



Village of Mahomet

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www.mahomet-il.gov www.ChooseMahomet.com

STUDY SESSION

MAY 10, 2022

6:00 P.M.

VILLAGE OF MAHOMET ADMINISTRATION BUILDING

503 E. MAIN STREET

MAHOMET, IL 61853

We invite the public to view the meeting (viewing only, no public comment via Zoom) as it is livestreamed on Zoom at 6:00PM

Join Zoom Meeting

<https://us02web.zoom.us/j/88057225134?pwd=UWR4UXJxYXJBZDg2U1B4S3NkaUZiQT09>

AGENDA

1. **CALL TO ORDER**
2. **PLEDGE OF ALLEGIANCE**
3. **ROLL CALL**
4. **PUBLIC COMMENT:** The Board welcomes your input on any matter during the public forum portion of the meeting. If you would like to participate in the public comment portion of the meeting, please attend in person at Village Administration Building or email your comments or questions to us at villageofmahomet@mahomet-il.gov, no later than 4:30 p.m. on May 10th. Any comments and questions received will be read during the public comment portion of the meeting. Public comment is accepted for a maximum of 30 minutes at each meeting. There is a five (5) minute time limit for your remarks. The Board reserves the right to shorten the five-minute time limit if there are many commenters. Please be aware that the Public Body is not required to respond to your remarks during their meeting. **PUBLIC COMMENT NOT PERMITTED VIA VIDEO OR AUDIO.**
5. **ORDINANCES, RESOLUTIONS AND OTHER ACTIONS:**
 - A. **ENGINEERING**
 1. A RESOLUTION TO APPROVE AN ENGINEERING SERVICES AGREEMENT FROM HANSON PROFESSIONAL SERVICES FOR ENGINEERING DESIGN OF SOUTH MAHOMET ROAD FROM CHURCHILL RD TO PRAIRIEVIEW RD (INCLUDING PRELIMINARY ENGINEERING FOR PURNELL RD) FOR THE NOT-TO-EXCEED AMOUNT OF \$315,000.

B. TRANSPORTATION

1. A RESOLUTION APPROVING THE SOLE SOURCE PURCHASE OF A USED CATERPILLAR GP30N-GLE FORKLIFT IN THE AMOUNT OF \$24,750.00.
2. A RESOLUTION DECLARING CERTAIN VILLAGE PROPERTY AS SURPLUS AND AUTHORIZING ITS DISPOSAL.

C. POLICE

1. A RESOLUTION TO APPROVE AN AGREEMENT WITH FLOCK SAFETY TO OBTAIN TEN AUTOMATIC LICENSE PLATE READERS IN FY23 FOR A COST NOT TO EXCEED \$34,000.

6. ADMINISTRATOR'S REPORT

A. DEPARTMENTAL REPORTS

1. ENGINEERING
2. POLICE
3. WATER/WASTEWATER
4. TRANSPORTATION

B. TENTATIVE BUDGET DISCUSSION

7. MAYOR'S REPORT:

A. MAY 2022 MEETING CALENDAR

1. STUDY SESSION- MAY 17, 2022-6:00 P.M.
2. BOARD OF TRUSTEES – MAY 24, 2022 – 6:00 P.M.

- 8. NEW BUSINESS** (Discussion of any items that the Trustees may have for new business not listed on the agenda. No formal action will be taken on these items during this proceeding)

9. ADJOURNMENT



MEMORANDUM
TO THE
BOARD OF TRUSTEES

ITEM: Engineering Services for South Mahomet Road from Churchill Dr to Prairieview Rd (including preliminary engineering for Purnell Dr to Oak St)	DEPARTMENT: Engineering
AGENDA SECTION: Transportation	AMOUNT: Not to exceed \$315,000.00
ATTACHMENTS: () ORDINANCE (X) RESOLUTION (X) ENGINEERING SERVICES AGREEMENT	DATE: May 10, 2022

INTRODUCTION:

The South Mahomet Road (SMR) Connection Project is the ongoing design and construction of SMR to Prairieview Road. The project was initiated in 2017 with Hanson Professional Services providing planning and design assistance with railroad communications for a new crossing with the NSRC. Construction, now in 3 phases, started with the utility project in 2021 and is continuing with roadway construction to Churchill Rd in 2022.

DESCRIPTION:

The South Mahomet Road Connection Project proposes to connect IL 47 with Prairieview Road. This month we have a hearing with the Illinois Commerce Commission for a new Norfolk Southern crossing. With the favorable bids we have received on the 1st 2 phases of construction, we are eager to move forward with the design on the remainder of the SMR Extension. We propose to continue working with Hanson Professional Services, Inc. to do the design engineering.

All design and property acquisition work will be done through the Hanson agreement. BCA will be a sub for additional topographic survey, boundary surveys, preparation of legal documents for right-of-way and easement acquisition, water main design and final right-of-way staking. MET will be a sub for soil borings.

The roadway from Churchill Dr to Prairieview Rd is proposed to have a roundabout intersection with Purnell Dr. The roadway section from Churchill to Purnell will be a 3-lane concrete rural section with open ditches, asphalt shoulders, a bikepath on the north side of the road and at least grading for a future sidewalk on the south side. This section will also have a

large box culvert to accommodate a drainage way that flows southwest from the high point at Purnell and Oak St. (US 150). The pavement from Purnell Dr. to Prairieview Rd. will be curbed on the north side and either curbed or open ditch on the south side. Otherwise it will have the same section as to the west. Preliminary design for Purnell is included as a commitment to the Purnell Development LLC group to assure proper planning of locations and elevations for their development. Purnell Dr. will not be built by the Village of Mahomet. The roundabout at Purnell Dr. and South Mahomet Rd. will be a 3-leg with a stub to the north for Purnell Dr. See attached project overview map.

DISCUSSION OF ALTERNATIVES:

1. Delay this work.
2. Hire a different engineering firm.

COMMUNITY INPUT:

Input and support from the adjacent property owners.

