



Waller County Road and Bridge

Maintenance • Engineering • GIS

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

Operations Report – Second Quarter FY 2023

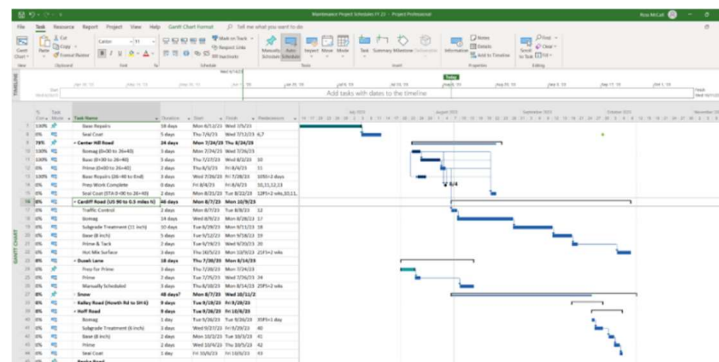
Mission Statement: To provide safe and reliable infrastructure to enhance the quality of life for our citizens, businesses, and visitors through innovation, efficiency and accountability.

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

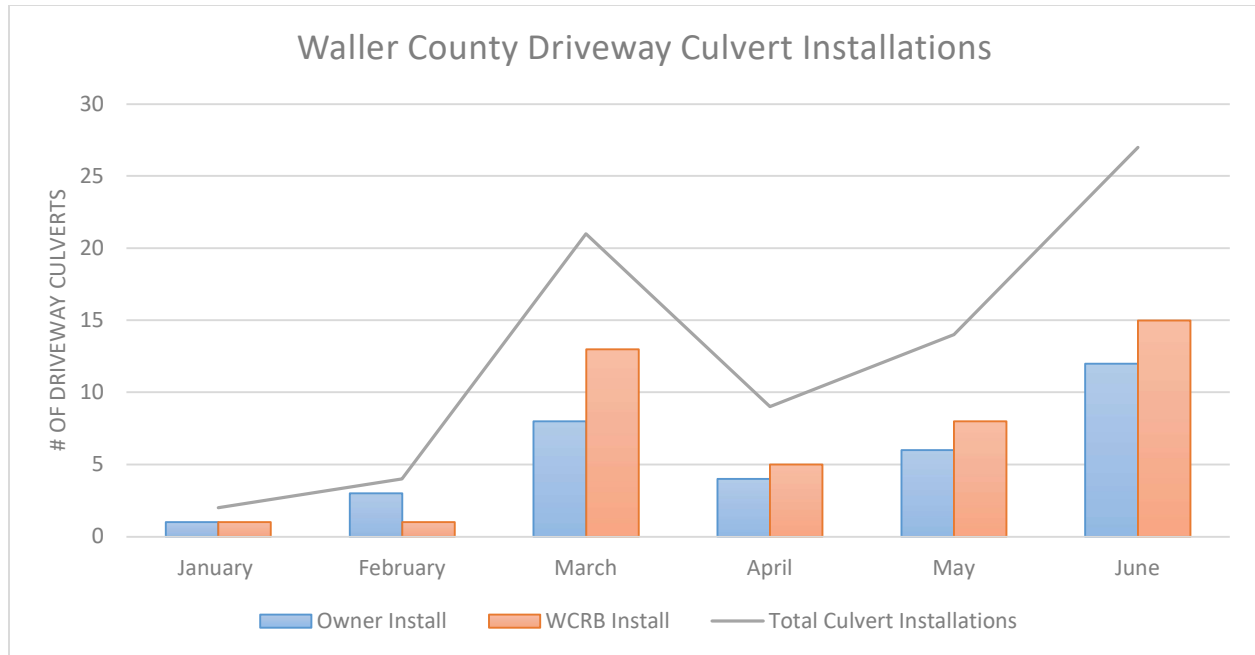
Maintenance

Road Name	Type	Status
Frank Scott Blvd	Seal Coat	Complete
Murrell Road	Seal Coat	Awaiting Seal Coat 9/2023*
Center Hill Road	Seal Coat	Complete
Cardiff Road (US 90 to 0.5 miles N)	Full Depth Repair	Expected FY 23
Dusek Lane	Seal Coat	Complete
Snow	Seal Coat	Rehabilitation Underway
Kelley Road (Howth Rd to SH 6)	Seal Coat	Awaiting Coordination with Railroad
Hoff Road	Full Depth Repair	Rehabilitation and Overlay 9/2023
Repka Road	Full Depth Repair	Awaiting Rehabilitation 10/2023
Sorsby Road	Striping Project	In Queue
Jones Road	Striping Project	In Queue
Whit Loggins Road	Striping Project	In Queue
Murrell Road	Striping Project	In Queue
