



Local Public Agency Engineering Services Agreement

Using Federal Funds? Yes No

 Agreement For

 Agreement Type

LOCAL PUBLIC AGENCY			
Local Public Agency	County	Section Number	Job Number
<input type="text" value="Village of Northfield"/>	<input type="text" value="Cook"/>	<input type="text" value="16-00054-00-PV"/>	<input type="text"/>
Project Number	Contact Name	Phone Number	Email
<input type="text" value="D-91-047-22"/>	<input type="text" value="Stacy Sigman"/>	<input type="text" value="(847) 446-9200"/>	<input type="text" value="ssigman@northfieldil.org"/>

SECTION PROVISIONS			
Local Street/Road Name	Key Route	Length	Structure Number
<input type="text" value="Happ Road"/>	<input type="text" value="FAU 1242"/>	<input type="text" value="3,330'"/>	<input type="text" value="N/A"/>
Location Termini			<input type="button" value="Add Location"/>
<input type="text" value="Winnetka Road to Willow Road"/>			<input type="button" value="Remove Location"/>
Project Description			
<input type="text" value="Roadway reconstruction, add center bi-directional turn lanes, intersection improvements, roundabout, bikepath"/>			

Engineering Funding Federal MFT/TBP State Other

Anticipated Construction Funding Federal MFT/TBP State Other

AGREEMENT FOR

Phase I - Preliminary Engineering Phase II - Design Engineering

CONSULTANT			
Consultant (Firm) Name	Contact Name	Phone Number	Email
<input type="text" value="Patrick Engineering Inc."/>	<input type="text" value="Jarrod Cebulski"/>	<input type="text" value="(630) 795-7468"/>	<input type="text" value="jcebulski@patrickco.com"/>
Address		City	State Zip Code
<input type="text" value="4970 Varsity Drive"/>		<input type="text" value="Lisle"/>	<input type="text" value="IL"/> <input type="text" value="60532"/>

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 Transportation	Deputy Director, Office of Highways Project Implementation, Regional Engineer, Department of
Resident Construction Supervisor construction PROJECT	Authorized representative of the LPA in immediate charge of the engineering details of the
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: Direct Costs Check Sheet
- EXHIBIT D: Qualification Based Selection (QBS) Checklist
- EXHIBIT E: Cost Plus Fixed Fee Cost Estimate of Consultant Services Worksheet (BLR 05513 or BLR 05514)
- _____
- _____
- _____

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 for Preliminary and/or Design Engineering: 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. To submit a completed BLR 05613, Engineering Payment Report, to the DEPARTMENT within three months of the completion of the work called for in this AGREEMENT or any subsequent Amendment or Supplement. The form shall be submitted with the final invoice.
8. 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 United States 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.
9. 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.
10. 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 affix 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).
11. 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 Exhibit C).

II. THE LPA AGREES,

1. To certify by execution of this AGREEMENT that the selection of the ENGINEER was performed in accordance with the following:
 - (a) Professional Services Selection Act (50 ILCS 510), The Brooks Act (40 USC 11), and the Procurement, Management, and Administration of Engineering, and Design Related Services (23 CFR part 172). Exhibit D is required to be completed with this AGREEMENT.
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.

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:

Lump Sum

Specific Rate

Cost plus Fixed Fee: Fixed

Total Compensation = DL + DC + OH + FF

Where:

DL is the total Direct Labor,

DC is the total Direct Cost,

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

FF is the Fixed Fee.

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

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

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

6. To certify by execution of the 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 40 USC 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 MUTUALLY AGREED,

1. No work shall be commenced by the ENGINEER prior to issuance by the IDOT of a written Notice to Proceed.

2. 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.

3. 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 DEPARTMENT, and their officers, agents, and employees from all suits, claims, actions or damage 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.

4. 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 incurred under the terms of this AGREEMENT up to the date of the written notice of termination.

5. 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 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.

