



# RESOURCE MANAGEMENT AGENCY

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October 3, 2019

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

Dear Supervisors and Mr. Britt:

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

## **CHIPSEAL MAINTENANCE PROGRAM**

Management Group 1 wrapped up their annual Chipseal maintenance program for this fiscal year in September. Beginning on August 19<sup>th</sup> a crew consisting of Construction Maintenance Workers, Traffic Control Workers and support staff from all districts teamed up to complete the work of chipsealing 78.5 miles of roadway to extend the service life of the asphalt pavement. The work was completed on September 19<sup>th</sup>.

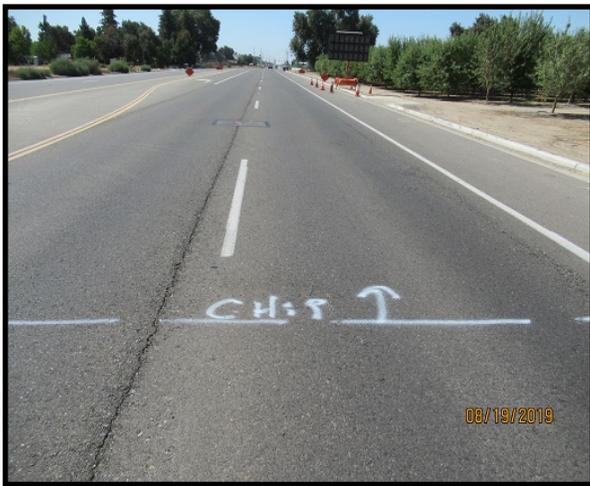
This work consists of laying down a thin layer of oil, spreading 3/8" rock over the oil, embed the loose rock into the oil by use of rubber tire rollers, sweep off the excess rock and then re-stripe the road and re-install pavement markings where applicable. The oil acts as a barrier to prevent water penetration into the pavement and the rock acts as the wearing surface to protect the oil and existing road surface.

To implement the Chipseal program, the work was organized into various crews that performed the following:

- Sign crew – Erected and maintained all signs and barricades to inform the motorist of the work;
- Flagging crew – Provided traffic control during the chipseal operation;
- Truck crew – Coordinated the trucks and rock load process to assure a steady flow of rock to the Chipseal Spreader;
- Sweeping crew – Swept excess rock off roadway after rock embedment. Sweeping operation is performed at least 3 times;
- Striping/stencil crew – Re-stripped cover paint stripes and pavement markings.

By the numbers to chipseal 78.5 miles of roadway consists of the following:

|  |         |
|--|---------|
| 3/8" rock used (Tons)                    | 12,079  |
| Oil used (Gallons)                       | 329,471 |
| Number of Personnel Assigned to Chipseal | 48      |
| Photos Taken for Documentation           | 3,526   |



Identifying the limits of the work



Setting up the flagging operation



Spraying the oil on the roadway



Begin loading the chipseal rock into trucks



Transporting the rock to the Chip Spreader



Chip Spreader placing rock over oil



Our new-hire Supervisor Townsend



Rollers embedding the newly placed rock into the oil



Sweeping excess rock



Striping/stencil crew repainting the centerline Stripe

## **MANAGEMENT GROUP 1:**

For September, work highlights performed by Group 1 are as follows:

### **ROAD MAINTENANCE**

| Work Performed             | LAST Month Total | THIS Month Total | Percent Increase/Decrease(-) from Prior Month |
|----------------------------|------------------|------------------|---|
| Potholes Patched           | 42,153           | 47,150           | 12%   |
| Shoulder work (Lane miles) | 7                | 5.5              | -21%  |
| Blade Patches (Miles)      | 19               | 35.5             | 87%   |
| Bridges maintained         | 1                | 1                | 0%  |
| Constituent requests       | 78               | 71               | -9%   |
| After hour call-outs       | 19               | 9                | -53%  |

Completed the Chipseal Maintenance Program by chipsealing 78.5 miles roadway. While every yard provided staff to the chipseal operation, a small crew was still available to perform blade and pothole patching along with other duties as needed.

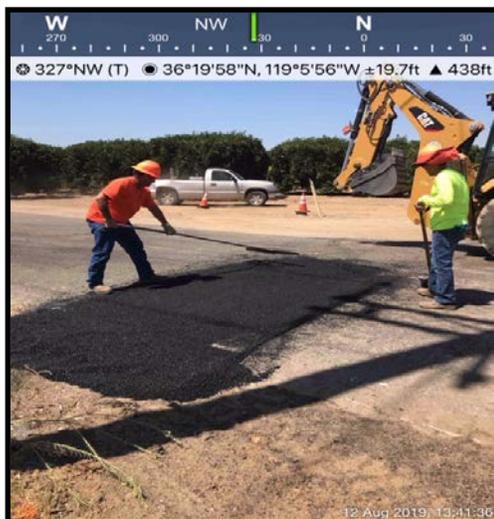
Staff attended Board organized Town Hall meetings in the community of Cutler and California Hot Springs.

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 September include:

- Repaired a sinkhole in Avenue 304 at about Road 182:



Replaced culvert pipe at Avenue 264 at Road 176:



Removing old rusted pipe



Installing new pipe

- Performed shoulder brushing of weeds and tree removal on M296 from Milepost 25 to Milepost 38;
- Performed roadside guttering for stormdrain run-off in the mountainous areas of the district in preparation of the winter season;
- Blade patched several locations including M279 between Milepost 2 and 3:

:



## ROAD DISTRICT 2:

Activities in September include:

District 2 Road Superintendent Ernie Saucedo was the lead person to oversee the crew for the County-wide Chipseal maintenance program. Although most of his staff was assigned to the chipseal operation, his District was still able to perform the following:

- Blade patch a total of 16 miles roadway;
- Re-establish the low water crossing located on Road 88, north of Avenue 56 crossing Deer Creek adjacent to the Pixley Wildlife Refuge;
- Responded to a call-out for bridge rail damage and fielded 36 constituent requests for road maintenance.

