

Waller County Check Request/Reimbursement Form

Employee submitting request:

Julie Adams

Department:

Road and Bridge Department

Total Amount Due:

\$77,923.90

Please make check payable to:

Name: Trilogy Engineering Services LLC

Address: 238 Westcott Street

Houston, TX 77007

Please mail check to:

Name: Trilogy Engineering Services LLC

Address: 238 Westcott Street

Houston, TX 77007

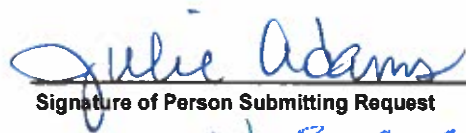
Purpose of check: Invoice # 25-001.003 Project # 25-001

Preliminary Engineering Services for Waller Precinct 3 Adams Flat Road Reconstruction

Services from July 1, 2025 through July 31, 2025

Charge to GL line:

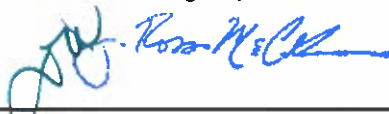
605-605-545405



Signature of Person Submitting Request

8-14-25

Date



Signature of Official/Department Head Submitting Request

8-19-25

Date



INVOICE #3

WALLER COUTY PRECINCT 3 ADAMS FLAT ROAD RECONSTRUCTION 23301
WALLER COUNTY ROAD BOND
12620 FM 1887
HEMPSTAED, TX 77445

August 11, 2025

ATTN: JOHN TYLER, P.E. AND MICHAEL KECK, P.E.
LJA ENGINEERING

CC: KATLYN DEZARN, P.E.
LJA ENGINEERING

RE: WALLER COUTY PRECINCT 3

PROJECT NO.: 025-001
INVOICE NO.: 025-001 003

FOR PRELIMINARY ENGINEERING SERVICES FOR WALLER PRECINCT 3 ADAMS FLAT ROAD RECONSTRUCTION - DATED APRIL 02, 2025
SERVICES FROM JULY 01, 2025 THROUGH JULY 31, 2025

Phase	Contract Fee	% Complete	Billed to Date	Current Billing	Fee Remaining
Preliminary Engineering	\$164,380.00	85.00%	\$139,723.00	\$46,026.40	\$24,657.00
Survey	\$99,956.75	100.00%	\$99,956.75	\$7,888.25	\$0.00
SUE	\$78,965.00	60.00%	\$47,379.00	\$7,896.50	\$31,586.00
Geotechnical	\$41,221.50	23.58%	\$9,720.00	\$9,720.00	\$31,501.50
Environemtnal	\$16,915.00	100.00%	\$16,915.00	\$6,392.75	\$0.00
Structural	\$51,247.00	0.00%	\$0.00		\$51,247.00
Final Design	\$218,184.00	0.00%	\$0.00		\$218,184.00
Direct Cost	\$4,687.00	0.00%	\$0.00		\$4,687.00
Constnution Phase	\$52,828.00	0.00%	\$0.00		\$52,828.00
Total	\$728,384.25	43.07%	\$313,693.75	\$77,923.90	\$414,690.50

TOTAL DUE THIS INVOICE FOR TRILOGY:

\$ 77,923.90

Expected PER Submittal 8/26/2025

Expected Interim Design Submittal 10/10/2025

Expected Final Design Submittal 11/21/2025

SUBMITTED BY

8/11/2025
DATE



Waller County 2023 Mobility Bond

23301 Adams Flat Road

August Progress Meeting - Trilogy

Design Progress

Summary of work completed since last meeting:

SURVEY:

- Task 1: Right Of-Way Survey - at 100% Complete.
 - Obtain Abstracting Information for Subdivision, Right-of-Way Deeds at 100% Complete.
 - Sketch Recording Documents (Deeds, Subdivision Plats, Etc.) at 100% Complete.
 - Determine/Establish Boundary/Right-of-Way Lines - at 100% Complete
- Task 2: Design Survey- at 100% Complete.
 - Prepare Survey Control Map at 100% Complete.
 - Created Texas 811 Tickets for Marking Underground Utilities at 100% Complete.
 - Prepared CAD Drawings (AutoCAD .dwg Format) for Topographic Survey at 100% Complete.
- Task 3: Field Work for Controls, Right-of-Way Survey and Design Survey- at 100% Complete.
 - Establish Horizontal and Vertical Control at 100% Complete.
 - Search and Locate Property/Right-of-Way Corners to Establish the Existing Boundary for Right-of-Way at 100% Complete.
 - Perform TOPO Design Survey at 100% Complete.

SUE:

- SUE Quality Level B (QLB) field work has been completed.
- Initial contact and request for records to Utility Owners completed.
- Coordination with owners for the purposes of records collection completed.
- Field work for QLB designation has been completed.
- QLA test holes sent for approval and agreed on.
- Final SUE deliverables received and sent back with comments.

