

McDonald, Holly

From: McDonald, Holly
Sent: Wednesday, May 22, 2019 12:18 PM
To: Lynch, Stephen; Sanjay Joshi (DOH)
Subject: Happ Road Phase I Study - Additional Services
Attachments: PreliminaryEngServicesAgmtPatrick5-21-19.pdf

Attached please find the executed Preliminary Engineering Services Agreement for Federal Participation for the Happ Road Phase I study which was approved by the Village Board at their regular meeting on May 21, 2019. Please return a fully executed copy to us.

Holly McDonald
Executive Assistant to the Village Manager
Office of the Village Manager
361 Happ Road
Northfield, IL 60093
847.784.3510; fax 847.446.4670

Disclaimer:

This e-mail and any attachments transmitted with it contain information from the Village of Northfield that is proprietary, confidential and/or privileged and is intended only for the use of the addressee(s) named above. If you are not an addressee, intended recipient, or the employee or agent responsible for delivering it to the intended recipient, you have received this e-mail in error and you are hereby notified that any further review, disclosure, dissemination, copying, distribution or use of the contents of this information is strictly prohibited. Please immediately notify us of your receipt of this e-mail by replying to the e-mail address or calling the telephone number on this e-mail. We will advise you of the appropriate disposal and deletion of this message and its attachments.



May 3, 2019

Stacy Sigman
Village Manager
Village of Northfield
361 Happ Road
Northfield, IL 60093

Reference: Happ Road Phase I Study – Additional Services

Dear Mrs. Sigman:

Enclosed for your review, please find Patrick Engineering Inc.'s defined scope and CECS pricing forms for the additional services requested by Cook County Department of Transportation and Highways as part of their geometric review. The additional services will revise the design to improve the safety and operations of the Happ Road and Winnetka Road intersection and minimize right-of-way acquisition.

The additional services consist of the following tasks:

1. Revising the design of the Happ Road and Winnetka Road intersection to reduce the pavement area
2. Revising the associated documents, including the Intersection Design Study (IDS), Project Development Report, and Proposed Drainage.

The total cost for the additional services is \$19,126.

We are committed to meeting the Village's needs and completing the Happ Road Corridor Study. If you have any questions or require additional information, please do not hesitate to contact me at 312.201.7951 or slynch@patrickco.com.

Sincerely,

PATRICK ENGINEERING INC.


A handwritten signature in black ink that reads "Steve Lynch".

Steve Lynch, PE
Project Manager

SRL

Enclosure: IDOT BLR 05610 – Preliminary Engineering Service Agreement
Additional Service Scope
IDOT BDE 3604 – Pricing Template

cc: Jarrod Cebulski, Patrick Engineering Inc.

| | | | | |
|---|---|---|--|--|
| Local Public Agency Village of Northfield | L O C A L A G E N C Y |  Illinois Department of Transportation Preliminary Engineering Services Agreement For Federal Participation | C O N S U L T A N T | Consultant Patrick Engineering Inc. |
| County Cook | | | | Address 4970 Varsity Drive |
| Section 16-00054-00-PV | | | | City Lisle |
| Project No. | | | | State IL |
| Job No. | | | | Zip Code 60532 |
| Contact Name/Phone/E-mail Address Stacy Sigman (847) 441-3852 ssigman@northfield.org | | Contact Name/Phone/E-mail Address Jarrod Cebulski (630) 795-7468 icebulski@patrickco.com | | |

THIS AGREEMENT is made and entered into this 30 day of April, 2019 between the above Local Public Agency (LPA) and Consultant (ENGINEER) and covers certain professional engineering services in connection with the PROJECT. Federal-aid funds allotted to the LPA by the state of Illinois under the general supervision of the Illinois Department of Transportation (STATE) will be used entirely or in part to finance engineering services as described under AGREEMENT PROVISIONS.

Project Description

Name Happ Road Route _____ Length 0.70 MI Structure No. N/A

Termini Winnetka Road to Willow Road

Description Rehabilitation / Reconstruction of Happ Road, the Happ Road intersections of Orchard Lane/Walnut Street and Winnetka Road and drainage improvements associated with the roadway improvements.

