



RESOURCE MANAGEMENT AGENCY

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January 7, 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 December 2018.

D-129 SAND CREEK BRIDGE

On December 11th contractor Agee Construction completed bridge construction on the D-129 Sand Creek Bridge. The newly completed bridge on D-129 over Sand Creek consists of a state of the art, cast-in-place pre-stressed concrete voided slab supported by concrete abutments founded on driven steel piles. The 70-foot long single span structure has a width of approximately 35-feet to accommodate two 12-foot lanes with 4-foot shoulders (for wide farm equipment) and eliminates a narrow and unsafe "pinch-point" along D-129. An accelerated construction schedule aided in limiting impacts to the local environment and residents.



Additionally, the project resulted in improved hydraulic conditions by opening the channel at the bridge and significantly reducing the potential for scour and bridge maintenance issues. All construction costs remained within the allocated contingency balance due to limited requests for information and/or change order work.

HSIP GRANTS AWARDED TO THE COUNTY

On December 17th the County was awarded all four of its Cycle 9 Highway Safety Improvement Program (HSIP) grants totaling \$3,848,380.00. The first project converts an intersection in Tipton from a two way stop to a roundabout at Avenue 144 and Road 96. This award was for \$2,972,800.00. The second project installs flashing beacons at what are currently four way stop sign controlled intersections at Avenue 256 and Road 164 and at Avenue 240 and Road 140. This award was for \$278,000.00. The third project is for enhancements for pedestrian crossings at the John Doyle Elementary School in Porterville. This award was for \$220,000.00. The fourth project is for guardrail upgrades at Piedra Drive (D-179) between Avenue 376 and Road 184. This award was for \$415,000.00.

MANAGEMENT GROUP 1:

ROAD MAINTENANCE

ROADS:

During December the Road's Maintenance crew performed the following work:

ROAD MAINTENANCE

Work Performed	Total	Percent Increase/Decrease(-) from Prior Month
Potholes Patched	54,994	54%
Shoulder work (Lane miles)	27	152%
Blade Patches (Miles)	22	0%
Bridges maintained	17	89%
Constituent requests	50	-30%
After hour call-outs	9	-18%

A graph showing a comparison of the work performed in 2017 and 2018 by the Roads Department is attached to the end of this report.

Road crews continue to plow light snow on M107(Western Divide) and M50 due to the potential of a mudslide on State Route 190 caused by the Pier Fire. Road closure may occur if snowfall is heavy and continuous.

ROAD DISTRICT 1:

Activities in December include:

- Assisted in the installation of gates furnished by the Park Service leading to the Belnap Camp Ground on Camp Nelson Drive near Skyline Drive at the request of constituents and the National Park Service:



- Removed oleanders encroaching on the right of way to improve sight visibility on Road 216 at Avenue 247:



- Re-swept all of East Porterville after a rain event;
- Continued mowing of shoulders for approximately 4 miles;
- Removed and trimmed trees at 5 locations;
- Continued to plow the snow in the Camp Nelson and Ponderosa area including M107 (Western Divide).

DISTRICT 2:

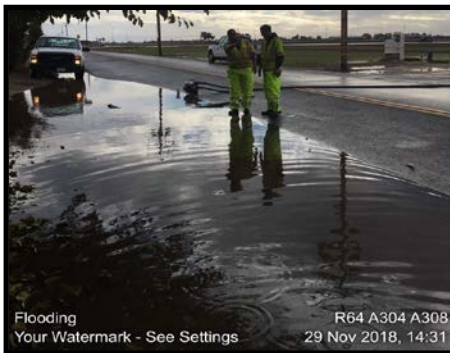
Activities in December include:

- Blade patched approximately 14 miles of roads with grinding;
- Maintained approximately 6 miles of dirt roads;
- Newly formed concrete crew working on bridge headwall and wingwall repairs;

- Repaired damage rails on Betty Drive in Goshen:



- Responded to isolated flooded areas during a winter storm event:



DISTRICT 4:

Activities in December include:

- Performed 2 days of maintenance at the Sequoia Field Airport;
- Continued checking culvert and drain inlets including the repair of a pump at the Sand Creek Apartment complex in Orosi; repair of a collapsed culvert pipe (see photo) and repair of a sinkhole (see photos):



- Performed shoulder maintenance at 6 locations;
- Performed trimming, mowing and weed abatement at 13 locations.

DISTRICT 5:

Activities in December include:

Performed 10 days of pothole patching for a total of 87 miles and 21,875 potholes filled.



Continued to plow snow including M107 (Western Divide) and M50 leading to M107. M50 from Divide to Johnsondale still remain closed.



