



RESOURCE MANAGEMENT AGENCY

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June 4, 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 May 2019.

AVENUE 280 WIDENING PROJECT COMPLETE



The County's Avenue 280 Widening Project broke ground on August 23, 2017. The need for the project arose from year 2035 traffic forecasts that predicted increased use of the Avenue 280 corridor and resultant congestion. This project turned an approximately 2 mile stretch of an existing two lane roadway into a four lane divided roadway from State Route 99 to Road 100 (Akers) near the westerly limits of the City of Visalia. This is the first phase of the overall project to widen approximately 12 miles of the Avenue 280 corridor with the Cities of Visalia, Farmersville and Exeter to the east, acting as the lead agencies for other phases within their respective cities. Avenue 280 is the major arterial that links State Route 99 to

unincorporated areas of the County. In addition to the widening, this project included a Class 2 bicycle lane along the corridor, a Class 1 pedestrian and bicycle facility to the southwest of Shirk Road, a storm drainage system from State Route 99 to Aspen Street, decorated raised median, and street lighting. The Avenue 280 Signal at Shirk is now fully open to traffic without restriction. The remaining street lights will be placed once the SCE issues have been resolved with staff and a Notice of Completion taken to the Board of Supervisors.

M220 BEAR CREEK ROAD BRIDGE OVER RANCHERIA CREEK

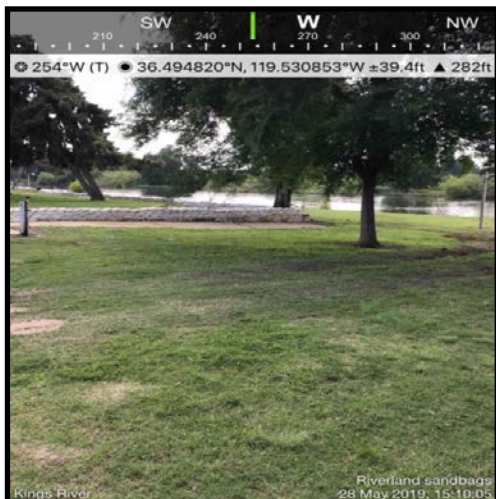
Construction of the M220 Bear Creek Road Bridge over Rancheria Creek continued during the month of May. Contractor Agee Construction completed all post-tensioning operations in May. The contractor also began removing falsework, started formwork for the concrete barrier rail, poured the backwalls and wingwalls, and began preliminary roadway operations. 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 April funding for the revegetation portion of this project was authorized and staff processed the Program Supplement during the month of May for approval at the May 21st BOS meeting. Once the Program Supplement is fully authorized by Caltrans, staff will be working with Sequoia Riverlands Trust to establish an off-site revegetation contract in accordance with CDFW Streambed Alteration permit requirements.



MANAGEMENT GROUP 1:

During May Road Maintenance Crews performed the following work:

1. Due to an unusual weather pattern at the latter part of May, the maintenance crew plowed snow to open the Western Divide (M107) and M50;
2. Fluctuation of flow depth at the low water crossing located on Road 88 north of Avenue 56 has kept the crossing closed for traffic;
3. Staff continued to provide assistance to Code Compliance for marijuana eradication;
4. Met with CHP to discuss concerns regarding roadway accidents and requests for signage to improve traffic safety. These meetings have created a good working relationship;
5. Road crews continued to complete RRAA overlay projects prior to the end of the fiscal year;
6. Personnel from each road yard and surveyors from Group 4 were on-hand to begin the process of monument restoration;
7. Provided logistic support to the Fire Department for the delivery of sandbags along the Kings River;

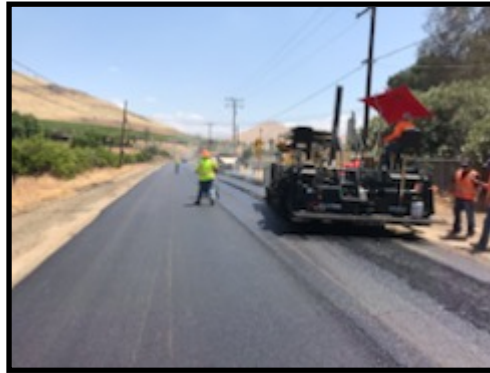


Graphs showing a comparison of the work performed in 2018 and 2019 by the Roads Department is attached to the end of this report.

ROAD DISTRICT 1:

Activities in May include:

- Completed an overlay project on Worth Drive from Road 278 to Road 284 in preparation for contracted installed safety appurtenances such as centerline rumble strips and upgraded signage:



Installed a bus shelter for Group 3 (transit) in the community of Woodville:

Continued to overlay roads earmarked to be completed prior to the end of the fiscal year



Continued shoulder maintenance

- Continued the work of discing and mowing shoulders for weed abatement;
- Responded to 7 locations for mudslides, rockslides and/or trees down.

