



# RESOURCE MANAGEMENT AGENCY

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May 6, 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 April 2019.

## **PUBLIC WORKS GEARING UP FOR COMMUNITY PROJECTS**

In addition to the typical blade patch and concrete work performed by the road crews that will continue, this summer and fall the Public Works division of RMA will move forward to aggressively serve the constituents of Tulare County by constructing 10 community transportation projects. This is an impressively long list of contracted work and it promises to be a busy construction season. These 10 projects are outlined below:

### **Project 1: 2019 Road Rehabilitation and Accountability Act-SB1 – (Construction Estimate \$5,250,000)**

Project locations:

- Location 1 – Road 152 from Avenue 256 to State Route 137
- Location 2 – Road 144 from State Route 201 to Avenue 416
- Location 3 – Road 12 from Avenue 272 to Avenue 271, Avenue 271 from Road 122 to Road 128, and Road 128 from Avenue 271 to Avenue 272
- Location 4 – Avenue 264 from Road 100 to Road 108
- Location 5 – Road 108 from Avenue 317 (Pratt) to Avenue 328
- Location 6 – Road 224 from Fir to Avenue 250

### **Project 2: 2019 Road Rehabilitation and Accountability -SB1 – (Construction Estimate \$7,500,000)**

Project locations:

- Location 1 – Avenue 144 from State Route 43 to Road 64
- Location 2 – Avenue 120 from Road 64 to State Route 99
- Location 3 – Road 208 from State Route 190 to Avenue 128
- Location 4 – D112A (I Street) from Avenue 200 to Avenue 211
- Location 5 – D140 from Avenue 16 to Avenue 24
- Location 6 – M137 (Reservation Road) from MP 7.0 to MP 8.18
- Location 7 – Road 168 from Avenue 164 to Avenue 168 (Funded by Measure R)

**Project 3: 2019 Road Rehabilitation and Accountability –SB1 – (Construction Estimate \$1,000,000)**

Project locations:

Location 1 – Road 188 (Belmont Road) between Avenue 242 & Avenue 256

Location 2 - Avenue 300 between Road 196 to Road 204 (District 1)

Location 3 - Fir Street between Foothill & Hillcrest

Location 4 - Avenue 448 (Manning) between Road 120 (Hills Valley) to Road 124

Location 5 - Monson Drive between Avenue 384 & Road 104

Location 6 - Road 256 between Avenue 56 & Avenue 66

**Project 4: Road 192 & Road 204 Rehabilitation Project – (Construction Estimate \$2,250,000)**

This project will provide road rehabilitation at two locations, first along Road 192, State Route 190 and Road 132. The second location is at Road 204 between Avenue 264 and Rocky Hill Drive. The project includes asphalt overlay, striping improvements, pavement marking improvements, and up to four feet of shoulder backing along the entire length of the project. This project will improve the road serve and safety of drivers.

**Project 5: Earlimart Park Sidewalk ATP – (Construction Estimate \$750,000)**

This project will improve accessibility around Earlimart Park and Earlimart Elementary School by constructing sidewalk, ADA ramps, driveways, curb and gutter, underground drainage facility, and asphalt pave-outs along Church Street from approximately Clay Avenue south to School Avenue, then along School Avenue from Church Avenue to Elm Street, then along Elm Street from School Avenue to approximately Cannon Avenue. Thus, this project will provide a public benefit by improving the safety and mobility of schoolchildren and park visitors using these facilities.

**Project 6: Woodville Sidewalk Improvement Project – (Construction Estimate \$725,000)**

This project will improve sidewalk facilities within the community of Woodville along the Road 168 corridor between Avenue 168 and the Woodville Elementary School. The proposed improvements include the installation of curbs, gutters, sidewalks, asphalt pave-outs, ADA ramps, signs, and pavement markings.

**Project 7: Traver/Jacob Sidewalk Improvement Project – (Construction Estimate \$1,250,000)**

This project will improve Jacob Drive between Canal Street and Burke Drive within the community of Traver, with curbs, gutters, sidewalks, asphalt pave-outs, class III bike lanes, ADA ramps, signs and pavement markings, and drainage improvements. The project will connect the Traver Elementary School to the community by the development of this continuous and safe pedestrian facility.

**Project 8: Pixley Main Street Improvements Project – (Construction Estimate \$1,500,000)**

This Project will improve the segment of Main Street between Terra Bella Avenue and Court Avenue within the community of Pixley with curbs, gutters, sidewalks, asphalt pave-outs, class 2 bike lanes, drainage facilities, ADA Ramps, striping and signage improvements. The project also includes Rectangular Rapid Flashing Beacons (RRFBs) to enhance the safety of pedestrian crossings.