BUDGET IMPACT:

The design for the continuation of this project has been included in past C-I-PS and is included in the FY 2023 budget.

The not-to-exceed cost presented in the ESA is within the budget.

STAFF IMPACT:

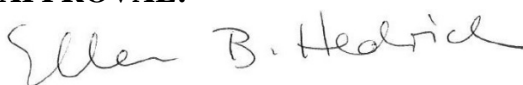

Ellen will continue managing the project and keep in communication with Cindy Loos, Project Manager for Hanson.

SUMMARY:

To continue the design process for the South Mahomet Road Connection, we request that the Board of Trustees approve this Engineering Services Agreement.

RECOMMENDED ACTION:

APPROVE THE ENGINEERING SERVICES AGREEMENT WITH HANSON PROFESSIONAL SERVICES FOR A NOT-TO-EXCEED AMOUNT OF \$315,000.00.

<p>ENGINEERING DEPARTMENT APPROVAL:</p> 	<p>VILLAGE ADMINISTRATOR:</p> 
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RESOLUTION 22-05-

**A RESOLUTION TO APPROVE AN ENGINEERING SERVICES AGREEMENT
FROM HANSON PROFESSIONAL SERVICES FOR ENGINEERING DESIGN OF
SOUTH MAHOMET ROAD FROM CHURCHILL RD TO PRAIRIEVIEW RD
(INCLUDING PRELIMINARY ENGINEERING FOR PURNELL RD)
FOR THE NOT-TO-EXCEED AMOUNT OF \$315,000**

WHEREAS, Village Staff and the Board of Trustees included this cost in the FY2023 budget appropriation in May of 2022; and,

WHEREAS, Village Board of Trustees approved the FY2023 – 2027 Capital Improvement Plan, which includes the South Mahomet Road Extension design services for this phase; and,

WHEREAS, this project involves the extension of South Mahomet Road from Churchill Road east to Prairieview Road 2,700'; and,

WHEREAS, the Village Engineer procured a proposal from Hanson Professional Services for engineering design services; and,

WHEREAS, Hanson has provided a detailed scope of services which was reviewed and found acceptable by the Village Engineer; and,

WHEREAS, the Village Engineer recommends approving the Engineering Services Agreement containing that scope of services not-to-exceed \$315,000.

NOW, THEREFORE, BE IT RESOLVED this 24th day of May 2022, by the Board of Trustees of the Village of Mahomet that:

1. The Village of Mahomet Board of Trustees does hereby approve Engineering Services Agreement from Hanson Professional Services for engineering design services for the not-to-exceed cost of \$315,000.
2. The Village of Mahomet Board of Trustees further authorizes the Village Administrator to execute the required contract documents.

Sean M. Widener
Board of Trustees
Village of Mahomet

Attest:

Village Clerk

Village of Mahomet
PROFESSIONAL ENGINEERING SERVICES AGREEMENT

This Agreement is made between the Village of Mahomet, Illinois, hereinafter referred to as the "Village", and:

<p><i>(Insert Complete Legal Name and Address of the Professional Engineer.)</i></p> <p style="text-align: center;">Hanson Professional Services Inc. 7625 N. University St., Suite 200 Peoria, IL 61614</p>

hereinafter referred to as the "Engineer", in consideration of the mutual promises contained herein.

This Agreement consists of seven sections, including five exhibits A, B, C, D and E, and any Addendum attached.

The professional engineering services to be provided under this Agreement consist of those phases A through G checked below. A more particular description of each phase is contained in Section II, "Basic Services", of the Agreement and is further described in Exhibit C, "Scope of Work."

<i>(Please place an "X" in the appropriate boxes.)</i>		Phase	Description
Included in this agreement.	Not included in this agreement.		
	X	A.	Study and Report Phase
X		B.	Preliminary Design Phase
X		C.	Final Design Phase
	X	D.	Bidding Phase
	X	E.	Construction Survey and Layout Phase
	X	F.	Construction Inspection Phase
X		G.	Reimbursable Expenses (Ref. Section VI.C)

The professional engineering services obtained by the Village under this Agreement concern the following described Project hereinafter referred to as the "Project":

Project Budget Number:
Project Name: South Mahomet Road Extension Phase 2
Brief Project Description: South Mahomet Road will be extended from Churchill Road to Prairieview Road with a roundabout at the South Mahomet/Purnell intersection. Preliminary design will be completed for Purnell Road. Preliminary design and final design and plans will be completed for South Mahomet Road.

SECTION I. GENERAL

A. ENGINEER

The Engineer shall provide professional engineering services for the Village in all phases of the Project to which this Agreement applies, serve as the Village's professional engineering representative for the Project as set forth herein, and shall give professional engineering consultation and advice to the Village during the performance of services hereunder. All services provided hereunder shall be performed by the Engineer in accordance with generally accepted Engineering standards to the satisfaction of the Village.

B. NOTICE TO PROCEED

The Engineer shall only begin performance of each Phase of work required hereunder upon receipt of a written Notice to Proceed with that Phase.

C. TIME

The Engineer shall begin work on each successive phase promptly after receipt of the Notice to Proceed for each phase and shall devote such personnel, technical equipment, computer time and materials to the Project to complete each phase in an expeditious manner within the time limits set forth in Section II. Time is of the essence to this Agreement.

D. VILLAGE'S REPRESENTATIVE

The Village's representative to the Engineer shall be the Village Engineer or an authorized representative of the Village.

E. EXTRA WORK AND CHANGE ORDERS

The Engineer shall only perform work authorized by this contract and defined in Exhibit C, the Scope of Work. Should the size or complexity of the project exceed the amount of work contemplated by this contract or defined in the Scope of Work, the Engineer shall obtain written authorization to perform extra work before such work is actually performed. The cost to perform any work prior to written authorization shall be paid exclusively by the Engineer and shall not be reimbursed by the Village.

