



Waller County Road and Bridge

Maintenance • Engineering • GIS

775 Business 290 East
Hempstead, Texas 77445
(979)826-7670

Operations Report – Second 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

Road & Bridge Maintenance has been busy during the Second Quarter. A few highlights are below:

- Closed Riley Road Bridge to one lane.
- Cleaned debris and ditch work following both April flood event and May Windstorm (DR 4781).
- Completed spot repairs on Waller Gladish, Old Houston, Howell, and Gassner Roads.
- Oversaw contractors picking up debris (DR 4781); Approximately 11,000 cubic yards collected.
- Placed asphalt level up on Emily Way and Beckendorff Road.
- Started rehabilitating Riley Road from Newland to Walnut Ridge.
- Began Peregrine Estates Drainage project.
- Celebrated the retirement of a long-time employee!



No bids were received on our seal coat projects. A few reasons for no responses may include:

- Limited advertising footprint – (local newspapers vs. bid management database, ie~CIVCAST)
- Lack of dedicated staff
- Limited expertise on procurement and procurement law

Department resources need to be reassigned to perform maintenance seals in-house. ARPA seal coat projects will have to be readvertised with a revised scope and documents. As a result, delivery of some of this year's road rehabilitation projects will be moved to next year.

<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	Moved to FY 25
Jeff Smith Road	Road Rehabilitation	On Schedule
Giboney Road	Road Rehabilitation	Moved to FY 25
Haley Road	Road Rehabilitation	Moved to FY 25
Schmidt Road	Road Rehabilitation	Moved to FY 25
Cochran Road	Road Rehabilitation	On Schedule
Grove Park Drive	Road Rehabilitation	Moved 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	Moved to FY 25
Peachridge Road	Road Rehabilitation	Moved to FY 25
Addie Gee Road	Road Rehabilitation	On Schedule
Tompkins Road	Road Rehabilitation	Moved to FY 25
Center Hill Road	Preventative Seal	On Schedule
Dusek Lane	Preventative Seal	On Schedule
Snow Road	Preventative Seal	On Schedule
Hoff Road	Preventative Seal	On Schedule
Quail Run Road	Preventative Seal	On Schedule
Repka Road	Preventative Seal	On Schedule
Pin Tail Street	Preventative Seal	On Schedule
Murrell Road	Preventative Seal	On Schedule
Kelley Road (West of RR)	Preventative Seal	On Schedule
Frank Scott Road	Preventative Seal	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 (ARPA) – On Schedule
Marti Lane	Road Rehabilitation	On Schedule
Oak Hollow Boulevard	Road Rehabilitation	On Schedule
Springer Road	Road Rehabilitation	Moved to FY 25
Kelley Road (East of RR)	Road Rehabilitation	Moved to FY 25

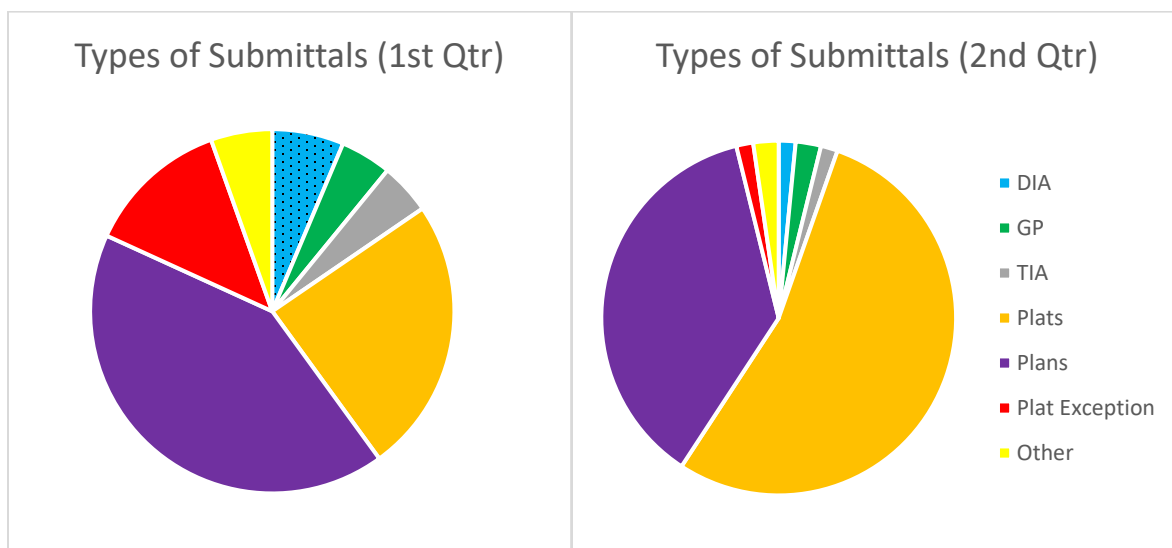
WCRB may adjust this project list, and schedules due to weather, material availability, or other unforeseen circumstances.