ROAD DISTRICT 2:

Activities in May include:

- Installed and repaired eroded creek banks on Deer Creek at Road 88 near the Pxiley Wildlife Refuge:

The concrete crew completed the work of installing an ADA ramp in Strathmore located across from the High School on Avenue 196:



Completed a constituent requested road repair:



DISTRICT 4:

Activities in May include:

- Assisted Code Compliance with marijuana eradication
- Provided logistical support to deliver sandbags to Riverland, Royal Oaks Campground and the vicinity of the Kings River Golf course.
- Completed trimming, mowing, and weed abatement for 6 locations within the district;

Continued to perform blade patching and overlays:



- Patched approximately 23,909 potholes (this month's winner of the most patched in a District);
- Responded to 5 call-outs for litter clean-up.

DISTRICT 5:

Activities in May include:

- Blade patching, dig-outs and overlays continues;



- Performed 11 days of pothole patching covering about 108 miles with 21,600 potholes filled;



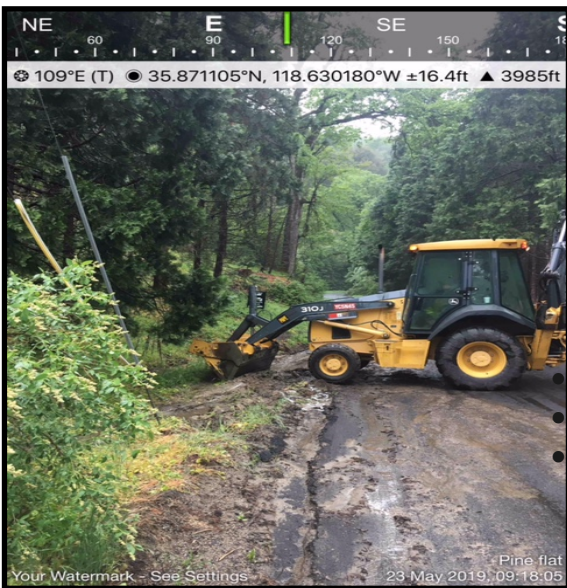
Repaired a sinkhole on Avenue 104 near Road 152:



Repaired damaged guardrails on M137 (Reservation Road):



Plowing snow in late May



Performing gutter work in the mountainous areas of the district due to heavy storm run-off

Continued tree trimming in community of Terra Bella



TRAFFIC CONTROL:

SIGN MAINTENANCE

Work Performed	Total	Percent Increase/Decrease(-) from Prior Month
New signs installed	14	-55%
Routine maintenance of signs	104	-23%
Vandalized signs repaired/replaced	102	-24%
Worn traffic signs repaired/replaced	111	136%
Miles of Road striped	28	-93%
Stencils installed (Sq ft)	2993	-7%
Traffic signal repair	2	0%
Illegal signs removed from R/w	20	33%

Activities in May include:



Installed “Deaf Child Near” signs per a constituent request while attending the Plainview Community Outreach meeting.

- Installed double flashing beacons on Avenue 256 at Sierra View School to improve for traffic safety and awareness at the request of the school;
- Improved signage at the intersection of Indiana and Teapot Dome per constituent and Board requests;
- Partnered with the community of Earlimart and the Rotary Club to fabricate and install an “Adopt A Neighborhood” sign;
- There were a total of 7 after-hour call-outs for Stop signs down or signal malfunctions;
- 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;
- Submitted for Board approval the following agendas for Stop sign installation:
 1. Four way Stop on Avenue 256 at Road 124;
 2. One Way Stop on Avenue 320 at Mountain View Road;
 3. One Way Stop on Avenue 308 at Effie Drive in the community of Goshen.

- Review traffic studies for the installation of Stop signs for the following locations:
 1. Four Way Stop on Road 196 at Avenue 196 in the community of Plainview;
 2. One Way Stop on Avenue 276 at Road 92 per request from CHP.

