



RESOURCE MANAGEMENT AGENCY

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| | |
|---------------|-----------------------------------|
| Aaron R. Bock | Economic Development and Planning |
| Reed Schenke | Public Works |
| Sherman Dix | Fiscal Services |

REED SCHENKE, DIRECTOR

MICHAEL WASHAM, ASSOCIATE DIRECTOR

March 4, 2020

Supervisor Kuyler Crocker (District One)
Supervisor Pete Vander Poel, (Chair) (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 February 2020.

County Survey Team

The County Surveyor's Office is part of the Public Works Branch of the Resource Management Agency (RMA). Our staff consists of 4 licensed land surveyors who provide services to Public Works, other County agencies, and to the general public. In addition to the day-to-day services there are many official duties of the County Surveyor, prescribed by County Ordinance Code and state law. The Tulare County Surveyor also acts as the Kings County Surveyor, which is a unique arrangement that benefits both counties. All field surveying is accomplished by two of the land surveyors, who use state of the art equipment that enable each surveyor to perform as a one-person survey crew. The field surveyors are highly capable in using sophisticated surveying equipment and technology, resulting in efficiencies and productivity that benefit our customers. In the office, many services are provided, mostly related to subdivisions of land. Land Surveyors are the only persons permitted by law who can prepare legal descriptions of land. In this regard, we also work with the County's property management teams on their land related transactions. The accomplishments of the County Surveyor's Office are made possible by the support of RMA.



MANAGEMENT GROUP 1:

For February work highlights performed by Management Group 1 are as follows:

ROAD MAINTENANCE

| Work Performed | LAST Month Total | THIS Month Total | Percent Increase/Decrease(-) from Prior Month |
|----------------------------|---------------------|---------------------|---|
| Potholes Patched | 52350 | 31243 | -40% |
| Shoulder work (Lane miles) | 74 | 72 | -2% |
| Blade Patches (Miles) | 2.5 | 16.5 | 560% |
| Bridges maintained | 8 | 5 | -38% |
| Constituent requests | 112 | 87 | -22% |
| After hour call-outs | 7 | 11 | 57% |

Tulare County Management Group 1 was requested by KMPH News for short interview regarding the tremendous effort and funds the Roads Department have invested into fill potholes around the County:



Graphs showing a comparison of the work performed in 2019 and 2020 by the Roads Department is attached to the end of this report.

ROAD DISTRICT 1:

Activities in February include:

Shoulder work/brushing at Lower Pierpoint in Camp Nelson



Shoulder work along Avenue 256



- Repaired collapsed pipe crossing on Road 259 and Avenue 150;
- Utilized Mountain Home crews to clear brush on Blue Ridge, Balch Park and Yokohl Drive;
- Patched approximately 4,418 potholes.

ROAD DISTRICT 2:

Activities in February include:

Bridge/culvert maintenance near Avenue 264 and Road 164



Tree trimming on Avenue 88, east of Road 104



- Repaired bridge rail at I Street, north of Avenue 184 and at Road 140 and Avenue 272;
- Performed blade patching on portions of Road 40, Avenue 128 and Road 72;
- Patched approximately 13,305 potholes.

ROAD DISTRICT 4:

Activities in February include:

Railroad crossing removal on Avenue 353, east of Road 180



Blade patching on Road 188 near Avenue 344



- Performed trimming, mowing, and weed abatement at 24 locations around the district;
- Conducted culvert maintenance at the Sand Creek Dam and Road 36 north of Avenue 352;
- Patched approximately 6,370 potholes.

ROAD DISTRICT 5:

Activities in February include:

- Blade patching around District 5:



- Conducted Fast Track Seal test strip on Avenue 124 west of Road 268 to seal chip rock:



- Performed shoulder work on 7 locations around the district, totaling 43 lane miles;
- Patched approximately 7,150 potholes.

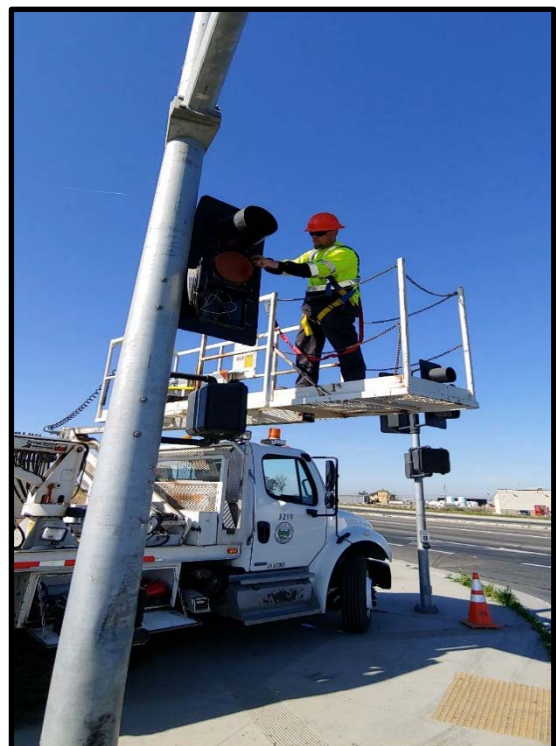
TRAFFIC CONTROL:

Activities in February include:

SIGN MAINTENANCE

| Work Performed | Last Month Total | This Month Total | Percent Increase/Decrease(-) from Prior Month |
|---|---------------------|---------------------|---|
| New signs installed | 19 | 27 | 42% |
| Routine maintenance of signs | 238 | 113 | -53% |
| Vandalized signs repaired/replaced | 53 | 124 | 134% |
| Worn traffic signs repaired/replaced | 119 | 68 | -43% |
| Miles of Road striped | 36.5 | 131 | 259% |
| Stencils installed (Sq ft) | 146 | 50 | -66% |
| Traffic signal/light repair | 4 | 5 | 25% |
| Illegal signs Removed from Right of Way | 0 | 0 | 0% |

- Installed “Watch for Stopped Vehicles” signs on Westwood Street;
- Updated signing/stenciling at Avenue 256 at Road 108 and Avenue 328 at Road 132 intersections;
- Signal repair at Betty Drive and Robinson Road:



- Installed Alpine Village sign:



TRAFFIC DIVISION:

- Staff reviewed constituent requests for Stop signs, speed advisories, etc. as they were received;
- Evaluating concern for traffic speed on Road 224 (Westwood) between Friant-Kern Canal and Avenue 192;
- Evaluating Plainview community request to install truck parking weight limit signs and prepare Agenda Item;
- Contact with various school districts regarding their concerns for traffic safety devices and signage;
- Conduct signal warrant study at Avenue 256 and Road 108;
- Continued gathering traffic data information as requested for pre and post construction projects.

ENCROACHMENTS:

| Work Performed | Last Month Total | This Month Total | Percent Increase/Decrease(-) from Last Month |
|--|---------------------|---------------------|--|
| Photos taken for encroachments, collisions, etc. | 189 | 165 | -13% |
| Calls of complaints, violations | 22 | 19 | -14% |
| Encroachments cases opened - Letters sent | 5 | 3 | -40% |
| Encroachment cases closed due to compliance | 3 | 2 | -33% |
| After hour alarm calls for roadyards | 4 | 2 | -50% |
| Miles driven to patrol roads | 2184 | 1981 | -9% |

Encroachments within the right-of-way were addressed as follows:

- Received 2 after-hour calls for tripped alarms;
- Encroachment case closed for tree encroaching on right-of-way on Road 224:

Before

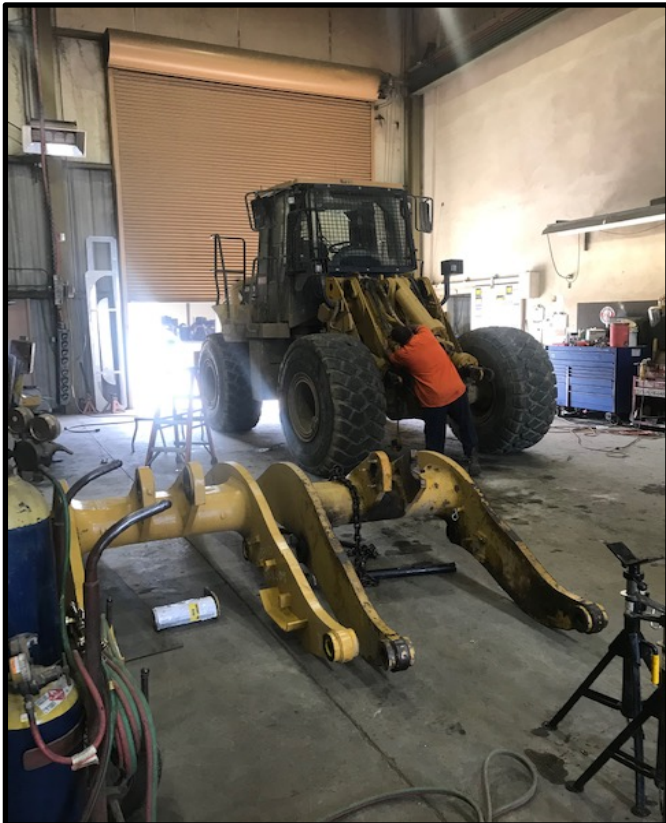
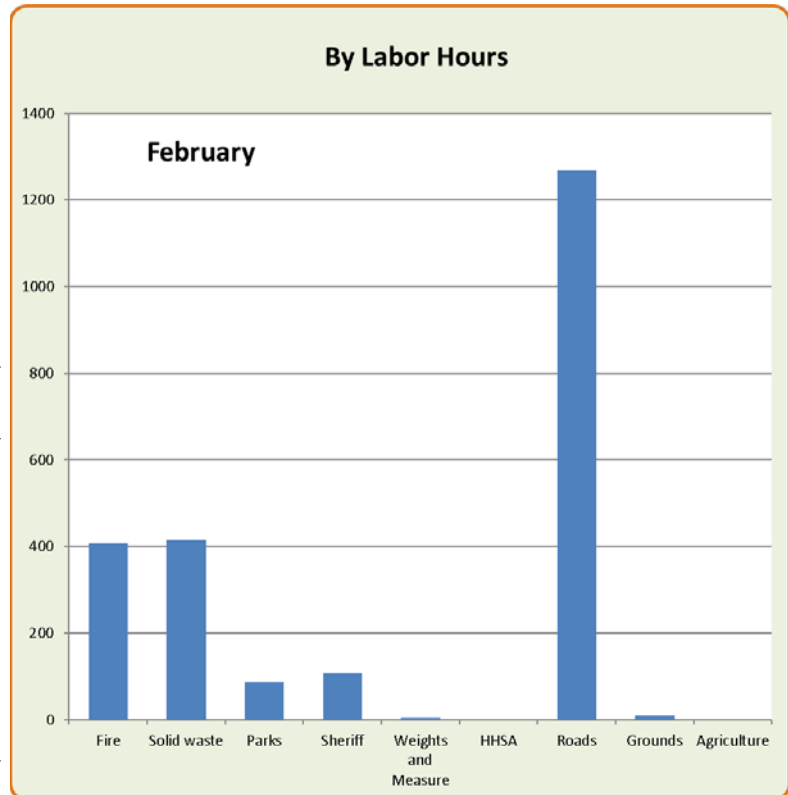
After



HEAVY EQUIPMENT MAINTENANCE DIVISION:

The Heavy Equipment Shop maintained various pieces of equipment for 7 agencies in February, completing 417 work orders for a total of 2,298.5 hours as shown in the chart below:

| Agency | Work Orders | Labor Hours |
|---------------------|-------------|---------------|
| Fire | 41 | 407 |
| Solid waste | 56 | 414 |
| Parks | 17 | 86.5 |
| Sheriff | 9 | 107.5 |
| Weights and Measure | 2 | 5 |
| HHSA | 0 | 0 |
| Roads | 288 | 1269 |
| Grounds | 4 | 9.5 |
| Agriculture | 0 | 0 |
| Total | 417 | 2298.5 |



New Format for Management Groups 2 & 3



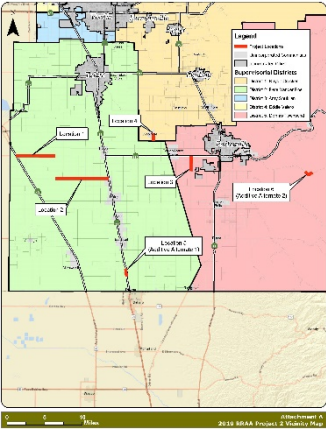
The Public Works team has collaborated to revise the way public works design and construction projects are presented in this report. Projects within the table are color coded into one of three phases based on their current status and critical path.


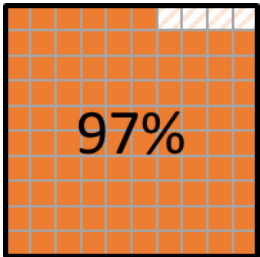
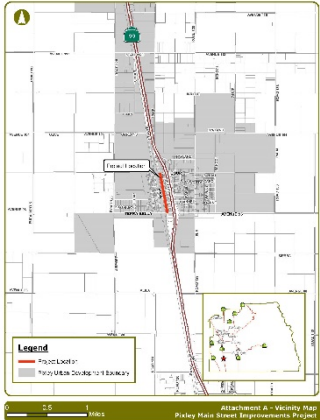
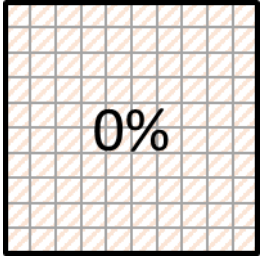

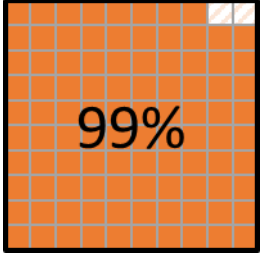
Projects in the **Design Phase** are shown in **BLUE**, which includes projects currently in design, currently undergoing permitting and environmental approvals, awaiting funding approvals, and seeking community/stakeholder input. Percentage of completion of Design Projects is based on the current status of the project's design as determined by the project lead considering project milestones.


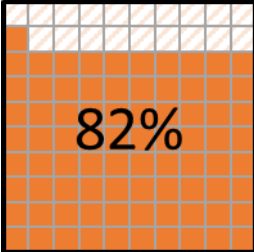

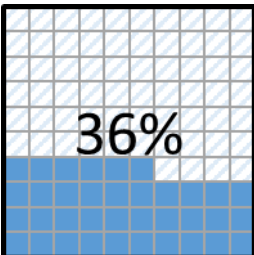

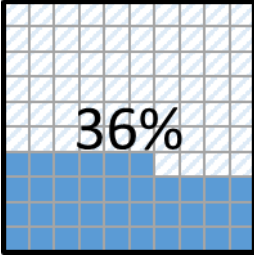
Projects in the **Right of Way Phase** are shown using **GREEN**, which includes projects where the County is actively obtaining the necessary right-of-way to complete the project. Projects which are in both the Right-of-Way and Design Phase will be presented in the phase which is in the critical path towards project completion. Percentage of completion of Right-of-Way Projects is based on the current status of the project's design as determined by the project lead considering project milestones.


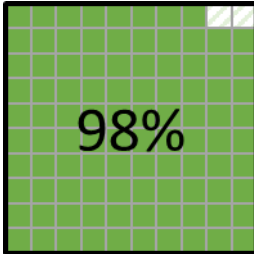

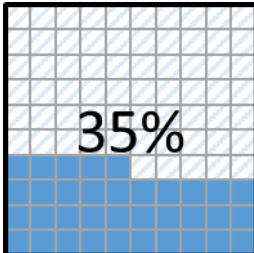

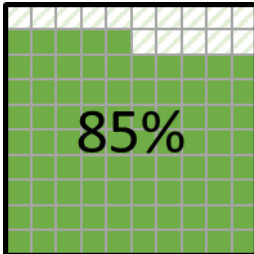
Projects in the **Construction Phase** are presented in **ORANGE**, which includes all projects that have been awarded by the Board of Supervisors but have not had their Notice of Completion approved by the Board of Supervisors. The percentage of completeness for Construction Projects is based on the most recent payment as compared to the total of construction contract including any duly approved change orders as of the end of the month.


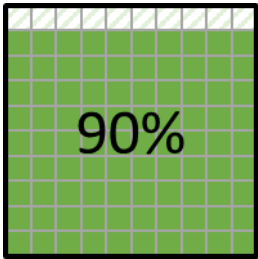

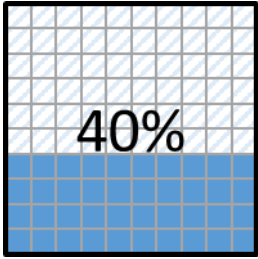

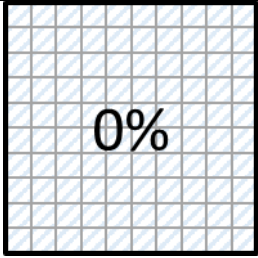
Projects which are substantially complete are marked with an overlay of "COMPLETE" and will continue to be shown on the report until they are closed out and the Notice of Completion is issued.