6. This AGREEMENT shall continue as an open contract and the obligations created herein shall remain in full force and effect until

(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 project. 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.

11. 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.).

12. 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	TIN/FEIN/SS Number	Agreement Amount
Patrick Engineering Inc.	36-3008281	\$63,258.00

Subconsultants	TIN/FEIN/SS Number	Agreement Amount
- Gewalt Hamilton	36-3426053	\$34,806.00
- Santacruz	36-3851733	\$64,800.00
-		
-		
-		
Subconsultant Total		\$99,606.00
Prime Consultant Total		\$63,258.00
Total for all work		\$162,864.00

Add Subconsultants

AGREEMENT SIGNATURES

Executed by the LPA:

Attest: The Local Public Agency Type of Name of Local Public Agency

By (Signature & Date)

By (Signature & Date)

Name of Local Public Agency Local Public Agency Type Clerk

Title

(SEAL)

Executed by the ENGINEER:

Attest: Consultant (Firm) Name

By (Signature & Date)

Title

By (Signature & Date)

Title

Local Public Agency

Village of Northfield

County

Cook

Section Number

16-00054-00-PV

FOR FEDERAL PARTICIPATION PROJECTS

**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 for Supplements 1A and 1B.

Local Public Agency

County

Section Number

Village of Northfield

Cook

16-00054-00-PV

**EXHIBIT B
PROJECT SCHEDULE**

No change to the project schedule in the Prime Agreement.

Local Public Agency

County

Section Number

Village of Northfield

Cook

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**Exhibit C
Direct Costs Check Sheet**

List ALL direct costs required for this project. Those not listed on the form will not be eligible for reimbursement by the LPA on this project.

Item	Allowable	Quantit	Contract Rate	Total
<input type="checkbox"/> Lodging (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual cost (Up to state rate maximum)			\$0.00
<input type="checkbox"/> Lodging Taxes and Fees (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual Cost			\$0.00
<input type="checkbox"/> Air Fare	Coach rate, actual cost, requires minimum two weeks' notice, with prior IDOT approval			\$0.00
<input type="checkbox"/> Vehicle Mileage (per GOVERNOR'S TRAVEL CONTROL BOARD)	Up to state rate maximum			\$0.00
<input type="checkbox"/> Vehicle Owned or Leased	\$32.50/half day (4 hours or less) or \$65/full day			\$0.00
<input type="checkbox"/> Vehicle Rental	Actual cost (Up to \$55/day)			\$0.00
<input type="checkbox"/> Tolls	Actual cost			\$0.00
<input type="checkbox"/> Parking	Actual cost			\$0.00
<input type="checkbox"/> Overtime	Premium portion (Submit supporting documentation)			\$0.00
<input type="checkbox"/> Shift Differential	Actual cost (Based on firm's policy)			\$0.00
<input type="checkbox"/> Overnight Delivery/Postage/Courier Service	Actual cost (Submit supporting documentation)			\$0.00
<input type="checkbox"/> Copies of Deliverables/Mylars (In-house)	Actual cost (Submit supporting documentation)			\$0.00
<input type="checkbox"/> Copies of Deliverables/Mylars (Outside)	Actual cost (Submit supporting documentation)			\$0.00
<input type="checkbox"/> Project Specific Insurance	Actual Cost			\$0.00
<input type="checkbox"/> Monuments (Permanent)	Actual Cost			\$0.00
<input type="checkbox"/> Photo Processing	Actual Cost			\$0.00
<input type="checkbox"/> 2-Way Radio (Survey or Phase III Only)	Actual Cost			\$0.00
<input type="checkbox"/> Telephone Usage (Traffic System Monitoring Only)	Actual Cost			\$0.00
<input type="checkbox"/> CADD	Actual cost (Max \$15/hour)			\$0.00
<input type="checkbox"/> Web Site	Actual cost (Submit supporting documentation)			\$0.00
<input type="checkbox"/> Advertisements	Actual cost (Submit supporting documentation)			\$0.00
<input type="checkbox"/> Public Meeting Facility Rental	Actual cost (Submit supporting documentation)			\$0.00
<input type="checkbox"/> Public Meeting Exhibits/Renderings & Equipment	Actual cost (Submit supporting documentation)			\$0.00
<input type="checkbox"/> Recording Fees	Actual Cost			\$0.00
<input type="checkbox"/> Transcriptions (specific to project)	Actual Cost			\$0.00
<input type="checkbox"/> Courthouse Fees	Actual Cost			\$0.00
<input type="checkbox"/> Storm Sewer Cleaning and Televising	Actual cost (Requires 2-3 quotes with IDOT approval)			\$0.00
<input type="checkbox"/> Traffic Control and Protection	Actual cost (Requires 2-3 quotes with IDOT approval)			\$0.00
<input type="checkbox"/> Aerial Photography and Mapping	Actual cost (Requires 2-3 quotes with IDOT approval)			\$0.00
<input type="checkbox"/> Utility Exploratory Trenching	Actual cost (Requires 2-3 quotes with IDOT approval)			\$0.00
<input type="checkbox"/> Testing of Soil Samples	Actual Cost			\$0.00
<input type="checkbox"/> Lab Services	Actual Cost (Provide breakdown of each cost)			\$0.00
<input type="checkbox"/> Equipment and/or Specialized Equipment Rental	Actual Cost (Requires 2-3 quotes with IDOT approval)			\$0.00
<input type="checkbox"/> Reproduction (8.5x11)				\$0.00
<input type="checkbox"/> Reproduction (11x17)				\$0.00
<input type="checkbox"/> Reproduction (24x36)				\$0.00
<input type="checkbox"/>				\$0.00
<input type="checkbox"/>				\$0.00
Total Direct Costs				\$0.00