Agreement Provisions

I. THE ENGINEER AGREES,

1. To perform or be responsible for the performance, in accordance with STATE approved design standards and policies, of engineering services for the LPA for the proposed improvement herein described.
2. To attend any and all meetings and visit the site of the proposed improvement at any reasonable time when requested by representatives of the LPA or STATE.
3. To complete the services herein described within 90 calendar days from the date of the Notice to Proceed from the LPA, excluding from consideration periods of delay caused by circumstances beyond the control of the ENGINEER.
4. The classifications of the employees used in the work should be consistent with the employee classifications and estimated man-hours shown in EXHIBIT A. If higher-salaried personnel of the firm, including the Principal Engineer, perform services that are indicated in Exhibit A 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.
5. That the ENGINEER is qualified technically and is entirely 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 herein.
6. That the ENGINEER shall be responsible for the accuracy of the work and shall promptly make necessary revisions or corrections resulting from the ENGINEER's errors, omissions or negligent acts without additional compensation. Acceptance of work by the STATE will not relieve the ENGINEER of the responsibility to make subsequent correction of any such errors or omissions or for clarification of any ambiguities.
7. That all plans and other documents furnished by the ENGINEER pursuant to this AGREEMENT will be endorsed by the ENGINEER and will affix the ENGINEER's professional seal when such seal is required by law. Plans for structures to be built as a part of the improvement will be prepared under the supervision of a registered structural engineer and will affix structural engineer seal when such seal is required by law. 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 STATE.
8. That the ENGINEER will comply with applicable federal statutes, state of Illinois statutes, and local laws or ordinances of the LPA.

9. The undersigned certifies neither the ENGINEER nor I have:
- a. 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 me or the above ENGINEER) to solicit or secure this AGREEMENT,
 - b. 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. paid, or agreed to pay any firm, organization or person (other than a bona fide employee working solely for me or the above ENGINEER) any fee, contribution, donation or consideration of any kind for, or in connection with, procuring or carrying out the AGREEMENT.
 - d. are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any Federal department or agency,
 - e. have 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 indicted 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 (e) and
 - g. have not within a three-year period preceding this AGREEMENT had one or more public transactions (Federal, State or local) terminated for cause or default.
10. To pay its subconsultants for satisfactory performance no later than 30 days from receipt of each payment from the LPA.
11. To submit all invoices to the LPA within one year of the completion of the work called for in this AGREEMENT or any subsequent Amendment or Supplement.
12. To submit BLR 05613, Engineering Payment Report, to the STATE upon completion of the project (Exhibit B).
13. Scope of Services to be provided by the ENGINEER:
- Make such detailed surveys as are necessary for the planning and design of the PROJECT.
 - Make stream and flood plain hydraulic surveys and gather both existing bridge upstream and downstream high water data and flood flow histories.
 - Prepare applications for U.S. Army Corps of Engineers Permit, Illinois Department of Natural Resources Office of Water Resources Permit and Illinois Environmental Protection Agency Section 404 Water Quality Certification.
 - Design and/or approve cofferdams and superstructure shop drawings.
 - Prepare Bridge Condition Report and Preliminary Bridge Design and Hydraulic Report, (including economic analysis of bridge or culvert types and high water effects on roadway overflows and bridge approaches).
 - Prepare the necessary environmental and planning documents including the Project Development Report or Environmental Assessment, State Clearinghouse, Substate Clearinghouse and all necessary environmental clearances.
 - Make such soil surveys or subsurface investigations including borings and soil profiles as may be required to furnish sufficient data for the design of the proposed improvement. Such investigations to be made in accordance with the current Standard Specifications for Road and Bridge Construction, Bureau of Local Roads and Streets Administrative Policies, Federal-Aid Procedures for Local Highway Improvements or any other applicable requirements of the STATE.
 - Analyze and evaluate the soil surveys and structure borings to determine the roadway structural design and bridge foundation.
 - Prepare preliminary roadway and drainage structure plans and meet with representatives of the LPA and STATE at the site of the improvement for review of plans prior to the establishment of final vertical and horizontal alignment, location and size of drainage structures, and compliance with applicable design requirements and policies.
 - Make or cause to be made such traffic studies and counts and special intersection studies as may be required to furnish sufficient data for the design of the proposed improvement.
 - Complete the general and detailed plans, special provisions and estimate of cost. Contract plans shall be prepared in accordance with the guidelines contained in the Bureau of Local Roads and Streets manual. The special provisions and detailed estimate of cost shall be furnished in quadruplicate.
 - Furnish the LPA with survey and drafts in quadruplicate all necessary right-of-way dedications, construction easements and borrow pit and channel change agreements including prints of the corresponding plats and staking as required.

