<sup>nd</sup>.

## **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 and below the High Speed Rail alignment. County staff has completed the review of the right-of-way transfer agreement and has provided this agreement to Counsel for approval. Staff is currently scheduled to present the right-of-way transfer agreement to be Board of Supervisors in the month of July.



Corrective action work was completed on Avenue 120 and the work appears to be acceptable to County staff. Staff is awaiting as-built and material testing reports from the HSR contractor prior to providing a letter of acceptance for the roadway. In the month of June, the contractor notified the County that re-construction work on Avenue 24 has been delayed due to ongoing monitoring of species at the request of CDFW. The HSR contractor is continuing to send over material submittals for the water main installation work in anticipation that the project will environmentally be cleared by the end of July.

## **TREE MORTALITY**

Tulare County Fire hand crews felled 465 high hazard trees in the Pierce Valley Drive (Eshom Valley) area in June.

## **MANAGEMENT GROUP 3:**

### **AIRPORT**

The PAPI lights for Sequoia Field have been ordered. Staff will rebid the Navigational Aids project for which the PAPI lights will be furnished by the County to the contractor in compliance with FAA bidding requirements. The expected arrival of the PAPIs is late July. Staff are currently preparing the bid documents so that the Navigational Aids project can be re-bid. It is the intent of RMA to advertise the project once further confirmation is received that the PAPIs will be delivered by the end of July. Staff anticipate a four-week advertisement of the project. Staff are working with the FAA to close out the Airport Layout Plan (ALP) grant and expect to have the project closed out by mid-July.

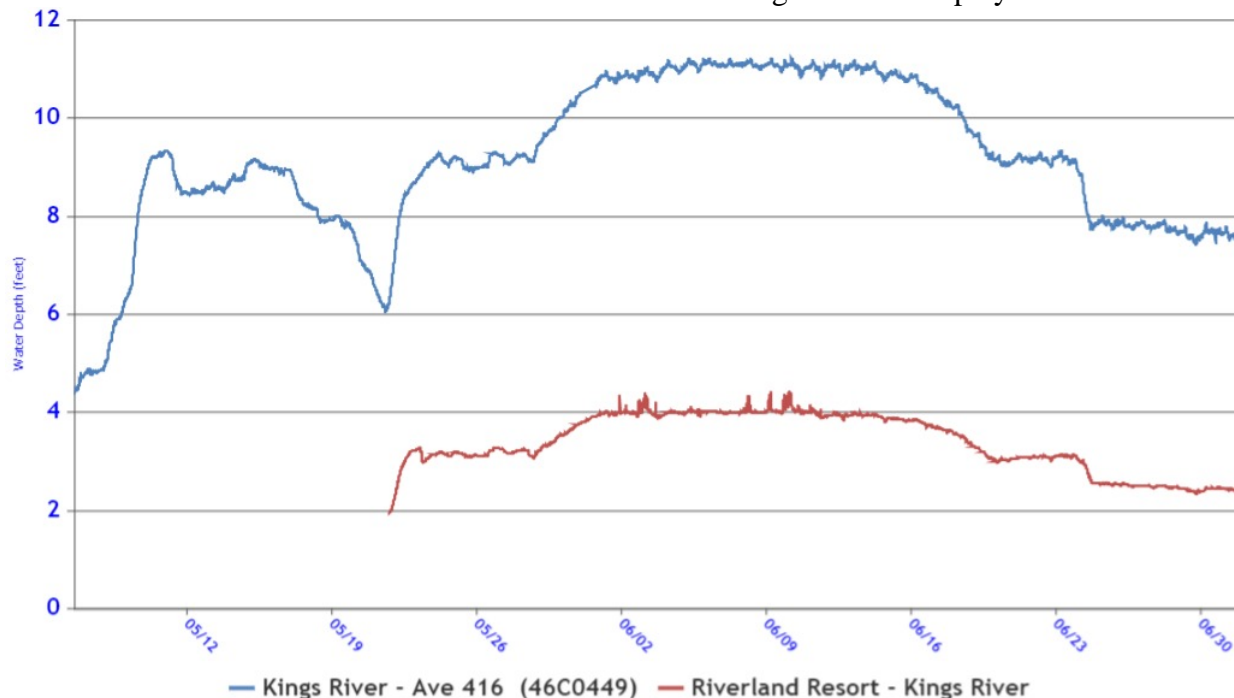
### **FLOOD CONTROL**

The Bureau of Reclamation Encroachment Permit Application for the Strathmore Frazier Creek Project has been submitted, which is one of the final steps required to construct the Project. The environmental consultant has delivered the Environmental Assessment and it was submitted with the permit along with the 95% completed plans.