Local Public Agency

County

Section Number

Village of Northfield

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**Exhibit D
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)

If yes Due date of submittal

Method(s) used for advertisement and dates of advertisement

SCOPE OF SERVICES

Phase II Engineering

Supplement #1A

Happ Road, Winnetka Road to Willow Road

Village of Northfield

Patrick Engineering Inc.

March 6, 2023

PROJECT SCOPE

The Village of Northfield (Lead Agency for Phase II) in conjunction with the Cook County Department of Transportation and Highways (CCDOH) proposes to improve Happ Road from Winnetka Road to Willow Road. The project will include traffic signal modernization at Winnetka Road, traffic signal modifications at Willow Road, and a modern 5-leg oval roundabout at Orchard Lane. Since federal funds will be used, coordination is required with the IDOT Bureau of Local Roads & Streets.

1.0 TOPOGRAPHIC SURVEY

No additional effort required.

2.0 GEOTECHNICAL AND ENVIRONMENTAL SERVICES

No additional effort required.

3.0 ROADWAY DESIGN

No additional effort required.

4.0 CONSTRUCTION STAGING AND MAINTENANCE OF TRAFFIC

No additional effort required.

5.0 DRAINAGE SYSTEM DESIGN / EROSION AND SEDIMENT CONTROL

No additional effort required.

6.0 TRAFFIC SIGNAL AND LIGHTING PLANS

No additional effort required.

7.0 PERMITTING

No additional effort required.

8.0 RIGHT-OF-WAY (ROW) AND PLAT OF HIGHWAYS

Additional effort is needed to coordinate plats of highway and develop proposed ROW and easement linework for additional parcels for three reasons:

- During Phase I, information revealed an 80' ROW along Happ Road. Based on further detailed investigations during Phase II, a 66' ROW was identified in some areas.

- During Phase I, it was assumed that a bicycle barrier would be provided in some areas between the bikepath and the roadway. During Phase II, it was decided to increase the distance between the bikepath and the roadway to eliminate this barrier.
- During Phase I, it was assumed that Village-owned property could be utilized for the project without the need for land acquisition transaction. During Phase II, it was determined that CCDOTH right-of-way be established on these parcels.

