



In-Place Transportation Committee Agenda

Greg Menold – Chairman
James Carius Conference Room
Wednesday, June 25, 2025
During County Board Meeting

I. Roll Call

II. New Business

T-25-15 A. Resolution – 23-19129-00-BR – School St. LPA Eng. Agreement

III. Recess

Members: Chairman Greg Menold, Nancy Proehl, Kaden Nelms, Nick Graff,
Tammy Rich-Stimson, Joe Woodrow, Deene Milam

COMMITTEE REPORT

Mr. Chairman and Members of Tazewell County Board:

Your Transportation Committee has considered the following RESOLUTION and recommends that it be adopted by the Board.

RESOLUTION

WHEREAS, bridge replacement has become necessary under Section 23-19129-00-BR for the bridge on School Street (TR 190) over Farm Creek (Existing Structure No. 090-5027) necessitating an agreement for engineering services; and

WHEREAS, an agreement titled *Local Public Agency Engineering Services Agreement* has been developed to provide funding for said preliminary engineering services; and

WHEREAS, the County Engineer and the Transportation Committee have reviewed said agreement between Tazewell County and Crawford, Murphy and Tilly, Inc.; and

WHEREAS, motion was made and passed upon vote to recommend to the County Board that Tazewell County approve said *Local Public Agency Engineering Services Agreement* and authorize the County Board Chairman to sign said agreement; and

WHEREAS, said agreement shall be subject to approval by the Illinois Department of Transportation, and

THEREFORE BE IT RESOLVED that the County Board approve this recommendation.

BE IT FURTHER RESOLVED that the County Clerk notify the County Board Chairman, Chairman of the Transportation Committee, and County Engineer of this action as well as submit four certified signed originals of the approved resolution to the Illinois Department of Transportation as notification of this action.

ADOPTED this 25th day of June, 2025

ATTEST:

County Clerk

County Board Chairman



Using Federal Funds? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Agreement For MFT PE	Agreement Type Original
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LOCAL PUBLIC AGENCY

Local Public Agency Tazewell County Highway Department	County Tazewell	Section Number 23-19129-00-BR	Job Number
Project Number 	Contact Name Dan Parr, P.E.	Phone Number (309) 925-5532	Email dparr@tazewell-il.gov

SECTION PROVISIONS

Local Street/Road Name School Street	Key Route 	Length 600 Ft	Structure Number 090-5027
Location Termini Section 29, Township 26 N, Range 3 W, 3rd P.M. 200 Ft. south of Old Mink Farm Road			Add Location Remove Location

Project Description
Preliminary Engineering Phase 1 & 2 for the removal and replacement of the existing structure carrying School Street over Farm Creek and necessary roadway approach work to match the new structure.

Engineering Funding	<input checked="" type="checkbox"/> MFT/TBP <input type="checkbox"/> State <input checked="" type="checkbox"/> Other	Local
Anticipated Construction Funding	<input type="checkbox"/> Federal <input checked="" type="checkbox"/> MFT/TBP <input type="checkbox"/> State <input checked="" type="checkbox"/> Other	Local

AGREEMENT FOR

☒ Phase I - Preliminary Engineering ☒ Phase II - Design Engineering

CONSULTANT

Prime Consultant (Firm) Name Crawford, Murphy & Tilly, Inc.	Contact Name Chris Whitfield	Phone Number (309) 680-1310	Email cwhitfield@cmtengr.com
Address 203 Harrison Street	City Peoria	State IL	Zip Code 61602

THIS AGREEMENT IS MADE between the above Local Public Agency (LPA) and Consultant (ENGINEER) and covers certain professional engineering services in connection with the improvement of the above SECTION. Project funding allotted to the LPA by the State of Illinois under the general supervision of the State Department of Transportation, hereinafter called the "DEPARTMENT," will be used entirely or in part to finance ENGINEERING services as described under AGREEMENT PROVISIONS.

Since the services contemplated under the AGREEMENT are professional in nature, it is understood that the ENGINEER, acting as an individual, partnership, firm or legal entity, qualifies for professional status and will be governed by professional ethics in its relationship to the LPA and the DEPARTMENT. The LPA acknowledges the professional and ethical status of the ENGINEER by entering into an AGREEMENT on the basis of its qualifications and experience and determining its compensation by mutually satisfactory negotiations.

WHEREVER IN THIS AGREEMENT or attached exhibits the following terms are used, they shall be interpreted to mean:

Regional Engineer	Deputy Director, Office of Highways Project Implementation, Regional Engineer, Department of Transportation
Resident Construction Supervisor	Authorized representative of the LPA in immediate charge of the engineering details of the construction PROJECT
In Responsible Charge Contractor	A full time LPA employee authorized to administer inherently governmental PROJECT activities Company or Companies to which the construction contract was awarded

AGREEMENT EXHIBITS

The following EXHIBITS are attached hereto and made a part of hereof this AGREEMENT:

- ☒ EXHIBIT A: Scope of Services
- ☒ EXHIBIT B: Project Schedule
- ☒ EXHIBIT C: Qualification Based Selection (QBS) Checklist
- ☒ EXHIBIT D: Cost Estimate of Consultant Services (BLR 05513 or BLR 05514)
- ☐ EXHIBIT ____ : Direct Costs Check Sheet (attach BDE 436 when using Lump Sum on Specific Rate Compensation)
- ☐ _____
- ☐ _____
- ☐ _____