**ROAD DISTRICT 4:**

Activities in September include:

- Performed weed abatement at fourteen ponding basins, tree trimming at three locations and weed removal at various locations within the district. Removed a fallen tree limb over the Wells Tract sewer lift station located on Naranjo Blvd . near the community of Woodlake (see below):

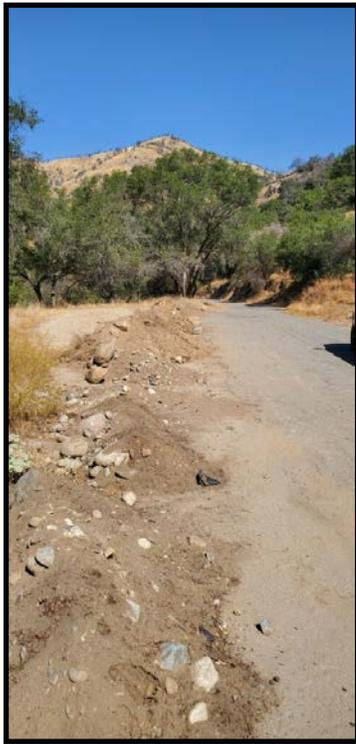


Wells Tract well facility (Before)



After

- Continue to perform shoulder maintenance:



M357 (Before)



After

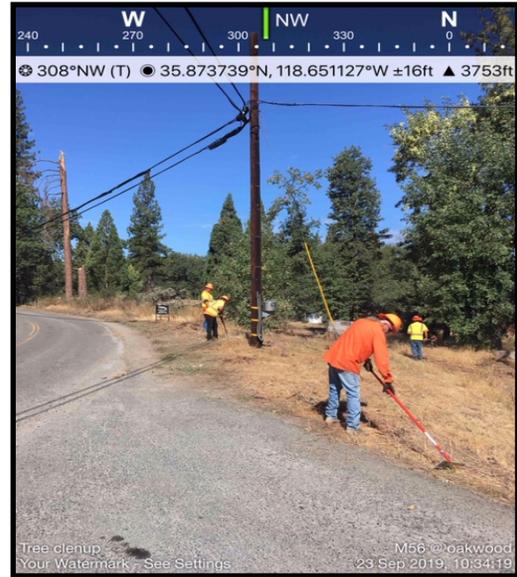
- Responded to two afterhour call-outs for fires and one for a vehicle accident;
- In preparation for the winter storm season, repaired two locations for slope washout and cleaned an existing drainage pump of excess debris;
- Responded to 6 requests for litter removal and 9 calls for other road related issues.

#### **ROAD DISTRICT 5:**

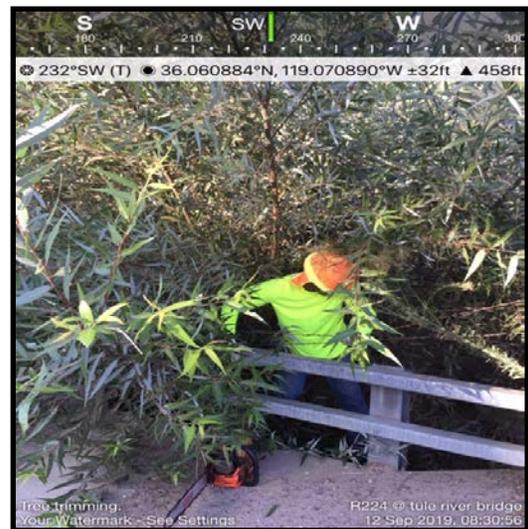
Activities in September include:

- Performed 11 days of blade patching covering about three (3) miles of roads;
- Performed twelve (12) days of pothole patching covering about 55 miles with **16,000** potholes filled;

- Responded to a constituent request for tree removal and clean-up of a fallen tree within the right-of-way on M56 at Oakwood:



- Performed tree trimming due to overgrowth onto Road 244 at Tule River:



- Repaired damaged guardrails on Road 192 north of Avenue 168:



- Responded to 18 requests for litter, hazardous items on roadway, trees down, and other issues.

**TRAFFIC CONTROL:**

Activities in September include:

**SIGN MAINTENANCE**

| Work Performed                          | Last Month Total | This Month Total | Percent Increase/Decrease(-) from Prior Month |
|---|------------------|------------------|---|
| New signs installed                     | 45               | 28               | -38%  |
| Routine maintenance of signs            | 78               | 25               | -68%  |
| Vandalized signs repaired/replaced      | 145              | 176              | 21%   |
| Worn traffic signs repaired/replaced    | 63               | 16               | -75%  |
| Miles of Road striped                   | 35               | 70               | 100%  |
| Stencils installed (Sq ft)              | 2814             | 5916             | 110%  |
| Traffic signal repair                   | 9                | 6                | -33%  |
| Illegal signs Removed from Right of Way | 15               | 25               | 67%   |

- Traffic Control makes up the crew on the Chipseal program to stripe and stencil. During the chipseal operation, Traffic Control striped approximately 69 miles of chipped roads.



It's a lonely job but someone has to mark out for centerline stripe



Centerline striping after chiprock sweeping

- Began the layout of painted centerline median in front of Sunnyside Elementary School, west of the community of Woodlake;
- Crew responded to 10 after-hour call-outs for Stop sign down or for signal malfunction.

#### **TRAFFIC DIVISION:**

- Staff reviewed constituent requests for Stop signs, speed advisories, etc. as they were received;
- Submitted agenda item for Board approval for "No Parking" restrictions on Road 124 south of Edwards in the community of Cutler;
- Evaluating the installation of Stop signs at the intersection of Santa Fe and First Drive and other "T" intersections within the community of Culter;
- Contact with various school districts regarding their concerns for traffic safety devices and signages;
- Submitted for Board approval the installation of Stop signs on David Road at Avenue 414;
- Continued gathering traffic data information as requested for pre and post construction projects.