Change orders to authorize extra work may be approved by the Village Administrator using his/her administrative authority granted under the Village of Mahomet Municipal Code provided that the sum of costs for all change orders approved administratively shall not exceed 10% of the contract amount last approved by the Village Board of Trustees. Only the Village Board of Trustees may approve change orders for amounts that exceed 10% of the contract amount last approved by the Village Board of Trustees.

The Engineer shall not be reimbursed for costs incurred above the currently approved contract amount plus the cost of change orders approved in accordance with the requirements of the Village of Mahomet Municipal Code.

SECTION II. BASIC SERVICES

A. STUDY AND REPORT PHASE

	Included in this Agreement.
X	Not included in this Agreement.

The Engineer shall:

1. Village's Requirements

Review available data and consult with the Village to clarify and define the Village's requirements for the Project.

2. Advise Regarding Additional Data

Advise the Village as to the necessity of the Village providing or obtaining from others data or services of the types described in Section IV.C, in order to evaluate or complete the Project, and act as the Village's representative in connection with any such services.

3. Technical Analysis

Provide analysis of the Village's needs, planning surveys, site evaluations, and comparative studies of prospective sites and solutions.

4. Economic Analysis

Provide a general economic analysis of the Village's requirements applicable to various alternatives in accordance with economic parameters and assumptions provided by the Village.

5. Report Preparation

Prepare a report containing schematic layouts, sketches and conceptual design criteria with appropriate exhibits to indicate clearly the considerations involved and the alternative solutions available to the Village and setting forth the Engineer's findings and recommendations with opinions of probable costs for the Project, including construction cost, contingencies, allowances for charges of all professionals and consultants, allowances for the cost of land and rights-of-way, compensation for or damages to properties and interest and financing charges (all of which are hereinafter called "Project Costs").

6. Report Presentation

Furnish at least five (5) copies of the report and present and review the report in person with the Village as the Village Engineer shall direct. The cost of report reproduction shall be considered a reimbursable expense and paid in accordance with Section VI.C of this Agreement.

7. Supplementary Duties

The duties and responsibilities of Engineer during the Study and Report Phase shall include only those duties described above and those contained in the detailed Scope of Services attached to this contract as Exhibit C.

8. Completion Time

The Study and Report Phase shall be completed, and Report submitted within the time defined in the detailed Scope of Services attached as Exhibit C.

B. PRELIMINARY DESIGN PHASE

X	Included in this Agreement.
	Not included in this Agreement.

After written authorization to proceed with the Preliminary Design Phase, the Engineer shall:

1. Extent of Project

In consultation with the Village and based on the accepted report, determine the extent of the Project.

2. Preliminary Design Documents

The Village of Mahomet prefers that design is done using Bentley MicroStation and Geopak software. Prepare preliminary design documents consisting of final design criteria, preliminary drawings, in accordance with IDOT plan presentation, and outline specifications.

3. Revised Project Costs

Based on the information contained in the preliminary design documents, submit a revised opinion of probable Project Costs.

4. Real Estate Acquisition: Legal Description and Plat

Based on preliminary design documents, furnish a legal description and recordable reproducible 8-1/2" x 11" plat of each parcel of real estate in which the Village must acquire an interest in order to proceed with construction of the Project. The plat and legal description may be produced on more than one page for the purpose of clarity or legibility. The legal description text shall also be reproduced in electronic format in a generally commercially available word processing software program approved by the Village Engineer or his/her designee.

5. Document Presentation

Furnish five (5) copies of the above preliminary design documents and present and review such documents in person with the Village as the Village Engineer may direct. The cost of document reproduction shall be considered to be a reimbursable expense and paid in accordance with Section VI.C of this Agreement.

6. Supplementary Duties

The duties and responsibilities of the Engineer during the Preliminary Design Phase shall include only those duties described above and those contained in the detailed Scope of Services attached to this contract as Exhibit C.

7. Completion Time

The Preliminary Design Phase shall be completed, and a report submitted within the time defined in the detailed Scope of Services attached as Exhibit C, and summarized in Section VI,E of this contract.

C. FINAL DESIGN PHASE

X	Included in this Agreement.
	Not included in this Agreement.

1. Drawings and Specifications

Based on the accepted preliminary design documents and the revised opinion of probable Project Costs, prepare for incorporation in the Contract Documents final drawings to show the character and extent of the Project (hereafter called "Drawings") and Specifications. The specification shall consist of Part 3 "Technical Specifications" of the Village's standard Capital Improvement Construction Contract.

2. Approvals of Governmental Entities

Furnish to the Village such documents and design data as may be required for, and assist in the preparation of, the required documents so that the Village may apply for approvals of such governmental authorities as have jurisdiction over design criteria applicable to the Project, and assist in obtaining such approvals by participating in submissions to and negotiations with appropriate authorities.

3. Adjusted Project Costs

Advise the Village of any adjustments to the latest opinion of probable Project Costs caused by changes in extent or design requirements of the Project or construction costs and furnish a revised opinion of probable Project Cost based on the Drawings and Specifications.

4. Contract Document Preparation

The Engineer shall complete preparation of the construction contract documents by filling in the necessary information in Parts I, II, and IV of the Village's standard Capital Improvement Construction Contract. The Engineer shall prepare Part 3 "Technical Specification" for inclusion in the standard construction contract. The Engineer shall not alter the Village's standard contract document without the permission of the Village. The Village shall provide the Engineer with previously prepared Technical Specifications which may be used as appropriate. The Engineer shall, to the maximum extent possible, follow the formats for Technical Specifications established by the Village on the previously prepared Technical Specifications.

5. Document Presentation

Furnish five (5) copies of the above documents and present and review them in person with the Village. The cost of document reproduction shall be considered to be a reimbursable expense and paid in accordance with Section VI.C of this Agreement. The Village requires that electronic PDFs of the plans and specifications are submitted. Additional electronic files in Bentley MicroStation format of the original topo and final proposed design file shall be also be submitted upon completion.