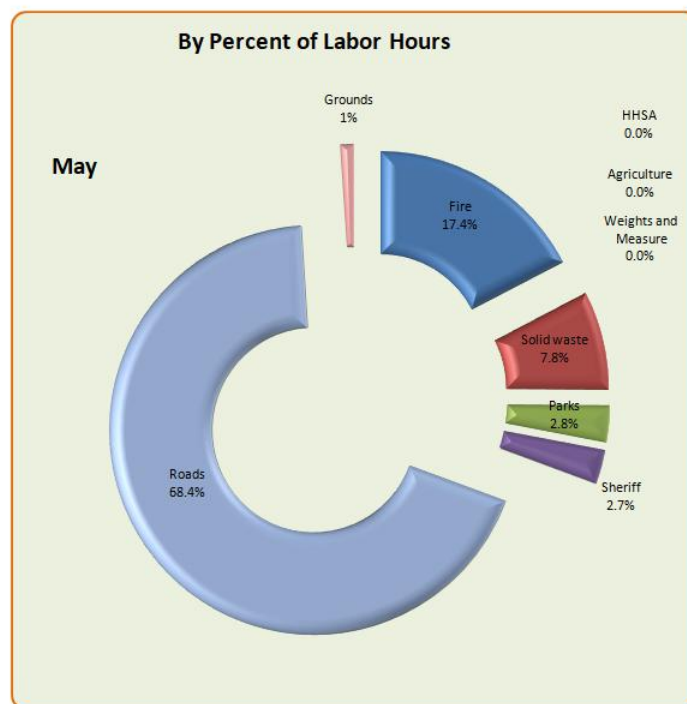
SAFETY:

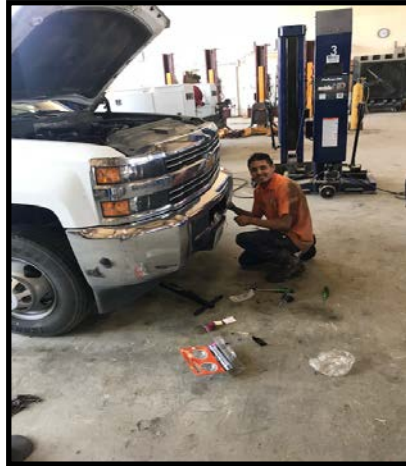
- For the month of May there were 5 claims filed through Risk Management during this reporting period;
- Visited 2 road maintenance district yard offices for their Monday morning safety meetings;
- Field visited 8 locations of work by the maintenance crew to observe safety practices and procedures;
- One CMW II passed and received his Commercial Class A Licenses to operate equipment. He previously had a Class B license.

HEAVY EQUIPMENT MAINTENANCE DIVISION:

For the month of May the Heavy Equipment Shop maintained various pieces of equipment for 6 agencies completing 387 work orders for a total of 2,400 hours as shown in the chart below:

Agency	Work Orders	Labor Hours
Fire	46	417
Solid waste	47	186
Parks	16	68
Sheriff	8	64
Weights and Measure	0	0
HHSA	0	0
Roads	265	1641
Grounds	5	24
Agriculture	0	0
Total	387	2400





ENCROACHMENTS:

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

- Received 57 calls for right-of-way issues and complaints;
- Five (5) new encroachment cases opened;
- Five (5) encroachment cases closed due to compliance;
- Received 8 calls for alarms tripped at various road yard locations;
- Met with property owners regarding right-of-way encroachment questions;
- Coordinating with the road yards for the installation of security cameras
- Patrolled 2,321 miles of roadway.

MANAGEMENT GROUP 2:

BRIDGE PROJECTS

During the month of May, 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 May, 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 right-of-way for the **M348 over South Fork Kaweah River Bridge** is anticipated by mid June. Following right-of-way certification, staff will submit the 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 June. 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 May, staff received consultant proposals and began the Qualifications Based Selection process.

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 will be working with FWA to coordinate and develop a cooperative agreement to establish maintenance responsibilities as well as reimbursement costs for staff review time/involvement.

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). With the funding now established, staff will begin developing a data inventory collection process (approximately 6 months) followed by bridge data collection via on-site inspections and documentation (approximately 8 months).

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. Staff is continuing work with the Contractor to ensure that all final paperwork for the project has been submitted and is working on the Notice of Completion. Staff is scheduled to take the Notice of Completion (NOC) to the Board of Supervisors for formal approval on June 4th.

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): The project currently remains on temporary suspension. The contractor is scheduled to resume work on the project on June 9th and will have 2 weeks to complete the roadway and fencing work. County staff has requested an updated construction schedule from the contractor prior to resuming work.

Avenue 152 Safety Improvement Project: In the past month, the contractor, MAC General, has made great progress at the intersection of Road 208. The intersection has been fully widened to accommodate the proposed signal and the contractor has completed the majority of the underground work for the signal. Currently the contractor is installing signal foundations and setting the signal controller and service pedestal. Once this work is complete it is anticipated that the contractor will be requesting temporary suspension of the project to allow time for signal poles to be delivered to the project site. While work progressed on the Road 208 intersection the contractor also completed the rumble strip grinding throughout the site and is scheduled to re-stripe the entire stretch of Avenue 152 in early June. While installing guard railing at Road 200 The Gas Company would not allow digging in the area to progress without verifying the exact location of the high pressure gas line. After negotiations, The Gas Company ultimately agreed to perform potholing throughout the site to verify the exact location of the high pressure main. As this verification work progresses the Contractor may be subject to additional working days which may delay the ultimate completion of the project. Staff is continuing to work with The Gas Company to limit the delay as much as possible.