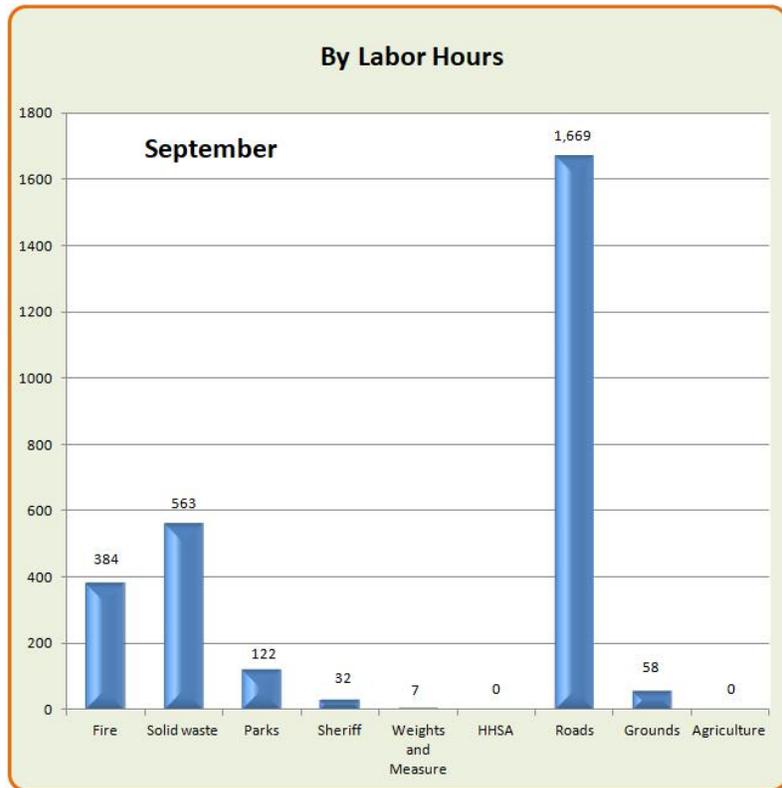
#### **SAFETY:**

- For the month of September there were 7 claims filed through Risk Management and 1 for a litigation hold at the intersection at Avenue 256 and Road 124 during this reporting period;
- Field visited 11 chipseal locations by our maintenance crew and 1 site visit during the pavement grinding operation for Group 2's contract work to observe safety practices and procedures;
- Conducted a safety inspection at the Terra Bella road yard.

## HEAVY EQUIPMENT MAINTENANCE DIVISION:

For the month of September, the Heavy Equipment Shop maintained various pieces of equipment for 7 agencies completing 414 work orders for a total of 2,835 hours as shown in the chart below:

| Agency              | Work Orders | Labor Hours |
|---------------------|-------------|-------------|
| Fire                | 49          | 384         |
| Solid waste         | 50          | 563         |
| Parks               | 21          | 122         |
| Sheriff             | 10          | 32          |
| Weights and Measure | 1           | 7           |
| HHSA                | 0           | 0           |
| Roads               | 274         | 1669        |
| Grounds             | 9           | 58          |
| Agriculture         | 0           | 0           |
| <b>Total</b>        | <b>414</b>  | <b>2835</b> |



## ENCROACHMENTS:

### ENCROACHMENTS

| Work Performed                                   | Last Month Total | This Month Total | Percent Increase/Decrease(-) from Last Month |
|--|------------------|------------------|--|
| Photos taken for encroachments, collisions, etc. | 1482             | 5008             | 238%   |
| Calls of complaints, violations                  | 22               | 27               | 23%  |
| Encroachments cases opened - Letters sent        | 3                | 2                | -33%   |
| Encroachment cases closed due to compliance      | 4                | 1                | -75%   |
| After hour alarm calls for roadyards             | 6                | 3                | -50%   |
| Miles driven to patrol roads                     | 2466             | 2543             | 3%   |

Note: The increase of photos taken were due to the photo documentation for the Chipseal program

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

- Received 3 after-hour calls for tripped alarm at our road yard facilities;

- Our Road Use Inspector took 3,526 pictures at all chipseal locations to provide photo documentation for signage placement and overall safety within the construction site;
- Follow-up on many encroachment complaints and violations such as the following regarding sign visibility obstruction on Road 216 at Avenue 95:



Stop sign obstructed by tree limb



Sign cleared of obstruction

**MANAGEMENT GROUP 2:**

**BRIDGE PROJECTS**



Construction of the M220 Bear Creek Road Bridge over Rancheria Creek continued at an accelerated rate during the month of September. Contractor Agee Construction placed all abutment drainage and fill material, removed Stage 2 falsework and formed/cast Stage 2 bridge railing. Agee also placed all roadway fill and approach roadway asphalt and cast the bridge closure pour tying both bridge segments from Stage 1 and 2 together. With the majority of work complete, during the month of October, Agee will complete all remaining punch list work including staining the bridge rails and pilasters and place art tiles procured by the Tulare Arts Consortium in place. Staff continues to work with Sequoia Riverlands Trust (SRT) to coordinate all bridge project revegetation/mitigation work to

be completed at the nearby Blue Oak Ranch Preserve. SRT is responsible for all site preparation, irrigation and monitoring over the next five years, placing completion of the revegetation project around fall of 2024.

During the month of September 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
- Avenue 108 Lakeland Canal Bridge

Design consultants continue to work on the final design phase the following projects:

- Avenue 424 Traver Canal Bridge
- Road 204 Wutchumna Ditch 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
- Mineral King Bridge

In August, construction authorization was received for the M348 over South Fork Kaweah River Bridge Project and during the month of September staff worked on finalizing the bid set and securing all outstanding permits ahead of project advertisement later this fall. Project construction is anticipated to begin in January of 2020 and will take approximately 9 months.

In September your Board certificated the MND for the **Mineral King (Oak Grove) Historic Bridge**. In the months ahead, staff will continue working with our consultants to initiate final project design.

## **ROAD CONSTRUCTION PROJECTS**

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

**Avenue 280 Widening Project:** In the month of September County staff continued to work with Cal Valley Construction to ensure all project documents are in place prior to closing out the project. To date the majority of this work has been complete and staff is waiting on a release of a stop payment notice from one of the sub-contractors before final payment can be made. Once received, staff will process the final payment to the contractor. It is anticipated that this project will be taken to the Board for formal acceptance in November.

**Allensworth School Sidewalk Project:** In the month of September County staff continued to work with DOD Construction to ensure all project documents are in place prior to closing out the project. The contractor re-mobilized their sub-contracted surveyor to the project site to correct the placement of the survey monument located within the intersection of Road 81 and Avenue 41. Now that this correction has been made, staff will begin to process the final payment to the contractor. It is anticipated that this project will be taken to the Board for formal acceptance in November.

**2017 Community Improvement Project - Phase 3:** The project was accepted by the Board on September 10<sup>th</sup> and the NOC for the project has been filed.

**Traver Jacob Street Improvements:** In early September a Pre-Construction meeting was held at the County's office and was attended by representatives of R.J. Berry Jr., Inc. As part of this meeting the contractor was provided with a Notice to Proceed for the project which set the first official working day as September 17<sup>th</sup>. The contractor started work on the project on the first official working day and since that time, has continued to make good progress. The contractor has been able to complete the excavation of the ponding basins located adjacent to both Burke Road and Jacobs Avenue. Upon completion of this work, the contractor immediately began working on the installation of the underground storm drainage pipe which was completed before the end of the month. Based on the contractor's current schedule, the majority of the work on the project will be complete by the end of October.