II. THE LPA AGREES,

1. To furnish the ENGINEER all presently available survey data and information
2. To pay the ENGINEER as compensation for all services rendered in accordance with this AGREEMENT, on the basis of the following compensation formulas:

Cost Plus Fixed Fee CPFF = 14.5%[DL + R(DL) + OH(DL) + IHDC], or
 CPFF = 14.5%[DL + R(DL) + 1.4(DL) + IHDC], or
 CPFF = 14.5%[(2.3 + R)DL + IHDC]

Where: DL = Direct Labor
 IHDC = In House Direct Costs
 OH = Consultant Firm's Actual Overhead Factor
 R = Complexity Factor

Specific Rate (Pay per element)

Lump Sum _____

3. To pay the ENGINEER using one of the following methods as required by 49 CFR part 26 and 605 ILCS 5/5-409:

With Retainage

- a) **For the first 50% of completed work**, and 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 90% of the value of the partially completed work minus all previous partial payments made to the ENGINEER.
- b) **After 50% of the work is completed**, and upon receipt of monthly invoices from the ENGINEER and the approval thereof by the LPA, monthly payments covering work performed shall be due and payable to the ENGINEER, such payments to be equal to 95% of the value of the partially completed work minus all previous partial payments made to the ENGINEER.
- c) **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 the STATE, a sum of money equal to the basic fee as determined in this AGREEMENT less the total of the amounts of partial payments previously paid to the ENGINEER shall be due and payable to the ENGINEER.

Without Retainage

- 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 STATE, a sum of money equal to the basic fee as determined in this AGREEMENT less the total of the amounts of partial payments previously paid to the ENGINEER shall be due and payable to the ENGINEER.

4. The recipient shall not discriminate on the basis of race, color, national origin or sex in the award and performance of any 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 DOT-assisted contracts. The recipient's DBE program, as required by 49 CFR part 26 and as approved by 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 (31U.S.C. 3801 et seq.).
5. To certify by execution of this AGREEMENT that the selection of the ENGINEER was performed in accordance with the Local Government Professional Services Selection Act 50 ILCS 510, the Brooks Act 40USC 11, and Procurement, Management, and Administration of Engineering and Design related Services (23 CFR part 172). Exhibit C is required to be completed with this agreement.

III. IT IS MUTALLY AGREED,

1. That no work shall be commenced by the ENGINEER prior to issuance by the LPA of a written Notice to Proceed.
2. That tracings, 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 and other data prepared or obtained in accordance with this AGREEMENT shall be made available, upon request, to the LPA or to the STATE, without restriction or limitation as to their use.

