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City of Hiawatha

Engineering Department

101 Emmons St., Hiawatha Iowa, 52233-1697
PHONE (319) 393-1515 ext. 511 FAX (319) 393-1516

To: **Mayor and City Council** **Date:** **March 14, 2019**

From: **John C Bender PE, City Engineer**

Re: **2019 Center Point Road Rehabilitation Project-Blair's Ferry to Clark Street**

Description: **Engineering Contract for Resurfacing Study and Design**

Report:

Hiawatha has contracted with Shive Hattery Engineers to prepare the plans and specifications for the 2019 Willman Street Signal Project. This includes new semi-actuated traffic signals at Willman Street and Center Point Road. As we review the draft plans, it has been brought to our attention that the existing brick sidewalks and pedestrian crossings no longer meet the ADA standards. We also anticipate removing and replacing the intersection with new crosswalks, new paving, and traffic lane painting.

This section of Center Point Road was resurfaced in 2003. The large traffic volume has taken a toll on the street condition, as we have always anticipated adding a new surface in this area as the last improvement to the entire Center Point Road corridor. As we consider the large development projects that are scheduled along this corridor in the next few years, we feel the final stage of Center Point improvements completed would be a benefit to the area. The City's anticipated construction projects would be accomplished.

We currently have projects that have been constructed under budget which provides us with capital improvements dollars available to use on other anticipated projects. This will allow us to accelerate the construction schedule of a project of this type. As you can see from the attached pictures, this harsh winter has added several new areas of cracks and potholes on Center point Road that need repaired. A recent study of the Hiawatha streets by Iowa State University identified the street condition in this area as fair at best.

We currently have approximately $_519,000___ available in capital project dollars to add a resurfacing project this summer. We feel these dollars would cover the engineering and construction of a new asphalt surface. If this is something the Council would consider, we could start the engineering process to evaluate the best solution for the area. The proposed contract amount is $39,300.00

Engineering recommends approval. Any question please let me know.

Center Point Road ACC mill and overlay project from E. Clark St to Blairs Ferry Rd.

2003

NTER POINT ROAD STREETSCAPE I

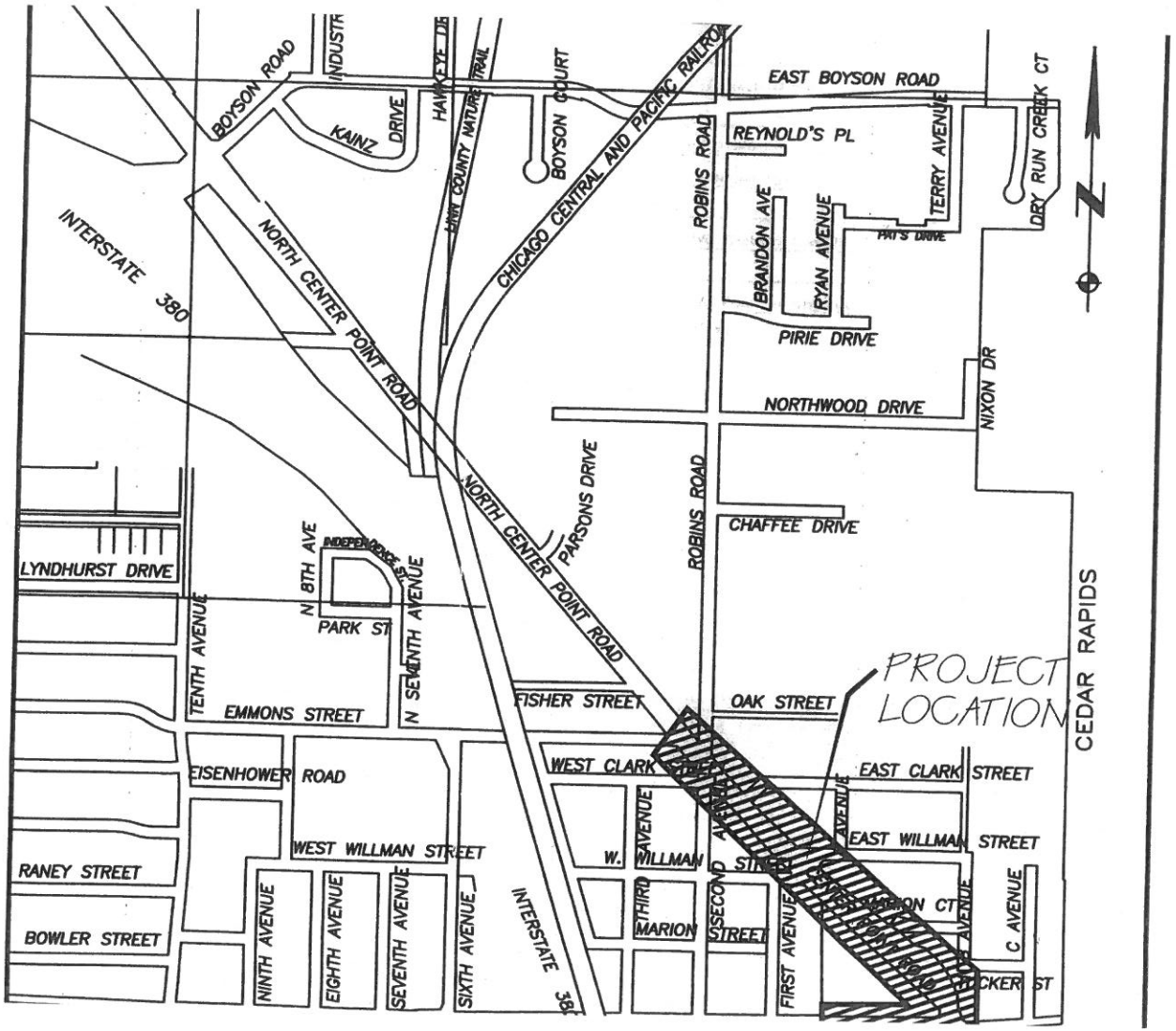
-362-9548
-393-1515
911
-393-1515
911
-393-5556
-393-6601
-292-8989
-298-5155