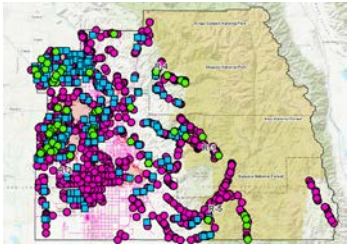

| Project Name | Contacts | Description | Progress Update | Project Budget | Completion |
|--|--|--|--|---|--|
| Earlimart Park Sidewalk Improvement Project  <p>Newly constructed ADA Curb ramp located south of the park at Church and Elm</p> | District: No. 2 - Pete Vander Poel Division: MG2 – Roads Designer: Tulare County RMA Contractor: American Paving Inc. | Installation of sidewalk, ADA ramps, driveways, curb and gutter, and drainage infrastructure around Earlimart Park and Earlimart Elementary School. Funding: Federal (ATP), and Local County Road Funds | <ul style="list-style-type: none"> Project accepted as substantially complete by Engineer on 1/13/20 Contractor has completed all punch list work County staff ensuring paperwork has been submitted for project closeout Anticipated NOC, March 2020. | Budget: \$ 520,690 Award: \$ 483,990 CO's to Date¹: \$ 23,997.12 Total Contract: \$ 483,990 Payments: \$ 510,039 Last Payment: Pending 03/2020 (Final) | <div>100%</div> <p>Substantial Completion: January 2020</p> <div>Design R-O-W Const.</div> |
| 2019 RRAA Project 1  <p>Road 152 located south of Avenue 240</p> | District: Nos. 1, 2, 3, & 4 Division: MG 2 – Roads Designer: Tulare County RMA Contractor: Teichert Construction | Road Maintenance Project consisting of asphalt resurfacing and Pulverization on the following roads: Rd 152, Rd 144, Ave 272, Ave 264, Rd 108, & Rd 224 Funding: Local County Road Funds (SB1) | <ul style="list-style-type: none"> Project accepted as substantial complete by Engineer on 11/26/19 County staff ensuring paperwork has been submitted for project closeout Negotiating final CCC's | Budget: \$ 5,151,480 Award: \$ 4,894,267 CO's to Date¹: \$ 0 Total Contract: \$ 4,894,267 Payments: \$ 4,511,873 Last Payment: 11/30/2019 1. CCO's pending for Oil Index, estimated credit in the value of (\$56,000). Balance CCO forthcoming. | <div>92%</div> <p>Substantial Completion: November 2019</p> <div>Design R-O-W Const.</div> |
| 2019 RRAA Project 2  <p>Locations of various roads included in the project</p> | District: Nos. 2, 4, & 5 Division: MG2 – Roads Designer: Tulare County RMA Contractor: Teichert Construction | Road Maintenance Project consisting of asphalt resurfacing and pulverization on the following roads: Ave 144, Ave 120, Rd 208, Rd 168, & D 140. Funding: Local County Road Funds (SB1) | <ul style="list-style-type: none"> Continued Submittal review. Pre-Construction meeting planned for February of 2020. Construction anticipated to begin in March of 2020. | Budget: \$ 6,771,377 Award: \$ 6,437,026 CO's to Date: \$ 0 Total Contract: \$ 6,771,377 Payments: \$ 0 Last Payment: N/A | <div>0%</div> <p>Expected Start: March 2020</p> <div>Design R-O-W Const.</div> |


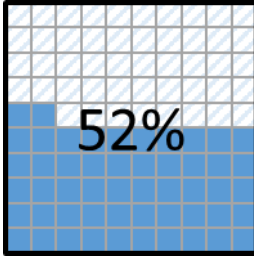

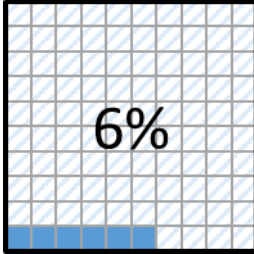

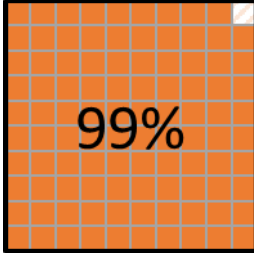
| Project Name | Contacts | Description | Progress Update | Project Budget | Completion |
|--|--|---|--|---|--|
| Road 192 and Road 204 Rehabilitation Project  Road 192 South of Avenue 136 | District: Nos. 1 & 5 Division: MG2 – Roads Designer: Tulare County RMA Contractor: Agee Construction | Road Maintenance Project consisting of asphalt resurfacing and pulverization on Road 192 and Road 204. Funding: Federal Surface Transportation Block Grant Program and Local County Road Funds | <ul style="list-style-type: none"> Project accepted as substantial complete by Engineer on 12/16/19 County staff ensuring paperwork has been submitted for project closeout Anticipated NOC, April 2020 | Budget: \$ 1,722,393 Award: \$ 1,628,470 CO's to Date: \$ 0 Total Contract: \$ 1,628,470 Payments: \$ 1,577,655 Last Payment: 12/31/19 |  Substantial Completion: December 2019 Design R-O-W Const. |
| Pixley Main Street Sidewalk Improvement Project  Attachment A - Vicinity Map Pixley Main Street Improvements Project | District: No. 2 - Pete Vander Poel Division: MG2 - Roads Designer: Tulare County RMA Contractor: JT2 Inc. – dba Todd Companies | Improvement to Main Street including the installation of curb and gutter, sidewalk, asphalt pave-outs, class 2 bike lanes, drainage facilities, signs and striping. Funding: State (ATP) and Local County Road Funds | <ul style="list-style-type: none"> Continued Submittal and RFI review. Construction anticipated to begin in March of 2020. | Budget: \$ 1,273,520 Award: \$ 1,200,972 CO's to Date: \$ 0 Total Contract: \$ 1,200,972 Payments: \$ 0 Last Payment: N/A |  Expected Start: March 2020 Design R-O-W Const. |
| Transit Operations & Maintenance Facility (TOMF)  Photo of Operations Building, looking east from Road 140 | District: No. 2 - Pete Vander Poel Division: MG3 – Special Projects Designer: Arrington Watkins Architects Contractor: Seals Construction | New facility for maintenance and operations of the Tulare County Area Transit (TCaT) bus fleet at the Tulare County Central Road Yard. Funding: Federal (PTMISEA), State (CalOES, SGR, STA), & Local (Measure R, Other County Funds) | <ul style="list-style-type: none"> Contractor wrapping up punch list items of work. Completing outstanding CCO work. County staff coordination with TCICT on communication infrastructure. | Budget: \$ 7,263,199 Award¹: \$ 6,825,649 CO's to Date: \$ 124,323 Total Contract: \$ 6,946,972 Payments: \$ 6,862,952 Last Payment: 2/12/2020 1. Award amount accounts for deduction of CNG Project by Resolution No. 2019-0355. |  Expected Completion: March 2020 Design R-O-W Const. |


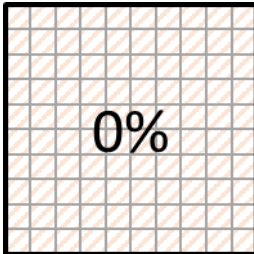

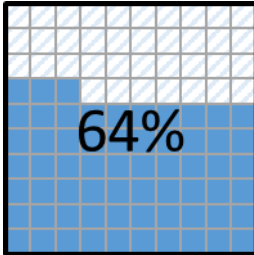

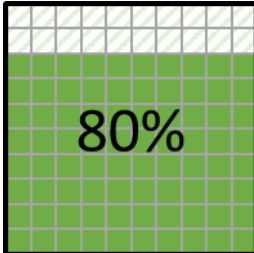
| Project Name | Contacts | Description | Progress Update | Project Budget | Completion |
|--|--|--|---|---|--|
| CNG Fueling Facility at TOMF  <p>Photo of slow fill time posts within the fueling yard, looking south</p> | District: No. 2 - Pete Vander Poel Division: MG3 – Special Projects Designer: Arrington Watkins Architects Contractor: Hobbs Construction | New fueling facility at the nearly completed Transit Operations and Maintenance Facility (TOMF) for use by the Tulare County Area Transit (TCaT) bus fleet. Funding: Federal (CMAQ) and Local (Measure R, Other County Funds) | <ul style="list-style-type: none"> Contractor continuing to work on emergency shutdown posts. Continued to progress with electrical panels and pulling power to equipment yard. Installed Bollard at slow fill stalls. Working with contractor to resolve Buy America issues on steel tubing. | Budget: \$ 2,635,010 Award: \$ 2,497,629 CO's to Date: \$ 0 Total Contract: \$ 2,497,629 Payments: \$ 2,036,582 Last Payment: 1/31/2020 |  <p>Expected Completion: April 2020</p> <p>Design R-O-W Const.</p> |
| Avenue 108 Lakeland Canal Bridge  <p>Elevation photo of the bridge experiencing peak irrigation flows</p> | District: No. 2 – Pete Vander Poel Division: MG2 – Bridges Designer: Drake Haglan & Associates Contractor: TBD | Replacement of the existing one lane bridge with a new two-lane bridge. The bridge is located on Avenue 108 over Lakeland Canal, 0.5 miles east of State Route 43. Funding: Highway Bridge Program (HBP) – Federal | <ul style="list-style-type: none"> Consultant submitted Type Selection Report in February. Environmental studies ongoing. | Design: \$ 500,000 Expenditures: \$ 172,1345 Other Phases: Right-of-Way: \$ 20,000 Construction: \$ 2,400,000 |  <p>Expected Completion: Fall/Winter 2022</p> <p>Design R-O-W Const.</p> |
| Avenue 174 Friant-Kern Canal Bridge  <p>Elevation photo of the bridge</p> | District: No. 5 – Dennis Townsend Division: MG2 – Design, Development & Construction Designer: NCM Engineering Contractor: TBD | Replacement of the existing structurally deficient two-lane bridge with a new two-lane bridge. Located on Avenue 174 over Friant-Kern Canal, 0.3 miles west of Road 232. Funding: Highway Bridge Program (HBP) – Federal | <ul style="list-style-type: none"> Bridge Type Selection Report pending Caltrans review. Environmental studies ongoing. Initiated utility conflict discussions. | Design: \$ 600,000 Expenditures: \$ 320,600 Other Phases: Right-of-Way: \$ 100,000 Construction: \$ 2,750,000 |  <p>Expected Completion: Fall/Winter 2021</p> <p>Design R-O-W Const.</p> |