3. That all reports, plans, estimates and special provisions furnished by the ENGINEER shall be in accordance with the current Standard Specifications for Road and Bridge Construction, Bureau of Local Roads and Streets Administrative Policies, Federal-Aid Procedures for Local Highway Improvements or any other applicable requirements of the STATE, it being understood that all such furnished documents shall be approved by the LPA and the STATE 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.
4. 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 not be construed to relieve the ENGINEER of any responsibility for the fulfillment of this agreement.
5. To maintain, for a minimum of 3 years after the completion of the contract, adequate books, records and supporting documents to verify the amounts, 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 STATE; 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 STATE for the recovery of any funds paid by the STATE under the contract for which adequate books, records and supporting documentation are not available to support their purported disbursement.
6. The payment by the LPA in accordance with numbered paragraph 3 of Section II will be considered payment in full for all services rendered in accordance with this AGREEMENT whether or not they be actually enumerated in this AGREEMENT.
7. 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 save harmless the LPA, the STATE, and their officers, agents and employees from all suits, claims, actions or damages of any nature whatsoever resulting there from. These indemnities shall not be limited by the listing of any insurance policy.
8. 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 material becomes the property of the LPA. The LPA will be responsible for reimbursement of all eligible expenses to date of the written notice of termination.
9. This certification is required by the Drug Free Workplace Act (30ILCS 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 State 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 or grant payments, termination of a contract or grant and debarment of the contracting or grant opportunities with the State for at least one (1) year but no more than five (5) years.

For the purpose of this certification, "grantee" or "contractor" means a corporation, partnership or other 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 a contract or grant of \$5,000 or more from the State, as defined in 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 the 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 five (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 of maintaining 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 by,
- 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.
- g. Making a good faith effort to continue to maintain a drug free workplace through implementation of the Drug Free Workplace Act.

10. 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 DOT assisted contracts. 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.
11. When the ENGINEER is requested to complete work outside the scope of the original AGREEMENT, a supplemental AGREEMENT will be required. Supplements will also be required for the addition or removal of subconsultants, direct costs, the use of previously unspecified staff, and other material changes to the original AGREEMENT.

Agreement Summary

| Prime Consultant: | TIN Number | Agreement Amount |
|--------------------------|------------|------------------|
| Patrick Engineering Inc. | 36-3008281 | \$19,126.00 |
| | | |
| Sub-Consultants: | TIN Number | Agreement Amount |
| | | |
| | | |
| | | |
| | | |
| Sub-Consultant Total: | | 0 |
| Prime Consultant Total: | | \$19,126 |
| Total for all Work: | | \$19,126 |

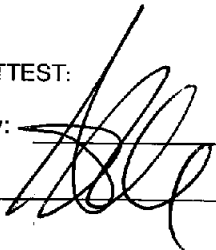
Executed by the LPA:

Village of Northfield

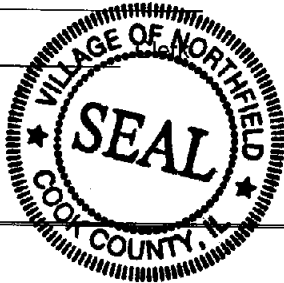
(Municipality/Township/County)

ATTEST:

By: _____



(SEAL)



By: _____

Title: _____

[Handwritten Signature]
 Village President

Executed by the ENGINEER:

ATTEST:

By: _____

Title: _____

By: _____

Title: _____

Exhibit A - Preliminary Engineering

Route: Happ Road
 Local Agency: Village of Northfield
(Municipality/Township/County)
 Section: 16-00054-00-PV
 Project: Happ Road
 Job No.: _____

*Firm's **approved rates** on file with IDOT'S Bureau of Accounting and Auditing:

Overhead Rate (OH) 150.19 %
 Complexity Factor (R) 0.00
 Calendar Days 90

Method of Compensation:

- Cost Plus Fixed Fee 1 14.5%[DL + R(DL) + OH(DL) + IHDC]
- Cost Plus Fixed Fee 2 14.5%[DL + R(DL) + 1.4(DL) + IHDC]
- Cost Plus Fixed Fee 3 14.5%[(2.3 + R)DL + IHDC]
- Specific Rate
- Lump Sum

Cost Estimate of Consultant's Services in Dollars

| Element of Work | Employee Classification | Man-Hours | Payroll Rate | Payroll Costs (DL) | Overhead* | Services by Others | In-House Direct Costs (IHDC) | Profit | Total |
|-------------------|-------------------------|-----------|--------------|--------------------|-----------|--------------------|------------------------------|--------|-------|
| BDE 3604 Attached | | | | | | | | | |
| Totals | | 0.00 | | | | | | | |

Note: The Department of Transportation is requesting disclosure of information that is necessary to accomplish the statutory purpose as outlined under state and federal law. Disclosure of this information is REQUIRED and shall be deemed as concurring with the payment amount specified above.

