



# Illinois Department of Transportation

Office of Highways Project Implementation / Region 3 / District 4  
401 Main Street / Peoria, Illinois 61602-1111

July 8, 2022

Ms. Margaret E. Hurd, City Clerk

City of Chillicothe

908 North Second Street

Chillicothe, Illinois 61523

Municipal—REBUILD Illinois Bond (RBI) Funds

City of Chillicothe

Section No.: 22-00041-77-PV

Sycamore St

Dear Ms. Hurd:

The *Resolution for Improvement Under the Illinois Highway Code* (BLR 09110) adopted by the City Council of Chillicothe on June 13, 2022, appropriating \$325,000.00 of RBI funds for this section was approved on June 30, 2022.

This resolution provides for the complete reconstruction of the existing roadway from Prairie Springs Drive to the Western City Limits along Sycamore Street.

\*NOTE: Approval of this resolution does not authorize expenditure of RBI Funds. Proper documentation must be received by our office prior to paying any bills out of the MFT account.

Additionally, the *Local Public Agency Engineering Services Agreement* for MFT Preliminary Engineering between the City of Canton and Maurer-Stutz, Inc. to be performed in connection with the improvement of the above section is also approved.

If you have any questions, please contact Mr. Simon Alwan at (309) 671-3694.

Sincerely,

*Kensil A. Barnett KSO*

Kensil A. Barnett, P.E.  
Region Three Engineer

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imprv res.blr 5530.docx

Attachment

cc: Mr. Dave Horton, Midwest Engineering Associates, Inc.  
File



**Illinois Department  
of Transportation**

**Resolution for Improvement  
Under the Illinois Highway Code**



Is this project a bondable capital improvement?

☒ Yes ☐ No

Resolution Type

Original

Resolution Number

22-06-06

Section Number

22-00041-77-PV

BE IT RESOLVED, by the Council

of the City

Governing Body Type

Local Public Agency Type

of Chillicothe

Illinois that the following described street(s)/road(s)/structure be improved under

Name of Local Public Agency

the Illinois Highway Code. Work shall be done by Contract

Contract or Day Labor

For Roadway/Street Improvements:

Name of Street(s)/Road(s)	Length (miles)	Route	From	To
Sycamore Street	0.15		Prairie Springs Dr.	Western City Limit

For Structures:

Name of Street(s)/Road(s)	Existing Structure No.	Route	Location	Feature Crossed

BE IT FURTHER RESOLVED,

1. That the proposed improvement shall consist of

Complete reconstruction of the existing roadway. The proposed roadway will be HMA pavement with aggregate shoulder and drainage improvements.

2. That there is hereby appropriated the sum of Three hundred twenty five thousand

Dollars ( \$325,000.00 ) for the improvement of

said section from the Local Public Agency's allotment of Motor Fuel Tax funds.

BE IT FURTHER RESOLVED, that the Clerk is hereby directed to transmit four (4) certified originals of this resolution to the district office of the Department of Transportation.

I, Margaret Hurd

City

Clerk in and for said City

Name of Clerk

Local Public Agency Type

Local Public Agency Type

of Chillicothe

Name of Local Public Agency

in the State aforesaid, and keeper of the records and files thereof, as provided by

statute, do hereby certify the foregoing to be a true, perfect and complete original of a resolution adopted by

Council

of Chillicothe

at a meeting held on June 13, 2022

Governing Body Type

Name of Local Public Agency

Date

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 14th day of June, 2022

Day

Month, Year

(SEAL)

Clerk Signature

Date

Margaret Hurd

6/14/22

Approved

Regional Engineer

Department of Transportation

Date

Kensel A Barnett RSO

07-08-22



Local Public Agency  
Engineering Services Agreement

Using Federal Funds? ☐ Yes ☒ No Agreement For **MFT PE** Agreement Type **Original**

LOCAL PUBLIC AGENCY

Local Public Agency <b>City of Chillicothe</b>	County <b>Peoria</b>	Section Number	Job Number
Project Number	Contact Name <b>Denise Passage</b>	Phone Number <b>(309) 274-5056</b>	Email <b>dpassage@cityofchillicotheil.org</b>

SECTION PROVISIONS

Local Street/Road Name <b>Sycamore Street</b>	Key Route	Length <b>0.15 mi</b>	Structure Number <b>N/A</b>
Location Termini <b>Sycamore Street from Prairie Springs Drive to the western City limit</b>			<b>Add Location</b> <b>Remove Location</b>

Project Description  
**Reconstruct the existing roadway of Sycamore Street from Prairie Springs Drive to the western City limit. The proposed project will include HMA pavement, aggregate shoulders and drainage improvements.**

Engineering Funding ☐ MFT/TBP ☐ State ☒ Other **RBI Funds**  
Anticipated Construction Funding ☐ Federal ☐ MFT/TBP ☐ State ☒ Other **RBI Funds**

AGREEMENT FOR

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

CONSULTANT

Prime Consultant (Firm) Name <b>Midwest Engineering Associates</b>	Contact Name <b>David Horton</b>	Phone Number <b>(309) 222-8600</b>	Email <b>dhorton@mweainc.com</b>
Address <b>140 East Washington Street</b>	City <b>East Peoria</b>	State <b>IL</b>	Zip Code <b>61611</b>

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 D : 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

(Maximum Fee \$40,000) (For federal funds the lump sum shall be developed using Cost Plus Fixed Fee Formula).