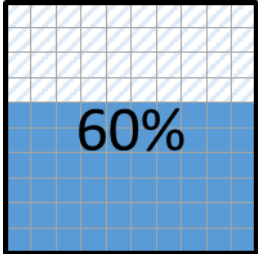

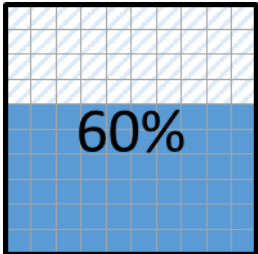

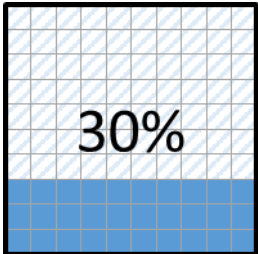
| Project Name | Contacts | Description | Progress Update | Project Budget | Completion |
|---|---|---|---|---|---|
| Avenue 364 Cottonwood Creek Bridge  Elevation photo of the bridge | District: No. 4 – Eddie Valero Division: MG2 – Bridges Designer: NCM Engineering Contractor: TBD | Replacement the existing functionally obsolete two-lane bridge with a new two-lane bridge. Located on Avenue 364 over Cottonwood Creek, 0.2 miles west of State Route 245. Funding: Highway Bridge Program (HBP) – Federal | <ul style="list-style-type: none"> Final Design in progress Right-of-Way. certification expected April 2020. Construction anticipated to start fall 2020. Preparation of permit applications initiated. | Right-of-Way: \$ 20,000 Expenditures: \$ 593,770 Other Phases: Design: \$ 600,000 Construction: \$ 2,800,000 |  Expected Completion: Fall 2020 Design → R-O-W → Const. |
| Avenue 376 Traver Canal Bridge  Elevation photo of the bridge | District: No. 4 – Eddie Valero Division: MG2 – Bridges Designer: Cornerstone Structural Eng. Group Contractor: TBD | Replacement of the existing structurally deficient two-lane bridge with a new two-lane bridge. Located on Avenue 376 over Traver Canal, 0.25 miles east of Road 40. Funding: Highway Bridge Program (HBP) - Federal | <ul style="list-style-type: none"> Bridge Type Selection anticipated to be submitted to Caltrans in March. Environmental studies ongoing. Continued discussions with AID for potential utility conflicts. | Design: \$ 500,000 Expenditures: \$ 211,084 Other Phases: Right-of-Way: \$ 100,000 Construction: \$ 1,100,000 |  Expected Completion: Fall/Winter 2021 Design → R-O-W → Const. |
| Avenue 392 Sand Creek Bridge  Elevation photo of the bridge | District: No. 4 – Eddie Valero Division: MG2 – Bridges Designer: NCM Engineering Contractor: TBD | Replacement of the existing functionally obsolete two-lane bridge with a new two-lane bridge. Located on Avenue 392 over Sand Creek, 0.4 miles east of Road 108. Funding: Highway Bridge Program (HBP) - Federal | <ul style="list-style-type: none"> Final Design in progress Right-of-Way certification expected May 2020. Construction anticipated to start fall/winter 2020. Final permit application submitted in February. | Right-of-Way: \$ 20,000 Expenditures: \$ 493,619 Other Phases: Design: \$ 495,000 Construction: \$ 2,600,000 |  Expected Completion: Fall 2020 Design → R-O-W → Const. |


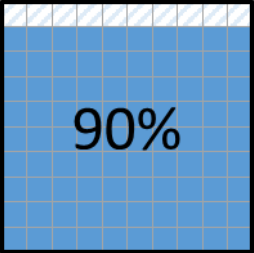
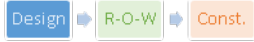

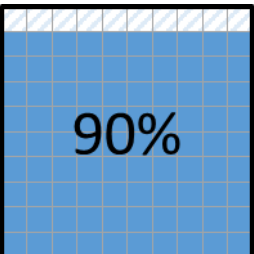
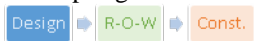

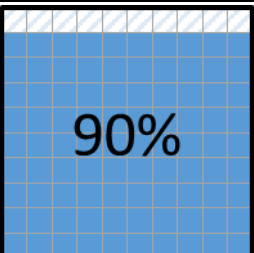

| Project Name | Contacts | Description | Progress Update | Project Budget | Completion |
|---|---|---|--|---|--|
| Avenue 424 Traver Canal Bridge  Elevation photo of the bridge | District: No. 2 – Pete Vander Poel Division: MG2 – Bridges Designer: Moffat & Nichol Contractor: TBD | Replacement of the existing functionally obsolete two-lane bridge with a new two-lane bridge. Located on Avenue 424 over Traver Canal, .25 miles east of Road 64. Funding: Highway Bridge Program (HBP) - Federal | <ul style="list-style-type: none"> Final design in progress Right-of-Way certification expected May 2020. Construction anticipated to start fall/winter 2020. In February, PG&E submitted preliminary relocation plans. County met with property owners for ROW take needs. | Right-of-Way: \$ 100,000 Expenditures: \$ 522,486 Other Phases: Design: \$ 604,000 Construction: \$ 2,400,000 |  Expected Completion: Fall 2020 Design → R-O-W → Const. |
| Avenue 428 Sand Creek Bridge  Elevation photo of the bridge | District: No. 4 – Eddie Valero Division: MG2 – Bridges Designer: TRC Companies Contractor: TBD | Replacement of the existing structurally deficient two-lane bridge with a new two-lane bridge. Located on Avenue 428 over Sand Creek, 0.25 miles east of State Route 63. Funding: Highway Bridge Program (HBP) - Federal | <ul style="list-style-type: none"> In February, Type Selection Report comments provided by Caltrans and staff met with consultant to review current progress on project. Environmental studies ongoing. NEPA clearance anticipated Jan 2021. | Design: \$ 605,000 Expenditures: \$ 239,000 Other Phases: Right-of-Way: \$ 20,000 Construction: \$ 2,400,000 |  Expected Completion: Fall/Winter 2022 Design → R-O-W → Const. |
| Bridge Preventive Maintenance Program Group 1  Road yard crew spraying methacrylate overlay on Road 80 (2014) | District: Countywide Division: MG2 – Bridges Designer: Tulare County RMA Contractor: TBD | Application of methacrylate overlay (concrete deck sealant) treatment to 12 bridges located throughout County. Funding: Highway Bridge Program (HBP) Federal and Measure R (TCAG) | <ul style="list-style-type: none"> Funds received Jan 2020 to start Preliminary Engineering. Design in-house to save costs. In Feb. staff processed Program Supplement Agreements with Caltrans and TCAG. | Design: \$ 238,200 Expenditures: \$ 7,000 Other Phases: Right-of-Way: \$ N/A Construction: \$ 985,800 |  Expected Completion: Fall/Winter 2021 Design → R-O-W → Const. |