I. THE ENGINEER AGREES,

1. To perform or be responsible for the performance of the Scope of Services presented in EXHIBIT A for the LPA in connection with the proposed improvements herein before described.
2. The Classifications of the employees used in the work shall be consistent with the employee classifications and estimated staff hours. If higher-salaried personnel of the firm, including the Principal Engineer, perform services that are to be performed by lesser-salaried personnel, the wage rate billed for such services shall be commensurate with the payroll rate for the work performed.
3. That the ENGINEER shall be responsible for the accuracy of the work and shall promptly make necessary revisions or corrections required as a result of the ENGINEER'S error, omissions or negligent acts without additional compensation. Acceptance of work by the LPA or DEPARTMENT will not relieve the ENGINEER of the responsibility to make subsequent correction of any such errors or omissions or the responsibility for clarifying ambiguities.
4. That the ENGINEER will comply with applicable Federal laws and regulations, State of Illinois Statutes, and the local laws or ordinances of the LPA.
5. To pay its subconsultants for satisfactory performance no later than 30 days from receipt of each payment from the LPA.
6. To invoice the LPA, The ENGINEER shall submit all invoices to the LPA within three months of the completion of the work called for in the AGREEMENT or any subsequent Amendment or Supplement.
7. The ENGINEER or subconsultant shall not discriminate on the basis of race, color, national origin or sex in the performance of this AGREEMENT. The ENGINEER shall carry out applicable requirements of 49 CFR part 26 in the administration of US Department of Transportation (US DOT) assisted contract. Failure by the Engineer to carry out these requirements is a material breach of this AGREEMENT, which may result in the termination of this AGREEMENT or such other remedy as the LPA deems appropriate.
8. That none of the services to be furnished by the ENGINEER shall be sublet, assigned or transferred to any other party or parties without written consent of the LPA. The consent to sublet, assign or otherwise transfer any portion of the services to be furnished by the ENGINEER shall be construed to relieve the ENGINEER of any responsibility for the fulfillment of this AGREEMENT.
9. For Preliminary Engineering Contracts:
 - (a) To attend meetings and visit the site of the proposed improvement when requested to do so by representatives of the LPA or the DEPARTMENT, as defined in Exhibit A (Scope of Services).
 - (b) That all plans and other documents furnished by the ENGINEER pursuant to the AGREEMENT will be endorsed by the ENGINEER and affixed the ENGINEER's professional seal when such seal is required by law. Such endorsements must be made by a person, duly licensed or registered in the appropriate category by the Department of Professional Regulation of the State of Illinois. It will be the ENGINEER's responsibility to affix the proper seal as required by the Bureau of Local Roads and Streets manual published by the DEPARTMENT.
 - (c) That the ENGINEER is qualified technically and is thoroughly conversant with the design standards and policies applicable for the PROJECT; and that the ENGINEER has sufficient properly trained, organized and experienced personnel to perform the services enumerated in Exhibit A (Scope of Services).
10. That the engineering services shall include all equipment, instruments, supplies, transportation and personnel required to perform the duties of the ENGINEER in connection with this AGREEMENT (See DIRECT COST tab in BLR 05513 or BLR 05514).

II. THE LPA AGREES,

1. To certify by execution of this AGREEMENT that the selection of the ENGINEER was performed in accordance with the Professional Services Selection Act (50 ILCS 510) (Exhibit C).
2. To furnish the ENGINEER all presently available survey data, plans, specifications, and project information.
3. To pay the ENGINEER:
 - (a) For progressive payments - Upon receipt of monthly invoices from the ENGINEER and the approval thereof by the LPA, monthly payments for the work performed shall be due and payable to the ENGINEER, such payments to be equal to the value of the partially completed work minus all previous partial payments made to the ENGINEER.
 - (b) Final payment - Upon approval of the work by the LPA but not later than 60 days after the work is completed and reports have been made and accepted by the LPA and DEPARTMENT a sum of money equal to the basic fee as determined in this AGREEMENT less the total of the amount of partial payments previously paid to the ENGINEER

shall be due and payable to the ENGINEER.

(c) For Non-Federal County Projects - (605 ILCS 5/5-409)

- (1) For progressive payments - Upon receipt of monthly invoices from the ENGINEER and the approval thereof by the LPA, monthly payments for the work performed shall be due and payable to the ENGINEER. Such payments to be equal to the value of the partially completed work in all previous partial payments made to the ENGINEER.
- (2) Final payment - Upon approval of the work by the LPA but not later than 60 days after the work is completed and reports have been made and accepted by the LPA and STATE, a sum of money equal to the basic fee as determined in the AGREEMENT less the total of the amount of partial payments previously paid to the ENGINEER shall be due and payable to the ENGINEER.

4. To pay the ENGINEER as compensation for all services rendered in accordance with the AGREEMENT on the basis of the following compensation method as discussed in 5-5.10 of the BLR Manual.

Method of Compensation:

☐ Percent

☐ Lump Sum

☐ Specific Rate

☒ Cost plus Fixed Fee: Fixed

Total Compensation = DL + DC + OH + FF

Where:

DL is the total Direct Labor,

DC is the total Direct Cost,

OH is the firm's overhead rate applied to their DL and

FF is the Fixed Fee.

Where $FF = (0.33 + R) DL + \%SubDL$, where R is the advertised Complexity Factor and %SubDL is 10% profit allowed on the direct labor of the subconsultants.

The Fixed Fee cannot exceed 15% of the DL + OH.

5. The recipient shall not discriminate on the basis of race, color, national origin or sex in the award and performance of any US DOT-assisted contract or in the administration of its DBE program or the requirements of 49 CFR part 26. The recipient shall take all necessary and reasonable steps under 49 CFR part 26 to ensure nondiscrimination in the award and administration of US DOT-assisted contracts. The recipient's DBE program, as required by 49 CFR part 26 and as approved by US DOT, is incorporated by reference in this agreement. Implementation of this program is a legal obligation and failure to carry out its terms shall be treated as violation of this AGREEMENT. Upon notification to the recipient of its failure to carry out its approved program, the Department may impose sanctions as provided for under part 26 and may, in appropriate cases, refer the matter for enforcement under 18 U.S.C. 1001 and/or the Program Fraud Civil Remedies Act of 1986 (31 U.S.C 3801 et seq.).