**Project 9 Worth Drive (M146) Safety Improvements Project – (Construction Estimate \$250,000)**

This project will improve the safety of a 1.0-mile stretch of Worth Drive (M146) between Road 278 and Road 284 by adding centerline rumble strips along the corridor. Improvements also include replacing existing signage and updating existing striping with 6-inch wide striping.

**Project 10 The Community Accessibility Enhancement Project – (Construction Estimate \$500,000)**

Location 1 – Avenue 146 and Road 192 in Poplar: Improvements include construction of ADA curb ramps, curb and gutter, asphalt pave-outs, and updated signs and crosswalk striping at the intersection of Avenue 146 and Road 192.

Location 2 – Avenue 196 and Road 228 in Strathmore: Improvements include construction of ADA curb ramps, curb and gutter, sidewalk, drainage improvements, driveway, asphalt pave-outs and updated signs and crosswalk striping at the intersection of Avenue 196 and Road 228.

Location 3 – Avenue 416 between Road 126 and Eddy Road in Orosi include construction of ADA ramps, curb and gutter, sidewalk, pedestrian signal modifications, and 4' wide asphalt pave-outs at the mid-block crosswalk between Road 126 and Eddy Road.

**MANAGEMENT GROUP 1:**

During April Road Maintenance Crews performed the following work:

1. Opened the Western Divide (M107) and M50 after winter closure;
2. Opened two low water crossing after winter closures:
  - a. Road 156 from Avenue 32 to Avenue 40;
  - b. Road 184 from Avenue 24 to Avenue 32;
3. Group 1 assisted Code Compliance for marijuana eradication and the Sheriff Department for homeless encampment clean-up;
4. Met with the CHP to discuss concerns regarding roadway accidents and requests for signage to improve traffic safety;
5. Agenda item submitted for the May 7<sup>th</sup> Board meeting to address parking restrictions.

**ROAD MAINTENANCE**

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

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

**ROAD DISTRICT 1:**

Activities in April include:

- Worked with District 5 to clear debris, fallen tree's and remaining snow to open the Western Divide (M107);

Installed bus shelters for Group 3 (transit) at 2 locations:



- Worked with the Film Commission to clear Balch Park Road of snow for a filming project;
- Continued the work of discing and mowing shoulders for weed abatement;
- Improved 34 miles of road shoulders;
- Responded to 7 locations for mudslides, rockslides and/or trees down.

## **ROAD DISTRICT 2:**

Activities in April include:

- Assisted the Sheriff's Department to provide personnel and equipment for the homeless encampment clean-up at the St. Johns River;
- Concrete crew completed a ADA ramp installation and placed the concrete slab for the bus shelters;
- Performed weed abatement as requested by the Board and/or constituents.





Assisted Code Compliance at two locations for marijuana eradication:



Completed a road overlay project on R52 using our rapid response funds to address constituent requested maintenance.

#### **DISTRICT 4:**

Activities in April include:

Assisted Sheriff's Department in the homeless encampment clean-up at the St Johns River:



- Completed trimming, mowing, and weed abatement for 12 locations within the district;
- Cleared 3 locations for mudslides and rock removal;
- Patched approximately 26,200 potholes;
- Assisted the concrete crew to install an ADA compliant ramp at the intersection of Avenue 422 and Road 126;
- Responded to 7 call-outs for litter clean-up.

## **DISTRICT 5:**

Activities in April include:

- Worked with District 1 to clear debris, fallen tree's and remaining snow to open the Western Divide (M107). Also, District 5 crew performed similar work on M50 and M99 to have the road opened. Total days to complete the work – 16 days;
- Performed 7 days of pothole patching covering about 108 miles with 27,100 potholes filled;
- Replaced deteriorated culvert pipes on Avenue 138, west of Road 284:



- Re-graded about 30 miles of County maintained dirt roads;
- Performed brush and tree trimming:





## TRAFFIC CONTROL:

### SIGN MAINTENANCE

Work Performed	Total	Percent Increase/Decrease(-) from Prior Month
New signs installed	31	55%
Routine maintenance of signs	135	-71%
Vandalized signs repaired/replaced	134	11%
Worn traffic signs repaired/replaced	47	-35%
Miles of Road striped	423	42,200%
Stencils installed (Sq ft)	3210	2,928%
Traffic signal repair	2	0%
Illegal signs removed from R/w	15	25%

Note:

Due to the Striping truck being repaired and ready for usage during the last days of March, only 1 mile of roadway was striped. Therefore, the percentage of miles striped this month compared to last month shows the 42,200% increase.