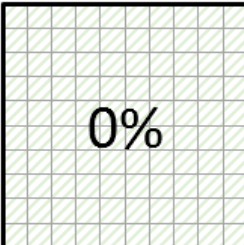

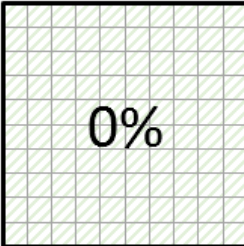

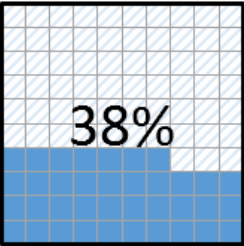
| Project Name | Contacts | Description | Progress Update | Project Budget | Completion |
|---|---|--|--|--|--|
| Bridge Preventive Maintenance Program Group 5  <p>Photo of typical pier footing damage due to scour</p> | District: Countywide Division: MG2 – Bridges Designer: Tulare County RMA Contractor: TBD | Applying scour counter-measures to piers, abutments and other areas to 21 bridges affected by scour throughout County. Funding: Highway Bridge Program (HBP) Federal and Measure R (TCAG) | <ul style="list-style-type: none"> Funds received Jan 2020 to start Preliminary Engineering. In Feb. staff processed Program Supplement Agreements with Caltrans and TCAG. Consultant contracts for hydraulics and environmental design will need to be procured. | Design: \$ 898,700 Expenditures: \$ 1,000 Other Phases: Right-of-Way: \$ N/A Construction: \$ 3,668,300 | <div>0%</div> <p>Expected Completion: Summer/Fall 2023</p> <p>Design R-O-W Const.</p> |
| Bridge Preventive Maintenance Plan for Bridges Under 20 Feet  <p>County Map with all bridges under 20 feet</p> | District: Countywide Division: MG2 – Bridges Designer: Tulare County RMA Contractor: TBD | Development of Bridge Preventative Maintenance Plan to track the performance, maintenance, and condition of bridges under 20 feet. Funding: Measure R (TCAG) | <ul style="list-style-type: none"> Data collection completed in January 2020. Data to be reviewed/revised completed in February and to continue during month of March. Summary report anticipated in March. | Design: \$ 250,000 Expenditures: \$ 112,000 Other Phases: Right-of-Way: \$ N/A Construction: \$ N/A | <div>45%</div> <p>Expected Completion: Spring/Summer 2021</p> <p>Design R-O-W Const.</p> |
| D112 Bates Slough Bridge  <p>Elevation photo of the bridge</p> | District: No. 2 – Pete Vander Poel Division: MG2 – Bridges Designer: NCM Engineering Contractor: TBD | Replacement of the existing structurally deficient bridge with a new two-lane bridge. Located on Road D112 over Bates Slough, south of Avenue 196. Funding: Highway Bridge Program (HBP) Federal and Measure R (TCAG) | <ul style="list-style-type: none"> NEPA Clearance obtained in Jan 2020. Final design in progress. Right-of-Way funding application submitted in February and E-76. anticipated in March. Met with property owners to discuss project impacts. | Design: \$ 500,000 Expenditures: \$ 297,000 Other Phases: Right-of-Way: \$ 20,000 Construction: \$ 1,100,000 | <div>59%</div> <p>Expected Completion: Fall/Winter 2021</p> <p>Design R-O-W Const.</p> |


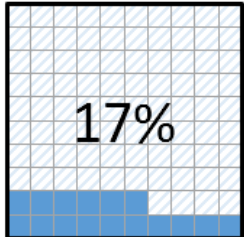

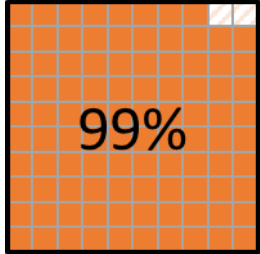
| Project Name | Contacts | Description | Progress Update | Project Budget | Completion |
|---|---|--|---|---|---|
| D112 North Branch Tule River Bridge  Elevation photo of the bridge | District: No. 2 – Pete Vander Poel Division: MG2 – Bridges Designer: NCM Engineering Contractor: TBD | Replacement of the existing structurally deficient bridge with a new two-lane bridge. Located on Road D112 over North Branch Tule River, south of Avenue 196. Funding: Highway Bridge Program (HBP) - Federal | <ul style="list-style-type: none"> Final design in progress. NEPA Clearance expected in Spring 2020. No anticipated utility conflicts. In Feb. staff performed Native American consultation for NEPA Section 106 and CEQA (AB 52). | Design: \$ 615,000 Expenditures: \$ 294,000 Other Phases: Right-of-Way: \$ 20,000 Construction: \$ 2,380,000 |  Expected Completion: Fall/Winter 2021 Design → R-O-W → Const. |
| M109 White River Bridge  Photo of bridge with temporary K-Rail protection | District: No. 5 – Dennis Townsend Division: MG2 – Bridges Designer: Dokken Engineering Contractor: TBD | Replacement of the existing structurally deficient bridge with a new two-lane bridge. Located on M109 over White River, 8 miles southwest of Fountain Springs. Funding: Highway Bridge Program (HBP) Federal and Measure R (TCAG) | <ul style="list-style-type: none"> In the process of contract negotiations with design consultant Dokken Engineering. Project expected to kick-off in Spring 2020. Staff performing quarterly inspections to ensure temporary rail functioning as intended. | Design: \$ 630,00 Expenditures: \$ 35,000 Other Phases: Right-of-Way: \$ 75,000 Construction: \$ 3,000,000 |  Expected Completion: Fall/Winter 2024 Design → R-O-W → Const. |
| M220 Bear Creek Bridge  Photo of the new bridge opened to traffic | District: No. 5 – Dennis Townsend Division: MG2 – Bridges Designer: Biggs Cardosa Associates Contractor: Agee Construction | Replacement of the existing functionally obsolete bridge with a new two lane bridge. Located on M220 over Bear Creek, 8 miles north of State Route 190. Funding: Highway Bridge Program (HBP) - Federal | <ul style="list-style-type: none"> Construction of bridge structure is substantially complete and open to traffic Art tile procurement and installation expected in spring 2020 In Feb. staff initiated closeout of contract with Agee Construction County staff will install art tiles pending completion. | Budget: \$ 3,090,000 Award: \$ 1,805,832 CO's to Date: \$ 19,075 Total Contract: \$ 1,805,832 Payments: \$ 1,816,963 Last Payment: 11/07/2019 |  Expected Completion: Spring 2020 Design → R-O-W → Const. |

| Project Name | Contacts | Description | Progress Update | Project Budget | Completion |
|--|---|--|--|---|--|
| M348 South Fork Kaweah River Bridge  Photo of the bridge covered with light snow | District: No. 1 – Kuyler Crocker Division: MG2 – Bridges Designer: Quincy Engineering Contractor: TBD | Replacement of the existing structurally deficient one lane bridge with a new one lane bridge. Located on M348 over S. Fork Kaweah River, 11.7 miles south east of State Route 198. Funding: Highway Bridge Program (HBP) - Federal | <ul style="list-style-type: none"> Project previously advertised and bids cancelled due to lack of bidders and high cost. Re-advertisement in spring 2020 and construction start anticipated fall 2020. In Feb. staff coordinated with design consultant on ways to lower project cost and deliver updated bid package | Budget: \$ 2,750,000 Award: \$ 0 CO's to Date: \$ 0 Total Contract: \$ 0 Payments: \$ 0 Last Payment: N/A |  Expected Completion: Fall 2021 Design R-O-W Const. |
| M375A Mineral King over East Fork Kaweah River  Elevation photo of the bridge | District: No. 1 – Kuyler Crocker Division: MG2 – Bridges Designer: Cornerstone Structural Eng. Group Contractor: TBD | Rehabilitation of the existing structurally deficient, one lane, open spandrel arch bridge. Located on M375A Mineral King Road over the East Fork Kaweah River, 6.68 miles east of State Route 198. Funding: Highway Bridge Program (HBP) - Federal | <ul style="list-style-type: none"> Final design in progress. NEPA Clearance obtained. Results of additional materials testing received for review and discussion during month of March. | Design: \$ 1,560,000 Expenditures: \$ 999,000 Other Phases: Right-of-Way: \$ 20,000 Construction: \$ 9,000,000 |  Expected Completion: Winter 2021/Spring 2022 Design R-O-W Const. |
| Road 204 Wutchumna Ditch Bridge  Elevation photo of the bridge | District: No. 4 – Eddie Valero Division: MG2 – Bridges Designer: Quincy Engineering Contractor: TBD | Replacement of the existing functionally obsolete two-lane bridge with a new two-lane bridge. Located on Road 204 over Wutchumna Ditch, 0.1 miles south of Avenue 336. Funding: Highway Bridge Program (HBP) - Federal | <ul style="list-style-type: none"> Final design in progress. Right-of-Way certification expected April 2020. Construction anticipated to start fall 2020. In Feb. appraisal reports for ROW stake with nearby landowners received and updated Negotiations with owners expected in March. No utility relocation required | Right-of-Way: \$ 100,000 Expenditures: \$ 484,000 Other Phases: Right-of-Way: \$ 500,000 Construction: \$ 1,100,000 |  Expected Completion: Fall 2020 Design R-O-W Const. |