☐ Specific Rate

(Maximum Fee \$150,000)

☐ Cost plus Fixed Fee:

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
Midwest Engineering Associates	27-2629787	\$26,354.00
Subconsultants	TIN/FEIN/SS Number	Agreement Amount
Subconsultant Total		
Prime Consultant Total		\$26,354.00
Total for all work		\$26,354.00

AGREEMENT SIGNATURES

Executed by the LPA:

Attest: The City of City of Chillicothe

By (Signature & Date)

Margaret EHL 6-20-22

Local Public Agency

City of Chillicothe

Local Public Agency Type

City

Clerk

By (Signature & Date)

Michael D. Hughes 6-20-22

Title

Mayor

(SEAL)

Executed by the ENGINEER:

Prime Consultant (Firm) Name

Attest: Midwest Engineering Associates

By (Signature & Date)

Mark D. P. 6/21/22

Title

Sr. Project Manager

By (Signature & Date)

Dore L. Horton 6/21/22

Title

Sr. Project Manager

APPROVED:

Regional Engineer, Department of Transportation (Signature & Date)

Kensel A. Barnett K90



Local Public Agency

Prime Consultant (Firm) Name

County

Section Number

City of Chillicothe

Midwest Engineering Associates

Peoria

**EXHIBIT A  
SCOPE OF SERVICES**

To perform or be responsible for the performance of the engineering services for the LPA, in connection with the PROJECT herein before described and enumerated below

See Attached Scope of Work

**Sycamore Street Improvement  
Engineering Services  
Scope of Work  
Exhibit A**

**PHASE I ENGINEERING**

1. **Review Existing Information**  
Existing information will be accumulated and reviewed for use in this study.
2. **Utility Information**  
Determine location of existing utilities from existing data and by contacting utility companies.
3. **Preliminary Vertical Alignment**  
Determine preliminary vertical alignment of the proposed improvement.
4. **Typical Section(s)**  
Develop the proposed typical section.
5. **Preliminary Cross Sections**  
This work will include creating the existing and proposed cross sections at 50 foot intervals.
6. **Engineering Survey**  
Topographical surveys will be performed within the project. Bench marks and horizontal and vertical control will be established along the length of the project. Existing right of way limits will be determined.
8. **Environmental Survey Request (ESR)**  
Prepare exhibits and obtain/develop information required for the ESR. If required, submit ESR per IDOT guidelines.
9. **Special Waste Procedures**  
Complete special waste screening.
10. **Phase I Report**  
Complete report to the extent required for the project.

**PHASE II ENGINEERING**

**NON-PLAN SHEET RELATED WORK AND CONTRACT DOCUMENTS ROADWAY  
CONTRACT**

**Special Provisions**

- o Provide Special Provisions for any unique items not covered by the Standard Specifications, Illinois Department of Transportation District 4 Special Provisions, or the

Illinois Department of Transportation District 4 Special Provisions Interim Special Provisions.

- Identify and obtain from the Illinois Department of Transportation District 4 the applicable the applicable Standard Special Provisions, District Special Provisions, Interim Special Provision, and BDE Special Provisions.

#### Estimate of Time

- Prepare an estimate of time on the appropriate Local Roads forms.

#### Estimate of Cost

- Prepare an estimate of cost on the appropriate Local Roads forms, shown both with and without prices.

#### Quantity Calculations

- Calculate the quantities based on pay item, code number, and construction type code for each pay item.
- A final quantity book with calculation files will be prepared for the project.

#### Meetings

- Hold internal progress meetings on a monthly basis to coordinate the work on the project.

### **PLAN SHEET RELATED WORK ROADWAY CONTRACT**

- The plans shall be prepared per Chapter 63 guidelines in the Illinois Department of Transportation's BDE Manual.
- The project will be designed per the Chapter 46 and all other pertinent sections of the Bureau of Local Roads & Streets Manual and applicable sections of the Bureau of Design and Environment Manual.
- Perform a QC/QA review on all submittals to ensure conformance with applicable policies.
- Submittals shall be as follows:
  - Pre-Final Plans (including Pre-Final Specifications and Estimates)
  - Final Plans, Specifications and Estimates
    - The Illinois Department of Transportation will review the Pre-Final Plans and provide written comments as appropriate.

#### Cover Sheet (1 sheet)

- Will be completed in accordance with Illinois Department of Transportation guidelines.

#### Index of Sheets, Commitments, Standards, & General Notes

- The Illinois Department of Transportation format will be followed to provide Commitments and any General Notes.
- Index of sheets and a list of Illinois Department of Transportation Highway Standards and Illinois Department of Transportation District 4 Standards will be included.
- Generate the applicable general notes and job specific general notes to be included in the plans.