For information about IDOT's collection and use of confidential information review the department's Identity Protection Policy.

Exhibit C Federal Qualification Based Selection (QBS) Checklist

Local Public Agency _____
 Section Number _____
 Project Number _____
 Job Number _____

The LPA must complete Exhibit C, if federal funds are used for this engineering agreement and the value will exceed \$25,000. The LPA must follow federal small purchase procedures, if federal funds are used and the engineering agreement has a value less than \$25,000.

Form Not Applicable (engineering services less than \$25,000)

| | | | |
|-----|--|-----------|---------------------------|
| 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"/> Yes <input type="checkbox"/> No | | |
| 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 <i>BLRS Manual</i> ? <input type="checkbox"/> Yes <input type="checkbox"/> No If no, IDOT's approval date: _____ | | |
| 3. | Was the scope of services for this project clearly defined? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| 4. | Was public notice given for this project? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Due date of submittal: _____ Method(s) used for advertisement and dates of advertisement: _____ | | |
| 5. | Do the written QBS policies and procedures cover conflicts of interest? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| 6. | Do the written QBS policies and procedures use covered methods of verification for suspension and debarment? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| 7. | Do the written QBS policies and procedures discuss the method of evaluation? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | Criteria for this project | Weighting | Criteria for this project |
| | _____ | _____ % | _____ |
| | _____ | _____ % | _____ |
| | _____ | _____ % | _____ |
| | _____ | _____ % | _____ |
| 8. | Do the written QBS policies and procedures discuss the method of selection? <input type="checkbox"/> Yes <input type="checkbox"/> No Selection committee (titles) for this project: _____ Top three consultants selected for this project in order: 1) _____ 2) _____ 3) _____ If less than 3 responses were received, IDOT's approval date: _____ | | |
| 9. | Was an estimated cost of engineering for this project developed in-house prior to contract negotiation? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| 10. | Were negotiations for this project performed in accordance with federal requirements? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| 11. | Were acceptable costs for this project verified? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> LPA will rely on IDOT review and approval of costs. | | |
| 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"/> Yes <input type="checkbox"/> No | | |

13. Do the written QBS policies and procedures cover ongoing and finalizing administration of the project (monitoring, evaluation, closing-out a contract, record retention, responsibility, remedies to violations or breaches to a contract, and resolution of disputes)? Yes No

Phase I Engineering and Environmental Study

This document describes the additional scope of work associated with Phase I Engineering and Environmental Study for Happ Road from Winnetka Road to Willow Road in the Village of Northfield.

Task Headings used to correspond with the original Agreement.

Per direction given by the Cook County Department of Transportation and Highways (CCDOTH), the following additional services were requested:

Work Task 5 – Alternative Geometric Studies

Per the Alternatives design review meeting held October 24, 2017, the Happ Road and Winnetka Road intersection was to be designed per a WB-55 design vehicle. However; upon further review by CCDOTH, the traffic data, land use, and roadway network south of Winnetka Road on Happ Road do not indicate the need to design those movements for WB-55 trucks.

The proposed geometry for the intersection of Happ Road and Winnetka Road will be revised from a design based on WB-55 vehicles to BUS-40 design vehicle.

The proposed geometry will be revised showing the intersection as required to accommodate all turns to and from the south using a school bus as the design vehicle. This will include: tightening the radii on the SE and SW corners, aligning the north/south left turn lanes on Happ through the Winnetka intersection, and better aligning the east/west left turn lanes. With this change, the southbound movement will open up to two through lanes at some point south of Winnetka Road.

Patrick to evaluate eliminating split phasing once north/south left turn lanes are aligned.

