

**GENERAL MEETING OF THE BOARD OF DIRECTORS
OF THE NORTH EAST TEXAS
REGIONAL MOBILITY AUTHORITY**

RESOLUTION NO. 26-11

WHEREAS, the North East Texas Regional Mobility Authority (“NET RMA”) was created pursuant to the request of Gregg and Smith Counties and in accordance with provisions of the Transportation Code and the petition and approval process established in 43 Tex. Admin. Code § 26.1, *et seq.* (the “RMA Rules”); and

WHEREAS, the Board of Directors of the NET RMA has been constituted in accordance with the Transportation Code and the RMA Rules; and

WHEREAS, subsequent to the initial formation of the NET RMA the Counties of Cherokee, Rusk, Harrison, Upshur, Bowie, Panola, Wood, Van Zandt, Titus, Kaufman, Camp, and Cass joined the Authority and are represented on the Board of Directors; and

WHEREAS, on April 11, 2023, in Resolution 23-09, the NET RMA Board of Directors approved the selection of H.W. Lochner, Inc. (“Lochner”) to serve as one of the general engineering consultants (“GEC”) to the NET RMA and authorized the Chairman to execute an agreement with Lochner for the provision of general consulting civil engineering services; and

WHEREAS, the Texas Department of Transportation (“TxDOT”) and the NET RMA are pursuing a project to rehabilitate United States Highway 271 (“US 271”) from the Pittsburg city limits to the Upshur County line in Camp County, which includes re-striping US 271 to provide a continuous center left-turn lane within these limits (the “Project”); and

WHEREAS, Lochner has developed a proposed scope of work and budget for the preparation of the plans, specifications, and estimates for the Project (the “Services”); and

WHEREAS, a copy of that proposed scope of work and budget not to exceed \$485,000.00 is contained in Work Authorization No. 14, attached hereto as Attachment “A”; and

WHEREAS, the NET RMA Board of Directors must approve Work Authorization No. 14 before Lochner may proceed to work thereunder; and

WHEREAS, Lochner has represented to the Board of Directors that the work reflected in Work Authorization No. 14 is necessary and appropriate.

NOW THEREFORE, BE IT RESOLVED, that the Board of Directors approves Work Authorization No. 14 with Lochner to prepare the plans, specifications, and estimates for the Project in the form attached hereto as Attachment “A”, for an amount not to exceed \$485,000.00; and

BE IT FURTHER RESOLVED, that all work performed under Work Authorization No. 14 shall be subject to the Agreement for General Consulting Civil Engineering Services between the NET RMA and Lochner and that no additional work may be undertaken without the specific approval of the Board of Directors.

Adopted by the Board of Directors of the North East Texas Regional Mobility Authority on the 19th day of May 2026.

Submitted and reviewed by:

Approved:

Signed by:



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Brian O'Reilly

General Counsel for the North East
Texas Regional Mobility Authority

DocuSigned by:



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Gary Halbrooks

Chair, Board of Directors
Date Passed: 05/19/26
Resolution No. 26-11

Attachment "A"

WORK AUTHORIZATION

WORK AUTHORIZATION NO. 14

This Work Authorization is made as of this **19th** day of **May, 2026**, under the terms and conditions established in the AGREEMENT FOR GENERAL CONSULTING ENGINEERING SERVICES, dated as of June 01, 2023 (the “Agreement”), between the North East Texas Regional Mobility Authority (“Authority”) and H.W. Lochner Inc., General Engineering Consultant (the “GEC”). This Work Authorization is made for the following purpose, consistent with the services defined in the Agreement:

Section A. - Scope of Services to be provided by the Engineer

A.1. GEC shall perform the following Services:

General Engineering Consultants Totals Associated with WA#14 - Plans, Specification and Estimate (PS&E) for the Rehabilitation Project on US 271 with limits from 0.2 Miles S. of FM 3384/Pittsburg City Limits to the Upshur County Line in Camp County (CSJ: 0248-03-024).

See Exhibit A – Scope of Services to be Provided by the Engineer.

