



Waller County Road and Bridge

Maintenance • Engineering • GIS

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

Operations Report – Third Quarter FY 2023

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

The maintenance section is in a good position for future success. This next quarter, leadership will be finalizing the maintenance plans for the next two years. The plans will include pavement maintenance, culverts, bridges, signage and striping. Citizens can be assured that the conditions of their road are being recorded and considered since our maintenance team is working closely with our GIS inventory team.

<u>Road Name</u>	<u>Type</u>	<u>Status</u>
Frank Scott Blvd	Seal Coat	Complete
Willie Scott Road	Seal Coat	Complete
Gelbert Scott Blvd	Seal Coat	Complete
Murrell Road	Seal Coat	Complete
Center Hill Road	Seal Coat	Complete
Cardiff Road (US 90 to 0.5 miles N)	Full Depth Repair	Temporarily on Hold
Dusek Lane	Seal Coat	Complete
Snow	Seal Coat	Complete
Kelley Road (Howth Rd to SH 6)	Seal Coat	Expected 11/2023
Pin Tail Street	Seal Coat	Complete
Hoff Road	Full Depth Repair	Complete
Repka Road	Full Depth Repair	Expected 11/2023
Sorsby Road	Striping Project	Complete
Jones Road	Striping Project	Complete
Whit Loggins Road	Striping Project	Complete
Murrell Road	Striping Project	Complete
Snow Road	Striping Project	Removed – Low Traffic Volume
Hoff Road	Striping Project	Complete
Clapp Road	Guardrail Replacement	Complete
Clapp Road	Erosion Repair	Complete
Kloecker Road	Culvert Repair	Complete
Dusek Road	Erosion Repair	Complete
Flukinger Road	Reshape Ditch	Complete
Kelley Road	Replace Culvert	Removed – Close Proximity to RR
Pine Oak	Culvert Repair	In Queue
Cedar Creek	Reshape Ditch	Complete
Jones Road	Replace Culvert	In Queue
Cochran Road	Address Erosion	Complete
Mitchell Road	Replace Culvert	In Queue
Gassner Road	Reshape Ditch	Removed – Improved w/La Segarra

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

Other Items the R&B Maintenance Department is working on include:

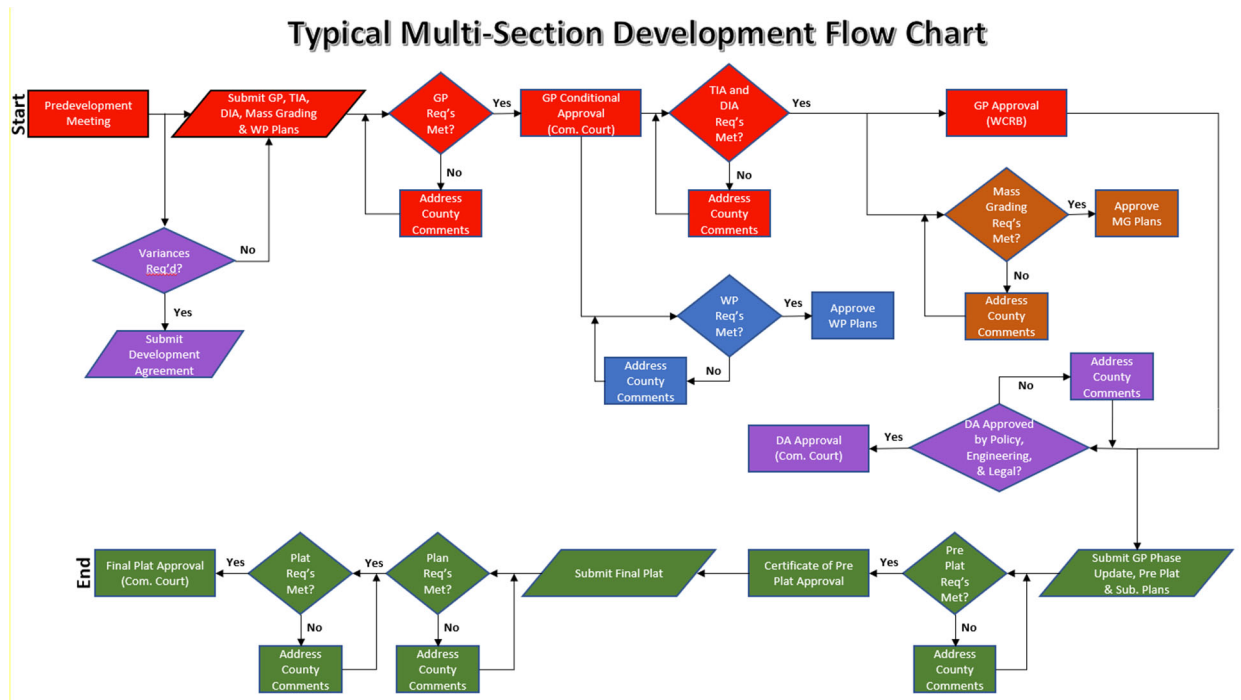
- Uniform Rental Agreements – **Approved 11/15/23**
- Developing an online presence to respond to citizen inquiries (Facebook, etc.).
- Development of maintenance shop for Sheriff's Office.
- Material procurement for FY 24.

Next Quarter focus includes:

- Finalizing FY 24 and FY 25 road plans.
- Organizing maintenance yard and office space.
- Drainage projects.

Engineering

We have updated our submittal process and moved to an in-person submittal. This will allow us to better track plan reviews, and meet required deadlines. Once staff are trained, and our work process is refined, we will consider electronic submittals.



We are refining our plan submittal flow chart. Flow charts and guidance documents will be added to the Road and Bridge webpage upon completion.