| Project Name | Contacts | Description | Progress Update | Project Budget | Completion |
|--|---|---|---|---|--|
| Alpaugh Complete Street Improvements Project  Photo of Center St. near the Alpaugh Elementary School Crossing at Wilbur Road & Center St. | District: No. 2 – Pete Vander Poel III Division: MG2 – Roads Designer: Tulare County RMA Contractor: TBD | New concrete sidewalk, curb & gutter, ADA ramps, drainage facilities along Center St (between Tule & Ellis Rd) and 0.19 Mi of grind & replace AC treatment along Wilbur. In addition, a 5.8 mile-long HMA Overlay treatment along Ave 54 (between Road 16 & Railroad crossing at Ave 56) shall be placed. Funding: Measure R | <ul style="list-style-type: none"> • ROW staking request was submitted. • PS&E is at 60% design. Nearing completion of phase. • CEQA Determination is being finalized. • Appraisal process has initiated. | Design: \$ 75,000 Expenditures: \$ 85,273.78 Other Phases: Right-of-Way: \$ 50,000 Construction: \$ 3,500,000 |  Expected Completion: Fall 2020 Design → R-O-W → Const. |
| East Orange Avenue (John J. Doyle Elementary) Pedestrian Crossing Enhancements Project  Photo of Midblock Crossing along East Orange Avenue. | District: No. 5 – Dennis Townsend Division: MG2 – Roads Designer: Tulare County RMA Contractor: TBD | Install pedestrian crossing, which will include: ADA ramps, sidewalk extension, RRFB system, advanced warning beacons, and 2,200 LF of centerline striping. Funding: Federal (HSIP) | <ul style="list-style-type: none"> • 60% QC Review in progress. • NEPA Clearance document has been received. • E-76 for ROW phase has been received and filed. | Design: \$ 37,800 Expenditures: \$ 30,975.36 Other Phases: Right-of-Way: \$ 15,000 Construction: \$ 187,000 |  Expected Completion: Summer 2020 Design → R-O-W → Const. |
| Avenue 144 & Road 96 Safety Improvements Project  Photo of Avenue 144 & Road 96 Intersection | District: No. 2 – Pete Vander Poel III Division: MG2 – Roads Designer: Tulare County RMA Contractor: TBD | The project includes the conversion of a two-way stop-controlled intersection into a single lane rural roundabout, the installation of ADA ramp facilities within project limits, and related improvements (signing/striping, etc.). Funding: Federal (HSIP) | <ul style="list-style-type: none"> • 30% phase in progress. • Environmental studies are required before NEPA clearance document is issued. • A&E Consultant contract is being negotiated. | Design: \$ 250,000 Expenditures: \$ 45,290 Other Phases: Right-of-Way: \$ 225,000 Construction: \$ 2,297,800 |  Expected Completion: Summer 2022 Design → R-O-W → Const. |

| Project Name | Contacts | Description | Progress Update | Project Budget | Completion |
|---|---|---|--|---|---|
| Avenue 232 Safety Improvement Project  Photo of Ave 232/Road 36 Intersection | District: No. 2 – Pete Vander Poel Division: MG2 – Roads Designer: Tulare County RMA Contractor: TBD | Installation of left-turn lanes along Avenue 232 at Road 36, Road 56, and Road 68, the installation of rumble strips/stripes along Avenue 232 within project limits. Funding: Federal (HSIP), & Measure R | <ul style="list-style-type: none"> Finalizing Right-of-Way in progress. 100% PS&E is the next milestone. RFA for Right-of-Way phase was submitted and approved by Caltrans. | Design: \$ 130,000 Expenditures: \$ 129,800 Other Phases: Right-of-Way: \$ 300,000 Construction: \$ 1,500,000 |  Expected Completion: Spring 2020  |
| Avenue 80 Railroad Crossing Improvements Project  Photo of Ave 80 Railroad Crossing | District: No. 2 – Pete Vander Poel Division: MG2 – Roads Designer: Tulare County RMA Contractor: TBD | Safety improvements for the Avenue 80 Railroad Crossing. Improvements include pavement reconstruction, asphalt dike, and related improvements (Signing/Striping, etc.) Funding: Federal (Section 130 Program), & Measure R | <ul style="list-style-type: none"> 90% QA/QC completed. 100% PS&E is the next milestone. | Design: \$ 40,500 Expenditures: \$ 44,800 Other Phases: Right-of-Way: \$ N/A Construction: \$ 330,000 |  Expected Completion: Spring 2020  |
| Avenue 80 Railroad Crossing Improvements Project  Photo of Ave 80 Railroad Crossing | District: No. 2 – Pete Vander Poel Division: MG2 – Roads Designer: Tulare County RMA Contractor: TBD | Safety improvements for the Avenue 80 Railroad Crossing. Improvements include pavement reconstruction, asphalt dike, and related improvements (Signing/Striping, etc.) Funding: Federal (Section 130 Program), & Measure R | <ul style="list-style-type: none"> 90% QA/QC completed. 100% PS&E is the next milestone. | Design: \$ 40,500 Expenditures: \$ 44,800 Other Phases: Right-of-Way: \$ N/A Construction: \$ 330,000 |  Expected Completion: Spring 2020  |

| Project Name | Contacts | Description | Progress Update | Project Budget | Completion |
|--|--|--|---|---|---|
| Avenue 328 Safety Improvements Project  Intersection of Avenue 328 & Road 156 (existing conditions) | District: No. 4 – Eddie Valero Division: MG2 – Design, Construction Mgmt. Development Services Designer: RMA - Public Works | Safety improvements along Avenue 328 corridor consisting of the installation of left-turn pockets at the intersections of Road 112, Road 138, and Road 156 Funding: Highway Safety Improvements Program (HSIP) | <ul style="list-style-type: none"> Received authorization to proceed (E-76) with the Right-of-Way phase. Initiated 65% design plans. Preparing utility conflict and Right-of-Way exhibits (in-progress). | Right-of-Way: \$ 75,000 Expenditures: \$ 0 Other Phases: Design: \$ 168,000 Construction: \$ 1,239,000 |  Expected Completion: Winter 2020 Design → R-O-W → Const. |
| Earlimart Sidewalk Improvements Project  State St. Existing conditions | District: No. 2 – Pete Vander Poel Division: MG2 – Design & Construction Designer: RMA - Public Works | Pedestrian Improvements along State St (between Sutter and Sierra) and Washington/Church. Funding: Active Transportation Program (ATP) | <ul style="list-style-type: none"> Submitted funding allocation request to the California Transportation Commission (CTC) for construction funds. Coordinated with CSET on Public Works Agreement (in-progress). | Right-of-Way: \$ 20,000 Expenditures: \$ 20,000 Other Phases: Design: \$ 222,000 Construction: \$ 1,688,000 |  Expected Completion: Spring 2020 |
| Avenue 256 & Road 204 Signalization and Rehabilitation Project  Intersection of Avenue 256 & Road 204 (existing conditions) | District: No. 1 – Kuyler Crocker Division: MG2 – Design, Construction Mgmt. Development Services Designer: RMA - Public Works | Installation of traffic signal at the intersection of Avenue 256 & Road 204. This project also includes the road rehabilitation along Road 204 from the intersection to Avenue 264. Funding: Measure R (Regional) | <ul style="list-style-type: none"> Preparing utility conflict and Right-of- Way exhibits (in-progress). Finalizing 30% design plans. | Design: \$ 135,000 Expenditures: \$ 52,740 Other Phases: Right-of-Way: \$ 240,000 Construction: \$ TBD |  Expected Completion: Summer 2020 Design → R-O-W → Const. |

| Project Name | Contacts | Description | Progress Update | Project Budget | Completion |
|--|---|--|--|--|---|
| Road 160 Sidewalk Improvements Project  Road 160 Existing Conditions | District: No. 4 – Eddie Valero Division: MG2 – Design, Construction Mgmt. Development Services Designer: RMA - Public Works | Pedestrian Improvements along Road 160 between Avenue 328 and Ivanhoe Elementary School (Avenue 332). Funding: Active Transportation Program (ATP) | <ul style="list-style-type: none"> Attended Field Review with Caltrans to Environmental Scope Project Finalized 30% Design Plans | Design: \$ 185,000 Expenditures: \$ 31,406 Other Phases: Right-of-Way: \$ 263,000 Construction: \$ 1,025,000 |  Expected Completion: October 2020 Design → R-O-W → Const. |
| Yetterm-Seville Water System Improvements – Phase 1  New Booster Pump Assembly | District: No. 4 - Eddie Valero Division: MG 3 – Special Projects Designer: Provost & Pritchard Contractor: Brough Construction, Inc. | Replacement water distribution system for the Community of Seville, including a storage tank, water meters, and appurtenances. Funding: Prop 1 (California Water Resources Control Board) | <ul style="list-style-type: none"> Final items of work at the well site being finalized and expected to be completed in April. | Budget: \$ 3,208,508 Award: \$ 3,381,433 CO's to Date: \$ 103,611 Total Contract: \$ 3,299,803 Payments: \$ 3,259,058 Last Payment: 02/26/2020 |  Expected Completion: April 2020 Design → R-O-W → Const. |

Percentage completion as depicted in these charts is an estimate based on the most recent payment as compared to the total contract value determined by the original award amount plus the total value of all change orders as of the last day of the month. Completed projects will continue to be shown until such time as they are closed out by the Board of Supervisors.