ENVIRONMENTAL:

- Desktop Environmental Review (Task 1) & WOTUS Desktop Assessment (Task 2) completed
- Cultural Resources Desktop Assessment (Task 3) is still in progress.

Geotechnical:

- Report has been submitted and provided Terracon with comments
- Final report is expected by 8/15.

ROADWAY DESIGN:

- Preliminary Plan and Profile Roll Plot – Complete.
- LJA's comments on the schematic – addressed and incorporated.
- Proposed Plan for Intersection Enhanced Geometry – prepared and sent to LJA.
- Final typical cross section – prepared.
- Right-of-way constraints – confirmed; no acquisition anticipated.
- Utility base mapping – incorporated into design model for conflict evaluation.
- Finalized preliminary horizontal and vertical alignments for PER inclusion
- Development of construction phasing and TCP narrative for PER completed.

STORM DRAINAGE DESIGN:

- Completed hydrologic and hydraulic analysis using Atlas 14 rainfall data and the Rational Method.
- Evaluated existing roadside swales, confirming inadequate depth, slope, and conveyance capacity.
- Identified and documented all undersized, buried, obstructed, or misaligned driveway and cross culverts.
- Verified lack of continuous positive flow and absence of defined outfall locations.
- Developed proposed drainage layout with regraded trapezoidal roadside ditches (3:1 side slopes, 2.5 ft depth below crown).
- Sized proposed driveway culverts for ≥5-year storm event and cross culverts for ≥25-year storm event.
- Performed culvert capacity verification using FHWA HY-8 software.
- Confirmed maintenance of existing outfall locations and no detention facilities required.

Current activities

- Finalizing the Preliminary Engineering Report.
- Opinion of Probable Construction Cost (OPCC)
- Utility Conflict Table

Next steps

- Terracon to submit the Cultural Desktop Assessment
- KCI to submit the final SUE deliverables
- Submit the final draft PER

Project Schedule Update

- Current design phase: **Study Phase**
- Upcoming milestones: **Preliminary Engineering Report; Final PER due August 26, 2025**
- Adjustments to schedule (if any): **None at this time**

Action Items Review

- Outstanding items from previous meetings: [None at this time](#)
- Status updates: [N/A at this time](#)

Right-of-Way / Utility Coordination

- ROW coordination: [TBD](#)
- Utility conflicts and resolutions: [In-progress](#)

Environmental / Permitting Updates

- Any required permits or clearances: [No permits required at this stage](#)
- Status and expected timelines: [Timeline for any future permitting will be established during the PER phase](#)

Coordination with County or Other Agencies

- Updates on communication or decisions from TxDOT, cities, etc.: [Communication with TxDOT has not yet started](#)

Open Discussion

- Questions, requests for guidance, or clarifications

Julie Adams

From: Katlyn Dezarn <kdezarn@lja.com>
Sent: Thursday, August 14, 2025 10:05 AM
To: Ross McCall; Luke Fortkamp
Cc: Julie Adams; John Tyler
Subject: 2023 Mobility Bond Invoice | 23301 Adam's Flat Road
Attachments: 20250811-Invoice#0003-TrilogyEng-Adams_Flat_Reconstruction-23301.pdf

CAUTION: This email originated from outside of the County. Do not click links or open attachments unless you recognize the sender and know that the content is safe.

Hello again!

Attached is another invoice! Here is a summary:

Project #: 23301
Project Name: Adam's Flat Road
Consultant: Trilogy
Invoice Total: 77,923.90
Percent spent so far: 43%
Design Schedule Changes: Minimal Changes to PER submittal due to ROE issue, but final submittal still on track

Thank you so much,

Katlyn Dezarn, PE | Project Engineer

Transportation

O: 713.953.5200 | D: 346.241.1740 | C: 951.520.3950
3600 W Sam Houston Pkwy S Ste 600, Houston, TX 77042

EMPLOYEE-OWNED. CLIENT FOCUSED.

www.lja.com



Julie Adams

From: Luke Fortkamp
Sent: Monday, August 18, 2025 2:02 PM
To: Julie Adams
Subject: RE: LJA - Mobility Invoices needing approval

Julie,

Please put these on the agenda.

Thanks,
-Luke

From: Julie Adams <j.adams@wallercounty.us>
Sent: Monday, August 18, 2025 10:12 AM
To: Luke Fortkamp <l.fortkamp@wallercounty.us>
Subject: LJA - Mobility Invoices needing approval

Hi, Luke.

Are these invoices approved to put on the 9-3-25 agenda?

Thank you,

Julie Adams

Waller County Road and Bridge

775 Bus Hwy 290 East
Hempstead, Texas 77445
979-826-7670