All of the Tolthawk devices have been installed and are proving to be extremely valuable. On the Kings River, the flooding has been monitored successfully and new information generated that will help manage flooding in the future. OES has purchased four additional units that will be placed at strategic locations to aid in future analysis of flooding hot spots in the County. The units were delivered but modifications were required for them to be used in the existing bracket. The data for the currently installed sensors is live and available to the public at: <https://sensors.tolthawk.com/Home/Dashboard?regionId=3>.

Kings River flooding was closely monitored by several entities including County Fire, County Sheriff, OES and RMA. The latest information for the two sensors on the Kings River is displayed below:



Much was learned about the Kings River during this incident which will be applied to future flood conditions. As a result of information provided by the County combined with data from the level sensors, the National Weather Service has reclassified the levels at which flood warning will be issued for the Kings River through Tulare County. The Army Corp may have used the sensor data combined with information and pictures of flooding to assist in setting discharge levels during the event, lessening the impact of the downstream flooding.

## ZONES OF BENEFIT

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

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

On Sunday, June 23, 2019 the Seville Water system experienced intermittent water outage due to system use exceeding the available supply. These outages are temporary and water is restored once the storage tank fills to a level that is safe for equipment to operate. Due to the possibility of disruptions in service in Seville, 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 Consumer Confidence Reports for Delft Colony, Yettem, and Seville water systems for the 2018 calendar year have been finalized, submitted to regulators, mailed out to water users, and posted in public locations.

The table below summarizes the water production and wastewater treatment for the month of April, 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 May 2019				
Sewer Systems			Water Systems	
Total Monthly Flow (Gallons)		% Capacity	Total Monthly Flow (Gallons)	
Delft Sewer	767,446	43%	Delft Water	1,984,000
Seville Sewer	776,020	50%	Seville Water	1,873,500
Yetter Sewer	801,295	62%	Yetter Water	1,162,900
Wells Tract Sewer	544,000	92%	Wells Tract Water	1,480,000
Tonyville Sewer	409,130	19%		
Tooleville Sewer	698,647	64%		
Traver Sewer	1,245,766	45%		
TBSMD	3,482,106	37%		
El Rancho Sewer	Treatment provided by City			
TOTAL 8,724,410			TOTAL 6,500,400	

## **WATER/SEWER PROJECTS**

Construction of the Phase 1 of the Yettem-Seville Water System Improvement Project is ongoing. The contractor continues to work on the tank site and the construction of the distribution system. The contractor has been paid for 14.65% of the contractor amount for work completed before June 30<sup>th</sup>, and is scheduled to reach substantial completion in September. Staff have prepared the notices necessary to begin the Prop 218 process for rate increases in Yettem and Seville Water to allow for the future transfer of the systems to the Yettem-Seville CSD.

Staff continue to work with AECOM on the Traver Wastewater Improvements Project. Additional information is being provided to the consultant and additional alternatives are being added to the study, providing the County more options to consider for sewer treatment.

## **TRANSIT**

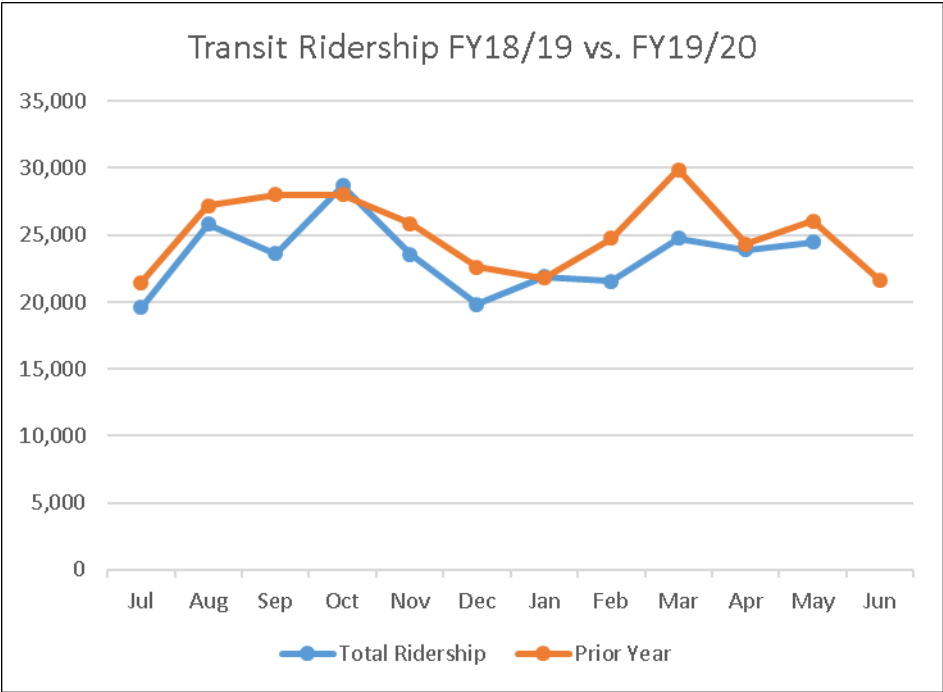
Staff met with seniors at the Porterville and Lindsay senior centers in June to meet and obtain passenger and community feedback regarding proposed expansion and route changes in the southeast County, including expanding Route 80 Terra Bella to pick up in Ducor, adding the South County Detention Facility, and modifying services in Lindsay.