**Woodville Sidewalk Improvement:** In the month of September, DOD Construction was able to complete all remaining concrete work throughout the site. With the completion of this work, the contractor was able to turn their focus to the asphalt concrete tie-in work and will begin completing minor items of work including the installation of roadside signs and pavement markings. The contractor is currently behind schedule and has recently ran out of contract work time. Based on the rate of progress being observed by County staff, it is estimated that the contractor will be able to complete all remaining work on the project by the 3<sup>rd</sup> week of October which will result in approximately 15 days of work beyond allocated working time.



**Worth Drive (M146) Safety Improvement Project:** The contractor, Safety Striping Service Inc. began work on the project on September 3<sup>rd</sup>. Due to nature of the project (rumble strips, striping, and signage) all contract work was completed to the satisfaction of County staff within approximately 2 weeks. Upon completion, County staff and the contractor agreed to final payment quantities and the contractor was provided a Proposed Final Estimate which was quickly signed and returned. Staff is working to make final payment to the contractor and is working to ensure all necessary documentation is received from the contractor. Staff intends to take the project to the Board for formal acceptance in October.



**Earlmarl Park Improvement Project:** On September 26<sup>th</sup> a Pre-Construction meeting was held at the County's office and was attended by representatives of American Paving Co. As part of the meeting the contractor was provided a Notice to Proceed for the project which set the first official working day as October

14<sup>th</sup>. Since the time of this meeting the contractor has proceeded with providing material and administration submittals for the County's review. The contractor has been provided 50 working days to complete all work on the project. The contractor should be able to complete all work before the end of the year as long as weather does not delay their operations.

**Pixley Main St. Sidewalk Improvement Project:** The project is expected to be awarded at the October 8<sup>th</sup> BOS meeting to JT2 dba Todd Companies of Visalia, CA. Upon award of the project County staff will schedule a construction transition meeting and a pre-construction meeting afterwards. It is anticipated that work on the project will begin by the mid-November.

**Alpaugh Center Street Improvements Project:** The project design is under review due to an anticipated modification in the scope. This modification is the possible inclusion of pavement surface improvements along Wilbur Road and other drainage improvements. Staff is working with the School District to secure a site for a drainage basin.

**Avenue 144 & Road 96 Roundabout Project:** Staff has submitted the Preliminary Environmental Study package to Caltrans. Upon approval of the package, a NEPA clearance certification will be issued. Staff will be able to submit the Request for Authorization to proceed with ROW and Utility relocations following this phase. Thirty-percent plans are the next project milestone.

**Community Accessibility Enhancement Project:** In the month of September the contractor, MAC General Engineering, has completed all work in the communities of Orosi and Poplar and the majority of the work in the community of Strathmore. The only remaining work on the project is the installation of a pair of Rectangular Rapid Flashing Beacons (RRFB's) to be installed at the intersection of Avenue 196 and Road 228 as well as at the mid-block crossing in front of Strathmore High School (as part of change order work). This work is scheduled to be completed the 3<sup>rd</sup> week of October at which point the project should be accepted as substantially complete by the Engineer then County staff can begin processing final payment to the Contractor.



**2019 RRAA Project 1:** Teichert Construction began work on the project the first week of September. Based on the previously approved schedule Teichert began work on Road 224 (between Fir Street and Ave 250) consisting of isolated pavement repairs followed by the installation of pavement reinforcing fabric and a hot mix asphalt overlay over the length of the project. Once complete, the contractor mobilized equipment to Road 271 (west of Road 122 to Road 128) where similar pavement repair and overlay work was completed. The



contractor then mobilized crews to the Road 108 project location (between Pratt Road and Avenue 328) where crews were able to complete the pavement reconstruction work adjacent to the Saint Johns River Bridge as well as complete the isolated pavement repairs throughout the site. The contractor ended the month by returning crews to the Road 224 and Road 271 project locations where shoulder backing operation was completed. The contractor will return to the Road 108 project location in early October to complete overlay work before moving on to the remaining locations.

**2019 RRAA Project 2:** The re-advertisement of the 2019 RRAA Project 2 is underway. The bid opening is scheduled for October 3, 2019.

**Road 192 & Road 204 Rehabilitation Project:** In mid-September a Pre-Construction meeting was held at the County's office and was attended by representatives of Agee Construction Corporation. As part of the meeting, the Contractor was provided a Notice to Proceed for the project which set the first official working day as October 14<sup>th</sup>. Since the time of this meeting the contractor has proceeded with providing material and administration submittals for the County's review. The contractor has been provided 40 working days to complete all work on the project. Based on the contractors schedule they plan on completing all work on the project by mid-November.

**Avenue 232 Safety Improvement Project:** We are currently in the right-of-way acquisition and utility relocation phase. To aid with the right-of-way acquisition process, a public outreach meeting is scheduled for October 10, 2019 at Buena Vista Elementary School. The appraisal phase will begin mid-October. The 65% PS&E are complete and are undergoing internal quality control.

**Road 64 Improvement Project:** Important feedback was obtained from a public outreach meeting that was held on August 21, 2019 at Goshen Elementary School. The road alignment is under review to determine the best alternative in respect to the project schedule and cost. The project is currently funded through the right-of-way phase.

**Avenue 80 Railroad Crossing Improvements:** We received signal design and estimate from UPRR. Final review of the GO-88B by UPRR is needed to proceed with the next step. The next step will be to send over GO-88B to CPUC for final concurrence. The PS&E phase is underway, pending internal review.

**Earlimart ATP Sidewalk Improvements:** Design for this project is underway. Construction for this project is anticipated to begin in late Summer of 2020.

**Avenue 328 Safety Improvement Project:** This project was awarded in HSIP Cycle 7. The scope includes the installation of left-turn lanes along Avenue 328 at the intersections of Road 112, Road 138, and Road 156. Staff is currently working on the environmental documents, NEPA and CEQA.

**Avenue 256 & Road 204 Signalization and Rehabilitation Project:** Design is currently underway.

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

Public Works provided GIS Maps to other branches of the Resource Management Agency. In August 85 maps were provided to the Planners for 19 separate projects.

#### **ENCROACHMENT PERMITS**

In September staff processed a total of 50 new encroachment permit applications. The permit processing numbers remain at high levels. County inspectors provided oversight and daily inspections for 30-40 daily/recurring active projects, and 4 tracts/parcel improvement projects.