The revised intersection geometry will reduce the roadway pavement area, minimize pedestrian roadway crossing distances, and minimize potential area in which pedestrian-vehicle conflicts could occur. The revised geometry will also minimize the right-of-way (ROW) acquisition at the intersection. The potential elimination of split phasing at the traffic signal improves the operations and safety of the intersection.

Work Task 6 – Roadway Drainage

The proposed drainage will be updated at the intersection to accommodate the new roadway pavement areas.

Work Task 8 - Intersection Design Studies

Revise the Intersection Design Study (IDS) for the Happ Road and Winnetka Road intersection. The revision will include revised intersection geometry, adding profiles per GIS contours provided by CCDOTH, revised truck turning movement templates, and updates to the tables (including design exception)

Work Task 10 – Project Development Report

The Project Development Report (PDR) will be updated to reflect the proposed geometry at the intersection, updated easement/ROW required, updating the documentation in changing the design vehicle and updating the design exceptions for the intersections

Patrick Engineering Inc.
Happ Road; Willow Road to Winnetka Road
Village of Northfield
Scope of Work

Page 2
4/30/19

Work Task 12 – Meeting and Coordination

Additional coordination was required with CCDOTH to document the change to the design criteria and accommodation requested.

Work Task 13 – Admin and QA/QC

Administration tasks include project management and invoicing. All submittals will be checked per Patrick's Quality Assurance/Quality Control Policy.

PAYROLL ESCALATION TABLE ANNIVERSARY RAISES

FIRM NAME
PRIME/SUPPLEMENT
Prepared By

Patrick Engineering Inc.
SUPPLEMENT
PEI

DATE 04/30/19
PTB-ITEM # 0

CONTRACT TERM 3 MONTHS
START DATE 5/1/2018
RAISE DATE ANNIVERSARY

OVERHEAD RATE 160.19%
COMPLEXITY FACTOR 0
% OF RAISE 3.00%

ESCALATION PER YEAR

DETERMINE THE MID POINT OF THE AGREEMENT

1.5

CACULATE THE ESCALATION FACTOR TO THE MIDPOINT OF THE CONTRACT

0.38%

The total escalation for this project would be: 0.38%

PAYROLL RATES

FIRM NAME Patrick Engineering Inc. **DATE** 04/30/19
PRIME/SUPPLEMENT SUPPLEMENT
PTB-ITEM # 0

ESCALATION FACTOR **0.38%**

Note: Rates should be capped on the AVG 1 tab as necessary

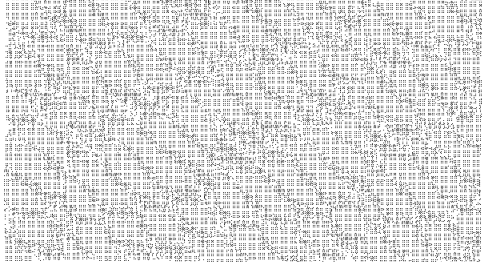
| CLASSIFICATION | IDOT PAYROLL RATES ON FILE | CALCULATED RATE |
|--------------------------|----------------------------------|-----------------|
| Principle | \$70.00 | \$70.26 |
| Project Manager/Director | \$70.00 | \$70.26 |
| Project Engineer 3/4 | \$59.79 | \$60.01 |
| Project Engineer 1/2 | \$46.00 | \$46.17 |
| Staff Engineer 3 | \$41.25 | \$41.40 |
| Staff Engineer 2 | \$34.68 | \$34.81 |
| Staff Engineer 1 | \$29.58 | \$29.69 |
| Administrative Assistant | \$24.82 | \$24.91 |

Subconsultants

FIRM NAME Patrick Engineering Inc.
PRIME/SUPPLEMENT SUPPLEMENT
PTB-ITEM # 0

DATE 04/30/19

| NAME | Direct Labor Total | Contribution to Prime Consultant |
|------|--------------------|----------------------------------|
|------|--------------------|----------------------------------|