6. Supplementary Duties

The duties and responsibilities of the Engineer during the Final Design Phase shall include only those duties described above and those contained in the detailed Scope of Services attached to this contract as Exhibit C.

7. Completion Time

The Final Design Phase shall be completed, and plans submitted within the time defined in the detailed Scope of Services attached as Exhibit C, and summarized in Section IV,E of this contract.

D. BIDDING PHASE

	Included in this Agreement.
X	Not included in this Agreement.

The Engineer shall:

1. Assist in Bidding

Assist the Village in obtaining bids for each separate Village contract for construction, materials, equipment and services.

2. Advise Regarding Contractors and Subcontractors

Consult with and advise the Village as to the acceptability of subcontractors and other persons and organizations proposed by the Village's Contractors, hereafter called "Contractors," for those portions of the work as to which such acceptability is required by the bidding documents.

3. Consult Regarding Substitutes

Consult with and advise the Village as to the acceptability of substitute materials and equipment proposed by the Contractors when substitution prior to the award of contracts is allowed by the bidding documents.

4. Distribute Plans and Contract Documents to Bidders

The Engineer shall reproduce ten (10) copies of the plans and contract documents and make them available to prospective bidders. The Engineer shall record the name, address, telephone number and fax number of each of the bidders taking a set of plans and contract documents. The Engineer shall collect from each of the bidders a payment for the plans equal to the amount of the cost of duplication. The payment from the bidder shall be made to the Engineer, which shall offset the cost of duplication, said amounts shall not be billed to the Village.

5. Respond to Questions from Bidders

During the bidding period, the Engineer shall receive and respond to questions from prospective bidders. All responses shall be written and shall be provided to all prospective bidders. Questions received five (5) days before the bid opening shall be answered. Questions received between four (4) and two (2) days before the bid opening may be answered provided that a means exists to communicate the answer in writing to all the bidders. Questions received one (1) day before on the day of the bid opening shall not be answered.

6. Tabulate and Evaluate Bids

The Engineer shall prepare a bid tabulation which shall consist of a listing of all pay items in the contract documents, a listing of the Engineer's Opinion of Probable Costs, and a listing of the bids for each of the pay items submitted by each of the bidders. The Engineer shall assist the Village in evaluating bids or proposals and in assembling and awarding contracts.

7. Supplementary Duties

The duties and responsibilities of the Engineer during the Bidding Phase shall include only those duties described above and those contained in the detailed Scope of Services attached to this contract as Exhibit C.

8. Completion Time

The Bidding Phase shall be completed, and recommendations submitted within the time defined in the detailed Scope of Services attached as Exhibit C, and summarized in Section IV, E of this contract.

E. CONSTRUCTION SURVEY AND LAYOUT PHASE

	Included in this Agreement.
X	Not included in this Agreement.

1. General

This phase of the work may or may not be performed in conjunction with Phase F, "Construction Observation Phase" of this Agreement. Inclusion of this phase in the Agreement does not imply that services identified under Phase F are to be provided unless specifically indicated in this Agreement.

2. Duties

The Engineer shall provide horizontal and vertical control line and grade to enable construction of the improvement as depicted in the Project plans. The number of control points to be established by the Engineer shall be sufficient to permit the construction contractor to construct the improvement within the construction tolerances established in the Project specifications. In addition, the number of control points shall be consistent with standard engineering practice.

3. Replacement of Lost Control Points

The Engineer shall be required to establish control points at Engineer's costs only one time. Control points which are lost, damaged, removed or otherwise moved by the Contractor or others shall be promptly replaced by the Engineer and costs for such replacement shall be computed on a time and materials basis, and reimbursed by the Village.

4. Accuracy

The Engineer shall provide the horizontal and vertical control points within the same measurement tolerances as the construction tolerances established in the Project specifications. The Engineer shall be responsible for the accuracy of the control points which are established. The Engineer shall be responsible for costs which may result from errors in placement of control points.

The Engineer shall take all reasonable and customary actions to protect the control points established by the Engineer.

5. Supplementary Duties

The duties and responsibilities of the Engineer during the Construction Survey and Layout Phase shall include only those duties described above and those contained in the detailed Scope of Services attached to this contract as Exhibit C.

6. Completion Time

The Construction Survey and Layout Phase shall be completed within the time defined in the detailed Scope of Services attached as Exhibit C, and summarized in Section VI, E of this contract.

F. CONSTRUCTION OBSERVATION PHASE

	Included in this Agreement.
X	Not included in this Agreement.

1. General Duties

This phase of the work may or may not be performed in conjunction with Phase E, "Construction Survey and Layout Phase" of this Agreement. Inclusion of this phase in the Agreement does not imply that services identified under Phase E are to be provided unless specifically indicated in this Agreement.

Consult with and advise the Village and act as its representative as provided herein and in the General Conditions of the construction contract for the Project. The primary responsibility of the Engineer in this phase of the work shall be quality control inspection of the materials, construction methods and techniques to assure that the contractor builds the project in accordance with the plans and specifications.

2. Construction Observation and Reporting

Make visits to the site at intervals appropriate to the various stages of construction to observe, as an experienced and qualified design professional the progress and quality of the executed work of the Contractor and to determine, in general, if such work is proceeding in accordance with the Contract Documents. During such visits and based on on-site observations, the Engineer shall keep the Village informed of the progress of the work, shall endeavor to guard the Village against defects and deficiencies in such work and may disapprove or reject work failing to conform to the Contract Documents.

3. Review of Technical and Procedural Aspects

Review and approve (or take other appropriate action) in respect to Shop Drawings, the results of tests and inspections and other data which each Contractor is required to submit, determine the acceptability of substitute materials and equipment proposed by the Contractor(s), and receive and review (for general content as required by the Specifications) maintenance and operating instructions, schedules, guarantees, bonds and certificates of inspection which are to be assembled by the Contractor(s).

