

ITEM #: 27
DATE: 10-24-23
DEPT: PW

COUNCIL ACTION FORM

SUBJECT: 2024/25 SOUTH 16TH STREET ROADWAY WIDENING – PROFESSIONAL SERVICES AGREEMENT

BACKGROUND:

South 16th Street, from University Boulevard to the Veterinary Medicine Trail, is a two-lane rural cross section minor arterial roadway. This portion of the road is an Iowa State University institutional road, since it is abutted by University property on both sides. East of the trail, the street widens to four lanes and is under the City's jurisdiction.

This project is for widening South 16th Street to four lanes from University Boulevard to the Veterinary Medicine Trail, updating the roadway into an urban cross section with curb and gutter, and adding a new traffic signal at South Riverside Drive. The proposed project will include reconstruction of the existing roadway, extension of the box culvert at Worrell Creek, and addition of a multi-use trail along the south and north sides of South 16th Street from University Boulevard to the Veterinary Medicine Trail.

The City Council should remember from the approved Capital Improvements Plan that although this section of the roadway is categorized as an institutional road, previous discussions with Iowa State University administrators indicated that funds were not available for ISU to complete improvements to the road. City funds, therefore, are being recommended because:

- The project completes a major linkage from University Blvd. to South Duff Avenue,
- The project provides transportation resiliency during flood events,
- The project provides important safety improvements in the corridor,
- The project improves the efficiency of CyRide bus routes, and
- The project provides enhanced multi-use capacity and safety (bikes & pedestrians).

At a later date, City staff intends to present the City Council with a Memorandum of Understanding (MOU) between the City and ISU, outlining responsibilities for future management and roadway maintenance on this reconstructed segment.

On June 12, 2023, staff issued a Request for Proposals for design and development of plans and specifications for the project. Proposals for this work were received from seven engineering firms.

The proposals were evaluated on their qualifications according to the following criteria: Project Understanding, Design Team/Key Personnel, Previous Experience, Project Approach, Responsiveness, Ability to perform work, Proposed project design/letting schedule, and Estimated Contract Cost for engineering services. Listed below is the ranking based on this evaluation:

Firm	Qualifications Based Points	Qualifications Based Rank	Fee	Total Points	Final Rank
Shive Hattery	334	1	\$ 258,250	340	1
Snyder & Associates	325	2	\$ 256,400	332	2
WHKS	323	3	\$ 249,750	331	3
Stanley	306	4	\$ 230,000	315	4
MSA	305	5	\$ 281,250	308	5
CDA	304	6	\$ 295,000	305	6
Strand	301	7	\$ 293,500	302	7

After weighing the qualifications and estimated fees for these seven firms, staff has negotiated a contract with Shive Hattery of West Des Moines, Iowa. Shive Hattery scored highest based on qualifications and the firm’s proposal was below the average design cost of \$266,307. Staff is confident that a contract with Shive Hattery will provide the best value for professional services considering the firms qualifications.

After reviewing the submitted proposals, Iowa State University requested that the professional services agreement include the design of the roadway lighting. This will include all the lighting fixtures and poles per ISU’s standards for roadway lighting. The addition of roadway lighting design is \$15,000, which brings the total professional services agreement to an amount not to exceed \$273,250.

The budget for this project is outlined below:

Funding Source	Available Revenue	Estimated Expenses
2023/24 G.O. Bonds	\$ 325,000	
2024/25 G.O. Bonds	741,000	
2024/25 STP Funds	2,814,000	
Construction		\$ 3,230,000
Engineering/Administration		650,000
TOTAL	\$ 3,880,000	\$ 3,880,000

ALTERNATIVES:

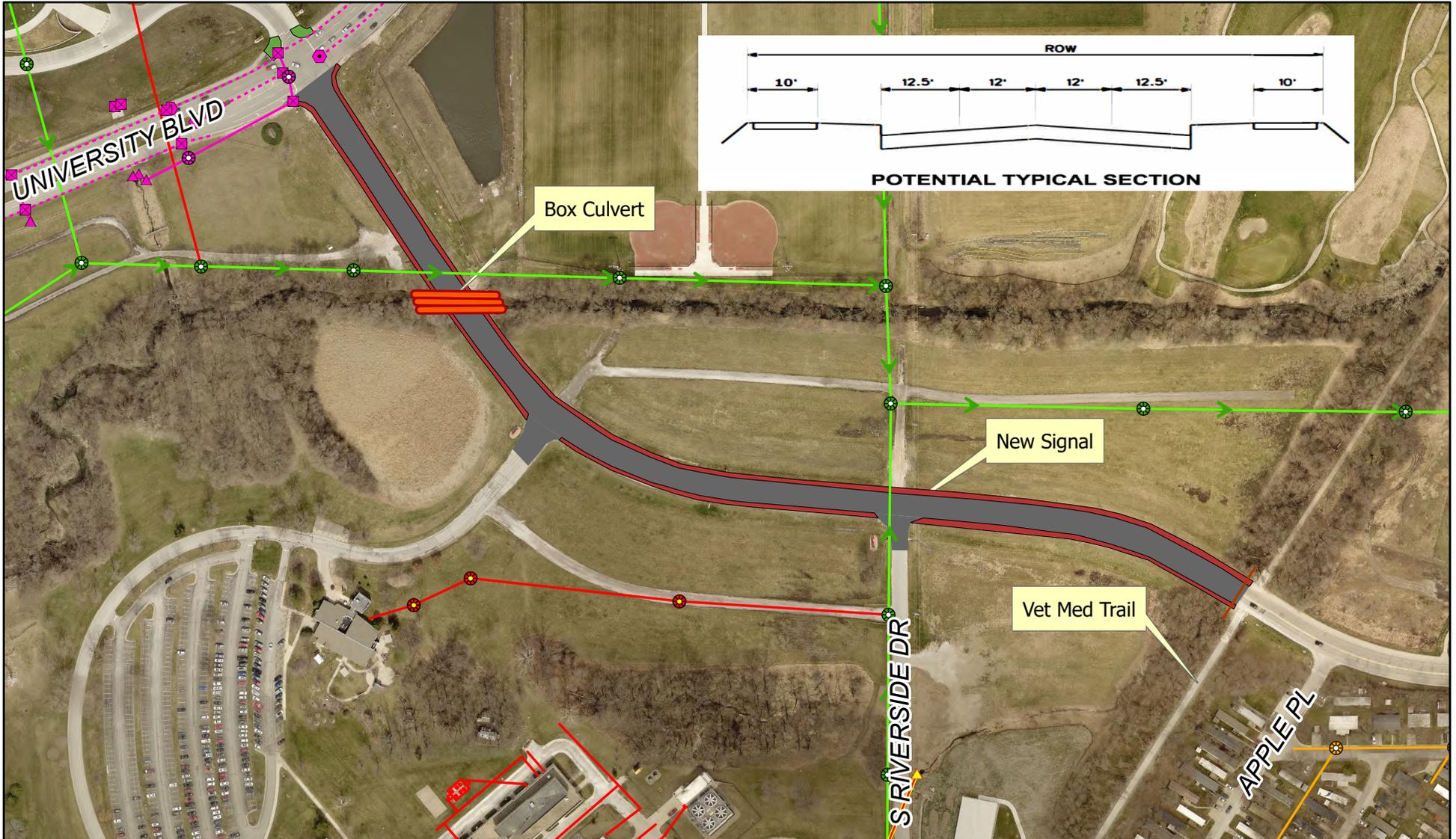
1. Approve a professional services agreement for the 2024/25 South 16th Street Roadway Widening Design project with Shive Hattery of West Des Moines, Iowa, in an amount not-to-exceed \$273,250.
2. Direct staff to negotiate an engineering agreement with another consulting firm.

CITY MANAGER'S RECOMMENDED ACTION:

Based on staff's evaluation using the above criteria, Shive Hattery will provide the best value to the City for professional services for the 2024/25 South 16th Street Roadway Widening project. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as noted above.

It should be emphasized that Staff does not believe the action to fund improvements on this Institutional road will establish a new precedent. In this instance, the City extended a major arterial, Grand Ave. with the intent to divert a significant amount of traffic onto the Institutional road, South 16th Street. This additional traffic has added to the congestion at the intersection of South 16th Street and University Avenue, especially during events at Iowa State Center. With little possibility of these needed improvements being made by ISU in the near future, the City funding of these needed improvements appears warranted in this one case. More importantly, it is very unlikely that this same set of circumstances will occur again in the future.