MANAGEMENT GROUP 2:

ASSISTANCE TO ECONOMIC DEVELOPMENT/PLANNING PROJECTS

Public Works provided GIS Maps to other branches of the Resource Management Agency. In February 66 maps were provided to the Planners for 16 separate projects.

ENCROACHMENT PERMITS

In February staff processed a total of 31 new encroachment permit applications. The permit processing numbers and inspections continue to remain at high demand levels. County inspectors provided oversight and daily inspections for 30-35 daily/recurring active projects, and 4 tracts/parcel improvement projects. As the weather allows, many projects in the mountain areas are beginning to resume, with a special focus on updating utility services, including pole replacement and fire tender clearing.

February Permits Processed:

- Review for emergency pipeline replacement of a section of L.S.I.D. pipeline in north Lindsay area. This pipeline is leaking too much to wait for the rest of the project this summer.
- Processed and issued a total of 61 transportation permits comprised of: 22 rider permits, 30 single-trip permits (including over-sized or overweight loads) and 9 blankets/annual permits;
- Issued 9 sub-encroachment permits for inspections of job sites under utility company annual/blanket maintenance permits, as well as reviewed sites, signing and safety for dozens of short-term repairs;
- Reviewed routing and issued permits for 2 house structure relocations;
- Processed documents, reviewed traffic control plans/routes for 4 special event/parade permits.

| | Jan 2020 | Feb 2020 | Mar 2020 | Apr 2020 | May 2020 | Jun 2020 | Jul 2020 | Aug 2020 | Sep 2020 | Oct 2020 | Nov 2020 | Dec 2020 |
|-------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <u>Transportation:</u> | 58 | 39 | | | | | | | | | | |
| Trans. Annual | 14 | 9 | | | | | | | | | | |
| Trans. Riders | 18 | 22 | | | | | | | | | | |
| Single Trip | 44 | 30 | | | | | | | | | | |
| | | | | | | | | | | | | |
| <u>Encroachment:</u> | 30 | 31 | | | | | | | | | | |
| Utility | 20 | 20 | | | | | | | | | | |
| Standard | 10 | 9 | | | | | | | | | | |
| Curb & Gutter | 0 | 1 | | | | | | | | | | |
| Encr. Annual | 0 | 1 | | | | | | | | | | |
| Sub/Permits Maint. Insp. | 9 | 9 | | | | | | | | | | |
| | | | | | | | | | | | | |
| Special Events: | 2 | 4 | | | | | | | | | | |
| House Moving: | 0 | 2 | | | | | | | | | | |

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

Tract Map-789/Goshen Village Phase 1: Construction of the portion of the tract along Avenue 310 in Goshen has progressed; paving is complete on Phase One (including Avenue 310 frontages); model homes are nearing completion, as well as several structures within the tract. 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. Remaining punch list items for Phase One are being completed as weather permits and will be ready for pending approval soon.



Tract Map-TSM16-002/Kingsburg Hash Subdivision: ENC1900042: This tract and its improvements have been accepted by the Tulare County encroachment team. Avenue 396 curb, gutter, and paving is substantially complete and has been connected to the city limits of Kingsburg. Roads and improvements inside the tract are substantially complete. An encroachment permit was issued for substructure work that is now complete within the current right-of-way of Avenue 396. Our inspectors provided oversight for water main pipelines, sewer and storm drain pipelines, utility trenching including electrical, gas, telecom, and cable services. Also included in the inspection duties are the subgrade structures, testing and paving sections, curb and gutter, sidewalks and all ADA installations. Final items are being addressed 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. Phase 2 of this tract is underway at this time.



Southern California Gas (Road 192 south of Avenue 152, Poplar: Southern California Gas has begun installing one- 16 inch, high-pressure gas pipeline from Road 168 and Ave 152, through the community of Cotton Center and Poplar; continuing south to Avenue 95 and Road 192. There are several specially designed bores to accommodate canals and state route crossings, as well as a paving agreement to replace new asphalt on that route. This new pipeline is being placed to better serve the south county area specifically, Setton Farms.





Pixley Subdivision on Elm: Tract Inspection: 20000002: This is not a new subdivision, but a continuation of a tract map that has been delayed for decades due to community limitations and requirements for sewer. The current contractor has reviewed and evaluated the site and begun to remove and replace broken or deteriorated structures; site plans have been approved and inspectors are providing oversight as with any tract improvements.

MANAGEMENT GROUP 3:

FLOOD CONTROL

The Flood Commission met on February 28th. During the meeting, the commissioners voted to make Flood Commission meetings occur quarterly, on the 4th Fridays of January, April, July, and September at a location to be determined. During the meeting, the Flood Commissioners voted to direct County staff to undertake a new project to clear the Kings River channel in the County's section of sand that has built up in the river bed limiting capacity. The Commission voted to direct staff to do a Capital Improvement Project, including a system review of all flood control facilities throughout the County. The Commission also considered what to do with the creek realignment portion of the Cottonwood Creek/JDF project after the Water Board rejected the last grant application. Staff were directed to finalize the design and update permitting documents for the JDF/Cottonwood Creek project and use the realignment portion as a match for future grant applications to complete the retention basin portion of the project.

There were some storm events throughout February, but there was no significant or notable flooding or storm related issues. Seasonal closures on M50 (Johnsondale Highway) and M107 (Western Divide Highway) began in November and will remain in effect until Spring.

Staff continues to work with US Bureau of Reclamation (BOR) and the Friant Water Authority to obtain a permit for the Strathmore FKC Flood Improvement Project. Staff have developed a hydrological model of the impacts of the 100-year storm event on the project area and are refining the model before meeting with the two agencies on March 19th.

SEQUOIA FIELD AIRPORT

On January 28, 2019, the Board of Supervisors rejected all bids for the Navigation Aids project and authorized the re-advertisement of the bid subject to revisions in accordance with direction by the Federal Aviation Administration. Staff began advertising the bid in early February and the bid opening is currently set for mid-March.

WATER & SEWER PROJECTS

Staff are working with the designer, the Water Board, Self Help Enterprises, and the Yettem-Seville Community Services District towards the completion of the Phase 2 Construction application to fund the intertie between Yettem and Seville, a new well, and other improvements in Yettem.

Staff continue to work with the Yettem-Seville CSD to complete the transfer agreement of the Yettem and Seville Water Systems to the CSD. Further, staff helped the CSD Board conduct interviews for future district staff to operate and manage the system upon transfer of the systems by the County.

CENTRAL ROAD YARD WATER SYSTEM

RMA staff met with the State Water Board on February 3, 2020 to review final requirements to bring the TOMF water system online and interconnect the Central Road Yard water system to the TOMF. Staff are currently developing a plan for submission to the Water Board and will then begin to implement the plan to flush and disinfect the entire system. Pending state review and approval, staff hope to complete this work by the end of March.

ZONES OF BENEFIT

Operations and maintenance of Zones of Benefit sewer systems continued with **no spills** in the sewer systems for the month of February 2020.

Operations and maintenance of Zones of Benefit water systems continued in February 2020 with **no known service interruptions** in all water systems.

The community of Seville has been connected to the new water distribution system but the boil-water notice remains in effect until such time as the programming and controls at the tank site are finalized. Two 5,000 gallon non-potable water tanks continue to be available to the school and the community.

The table below summarizes the data available for the water production and wastewater treatment for the month of January 2020. There is no data for the lift station at El Rancho, as there is no flow totalizer. There is no data for Delft Colony water system due to totalizer is non-operational, staff is working to replace totalizer.

| Zone of Benefit - Water & Wastewater Volumes January 2020 | | | | |
|--|----------------------------|------------|------------------------------|------------------------|
| Sewer Systems | | | Water Systems | |
| Total Monthly Flow (Gallons) | | % Capacity | Total Monthly Flow (Gallons) | |
| Delft Sewer | 907,365 | 51% | Delft Water | Totalizer Under Repair |
| Seville Sewer | 636,070 | 41% | Seville Water | 1,026,400 |
| Yettem Sewer | 667,469 | 51% | Yettem Water | 542,700 |
| Wells Tract Sewer | 498,000 | 85% | Wells Tract Water | 567,290 |
| Tonyville Sewer | 376,720 | 17% | | |
| Tooleville Sewer | 659,246 | 61% | | |
| Traver Sewer | 1,129,051 | 41% | | |
| TBSMD | 5,575,412 | 60% | | |
| El Rancho Sewer | Treatment provided by City | | | |
| TOTAL10,449,333 | | | TOTAL2,136,390 | |

TRANSIT

A 5339 Grant to purchase 3 bus purchase was approved and staff are finalizing floor plans for 3 Heavy Duty buses to be used on higher ridership Routes 10 and 40. These buses are larger and have a longer lifespan than the cutaway buses the County typically purchases.