4. Contract Documents

Receive from each Contractor and review for compliance with contract documents all required document submissions including but not limited to Performance and Payment Bonds, certificates of insurance report forms required by any Municipal, State or Federal law or rule or regulation and submit the forms to the Village for final approval.

5. Conferences and Meetings

Attend meetings with the Contractor, such as pre-construction conferences, progress meetings, job conferences, and other project-related meetings, and prepare and circulate copies of the minutes thereof including to the Village.

6. Documentation

The documentation provided by the Engineer of Construction Observation shall meet the requirements defined in the Illinois Department of Transportation Construction Manual, Section 800 entitled "Documentation."

- (a) Prepare Inspector's Daily Reports and Quantity Book as required in the Construction Manual.
- (b) Maintain, at the job site, orderly files for correspondence, reports of job conferences, Shop Drawings and samples, reproductions of original Contract Documents, including all Addenda, Change Orders, Field Orders, additional Drawings issued subsequent to the execution of the Contract, the Engineer's clarifications and interpretations of the Contract Documents, progress reports, and other Project-related documents.
- (c) Keep a diary or log book, recording the Contractor's hours on the job site, weather conditions, data relative to questions of Change Orders, or changed conditions, list of job site visitors, daily activities, decisions, observations in general, and specific observations in more detail, as in the case of observing test procedures and send copies to the Village. Take multiple photographs of the Work and keep a log and file of the photos.
- (d) Record names, addresses and telephone numbers of all the Contractors, Subcontractors, and major suppliers of materials and equipment.

7. Reports

- (a) Furnish the Village periodic reports, as required, on progress of the Work and of the Contractor's compliance with the progress schedule and schedule of Shop Drawings and sample submittals.
- (b) Consult with the Village, in advance of scheduled major tests, inspections, or start of important phases of the Work.
- (c) Draft proposed Change Orders, obtain back-up material from the Contractor, and make recommendations to the Village regarding Change Orders and Field Orders.
- (d) Report immediately to the Village upon the occurrence of any accident.

8. Contract Interpretation; Review of Quality of Work

Issue all instruction of the Village to the Contractor(s); issue necessary interpretations and clarifications of the Contract Documents and in connection therewith prepare change orders as required, subject to the Village's approval; have authority, as the Village's representative, to require special inspection or testing of the work; act as initial interpreter of the requirements of the Contract Documents and judge of the acceptability of the work thereunder and make decisions on all claims of the Contractor(s) relating to the acceptability of the work or the interpretation of the requirements of the Contract Documents pertaining to the execution and progress of the work.

9. Prepare Engineer's Pay Estimate

Based on the Engineer's on-site observations as an experienced and qualified design professional and on review of the Inspectors Daily Reports and Quantity Book, determine the amounts owing to the Contractor(s) and prepare an Engineer's Payment Estimate recommending the amount of payment for completed work; such recommendations of payment

will constitute a representation to the Village, based on such observations and review, that the work has progressed to the point indicated, that, to the best of the Engineer's knowledge, information and belief, the quality of such work is in accordance with the Contract Documents (subject to an evaluation of such work as a functioning Project upon Substantial Completion, to the results of any subsequent tests called for in the Contract Documents, and to any qualifications stated in his recommendation), and that payment of the amount recommended is due the Contractor(s). The Engineer's Payment Estimate shall be prepared not less than monthly while construction is proceeding. The pay estimate shall be prepared on a spreadsheet form supplied by the Village.

10. Determination of Substantial Completion

Conduct an inspection to determine if the Project is substantially complete and a final inspection to determine if the work has been completed in accordance with the Contract Documents and if each Contractor has fulfilled all of his obligations thereunder so that the Engineer may recommend, in writing, final payment to each Contractor and may give written notice to the Village and the Contractor(s) that the work is acceptable (subject to any conditions therein expressed).

11. Authority and Responsibility

The Engineer shall not guarantee the work of any Contractor or Subcontractor, shall have no authority to stop work, shall have no supervision or control as to the work or persons doing the work, shall not have charge of the work, shall not be responsible for safety in, on, or about the job-site or have any control of the safety or adequacy of any equipment, building component, scaffolding, supports, forms or other work aids, and shall have no duties or responsibilities imposed by the Structural Work Act upon the "owner" under that Act and shall not be the "person in control of work" within the meaning of that Act.

12. Engineer Not Responsible for Acts of Contractor

The Engineer shall not be responsible for the supervision or control of the acts or omissions or construction means, methods or techniques of any Contractor, or Subcontractor, or any of the Contractor(s)' or Subcontractors' agents or employees or any other person (except the Engineer's own employees and agents) at the site or otherwise performing any of the Contractor(s)' work; however, nothing contained in paragraphs E-1 through E-8 inclusive shall be construed to release the Engineer from liability for failure to properly perform duties undertaken by him in these Contract Documents or this Agreement.

13. Preparation of Record Drawings

The Engineer shall prepare a set of record plans on which shall be noted all changes which may have occurred during construction. The record drawings need not detail changes in measurements, elevation lines or grades which are within the normally accepted construction tolerances. The plans shall be delivered to the Village in the form of one set of prints. The cost of document reproduction shall be considered to be a reimbursable expense and paid in accordance with Section VI.C of this agreement.

14. Supplementary Duties

The duties and responsibilities of the Engineer during the Construction Inspection Phase shall include only those duties described above and those contained in the detailed Scope of Services attached to this contract as Exhibit C.

15. Completion Time

The Construction Inspection Phase shall be completed within the time defined in the detailed Scope of Services attached as Exhibit C, and summarized in Section VI, E of this contract.