Based on the above, eight (8) additional ROW parcels are being added to the project. (48 hours)

9.0 UTILITY COORDINATION

No additional effort required.

10.0 AESTHETICS

No additional effort required.

11.0 COORDINATION

No additional effort required.

12.0 PROJECT MANAGEMENT AND CONTRACT ADMINISTRATION

Additional project management and contract administration effort commensurate with the supplemental scope of work. (4 hours)

13.0 QUALITY

Additional quality effort commensurate with the supplemental scope of work. (2 hours)

14.0 PHASE III COORDINATION

No additional effort required.

Total Supplemental Hours = 48 + 4 + 2 = 54 hours



Local Public Agency: Village of Northfield
 County: Cook
 Section Number: 16-00054-00-PV

Consultant (Firm) Name: Patrick Engineering
 Prepared By: Jarrod Cebulski
 Date: 5/31/2021

PAYROLL ESCALATION TABLE

CONTRACT TERM: 14 MONTHS
 START DATE: 12/1/2022
 RAISE DATE: 3/1/2023
 END DATE: 1/31/2024

OVERHEAD RATE: 148.96%
 COMPLEXITY FACTOR: 0
 % OF RAISE: 2.00%

ESCALATION PER YEAR

Year	First Date	Last Date	Months	% of Contract
0	12/1/2022	3/1/2023	3	21.43%
1	3/2/2023	2/1/2024	11	80.14%

The total escalation = 1.57%

Gewalt Hamilton

Scope of Services – Happ Road Phase II – Plat of Highways

Supplemental scope includes additional office, field, drafting, QAQC and project management for updating the current draft Plat of Highways to address / include the following items that require the changes:

Include eight (8) additional parcels resulting from:

- Change in ROW width per record documents from 80-ft to 66-ft in some locations
- Additional parcels that are Village owned to reflect a consistent Cook County DOTH ROW for the entire corridor.
- Additional Temporary Easements (TE) necessary to accommodate relocated multi-use path to meet IDOT required setback from edge of traveled way.

Anticipated Schedule – Happ Road Phase II – Plat of Highways

Upon authorization of the Supplement GHA anticipates the following schedule:

Title Commitments anticipated receipt on November 7-11.

1 week for supplemental field work to locate improvements that must be shown on POH, including buildings and side lot lines / rear corners for new parcels.

1 week for review of Title Commitments and completion of boundary calculations.

2 weeks for drafting and QA/QC of POH.

Submittal to IDOT / CCDOTH for review 1 month after receipt of authorization to proceed and receipt of Title Commitments.



Local Public Agency
Village of Northfield

County
Cook

Section Number
16-00054-00-PV

Prime Consultant (Firm) Name
Patrick Engineering

Prepared By
Dan Brinkman

Date
10/24/2022

Consultant / Subconsultant Name
Gewalt Hamilton Associates, Inc.

Job Number
[Redacted]

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

Remarks

Happ Road Phase II Plat of Highways - Supplemental CECS

PAYROLL ESCALATION TABLE

CONTRACT TERM	11 MONTHS	OVERHEAD RATE	165.81%
START DATE	11/15/2022	COMPLEXITY FACTOR	
RAISE DATE	5/15/2023	% OF RAISE	2.00%
END DATE	10/14/2023		

ESCALATION PER YEAR

Year	First Date	Last Date	Months	% of Contract
0	11/15/2022	5/15/2023	6	54.55%
1	5/16/2023	10/15/2023	5	46.36%

The total escalation = 0.91%

Local Public Agency

Village of Northfield

Consultant / Subconsultant Name

Gewalt Hamilton Associates, Inc.