South 16th Street Widening



South 16th Street - University Boulevard to Vet Med Trail



AGREEMENT FOR CONSULTING SERVICES

2024/25 SOUTH 16TH STREET WIDENING

THIS AGREEMENT is made and entered into as of the _____, by and between the City of Ames, an Iowa Municipal Corporation, with offices located at Ames City Hall, Post Office Box 811, 515 Clark Avenue, Ames, Iowa 50010, hereinafter called "CITY", and Shive-Hattery, Inc., hereinafter called "CONSULTANT".

WITNESSETH:

WHEREAS, the City desires to retain professional services for the 2024/25 SOUTH 16TH STREET WIDENING, and

WHEREAS, the Consultant represents that it is qualified to perform the services under this contract.

NOW, THEREFORE, and in consideration of mutual covenants hereinafter contained, it is mutually agreed between the parties as follows:

1. **SCOPE OF WORK**: The services to be performed by Consultant include preparation of documents or consultation on the items described in Exhibit "1", attached hereto and by this reference made a part hereof.
2. **AMENDMENTS TO SCOPE OF WORK**: There shall be no increase in the amount of payment, Scope of Work or Time of Performance as stated in this Agreement except by written amendment approved by the City.
3. **CONSULTANT'S COMPENSATION AND METHOD OF PAYMENT**: For the services listed below and described in Exhibit "1", Consultant shall be paid for the amount stated in Exhibit "2" for a total not to exceed \$ 273,250.
4. **TIME OF PERFORMANCE**: The Consultant agrees that it will diligently and responsibly pursue the performance of the services required of it by this Agreement for completion on or before, as described in the schedule of milestone tasks set out in Exhibit "1".
5. **COOPERATION BY CITY**: All public information, data, reports, records, and maps as are existing, available to City as public records, and which are necessary for carrying out the work as outlined in the Scope of Services, shall be furnished to the Consultant without charge by the City. The City shall cooperate with the Consultant in every way possible to facilitate, without undue delay, the work to be performed under this Agreement, including turnaround of reviews and approvals.

6. DESIGNATED REPRESENTATIVES: The following individuals are hereby designated as representatives of City and Consultant respectively to act as liaison between parties:

CITY

Abdelhafiz Ibrahim, P.E.
Civil Engineer I

CONSULTANT

Victoria L. Watts, P.E.
Project Manager

Mrs. Victoria L Watts, P.E. shall be the Project Manager in charge of monitoring performance by the Consultant, and shall be responsible for review of all work products prepared by Consultant. Any change in designated representatives shall be promptly reported to the other party in order to insure proper coordination.

7. STANDARDS OF PERFORMANCE. Consultant shall comply with all known applicable laws, ordinances, and codes of the Federal, State and local governments while performing the services described herein in a good, skillful, and professional manner. Consultant shall also enter into, and comply with, a right of entry agreement with Iowa State University.
8. OWNERSHIP OF DOCUMENTS: All reports, files, drawings, and other material prepared under this Agreement shall become the property of the City and Iowa State University. In the event the City or Iowa State University uses the Instruments of Service without the permission of the authors of the Instruments of Service, the City and Iowa State University release the Consultant from all claims and causes of action arising out of such uses. The City and Iowa State University, to the extent permitted by law, further agrees to indemnify and hold harmless the Consultant from all costs and expenses, including the cost of defense, related claims and causes asserted by any third person or entity to the extent such costs and expenses arise from the City and Iowa State University's use of the Instruments of Service.
9. PERSONNEL AND ASSIGNMENT: Consultant represents that it has all personnel required to perform the services under this agreement. Consultant's personnel shall not be employed by, nor have any direct contractual relationship with the City. All services required hereunder shall be performed by Consultant, its employees or personnel under direct contract with Consultant. The Consultant shall not assign the performance of the Agreement nor any part thereof without the prior written consent of the City.
10. AUTHORITY OF CONSULTANT: Consultant shall be an independent contractor and shall not incur or have the power to incur, any debt obligation, or liability whatever against the City, or bind the City in any manner. Consultant shall not disseminate any information or reports without the prior approval of the City in writing.