A.2. In conjunction with the performance of the foregoing Services, GEC shall provide the following submittals/deliverables (Documents) to the Authority:

GEC shall prepare Plans, Specification and Estimate (PS&E) for the letting of the project referenced above, as requested by the NET RMA.

Section B. - Schedule

GEC shall perform the Services and deliver the related Documents (if any) according to the following schedule:

See Exhibit B – Schedule

This Work Authorization shall be effective from June 1, 2026, to June 1, 2028.

Section C. - Compensation

C.1. In return for the performance of the foregoing obligations, the Authority shall pay to the GEC the amount not to exceed \$485,000.00 based on the attached fee estimate.

See Exhibit C – Man-hour / Fee Estimate.

C.2. Compensation for Additional Services (if any) shall be paid by the Authority to the GEC according to the terms of a future Work Authorization.

Section D. - Authority’s Responsibilities

The Authority shall perform and/or provide the following in a timely manner so as not to delay the Services of the GEC. Unless otherwise provided in this Work Authorization, the Authority shall bear all costs incident to compliance with the following:

Provision of support documents and prompt response to inquiries as requested by the GEC.

Section E. - Other Provisions

The parties agree to the following provisions with respect to this specific Work Authorization:

(none anticipated)

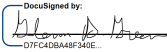
Except to the extent expressly modified herein, all terms and conditions of the Agreement shall continue in full force and effect.


Authority: **North East Texas Regional
Mobility Authority**

GEC: H.W. Lochner, Inc

By: Glenn Green

By: Gregory G. Evans, P.E.

Signature:  _____
DocuSigned by:
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Signature:  _____
DocuSigned by:
EEDC989E9C4945D

Title: Executive Director

Title: Vice President

Date: 5/21/2026

Date: 5/20/2026

Attachments:

Exhibit A: Scope of Services to be provided by the Engineer

Exhibit B: Schedule

Exhibit C: Man-hour / Fee Estimate

WORK AUTHORIZATION #14

NORTH EAST TEXAS REGIONAL MOBILITY AUTHORITY

EXHIBIT A - SERVICES TO BE PROVIDED BY THE ENGINEER (H. W. LOCHNER, INC.) AS GENERAL ENGINEERING CONSULTANTS SERVICES ASSOCIATED WITH WA#14 - PLANS, SPECIFICATION AND ESTIMATE (PS&E) FOR THE SURFACING/ROADWAY RESTORATION PROJECT ON US 271 WITH LIMITS FROM 0.2 MILES S. OF FM 3384/PITTSBURG CITY LIMITS TO THE UPSHUR COUNTY LINE IN CAMP CO. (CSJ: 0248-03-024)

SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

- **Roadway:** US 271
- **CSJ:** 0248-03-024
- **County:** Camp
- **Limits** From 0.2 Miles S. of FM 3384/Pittsburg City Limits to Upshur County Line
- **Description:** Rehabilitate Roadway

The Engineer shall provide engineering services required for the preparation of plans, specifications and estimates (PS&E) and related documents, for the project listed above to be approved and let to construction by the Texas Department of Transportation (TxDOT).

Provide Data Collection and Field Reconnaissance. The Engineer shall collect, review and evaluate data described below. The Engineer shall notify the NET RMA in writing whenever the Engineer finds disagreement with the information or documents:

1. Data, if available, from TxDOT, including “as-built plans”, existing schematics, right-of-way maps, Subsurface Utility Engineering (SUE) mapping, existing cross sections, existing planimetric mapping, environmental documents, existing channel and drainage easement data, existing traffic counts, accident data, Bridge Inspection records, Project Management Information system (PMIS) data, identified endangered species, identified hazardous material sites, current unit bid price information, current special provisions, special specifications, and standard drawings.
2. Documents for existing and proposed development along proposed route from local municipalities and local ordinances related to project development.
3. Conduct field reconnaissance and collect data including a photographic record of notable existing features.