County

Cook

Section Number

16-00054-00-PV

Job Number

**AVERAGE HOURLY PROJECT RATES
EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET**

SHEET 1 OF 1

PAYROLL CLASSIFICATION	AVG HOURLY RATES	TOTAL PROJ. RATES			Topographic & ROW Survey			Plat of Highways											
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg						
Principal	78.00	0.0																	
CEVI	75.68	0.0																	
CEV	70.89	8.0	4.00%	2.84	4	9.09%	6.44	4	2.56%	1.82									
CEIV	58.02	0.0																	
CEIII	44.40	0.0																	
CEII	40.15	0.0																	
CEI	33.51	0.0																	
LSIV	53.36	80.0	40.00%	21.34															
LSIII	44.21	40.0	20.00%	8.84	40	90.91%	40.19	80	51.28%	27.36									
LSI	23.71	0.0																	
GISP III	61.55	0.0																	
ETV	63.83	0.0																	
ETIV	40.58	0.0																	
ETIII	34.14	72.0	36.00%	12.29				72	46.15%	15.76									
ETII	31.79	0.0																	
ETI	24.72	0.0																	
ADI	26.20	0.0																	
Environmental Consultant I	31.28	0.0																	
		0.0																	
		0.0																	
		0.0																	
		0.0																	
		0.0																	
		0.0																	
		0.0																	
		0.0																	
TOTALS		200.0	100%	\$45.31	44.0	100.00%	\$46.63	156.0	100%	\$44.94	0.0	0%	\$0.00	0.0	0%	\$0.00	0.0	0%	\$0.00

Local Public Agency

Village of Northfield

Consultant / Subconsultant Name

Gewalt Hamilton Associates, Inc.