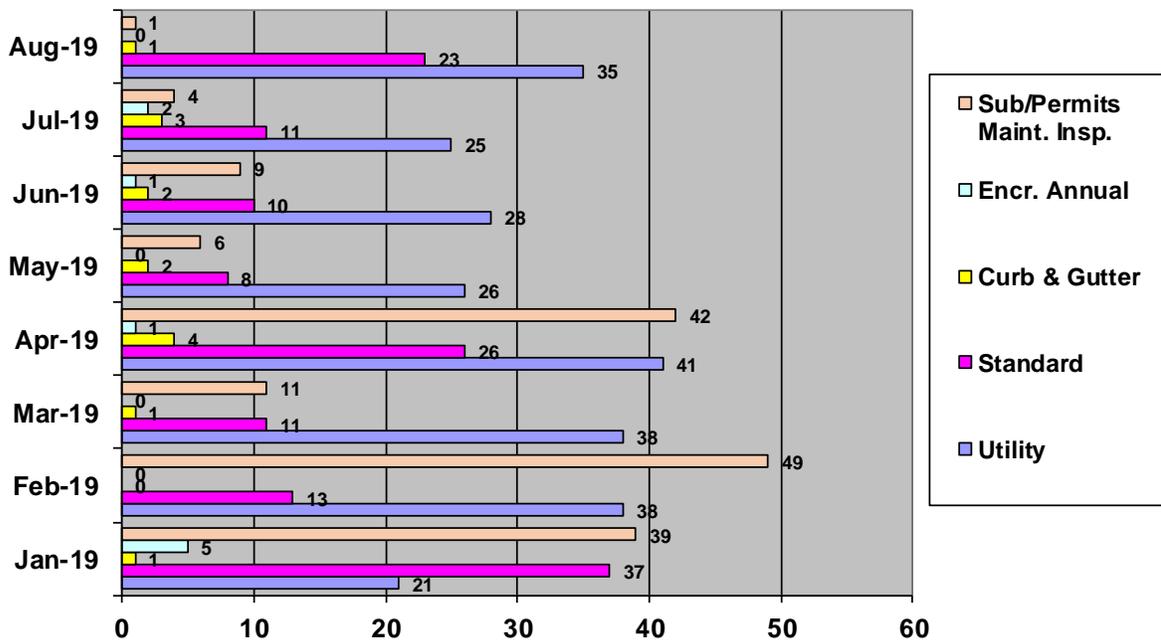
September Permit Large Project Review:

- Gas Co- *ENC1900422* – Final review and comment completed for the Tipton to Deer Creek Gas Pipeline upgrade and pressure betterment process. This latest phase of review and permitting may occur in late 2019 or spring of 2020. This part of the project will install a 12-inch steel pipeline along Ave 152 and Road 192. The engineering estimate of cost is approximately \$22,000,000.

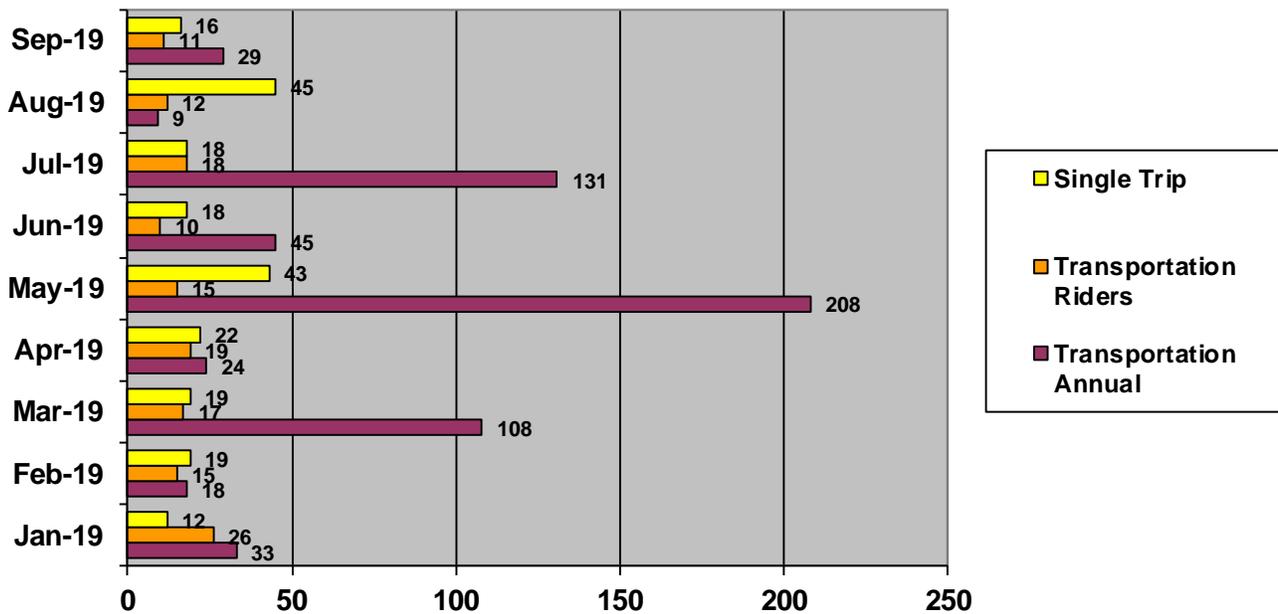
September Permits Processed:

- Processed and issued a total of 45 transportation permits comprised of: 11 rider permits, 16 single-trip permits (including over-sized or overweight loads) and 29 blanket/annual permits;
- Issued 4 sub-encroachment permits for inspections of job sites under utility company annual/blanket maintenance permits, as well as reviewed sites, signing and safety for dozens of short-term repairs;
- Reviewed routing and issued permits for 1 house structure relocation;
- Processed documents, reviewed traffic control plans/routes, and issued 3 special event/parade permits.

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



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



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

**Gas Company – ENC1900351 PSEP Gas Pipeline Pressure Betterment Project:** Work began in September, with pipe welding and structural reviews and inspections, as well as trenching and backfilling along Avenue 152. This is an additional phase to the series of pipeline upgrades that have been installed for the past few years, linking sources in Tulare, Tipton, Cotton Center, Poplar, and south Tulare County to upgraded services with larger delivery capacity. This project is installing a 16-inch steel pipeline along the shoulder of Avenue 152, starting near Tipton and continuing east to a junction station near Road 168. Engineering estimated cost of project, approximately \$8,000,000.