Activities in April include:

- Winter retrofitting and maintenance of the Striping truck had been completed last month. Striping has resumed with a completion of 141miles of road stripe;
- Began using our new thermoplastic pavement markings striper:



Began using our newly purchased ride-along pavement striper for small job applications:



Completed constituent requested striping and signage improvements to the intersection at R196 at Avenue 228:



- Assisted in the Fire Station ground breaking ceremony at the Central Roadyard by fabricating and installing directional signs;
- Assisted other entities in designing and fabricating special signs;
- There were a total of 18 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;
- Plainview – Will review the feasibility to install a four way stop control at the intersection of Road 196 at Avenue 196;
- Performed a traffic study to install a four way Stop at the intersection of Avenue 256 at Road 124;
- Performed a traffic study to install a one way Stop at the intersection of Road 92 at Avenue 276.

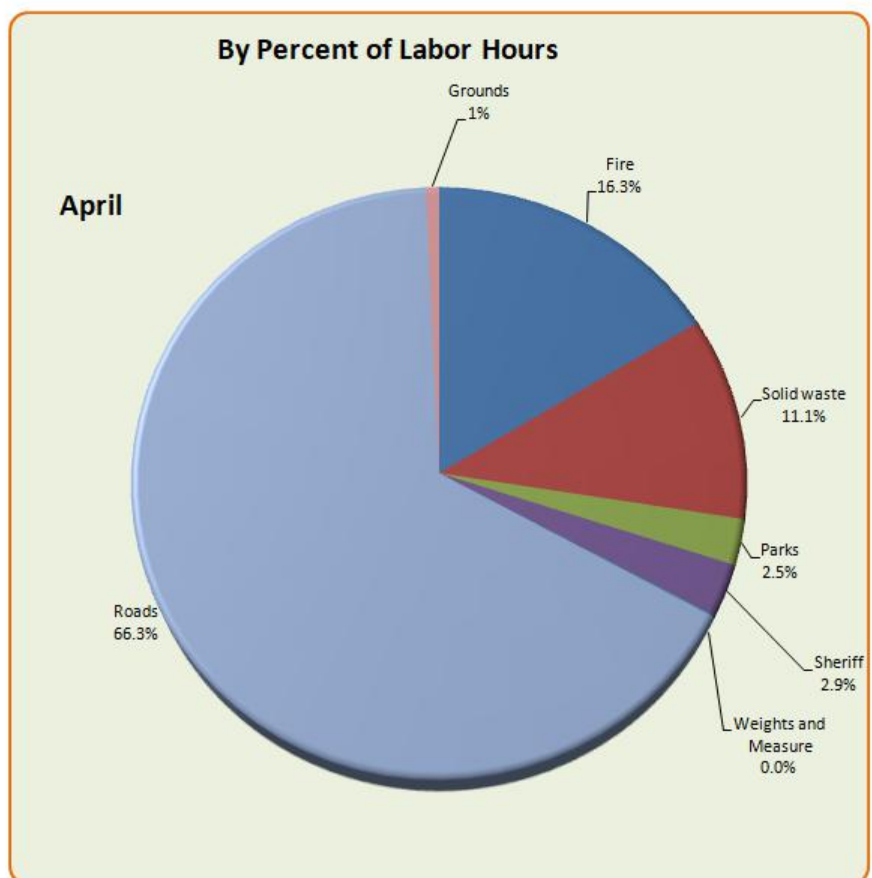
### SAFETY:

- For the month of April there were 4 claims filed through Risk Management during this reporting period;
- Visited 3 road maintenance district yard offices for their Monday morning safety meetings;
- Field visited various locations of work by the maintenance crew to observe safety practices and procedures;
- Received and processed 1 litigation hold for M137 (Reservation Road);
- Five (5) CMWs passed and received their Commercial Class A Licenses to operate equipment.

### HEAVY EQUIPMENT MAINTENANCE DIVISION:

For the month of April the Heavy Equipment Shop maintained various pieces of equipment for 7 agencies completing 415 work orders for a total of 2,766 hours as shown in the chart below:

Agency	Work Orders	Labor Hours
Fire	43	452
Solid waste	42	308
Parks	17	69
Sheriff	6	80
Weights and Measure	1	2
HHSA	0	0
Roads	303	1835
Grounds	3	20
Agriculture	0	0
Total	415	2766



## ENCROACHMENTS:

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

- Received 53 calls for right-of-way issues and complaints;
- Five (5) new encroachment cases opened;
- Three (3) encroachment cases closed due to compliance;
- Received 17 calls for alarms tripped at various road yard locations;
- Met with property owners regarding right-of-way encroachment questions;
- Patrolled 2,212 miles of roadway.

## MANAGEMENT GROUP 2:

### BRIDGE PROJECTS

Construction of the **M220 Bear Creek Road Bridge over Rancheria Creek** continued during the month of April. Contractor Agee Construction completed the Stage 1 concrete deck pour and began preparing for post-tensioning operations. In the month of May, following the post-tensioning process, the contractor will start falsework removal in preparation for concrete barrier rail and pilaster installation. County staff will also be working 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 in the next month staff will process the Program Supplement for approval at the 6/4 BOS meeting. Once authorized, staff will be working with Sequoia Riverlands Trust to establish an off-site revegetation contract in accordance with CDFW Streambed Alteration permit requirements.