Design Criteria. The Engineer shall develop the roadway design criteria based on the controlling factors specified by TxDOT (*i.e.* 4R, 3R, 2R, or special facilities), by use of the funding categories, design speed, functional classification, roadway class and any other set criteria as set forth in *PS&E Preparation Manual, Roadway Design Manual, Bridge Design Manual, Hydraulic Design Manual*, and other deemed necessary TxDOT approved manuals. In addition, the Engineer shall prepare the Design Summary Report (DSR) and submit it electronically. The Engineer shall obtain written concurrence from the NET RMA and TxDOT prior to proceeding with a design if any questions arise during the design process regarding the applicability of TxDOT’s design criteria.

Design Concept Conference. In accordance with the NET RMA and TxDOT's Project Development Process Manual, the Engineer, in cooperation with the NET RMA and TxDOT, shall plan, attend and document the Design Concept Conference (DCC) to be held prior to the 30 percent milestone submittal. In preparation for the DCC, the Engineer shall complete TxDOT's Design Summary Report to serve as a checklist for the minimum required design considerations. The conference will provide for a brainstorming session in which decision makers, stakeholders and technical personnel may discuss and agree on:

- Roadway and drainage design parameters
- Engineering and environmental constraints
- Project development schedule
- Other issues as identified by TxDOT
- Identify any Design Exceptions and Waivers
- Preliminary Construction Cost Estimate

Geotechnical Borings and Investigations: TxDOT or the NET RMA will provide all geotechnical borings and investigations.

ENVIRONMENTAL STUDIES AND PUBLIC INVOLVEMENT

Informal Meetings. It is not anticipated that the Engineer's participation will be needed for the NEPA process.

Environmental Permits Issues and Commitments (EPIC) Sheets. The Engineer shall complete the latest version of the EPIC sheets per information provided by TxDOT. These sheets must be signed, sealed and dated by the Engineer as indicated in signature block. The final sheets must be submitted for the TxDOT's signature.

Environmental Documentation. TxDOT shall provide the appropriate environmental documentation for the project.

Environmental Exhibits. The Engineer shall prepare the necessary exhibits for the environmental study to be performed by others. The Engineer shall coordinate with the Environmental Project Manager and TxDOT's Environmental Engineer for the preparation of these exhibits.

RIGHT-OF-WAY (ROW) DATA

The Engineer shall estimate the existing ROW location within the project limits from project records.

MANAGING THE CONTRACT

PROJECT MANAGEMENT AND ADMINISTRATION

The Engineer, in association with the NET RMA and the TxDOT Project Manager shall be responsible for directing and coordinating all activities associated with the project to comply with TxDOT policies and procedures, and to deliver that work on time.

The Engineer shall:

- Provide monthly invoices in accordance with the NET RMA's guidelines along with proper backup documentation.
- Meet on a scheduled basis with the NET RMA and TxDOT to review project progress. Prepare, distribute, and file both written and electronic correspondence.
- Prepare and distribute meeting minutes.
- Document phone calls and conference calls as required during the project to coordinate the work for various team members.
- The NET RMA will be copied on correspondence with TxDOT's Project Manager.

ROADWAY DESIGN

Design Surveys

Design Surveys include performance of surveys associated with the gathering of survey data for topography, cross-sections, and other related work in order to design a project, or during layout and staking of projects for construction. Others will be responsible for providing the required design survey files for this project. Design Surveys are not part of this work authorization.

SUBSURFACE UTILITY ENGINEERING

Utility Engineering Investigation (Subsurface Utility Engineering) includes utility investigations subsurface and above ground prepared in accordance with AASHTO standards [ASCE C-1 38-02 (<http://www.fhwa.dot.gov/programadmin/asce.cfm>)]

Only Quality Level D subsurface utility engineering (as defined below) is anticipated for this project.

Quality Level D – Existing Records: Utilities are plotted from review of available existing records.

ROADWAY DESIGN CONTROLS

The Engineer shall inform TxDOT of changes made from previous initial meetings regarding each exception, waiver, and variance that may affect the design. The Engineer shall identify, prepare exhibits, and complete all necessary forms for Design Exceptions and Waivers within project limits prior to the 30% Submittal. These exceptions shall be provided to the TxDOT for coordination and processing of approvals.