Continued to remove rockslides and downed trees on the Divide:



Continued to repair washouts as needed:



Continued culvert pipe and drain inlet maintenance:



TRAFFIC CONTROL:

SIGN MAINTENANCE

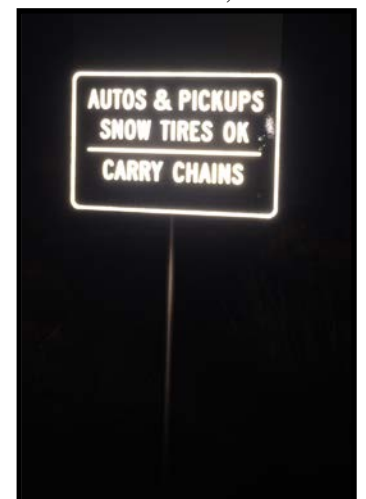
Work Performed	Total	Percent Increase/Decrease(-) from Prior Month
New signs installed	30	67%
Routine maintenance of signs	204	-14%
Vandalized signs repaired/replaced	144	-8%
Worn traffic signs repaired/replaced	50	-51%
Miles of Road striped	0	-100%
Stencils installed (Sq ft)	0	-100%
Traffic signal repair	1	-67%
Illegal signs removed from R/w	21	40%

Activities in December include:

- Installed a new crash cushion to our existing attenuator truck that follows the striping truck;



- To tackle smaller striping jobs, a new ride-along striper was purchased and placed into service;
- With the striper truck down for the winter season for maintenance and repairs no road striping was performed this month;
- Crews responded to 10 call-outs for downed stop signs or signal malfunctions;
- In cooperation with District 5, new changeable message signs for snow activities were installed on M56, M50 and M107;
- Fabricated signs for TCAT; installed signs for the Goshen project recently completed by Caltans;
- Crews completed the entering of backlogged data into our computer database for sign inventory.



TRAFFIC DIVISION:

- Staff reviewed constituent requests for Stop signs, speed advisories, etc. as they were received;
- Met with Sunnyside Elementary School staff regarding the installation of a crosswalk and traffic congestion;
- Met with Elbow Creek Elementary School staff to share our investigation results regarding their concerns on pick-up and parking congestion;
- Met with Earlimart Elementary School staff to share our input and suggestions for parking congestion;
- Agenda item submitted for Board approval to install Stop signs in Strathmore at Balfour, Lawson and Guthrie;
- Agenda item submitted Board approval for a Stop sign installation on Waverly Court at Walter Avenue in Ivanhoe.

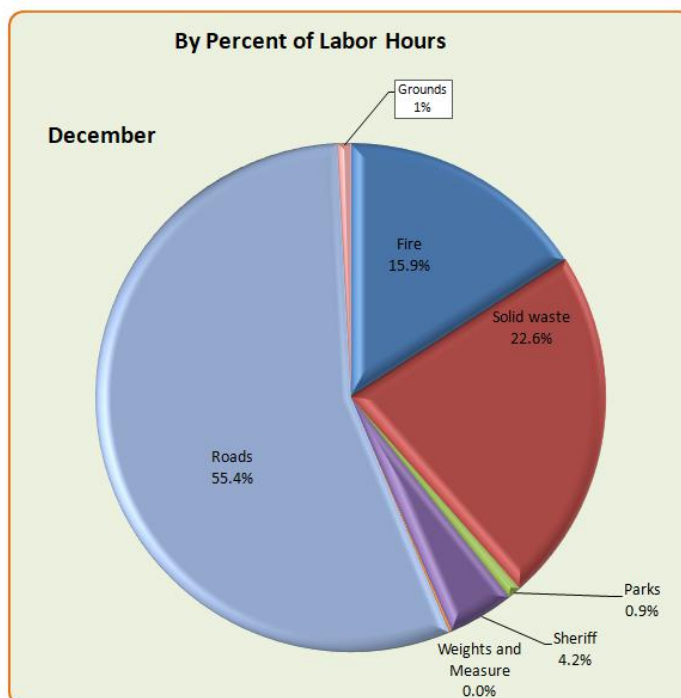
SAFETY:

- There were 5 claims through Risk Management during this reporting period;
- Visited Yards 1 and 5 to offer training on Safety Data Sheets and Container labeling;
- Inspected jobsite locations to observe safety practices and procedures of the road crew in Districts 1 and 5;
- Conducted FEMA certification for Construction Maintenance Workers – 10 workers certified;
- One request for the production of documents (*Ross vs. Whiting*);
- Attended a CAL/OSHA Compliance seminar workshop in Fresno;
- Organized a refresher training class for The Road and Assistant Superintendents that was presented by Risk Management regarding vehicle accident reporting.