Next Quarter items include:

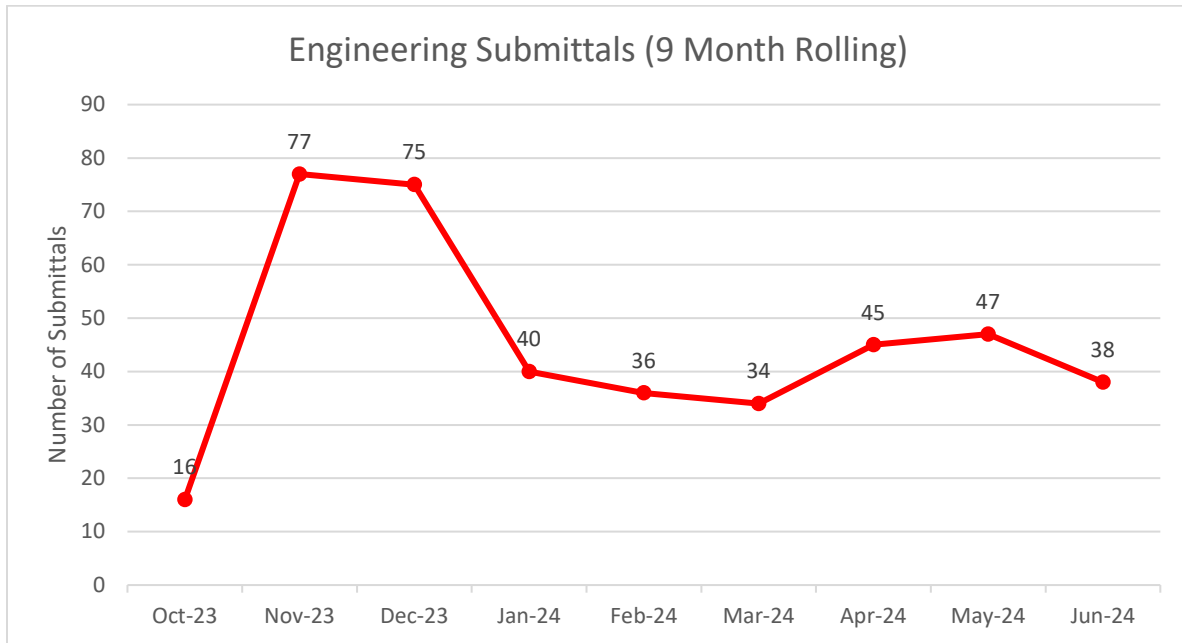
- First round of mowing – **Expected July**
- Durapatch Truck delivery – **Expected September**
- Preparation of FY 2025 maintenance projects list.