County

Cook

Section Number

16-00054-00-PV

Job Number

DIRECT COSTS WORKSHEET

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

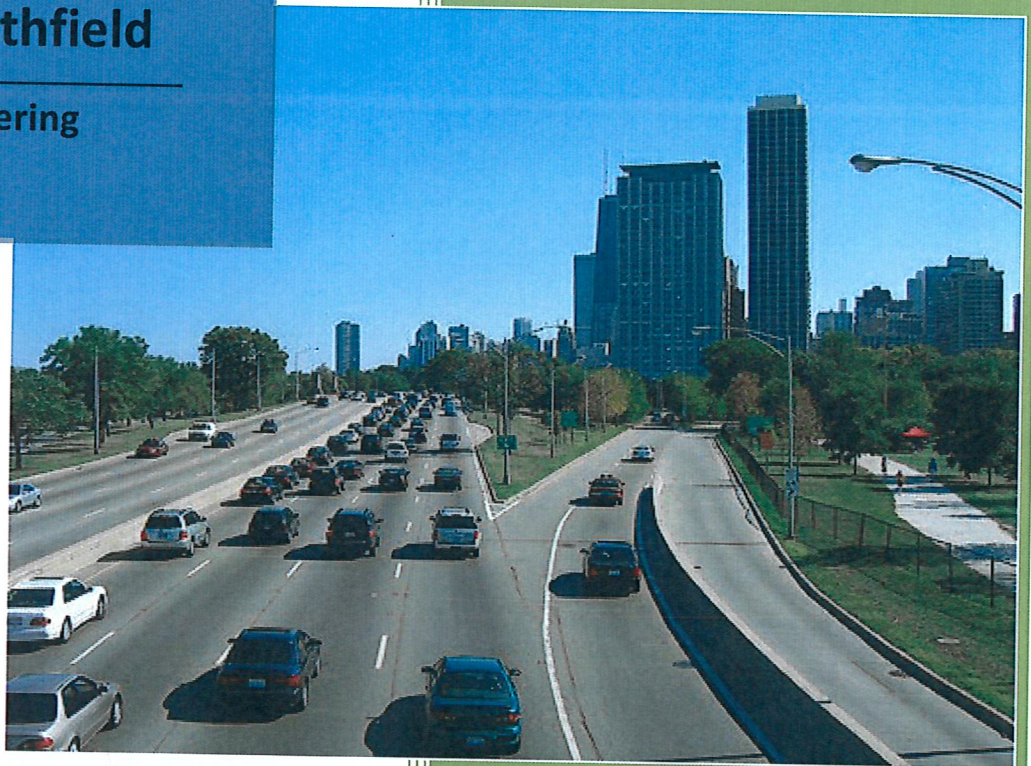
ITEM	ALLOWABLE	QUANTITY	CONTRACT RATE	TOTAL
Lodging (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual Cost (Up to state rate maximum)			\$0.00
Lodging Taxes and Fees (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual Cost			\$0.00
Air Fare	Coach rate, actual cost, requires minimum two weeks' notice, with prior IDOT approval			\$0.00
Vehicle Mileage (per GOVERNOR'S TRAVEL CONTROL BOARD)	Up to state rate maximum	100	\$0.58	\$57.50
Vehicle Owned or Leased	\$32.50/half day (4 hours or less) or \$65/full day	10	\$65.00	\$650.00
Vehicle Rental	Actual Cost (Up to \$55/day)			\$0.00
Tolls	Actual Cost			\$0.00
Parking	Actual Cost			\$0.00
Overtime	Premium portion (Submit supporting documentation)			\$0.00
Shift Differential	Actual Cost (Based on firm's policy)			\$0.00
Overnight Delivery/Postage/Courier Service	Actual Cost (Submit supporting documentation)			\$0.00
Copies of Deliverables/Mylars (In-house)	Actual Cost (Submit supporting documentation)			\$0.00
Copies of Deliverables/Mylars (Outside)	Actual Cost (Submit supporting documentation)	4	\$5.00	\$20.00
Project Specific Insurance	Actual Cost			\$0.00
Monuments (Permanent)	Actual Cost	8	\$25.00	\$200.00
Photo Processing	Actual Cost			\$0.00
2-Way Radio (Survey or Phase III Only)	Actual Cost			\$0.00
Telephone Usage (Traffic System Monitoring Only)	Actual Cost			\$0.00
CADD	Actual Cost (Max \$15/hour)			\$0.00
Web Site	Actual Cost (Submit supporting documentation)			\$0.00
Advertisements	Actual Cost (Submit supporting documentation)			\$0.00
Public Meeting Facility Rental	Actual Cost (Submit supporting documentation)			\$0.00
Public Meeting Exhibits/Renderings & Equipment	Actual Cost (Submit supporting documentation)			\$0.00
Recording Fees	Actual Cost			\$0.00
Transcriptions (specific to project)	Actual Cost			\$0.00
Courthouse Fees	Actual Cost			\$0.00
Storm Sewer Cleaning and Televising	Actual Cost (Requires 2-3 quotes with IDOT approval)			\$0.00
Traffic Control and Protection	Actual Cost (Requires 2-3 quotes with IDOT approval)			\$0.00
Aerial Photography and Mapping	Actual Cost (Requires 2-3 quotes with IDOT approval)			\$0.00
Utility Exploratory Trenching	Actual Cost (Requires 2-3 quotes with IDOT approval)			\$0.00
Testing of Soil Samples	Actual Cost			\$0.00
Lab Services	Actual Cost (Provide breakdown of each cost)			\$0.00
Equipment and/or Specialized Equipment Rental	Actual Cost (Requires 2-3 quotes with IDOT approval)			\$0.00
Title Commitments	Actual Cost (\$850.00)	8		\$0.00
				\$0.00
				\$0.00
				\$0.00
TOTAL DIRECT COSTS:				\$927.50

Santacruz Land Acquisitions

SUPPLEMENTAL PROPOSAL FOR LAND ACQUISITION SERVICES

Village of Northfield

Patrick Engineering



**Happ Road
from Winnetka Avenue
to Willow Road**

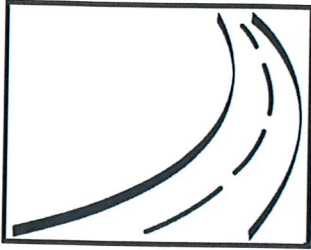
**Santacruz Land
Acquisitions**

222 Northfield Road · Suite 201
Northfield, IL 60093
www.santacruz-associates.com

Contact:

J. Steve Santacruz
847-868-9620

jsteve@santacruz-associates.com



SUMMARY

Santacruz Land Acquisitions has provided a proposal (the "Proposal") for the benefit of the Village of Northfield, the Local Public Agency ("LPA"), for land acquisition services necessary to complete the reconstruction of Happ Road from Winnetka Avenue to Willow Road (the "Project"). The Proposal was provided to Patrick Engineering, Engineer for the LPA, ("Consultant"). Since the original proposal was provided, revisions have been made to the Project necessitating a change to the Proposal. Those changes include added eight parcels for land acquisition to the Project.

COMPENSATION

Santacruz Land Acquisitions shall be entitled to the compensation as shown on the attached schedule. Our cost proposal, based on **eight (8) additional** projected parcels of right-of-way, is as follows:

<u>APPRAISALS:</u>	\$24,000.00.
<u>REVIEW APPRAISALS:</u>	\$12,000.00.
<u>NEGOTIATIONS:</u>	\$24,000.00.

As directed, Santacruz Land Acquisitions shall invoice the LPA or Consultant for any fees and charges related to the acquisitions including, without limitation, (i) the cost of the later date title commitments, (ii) the cost of title insurance policies obtained on the parcels to be acquired, (iii) the cost of recording any necessary documents to complete the conveyance and obtain clear title, (iv) lender's fees related to the processing of any partial releases needed to provide clear title, and (v) land trustee processing fees. Santacruz Land Acquisitions shall include **\$600.00** per parcel for these charges. Santacruz Land Acquisitions shall pay any such fees and charges in excess of the **\$600.00** per parcel allowance for which Santacruz Land Acquisitions shall be entitled to additional compensation in the amount of any such payments pursuant to a separate work order issued.

Based on the above, the *additional* land acquisition negotiation services provided herein are offered a cost not to exceed of **\$64,800.00** as follows:

Land Acquisition Services	\$60,000.00
Direct Billable Expenses	\$4,800.00

SCOPE OF SERVICES

Phase II Engineering

Supplement #1B

Happ Road, Winnetka Road to Willow Road

Village of Northfield

Patrick Engineering Inc.

March 6, 2023

PROJECT SCOPE

The Village of Northfield (Lead Agency for Phase II) in conjunction with the Cook County Department of Transportation and Highways (CCDOH) proposes to improve Happ Road from Winnetka Road to Willow Road. The project will include traffic signal modernization at Winnetka Road, traffic signal modifications at Willow Road, and a modern 5-leg oval roundabout at Orchard Lane. Since federal funds will be used, coordination is required with the IDOT Bureau of Local Roads & Streets.

1.0 TOPOGRAPHIC SURVEY

No additional effort required.

2.0 GEOTECHNICAL AND ENVIRONMENTAL SERVICES

No additional effort required.

3.0 ROADWAY DESIGN

Additional effort is needed for the redesign of the roadway segment between Orchard Lane and Willow Road to shift the west curb line to the east to provide more buffer space between the face of curb and the bikepath along the west side of the road. (40 hours)

Based on these modifications, a revised IDS is required for the Happ Road/Willow Road intersection. (32 hours)

In order to capture changes to the project from Phase I to Phase II, a Phase I Addendum is required. This will be a Tech Memo explaining all of the changes that have occurred from the IDOT-approved Phase I Study including the geometric changes and ROW revisions. The Tech Memo will provide justification for the changes and exhibits depicting what has changed. Reviews and coordination with IDOT is included. (88 hours)

Additional effort is also needed for development and inclusion of sidewalk and bikepath profiles in the plan set. (24 hours)

