



## Waller County Road and Bridge

Maintenance • Engineering • GIS

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Hempstead, Texas 77445  
(979)826-7670

### Operations Report – First Quarter FY 2024

*Mission Statement: To provide safe and reliable infrastructure to enhance the quality of life for our citizens, businesses, and visitors through innovation, efficiency and accountability.*

*Submitted by: J. Ross McCall P.E., County Engineer*

## Maintenance

Seven maintenance contracts are currently being advertised, with an expected five additional professional services contracts, and road bond contracts. Developing bid documents, negotiating contracts, advertising and procuring materials has placed a large demand on current staff without a dedicated purchasing staff. As a result, material procurement has been delayed, and the delivery of projects is at risk. Maintenance has been preparing roads for preventative seals with the remaining material available, until road material can be procured.

<u>Road Name</u>	<u>Type</u>	<u>Status</u>
Riley Road	Road Rehabilitation	On Schedule
Magnolia Road	Road Rehabilitation	Moved to FY 25
Mathew Place	Road Rehabilitation	Moved to FY 25
Little John Circle	Road Rehabilitation	Moved to FY 25
Oak Creek Road	Road Rehabilitation	On Schedule
Jeff Smith Road	Road Rehabilitation	Moved to FY 25
Giboney Road	Road Rehabilitation	Moved to FY 25
Haley Road	Road Rehabilitation	Possible delay to FY 25
Schmidt Road	Road Rehabilitation	Moved to FY 25
Cochran Road	Road Rehabilitation	Moved to FY 25
Grove Park Drive	Road Rehabilitation	Possible delay to FY 25
Cardiff Road	Road Rehabilitation	Sealed, awaiting Hot Mix Overlay
Clemons Switch Road	Road Rehabilitation	Moved to FY 25
Pontiac Drive	Road Rehabilitation	Possible delay to FY 25
Peachridge Road	Road Rehabilitation	Possible delay to FY 25
Addie Gee Road	Road Rehabilitation	On Schedule
Tompkins Road	Road Rehabilitation	Possible delay to FY 25
Center Hill Road	Preventative Seal	Contract Work – On Schedule
Dusek Lane	Preventative Seal	Contract Work – On Schedule
Snow Road	Preventative Seal	Contract Work – On Schedule
Hoff Road	Preventative Seal	Contract Work – On Schedule
Quail Run Road	Preventative Seal	Contract Work – On Schedule
Repka Road	Preventative Seal	Contract Work – On Schedule
Pin Tail Street	Preventative Seal	Contract Work – On Schedule
Murrell Road	Preventative Seal	Contract Work – On Schedule
Kelley Road (West of RR)	Preventative Seal	Contract Work – On Schedule
Frank Scott Road	Preventative Seal	Contract Work – On Schedule
Buller Road	Preventative Seal	Contract Work (ARPA) – On Schedule
Reids Prairie Road	Preventative Seal	Contract Work (ARPA) – On Schedule
Waller Gladish Road	Preventative Seal	Contract Work (ARPA) – On Schedule

<Continued>

<u>Road Name</u>	<u>Type</u>	<u>Status</u>
Old Houston Road	Preventative Seal	Contract Work (ARPA) – On Schedule
Sterling Drive	Road Rehabilitation	On Schedule
Clapp Road	Preventative Seal	Contract Work – On Schedule
Marti Lane	Road Rehabilitation	On Schedule
Oak Hollow Boulevard	Road Rehabilitation	On Schedule
Springer Road	Road Rehabilitation	Possible delay to FY 25
Kelley Road (East of RR)	Road Rehabilitation	Possible delay to FY 25

*WCRB may adjust this project list, and schedules due to weather, material availability, or other unforeseen circumstances.*

Accomplishments this period:

- Developed an online presence to respond to citizen inquiries (Facebook, etc.).
- Cardiff Road project
- Brought oil distributor truck back in service
- Brought motorgrader back in service
- Hired maintenance inspector



Next Quarter focus includes:

- Completing seal coat projects.
- Purchasing a Durapatch Machine for potholes.
- Peregrine Estates drainage project.