III. IT IS MUTUALLY AGREED,

1. To maintain, for a minimum of 3 years after the completion of the contract, adequate books, records and supporting documents to verify the amount, recipients and uses of all disbursements of funds passing in conjunction with the contract; the contract and all books, records and supporting documents related to the contract shall be available for review and audit by the Auditor General, and the DEPARTMENT; the Federal Highways Administration (FHWA) or any authorized representative of the federal government, and to provide full access to all relevant materials. Failure to maintain the books, records and supporting documents required by this section shall establish a presumption in favor of the DEPARTMENT for the recovery of any funds paid by the DEPARTMENT under the contract for which adequate books, records and supporting documentation are not available to support their purported disbursement.
2. That the ENGINEER shall be responsible for any all damages to property or persons out of an error, omission and/or negligent act in the prosecution of the ENGINEER's work and shall indemnify and save harmless the LPA, the DEPARTMENT, and their officers, agents and employees from all suits, claims, actions or damages liabilities, costs or damages of any nature whatsoever resulting there from. These indemnities shall not be limited by the listing of any insurance policy.

The LPA will notify the ENGINEER of any error or omission believed by the LPA to be caused by the negligence of the ENGINEER as soon as practicable after the discovery. The LPA reserves the right to take immediate action to remedy any error or omission if notification is not successful; if the ENGINEER fails to reply to a notification; or if the conditions created by the error or omission are in need of urgent correction to avoid accumulation of additional construction costs or damages to property and reasonable notice is not practicable.
3. This AGREEMENT may be terminated by the LPA upon giving notice in writing to the ENGINEER at the ENGINEER's last known post office address. Upon such termination, the ENGINEER shall cause to be delivered to the LPA all drawings, plats, surveys, reports, permits, agreements, soils and foundation analysis, provisions, specifications, partial and completed estimates and data, if any from soil survey and subsurface investigation with the understanding that all such materials becomes the property of the LPA. The LPA will be responsible for reimbursement of all eligible expenses incurred under the terms of this AGREEMENT up to the date of the written notice of termination.

4. In the event that the DEPARTMENT stops payment to the LPA, the LPA may suspend work on the project. If this agreement is suspended by the LPA for more than thirty (30) calendar days, consecutive or in aggregate, over the term of this AGREEMENT, the ENGINEER shall be compensated for all services performed and reimbursable expenses incurred prior to receipt of notice of suspension. In addition, upon the resumption of services the LPA shall compensate the ENGINEER, for expenses incurred as a result of the suspension and resumption of its services, and the ENGINEER's schedule and fees for the remainder of the project shall be equitably adjusted.
5. This AGREEMENT shall continue as an open contract and the obligations created herein shall remain in full force and effect until the completion of construction of any phase of professional services performed by others based upon the service provided herein. All obligations of the ENGINEER accepted under this AGREEMENT shall cease if construction or subsequent professional services are not commenced within 5 years after final payment by the LPA.
6. That the ENGINEER shall be responsible for any and all damages to property or persons arising out of an error, omission and/or negligent act in the prosecution of the ENGINEER's work and shall indemnify and have harmless the LPA, the DEPARTMENT, and their officers, employees from all suits, claims, actions or damages liabilities, costs or damages of any nature whatsoever resulting there from. These indemnities shall not be limited by the listing of any insurance policy.
7. The ENGINEER and LPA certify that their respective firm or agency:
 - (a) has not employed or retained for commission, percentage, brokerage, contingent fee or other considerations, any firm or person (other than a bona fide employee working solely for the LPA or the ENGINEER) to solicit or secure this AGREEMENT,
 - (b) has not agreed, as an express or implied condition for obtaining this AGREEMENT, to employ or retain the services of any firm or person in connection with carrying out the AGREEMENT or
 - (c) has not paid, or agreed to pay any firm, organization or person (other than a bona fide employee working solely for the LPA or the ENGINEER) any fee, contribution, donation or consideration of any kind for, or in connection with, procuring or carrying out the AGREEMENT.
 - (d) that neither the ENGINEER nor the LPA is/are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any Federal department or agency,
 - (e) has not within a three-year period preceding the AGREEMENT been convicted of or had a civil judgment rendered against them for commission of fraud or criminal offense in connection with obtaining, attempting to obtain or performing a public (Federal, State or local) transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements or receiving stolen property.
 - (f) are not presently indicated for or otherwise criminally or civilly charged by a government entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph and
 - (g) has not within a three-year period preceding this AGREEMENT had one or more public transaction (Federal, State, local) terminated for cause or default.

Where the ENGINEER or LPA is unable to certify to any of the above statements in this clarification, an explanation shall be attached to this AGREEMENT.

8. In the event of delays due to unforeseeable causes beyond the control of and without fault or negligence of the ENGINEER no claim for damages shall be made by either party. Termination of the AGREEMENT or adjustment of the fee for the remaining services may be requested by either party if the overall delay from the unforeseen causes prevents completion of the work within six months after the specified completion date. Examples of unforeseen causes included but are not limited to: acts of God or a public enemy; acts of the LPA, DEPARTMENT, or other approving party not resulting from the ENGINEER's unacceptable services; fire; strikes; and floods.

If delays occur due to any cause preventing compliance with the PROJECT SCHEDULE, the ENGINEER shall apply in writing to the LPA for an extension of time. If approved, the PROJECT SCHEDULE shall be revised accordingly.