Transit staff applied for a Low Carbon Transit Operations Program (LCTOP) in the amount of \$436,596 for on-board components that will include surveillance cameras, solar lighting and automatic passenger counters. The grant will also pay for 150 upgraded bus stop signs and a seven large real-time LED signs that will be placed at various transit agencies where TCaT connects with the cities.

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. Due to the reporting deadlines as per contract, this report will present the data received during the reporting month. As such, the chart here shows data for April. This data shows a

decline in ridership as compared to the previous year, both in terms of the month-to-month comparison with the previous year and as a fiscal-year-to-date comparison with the previous year. This drop is consistent with reports of other agencies throughout the state and country.

	May	Prior May	Change	YTD	Prior YTD	Change
Total Ridership	24,470	25,874	-5.43	259,266	276,241	-6.14%
Fixed Route Ridership	23,803	25,155	-5.37%	252,545	269,161	-6.17%
Demand Response Ridership	667	719	-7.8%	6,721	7,080	-5.07%
Fixed Route Mile per hour	28.42	28.2	.78%	28.26	28.34	-.28%
Demand Response passenger per hour	1.59	1.69	-5.92%	1.67%	1.71%	-2.34%



**TOMF and CNG Fueling System Project**

In June construction continued to progress to the satisfaction of the County. The contractor has continued to progress with the installation of the Maintenance Building and is approximately 95% completed with work, continuing on the HVAC, plumbing, drywall, mechanical, and electrical work items. It is anticipated that the building will be fully complete by the end of next month. Within the Operations building the installation of several finishings continued to progress as the contractor was able to install all interior doors, complete the touch up paint throughout, and complete the prep work on the concrete floors for the application of flooring throughout. By the end of July the contractor should be fully complete with the construction of the Operations Building. By the end of June contractor was able to complete the majority of the concrete improvements throughout site and is scheduled to proceed with the installation of the site paving in July. The domestic gas service was brought into the site by The Gas Company and the electrical sub completed the installation of the SCE meter panel and will be requesting electrical service before the end of July. Based on the contractor's current schedule, the project should be completed near the end of the summer.

During the month of June County forces (under the direction of MG I) were on site to perform roadway widening work on Road 140 to accommodate an acceleration and left turn lane to improve access to the TOMF facility.



County crews were responsible for the approximately 800' feet long segment of widening which was successfully executed within a three week time frame. With the completion of this work, the TOMF contractor is now able to move forward with the construction of the drive approaches to Road 140 in the upcoming month.

The CNG Fueling System project was awarded to Hobbs Construction at the May 7, 2019 Board of Supervisors meeting. At this point in time County staff is in the process of scheduling a pre-construction meeting and establishing a date to issue the NTP. Ongoing construction with the TOMF project is a critical item of consideration as it is the intent of County staff to have Hobbs Construction start at a point in time that will not interfere with the work being performed by the TOMF contractor.

**MANAGEMENT GROUP 4:**

**SURVEYOR’S OFFICE**

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

Record of Survey	36	Public Document	33
Parcel Map	23	Building Permit Review	80
Tract Map	5	Improvement Agreement – Long	2
Merger of Parcels	2	Corner Record	93
Lot Line Adjustment	4	Certificate of Compliance	1
Elevation Certificate	9		

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

2019 RRAA Project 1	HSIP Cycle 7 Avenue 232
2019 RRAA Project 2	HSIPL Avenue 152 Safety
2019 RRAA Project 3	Ivanhoe Road 159 and Azalea
Kings River Flooding	Avenue 280 Widening
Park Road PVAE Agreement	Bridge Avenue 108 Lakeland
Bridge Avenue 276, Traver	RMRA 19 Road 192
Bridge Balch Park/Bear Creek	RMRA 19 Road 204
Earlimart Sidewalk Improvement Project	Transit Operation & Maintenance Facility
Encroachment (multiple)	