HEAVY EQUIPMENT MAINTENANCE DIVISION:

The Heavy Equipment Shop maintained various pieces of equipment for 7 agencies in December. For the month of December, 349 work orders were completed totaling 1,997 hours as shown in the chart below:

Agency	Work Orders	Labor Hours
Fire	50	318
Solid waste	56	451
Parks	10	17
Sheriff	9	84
Weights and Measure	0	0
HHSA	2	3
Roads	215	1107
Grounds	7	17
Agriculture	0	0
Total	349	1997



PERFORMED BY GROUP 1 FOR OTHERS:

For this time period in December, Group 1 performed work for:

- Quote to Radio Communication for the construction of an access road to new towers to be installed on Rocky Hill – 2 days.

MANAGEMENT GROUP 2:

BRIDGE PROJECTS

During the month of December construction of the **Balch Park (Bear Creek) Road Bridge** commenced. Contractor Agee Construction began clearing their staging area, removing all vegetation in and around the channel, placing all TCE and construction fencing and installing all Stage 1 traffic guardrail and signage. Bridge construction is anticipated to take approximately 9 months and will be completed in stages to keep Bear Creek Road open in the absence of a viable detour. In January, Agee is expected to install a temporary water diversion, drill foundation pilings and construct bridge abutments and wingwalls in preparation for falsework installation.

A new RFP for the design of three bridges was advertised on March 29, 2018. In November, agreements with TRC for the Avenue 428 Sand Creek Bridge and Drake Haglan for the Avenue 108 Lakeland Canal Bridge were approved by the BOS. A third agreement with Cornerstone Structural Engineering Group for the Avenue 376 Traver Canal Bridge was awarded at the December 18th BOS meeting. During the month of January, staff will be holding kick-off meetings and scheduling the environmental field review with Caltrans to initiate the environmental process on all three projects.

Design consultants continue to work on the following projects:

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

During the month of December, consultants continued moving forward with the environmental and preliminary engineering phases of the eight projects listed above. Projects with an asterisk (*) indicate that 35% design is complete and the project has Right-of-Way authorization to start negotiations for potential ROW and temporary construction easement (TCE) needs.

Bridge staff is also working with Friant Water Authority (FWA) to address both short and long-term impacts to five bridges affected by subsidence along the Friant-Kern Canal. Staff and counsel previously developed a draft Memorandum of Understanding (MOU) to establish roles/responsibilities to ensure these bridges remain in sound working condition due to induced pressure flows (water flowing up against the superstructure/girders). The MOU was approved by FWA's Board on December 14th and is on the agenda for approval at the January 8th BOS meeting. Note that this MOU is retroactive to January 2, 2019, the date that FWA started in-channel work along the stretch of the Friant-Kern Canal hard hit by subsidence. FWA has indicated that in order to finish construction by the next flow season (starting March 1, 2019), work needs to start by January 2, 2019.

ROAD CONSTRUCTION PROJECTS

SPACER DRIVE SAFETY IMPROVEMENT (HSIP CYCLE 8):



Lee's Paving was able to complete the placement of the high-visibility striping and pavement markings in the month of December. With the completion of this work, the only remaining substantive work to complete the project is the installation of the new roadside signs. Due to a delay in the availability of some of the sign materials, the contractor requested a temporary suspension of the project; the engineer granted the request on December 18th. The required sign materials are scheduled to be delivered in mid-January and the project will be completed shortly thereafter. This project should be completed before the end of January 2019.

AVENUE 280 WIDENING: The month of December saw a slowdown of work being performed on the project due to inclement weather as well as the lack of material availability from the asphalt plants; paving operations have been temporarily placed on hold. As a result this delayed progress, the County directed the contractor to adjust the temporary traffic control by opening up two lanes of travel for the westbound traffic from Akers Road to Roeben Street in an effort to reduce congestion and delays through the intersection at Akers Road. The contractor has regularly been stopping by the project site to check on and make corrections to temporary traffic control as well as continuing to maintain temporary access to residents as needed. In the month of December the landscaping contractor was able to place the gravel mulch along the parkway which runs along the south side of Avenue 280 west of Shirk Road. In recent communications the contractor has indicated that paving operations may resume in mid-January should weather permit.

SAFETY AND COMMUNITY IMPROVEMENT PROJECTS:

Earlimart ATP Sidewalk Improvements (ATP Augmentation): Funds for the Plans, Specifications and Estimates, were allocated and the Program Supplement was approved by the Board of Supervisors on March 6th. The design phase is ongoing.

Allensworth Elementary Sidewalk Project (ATP Augmentation):

In December the contractor (DOD Construction) completed a large portion of the concrete work including the placement of all gutter, driveways, and the sidewalk in front of Allensworth Elementary School.