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

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

Design consultants continue to work on the following projects:

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

Also during the month of April, 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 the end of May. 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 May. Structural engineering consultant, Cornerstone Structural Engineering Group, continued work on the final design of the bridge rehabilitation. During the months of April/May, additional materials testing investigations will be scheduled/completed to confirm all previous material findings and rehabilitation measures. Construction is anticipated to start in the fall of 2021.

During the month of 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).

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 May, 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**

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**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 4<sup>th</sup>.

**AVENUE 280 WIDENING:** In April the contractor was able to complete the installation of all roadside signs as well as several "punch list" items of work. SCE provided the electrical connections for the street lighting as well as the traffic signal which allowed the contractor to complete and activate the street lighting from Shirk to Akers before the end of the month. The contractor has scheduled the installation of the signal pole mast arms at Shirk Road for Wednesday May 1<sup>st</sup> with the traffic signal activation scheduled for Wednesday May 8<sup>th</sup>. Once the signal installation work is complete the only remaining work will be the installation of several street lights at the west end of the project which should be completed by the end of May, pending delivery of the street light poles.

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

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

**Allensworth Elementary Sidewalk Project (ATP Augmentation):** The project currently remains on temporary suspension while the Contractor, DOD Construction, is wrapping up work on the 2017 Community Improvement Project - Phase 3. It is anticipated that the contractor will resume work on the project within the next 2-3 weeks with approximately 2 weeks' worth of work remaining 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, concentrated its efforts on completing phase 2 of construction consisting of installing left turn pockets on Avenue 152 between Road 152 and Road 200. The turn pockets paving and shoulder backing work was completed around mid-April. The phase 2 work was originally scheduled to take 4 weeks to complete utilizing a road closure, however the contractor was able to complete the paving work and re-open the roadway in approximately 2 weeks' time. In addition, the contractor has mobilized to Road 208 and has been working on laying out and potholing all the underground utilities in the area in preparation for the new proposed signal. To date, the majority of the underground work for the signal has been completed and the contractor will be turning its efforts to roadway work within the intersection. Recently the contractor has requested the County authorize a temporary project suspension, lasting approximately 1 month, to allow for lead time on signal equipment which was ordered approximately 6 months ago and is not scheduled to be delivered for another 2 months. County staff is currently reviewing the impact of this request.

### 2017 Community Improvement Project - Phase 3:



At the end of April, DOD Construction was on site at both the Ivanhoe and Goshen project locations to complete all outstanding punch list items of work and install the slurry seals on Avenue 308 and on Road 159. This project had previously been on temporary winter suspension however weather has recently improved and work is scheduled to be complete the first of May. In the upcoming month, the Contractor will be installing striping and pavement marking on the project sites. Staff will begin requesting final paperwork from the Contractor and will begin drafting the Notice of Completion (NOC) to present to the Board of Supervisors.



**Traver Jacob Street Improvements** (ATP Cycle 2): Construction funds were allocated at the March 13<sup>th</sup> California Transportation Commission (CTC) meeting. Staff is waiting for final authorization documents (E-76) for the construction funding. 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 27<sup>th</sup> and bids were opened on April 17<sup>th</sup>. A total of six bids were received and DOD Construction was determined to be the lowest bidder. The project is anticipated to be awarded 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 submitted to Caltrans Local Assistance and forwarded onto Headquarters. We expect the CTC allocation to be approved at the May 15-16 CTC meeting. Construction for this project is anticipated to begin in summer 2019.

**Pixley Main St. Sidewalk Improvement Project** (ATP Cycle 2): Construction funds were allocated at the March 13<sup>th</sup> California Transportation Commission (CTC) meeting. Waiting on final authorization documents (E-76) for the construction fund. The project is anticipated to be advertised in June and go to construction in late summer 2019.

**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 is currently out to bid. Staff is currently working on putting utility owners on formal notice to relocate facilities that are in conflict. A portion of the utility relocations have already been completed. Project bids are scheduled to be opened on May 16, 2019, and the project will proceed to award to the lowest responsive bidder, and then construction.

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

**Avenue 232 Safety Improvement Project:** This project was awarded in HSIP Cycle 7 (federally funded). The project was recently re-scoped due to right-of-way acquisition requirements, physical constraints, and utility relocation needs. The re-scoping of the project was approved by Caltrans in October 2018. The project will install edge line rumble strips along Avenue 232 between Road 36, and Road 76, and roadway widening to accommodate left-turn lanes will be completed on Avenue 232 at Road 36, Road 56, and Road 68. Signing and striping will also be upgraded as needed. The preliminary environmental study (PES) 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. Once the final alignment is approved, and various studies are completed, the project will proceed into 60% PS&E.