-399-7665
-399-7209

-398-4540
-398-4555

-395-9699
-292-8989

-298-6484
-292-8989
-364-6111



1	COVER
2	LEGEND , GEN
3	GRAPHICAL SI
4	DEMOLITION F
5	PAVING PLAN
6	PAVING PLAN
7	PAVING PLAN
8	SIDEWALK ALC
9	DETAILS
10	DETAILS
11	PAVEMENT MA
12	TRAFFIC CONT
D1	COLUMN DETA
D2	WALL DETAILS
D3	COLUMN DETA
E1-E4	ELECTRICAL/ LI

MAYOR:
CITY CLERK:
CITY ADMINISTRATOR

COUNCIL PERSONS:

Existing Conditions of Center Point Road

E Clark St
A Ave
Center Point Rd
E Willman St
B Ave
C Ave
2nd Ave
1st Ave
Marion Ct
Tucker St
Blairs Ferry Rd NE

SHIVEHATTERY
ARCHITECTURE + ENGINEERING

PROFESSIONAL SERVICES AGREEMENT

ATTN: John Bender
CLIENT: City of Hiawatha, IA
101 Emmons Street
Hiawatha, IA 52233

PROJECT: City of Hiawatha - Center Point Road Rehabilitation

PROJECT LOCATION: Hiawatha, IA

DATE OF AGREEMENT: March 14, 2019

PROJECT DESCRIPTION

Thank you for the opportunity to provide professional design and engineering services to prepare roadway improvement plans for Center Point Road between the intersections of Clark Street and Blairs Ferry Road, including surface rehabilitation and ADA improvements (if needed).

SCOPE OF SERVICES

We will provide the following services for the project:

Land Survey Services, Civil Engineering and Traffic Engineering

These services will consist of the following tasks:

Center Point Road Rehabilitation

1. **Land Survey Services:**

   A. Coordinate with One Call for utility locates.

   B. Provide topographic survey.

   C. Prepare Base Map of topographic survey.

2. **Functional Design Memo:**

   A. Prepare Functional Design Memo, which will include:

      1) *Pavement rehabilitation method recommendation and section information.*

      2) *ADA sidewalk ramp compliance locations and needs.*

      3) *Utility structure deficiencies or impacts (manholes, handholes, valves, in-pavement traffic signal equipment, etc.).*