11. CONSULTANT'S ACCOUNTING RECORDS: Records of the Consultant's direct personnel, sub-consultants, and reimbursable and other expenses pertaining to the work and records of accounts between City and Consultants shall be kept on a generally recognized standard accounting basis and shall be available to City or its authorized representatives at mutually convenient times.
12. TERMINATION: Either party may terminate this Agreement, with cause, upon thirty (30) days written notice to the other. In the event of such termination, Consultant shall be compensated for all services performed and expenses incurred to the date of termination. Such compensation shall be paid within thirty (30) days of termination. In no event shall the amount due exceed the amount set forth in Exhibit "2". In the event of disagreement as to a portion of an amount claimed to be owed to the Consultant, the amount not in dispute shall be remitted promptly and the parties shall attempt to resolve their differences with respect to any remaining amounts.
13. NOTICE: Whenever it shall be necessary for either party to serve notice on the other respecting this Agreement, such notice shall be served by mail addressed to the City at: Ames City Hall, P.O. Box 811, 515 Clark Avenue, Ames, Iowa 50010, or to the Consultant at: 4125 Westown Parkway Suite 100 West Des Moines, IA 50266, unless or until a different address may be furnished in writing by either party to the other, and such notice shall be deemed to have been served within seventy-two (72) hours after the same has been deposited in the United States Post Office, postage paid. This shall be valid and sufficient notice for all purposes.
14. CONFLICT OF INTEREST: Consultant represents and agrees the Consultant has not employed any person to solicit or procure this Agreement, and has not made, and will not make, any payment or any agreement for payment of any commission, percentage, brokerage, contingent fees, or other compensation in connection with the procurement of this Agreement.
15. INDEMNIFICATION: Neither party hereto shall be liable for any damages proximately resulting from the negligent or wrongful actions or omissions of the other party, employees, Agents or contractors performing under this Agreement.
16. WORKER'S COMPENSATION: Consultant agrees to provide the necessary Worker's Compensation insurance at Consultant's own cost and expense for itself and any employees employed by Consultant. Consultant, and consulting Agent and employees in the performance of this Agreement, shall act in an independent capacity and not as officers, employees, or Agents of the City.
17. NON-DISCRIMINATION: During the performance of the Agreement, the Consultant shall not unlawfully discriminate against any employee or applicant for employment because of race, color, creed, religion, national origin, sex, sexual orientation, disability, or age. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship.

18. ENTIRE AGREEMENT: This Agreement shall constitute the entire Agreement between the parties. This Agreement supersedes any and all prior negotiations, representation, or agreements, either written or oral. Any amendments to or clarification necessary to this Agreement shall be in writing and acknowledged by all parties to the Agreement.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed effective the day and year first set forth above.

CITY OF AMES, IOWA

CONSULTANT

By: _____
John Haila, Mayor

By: Victoria L. Watts
Victoria L. Watts, P.E.

Attest by:
Renee Hall, City Clerk

Agreement for Consulting Services

EXHIBIT 1 – SCOPE OF SERVICES

PROJECT DESCRIPTION

This project is for reconstruction of South 16th Street to widen from two lanes to four lanes from University Boulevard to the Veterinary Medicine Trail, modify the roadway to an urban cross section with curb and gutter, storm sewer design for the proposed S 16th Street, and traffic signal design at the South Riverside Drive intersection. The project also includes the extension of the box culvert at Worrell Creek and multi-use trail along the southern and northern sides of South 16th Street from University Boulevard to Veterinary Medicine Trail.

SCOPE OF SERVICES

We will provide the following services for the project:

Civil Engineering, Land Surveying, Structural Engineering, Traffic Engineering and Transportation Engineering, Subsurface Exploration, and Lighting Photometrics

These services will consist of the following tasks:

The project will include the design of the following items:

- A. Reconstruction of South 16th Street from University Boulevard to the Veterinary Medicine Trail including urbanization by adding curb and gutter to the roadway. The roadway shall be reconstructed as a four-lane roadway matching existing roadway sections east of this location on S 16th Street.
- B. Design of storm water surface spread and storm sewer analysis.
- C. Design of multi-use trails on the north and south side of South 16th Street from University Boulevard to the Veterinary Medicine Trail.
- D. Traffic signal design at South Riverside Drive and South 16th Street.
- E. S 16th Street Lighting Design, Layout, and Photometrics for proposed roadway improvements.
- F. Worrell Creek Culvert extension.
- G. Modifications to the existing median, storm sewer, and striping on University Boulevard for sidewalk crosswalks. Additional modifications on University Boulevard are not anticipated.
- H. Pedestrian sidewalk ramp design at the University Boulevard/S 16th Street intersection and the South Riverside Drive/S 16th Street intersection. Coordination with traffic signal project (by others) at the University Boulevard/S 16th Street intersection for pedestrian push button locations may be required.