2017 Community Improvement Project - Phase 3: This project was completed at the end of April and Staff has been 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 and the project will be taken to the board within the next 2 months.

Traver Jacob Street Improvements (ATP Cycle 2): Construction funds were allocated at the March 13th California Transportation Commission (CTC) meeting. An Agenda Item for Authorization to Bid is going to the Board of Supervisors meeting on the June 18th. The project is anticipated to be advertised in June and go to construction in late summer 2019.

Woodville Sidewalk Improvement (ATP Augmentation-MPO Component): The project was advertised on March 27th and bids were opened on April 17th. A total of six bids were received and DOD Construction was determined to be the lowest bidder. The project was awarded to DOD at the May 21st Board of Supervisors meeting.

Worth Drive (M146) Safety Improvement Project (HSIP Cycle 7): Bid opening for the project was conducted on April 17, 2019 at the Board of Supervisors office. Total of 2 bids were received for the project and the lowest bidder was Safety Striping Service, Inc. Staff is working on the contract documents and planning to go to board on May 07, 2019 for authorization to award.

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 is currently being processed by Caltrans Headquarters. Following receipt of the E-76, and Program Supplement, the project will be advertised, awarded, and will begin construction 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. The date for the DSA Plan review initiated on Monday, May 28, 2019. It is understood that DSA staff will provide recommendations to the plans and specifications within a time frame of six weeks. Bluebeam software is to be used to collaborate with DSA staff in order to finalize this review by mid-July. Right-of-way acquisition and utility coordination has been finalized

and documented in the right of way certification. The ROW 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 meeting. The planned construction will take place after the funding is awarded. 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. 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. A field meeting was conducted with County staff and Dr. Gary Meekel, Superintendent of Alpaugh Unified School District. In the meeting, Dr. Meekel expressed his concerns for the kids walking to school and how the drainage issues are causing a problem around the facility. It was mentioned in the meeting that he will make an effort to convince the school board to donate a vacant property lot owned by AUSD. This meeting is scheduled to happen before the end of July. 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 letter is anticipated to be received in the upcoming week. Initial utility coordination efforts are underway. Thirty-percent plans is one 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. Utilities are in the process of moving facilities to clear the project improvements. Once the contract is executed, 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 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. 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. The preliminary environmental study (PES) has been submitted to Local Assistance, and staff is currently awaiting their response/feedback. 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. 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

Public Works provided GIS Maps to other branches of the Resource Management Agency. In May 52 maps were provided to the Planners for 12 separate projects.

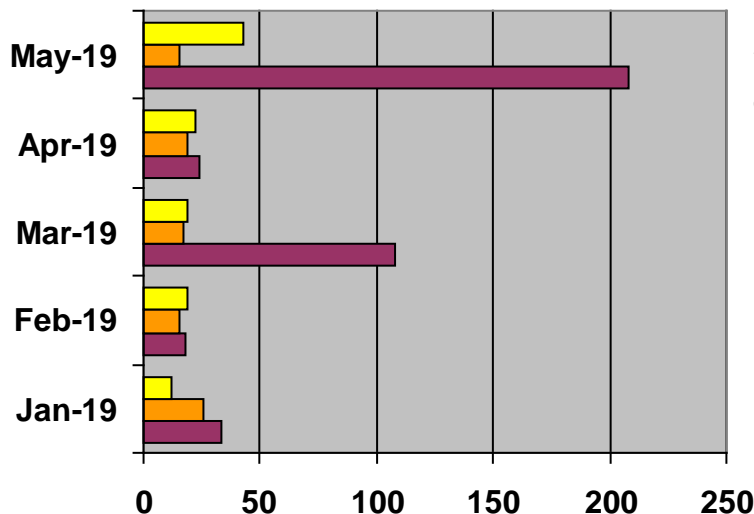
ENCROACHMENT PERMITS

In May staff processed a total of 36 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. As the weather allows, many projects in the mountain area are beginning to resume, with special focus on updating utility services, including pole replacement and fire tender clearing.

May Permits Processed:

- Processed and issued a total of 266 transportation permits comprised of: 15 rider permits, 43 single-trip permits (including over-sized or overweight loads) and 208 blanket/annual permits;
- Issued 6 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 2 house structure relocations;
- Processed documents, reviewed traffic control plans/routes, and issued 3 special event/parade permits.