Geometric Design. The Engineer shall:

Preliminary Geometric Project Layout. The Engineer shall develop a preliminary geometric plan view project layout (Layout) for the full length of the project to be reviewed and approved by TxDOT prior to the Engineer proceeding with the 30% milestone submittal package.

The Layout must consist of a planimetric file of existing features and the proposed improvements within the existing ROW. The Layout must also include the following features shown from old plans: existing ROW, existing pavement, cross culverts, dedicated right turn lanes, retaining walls (if applicable) guard rail (if applicable), and proposed mailbox turnouts where the existing roadway shoulder is reduced.

The Engineer shall consider Americans with Disabilities Act (ADA) requirements when developing the Layout. The Layout must be prepared in accordance with the current Roadway Design Manual. The project layout must be coordinated with TxDOT and adjacent Engineers, if any. The Engineer shall also provide proposed and existing typical sections with the profile grade line (PGL), lane widths, cross slopes, pavement structures and clear zones depicted, etc.

Prior to proceeding with the final preliminary geometric layout, the Engineer shall also present to TxDOT for review and approval, alternatives for the design (e.g. striping options and transitions) with recommendations for each alternative. The Engineer shall also attend all necessary meetings to discuss the outcome of the evaluations of the study.

Roadway Design.

The Engineer shall use Bentley's OpenRoads 3D Design technology in the design and preparation of the roadway plan sheets. The Engineer shall use the versions of MicroStation and GEOPAK that are implemented at TxDOT at the time the work authorization is executed. However, TxDOT may approve the use of other versions.

The Engineer shall provide roadway plan and profile drawings using CADD standards as required by TxDOT. The drawings must consist of a planimetric file of existing features and files of the proposed improvements. The roadway base map must contain line work that depicts existing surface features obtained from the schematic drawing. Existing major subsurface and surface utilities must be shown if requested by TxDOT. Existing and proposed right-of-way lines must be shown. Plan and Profile must be shown on separate or same sheets (this depends upon width of pavement) for main lanes, frontage roads, and direct connectors.

The plan view must contain the following design elements:

1. Roadway centerlines for mainlanes, ramps, cross streets and frontage roads, as applicable. Horizontal control points must be shown. The alignments must be calculated using OpenRoads horizontal geometry tools.
2. Pavement edges for all improvements (mainlanes, direct connectors, ramps, cross streets, driveways and frontage roads, if applicable).
3. Lane and pavement width dimensions.
4. The geometrics of ramps, auxiliary and managed lanes.
5. Proposed structure locations, lengths, and widths.
6. Direction of traffic flow on all roadways. Lane lines and arrows indicating the number of lanes must also be shown.
7. Drawing scale shall be 1"=100'
8. Control of access line, ROW lines and easements.
9. Begin and end superelevation transitions and cross slope changes.
10. Limits of riprap, block sod, backfill pavement edge, and seeding.
11. Existing utilities and structures.
12. Mailbox turnout designs.
13. Radii call outs, curb location, Concrete Traffic Barrier (CTB), guard fence, crash safety items and American with Disabilities Act Accessibility Guidelines (ADAAG) compliance items.

Typical Sections: The Engineer shall prepare typical sections for all proposed and existing roadways and structures. Typical sections must include width of travel lanes, shoulders, outer

separations, border widths, curb offsets, managed lanes, and ROW. The typical section must also include Proposed Profile Grade Line (PGL), centerline, pavement design, longitudinal joints, side slopes, sodding or seeding limits, concrete traffic barriers and sidewalks, if required, station limits, common proposed and existing structures including retaining walls, existing pavement removal, riprap, limits of embankment and excavation, etc.

Plan Preparation. The Engineer shall prepare roadway plans and typical sections for the proposed improvements. The roadway plans must consist of the types and be organized in the sequence as described in the *PS&E Preparation manual*.

Pavement Design. To be provided by TxDOT.