      4) *Functional construction staging concept.*

      5) *Property owner impacts: access, parkway grading, impacted landscaping, mailboxes, driveway concerns, etc. Property impacts are limited to those within the public right-of-way.*

Shive-Hattery | 316 Second Street SE | Suite 500 | PO Box 1803 | Cedar Rapids, IA 52406-1803 | 319.364.0227 | fax 319.364.4251 | shive-hattery.com

6) *Opinion of probable construction costs.*

3. Preliminary Plans:

A. Prepare Preliminary Plans, which will include:
   1) *Cover Sheet*
   2) *Removals*
   3) *Estimated Quantities*
   4) *Plan and profile*
   5) *Survey / Control*
   6) *Traffic Control*

B. Prepare construction cost opinion.

C. Submit plans to City for review.

D. Attend one (1) meeting with City staff to review comments.

4. Check Plans:

A. Prepare Check Plans, which will include:
   1) *Cover Sheet*
   2) *Removals*
   3) *Estimated Quantities*
   4) *Plan and profile*
   5) *Survey / Control*
   6) *Traffic Control*
   7) *Erosion control*
   8) *Cross-sections*
   9) *Pavement Marking / Signing*

B. Prepare construction cost opinion.

C. Prepare draft project manual including specifications.

D. Coordination with utility companies.

E. Attend one (1) meeting with City staff to review comments.

5. Final Plans:

A. Revise plans per City comments.

B. Prepare final project manual.

C. Update construction cost opinion.

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 order to avoid delays of Shive-Hattery's services.

2. Legal, accounting, and insurance counseling services or other consultants, including geotechnical, 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, structural, mechanical, chemical, air pollution and water pollution tests.

SCHEDULE

We will begin our services upon receipt of this Agreement executed by you which will serve as a notice to proceed.

We will meet with you to develop a mutually agreed-upon schedule for the Scope of Services.

COMPENSATION

Description	Fee Type	Fee	Expenses
Center Point Road Rehabilitation	Fixed Fee	$39,300	Included
ESTIMATED TOTAL		$39,300	Included

Fee Types:

- Fixed Fee - We will provide the Scope of Services for the fee amounts listed above.

Expenses:

- Included - Expenses have been included in the Fee amount.

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. Easement Plats
2. Underground Utility Investigation
3. Bid & Construction Phase Services

AGREEMENT

This proposal shall become the Agreement for Services when accepted by both parties. Original, facsimile, electronic signatures or other electronic acceptance by the parties (and returned to Shive-Hattery) are deemed acceptable for binding the parties to the Agreement. The Client representative signing this Agreement warrants that he or she is authorized to enter into this Agreement on behalf of the Client.

Thank you for considering this proposal. We look forward to working with you. If you have any questions concerning this proposal, please contact us.

Sincerely,
SHIVE-HATTERY, INC.

Jordan Dreyer

Jordan Dreyer, Project Manager
jdreyer@shive-hattery.com

AGREEMENT ACCEPTED AND SERVICES AUTHORIZED TO PROCEED

CLIENT: City of Hiawatha, IA

BY:_____ **TITLE:**_____
(signature)

PRINTED NAME:_____ **DATE ACCEPTED:**_____

CC: Marcus Januario, Shive-Hattery, Inc.
Justin Campbell, Shive-Hattery, Inc.

RESOLUTION NO. 19-
City Council

RESOLUTION APPROVING A PROFESSIONAL SERVICES AGREEMENT FOR DESIGN WORK CONNECTION WITH THE 2019 CENTER POINT ROAD REHABILITATION PROJECT

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HIAWATHA, IOWA, that the Mayor is hereby authorized to sign a Professional Services Agreement between the City of Hiawatha and Shive Hattery Engineering Inc., for the following purposes and under the following terms:

preparation of design work and specifications for the 2019 Center Point Road Rehabilitation Project, in an amount not to exceed $39,300.00, as shown in the attached Exhibit 'A.'

AYES:
NAYS:
ABSENT:

PASSED AND APPROVED this 20th day of March, 2019.

_____
Bill Bennett, Mayor

ATTEST:

_____
Kari Graber, City Clerk