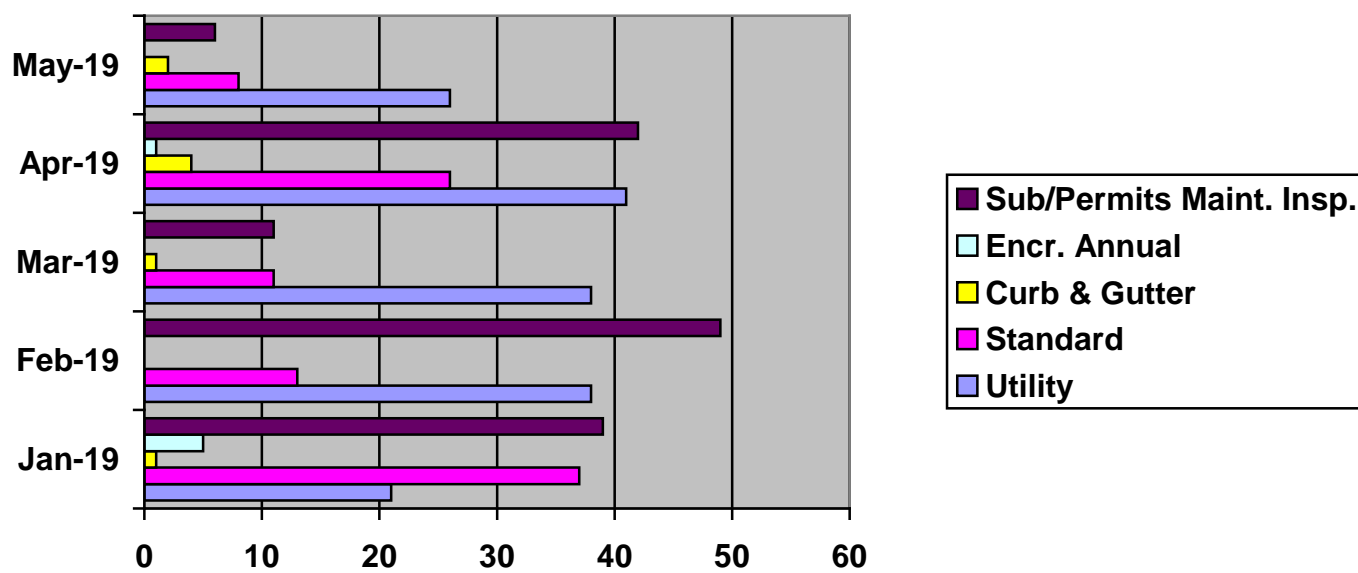
Year-to-date individual graphics of county transportation permits as issued:



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



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: Beginning on Ave 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 towards 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 is being performed on Ave 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. 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 S.C. Edison 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 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. Work continues on site and is just initiating in the future right-of-way areas.

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, 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 is now underway on the underground improvements to the internal portion of the tract, much of which is substantially complete. County 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, compaction 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 are providing oversight for water main pipelines (currently under construction), 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. The water pipeline will begin soon on Avenue 396, with daily closure due to its depth of approximately 20 feet.

Special Events happening in May:

The Hungry Buzzard Bike Ride - *SPEV1900003* - Occurring in the area of Woodlake, with a route that runs through the foothills of Tulare County and up to Badger, CA, this event occurred on May 18th, from 6:30 am through 6:00 pm. The event was sponsored by Sequoia Kiwanis of Visalia and is a long-standing and ongoing event held each year.

The Oakieville Community Water Pipeline and Well Project Upgrade: Final walk-thru inspections are complete. The right-of-way portions of this project have been accepted. 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-affected systems. The project has placed the main pipeline on County right-of-way and installed the service valves and lines.

TREE MORTALITY

Tulare County Fire hand crews began their training in May and will begin felling trees in June.

MANAGEMENT GROUP 3:

AIRPORT

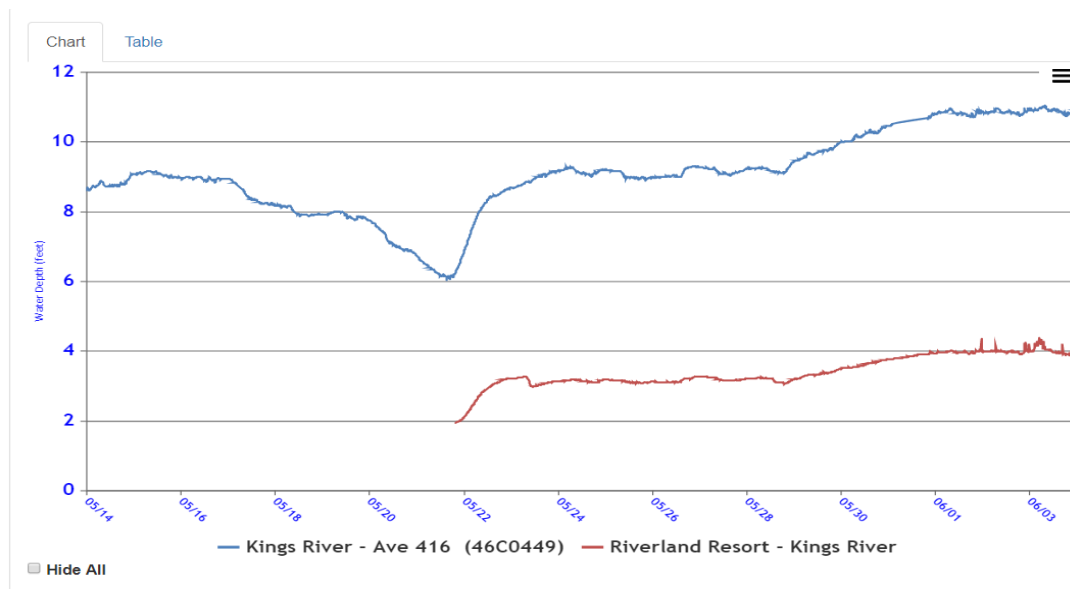
The PAPI lights for Sequoia Field have been ordered. Staff will rebid the Navigational Aids project for which the PAPI lights will be furnished by the County to the Contractor in compliance with FAA bidding requirements. Staff are currently preparing the bid documents so that the Navigational Aids project can be re-bid. Staff continue to work with the FAA to finalize the Airport Layout Plan (ALP) and closeout the related grant.

FLOOD CONTROL

The Bureau of Reclamation Permit for the Strathmore Frazier Creek Project is being internally reviewed and will be submitted in early June. The environmental consultant has delivered the Environmental Assessment and the document has been revised and is currently under final review. The 95% completed plans will be submitted with the permit application and Environmental Assessment this week.

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 data for the currently installed sensors is live and available at: <https://sensors.tolthawk.com/Home/Dashboard?regionId=3>.

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



Current Status:

Lindy's Landing - lower level is 100% inundated.

Golf Course - water is in the cart shack.

Royal Oaks - is currently ~40 to 50 % flooded at the south end of the property, only a few trailers left not moved. Structures sandbagged.

Riverland RV - water is at the top of bank in most places. Adjacent to the cabin area ~12" to 16" to top of slab. No cabins have been moved. Primary Structures sandbagged.

On May 29, 2019 RMA and WRD staff toured flooding areas with the Sheriff Department to inspect river banks for erosion and other potential risks.



At this point, any further increase in flow from Pine Flat Dam will initiate flooding at some locations and worsen current flooding at others.





ZONES OF BENEFIT

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

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

The Seville water system experienced one scheduled temporary water system shutdown. The water disruption was due to the ongoing construction for the Seville Water Project on May 23, 2019. 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 Terra Bella Sewer Maintenance District has entered into an Extraterritorial Service Agreement with Setton Farms Pistachios for municipal sewer services, allowing them to abandon their old septic system and save money from excessive septic maintenance. The new connection provides the district with a new revenue source equivalent to sixty (60) dwelling units. Additionally, the Setton Farms property will be annexed into the district, within one year.

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 April 2019				
Sewer Systems			Water Systems	
Total Monthly Flow (Gallons)		% Capacity	Total Monthly Flow (Gallons)	
Delft Sewer	734,924	43%	Delft Water	2,048,000
Seville Sewer	781,140	52%	Seville Water	1,851,400
Yettem Sewer	728,281	58%	Yettem Water	1,121,100
Wells Tract Sewer	544,000	95%	Wells Tract Water	751,380
Tonyville Sewer	378,290	18%		
Tooleville Sewer	724,170	69%		
Traver Sewer	1,252,085	47%		
TBSMD	3,277,710	36%		
El Rancho Sewer	Treatment provided by City			
TOTAL		8,420,600	TOTAL 5,771,880	

WATER/SEWER PROJECTS

Construction of the Phase 1 of the Yettam-Seville Water System Improvement Project is ongoing. The contractor has restarted work on the tank site and the construction of the distribution system is scheduled to begin in June. The Contractor has been paid for 0.28% of the contractor amount for work completed before April 30th, and is scheduled to reach substantial completion in September.

Staff continue to work with AECOM on the Traver Wastewater Improvements Project, and expect to complete the feasibility study in mid-June. Additional alternatives are being added to the study, providing the County more options to consider for sewer treatment.