Pedestrian and Bicycle Facilities. Pedestrian and Bicycle facilities impacted by the project will be addressed by TxDOT.

DRAINAGE. No drainage computations are anticipated for the scope of this project.

SIGNING, PAVEMENT MARKINGS AND SIGNALIZATION (PERMANENT)

Signing. The Engineer shall prepare drawings, specifications, and details for all signs affected by proposed roadway widening. The Engineer shall coordinate with TxDOT (and other Engineers as required) for overall temporary, interim and final signing strategies and placement of signs outside contract limits. If necessary, the Engineer shall:

- Prepare sign detail sheets for large guide signs showing dimensions, lettering, shields, borders, corner radii, etc., and shall provide a summary of large and small signs to be removed, relocated, or replaced.
- Designate the shields to be attached to guide signs.
- Illustrate and number the proposed signs on plan sheets.
- Select each sign foundation from TxDOT Standards.

Pavement Marking. The Engineer shall detail both permanent and temporary pavement markings and channelization devices on plan sheets. The Engineer shall coordinate with TxDOT (and other Engineers as required) for overall temporary, interim, and final pavement marking strategies. The Engineer shall select Pavement markings from the latest TxDOT standards.

The Engineer shall provide the following information on sign and pavement marking layouts:

- Roadway layout.
- Center line with station numbering.
- Designation of arrow used on exit direction signs
- Culverts and other structures that present a hazard to traffic.
- Existing signs to remain, to be removed, to be relocated or replaced.
- Proposed signs (illustrated, numbered and size).
- Proposed markings (illustrated and quantified) which include pavement markings, object markings and delineation.
- Quantities of existing pavement markings to be removed.
- Proposed delineators, object markers, and mailboxes.
- The location of frontage roads and ramps.

- The number of lanes in each section of proposed highway and the location of changes in numbers of lanes.
- Right-of-way limits.
- Direction of traffic flow on all roadways.

MISCELLANEOUS (ROADWAY)

The Engineer shall provide the following services:

Traffic Control Plan, Detours, Sequence of Construction. The Engineer shall prepare Traffic Control Plans (TCP) including TCP typical sections, for the project. The Engineer shall complete Form 2229-Significant Project Procedures along with Page 4 of Form 1002, specifically titled Accelerated Construction Procedures. A detailed TCP must be developed in accordance with the latest edition of the TMUTCD. The Engineer shall implement the current Barricade and Construction (BC) standards and TCP standards as applicable. The Engineer shall interface and coordinate phases of work, including the TCP, with adjacent Engineers. The Engineer shall:

1. Provide a written narrative of the construction sequencing and work activities per phase and determine the existing and proposed traffic control devices (regulatory signs, warning signs, guide signs, route markers, construction pavement markings, barricades, flag personnel, temporary traffic signals, etc.) to be used to handle traffic during each construction sequence. The Engineer shall show proposed traffic control devices at grade intersections during each construction phase (stop signs, flag person, signals, etc.). The Engineer shall show temporary roadways, ramps, structures (including railroad shoo-fly) and detours required to maintain lane continuity throughout the construction phasing. If temporary shoring is required, prepare layouts and show the limits on the applicable TCP.
2. Develop each TCP to provide continuous, safe access to each adjacent property during all phases of construction and to preserve existing access. The Engineer shall notify TxDOT in the event existing access must be eliminated and must receive approval from TxDOT prior to any elimination of existing access.
3. Prepare each TCP in coordination with TxDOT. The TCP must include interim signing for every phase of construction. Interim signing must include regulatory, warning, construction, route, and guide signs. The Engineer shall interface and coordinate phases of work, including the TCP, with adjacent Engineers, which are responsible for the preparation of the PS&E for adjacent projects.
4. Maintain continuous access to abutting properties during all phases of the TCP. The Engineer shall develop a list of each abutting property along its alignment. The Engineer shall prepare exhibits for and attend meetings with the public, as requested by TxDOT.
5. Describe the type of work to be performed for each phase of sequence of construction and any special instructions (e.g. storm drain, culverts, bridges, railing, illumination, signals, retaining walls, signing, paving surface sequencing or concrete placement, ROW restrictions, utilities, etc.) that the contractor should be made aware to include limits of construction, obliteration, and shifting or detouring of traffic prior to the proceeding phase.
6. Include the work limits, the location of channelizing devices, positive barrier, location and direction of traffic, work area, stations, pavement markings, and other information deemed necessary for each phase of construction.