9. This certification is required by the Drug Free Workplace Act (30 ILCS 580). The Drug Free Workplace Act requires that no grantee or contractor shall receive a grant or be considered for the purpose of being awarded a contract for the procurement of any property or service from the DEPARTMENT unless that grantee or contractor will provide a drug free workplace. False certification or violation of the certification may result in sanctions including, but not limited to suspension of contract on grant payments, termination of a contract or grant and debarment of the contracting or grant opportunities with the DEPARTMENT for at least one (1) year but not more than (5) years.

For the purpose of this certification, "grantee" or "Contractor" means a corporation, partnership or an entity with twenty-five (25) or more employees at the time of issuing the grant or a department, division or other unit thereof, directly responsible for the specific performance under contract or grant of \$5,000 or more from the DEPARTMENT, as defined the Act.

The contractor/grantee certifies and agrees that it will provide a drug free workplace by:

- (a) Publishing a statement:
 - (1) Notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance, including cannabis, is prohibited in the grantee's or contractor's workplace.
 - (2) Specifying actions that will be taken against employees for violations of such prohibition.
 - (3) Notifying the employee that, as a condition of employment on such contract or grant, the employee will:
 - (a) abide by the terms of the statement; and
 - (b) notify the employer of any criminal drug statute conviction for a violation occurring in the workplace no later than (5) days after such conviction.
- (b) Establishing a drug free awareness program to inform employees about:
 - (1) The dangers of drug abuse in the workplace;

- (2) The grantee's or contractor's policy to maintain a drug free workplace;
- (3) Any available drug counseling, rehabilitation and employee assistance program; and
- (4) The penalties that may be imposed upon an employee for drug violations.
- (c) Providing a copy of the statement required by subparagraph (a) to each employee engaged in the performance of the contract or grant and to post the statement in a prominent place in the workplace.
- (d) Notifying the contracting, or granting agency within ten (10) days after receiving notice under part (b) of paragraph (3) of subsection (a) above from an employee or otherwise, receiving actual notice of such conviction.
- (e) Imposing a sanction on, or requiring the satisfactory participation in a drug abuse assistance or rehabilitation program.
- (f) Assisting employees in selecting a course of action in the event drug counseling, treatment and rehabilitation is required and indicating that a trained referral team is in place.

Making a good faith effort to continue to maintain a drug free workplace through implementation of the Drug Free Workplace Act, the ENGINEER, LPA and the Department agree to meet the PROJECT SCHEDULE outlined in EXHIBIT B. Time is of the essence on this project and the ENGINEER's ability to meet the PROJECT SCHEDULE will be a factor in the LPA selecting the ENGINEER for future projects. The ENGINEER will submit progress reports with each invoice showing work that was completed during the last reporting period and work they expect to accomplish during the following period.

- 10. Due to the physical location of the project, certain work classifications may be subject to the Prevailing Wage Act (820 ILCS 130/0.01 et seq.).
- 11. For Preliminary Engineering Contracts:
 - (a) That tracing, plans, specifications, estimates, maps and other documents prepared by the ENGINEER in accordance with this AGREEMENT shall be delivered to and become the property of the LPA and that basic survey notes, sketches, charts, CADD files, related electronic files, and other data prepared or obtained in accordance with this AGREEMENT shall be made available, upon request to the LPA or to the DEPARTMENT, without restriction or limitation as to their use. Any re-use of these documents without the ENGINEER involvement shall be at the LPA's sole risk and will not impose liability upon the ENGINEER.
 - (b) That all reports, plans, estimates and special provisions furnished by the ENGINEER shall conform to the current Standard Specifications for Road and Bridge Construction, Bureau of Local Roads and Streets Manual or any other applicable requirements of the DEPARTMENT, it being understood that all such furnished documents shall be approved by the LPA and the DEPARTMENT before final acceptance. During the performance of the engineering services herein provided for, the ENGINEER shall be responsible for any loss or damage to the documents herein enumerated while they are in the ENGINEER's possession and any such loss or damage shall be restored at the ENGINEER's expense.

AGREEMENT SUMMARY

Prime Consultant (Firm) Name	TIN/FEIN/SS Number	Agreement Amount
Crawford, Murphy & Tilly, Inc.	37-0844662	\$168,541.00
Subconsultants	TIN/FEIN/SS Number	Agreement Amount
Midwest Engineering and Testing, Inc		\$15,500.00
Subconsultant Total		\$15,500.00
Prime Consultant Total		\$168,541.00
Total for all work		\$184,041.00

AGREEMENT SIGNATURES

Executed by the LPA:

Attest: The

Local Public Agency Type
County

 of

Local Public Agency
Tazewell County Highway Department

By (Signature & Date)

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By (Signature & Date)

--

Local Public Agency
Tazewell County Highway

Local Public Agency Type
County

 Clerk

Title

(SEAL)

Executed by the ENGINEER:

Attest:

Prime Consultant (Firm) Name
Crawford, Murphy & Tilly, Inc.

By (Signature & Date)

Chris Whitfield Digitally signed by Chris Whitfield Date: 2025.06.19 11:44:47 -05'00'

Title
Project Manager

By (Signature & Date)

Eric Hansen Digitally signed by Eric Hansen Date: 2025.06.20 12:11:03 -05'00'
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Title
Vice President

APPROVED:

Regional Engineer, Department of Transportation (Signature & Date)

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EXHIBIT A

SCOPE OF SERVICES

Phase I & II Engineering Services for the
Replacement of Structure Number 090-5027
School Street over Farm Creek

Tazewell County, Washington Township
Section No. 23-19129-00-BR

June 2025

Local Public Agency: Tazewell County
IDOT District 4

SCOPE OF WORK

School Street Structure Replacement

The following provides basic information about the proposed improvements and assumptions that have been necessary to define the limits of the project and a fee estimate to provide the necessary services identified in this AGREEMENT.