#### Summary of Quantities

- Approximately 14 pay items will be listed on each SOQ sheet and about 80 pay items are expected for the roadway contract.
- Work for this task includes determining the proper pay item, code number, and construction type code for each item as required.

#### Status of Utilities

- Provide a listing of utility types, location, type of conflict, and disposition.
- Provide a listing of Utility Company Representatives and their contact information.

#### Typical Sections

- Each section will include a legend numbered independently from the plan sheets.
- One existing and one proposed typical section is expected.

#### Schedule of Quantities

- The Schedule of Quantities will tabulate the plan sheet quantities into schedules. Some pay items may be tabulated in some other area of the plans. The Summary of Schedules will include a reference in such cases.
- In general, no pay item quantities will be shown on plan construction sheets.
- Schedules will be created for all pay items as required.

#### Alignment Ties and Benchmarks

- This sheet shall include a drawing of reference/recovery ties and benchmark data in tabular format.
- Benchmarks will be set and shown in the plans. At least two benchmarks will be set and referenced in the plans.

#### Existing/Removal Plan Sheets

- These sheets will be prepared at a scale of 1" = 50'.
- The existing mainline roadway plan sheets will show all removal items, existing/proposed ROW, existing utilities, and existing/proposed centerlines.
- The existing/removal plan sheets for all the side roads will be included (contiguous) with the mainline.
- No quantities will be shown on the existing/removal plan sheets.

#### Roadway Plan & Profile

- The roadway plan and profile sheets shall be shown at a scale of 1"=50'H and 1" = 5'V.
- The proposed roadway will be shown on the top half of the sheet, the profile on the bottom half.
- No quantities will be shown on the roadway plan sheets.

#### Construction Staging/Maintenance of Traffic (MOT)

- The MOT is expected to be done under highway standards and no separate staging is expected.
- If needed, a MOT plan will be prepared showing specific details that are not covered by highway standards. This will include any narrative that may be required.
- No quantities will be shown on the MOT plan sheets.



#### **Landscaping and Erosions Control Sheets**

- The landscaping design shall be limited to seeding, fertilizing and placing mulch.
- Erosion control will be designed for all culverts and ditches as required.
- Temporary erosion control features shall be designed such as silt fence, riprap, erosion control seeding, erosion control fabric or other treatments per Illinois Department of Transportation standards.
- It is presumed this project will not require permanent erosion control measures other than permanent vegetation, which is included in Landscaping Design.
- No quantities will be shown on the Erosion Control and Landscaping Plan sheets.
- These sheets will be shown at a scale of 1" = 50'.

#### **Drainage Plan/Profile Sheets**

- The proposed drainage information may be shown on separate sheets from the Roadway Plan/Profile sheets, depending on space limitations.
- The format for the drainage sheets shall be the same as the Roadway Plan/Profile sheets.
- The proposed roadway drainage plan/profile will show the ditches, culverts, and associated profiles with grades, low points, culvert information etc.
- A legend describing each symbol will be shown on each sheet. Standard drainage symbols as shown on Highway Standard 000001 will be used.

#### **Miscellaneous Construction Details**

- Miscellaneous detail sheets will be prepared for special construction details not covered by Illinois Department of Transportation Standards or Illinois Department of Transportation District 4 Details.

#### **District CADD Standards Sheets**

- Review the District Standards for applicability to the project and include relevant standards in the plans.
- Download current versions of the District CADD details from the IDOT website.

#### **Cross Sections**

- Develop cross sections at 50 foot intervals along Sycamore Street.
- Data shown on the cross sections will include:
  - Proposed and existing centerline
  - Existing Right-of-Way limits
  - Proposed roadway profile elevation
  - Ditch and swale flow arrows, if applicable
  - Existing utility information, if applicable
  - Cut & fill areas and topsoil areas.
  - Removal limits of unsuitable material, if applicable

Local Public Agency	Prime Consultant (Firm) Name	County	Section Number
City of Chillicothe	Midwest Engineering Associates	Peoria	

**EXHIBIT B  
PROJECT SCHEDULE**

See Attached Project Schedule
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**SYCAMORE STREET IMPROVEMENT  
PROJECT SCHEDULE  
EXHIBIT B**

Midwest Engineering Associates can start work immediately upon receipt of an executed copy of the engineering agreement.

We anticipate the following project schedule:

07/1/2022	Engineering Agreement Approval
07/31/2022	Project Development Report Complete
8/31/2022	Pre-Final Plans Complete
9/30/2022	Final Plans Complete
11/10/2022	Letting Date

Local Public Agency

Prime Consultant (Firm) Name

County

Section Number

City of Chillicothe

Midwest Engineering Associates

Peoria

**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)





PTB NUMBER:

TODAY'S DATE: 6/10/2022

\*If other allowable costs are needed and not listed, please add in the above spaces provided.

### LEGEND

W.O. = Work Order

J.S. = Job Specific