Project Management and Coordination

- A. Project Meetings
 - 1) Kickoff Meeting – The CONSULTANT shall coordinate and lead a project kickoff meeting with appropriate City of Ames and Iowa State University staff.
 - 2) Project Review Meetings – The CONSULTANT shall lead project review meetings with City of Ames and Iowa State University staff at key stages during the design process – meetings are anticipated at Preliminary Plans, Check Plans, and Final Plans.



- 3) Prepare meeting minutes and documentation of items discussed at project meetings.
- B. Bi-Weekly Progress Reporting – The CONSULTANT shall provide progress reporting with action items on bi-weekly basis throughout the design process.
- C. Quality Control – The CONSULTANT shall provide on-going Quality Control throughout the design process.

Coordination

- A. The CONSULTANT shall coordinate with City Staff, Iowa State University, CyRide and the Iowa Department of Transportation (IDOT) for the project design.

Surveys and Mapping

- A. The CONSULTANT shall perform field and office tasks required to collect topographic data and right-of-way information deemed necessary to complete the project. Potholing is not anticipated during design, however potholing during construction may be completed by others.
- B. The CONSULTANT will conduct field surveys to obtain topographic data, ground elevations, and cross sections required for the development of the Project.
- C. The CONSULTANT will contact the various utility companies and collect available information on underground utility locations and incorporate such availability utility information into the base mapping of the project. Utilities to be researched include sanitary sewer, storm sewer, electric, gas, water, telephone, cable, and fiber optic lines.
- D. The CONSULTANT will research City, County, and State Records to establish location of property lines, right-of-way lines, and property ownership for the properties affected by the project and incorporate this data into the base mapping of the project.
- E. The CONSULTANT shall provide staking for soil boring locations.

Project Permitting

- A. The CONSULTANT shall prepare the requirements for the National Environmental Policy Act (NEPA) process, including the following:
 - 1) Iowa DOT concept statement submittal.
 - 2) Phase I Cultural and Archeological Study shall be conducted by subconsultant.
 - 3) Phase I Environment Site Assessment
 - 4) Flood plain permitting through the Iowa Department of Natural Resources and the City of Ames.
 - 5) United States Army Corps of Engineers permitting for section 404 of the Clean Water Act.
- B. It is assumed the project will achieve NEPA clearance as a programmatically categorical exclusion.

Preliminary Design and Plans

- A. Preliminary Plans according to the Iowa DOT Office of Local Systems Preliminary Plan Checklist
 - 1) Sheets to be included:
 - a) A Sheets – Title Sheet and Location Map

- b) B Sheets – Typical Sections
 - c) D Sheets – Mainline Roadway Plan and Profile Sheets
 - d) N Sheets – Traffic Signal/Accessible Pedestrian Push Button Sheets
 - e) S Sheets – Sidewalk Ramp Sheets
 - f) V Sheets – Culvert Type, Size, Location (TSL)
- 2) Preliminary Plans and Preliminary Opinion of Probable Costs shall be submitted to the City of Ames.
 - 3) Coordinate with utility companies in the corridor on existing facilities and relocations if necessary.
 - 4) Temporary and Permanent Easement Exhibits for the City of Ames to use for coordination with Iowa State University.
 - 5) Attend one-on-one meetings with Iowa State, College of Veterinary Medicine, and Department of Athletics, three (3) total meetings assumed, to be coordinated by the City of Ames.

Subsurface Exploration Services (These services shall be by subconsultant.)