Project Limits

Design and Environment studies (Phase I) and Plan Development (Phase II) of Structure Number 090-5027 and approaching School Street under Section 23-19129-00-BR.

Project Description

- Remove and replace existing reinforced concrete box culvert, SN 090-5027 with a single span bridge with spill through abutments. Bridge will not be widened to accommodate pedestrians.
- The proposed approach roadway cross section shall include a 2-lane reconstructed HMA pavement section with aggregate shoulders.
- Maintenance of Traffic/Staging: School Street will be closed to traffic during structure and roadway reconstruction. Property access shall be maintained.

Project Funding

LA has been granted bridge funds through the Township Bridge Program. This funding provides the County with a maximum of 80% of the construction and other professional fees required to study and design the structure replacement construction project. LA will fund the remaining 20% construction and construction engineering cost with local funds.

This AGREEMENT for engineering services has been made based on the understanding that the construction costs of all proposed improvement will be approximately \$1,000,000.

Design Criteria

The highest Average Annual Daily Traffic volume on existing School Street over Farm Creek is 1,800 vehicles per day in year 2023.

The functional classification of the route is Major Collector.

IDOT's Bureau of Local Roads Manual provides design criteria for the roadway based on the traffic volume and functional classification.

AASHTO LRFD Bridge Design Specifications, 10th edition.

Property Impacts

- Public Street Intersections: Old Mink Farm Road, Park Lane
- Private Entrances: 2 locations
- Adjacent Properties: 5 properties
- Proposed improvements are not anticipated to impact the railroad right of way.

SCOPE OF WORK

School Street Structure Replacement

DOCUMENTS TO BE PREPARED OR REVIEWED BY CMT:

- Phase I – Project Development
 - Hydraulic and Topographic Surveys
 - Geotechnical Subsurface Investigations
 - Asbestos Determination Certification
 - Environmental Survey Request with Attachments
 - Preliminary Bridge Design & Hydraulic Report (BLR 10210)
 - Scour Critical Coding Report
 - USACE Permit and IDNR Permit Coordination
- Phase II – Plan Development
 - Pavement Design
 - Pre-Final Plans
 - Final Plans
 - AASHTOWare Load Rating for Proposed Bridge
 - Special Provisions and Check Sheets
 - Estimate of Cost
 - Estimate of Time
 - Land Acquisition Documentation
 - Structural Shop Drawing Review

TASK ITEM SUMMARY:

1. Project Management & Coordination
 - a. Monthly progress reports
 - b. Utility company coordination to address conflicts
 - c. Agency Coordination
 - i. IDOT District 4 Local Roads
 - ii. IDOT Bridge Office
 - iii. Environmental - IDNR, IL EPA
 - iv. Washington Road District, Tazewell County
2. Data Collection
 - a. Record roadway and structure plan information
 - b. Structure inspection reports
 - c. Right-of-way data
 - d. Tax and topographic maps
 - e. Courthouse data and title commitments
 - f. Utility data
 - g. Historic hydraulic data
 - h. Prepare Environmental Survey Request
3. Field Surveys
 - a. Review and establish horizontal control points
 - b. Review and establish vertical control benchmarks
 - c. Topographic surveys and roadway cross sections
 - d. Hydraulic surveys and creek cross sections
 - e. In office digital terrain model development

4. Preliminary Bridge Design and Hydraulic Report
 - a. Hydrology and determine flow rates
 - b. Create existing HEC-RAS creek model
 - c. Create proposed HEC-RAS creek model
 - d. Structural analysis of proposed alternatives
 - e. Type, Size and Location plan sheet
 - f. Scour analysis and Scour Critical Coding Report
 - g. Prepare report with applicable exhibits
 - h. IDNR Permit conclusion
5. Right-of-Way Documents
 - a. Right-of-way plats
 - b. Easement plats
 - c. Legal descriptions
6. Geotechnical Studies
 - a. Coordinate soil borings with subconsultant
 - b. Asbestos Determination Certification
 - c. Review soils report and recommendations
7. Pre-Final Plans, Specifications and Estimates
 - a. Construction Plans
 - i. Cover Sheet
 - ii. Summary of Quantities
 - iii. Typical Sections
 - iv. Quantity Schedules
 - v. Removal Plans
 - vi. Detour Plan
 - vii. Alignment, Ties & Benchmarks
 - viii. Plan and Profile sheets
 - ix. Stormwater Pollution Prevention Plans (SWPPP)
 - x. Intersection Grading Plan
 - xi. Pavement Marking & Signing Plans
 - xii. Structural Plans
 - xiii. Details
 - xiv. Cross Sections
 - b. Quantities
 - c. Special Provisions and Check Sheets
 - d. Estimate of Probable Construction Cost
 - e. Estimate of Probable Construction Time
 - f. CMT Quality Assurance reviews
8. Final Plans, Specifications and Estimates
 - a. Revisions per County and IDOT reviews
 - b. AASHTOWare Load Rating for Proposed Bridge
 - c. Final quantities and checking
 - d. Final Estimates of Probable Construction Cost and Time
9. Land Acquisition Services (2 properties anticipated)
 - a. Preparations of documents
 - b. Negotiations
 - c. Certification Documents in accordance with IDOT procedures
 - d. Plats and Legal Descriptions

10. Structural Shop Drawing Review
 - a. Bridge submittals
 - b. Construction RFI's

Local Public Agency	Prime Consultant (Firm) Name	County	Section Number
Tazewell County Highway Department	Crawford, Murphy & Tilly, Inc.	Tazewell	23-19129-00-BR

**EXHIBIT B
PROJECT SCHEDULE**

Tazewell County is requesting the following schedule:
Preliminary Bridge Design and Hydraulic Report submitted by April 2026
Pre-Final Plans, Specifications and Estimates submitted by September 2026
Final Plans, Specifications and Estimates submitted by November 2026
Right-of-Way documents certified by District 4 mid. November 2026
Letting date in January 2027
Construction able to start March 2027.