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

#### **ASSISTANCE TO ECONOMIC DEVELOPMENT/PLANNING PROJECTS**

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Public Works provided GIS Maps to other branches of the Resource Management Agency. In April 76 maps were provided to the Planners for 19 separate projects.

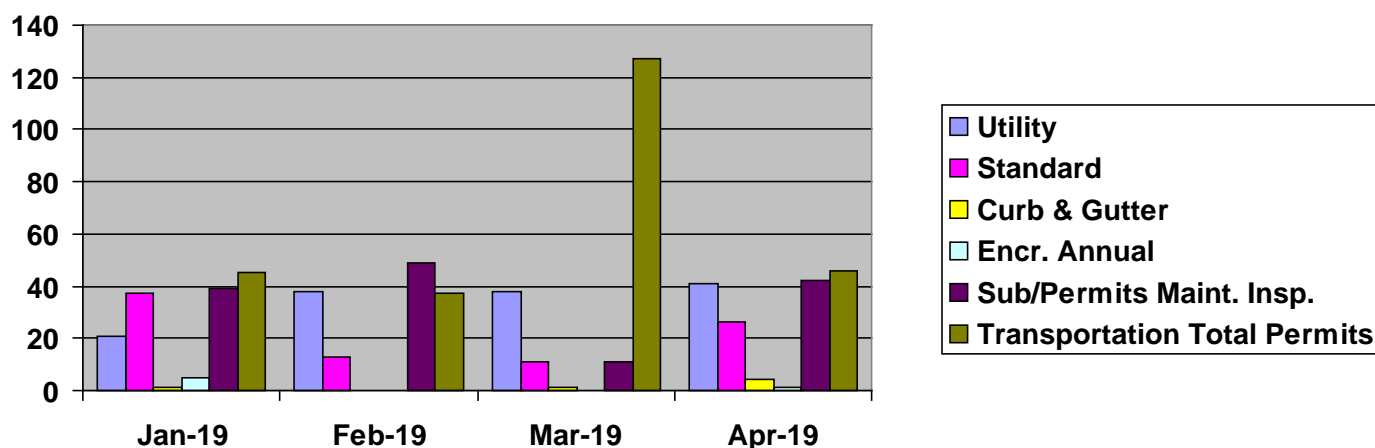
#### **ENCROACHMENT PERMITS**

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In April staff processed a total of 72 new encroachment permit applications. The permit processing numbers and inspections continue to remain at high demand levels. April was again one of the busiest inspection months on record with our staff providing oversight and daily inspections for 45-55 daily/recurring active projects, and 4 tracts/parcel improvement projects.



Graph depicting individual monthly categories for new permits as processed in 2019:



April Department Permits Processed:

- Processed and issued a total of 65 transportation permits comprised of: 19 rider permits, 22 single-trip permits (including over-sized or overweight loads) and 24 blanket/annual permits;
- Issued 42 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 5 special event/parade permits.

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

**Tract Map–TSM17-001/ Quail Ranch:** This is a rural subdivision, 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. The County inspectors will be inspecting and providing oversight for all infrastructure improvements; including electrical, natural gas, and telecommunications. Also included are curb and gutter and storm drain improvements.

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

**Tract Map–789/Goshen Village Phase 1:** Construction of the portion of the tract along Avenue 310 in Goshen has progressed; curb and gutter will be installed soon. This project will also include improvements to the entire area between Avenue 308 and Avenue 310, making available more than 70 single dwelling residential building lots. Work is now underway on the improvements to the internal portion of the tract, including the installation of sewer, storm drain and water mains. 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.

**Cutler/Orosi PUD Water System improvements:** The improvements within the county right-of-way as proposed are substantially complete; the water delivery and pressure betterment pipelines are installed and final improvements are being inspected. Final paving is still needed to complete the trenching process. This portion of improvements will improve the pipe size and capacity connecting well sites that were newly installed in the past several years.

**The Oakieville Community Water Pipeline and Well Project Upgrade:** Final walk-through inspections are currently taking place; this project will conclude in the coming few days. 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.

### **HIGH SPEED RAIL**

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

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

### **TREE MORTALITY**

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Cal OES has approved payment for the Parker Pass and Ponderosa projects and issued the DSR in the amount of \$200,720.25 for 4,555 felled trees. The DSR will be forwarded to CalFIRE for the 25% LATM reimbursement in the amount of \$66,906.75 for a total reimbursement \$267,627.00 for this portion of Phase III of tree mortality. The total cost per tree is \$58.75 making the cost to Tulare County far below the \$536 average cost per tree reimbursed by California Disaster Assistance Act funds.

## **MANAGEMENT GROUP 3:**

### **AIRPORT**

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Staff will order the PAPI lights for the Navigational Aids project in early May. Afterwards, 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 project is expected to be advertised for bidding in late May or early June.