Snow Road	Striping Project	In Queue
Hoff Road	Striping Project	In Queue
Clapp Road	Guardrail Replacement	In Queue
Clapp Road	Erosion Repair	In Queue
Kloecker Road	Culvert Repair	In Queue
Dusek Road	Erosion Repair	In Queue
Flukinger Road	Reshape Ditch	In Queue
Kelley Road	Replace Culvert	In Queue
Pine Oak	Culvert Repair	In Queue
Cedar Creek	Reshape Ditch	In Queue
Jones Road	Replace Culvert	In Queue
Cochran Road	Address Erosion	In Queue
Mitchell Road	Replace Culvert	In Queue
Gassner Road	Reshape Ditch	In Queue

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



(Above) WCRB uses CPM scheduling to ensure projects are delivered on time and within budget.

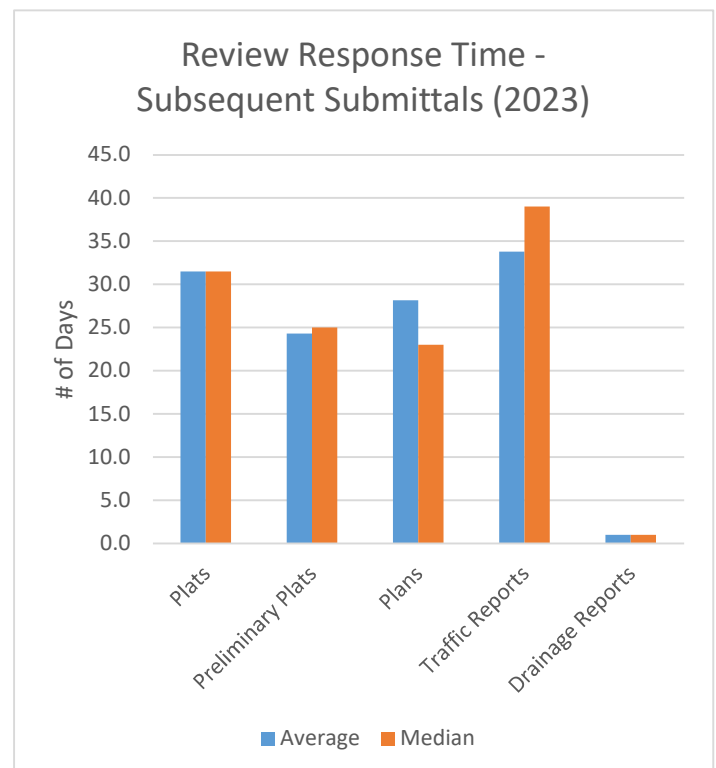


Engineering



Local Govt Code §232.0025 (c): A [plat] application is considered complete when all documentation [is received].

*Local Govt Code §232.0025 (d): [the commissioners court] **shall approve, approve with conditions, or disapprove** a plat application not later than the 30th day after the date the completed application is received by the commissioners court or the court's designee.*