Local Public Agency	Prime Consultant (Firm) Name	County	Section Number
Tazewell County Highway Department	Crawford, Murphy & Tilly, Inc.	Tazewell	23-19129-00-BR

Exhibit C
Qualification Based Selection (QBS) Checklist

The LPA must complete Exhibit D. If the value meets or will exceed the threshold in 50 ILCS 510, QBS requirements must be followed. Under the threshold, QBS requirements do not apply. The threshold is adjusted annually. If the value is under the threshold with federal funds being used, federal small purchase guidelines must be followed.

☐ Form Not Applicable (engineering services less than the threshold)

Items 1-13 are required when using federal funds and QBS process is applicable. Items 14-16 are required when using State funds and the QBS process is applicable.

		No	Yes
1	Do the written QBS policies and procedures discuss the initial administration (procurement, management and administration) concerning engineering and design related consultant services?	<input type="checkbox"/>	<input type="checkbox"/>
2	Do the written QBS policies and procedures follow the requirements as outlined in Section 5-5 and specifically Section 5-5.06 (e) of the BLRS Manual?	<input type="checkbox"/>	<input type="checkbox"/>
3	Was the scope of services for this project clearly defined?	<input type="checkbox"/>	<input type="checkbox"/>
4	Was public notice given for this project?	<input type="checkbox"/>	<input type="checkbox"/>
5	Do the written QBS policies and procedures cover conflicts of interest?	<input type="checkbox"/>	<input type="checkbox"/>
6	Do the written QBS policies and procedures use covered methods of verification for suspension and debarment?	<input type="checkbox"/>	<input type="checkbox"/>
7	Do the written QBS policies and procedures discuss the methods of evaluation?	<input type="checkbox"/>	<input type="checkbox"/>
Project Criteria		Weighting	
8	Do the written QBS policies and procedures discuss the method of selection?	<input type="checkbox"/>	<input type="checkbox"/>
Selection committee (titles) for this project			
Top three consultants ranked for this project in order			
1			
2			
3			
9	Was an estimated cost of engineering for this project developed in-house prior to contract negotiation?	<input type="checkbox"/>	<input type="checkbox"/>
10	Were negotiations for this project performed in accordance with federal requirements.	<input type="checkbox"/>	<input type="checkbox"/>
11	Were acceptable costs for this project verified?	<input type="checkbox"/>	<input type="checkbox"/>
12	Do the written QBS policies and procedures cover review and approving for payment, before forwarding the request for reimbursement to IDOT for further review and approval?	<input type="checkbox"/>	<input type="checkbox"/>
13	Do the written QBS policies and procedures cover ongoing and finalizing administration of the project (monitoring, evaluation, closing-out a contract, records retention, responsibility, remedies to violations or breaches to a contract, and resolution of disputes)?	<input type="checkbox"/>	<input type="checkbox"/>
14	QBS according to State requirements used?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
15	Existing relationship used in lieu of QBS process?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16	LPA is a home rule community (Exempt from QBS).	<input checked="" type="checkbox"/>	<input type="checkbox"/>

EXHIBIT D

COST ESTIMATE OF CONSULTING SERVICES

Phase I & II Engineering Services for the
Replacement of Structure Number 090-5027
School Street over Farm Creek

Tazewell County, Washington Township
Section No. 23-19129-00-BR

June 2025

Local Public Agency: Tazewell County

IDOT District 4



EXHIBIT D
COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET
ANNIVERSARY RAISE

Local Public Agency Tazewell County Highway Department	County Tazewell	Section Number 23-19129-00-BR
Prime Consultant (Firm) Name Crawford, Murphy & Tilly, Inc.	Prepared By Chris Whitfield	Date 6/10/2025
Consultant / Subconsultant Name Crawford, Murphy & Tilly, Inc.	Job Number 	

Note: This is name of the consultant the CECS is being completed for. This name appears at the top of each tab.

Remarks

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PAYROLL ESCALATION TABLE

CONTRACT TERM	32	MONTHS	OVERHEAD RATE	168.07%
START DATE	7/1/2025		COMPLEXITY FACTOR	0
RAISE DATE	ANNIVERSARY		% OF RAISE	3.00%

ESCALATION PER YEAR

DETERMINE THE MID POINT OF THE AGREEMENT

16

CALCULATE THE ESCALATION FACTOR TO THE MIDPOINT OF THE CONTRACT

4.00%

The total escalation for this project would be:

4.00%

Local Public Agency	County	Section Number
Tazewell County Highway Department	Tazewell	23-19129-00-BR
Consultant / Subconsultant Name		Job Number
Crawford, Murphy & Tilly, Inc.		