Staff continue to work with the FAA to finalize the Airport Layout Plan (ALP) and closeout the related grant.

### **FLOOD CONTROL**

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The Bureau of Reclamation Permit for the Strathmore Frazier Creek Project is being internally reviewed and will be submitted in early May. The environmental consultant has been given the Notice to Proceed and will submit their report within five weeks which will be forwarded to the Bureau. The 95% completed plans will be submitted with the permit application. Additional information regarding the flood will be submitted to support requests for an expedited permit.

Staff is working on getting the five recently acquire stream level sensors pu installed to track the spring snow melt. Currently the initial sites have been selected and brackets are being fabricated at road yard #2. It is expected that all of the sensors will be installed by early May. Staff are continuing the outreach effort with other departments and agencies to determine where the sensors should be placed. The data for the currently installed sensors is live and available at: <https://sensors.tolthawk.com/Home/Dashboard?regionId=3>.

The County was notified by the State Water Board that the Cottonwood Creek/JDF Project would not be funded under the Prop 1 grant program. This decision was based on project benefit calculations after revisions were made to the design to control the total project costs and correct certain design assumptions. Staff is continuing to develop the Project and will be preparing a project for submission under Prop 2.

Staff met with representatives from the Pixley Wildlife Refuge to discuss the low water crossing at Road 88. Staff will work with the Refuge and seek to acquire grant funding to construct a bridge at Deer Creek instead of the current crossing.

### **ZONES OF BENEFIT**

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

Operations and maintenance of Zones of Benefit water systems continued in April 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 occurred on April 24, 2019 as part of the ongoing construction for the Seville Water Project. Due to the possibility of disruptions in service in Seville, users were notified of the repairs via phone call using the AlerTC system and were reminded of the ongoing “Boil Water” notice. Portable toilets continue to be provided to Stone Corral Elementary School and two 5,000 gallon non-potable water tanks are available to the school and the community.



The table below summarizes the water production and wastewater treatment for the month of March, 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 March 2019				
Sewer Systems			Water Systems	
Total Monthly Flow (Gallons)		% Capacity	Total Monthly Flow (Gallons)	
Delft Sewer	744,040	46%	Delft Water	1,034,000
Seville Sewer	713,570	51%	Seville Water	1,278,800
Yettem Sewer	445,238	38%	Yettem Water	552,800
Wells Tract Sewer	495,000	93%	Wells Tract Water	440,980
Tonyville Sewer	419,760	19%		
Tooleville Sewer	832,226	77%		
Traver Sewer	1,112,111	45%		
TBSMD	3,458,794	37%		
El Rancho Sewer	Treatment by City of Lindsay			
TOTAL		8,220,739	TOTAL 3,306,580	

#### **WATER/SEWER PROJECTS**

Construction on Phase 1 of the Yettem-Seville Water System Improvement Project began in January 2019, and a groundbreaking ceremony was held on March 5, 2019 and work at the tank site began shortly thereafter. During a biological survey, nesting birds were found near the tank, requiring limits in construction activities near the nests to minimize disturbing the birds. This is not expected to delay the project but will require additional biological monitoring.

Staff are working with the Yettem-Seville CSD to draft an MOU, which will outline the transition of water services in the communities from the County to the CSD and define the relationship between the County and CSD for the completion of Phase 1 and the funding application and construction of Phase 2 of the Project. Staff have also prepared notices under Proposition 218 to adopt new rates, including metered rates, in the system to comply with grant funding requirements.

Staff met with AECOM on the Traver Wastewater Improvements Project on April 18, 2019. Staff were able to provide information to AECOM on the update flow at the wastewater treatment plant. Based on new data, expansion of the plant does not appear necessary for several years. The Project is focused primarily on expanding the wastewater collection system in Traver to the area west of the railroad tracks and the undeveloped residential zone on the north end of the community. The Project is also considering alternative treatment options for the wastewater system. The final report is expected in the next few months.

Two staff members took the Water Distribution Operator Examination in March. Ross Miller passed the D2 examination and the other member is awaiting the results of the exam.

## TRANSIT

TCaT passed its Triennial Performance Audit (TPA) with no findings. The TPA was conducted by Moore & Associates for Fiscal Year 2015/16 – 2017/18.