SECTION III. (Reserved for future use)

SECTION IV. VILLAGE'S RESPONSIBILITIES

A. FURNISH REQUIREMENTS AND LIMITATIONS

Provide all criteria and full information as to the Village's requirements for the Project, including design objectives and constraints, space, capacity and performance requirements, flexibility and expandability, economic parameters and any budgetary limitations; and furnish copies of all design and construction standards which the Village will require to be included in the Drawings and Specifications.

B. FURNISH INFORMATION

Assist the Engineer by placing at the Engineer's disposal all available information pertinent to the Project including previous reports and any other data relative to design or construction of the Project.

C. FURNISH TECHNICAL INFORMATION

Furnish to the Engineer, as required for performance of the Engineer's Basic Services (except to the extent provided otherwise in Exhibit C, "Scope of Work"), data prepared by or services of others, including without limitation, core borings, probings and subsurface explorations, hydrographic surveys, laboratory tests and inspections of samples, materials and equipment; appropriate professional interpretations of all of the foregoing; environmental assessment and impact statements; property, boundary, easement, right-of-way, topographic and utility surveys; property descriptions; zoning, deed and other land use restriction; and other special data or consultations not covered in Section II; all of which the Engineer may rely upon in performing the Engineer's services.

D. SURVEYS AND REFERENCE POINTS

Provide field control surveys and establish reference points and base lines except to the extent provided otherwise in Section II or III to enable the Contractor(s) to proceed with the layout of the work.

E. ACCESS TO PROPERTY

Arrange for access to and make all reasonable provisions for the Engineer to enter upon public and private property as required for the Engineer to perform the Engineer's services.

F. REVIEW DOCUMENTS

Examine all studies, reports, sketches, drawings, specifications, proposals and other documents presented by the Engineer, obtain advice of an attorney, insurance counselor and other consultants as the Village deems appropriate for such examination and render in writing

decisions pertaining thereto within a reasonable time so as not to delay the services of the Engineer.

G. OBTAIN APPROVALS AND PERMITS

Furnish approvals and permits from all governmental authorities having jurisdiction over the Project and such approvals and consents from others as may be necessary for completion of the Project, unless Engineer is specifically assigned such duties.

H. ACCOUNTING, LEGAL AND INSURANCE SERVICE

Provide such accounting, independent cost estimating and insurance counseling services as may be required for the Project, such legal services as the Village may require or the Engineer may reasonably request with regard to legal issues pertaining to the Project including any that may be raised by the Contractor(s), such auditing service as the Village may require to ascertain how or for what purpose any Contractor has used the moneys paid to him under the construction contract, and such inspection services as the Village may require to ascertain that the Contractor(s) are complying with any law, rule or regulation applicable to their performance of the work except as otherwise provided in Section II.

I. NOTIFY THE ENGINEER OF DEFECTS OR DEVELOPMENT

Give prompt written notice to the Engineer whenever the Village observes or otherwise becomes aware of any development that affects the scope or timing of the Engineer's services, or any defect in the work of the Contractor(s).

J. COSTS OF THE VILLAGE'S RESPONSIBILITIES

Bear all costs incident to compliance with the requirements of this Section IV, unless otherwise agreed in writing.

SECTION V. GENERAL CONSIDERATIONS

A. SUCCESSORS AND ASSIGNS

The Village and the Engineer each binds their respective partners, successors, executors, administrators and assigns to the other party of this Agreement and to the partners, successors, executors, administrators, and assigns of such other party, in respect to all covenants of this Agreement; except as below, neither the Village nor the Engineer shall assign, sublet, or transfer their respective interests in this Agreement without the written consent of the other. Nothing herein shall be construed as creating any personal liability on the part of any employee, officer, or agent of any public body or any employee or director of a party hereto, nor shall it be construed as giving any rights or benefits hereunder to anyone other than the Village and the Engineer.

B. OWNERSHIP OF DOCUMENTS

All drawings, specifications, reports, records, and other work product developed by the Engineer in connection with this Project are public documents and shall remain the property of the Village whether the Project is completed or not. Reuse of any of the work product of the Engineer by the Village on extensions of this Project or any other project without written permission of the Engineer shall be at the Village's risk and the Village agrees to defend, indemnify and hold

harmless the Engineer from all damages and costs including attorney fees arising out of such reuse by the Village or others acting through the Village.

C. ESTIMATES OF COST (COST OPINION)

Since the Engineer has no control over the cost of labor and materials, or over competitive bidding and market conditions, estimates of construction cost provided are to be made on the basis of the Engineer's experience and qualifications, but the Engineer does not guarantee the accuracy of such estimates as compared to the Contractor's bids or the Project construction cost.

D. Insurance

- a) General Requirement. During the term of this Agreement, at its own cost and expense, the Engineer shall maintain in full force and effect the insurance policies as noted below.
- b) Time of Submission; Certificate(s) of Insurance. At or before the time of execution of this agreement and prior to commencing any work activity on the project, the Engineer shall provide the Village with certificate(s) of insurance showing evidence of the policies noted below. The Village must be notified of any non-renewal, change in terms and conditions or changes to the policies at least 30 days in advance. If any policy is being cancelled for non-payment of premium, the Village must be given at least 10 Day notice. The Engineer shall provide renewal certificates to the Village prior to policy expiration, if any expire during the course of this agreement. If requested by the Village, the Engineer shall provide copies of any of the insurance policies.
- c) Types and Limits of Insurance. The Engineer shall maintain the following types of insurance coverage with companies qualified to do business in Illinois and have a current rating of A- VIII or better by A. M. Best. The Village shall be listed as the certificate holder and as additional insured.
 - 1) Commercial general liability insurance (CGL). The Engineer shall maintain CGL insurance with a limit of not less than \$1,000,000 each occurrence. The CGL insurance shall be written on ISO occurrence form CG 00 01 (or substitute form providing equivalent coverage) and shall cover liability arising from premises, operations, independent contractors, personal and advertising injury, and liability assumed under an insured contract. The Village of Mahomet, its officers and employees shall be included as insured under the CGL, using ISO additional insured endorsement 20 26 or substitute providing equivalent coverage. The insurance shall apply as primary insurance with respect to any other insurance or self-insurance programs afforded to the Village. There shall be no endorsement or modification of the CGL to make it excess over other available insurance; alternatively, if the CGL states that it is excess or pro rata, the policy shall be endorsed to be primary with respect to the additional insured. There shall be no endorsement or modification of the CGL limiting the scope of coverage for liability assumed under a contract.