**Tract Map–TSM17-001/ Quail Ranch:** This is a rural subdivision located on Road 132, east of Tulare and south of State Route 137. Final punch list items are being noted and addressed. Barricades and signing are in place. Manhole structures have been leveled to finish grade and re-paved. Lots are being sold. 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 have been providing oversight for all infrastructure improvements, including electrical, natural gas, and telecommunications. Also included are curb and gutter and storm drain and paving improvements. This project is near completion.

**Parcel Map Improvements/Sequoia Commons (Self-Help Enterprises):** These parcel improvements are along Riggan Avenue in the Goshen area, and will also be constructing a new road, Florence, intersecting with Riggan. 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 drain, sewer, and water pipelines are installed, as well as concrete curb and gutter. The pavement is substantially complete and will soon be ready for final elevation checks.



**Tract Map–789/Goshen Village Phase 1:** Construction of the portion of the tract along Avenue 310 in Goshen has progressed; paving will be completed on phase one (including Ave. 310 frontage), within the week, curb and gutter are poured; model homes are nearing completion.



This project will also include improvements to the entire area between Avenue 308 and Avenue 310, making available more than 70 single dwelling residential building lots. Work on the underground improvements to the internal portion of the tract is substantially complete. County inspectors have been providing oversight for water, sewer and storm drain pipelines, utility trenching including electrical, gas, telecom and cable services. Also included in the inspection duties are the subgrade structures, compaction testing and paving sections, curb and gutter, sidewalks and all ADA installations.

**Tract Map-TSM16-002/Kingsburg Hash Subdivision: ENC1900042:** Final roads inside the tract are being completed and paving should commence any day. An encroachment permit was issued for work that is now substantially complete within the current right-of-way of Avenue 396. Our inspectors are providing oversight for water main pipelines, sewer and storm drain pipelines, utility trenching including electrical, gas, telecom, and cable services. Paving has been performed on Ave 396 and within the tract. Also included in the inspection duties are the subgrade structures, testing and paving sections, curb and gutter, sidewalks and all ADA installations. Final items are being addresses for project completion.

Model homes have been constructed and are substantially complete at this time. 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.

## **TREE MORTALITY**

Tulare County Fire hand crews felled 1,006 high hazard trees in the County's right-of-way of the Western Divide area in September.

## **MANAGEMENT GROUP 3:**

### **TRANSIT**

Staff attended and provided transit ridership and service information at the Monson-Sultana Town hall meeting on September 17, 2019, held at Monson-Sultana Elementary School. Fixed-route and Dial-A-Ride information were provided. A request for a bus shelter was requested for Route 10 Northbound in Sultana at the Post office. Staff, with the help of the contractor, are currently conducting a ridership study in this area.

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. This data has generally been presented on a one-month delay to account for the reporting deadline in the transit services contract. As such, the chart here shows data for August:

|                                    | <b>August</b> | <b>Prior August</b> | <b>Change</b> | <b>FYTD</b> | <b>Prior FYTD</b> | <b>Change</b> |
|------------------------------------|---------------|---------------------|---------------|-------------|-------------------|---------------|
| Total Ridership                    | 23,818        | 25,875              | -7.95%        | 42,445      | 45,510            | -6.73%        |
| Fixed Route Ridership              | 23,320        | 25,120              | -7.17%        | 41,409      | 44,163            | -6.24%        |
| Demand Response Ridership          | 498           | 755                 | -34.04%       | 1,036       | 1,347             | -23.09%       |
| Fixed Route Passengers per Mile    | .26           | .29                 | -10.34%       | 7.17        | 3.85              | 86.23%        |
| Demand Response Passenger per Hour | 1.94          | 1.79                | 8.38%         | 1.77        | 1.81              | -2.21%        |

Staff are working to revamp the transit ridership report and will provide a separate transit report for all of FY2018/19 in the near future. Staff is also aiming to revamp these monthly reporting activities in the coming months to comply with the current Transit Development Plan which recommended productivity metrics and benchmarks be prepared and reviewed on a monthly basis.

Staff submitted a project proposal to TCAG for Congestion Mitigation and Air Quality (CMAQ) funds for the replacement of (2) transit buses. Tulare County Area Transit operates the County's Transit system. Depending on the availability of funds and response from TCAG, staff may submit an application for this grant to the Board for approval. The cost of these new buses is estimated at \$1,050,000, and Measure R funds will be used to cover the local match of 11.47% requirement.

Caltrans conducted a site visit on 9/10/2019, during which the District Representative reviewed an Agency Monitoring Report of Tulare County Area Transit. This monitoring consisted of reviewing various documents related to financial management, procurement, DBE, TAM, ADA, Title VI, EEO and maintenance policies. TCaT was found to be compliant with monitoring for all relevant programs and requirements. The Representative will be conducting another site visit 10/09/2019 to inspect all federally funded transit vehicles.

## ZONES OF BENEFIT

The Terra Bella Sewer Maintenance District experienced a sewer spill on September 18, 2019 due to a clogged manhole caused by debris, grease, and sanitary tissue from a trailer park. The spill was contained within the area of the spill and a nearby storm water facility. The manhole was unclogged and the spill site including the storm water facility disinfected. That particular manhole is prone to sewer spills because it is shallow. Staff is looking into adding a monitoring and alarm system in order to prevent future spills. Staff also observed that a lateral from the trailer park is deteriorating and will be addressing this with the property owner. The wastewater operator submitted the appropriate report to the corresponding regulators and the Legal Responsible Officer will submit the approved report in early October.

Operations and maintenance of Zones of Benefit sewer systems continued with **no spills** in the remaining sewer systems for the month of September 2019.

Operations and maintenance of Zones of Benefit water systems continued in September 2019 with **no known service interruptions** in Yettem and Delft Colony.

On September 20, 2019 the Seville Water system experienced a leak affecting the Seville Water system. The leak was repaired the same day. Due to the possibility of disruptions in service in Seville, users were notified of the possibility of water outage 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 5,000gallon non-potable water tanks are available to the school and the community.

The billing statements for September 2019 for the Yettem & Seville Water Systems reflect the new rates adopted on August 20, 2019 through County of Tulare Resolution 2019-0734 and were mailed out on September 30, 2019.