Storm Water Pollution Prevention Plans (SWP3). The Engineer shall develop SWP3, on separate sheets from (but in conformance with) the TCP, to minimize potential impact to receiving waterways. The SWP3 must include text describing the plan, quantities, type, phase and locations of erosion control devices and any required permanent erosion control.

Compute and Tabulate Quantities. The Engineer shall provide the summaries and quantities within all formal submittals.

Estimate. The Engineer shall independently develop and report quantities necessary to construct the contract in standard TxDOT bid format at the specified milestones and Final PS&E submittals. The Engineer shall prepare each construction cost estimates using Estimator or any approved method. The estimate shall be provided at each milestone submittal or in DCIS format at the 95% and Final PS&E submittals per TxDOT's District requirement.

Contract time determination. The Engineer shall prepare a detailed contract time estimate to determine the approximate time required for construction of the project in calendar and working days (based on TxDOT standard definitions of calendar and working days) at the 95% and Final PS&E milestone. The schedule must include tasks, subtasks, critical dates, milestones, deliverables, and review requirements in a format which depicts the interdependence of the various items and adjacent construction packages. The Engineer shall provide assistance to TxDOT in interpreting the schedule.

Specifications and General Notes. The Engineer shall identify necessary standard specifications, special specifications, special provisions and the appropriate reference items. The Engineer shall prepare General Notes from the District's *Master List of General Notes*, Special Specifications and Special Provisions for inclusion in the plans and bidding documents. The Engineer shall provide General Notes, Special Specifications and Special Provisions in the required format.

Constructability Review. The Engineer shall provide Independent Quality Review of the constructability of the PS&E sets.

The Engineer shall perform constructability reviews at major project design milestones (e.g. 30%, 60%, 90%, and final plan) to identify potential constructability issues and options that would provide substantial time savings during construction. The constructability review must be performed for all roadway and structural elements such as Sequence of Work and Traffic Control, Drainage (Temporary and Permanent), Storm Water Pollution Prevention Plan (SWP3), Environmental Permits, Issues and Commitments (EPIC) addressed, identify Utility conflicts; ensuring accuracy and appropriate use of Items, Quantities, General Notes, Standard and Special Specifications, Special Provisions, Contract Time/Schedule, Standards; and providing detailed comments in an approved format. Reviews must be captured in a Constructability Log identifying areas of concern and potential conflict. The Engineer shall provide the results of all Constructability reviews and recommendations to TxDOT at major project design milestone submittals.

Deliverables

Plans

The Engineer shall provide the following information at each submittal:

1. Review Submittal (30%)

- 1.1. Electronic PDF copies of 11" x 17" plan sheets for TxDOT and NETRMA Review.
- 1.2. Estimate of construction cost.
- 1.3. Engineer's internal QA and QC markup set.