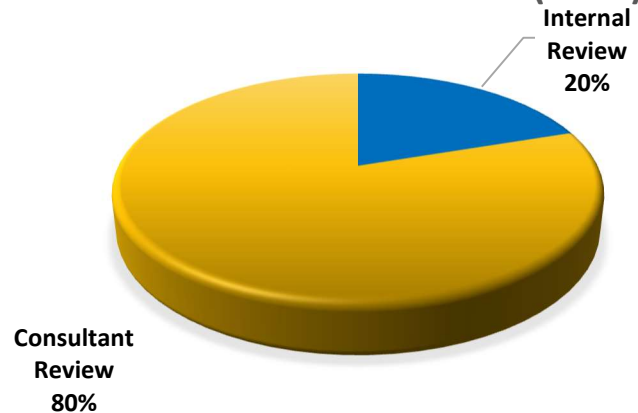


August 2023

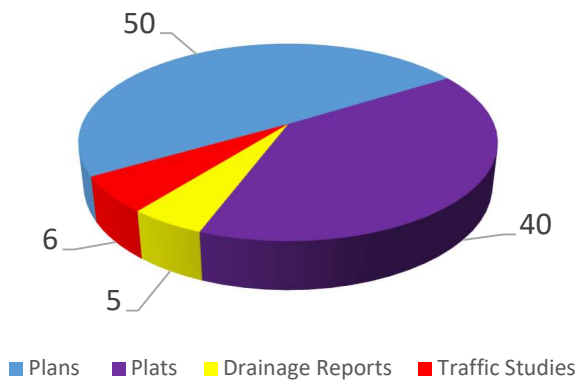
On average, 2 review days are lost for each external review due to the transmittal process (ie~forwarding documents between consultant and applicant, etc.)

Our strategy is to move more reviews internal to achieve compliance with Local Government Code 232.

PLAT AND PLAN REVIEWS (2023)



Number of Submittals (April - June)

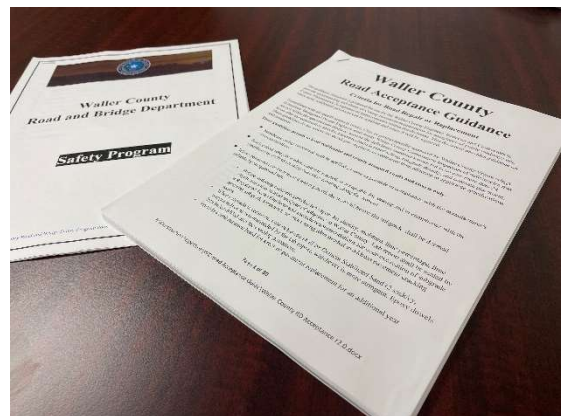


With the addition of another Engineering Tech and an Assistant County Engineer, we will be able to double our current plan review staff.

Road and Bridge will monitor trends and make adjustments to our strategy as needed.

Inspection

- Increasing Coverage with Additional Inspector
- Draft – Road Acceptance Guidance Manual (Expected August 2023)



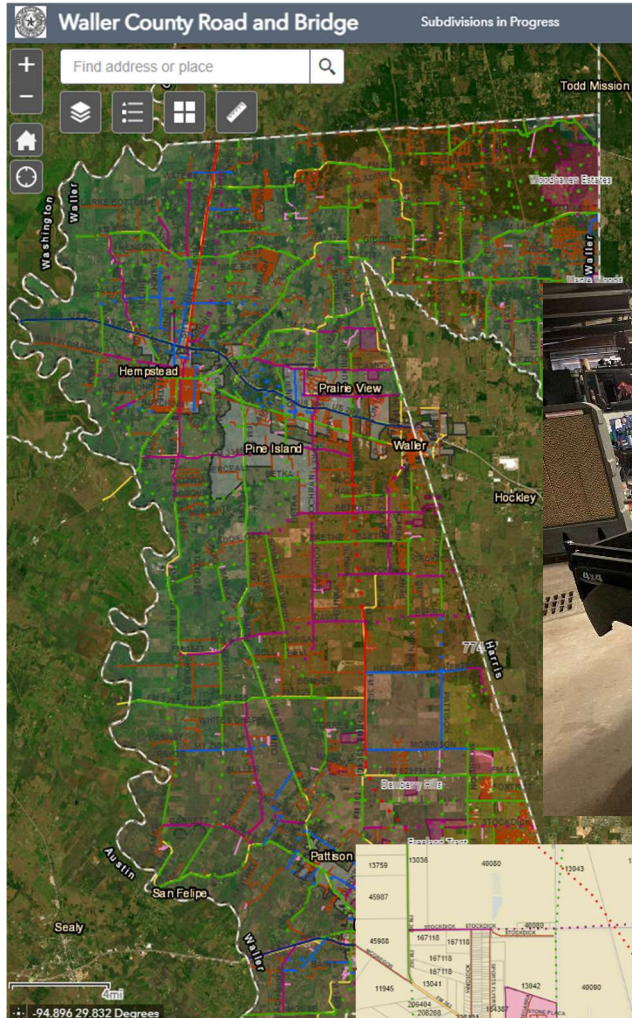
Geographic Information Systems (GIS)