4.0 CONSTRUCTION STAGING AND MAINTENANCE OF TRAFFIC

Phase I anticipated a straightforward two-stage construction with a detour at the roundabout. The Phase II scope included investigation to eliminate the detour. After initial analysis and coordination meetings with the Village and CCDOH, to minimize impacts, the resulting MOT is of a greater complexity than originally anticipated. It now includes a one-way detour for the majority of the project south of Orchard Lane, and additional sheets for three stages with additional sub-stages for pre-and post-stage work in order to minimize impacts along the corridor and provide a safe means of maintaining traffic during construction. The planned detour route affects a State route so coordination with the IDOT Detour Committee will be required. (68 hours)

5.0 DRAINAGE SYSTEM DESIGN / EROSION AND SEDIMENT CONTROL

No additional effort required.

6.0 TRAFFIC SIGNAL AND LIGHTING PLANS

The Phase I scope included lighting plans for roadway and pedestrian lighting for the intersection of Happ Road at Winnetka Road and Happ Road from Willow Road to Mt. Pleasant Street including the Orchard Lane roundabout with no new lighting proposed between these intersections. During Phase II, additional effort is required for coordination of lighting needs between Mt. Pleasant Street and Winnetka Road between the Village and CCDOTH to add a light pole at each minor intersection in this middle segment. (88 hours)

Photometrics will also be prepared for the current lighting layout. (24 hours)

7.0 PERMITTING

No additional effort required.

8.0 RIGHT-OF-WAY (ROW) AND PLAT OF HIGHWAYS

No additional effort required.

9.0 UTILITY COORDINATION

No additional effort required.

10.0 AESTHETICS

No additional effort required.

11.0 COORDINATION

No additional effort required.

12.0 PROJECT MANAGEMENT AND CONTRACT ADMINISTRATION

Additional project management and contract administration effort commensurate with the supplemental scope of work. (16 hours)

13.0 QUALITY

Additional quality effort commensurate with the supplemental scope of work. (14 hours)

14.0 PHASE III COORDINATION

No additional effort required.

Total Supplemental Hours = $40 + 32 + 88 + 24 + 68 + 88 + 24 + 16 + 14 = 394$ hours



Local Public Agency: Village of Northfield
 County: Cook
 Section Number: 16-00054-00-PV
 Consultant (Firm) Name: Patrick Engineering
 Prepared By: Jarrod Cebulski
 Date: 5/31/2021

PAYROLL ESCALATION TABLE

CONTRACT TERM	14	MONTHS	OVERHEAD RATE	148.96%
START DATE	12/1/2022		COMPLEXITY FACTOR	0
RAISE DATE	3/1/2023		% OF RAISE	2.00%
END DATE	1/31/2024			

ESCALATION PER YEAR

Year	First Date	Last Date	Months	% of Contract
0	12/1/2022	3/1/2023	3	21.43%
1	3/2/2023	2/1/2024	11	80.14%

The total escalation = 1.57%

Local Public Agency
 Village of Northfield

County
 Cook

Section Number
 16-00054-00-PV

AVERAGE HOURLY PROJECT RATES

Exhibit E Cost Estimate of Consultant Services Worksheet Fixed Raise

SHEET 2 OF 3

PAYROLL CLASSIFICATION	AVG HOURLY RATES	Signals and Lighting			Permitting			ROW Services			Utility Coordination			Aesthetics			Coordination		
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg
Project Manager	78.00																		
Project Engineer 3/4	65.32	20	17.86%	11.66															
Project Engineer 1/2	48.73	36	32.14%	15.66															
Staff Engineer 3	45.41																		
Staff Engineer 2	39.70	40	35.71%	14.18															
Staff Engineer 1	33.84	16	14.29%	4.83															
CAD Designer	33.84																		
Technical Specialist	47.20																		
Technician	23.56																		
Administrative Assistant	30.27																		
TOTALS		112.0	100%	\$46.34	0.0	0%	\$0.00	0.0	0%	\$0.00	0.0	0%	\$0.00	0.0	0%	\$0.00	0.0	0%	\$0.00