Total 0.00 0.00

AVERAGE HOURLY PROJECT RATES

FIRM Patrick Engineering Inc.
PTB-ITEM# 0
PRIME/SUPPLEMENT SUPPLEMENT

DATE 04/30/19

SHEET 1 OF 5

| PAYROLL CLASSIFICATION | AVG HOURLY RATES | TOTAL PROJ. RATES | | | Data Collection | | | Aerial Mosaics | | | Survey | | | Crash Analysis | | | Alt Geo Studies | | |
|--------------------------|------------------|-------------------|---------|----------|-----------------|---------|----------|----------------|---------|----------|--------|---------|----------|----------------|---------|----------|-----------------|---------|----------|
| | | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg |
| Principle | 70.00 | 0.0 | | | | | | | | | | | | | | | | | |
| Project Manager/Director | 70.00 | 14.0 | 9.72% | 6.81 | | | | | | | | | | | | | | | |
| Project Engineer 3/4 | 60.00 | 8.0 | 5.56% | 3.33 | | | | | | | | | | | | | | | |
| Project Engineer 1/2 | 46.17 | 52.0 | 36.11% | 16.67 | | | | | | | | | | | | | | | |
| Staff Engineer 3 | 41.40 | 64.0 | 44.44% | 18.40 | | | | | | | | | | | | | | | |
| Staff Engineer 2 | 34.81 | 0.0 | | | | | | | | | | | | | | | | | |
| Staff Engineer 1 | 29.69 | 0.0 | | | | | | | | | | | | | | | | | |
| Administrative Assistant | 24.91 | 6.0 | 4.17% | 1.04 | | | | | | | | | | | | | | | |
| | | 0.0 | | | | | | | | | | | | | | | | | |
| | | 0.0 | | | | | | | | | | | | | | | | | |
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| | | 0.0 | | | | | | | | | | | | | | | | | |
| | | 0.0 | | | | | | | | | | | | | | | | | |
| | | 0.0 | | | | | | | | | | | | | | | | | |
| TOTALS | | 144.0 | 100% | \$46.25 | 0.0 | 0.00% | \$0.00 | 0.0 | 0% | \$0.00 | 0.0 | 0% | \$0.00 | 0.0 | 0% | \$0.00 | 88.0 | 100% | \$46.17 |

6A&B

Agenda Item Number

VILLAGE OF NORTHFIELD REGULAR BOARD MEETING SUMMARY SHEET

| | |
|--|---|
| Meeting Date: <u>May 21, 2019</u> | <input type="checkbox"/> Ordinance |
| Subject: <u>Amendment to Intergovernmental Agreement</u> | <input type="checkbox"/> Resolution |
| | <input checked="" type="checkbox"/> Agreement |
| Submitted By: <u>Stacy Alberts Sigman, Village Manager</u> | <input type="checkbox"/> Information |
| Department: <u>Village Managers Office</u> | <input type="checkbox"/> Other: |

Details:

7A - Patrick Contract Amendment. During Cook County's last review of the Happ Road Phase I plans, they decided to reduce the pavement area at the Happ Road and Winnetka Road intersection to minimize right-of-way acquisition. This will require additional work by Patrick Engineering at a cost of \$19,126. The change was requested by Cook County and their staff has reviewed the requested fee changes and believes it is appropriate. The detailed supplemental scope of additional services with payroll rates and hours is attached. As explained below, Cook County will reimburse the Village for this cost.

7B - Cook County Intergovernmental Agreement (IGA) Amendment. The Village of Northfield is the lead agency for the Happ Road Phase I project; however, based on an existing IGA, Cook County reimburses us 100% of the project costs. A second amendment to the original IGA has been drafted to cover the reimbursement of the additional services set forth above. As you can see on the attached, the proposed amendment increases the total County funding/reimbursement from the current \$524,915.87 to \$544,041.87 which is \$19,126 higher than the amended IGA.

Executive Action:

- A. A motion to approve an amendment to our Patrick Engineering contract, in the amount of \$19,126, for additional services**
- B. A motion to approve a resolution authorizing the execution of a Second Amendment to the IGA with Cook County for the Happ Road Phase I Study.**