- A. Sub-Consultant shall provide boring plan of boring, including location, restoration, and road closure notifications.
- B. Sub-Consultant will drill and sample five (5) soil borings for the roadway at a depth of 10 feet and 2 borings for the culvert extension at a depth of 20 feet. Sub-Consultant to backfill and patch borings at completion of drilling.
- C. Sub-Consultants laboratory testing shall include moisture contents, dry densities, unconfined compressive strength tests and one (1) Atterberg limits, one (1) gran analysis, and one (1) standard Proctor for soil classification for subgrade suitability.
- D. An engineering analysis, including pavement thickness analysis, and a written report shall be provided.

Public Meetings

- A. The CONSULTANT shall record a public information video for the City's use prior to the public information meeting.
- B. The CONSULTANT shall prepare and attend one (1) public information meeting.
 - 1) Prepare exhibits necessary to convey project design, options, and gather feedback.
 - 2) Document meeting minutes and comments received.

Check/Final Design and Plans

- A. Prepare/Submit Check Plans in accordance with Iowa DOT Check Plan Checklist. Sheets to be included:
 - 1) A Sheets - Title Sheet and Location Map
 - 2) B Sheets - Typical Sections and Details
 - 3) C Sheets - Estimated Project Quantities, Estimate Reference Information, Pollution Prevention Plan, and Tabulations
 - 4) D Sheets - Mainline Roadway Plan and Profile Sheets
 - 5) E Sheets - Side Road Plan and Profile Sheets (as necessary)
 - 6) G Sheets - Survey Control Sheets
 - 7) H Sheets - Right-of-Way Sheets (if necessary). Information may be shown on D Sheets.

- 8) J Sheets - Traffic Control and Staging Sheets, Property Owner Access
 - 9) L Sheets - Intersection Geometric Sheets
 - 10) M Sheets - Storm Sewer Sheets and Tabulation
 - 11) N Sheets - Pavement Striping and Traffic Signal/Accessible Pedestrian Push Button Sheets. Traffic Signals at South Riverside Drive and S 16th Street intersection only.
 - 12) P Sheets –Roadway Lighting Design, layout, and photometric analysis. Road lighting design will be based on Iowa State University’s standard roadway light fixture and pole, the design plans will include Iowa State University’s standard roadway lighting equipment detail. All site lighting equipment shall be provided and installed by the electrical contractor.
 - 13) U Sheets - Removal Sheets (if required, information may be included on the D Sheets).
 - 14) V Sheets – Culvert extension sheets
 - 15) W Sheets - Mainline Cross Section Sheets
 - 16) X Sheets – Side Road Cross Sections (as necessary)
- B. Submit Check Plans and Opinion of Probable Cost to City of Ames and Iowa DOT.
 - C. Prepare Final Plans based upon City of Ames/IDOT/ISU comments on Check Plans.
 - 1) Submit Final Plans and Opinion of Probable Cost to City of Ames.
 - 2) Prepare and Submit Project Development Certificate (PDC) to IDOT.

Bidding

- A. Project to be let in one bid package by the Iowa DOT.
- B. Answer contractor questions during bidding.
- C. Attend Preconstruction Meeting and distribute meeting minutes.

CLIENT RESPONSIBILITIES

It will be your responsibility to provide the following:

1. Identify a Project Representative with full authority to act on behalf of the Client with respect to this project. The Client Project Representative shall render decisions in a timely manner in a timely manner in order to avoid delays of Shive-Hattery’s services.
2. Legal, accounting, and insurance counseling services or other consultants, or vendors that may be necessary. The Client shall coordinate these services with those services provided by Shive-Hattery.
3. Provide to Shive-Hattery any available drawings, survey plats, testing data and reports related to the project, either hard copy or electronic media. Electronic media is preferred.
4. Unless specifically included in the Scope of Services to be provided by Shive-Hattery, the Client shall furnish tests, inspections, permits, and reports required by law, regulation or code including but not limited to hazardous materials, chemical, and water pollution tests.
5. Provide Shive-Hattery personnel access to the site as required. Shive-Hattery will sign a right of entry agreement with Iowa State University for such access.
6. Shive-Hattery is not a municipal advisor as defined by the Dodd-Frank Act and as such does not offer municipal advisory services including advice regarding any municipal financial products or securities. Any advice or recommendations provided to the client is intended as architectural/engineering services and should not be interpreted as advice regarding municipal financial products or services. The client understands they are responsible to retain the services of a registered municipal advisor for any advice it seeks regarding municipal financial products or securities.