Engineering

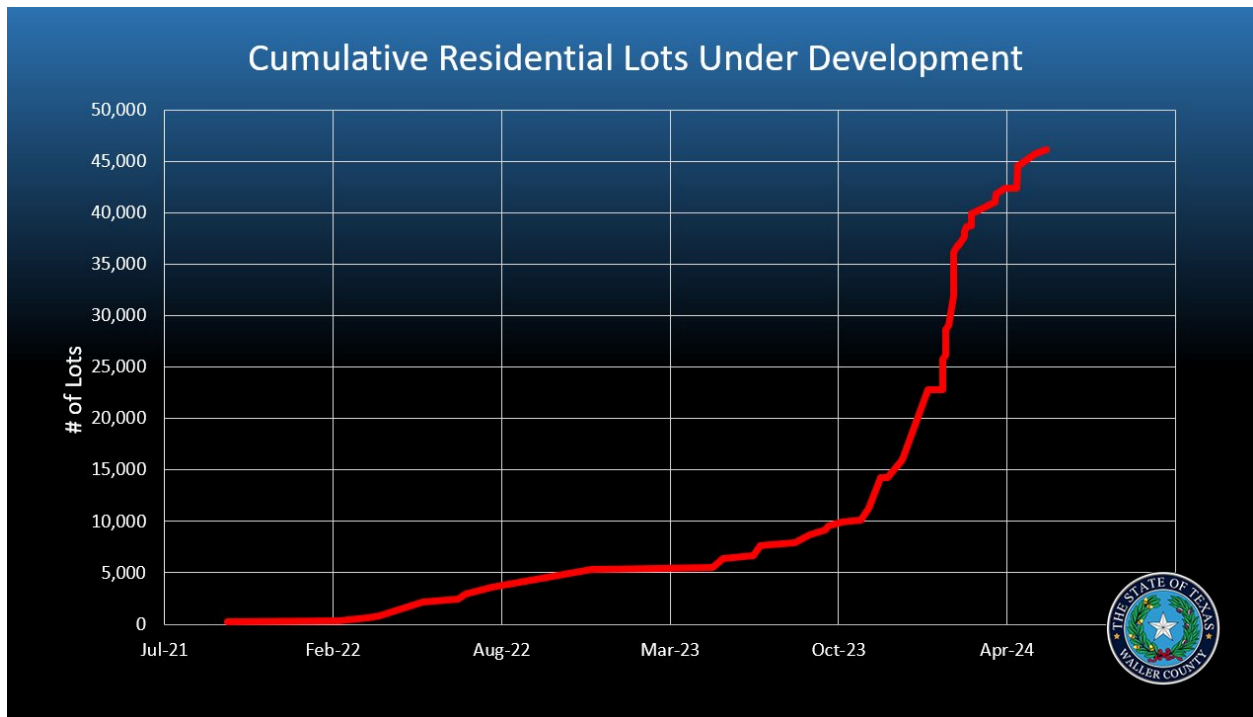
We received fewer general plans for master planned developments in the second quarter, however, staff continues to receive and process a significant number of plats and plans. The number of engineering plan submittals and types for the second quarter can be viewed on the following charts:



Our plan intake has remained steady as a result of our submittal process. Submittal meetings have been booked up to a month in advance. By the end of the Summer, once myGOV has been implemented, we expect submittal numbers to increase with improved plan review tracking.



Our Assistant County Engineer, Luke Fortkamp, and his staff, are effectively managing the large plan submittal volume that we are experiencing. The graph below depicts the unprecedented growth in Waller County.



Managing this growth involves continued monitoring and reassessing needs and resources. As a result, we will be presenting periodic amendments to our Subdivision Rules and Regulations until the final and complete version can be adopted later this year.

Other items of interest include:

- Update Subdivision Rules and Regulations – **Winter 2024**
- myGov – Permit Application Software Implementation – **July**
- HGAC LiDAR Project – **Preliminary Data in November, Final Deliverables 2025**

Geographic Information Systems (GIS)

The GIS Division will be transitioning into a maintenance role, with plans to restructure staff to monitor real time information during emergency operations.

GIS work continues to 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.

Waller County Road Bond

The Program Manager, LJA Engineering, has met with each commissioner to better understand project priorities and goals. Construction cost estimates and project scopes are being refined with greater detail. The following items are expected to be accomplished next quarter:

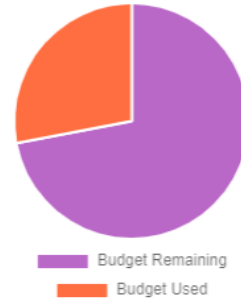
- Road cores to investigate pavement structure.
- Updated program cost estimates with expenditure schedule. Discuss findings with County Judge and Commissioners.
- Request for Qualifications – Professional Services on Bond Program – **Expected August**

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.

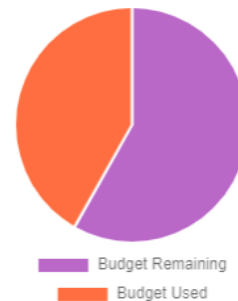
Total Department Budget

Original Budget	\$13,775,496.00
Budget Adjustment	-\$56,427.00
Current Budget	\$13,719,069.00
Activity	\$3,331,744.01
Encumbrance	\$423,256.80
Reserve	\$84,996.94
Budget Remaining	\$9,879,071.25
Pending	\$0.00
Budget Available	\$9,879,071.25



Engineering and GIS Budget

Original Budget	\$1,497,607.00
Budget Adjustment	\$0.00
Current Budget	\$1,497,607.00
Activity	\$624,057.21
Encumbrance	\$700.01
Reserve	\$851.60
Budget Remaining	\$871,998.18
Pending	\$0.00
Budget Available	\$871,998.18



Maintenance Budget

Original Budget	\$12,277,889.00
Budget Adjustment	-\$56,427.00
Current Budget	\$12,221,462.00
Activity	\$2,707,686.80
Encumbrance	\$422,556.79
Reserve	\$84,145.34
Budget Remaining	\$9,007,073.07
Pending	\$0.00
Budget Available	\$9,007,073.07