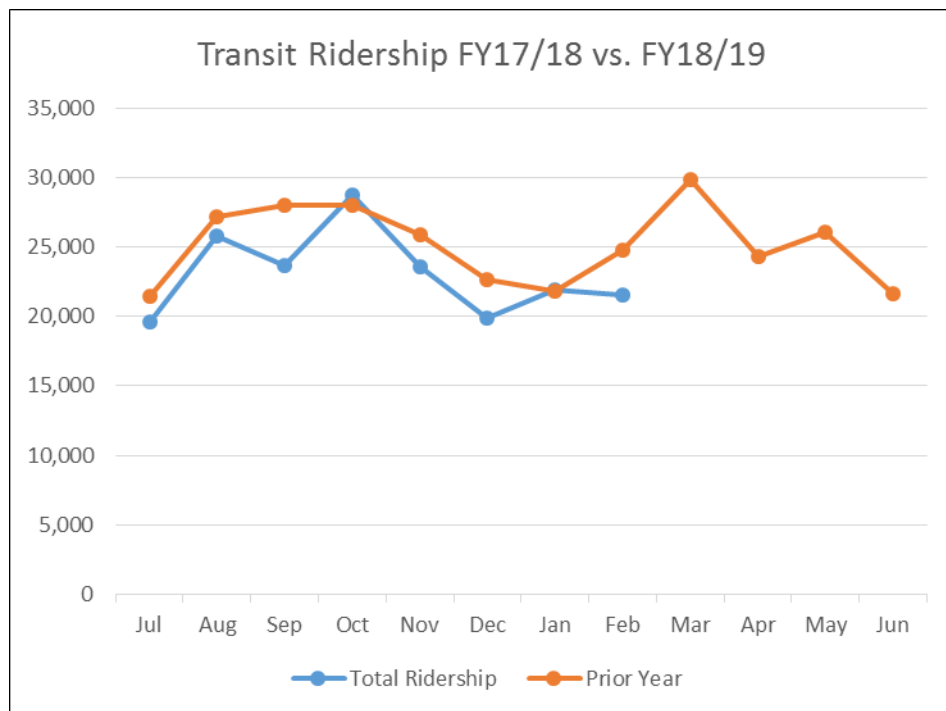
Staff provided a Power Point presentation to the Inmate Programs Specialist team at the Men's Detention Facility in April. About 10 program staff members were present, information was also handed out to the program specialist. Staff provided information regarding the fixed route and paratransit systems and answered questions from the members.

Staff attended the California Association for Coordinated Transportation (CalACT) 35<sup>th</sup> Anniversary Spring Conference and Expo, which included vendor and bus exhibitions, training on a variety of subjects including the move towards electric buses, and former U.S. Secretary of Transportation Anthony Foxx as the keynote speaker.

Development on the new TCaT website is almost complete. Staff expect the TCaT website to be live in either May or June.

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. 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.

	March	Prior March	Change	YTD	Prior YTD	Change
Total Ridership	24,799	25,724	-3.595%	210,450	224,317	-6.18%
Fixed Route Ridership	24,244	25,011	-3.07%	205,536	218,648	-6.0%
Demand Response Ridership	555	713	-22.16%	5,364	5,669	-5.38%



### **TOMF and CNG Fueling System Project**

In April 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 components within the Operations building and is now turning their focus to the installation of finishing items including interior and exterior paint, acoustic ceilings, exterior lighting, floor and wall tiling, and installing exterior doors. On the Maintenance building, the contractor has completed the framing of the steel structure and began installing the interior and exterior wall panels, at the same time the rough electrical and plumbing has been installed within the building. As work on the buildings continue the contractor has been pro-active in progressing the site improvements as well. During the month of April, the Contractor has been able to install the majority of the underground utilities throughout the site including storm drainage, septic system, and site light as well as septic tanks and seepage pits. These utilities will service both building being constructed as part of this project as well as the Fire Station project, being overseen by GSA, which began construction in early April. In the Upcoming month, the Contractor should be able to complete the majority of the finish work in both buildings as well as complete all site utility work. Once the site utility work is complete the Contractor will begin working on the roadway and parking lot improvements. Based on the Contractor current schedule, the project should be completed near the end of summer.

Staff worked with Seals Construction, the contractor for the TOMF project, to negotiate a contract change order to remove the CNG project from the TOMF scope of work. A formal recommendation to accept this change order will be brought before the Board on May 7, 2019. The change order will also include increased costs related to the delay in award and start of construction that occurred because of the funding issues with the CNG facility that necessitated bidding the CNG project separately.

RMA will bring before the Board a recommendation regarding the award of the construction contract for the CNG Fueling System on May 7, 2019. A total of three bids were received for the CNG Fueling System with Hobbs Construction Inc. of Fresno, California being the lowest most responsive and responsible bidder with a bid of \$2,497,629. The Engineer's Estimate for the project was \$2,410,257 and the low bid was approximately 3.6% higher than this estimate. It is the intent of staff to issue a Notice to Proceed following Caltrans' acceptance of construction contract award documentation. Staff expect to issue the NTP by the end of May.