The contractor also began the process of relocating the existing fire hydrant located near the intersection of Young Avenue and Avenue 36. In the coming weeks, the Contractor is expected to complete the hydrant relocation work as well as begin the placement of the fencing and gate in front of the elementary school. In the next few weeks, CSET (Community Services Employment Training) should be called to the project site to complete the placement of sidewalk along the east side of Young Avenue as identified in the grant application.



Avenue 152 Safety Improvement Project: In the month of December the contractor (MAC General Engineering) was able to complete all work associated with Phase 1 of the project. This work included



resurfacing and widening the intersection of Ave 152 and Road 120 to accommodate left turn pockets. This work was completed under a temporary road closure and took approximately 2 weeks to complete. Upon completion of Phase 1 of the project, the Contractor was not able to move to Phase II as Caltrans was continuing to work on SR 190 between Road 192 and Road 156 which had been specified as a detour route for the project. Due to this traffic control constraint, as well as the ongoing winter weather which is not favorable for paving operations, the Contractor

requested temporary suspension of the project. The request for temporary suspension was granted by the engineer with the understanding that work would be scheduled to resume as soon as weather conditions improved. In recent communications with MAC General, the Contractor is currently planning on returning to the project site in early February to continue with Phase II of the project. During this time of temporary suspension both the Contractor and County staff are being proactive in reviewing material submittals and working closely with Caltrans to ensure no further detour conflicts will occur.

2017 Community Improvement Project - Phase 3: The contractor, DOD Construction continued working in both the communities of Ivanhoe and Goshen in December. The Contractor's primary focus was on completing the road work at each project site. Before the end of the month the contractor was able to complete all paving activities in both communities which consisted of compacting the native soils and base rock, grinding out segments of existing pavement and placing new hot mix asphalt. The contractor was able to pave Ivanhoe in its entirety and managed to pave about 95% of specified paving areas in Goshen. Once paving operations were complete, the contractor turned its attention to minor items of work including the installation and relocation of road side signs in both communities as well as grading behind the sidewalks to ensure a smooth transition. With paving operations substantially complete the sites are now fully accessible to all modes of transportation and fully accessible to all residents. Upon completion of paving operations, DOD Construction requested temporary suspension of the project due to the cold weather limiting the application of slurry seal in the Community of Goshen. This request for suspension was granted by the engineer with the understanding

that the contractor would return to the project site to complete slurry seal work once weather was more favorable for the application of slurry seal.

Traver Jacob Street Improvements (ATP Cycle 2): Staff is coordinating with the utility companies and finishing the design phase. Request for Right-of-Way certification was submitted by October 31st. Funding allocation request for the construction funds is being prepared for the March 13th California Transportation Commission (CTC) meeting. The project is anticipated to go to construction in early summer 2019.

Woodville Sidewalk Improvement (ATP Augmentation-MPO Component): Right-of-Way certification was obtained on October 1st for the project. Construction funds were allocated by the California Transportation Commission (CTC) at the December 5th meeting. Plans will be submitted for DSA review on January 23rd. The project is anticipated to go to construction in spring 2019.

Worth Drive (M146) Safety Improvement Project (HSIP Cycle 7): The Request for Authorization for construction was submitted to Caltrans on 12/3/2018. RMA staff is expecting to receive the funding by early February 2019. The project is anticipated to go to construction in spring 2019.

ATP Cycle 4 Grants: Twelve grants were requested for Cycle Four: (1) Orosi (\$1,950,000); (2) Strathmore (\$1.3 Million); (3) Goshen (\$1.1 Million); (4) Poplar (\$1,350,000); (5) Cutler (\$3 Million); (6) Tipton (\$3.9 Million); (7) E. Porterville (\$1 Million); (8) E. Porterville (\$2,150,000); (9) London (\$1.4 Million); (10) Traver (\$1.7 Million); (11) Ivanhoe (\$2.3 Million); and (12) Alpaugh (\$900,000). None were awarded but MPO grants through TCAG local distribution grant funding will be sought for some of these projects.

Earlimart Park Sidewalk Improvement Project (ATP Cycle 2): Sixty percent plans, specifications and estimate comments were addressed. The ninety percent plans, specifications, and estimates will be undergoing internal review. The right of way and easement acquisition documents with the School District are completed. Request for Authorization for construction is due to Caltrans Local Assistance on April 29, 2019. Staff is on track to submit the RFA for construction prior to the deadline.