TRANSIT

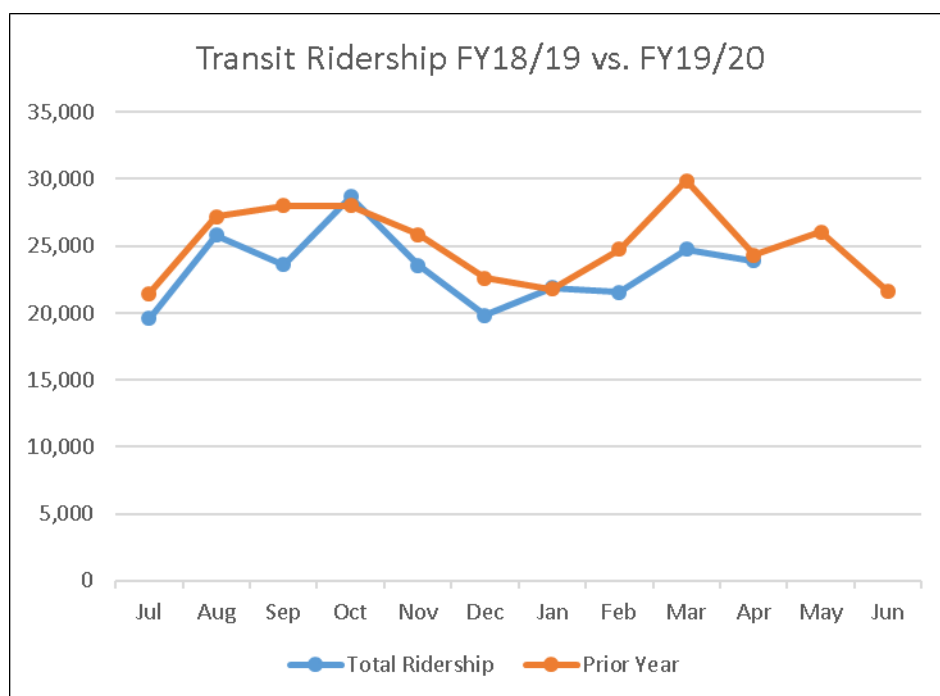
Staff met with City of Lindsay in May to discuss possible changes to the Dial-A-Ride service provided and discussed the possibility of providing fixed route service.

Development on the new TCaT website is complete. The TCaT website went live to the public in May at <https://ridetcat.org>. This new technology will enable passengers to obtain up to the minute route information and alerts from a computer or phone device.

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.

	April	Prior April	Change	YTD	Prior YTD	Change
Total Ridership	23,896	24,331	2.97%	233,238	253,941	-8.15%
Fixed Route Ridership	23,206	23,803	-2.51%	227,260	247,490	-8.17%
Demand Response Ridership	690	528	30.68%	5,978	6,451	-7.33%



TOMF and CNG Fueling System Project

In May construction continued to progress to the satisfaction of the County. By the end of the month, the contractor, Seals Construction, has been able to complete the major of the finishes within the Operations building including the installation of the acoustic ceilings, case work, plumbing fixtures, tile, and preparation for flooring throughout the building. In addition, the contractor has continued to progress the installation of the Maintenance Building and is approximately 80% complete with installing the framing and siding members. While the building itself continues to make progress the HVAC, plumbing, and electrical subcontractors are continuing to work within the building and it is anticipated that the building will be complete by the end of next month. As work on the buildings continue the Contractor has also made good progress on the site improvements. By the end of the month the contractor had completed the installation of the majority of the site utility work including the completion of the water, sewer, gas and electrical. With the completion of this work County staff is continuing to coordinate with each utility provider to ensure service connections can be established for the site. With the completion of site utilities the contractor will be turning their efforts to fine grading the site for the installation of site concrete and paving work. It is anticipated that by the end of June all site concrete will be installed and the contractor will begin preparing for the installation of Aggregate Base and HMA for the parking lots and driveways. Based on the contractor's current schedule, the project should be completed near the end of summer.

In the month of May the Board was presented with and approved a Contract Change Order (CCO) to eliminate the CNG fueling system from the TOMF project. With the approval of this CCO the contractor for TOMF has been decreased by appropriately \$1.6 million and these funds will be reallocated to the recently awarded CNG project.