- 1.4 Form 1002 and Design Exceptions with existing and proposed typical sections, location map and design exception exhibits.
2. Review Submittal (60%-Safety Review)
 - 2.1 Electronic PDF copies of 11" x 17" plan sheets for TxDOT and NETRMA Review.
 - 2.2 Estimate of construction cost.
 - 2.3 Engineer's internal QA and QC markup set.
 - 2.4 Construction Timeline
 - 2.5 Form 1002 and Design Exceptions with existing and proposed typical sections, location map and design exception exhibits.
3. Review Submittal (90%)
 - 3.1 Electronic PDF copies of 11" x 17" plan sheets for TxDOT District and NETRMA Review.
 - 3.2 Estimate of construction cost.
 - 3.3 Marked up general notes
 - 3.4 Construction Timeline.
 - 3.5 New Special Specifications and Special Provisions with Form 1814, if applicable.
 - 3.6 Engineer's internal QA and QC marked up set.
 - 3.7 Other supporting documents.
4. District Review Submittal (95%):
 - 4.1 Electronic PDF copies of 11" x 17" plan sheets for the TxDOT district and NETRMA review
 - 4.2 List of governing Specifications and Special Provisions in addition to those required.
 - 4.3 Marked up general notes.
 - 4.4 Plans estimate.
 - 4.5 New Special Specifications and Special Provisions with Form 1814, if applicable.
 - 4.6 Triple Zero Special Provisions.
 - 4.7 Engineer sign, seal and date supplemental sheets (8 ½" x 11").
 - 4.8 Contract time determination summary.
 - 4.9 Final PS&E Stage Gate Checklist (Form 2443)
 - 4.10 Significant project procedures form.
 - 4.11 Right-of-Way and utilities certification.
 - 4.12 Construction speed zone request.
 - 4.13 Engineer's internal QA and QC marked-up set.
 - 4.14 Other supporting documents.
5. Final submittal (100%).
 - 5.1 Electronic PDF copies of 11" x 17"
 - 5.2 Revised supporting documents from 95% review comments.

Electronic Copies

The Engineer shall furnish the TxDOT and NETRMA with a CD or DVD of the final plans in the format of current CADD system used by TxDOT, .pdf format, and in TxDOT's File Management System (FMS) format.

The Engineer shall also provide separate CD or DVD containing cross section information (in dgn, XLR, & ASCII formats) for the TxDOT contractor to use.

The Engineer shall provide an electronic copy of Primavera file or the latest scheduling program used by TxDOT for construction time estimate.

With the approval of TxDOT and NETRMA, and in lieu of the above, the Engineer may maintain the project files in TxDOT ProjectWise container. The handoff of the electronic files will be via email to TxDOT, with a URN link to the project location in ProjectWise provided in the email.

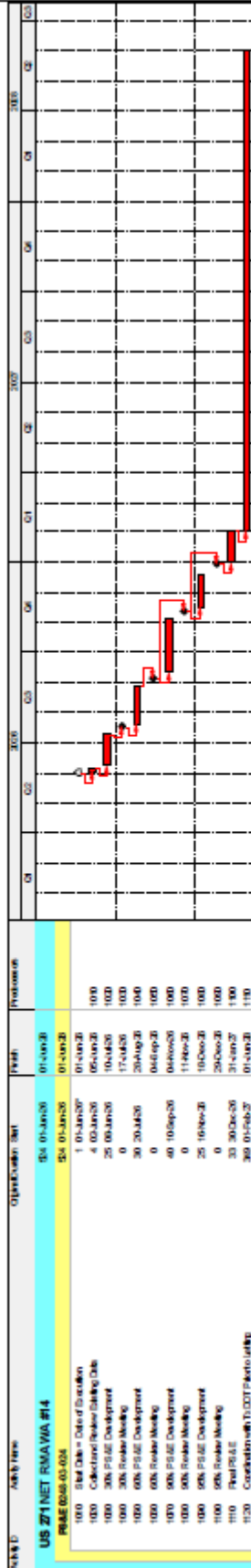
Calculations

The Engineer shall provide the following:

Digital working copies of spreadsheets and output from any programs utilized, all engineering calculations, analysis, input calculations, quantities, geometric designs relating to the project's structural elements. Project structural elements include, but are not limited to: bridges, retaining walls, overhead sign foundations, high-mast illumination foundations, non-standard culverts, custom headwalls and drainage appurtenances.

The Engineer may provide the calculations in .pdf format in lieu of the bound hard copies. The .pdf file should be submitted on a CD, DVD, or in ProjectWise (if applicable).

H.W. LOCHNER, INC.
NET RMA WORK AUTHORIZATION #14
EXHIBIT B - PROJECT DESIGN SCHEDULE



WORK AUTHORIZATION #14

NORTH EAST TEXAS REGIONAL MOBILITY AUTHORITY

EXHIBIT C – MAN-HOUR / FEE ESTIMATE

LOCHNER

General Engineering Consultants Totals Associated with WA#14 - Plans, Specification and Estimate (PS&E) for the Surfacing/Roadway Restoration project on US 271 with limits from 0.2 Miles S. of FM 3384 to the Upshur County Line in Camp County (CSJ: 0248-03-024).