Earlimart ATP Sidewalk Improvements (ATP Augmentation): Funds for the Plans, Specifications and Estimates, were allocated and the Program Supplement was approved by the Board of Supervisors on March 6th. RMA staff provide a brief presentation to Earlimart community members on Thursday 12/6/2018 at the Earlimart Town Council meeting. The RMA staff is going to proceed with the design phase of the project and incorporate the suggestions provided by the community.

Pixley Main St. Sidewalk Improvement Project (ATP Cycle 2): Design is progressing to the 60% benchmark where plans, specs, and an estimate will be delivered. Additional surveying has been completed. CEQA is complete. NEPA is not required due this project using State funds only. Right-of-way acquisition and utility coordination is underway (primarily with AT&T and Pixley PUD) and right-of-way meetings with owners are ongoing. When the project was presented at the October 22nd regular meeting of the Pixley Town Council, Council members and members from the public expressed concerns with flooding at specific locations along the corridor. Staff completed a site reconnaissance to assess existing flooding issues along the corridor during the recent rain events, and identified additional improvements to help mitigate flooding issues. Due to this site visit, staff was able to determine an appropriate location to collect the water originating from the flooding issues. 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.

Community Improvements Phase 6: 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 project is near completion of 60% PS&E development phase and will be undergoing internal review. Staff is coordinating with the utility companies. The project includes the relocation of a utility pole at the southeast corner of Road 228/Avenue 196 in Strathmore and adjusting vault to grade on the southwest corner. The project is locally funded. Design and right-of-way are expected to be completed by June 2019.

TREE MORTALITY

The final tree count for the year 2018 is 4,789. Tree cutting activities are suspended until spring due to weather, however tree mortality management activity remains ongoing at the state and local levels. Grant funding is available and the local partners are working with the state partners to continue the momentum. The County just used its first contractor, Timber Warriors, who proved very efficient. Billing for CDAA/LATM reimbursement for the Parker Pass/Ponderosa work is progressing.

ASSISTANCE TO ECONOMIC DEVELOPMENT/PLANNING PROJECTS

Public Works provided GIS Maps to other branches of the Resource Management Agency. In December 132 maps were provided to the Planners for 26 separate projects.

ENCROACHMENT PERMITS

2018 totals for encroachment and transportation permits were as follows:

- 614 Encroachment Permits;
- 211 Sub-Encroachment Permits (*Blanket locations, new process started mid-year*);
- 954 Transportation Permits;
- 231 Transportation Riders;
- 22 Special Event Permits.

These Encroachment Permit numbers continue a three year rise in permit counts which far exceed our normal 15 year averages.

In December staff processed a total of 51 new encroachment permit applications. Staff also provided oversight and daily inspections for 35 daily/recurring projects.

In December staff also:

- Processed and issued a total of 41 transportation permits comprised of 20 rider permits and 21 single-trip permits (including over-sized or overweight loads); 46 blanket/annual permits;
- Issued 26 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 3 house structure relocations;
- Processed documents, reviewed traffic control plans/routes, and issued 5 special event/parade permits.

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

Special Event Permit: North Fork Bridge Lighting:

The process was completed and approved for the community of Three Rivers Chamber of Commerce to light the North Fork Bridge for the December holiday season. This process was streamlined and approved due to a shortened window after receiving the application. The process was completed and approved by the Tulare County Board of Supervisors and the community enjoyed the beautiful decorations.



The Oakieville 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 will be affected by weather conditions during this part of the year. 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 is waiting for internal portions to be completed, then final paving and approval can occur.

The SCE Cross Valley Aerial Transmission Reconductor Project–Phase 2 is still ongoing, but project crew availabilities were affected by the various fall wildfires, and crews removed to perform required safety inspections away from this project. Work will resume as weather permits. This project is on hold due to weather and will resume when drier weather returns.

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. This work will proceed after the homes along Avenue 310 are substantially completed and weather permits. 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. Weather is expected to delay the project.

Gas Company Pressure Betterment Project: Preliminary work has begun along Avenue 152 west of Poplar to install a new large diameter high pressure steel gas pipeline. 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. The preliminary work is completed; the pipe crews should begin work in February.

HIGH SPEED RAIL

In December 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 and are awaiting letters of concurrence from the County. 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. In the month of December the High Speed Rail Contractor continued with reconstruction work on Avenue 120; this work included full depth reconstruction and utilized geo-grid material to assist with soil stabilization.



By the end of the month the contractor was able to complete all work on the project location including base preparation, asphalt placement, and shoulder backing. The road is currently opened to both lanes of traffic. Upon completion of the paving work, County staff was not pleased with the final ride quality of the project and has been in communications with the Authority regarding the County's concern. At the County's request, the Authority's Contractor evaluated the pavement surface for smoothness characteristics and the Authority's Contractor is currently putting together a work plan to correct ride quality as well as several other issues. It is anticipated that this work plan will be received within the next 2 weeks and all corrective work should be completed before the end of January. County staff will continue to inspect this ongoing work until completed to the satisfaction of the project specifications. Resurfacing work on Avenue 24 is anticipated to begin within the next few months weather permitting.