## **MANAGEMENT GROUP 4:**

### **SURVEYOR'S OFFICE**

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

Record of Survey	33	Public Document Requests	30
Parcel Map	22	Building Permit Review	12
Tract Map	4	Merger of Parcels	1
Waived Parcel Map	1	Corner Record	88
Lot Line Adjustment	7		

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

Avenue 280 Widening	Encroachment (multiple)
Transit Operation & Maintenance Facility	Allensworth Sidewalk
HSIPL Avenue 152 Safety	HSIP Cycle 7 Avenue 232
ATP Pixley	SW – Kennedy Meadows
Avenue 268 Park Road PVAE	Teviston Avenue 80
Bridge Ave. 108 Lakeland	Strathmore Frazier Creek
SW – Teapot Dome	Bridge Ave. 428 Sand Creek
SW – Visalia Generic	Bridge Balch Park-Bear Creek

Respectfully submitted,

**Reed Schenke**

REED SCHENKE, PE  
Director

RS/nw

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



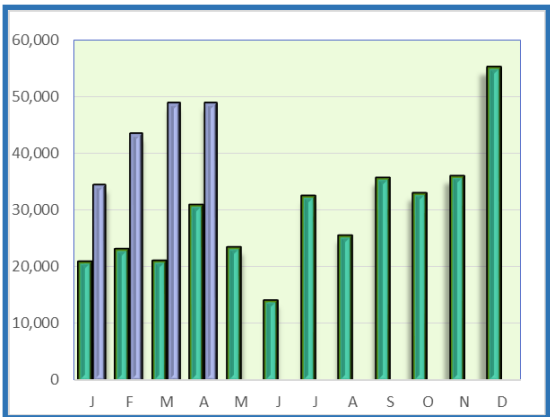
# Tulare County RMA – Road Maintenance Activities

## April 2019

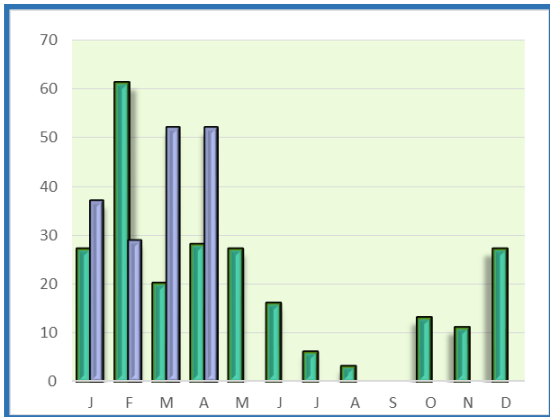


Green = 2018    Grey = 2019

Potholes Patched

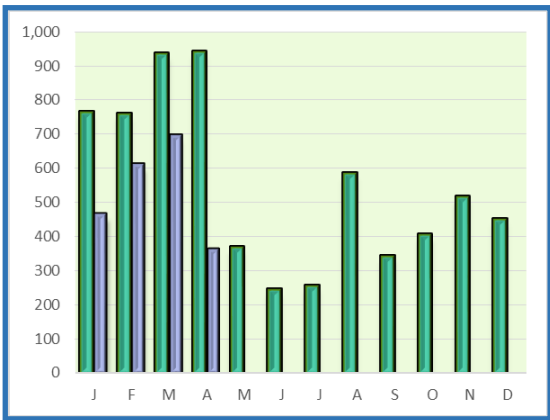


Shoulder Maintenance

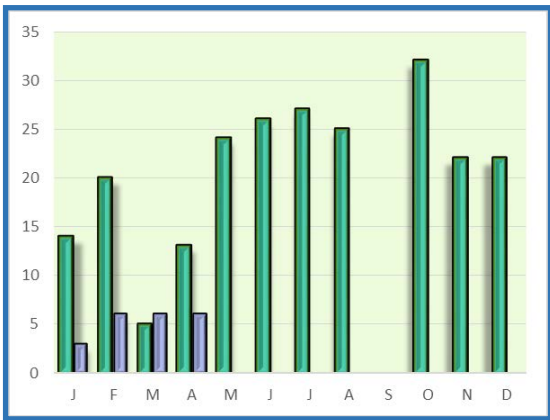


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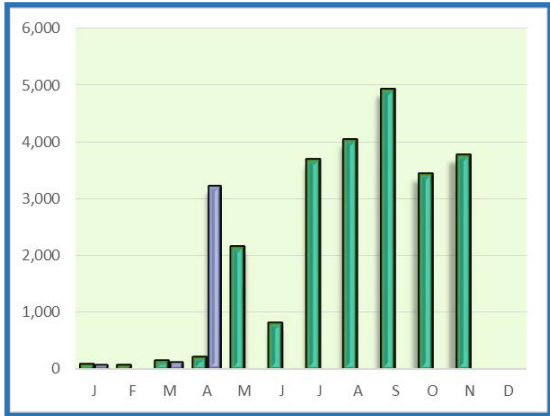
Traffic Signs



Blade Patch



Road Stencil



Road Stripe