PAYROLL RATES

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET ANNIVERSARY RAISE

MAXIMUM PAYROLL RATE	90.00
ESCALATION FACTOR	4.00%

CLASSIFICATION	IDOT PAYROLL RATES ON FILE	CALCULATED RATE
10. Principal	\$80.71	\$83.94
60. Project Manager	\$65.22	\$67.83
110. Civil Engineer	\$37.96	\$39.48
120. Project Civil Engineer	\$46.23	\$48.08
130. Senior Civil Engineer	\$55.61	\$57.83
140. Senior Civil Engineer 2	\$70.24	\$73.05
210. Structural Engineer	\$39.45	\$41.03
220. Project Structural Engineer	\$46.29	\$48.14
230. Senior Structural Engineer	\$61.50	\$63.96
240. Senior Structural Engineer 2	\$74.48	\$77.45
310. Specialty Engineer	\$37.07	\$38.55
320. Project Specialty Engineer	\$53.46	\$55.60
340. Senior Specialty Engineer 2	\$75.43	\$78.45
410. Specialty Professional	\$38.04	\$39.56
420. Project Specialty Professional	\$42.49	\$44.19
430. Senior Specialty Professional	\$48.85	\$50.80
440. Senior Specialty Professional 2	\$69.20	\$71.97
510. Planner	\$36.45	\$37.91
520. Project Planner	\$45.72	\$47.55
530. Senior Planner	\$58.09	\$60.41
540. Senior Planner 2	\$68.21	\$70.94
900. Admin	\$29.98	\$31.18
1110. Technican	\$31.75	\$33.02
1120. Project Technican	\$38.94	\$40.50
1130. Senior Technican	\$50.48	\$52.50

Local Public Agency	County	Section Number
Tazewell County Highway Department	Tazewell	23-19129-00-BR
Consultant / Subconsultant Name		Job Number
Crawford, Murphy & Tilly, Inc.		

SUBCONSULTANTS

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET ANNIVERSARY RAISE

[illegible]

NOTE: Only subconsultants who fill out a cost estimate that splits out direct labor may be listed on this sheet.

Local Public Agency
Tazewell County Highway Department
Consultant / Subconsultant Name
Crawford, Murphy & Tilly, Inc.

County
Tazewell

Section Number
23-19129-00-BR
Job Number

DIRECT COSTS WORKSHEET

List ALL direct costs required for this project. Those not listed on the form will not be eligible for reimbursement by the LPA on this project.
EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET ANNIVERSARY RAISE

ITEM	ALLOWABLE	QUANTITY	CONTRACT RATE	TOTAL
Lodging (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual Cost (Up to state rate maximum)			\$0.00
Lodging Taxes and Fees (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual Cost			\$0.00
Air Fare	Coach rate, actual cost, requires minimum two weeks' notice, with prior IDOT approval			\$0.00
Vehicle Mileage (per GOVERNOR'S TRAVEL CONTROL BOARD)	Up to state rate maximum	540	\$0.70	\$378.00
Vehicle Owned or Leased	\$32.50/half day (4 hours or less) or \$65/full day	3	\$65.00	\$195.00
Vehicle Rental	Actual Cost (Up to \$55/day)			\$0.00
Tolls	Actual Cost			\$0.00
Parking	Actual Cost			\$0.00
Overtime	Premium portion (Submit supporting documentation)	40	\$74.48	\$2,979.20
Shift Differential	Actual Cost (Based on firm's policy)			\$0.00
Overnight Delivery/Postage/Courier Service	Actual Cost (Submit supporting documentation)			\$0.00
Copies of Deliverables/Mylars (In-house)	Actual Cost (Submit supporting documentation)			\$0.00
Copies of Deliverables/Mylars (Outside)	Actual Cost (Submit supporting documentation)			\$0.00
Project Specific Insurance	Actual Cost			\$0.00
Monuments (Permanent)	Actual Cost			\$0.00
Photo Processing	Actual Cost			\$0.00
2-Way Radio (Survey or Phase III Only)	Actual Cost			\$0.00
Telephone Usage (Traffic System Monitoring Only)	Actual Cost			\$0.00
CADD	Actual Cost (Max \$15/hour)			\$0.00
Web Site	Actual Cost (Submit supporting documentation)			\$0.00
Advertisements	Actual Cost (Submit supporting documentation)			\$0.00
Public Meeting Facility Rental	Actual Cost (Submit supporting documentation)			\$0.00
Public Meeting Exhibits/Renderings & Equipment	Actual Cost (Submit supporting documentation)			\$0.00
Recording Fees	Actual Cost			\$0.00
Transcriptions (specific to project)	Actual Cost			\$0.00
Courthouse Fees	Actual Cost			\$0.00
Storm Sewer Cleaning and Televising	Actual Cost (Requires 2-3 quotes with IDOT approval)			\$0.00
Traffic Control and Protection	Actual Cost (Requires 2-3 quotes with IDOT approval)			\$0.00
Aerial Photography and Mapping	Actual Cost (Requires 2-3 quotes with IDOT approval)			\$0.00
Utility Exploratory Trenching	Actual Cost (Requires 2-3 quotes with IDOT approval)			\$0.00
Testing of Soil Samples	Actual Cost			\$0.00
Lab Services	Actual Cost (Provide breakdown of each cost)			\$0.00
Equipment and/or Specialized Equipment Rental	Actual Cost (Requires 2-3 quotes with IDOT approval)			\$0.00
TOTAL DIRECT COSTS:				\$3,552.20

Local Public Agency

Tazewell County Highway Department

County

Tazewell

Section Number

23-19129-00-BR

Consultant / Subconsultant Name

Crawford, Murphy & Tilly, Inc.