Task ID	Description	Price
10	Program Management Total	\$41,670
20	PS&E Development Total	\$324,858
30	Prepare review submittals, attend review meetings and prepar bid package for TxDOT let	\$114,522
40	Expenses	\$3,950
GEC Sub-Total		\$485,000

Total Work Authorization #14 Amount = \$485,000

Submittal Date: 5/4/26

LOCHNER

General Engineering Consultants Totals Associated with WA#14 - Plans, Specification and Estimate (PS&E) for the Surfacing/Roadway Restoration project on US 271 with limits from 0.2 Miles S. of FM 3384 to the Upshur County Line in Camp County (CSJ: 0248-03-024).

Task#	Resource	Description	Unit	Quantity	Rate	Totals
10	Program Management and Quality Control					
	Labor					
		Program Manager	Hr	24	\$365.08	\$8,762
		Design Service Manager	Hr	40	\$352.91	\$14,116
		Engineer (Senior)	Hr	40	\$274.76	\$10,990
		Engineer (Project)	Hr	24	\$202.44	\$4,859
		Administrative/Clerical	Hr	24	\$122.61	\$2,943
	Labor Total			152		\$41,670
10	Program Management Total					\$41,670
20	Plans, Specification and Estimate (PS&E) development					
	Labor					
		Program Manager	Hr	28	\$365.08	\$10,222
		Design Service Manager	Hr	100	\$352.91	\$35,291
		Engineer (Senior)	Hr	100	\$274.76	\$27,476
		Engineer (Project)	Hr	300	\$202.44	\$60,732
		Engineer (Design)	Hr	300	\$176.46	\$52,938
		Engineer In Training II	Hr	300	\$127.78	\$38,334
		Engineer In Training I	Hr	300	\$112.57	\$33,771
		Engineer Technician (Sr.)	Hr	180	\$166.81	\$30,026
		Engineer Technician	Hr	180	\$114.18	\$20,552
		Engineer Technician (Jr.)	Hr	170	\$91.27	\$15,516
	Labor Total			1958		\$324,858
20	PS&E Development Total					\$324,858

30 Preparing bid package, advertisement, answering questions from contractors, receiving bids, preparing bid tabulation, bid evaluation, and bid recommendation for letting.

Labor

Program Manager	Hr	12	\$365.08	\$4,381
Design Service Manager	Hr	80	\$352.91	\$28,233
Engineer (Senior)	Hr	80	\$274.76	\$21,981
Engineer (Project)	Hr	80	\$202.44	\$16,195
Engineer (Design)	Hr	80	\$176.46	\$14,117
Engineer In Training II	Hr	80	\$127.78	\$10,222
Engineer In Training I	Hr	40	\$112.57	\$4,503
Engineer Technician (Sr.)	Hr	40	\$166.81	\$6,672
Engineer Technician	Hr	40	\$114.18	\$4,567
Engineer Technician (Jr.)	Hr	40	\$91.27	\$3,651

Labor Total 572 \$114,522

30 Prepare review submittals, attend review meetings and prepar bid package for TxDOT letti \$114,522

40 Other Direct (These Other Direct Expenses for Lochner at cost)

Expenses

Copies (8 1/2" X 11")	EA	500	\$0.15	\$75
Copies (11" X 17")	EA	1000	\$0.25	\$250
Mileage	Mile	5000	\$0.725	\$3,625
Lodging/Hotel	day/person	0	\$107.00	\$0
Lodging/Hotel - Taxes - fees	day/person	0	\$45.00	\$0
Meals (Excluding alcohol & tips)	day/person	0	\$64.00	\$0
Car Rental	Day	0	\$100.00	\$0

40 Other Direct Expenses \$3,950

WA#14 Engineering Services Total = \$485,000