- 2) Automobile Liability. The Engineer shall maintain automobile liability insurance with a combined single limit of not less than \$1,000,000 each accident. The auto liability insurance shall be written on ISO occurrence form CA 00 01 (or substitute form providing equivalent coverage) and shall cover liability arising out of any auto, including owned, hired, and non-owned autos.
- 3) Workers' Compensation Insurance. The Engineer shall maintain workers' compensation and employers' liability insurance. The employers' liability limits shall not be less than \$100,000 each accident for bodily injury by accident or \$100,000 each employee for bodily injury by disease.
- 4) Professional Liability Insurance. The Engineer shall maintain professional liability insurance covering acts, errors, mistakes, and omissions arising out of the work or services performed by the Engineer, or any person employed by the Engineer, with a limit of not less than \$1,000,000 each claim. If the policy is written on a claims made basis, the retroactive date of the policy must predate this agreement. In addition, the policy term must extend one year beyond the completion date of the project(s) contracted for in this agreement.
- 5) Deductibles or Self-Insured Retentions. If the Engineer has a deductible or self-insured retention on any of the policies, the amount of the deductible or self-insured shall be disclosed to the Village, and subject to the approval of the Village. The approval will not be unreasonably withheld. The Engineer shall be solely responsible for payment of any deductible or self-insured retention.

E. TERMINATION

1. This Agreement may be terminated in whole or in part in writing by either party in the event of substantial failure by the other party to fulfill its obligations under this Agreement through no fault of the terminating party; provided that no such termination may be affected unless the other party is given (1) not less than fifteen (15) calendar days prior written notice (delivered by certified mail, return receipt requested) of intent to terminate, and (2) an opportunity for consultation with the terminating party prior to termination.
2. This Agreement may be terminated in whole or in part in writing by the Village for its convenience; provided that the Engineer is given (1) not less than fifteen (15) calendar days prior written notice (delivered by certified mail, return receipt requested) of intent to terminate, and (2) an opportunity for consultation with the Village prior to termination.
3. Upon receipt of a notice of intent to terminate from the Village pursuant to this Agreement, the Engineer shall (1) promptly discontinue all services affected (unless the notice directs otherwise), and (2) make available to the Village at any reasonable time at a location specified by the Village all data, drawings, specifications, reports, estimates, summaries, and such other information and materials as may have been accumulated by the Engineer in performing this Agreement, whether completed or in process.
4. Upon termination pursuant to this Agreement, the Village may take over the work and prosecute the same to completion by agreement with another party or otherwise.

F. INDEPENDENT CONTRACTOR STATUS

Nothing contained in this Agreement shall be construed to make the Engineer an employee or partner of the Village. The Engineer shall at all times hereunder be construed to be an independent contractor.

G. FEDERAL FUNDING

If Federal Funds are utilized as a source of Project funding, the Engineer shall abide by the terms of all Federal requirements in the performance of duties hereunder.

H. AMENDMENT OF AGREEMENT

This Agreement shall be amended or supplemented only in writing and executed by both parties hereto.

I. HOLD HARMLESS

To the extent caused by the Engineer's negligent acts or omissions, Engineer shall indemnify and save harmless the Village, its officers and employees against any and all claims for damages to property or injuries to or death of any person or persons, including property and employees or agents of the Village and including attorney's fees incurred by the Village or required in any way to be paid by the Village, in defense thereof, and shall indemnify and save harmless the Village from any and all claims, demands, suits, actions or proceedings of any kind or nature, including Worker's Compensation claims, of or by anyone whomsoever, ~~proximately caused or proximately arising out of negligent acts or omissions to act by Engineer~~ in connection with its performance of this contract, including operations of its subcontractors and negligent acts or omissions of employees or agents of the Engineer or its subcontractors

to the extent
caused by
Engineer's

Insurance coverage specified in this Agreement constitutes the minimum requirements and said requirements shall not lessen or limit the liability of the Engineer under the terms of the Agreement. The Engineer shall procure and maintain at his own cost and expense, any additional kinds and amounts of insurance that, in the Engineer's own judgment, may be necessary for the Engineer's proper protection in the prosecution of the work.

J. COPYRIGHT ASSIGNMENT

The Engineer assigns to the Village any and all of Engineer's rights under copyright laws for work prepared by the Engineer, its employees, subcontractors or agents in connection with this Contract, including any and all rights to register said copyright, renewal rights, determination rights and import rights. The Engineer agrees to execute any additional documents the Village may request to effectuate the assignment of said copyright.

K. NO BID RIGGING, BID ROTATION

The Engineer certifies, in accordance with Section 33E-11 of the Illinois Criminal Code, that the Engineer is not barred from bidding on contracts as a result of a violation of either Section 33E-3, Bid Rigging, or Section 33E-4, Bid Rotating, of the Illinois Criminal Code.

L. NO DELINQUENT ILLINOIS TAXES

The Engineer agrees that the Affidavit of No Delinquent Illinois Taxes, attached as Exhibit E, is incorporated into this contract by reference.

M. DRUG FREE WORKPLACE

The Engineer agrees that it shall comply with the Illinois Drug Free Workplace Act, 30 ILCS 580/1, et seq. If the Engineer has twenty-five (25) or more employees or this contract is for more than Five Thousand Dollars (\$5,000.00), the Engineer shall provide to the Village the Drug Free Workplace Certification attached as Exhibit D.