The table below summarizes the water production and wastewater treatment for the month of August, 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<br>August 2019 |                                   |            |                              |                   |
|---|-----------------------------------|------------|------------------------------|-------------------|
| Sewer Systems   |                                   |            | Water Systems                |                   |
|   | Total Monthly Flow (Gallons)      | % Capacity | Total Monthly Flow (Gallons) |                   |
| Delft Sewer   | 674,129                           | 38%        | Delft Water                  | 3,084,000         |
| Seville Sewer   | 712,940                           | 46%        | Seville Water                | 3,118,100         |
| Yettem Sewer  | 799,261                           | 61%        | Yettem Water                 | 1,797,500         |
| Wells Tract Sewer   | 447,000                           | 76%        | Wells Tract Water            | 2,652,900         |
| Tonyville Sewer   | 387,190                           | 18%        |                              |                   |
| Tooleville Sewer  | 552,327                           | 51%        |                              |                   |
| Traver Sewer  | 1,281,540                         | 46%        |                              |                   |
| TBSMD   | 3,595,008                         | 39%        |                              |                   |
| El Rancho Sewer   | <b>Treatment provided by City</b> |            |                              |                   |
| <b>TOTAL</b>  | <b>8,449,395</b>                  |            | <b>TOTAL</b>                 | <b>10,652,500</b> |

## **WATER/SEWER PROJECTS**

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Construction of Phase 1 of the Yettem-Seville Water System Improvement Project is ongoing. Staff met with the Contractor and other involved parties to discuss the final testing and acceptance of the project. The distribution system may be accepted as early as the last week of October, the tank site is expect to be ready for acceptance a week or two after the distribution system.

Per the Notice to Proceed (NTP) issued on January 2, 2019, the contractor was given 250 calendar days to complete the work, making the expected last day of work September 9, 2019. Due to delays cause by the approval of the encroachment agreement for the crossing of Alta Irrigation District canal infrastructure, work has continued beyond the expected last day of work from the NTP. The County and the Contractor are currently negotiating the addition of calendar days to the contract due to the delay caused by the encroachment agreement approval. Staff feels that the contractor has worked diligently toward the completion of the project. The Contractor has been paid for 51% of the contract amount for work completed before August 31<sup>st</sup>.

Staff continue to work on the Phase 2 grant application for the interconnection of the Yettem and Seville Water Systems. Staff intend to present a draft application to the Board in November.

## **SEQUOIA FIELD AIRPORT**

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Staff are performing final revisions on the project specifications for the Navigation Aids at Sequoia Field project. Advertisement of the project is currently slated to occur within the second week of October with bid opening following on the last day of October. The PAPI lights will be furnished as construction materials to the contractor with the lowest most responsive base bid. Staff anticipate a three-week advertisement of the project and a formal award of the construction contract to be made, following Board approval, in December.

Staff have received tentative approval of the Airport Layout Plan (ALP) from the FAA, but will need to present the ALP to the Board for approval and signature by the Chairman. This approval and signatures will be necessary for the closeout of the ALP Grant. Staff will present the ALP and a status update on the Navigation Aids project at a meeting in October or November.

One of the airport tenants, Vortex Powered Paragliding, held a gathering for paragliders over Labor Day weekend. About 50 powered paragliders came from across the state and held discussions and flying demonstrations.

## **FLOOD CONTROL**

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The Flood Commission met on September 27, however, a quorum was lost when one commissioner needed to leave early. During this meeting, staff presented the current design of the Strathmore Project, including comments from the Friant Water Authority (FWA) and US Bureau of Reclamation (USBR). The Commissioners provided good insight into the project and presentation during the upcoming meeting with these entities. The Encroachment Permit Application to the USBR for the Strathmore Flood Control Project is on hold until issues with the FWA have been resolved. A meeting is scheduled for 10/4/19 to review concerns of the Friant Water Authority. It was determined that a meeting with the Bureau of Reclamation would be required and has been scheduled. Staff continues to finalize technical specifications.

Staff are working to prepare for the annual preseason flood coordination meetings. Meetings have been scheduled to occur in October.

Staff attended the NWS Hanford – River Flood meeting to review preparation for the upcoming flood season.

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

### **Transit Operations and Maintenance Facility Project:**



In the month of Septmeber the Contractor, Seals Construcion Inc., continued to make good progress. Crews were on site continuing to work on some of the final components of the Maintenance building including the completion of the roll-up service doors and epoxy flooring as well as continuing to work on electrical componenets throughtout the building. At this time the Operations builidng is mostly complete and the contractor is awaiting electrical connection from SCE before they are able to complete work and test the electical and mechanical systems. The site is nearing a point

where power can be supplied as the contractor has recently installed the service panel which was inspected and imporved by the County Building Department. Around site, substantial progress has been made as the contractor completed the final grading of the aggregate base followed by the installation of hot mix asphalt throught the site including the shared access road, west parking area, and the bus access road to the north. Additionally, the contractor had crews on site beginning to work on the landscaping and irrigation components as well as installing the perminate fencing and flag pole. Based on the work remaining, the project should be complete by the end of November and County staff is beginning to work with the design architect to schedule a final walk through.



### **CNG Fueling System Project:**

In the month of September Hobbs Construction continued to progress throught the submittal process and is getting close to beginning work on site. By the end of the month the contractor submitted an updated project schedule showing site work beginning by the third week of October and having the majority of the underground and paving work complete before the end of the year. Staff is continuing to work with Southern California Gas to provide service to the upcoming CNG Fueling Facility. Southern California Gas has conditionally accepted the County's previously submitted pressure request pending the installation of the Tulare betterment project which will increase the presure of the line feeding the proposed fueling system. Southern California Gas anticipated the betterment project will start in October and will be completed by February 2020.