SCHEDULE

We will begin our services upon receipt of this Agreement executed by you which will serve as a notice to proceed. The services shall be performed in accordance with the following:

1. Notice to Proceed October 25, 2023
2. IDOT Concept Statement December 19, 2023
3. City of Ames and IDOT Preliminary Plans Submittal June 18, 2024
4. City of Ames and IDOT Check Plans Submittal August 06th, 2024
5. City of Ames and IDOT Final Plans Submittal September 17th, 2024
6. IDOT Bid Letting December 17th, 2024
7. Construction seasons of 2025 and 2026

COMPENSATION

Description	Fee Type	Fee	Estimated Expenses	Total
Scope of Services	Hourly w/Max	\$273,250	Included	\$273,250
ESTIMATED TOTAL		\$273,250		\$273,250

Fee Types:

1. Hourly w/Max - We will provide the Scope of Services on an hourly rate basis at our Standard Hourly Fee Schedule in effect at the time that the services are performed. We will not exceed the estimated amounts above without your prior authorization.

Expenses:

2. Included – For Fixed Fee Type, expenses have been included in the Fee amount. For Hourly Fee Types, expenses will be reimbursed in accordance with our Reimbursable Expense Fee Schedule in effect at the time the expense is incurred.

See attached Standard Hourly and Expense Fee Schedule.

The terms of this proposal are valid for 30 days from the date of this proposal.

ADDITIONAL SERVICES

The following are additional services you may require for your project. We can provide these services, but they are not part of this proposal at this time:

1. Televising of existing utilities.
2. Wetland and Waters of the US Mitigation and Monitoring.
3. Sanitary Sewer and Watermain Improvements
4. Land acquisition shall be from Iowa State University, it is anticipated land acquisition negotiation services will not be required.
5. Provide services for FEMA CLOMR/LOMR Process.
6. Design of Channel Improvements to Worrell Creek.
7. Aesthetics, landscaping, and signage design for the corridor.
8. Traffic Study for the corridor or intersections within the project area.

EXHIBIT 2 – SHIVE-HATTERY STANDARD HOURLY FEE SCHEDULE

Effective January 1, 2023 to December 31, 2023

PROFESSIONAL STAFF:

Grade 1	\$104.00
Grade 2	\$124.00
Grade 3	\$138.00
Grade 4	\$154.00
Grade 5	\$172.00
Grade 6	\$185.00
Grade 7	\$202.00
Grade 8	\$221.00
Grade 9	\$240.00

TECHNICAL STAFF:

Grade 1	\$ 73.00
Grade 2	\$ 89.00
Grade 3	\$102.00
Grade 4	\$110.00
Grade 5	\$123.00
Grade 6	\$141.00
Grade 7	\$157.00

ADMIN STAFF: \$ 71.00

SURVEY STAFF:

One Person	\$158.00
Two Person	\$245.00
One Person with ATV	\$183.00
Two Person with ATV	\$270.00
Drone Surveyor (Video or Photogrammetry)	\$195.00
Drone Surveyor (Thermography)	\$360.00
Reality Capture Processing	\$161.00
Hydrographic Survey Crew (Two Person)	\$311.00
Scanning Surveyor	\$215.00
Surveyor with Two Scanners	\$295.00
Surveyor with Three Scanners	\$375.00
Ground Penetrating Radar	\$160.00

REIMBURSABLE EXPENSES:

TRAVEL

Mileage- Car/Truck	\$0.65/ Mile
Mileage- Survey Trucks	\$0.75/ Mile
Lodging, Meals	Cost + 10%
Airfare	Cost + 10%
Car Rental	Cost + 10%

IN-HOUSE SERVICES

Prints/Plots:

Bond	\$.30/Sq. Ft.
Mylar	\$.75/Sq. Ft.
Photogloss	\$.90/Sq. Ft.
Color Bond	\$.60/Sq. Ft.
Foam Core Mounting	\$ 13.00

OUTSIDE SERVICES

Aerial Photogrammetry	Cost + 10%
Professional Services	Cost + 10%
Prints/Plots/Photos	Cost + 10%
Deliveries	Cost + 10%

Color Prints:

Letter Size	\$ 1.00
Legal Size	\$ 2.00