Job Number**COST ESTIMATE WORKSHEET**

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET ANNIVERSARY RAISE

OVERHEAD RATE 168.07%**COMPLEXITY FACTOR** 0.00%

TASK	DIRECT COSTS	STAFF HOURS	PAYROLL	OVERHEAD & FRINGE BENEFITS	FIXED FEE	SERVICES BY OTHERS	TOTAL	% OF GRAND TOTAL
Project Management & Coordination		60	3,433	5,769	1,133		10,335	5.62%
Data Collection		72	3,181	5,346	1,050		9,577	5.20%
Field Surveys		60	3,096	5,203	1,022		9,321	5.06%
Prelim. Bridge Design & Hyd. Report		124	6,151	10,339	2,030		18,520	10.06%
ROW Documents		46	2,178	3,660	719	1,000	7,557	4.11%
Geotechnical Studies		10	467	785	154	15,500	16,906	9.19%
Pre-Final Plans, Specs. & Estimates		565	26,133	43,921	8,624		78,678	42.75%
Final Plans, Specs. & Estimates		112	5,468	9,190	1,804		16,462	8.94%
Land Acquisition Services		44	2,742	4,609	905		8,256	4.49%
Structural Shop Drawing Review		22	1,105	1,857	365		3,327	1.81%
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Subconsultant DL							\$1,550.00	0.84%
Direct Costs Total ==>	\$0.00						\$3,552.20	1.93%
TOTALS		1115	53,954	90,679	17,806	16,500	184,041	100.00%

144,633

Local Public Agency

Tazewell County Highway Department

Consultant / Subconsultant Name

Crawford, Murphy & Tilly, Inc.

County

Tazewell

Section Number

23-19129-00-BR

Job Number

AVERAGE HOURLY PROJECT RATES

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET ANNIVERSARY RAISE

SHEET 1 OF 2

PAYROLL CLASSIFICATION	AVG HOURLY RATES	TOTAL PROJ. RATES			Project Management & Coordination			Data Collection			Field Surveys			Prelim. Bridge Design & Hyd. Report			ROW Documents		
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg
10. Principal	83.94	0.0																	
60. Project Manager	67.83	92.0	8.25%	5.60	32	53.33%	36.18							4	3.23%	2.19			
110. Civil Engineer	39.48	8.0	0.72%	0.28															
120. Project Civil Engineer	48.08	286.0	25.65%	12.33	8	13.33%	6.41	20	27.78%	13.36				8	6.45%	3.10			
130. Senior Civil Engineer	57.83	0.0																	
140. Senior Civil Engineer 2	73.05	0.0																	
210. Structural Engineer	41.03	262.0	23.50%	9.64	12	20.00%	8.21	4	5.56%	2.28				48	38.71%	15.88			
220. Project Structural Engineer	48.14	132.0	11.84%	5.70	8	13.33%	6.42	2	2.78%	1.34				24	19.35%	9.32			
230. Senior Structural Engineer	63.96	40.0	3.59%	2.29										32	25.81%	16.51			
240. Senior Structural Engineer 2	77.45	0.0																	
310. Specialty Engineer	38.55	0.0																	
320. Project Specialty Engineer	55.60	0.0																	
340. Senior Specialty Engineer 2	78.45	0.0																	
410. Specialty Professional	39.56	0.0																	
420. Project Specialty Professional	44.19	0.0																	
430. Senior Specialty Professional	50.80	0.0																	
440. Senior Specialty Professional 2	71.97	22.0	1.97%	1.42							12	20.00%	14.39				10	21.74%	15.65
510. Planner	37.91	0.0																	
520. Project Planner	47.55	0.0																	
530. Senior Planner	60.41	36.0	3.23%	1.95															
540. Senior Planner 2	70.94	8.0	0.72%	0.51															
900. Admin	31.18	0.0																	
1110. Technican	33.02	0.0																	
1120. Project Technican	40.50	197.0	17.67%	7.16				38	52.78%	21.37	24	40.00%	16.20	8	6.45%	2.61	36	78.26%	31.69
1130. Senior Technican	52.50	32.0	2.87%	1.51				8	11.11%	5.83	24	40.00%	21.00						
		0.0																	
		0.0																	
TOTALS		1115.0	100%	\$48.39	60.0	100.00%	\$57.21	72.0	100%	\$44.18	60.0	100%	\$51.59	124.0	100%	\$49.61	46.0	100%	\$47.34

Local Public Agency

Tazewell County Highway Department

County

Tazewell

Section Number

23-19129-00-BR

Consultant / Subconsultant Name

Crawford, Murphy & Tilly, Inc.

Job Number**AVERAGE HOURLY PROJECT RATES**

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET ANNIVERSARY RAISE

SHEET 2 OF 2

PAYROLL CLASSIFICATION	AVG HOURLY RATES	Geotechnical Studies			Pre-Final Plans, Specs. & Estimates			Final Plans, Specs. & Estimates			Land Acquisition Services			Structural Shop Drawing Review					
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg
10. Principal	83.94																		
60. Project Manager	67.83				40	7.08%	4.80	8	7.14%	4.84				8	36.36%	24.67			
110. Civil Engineer	39.48													8	36.36%	14.36			
120. Project Civil Engineer	48.08	6	60.00%	28.85	208	36.81%	17.70	36	32.14%	15.45									
130. Senior Civil Engineer	57.83																		
140. Senior Civil Engineer 2	73.05																		
210. Structural Engineer	41.03	2	20.00%	8.21	174	30.80%	12.63	16	14.29%	5.86				6	27.27%	11.19			
220. Project Structural Engineer	48.14	2	20.00%	9.63	64	11.33%	5.45	32	28.57%	13.76									
230. Senior Structural Engineer	63.96							8	7.14%	4.57									
240. Senior Structural Engineer 2	77.45																		
410. Specialty Professional	39.56																		
420. Project Specialty Professional	44.19																		
430. Senior Specialty Professional	50.80																		
440. Senior Specialty Professional 2	71.97																		
510. Planner	37.91																		
520. Project Planner	47.55																		
530. Senior Planner	60.41										36	81.82%	49.43						
540. Senior Planner 2	70.94										8	18.18%	12.90						
1120. Project Technican	40.50				79	13.98%	5.66	12	10.71%	4.34									
1130. Senior Technican	52.50																		
TOTALS		10.0	100%	\$46.68	565.0	100%	\$46.25	112.0	100%	\$48.82	44.0	100%	\$62.33	22.0	100%	\$50.21	0.0	0%	\$0.00