## **MANAGEMENT GROUP 4:**

### **SURVEYOR'S OFFICE**

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The activities and projects in process and/or completed in September 2019 are as follows:

|                           |    |                          |    |
|---------------------------|----|--------------------------|----|
| Certificate of Compliance | 1  | Public Document Requests | 22 |
| Corner Record             | 49 | Record of Survey         | 31 |
| Elevation Certificate     | 4  | Tract Map                | 5  |
| Lot Line Adjustment       | 2  | Vacation of Right-of-way | 2  |
| Merger of Parcels         | 6  | Waived Parcel Map        | 3  |
| Parcel Map                | 20 |                          |    |

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

|                            |                                  |
|----------------------------|----------------------------------|
| 2019 RRAA Project 1        | Plainview-M R (Maint.)           |
| Allensworth Sidewalk       | Poplar Crossing Road 192         |
| Bridge Balch Park Road     | Richgrove-M R (Maint.)           |
| Ducor-Measure R (Maint.)   | Strathmore Avenue 196 & Road 228 |
| Earlimart Sidewalk Project | SW - Teapot Dome                 |
| Encroachment (multiple)    | Terra Bella-M R (Maint.)         |
| HSIP Cycle7 A232           | Teviston-M R (Maint.)            |
| HSIP Cycle 7 Worth         | TOMF                             |
| Measure R Mountain         | Woodville Sidewalk               |
| Patching-M R (Maint.)      | Yokohl-M R (Maint.)              |

Respectfully submitted,

***Reed Schenke***

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REED SCHENKE, PE  
Director

RS/nw

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

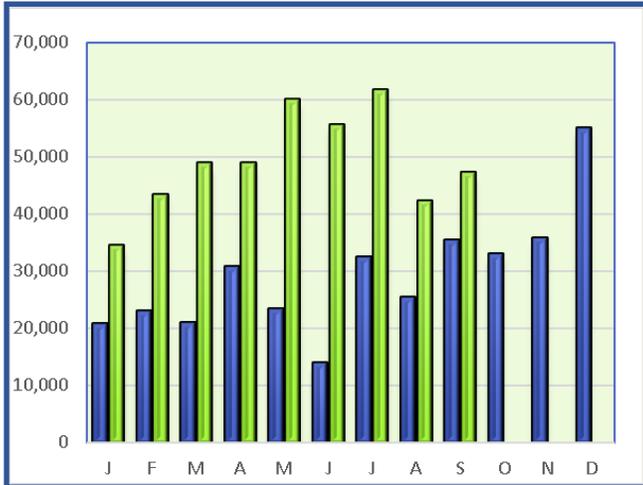
# Tulare County RMA – Road Maintenance Activities

## September 2019

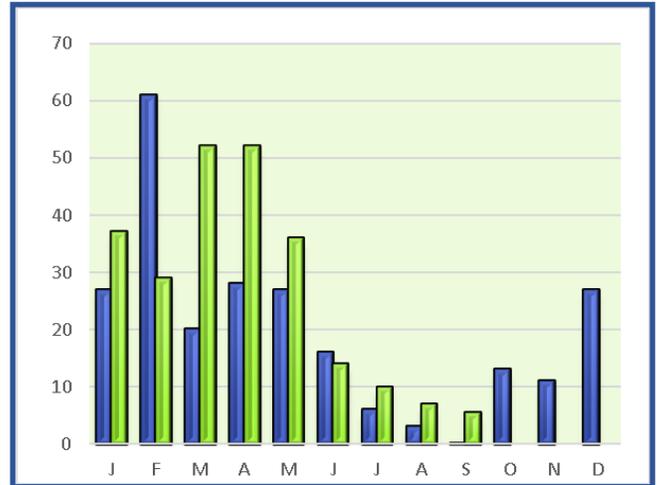


Green = 2019 Blue = 2018

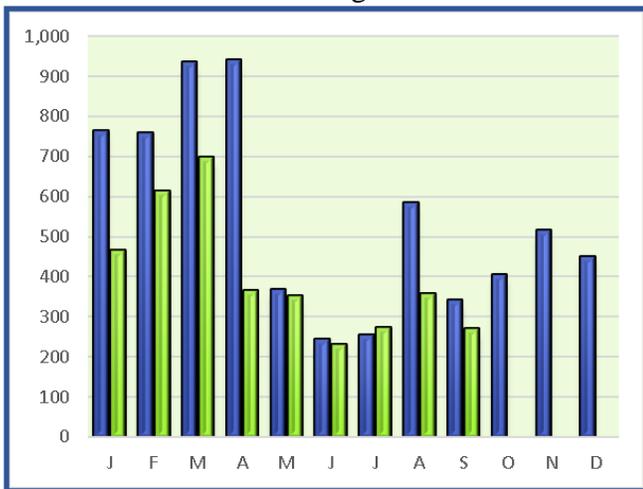
Potholes Patched



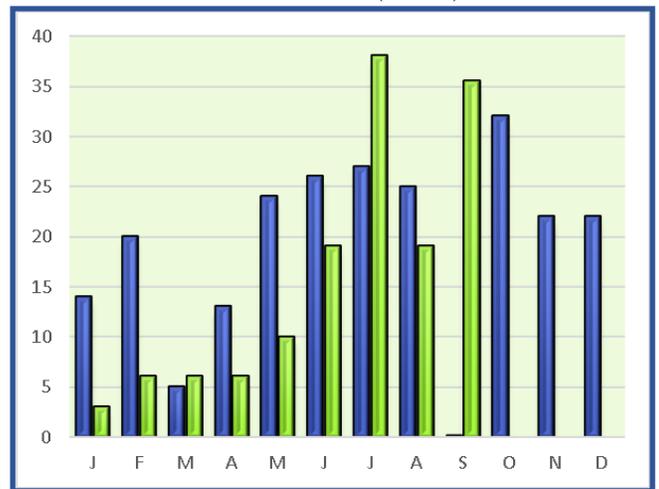
Shoulder Maintenance (miles)



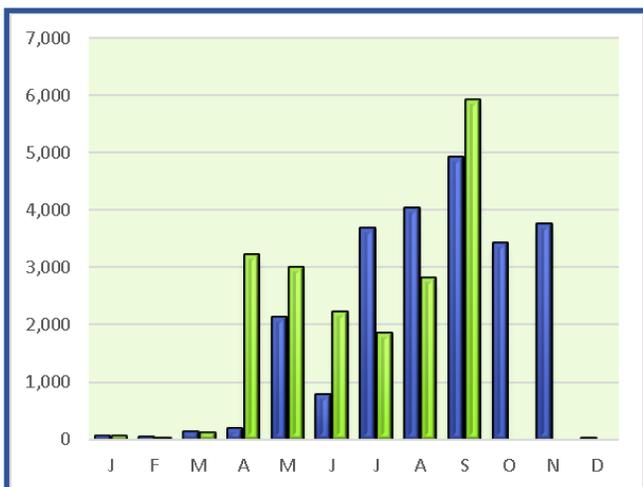
Traffic Signs



Blade Patch (miles)



Road Stencil (sq ft)



Road Stripe (miles)