MANAGEMENT GROUP 3:

AIRPORT

Staff have reviewed the quotes received for the Precision Approach Path Indicator (PAPI) lights for the Navigation Aids project at Sequoia Field. One quote complies with all FAA requirements, including Buy America. This quote has been reviewed by FAA staff as well, and complies with their competitive bid requirements as the qualifying quote was also the low bidder of the three proposals. Staff will procure this PAPI system in January and bid the project thereafter.

Staff completed their annual Airport Capital Improvement Program (ACIP) meeting with the FAA on December 11, 2018. Staff discussed future projects and improvements anticipated during the next five years

with staff from the FAA's San Francisco Airport District Office. An updated ACIP was provided to the FAA on December 27, 2018. The submitted ACIP outlines anticipated future projects for Sequoia Field over the next five years. RMA is currently awaiting a response from the FAA indicating whether or not the proposed projects will be accepted and funded.

Staff also worked with the FAA to close out a legacy grant from 2013 and received a Grant Closeout Letter for this grant dated December 11, 2018.

Staff are working to provide plans for past paving improvements to Sequoia Field to Caltrans as part of a statewide pavement management program, which will include a consultant conducting necessary inspections of the airport at no cost to the County. Staff have also been working on finalizing the Airport Layout Plan with staff and our consultant.

FLOOD CONTROL

No Flood Commission meeting was held in December.

Staff continues to work on the Cottonwood Creek/JDF flood protection project. Comments were received from the State Water Board for the Storm Water Resource Plan (SWRP) and are currently being addressed. On December 6, 2018, staff met with the State Water Board regarding modification of the Work Plan for the project. Staff are currently updating documents as requested. Staff are working to finalize the plans and specifications and negotiate the final project funding agreement with the Water Board as well for the Prop 1 Grant. From comments received for the SWRP, some water rights issues were identified and are currently attempting to be resolved before the Cottonwood Creek JDF project will be funded.

Staff continues to work on the Strathmore Flood Project. Staff are finalizing plans and specs and resolving final design issues related to installation.

Staff are also working on design options regarding the Reservation Road Project and are exploring an option for a warning light on the road coupled with early warning systems for the County, the Tribe, and other stakeholders. Staff are currently working on communication link issues. Staff briefly discussed this issue with the Emergency Manager for the Tule River Tribe.

Staff worked with Management Group 1 to monitor and prepare for the rains which occurred during December. No major incidents were reported, and M50 (Parker Pass Rd) remains closed between M107 (Western Divide) and Johnsondale. M50 is still open between M107 and California Hot Springs. Johnsondale is still accessible through Kernville. Crews are working to keep M107 open as long as possible this year in case of a debris flow along SR190 near the Pier Fire burn scar, east of Springville. Group 1 previously prepared a contingency plan for reopening M107 in the event that it is closed and a debris flow occurs on SR190.

ZONES OF BENEFIT

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

Operations and maintenance of Zones of Benefit water systems continued in December with no known service interruption in Yettem, Delft Colony, and Seville.

Due to the possibility of disruptions in service at Seville, users are on an ongoing "Boil Water" notice, portable toilets continue to be provided to Stone Corral Elementary School, and two 5,000 gallon non-potable water

tanks were provided to the school and the community. There were no service disruptions in the other systems during this month.

The water production and wastewater system's wastewater treatment data is received by staff mid-month after the data month has ended. Below are the water production and wastewater treatment gallons that were produced or treated in the month of December, along with the capacity the system is using. There is no data for the lift station at El Rancho, as there is no flow totalizer.

Zone of Benefit - Water & Wastewater Volumes December 2018				
Sewer Systems			Water Systems	
Total Monthly Flow (Gallons)		% Capacity	Total Monthly Flow (Gallons)	
Delft Sewer	Flow meter non-operational		Delft Water	1,454,000
Seville Sewer	744,450	53%	Seville Water	1,551,900
Yettem Sewer	630,142	54%	Yettem Water	1,121,300
Wells Tract Sewer	454,000	85%	Wells Tract Water	1,143,290
Tonyville Sewer	424,260	19%		
Tooleville Sewer	611,880	56%		
Traver Sewer	804,071	32%		
TBSMD	3,696,510	40%		
El Rancho Sewer	Treatment provided by City			
TOTAL 9,043,861			TOTAL 5,270,490	

Ross Miller, Chief Engineer, was appointed to the County Drought Advisory Group (CDAG), which is a statewide advisory group established under Senate Bill 606 and Assembly Bill 1668 in May of 2018, which is focused on identifying small communities and systems at risk of drought and water storage vulnerability and developing recommendations to the Governor and Legislature for improving contingency planning in those areas. CDAG had its first meeting on December 13, 2018.