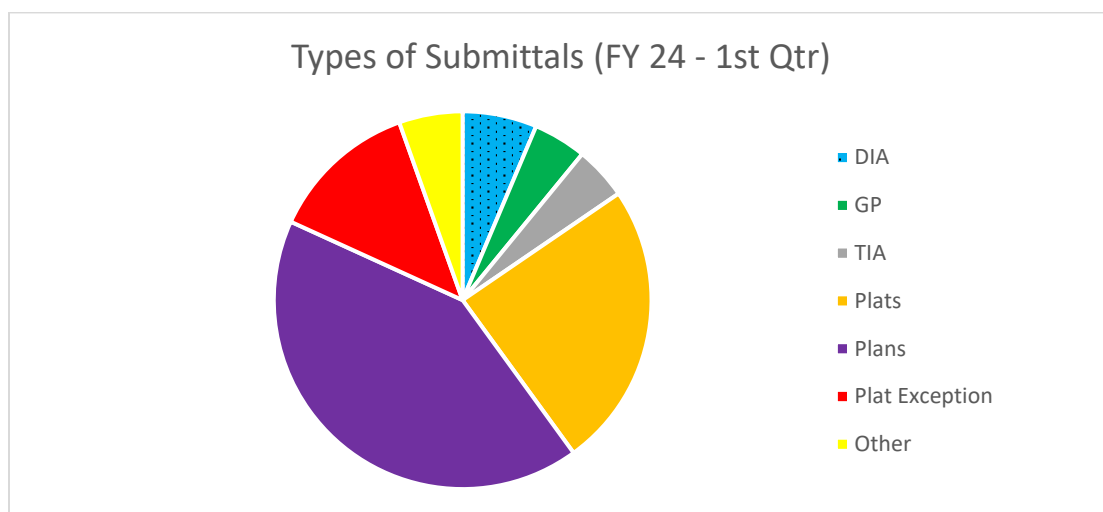
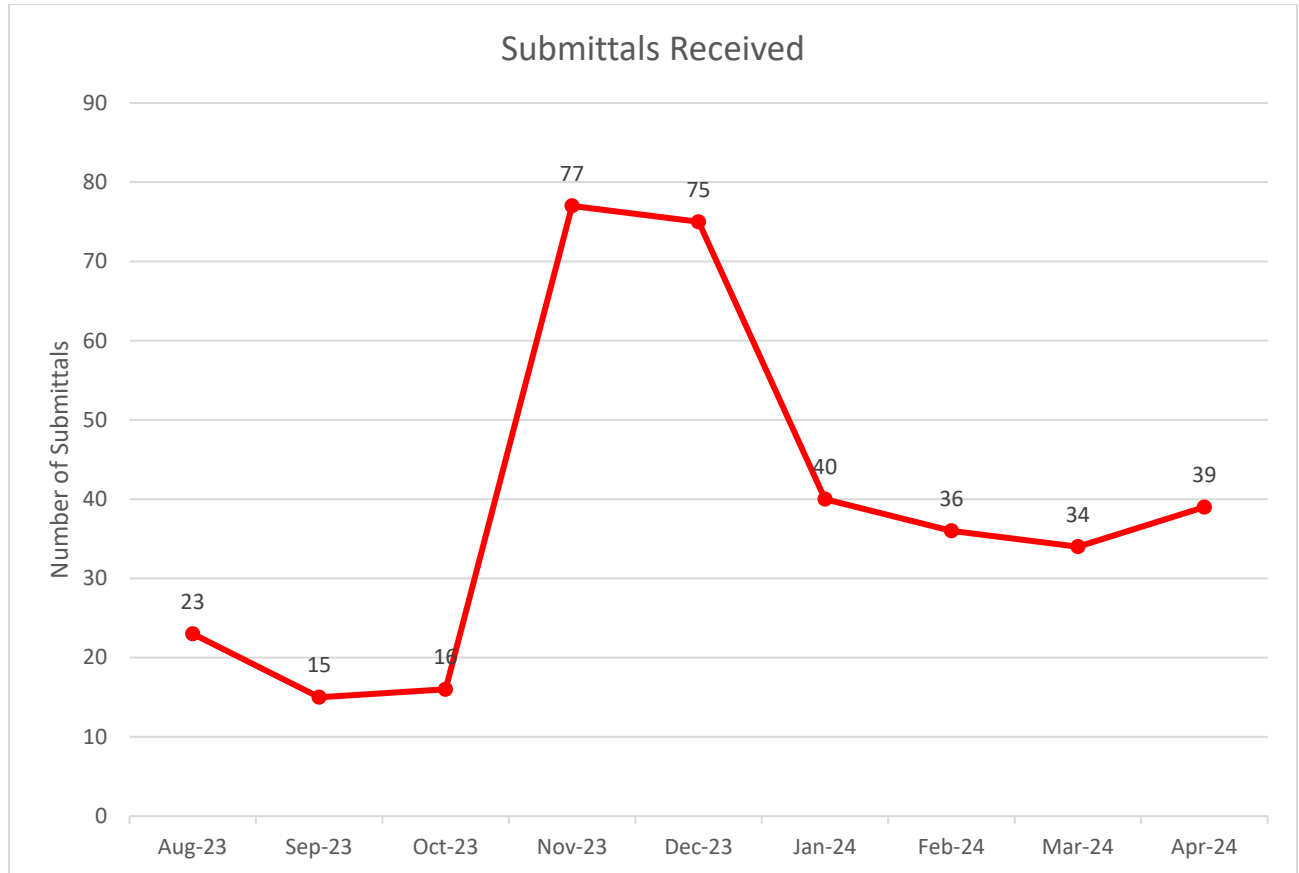