Road Inventory (Expected Summer 2024)

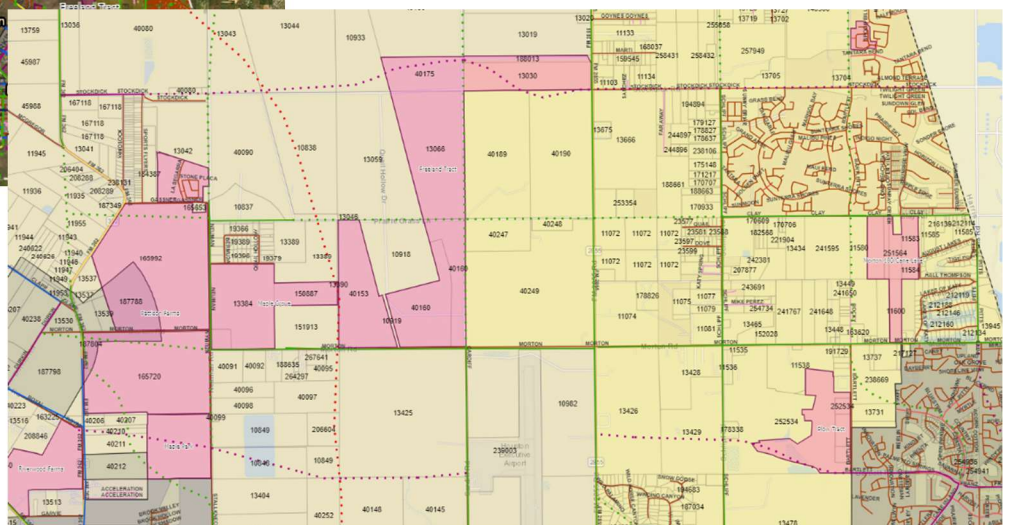
- Road Log Inconsistencies
- Clarity on City Maintenance Limits

Building Layers and Creating Work Applications

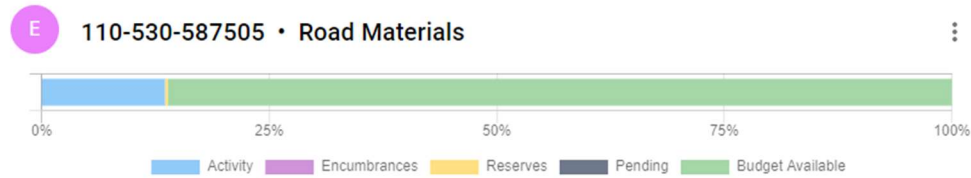
Collecting Road Data (Project On-Going)



(Left and Below) WCRB is inventorying road conditions with GIS mapping tools. A UTV outfitted with a GNSS antenna and receiver can efficiently collect culvert elevations, sign locations and record pavement conditions. (Bottom of page) Thoroughfare maps can be overlaid with planned developments so that WCRB leadership can inform Commissioner's Court of growth and forecast needs.



Financial



Road Materials are a large portion of our budget. Given the mid-year staff transition, it is expected that there won't be enough time to utilize all funds in this line item. As a result, and as discussed with the budget committee, we will begin investing in next year's road equipment this year and free up funds for more road materials in FY 24.

Projects

Electronic Time Clock (Expected August 2023)

- Reduce processing time for administrative staff
- Reduce errors on time sheets

myGov – Permit Software Implementation

- Project Kickoff 7/25 with Addressing, Environmental and Fire Marshal
- 9 month implementation

myGov – Work Order Software Implementation

- Module within existing software
- 6 month implementation

Safety Program

- Safety Program Manual has been drafted and is under review.