WATER/SEWER PROJECTS

Construction on Phase 1 of the Yettem & Seville Water System Improvement Project had its date for the commencement of work set as January 2, 2019. Phase 1 includes construction of a new water distribution system and storage tank in Seville, while Phase 2 is the intertie between the projects and the installation of meters in Yettem. Staff is also working to schedule a groundbreaking event in late January, a few days before significant construction work is imminent. Staff were also asked to speak to the Grand Jury regarding this project in January.

Staff continue to work with AECOM on the **Traver Wastewater Improvements Project**. Staff are working with AECOM to revise the project scope and direction to provide more options and lower costs for the short term, while also looking at recent developments including project interest by Foster Farms.

TRANSIT

TCaT staff is in the process of replacing outdated bus stop signs throughout the system, 30 signs have been replaced on Route 10 - North County, and staff continues to identify signs on other routes and are placing orders for new signs as necessary.

TCaT staff is preparing an RFP for professional services by a consulting firm for the Tulare County Area Transit Short Range Transit Plan. Staff intend to issue the RFP by mid-January 2019.

TCaT staff also participated in Travel Training provided by the City of Visalia. This training could help the County in being able to train current paratransit riders to be able to ride the fixed route service, a lower cost service.

TCaT staff has continued to work with other County agencies and sold 760 TCaT Punch passes totaling \$11,012 in the month of December.

The Board approved changes to the TCaT service level on New Year's Eve (December 31st), which will now be Sunday level service starting 2019, to conform to the majority of other transit providers in the County which offer limited services on this day. In addition, the Board approved participation in the Tulare County Association of Governments (TCAG) program to provide Free Ride Day for Veterans on Veterans Day.

TOMF AND CNG FUELING SYSTEM PROJECT

Construction of the **TOMF** started on November 19, 2018. Grading operations and preliminary earthwork at the TOMF have been completed. Currently the contractor is in the process of excavating footings, installing underground plumbing lines as well as electrical conduits and is also laying down concrete reinforcement prior to the pouring of building foundations.

Staff are presently beginning negotiation with Seals Construction, the project contractor, for the removal of the CNG Project from the current contract and the adjustment in prices to reflect the delay in award and commencement of work. RMA received a deductive estimate prepared by Cumming Inc., a sub-consultant of project architect Arrington Watkins. This deductive estimate that has been received will be used as a basis for continuing negotiations with Seals Construction in order to reach a sum that is both equitable given the delays in the project and any associated cost changes. RMA is still in a negotiation phase with the Arrington Watkins on fees incurred as a result of making the CNG Fueling System project an independent project. Once staff have completed negotiations with Arrington Watkins a finalized agenda item will be prepared before the Board that will cover this as a contract amendment.

A complete set of plans and specifications for the CNG Fueling System at the Transit Operations and Maintenance Facility was finalized on December 14, 2018. Following the completion of the plans and specifications RMA made a Request for Authorization (RFA) to Caltrans to proceed with the bidding of the CNG Fueling System project. At this time the contract documents for the project are currently under review by County Counsel to ascertain whether any changes to the drafted documents are necessary. An agenda item requesting authorization to bid the CNG Fueling System project has been prepared for the Board. The agenda item for the request to bid the project is currently scheduled to go before the Board on January 15, 2019. Following the receipt of approval from the Board RMA intends to immediately begin the advertisement period for the project.

MANAGEMENT GROUP 4:

SURVEYOR'S OFFICE

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

Record of Survey	20	Public Document Requests	30
Parcel Map	21	Building Permit Review	21
Tract Map	6	Improvement Agreement – Long	1
Merger of Parcels	1	Flood Hazard Determination	9
Waived Parcel Map	1	Corner Record	88
Drainage & Erosion Plan	1	Lot Line Adjustment	1
Vacation of Right-of-Way	1	Certificate of Compliance	1
Elevation Certificate	2		

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

ADA Ramp Improvements	HSIPL Avenue 152 Safety
Allensworth Sidewalk	Road 204 (Spruce) at Avenue 256
ATP Traver Jacob Street	Road 64 Improvement
Avenue 280 Widening	RRAA Project 1 SB1
Bridge D-129 Sand Creek	RRAA Ptoject 2 SB 1
Bridge M-348 South Fork Kaweah	Strathmore Avenue 196 & Road 228
Earlimart Sidewalk Improvement Project	SW - Woodlake
Encroachment	TOMF
Poplar Crossing Road 192	TPF CNG Station, Engineering
Prop 1B Storm Water Resource Plan B	