FEMA – Community Assistance Visit (CAV) 2023

In February 2023, FEMA initiated an audit of our floodplain management records. The audit, known as a CAV, is a routine check that FEMA performs to ensure that the local government is in compliance with our ordinance. A few key points are below:

- Waller County needs to track substantially damaged properties. Substantially damaged is defined as damaged more than 50% of a structure's value.
 - Waller County will begin tracking damaged structures via GIS.
 - Waller County will need to adopt a Substantial Damage Response Plan. A draft is in process and will be presented to Commissioner's Court at a future meeting.
- FEMA's CAV concludes on December 15, 2023.
- Waller County's Floodplain Ordinance exceeded FEMA's minimum requirements to be a member in the National Flood Insurance Program.

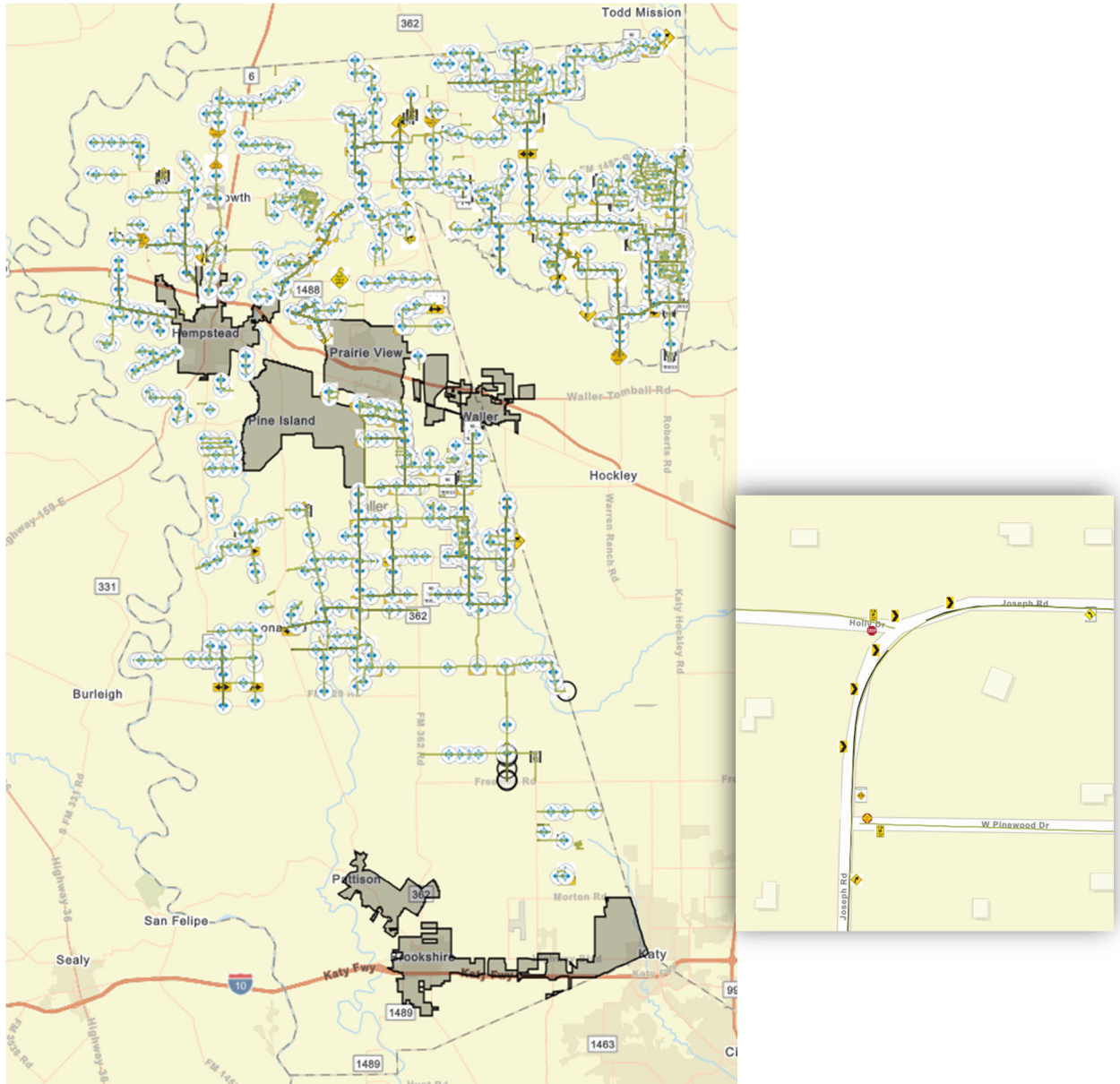
Other Items the Engineering Department is working on include:

- Updating fee structure.
- Amendments to current subdivision rules and regulations.
- Hiring an Engineering Tech and Professional Engineer.
- Road Acceptance Guidance Manual – **On Schedule (Expected Winter 2023)**
- myGov – Work Order Software Implementation – **On Schedule (December 2024)**

Geographic Information Systems (GIS)

The GIS team has been busy inventorying county road mileage, pavement conditions, culvert sizes, culvert conditions, road signs, striping, and guardrail. To date staff has logged 384 miles of road, 2,000 signs, 1,500 culverts, over 100 miles of striping and 10,000 feet of guardrail. This next quarter, the GIS team will finish the final phase of data collection and clean up data sets.

Road Inventory (~~Expected Summer 2024~~) Ahead of Schedule (Expected Spring 2024)



Other Items the GIS Department is working on include:

- Clarifying maintenance limits of county roads near municipalities.
- Finalizing GIS web tool for website.
- Monitoring new development (heat maps, etc.)
- Assisting with maintenance budgeting tasks.