TRC Engineering Services conducted another quarterly audit of the TCaT fleet on February 7th and 8th. These audits ensure that MV Transportation is properly maintaining the TCaT buses in accordance with contract provisions. The audit consisted of a fleet inspection and maintenance record review of 12 buses. The results from this audit showed 113 total defects, or an average of 9.42 defects per bus. Eighteen (18) Class “A” defects were found, or 1.50 defects per bus. Class “A” defects are safety related defects that requires immediate removal from service and keeps the vehicle from returning to revenue. All safety related defects were repaired at that time. Class “B” defects are non-safety critical defects that requires attention during the next scheduled preventive maintenance service interval. TRC also provided a few additional recommendations, including: additional training for drivers and mechanics to identify Class “A” defects to help eliminate future out-of-service defects, closely inspecting all buses for fluid leaks and correcting any issues as quickly as possible, and ensuring that the entire fleet has current CNG tank inspection documentation on file, as some CNG inspection files were missing and/or lost.

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 January:

| | January | Prior January | Change | FYTD | Prior FYTD | Change |
|------------------------------------|----------------|----------------------|---------------|-------------|-------------------|---------------|
| Total Ridership | 22,538 | 22,130 | 1.84% | 160,053 | 164,513 | -2.71% |
| Fixed Route Ridership | 22,163 | 21,548 | 2.85% | 157,007 | 160,264 | -2.03% |
| Demand Response Ridership | 375 | 582 | -35.57% | 3,046 | 4,249 | -28.31% |
| Fixed Route Passengers per Mile | .30 | .27 | 11.11% | .28 | .29 | -3.45% |
| Demand Response Passenger per Hour | 1.73 | 1.53 | 13.07% | 1.75 | 1.72 | 1.74% |

Staff are attempting to finish the Transit Development Plan Extension (TDPE) for adoption in March, and afterwards will issue a report discussing the transit system’s performance in FY19/20, comparing it to appropriate metrics to be included in the TDPE.

MANAGEMENT GROUP 4:

SURVEYOR’S OFFICE

The activities and projects in process and/or completed in February 2020 are as follows:

| | | | |
|---------------------------|-----|--------------------------|----|
| Certificate of Compliance | 1 | Public Document Requests | 32 |
| Corner Record | 158 | Record of Survey | 34 |
| Merger of Parcels | 3 | Vacation of Right of Way | 1 |
| Parcel Map | 23 | Tract Map | 6 |
| Lot Line Adjustment | 1 | Waived Parcel Map | 2 |

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

| | |
|---|--------------------------------|
| 2019 RRAA Project 1 | Earlimart Sidewalk Improvement |
| 2019 RRAA Project 2 | Encroachment (multiple) |
| 2 nd Street Orosi Drive Intersection | Farm to Market Rehab 2.0 |
| ATP Pixley Main Street | Harvest Avenue, Goshen |
| Avenue 280 Widening | HSIP Cycle 7 Avenue 232 |
| Betty Drive/Road 67 | Rocky Hill Drive |
| Bridge: Avenue 204 Wutchumna | RRAA 2020 Project 1 |
| Bridge: Avenue 428 Sand Creek | Solid Waste, Teapot Dome |
| Bridge: Cottonwood | Strathmore-Frazier 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

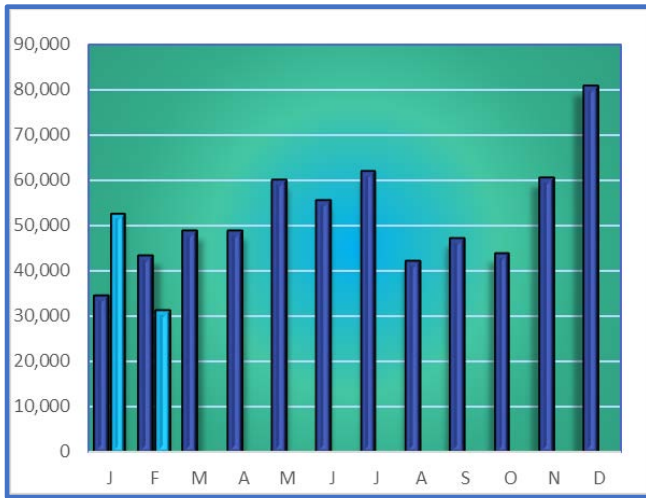
February 2020

Dark Blue = 2019

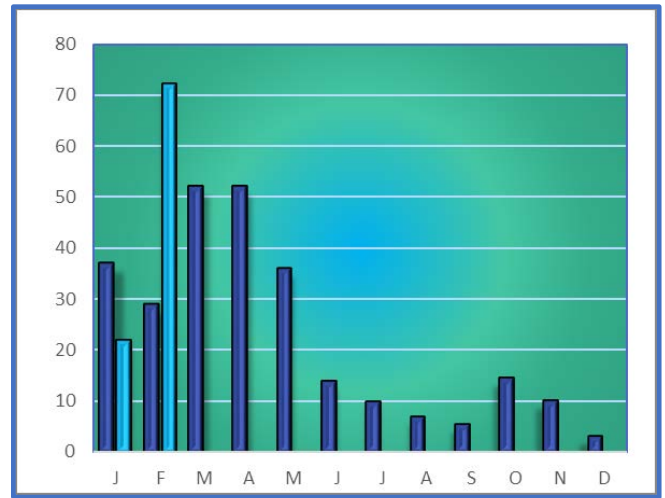
Light Blue = 2020



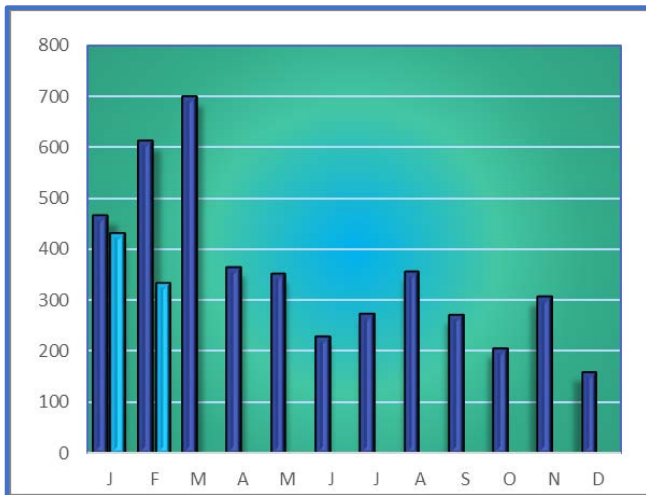
Potholes Patched



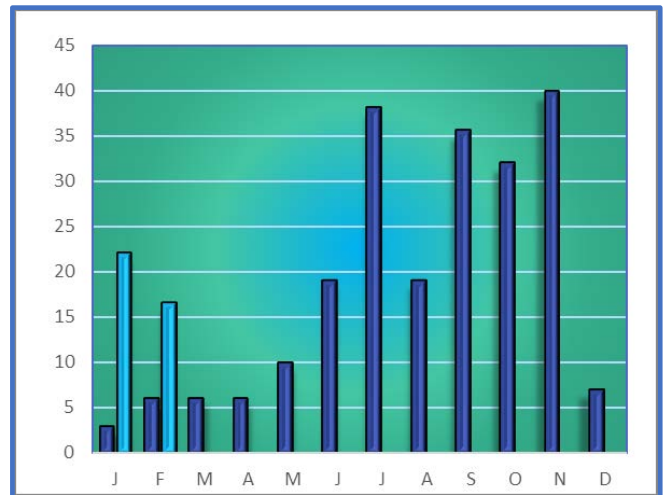
Shoulder Maintenance (miles)



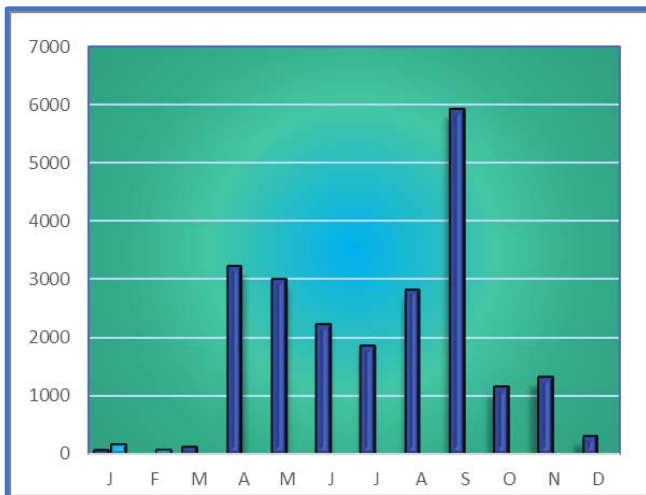
Traffic Signs



Blade Patch (miles)



Road Stencil (sq ft)



Road Stripe (miles)