Respectfully submitted,

REED SCHENKE, PE
Director

RS/nw

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

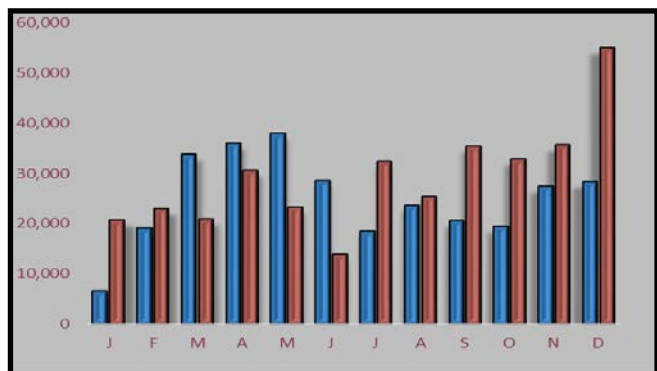
Tulare County RMA – Road Maintenance Activities

December 2018

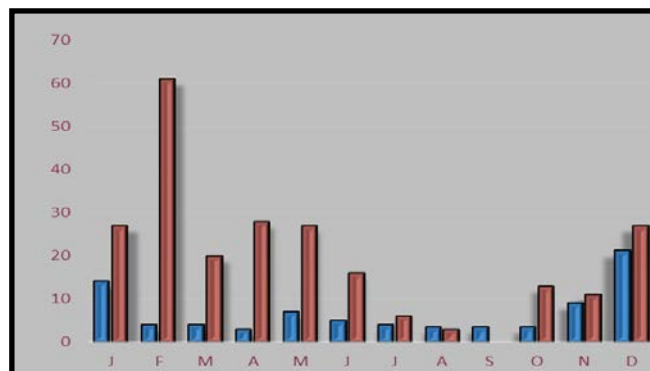


Blue = 2017 Rust = 2018

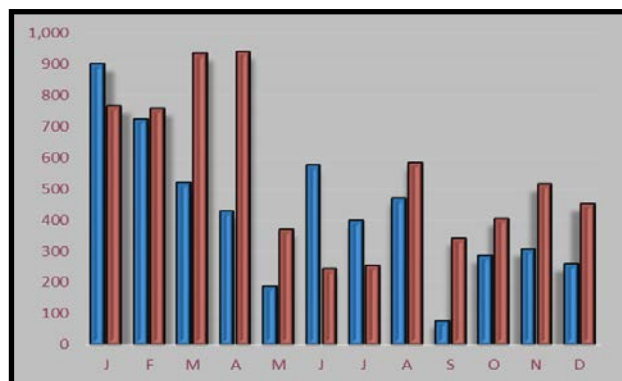
Potholes Patched



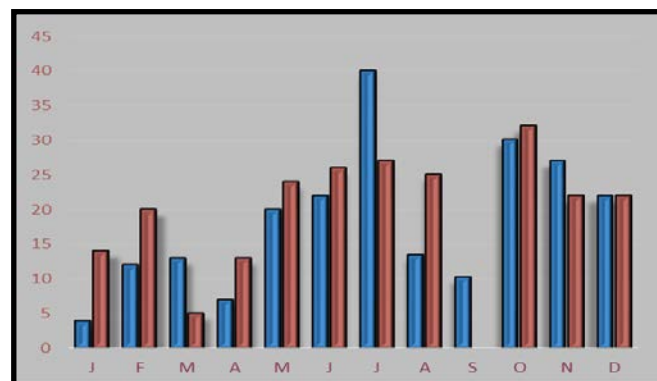
Shoulder Maintenance



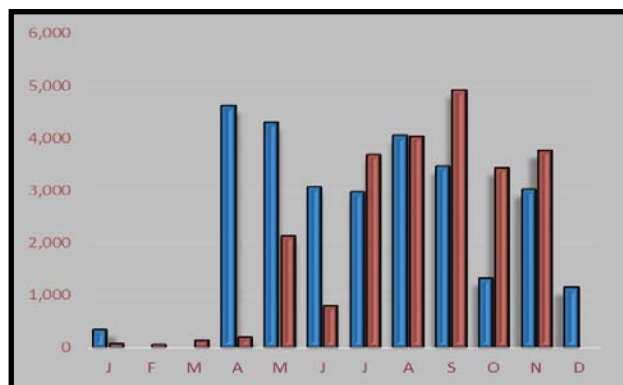
Traffic Signs



Blade Patch



Road Stencil



Road Stripe