*Above: WCRB operators stabilize road subgrade in advance of a seal coat project on Cardiff Road.*

## Engineering

Staff has been organizing electronic files and tracking submittals by hand in advance of myGOV implementation. The number of engineering plan submittals and types for the first quarter can be viewed on the following charts:



Accomplishments this period:

- Drafted Substantial Damage Response Plan for FEMA Community Assistance Visit.
- Created GIS database of substantially damaged structures for FEMA CAV.
- Awarded a contract to a Traffic Engineer Consultant for on-call tasks.
- Hired a Professional Engineer.
- Hired an Engineering Technician.

Next Quarter focus includes:

- Update Subdivision Rules and Regulations – **Winter 2024**
- Driveway and Culvert Regulations – **On Schedule (Summer 2024)**
- myGov – Permit Application Software Implementation – **Ahead of Schedule (2<sup>nd</sup> Qtr)**
- Organization of electronic files

### Geographic Information Systems (GIS)

Road inventory and mapping is complete. There are currently **524.24 miles** of road that Waller County is responsible to maintain. Approximately 50 miles are currently in construction or in the developer maintenance period.

Next steps:

- Basic GIS infrastructure is built, so we will transition to a maintenance and analysis role.
- A GIS technician could collect and update ongoing data (maintenance)
- Current GIS position could transition into data analysis

Other items the GIS staff is working on include:

- Developing a GIS inspection application to track deficiencies in field.
- Researching ESRI data collection applications to generate work orders remotely.
- Developing an open data portal for the public.

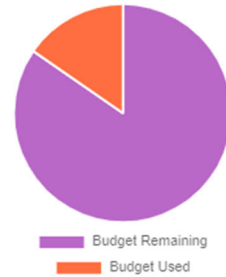


## Financial

The Road and Bridge Department will remain under the approved budget this year. Delays in material procurement have impacted project delivery dates, which will affect the projects we can complete and the amount of material we can purchase. This is illustrated in the following charts for the first quarter.

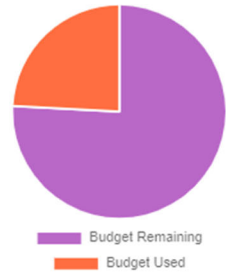
### Total Department Budget

Original Budget	\$13,775,496.00
Budget Adjustment	\$0.00
Current Budget	\$13,775,496.00
Activity	\$1,886,164.00
Encumbrance	\$171,121.11
Reserve	\$58,861.34
Budget Remaining	\$11,659,349.55
Pending	\$0.00
Budget Available	\$11,659,349.55



### Engineering and GIS Budget

Department	ROAD & BRIDGE ADMIN
Original Budget	\$1,497,607.00
Budget Adjustment	\$0.00
Current Budget	\$1,497,607.00
Activity	\$353,526.55
Encumbrance	\$1,657.15
Reserve	\$6,728.92
Budget Remaining	\$1,135,694.38
Pending	\$0.00
Budget Available	\$1,135,694.38



### Maintenance Budget

Department	R&B MAINT & CONSTRUCTION
Original Budget	\$12,277,889.00
Budget Adjustment	\$0.00
Current Budget	\$12,277,889.00
Activity	\$1,532,637.45
Encumbrance	\$169,463.96
Reserve	\$52,132.42
Budget Remaining	\$10,523,655.17
Pending	\$0.00
Budget Available	\$10,523,655.17