Respectfully submitted,

**Reed Schenke**

REED SCHENKE, PE  
Director

RS/nw

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

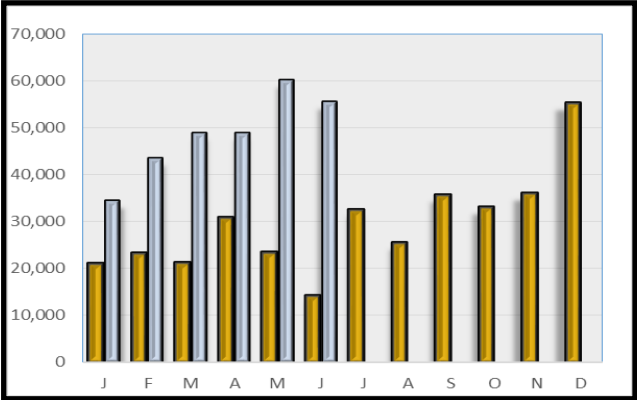
# Tulare County RMA – Road Maintenance Activities

## June 2019

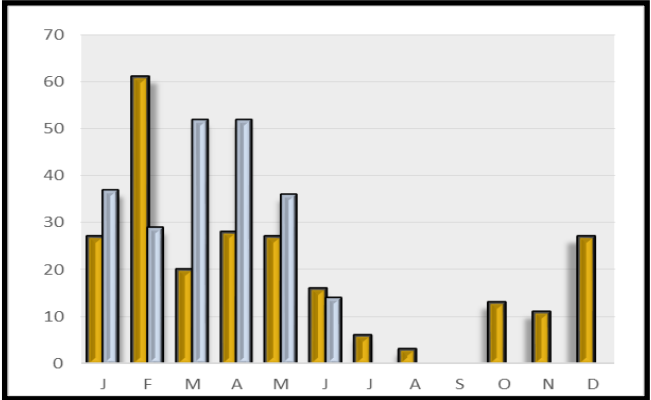


Gold = 2018    Grey = 2019

Potholes Patched

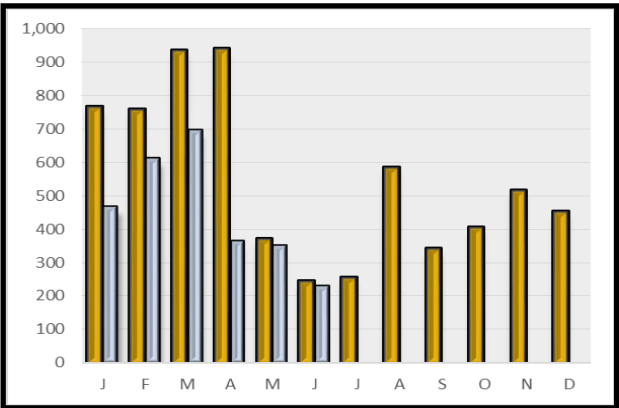


Shoulder Maintenance

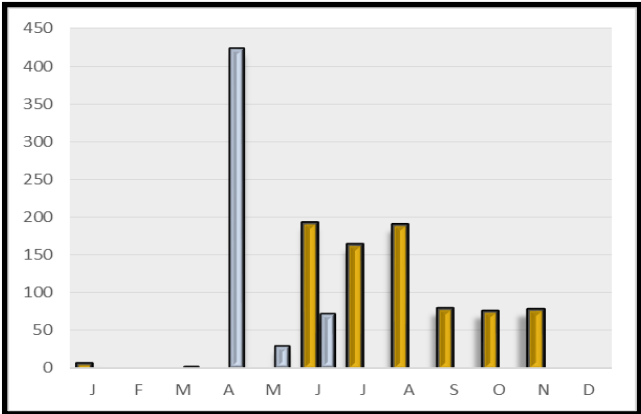


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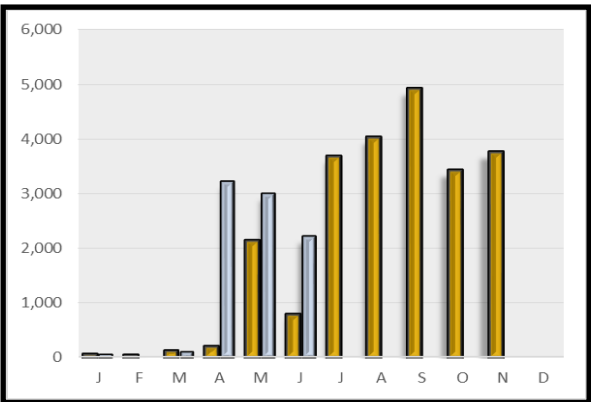
Traffic Signs



Blade Patch



Road Stencil



Road Stripe