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

MANAGEMENT GROUP 4:

SURVEYOR'S OFFICE

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

Record of Survey	33	Parcel Map	23
Building Permit Review	43	Tract Map	5
Merger of Parcels	2	Corner Record	87
Flood Hazard Determination	3	Elevation Certificate	3

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 Safety
2019 RRAA Project 3	Ivanhoe Road 159 and Azalea
2 nd Street Orosi Drive Intersection	Kings River Flooding
Avenue 280 Widening	Park Road PVAE Agreement
Allensworth Sidewalk	RMRA 19 Road 192
Bridge Avenue 108 Lakeland	RMRA 19 Road 204
Bridge Avenue 376, Traver	Road Maintenance – Blade Patch
Bridge Balch Park/Bear Creek	Sequoia Gateway Final Map
CEQ19005 J.W. Robinson	Earlimart Sidewalk Improvement Project
Strathmore Frazier Creek	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

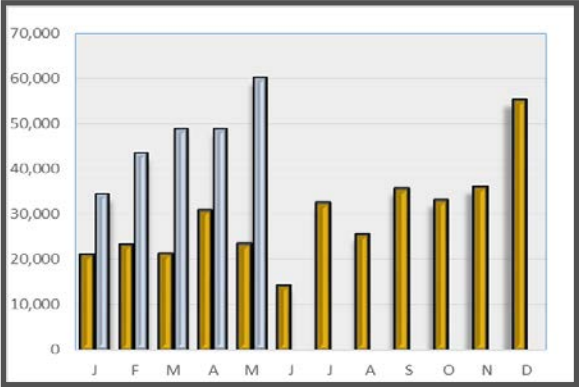
Tulare County RMA – Road Maintenance Activities

May 2019

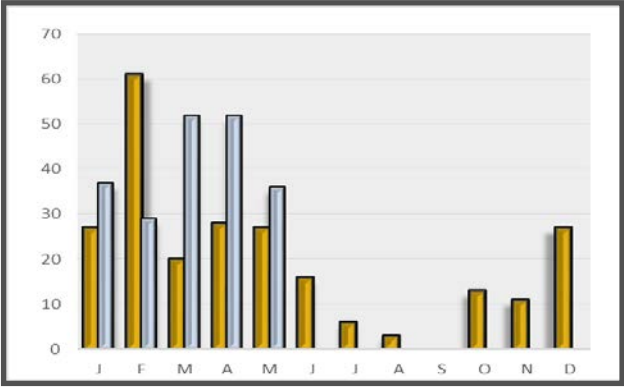


Yellow = 2018 Grey = 2019

Potholes Patched

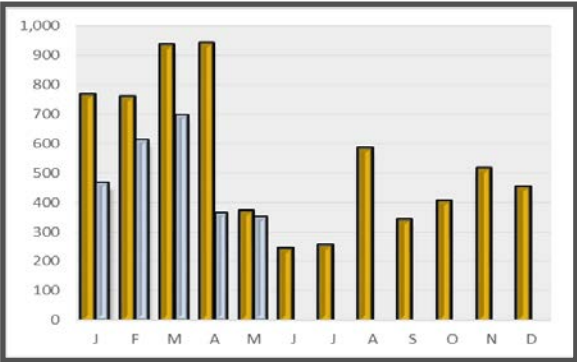


Shoulder Maintenance

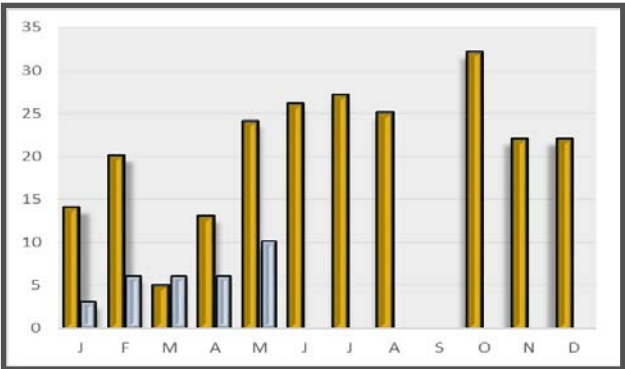


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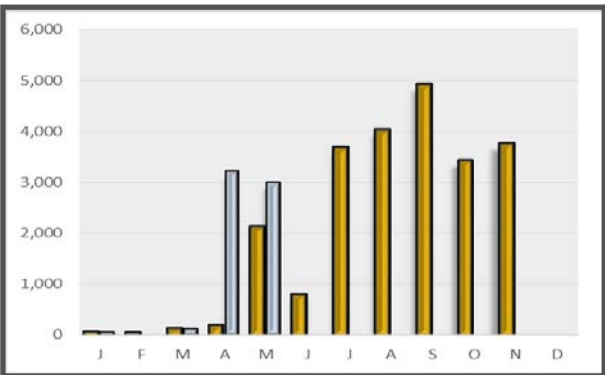
Traffic Signs



Blade Patch



Road Stencil



Road Stripe