SECTION VI. PAYMENT

A. BASIS OF BILLING

Village shall pay the Engineer for all services rendered under Section II Phases A through F an amount based on Direct Labor Costs times the factor shown in the box to the right for services rendered by principals and employees assigned to the Project.	3.0
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Direct Labor Costs used as a basis for payment means salaries and wages (basic and incentive) paid to all personnel engaged directly on the Project, including but not limited to, engineers, architects, surveyors, designers, draftsmen, specification writers, estimators, other technical personnel, stenographers, typists and clerks; but does not include indirect payroll related costs or fringe benefits. For the purposes of this Agreement, the principals and employees of the Engineer and their hourly direct labor costs are set forth in Exhibit A hereto.

B. SPECIAL CONSULTANT

The Engineer shall engage other firms or special consultants only upon written approval of the Village Administrator, unless clearly stated in the "Scope of Work" Exhibit C, with cost details. The Village shall pay the Engineer for services and reimbursable expenses of special consultants engaged by the Engineer with the approval of the Village Administrator, the amount billed by the Special Consultant to the Engineer.

C. REIMBURSABLE EXPENSES

In addition to payments provided for in paragraphs A and B of this Section, the Village shall pay the Engineer the actual costs of all Reimbursable Expenses incurred in connection with all Basic and Additional Services. Reimbursable Expenses means the actual expenses incurred directly in connection with the Project for transportation costs on the basis of actual cost if public transportation is used, subsistence incidental thereto, toll telephone calls, reproduction of reports, drawings, specifications and similar project-related items in addition to those required under Section II.

If the Engineer's vehicles are used on the project, the Village shall pay the Engineer the amount shown in the box to the right per mile for use of the vehicle.	\$0.585 per mile
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D. PAYMENT FOR WORK COMPLETED

1. Monthly progress payments may be requested by the Engineer for work satisfactorily completed and shall be made by the Village to the Engineer as soon as practicable upon submission of statements requesting payment by the Engineer to the Village. Each

statement shall be accompanied by an Invoice Data Sheet as shown in Exhibit B. If the Engineer prefers, the Invoice Data sheet may serve as the Engineer's invoice.

2. No payment request made pursuant to subparagraph 1 of this Section VI shall exceed the estimated maximum total amount and value of the total work and services to be performed by the Engineer under this Agreement for that phase or additional service without the prior authorization of the Village. These estimates have been prepared by the Engineer and supplemented or accompanied by such supporting data as may be required by the Village.
3. Upon receipt of a properly invoiced payment request, the Village shall pay the amount due less any amounts allowed to be retained or withheld by the Village under this Agreement within 60 days of receipt of the invoice.
4. Upon satisfactory completion of the work performed hereunder, and prior to final payment under this Agreement, and as a condition precedent thereto, the Engineer shall execute and deliver to the Village a release of all payment claims against the Village arising under or by virtue of this Agreement.
5. The Engineer and Village agree that the Local Government Prompt Payment Act does not apply to this Agreement.
6. In the event of termination by Village under Section V.E upon the completion of any phase of the Basic Services, progress payments due Engineer for services rendered through such phase shall constitute total payment for such services. In the event of such termination by Village during any phase of the Basic Services, Engineer also will be reimbursed for the charges of independent professional associates and consultants employed by Engineer to render Basic Services, and paid for services rendered during that phase on the basis of Engineer's Direct Labor Costs times a factor defined in Section VI.A. of this Agreement for services rendered during that phase to date of termination by Engineer's principals and employees engaged directly on the Project. In the event of any such termination, Engineer will be paid for all unpaid Additional Services and unpaid Reimbursable Expenses, plus all termination expenses. Termination expenses mean additional Reimbursable Expenses directly attributable to termination, which, if termination is at Village's convenience, shall include an amount computed as a percentage of total compensation for Basic Services earned by Engineer to the date of termination as follows: 10% of the difference between the amount which the Engineer has earned computed as described in paragraphs A, B and C of this section and the maximum payment amount described in paragraph E of this section.

E. COMPLETION TIME AND MAXIMUM PAYMENT

The Engineer shall complete all services described in Section II.A through F including all attachments to Section II within the time schedule and for an amount including direct expenses not to exceed the amount shown hereunder:

Section II	Description	Time Schedule <i>(Show completion date or duration in days)</i>	Maximum Compensation
A.	Study and Report Phase		\$
B.	Preliminary Design Phase	August 31, 2022	\$100,000
C.	Final Design Phase	Dec. 31, 2022	\$110,444
D.	Bidding Phase		\$
E.	Construction Survey and Layout Phase		\$
F.	Construction Inspection Phase		\$
G.	Reimbursable Expenses		\$104,556
Total			\$315,000
The maximum compensation for all Phases A through G shall not exceed (in words) Three Hundred Twenty-Five Thousand and xx/100			

SECTION VII. SPECIAL PROVISIONS

The following Exhibits are attached to and made part of this Agreement:

1. Exhibit A, "Direct Hourly Labor Costs of the Engineer", consisting of 1 page.
2. Exhibit B, "Invoice Data Sheet", consisting of 1 page.
3. Exhibit C, "Scope of Work", consisting of **5** pages.
4. Exhibit D, "Disclosure Affidavit", consisting of 3 pages.
5. Exhibit E, "Insurance Certificate(s)".

This Agreement is made between the Village and the Engineer entered into on the last date written below. In witness, the parties have executed this Agreement.


VILLAGE OF MAHOMET, ILLINOIS	ENGINEER
By:	By: 
Title: Village Administrator	Title: James P. Messmore Senior Vice President
Date:	Date: May 5, 2022
Attest:	Attest:
APPROVED AS TO FORM:	
Village Attorney	

Exhibit B – VILLAGE OF MAHOMET INVOICE DATA SHEET

(Engineer Name and Address) Hanson Professional Services Inc.		Village Project No.:	
		Invoice Date:	
		Invoice Number:	
		Invoice Period From:	
		To:	
Agreement / C.O.	Date Approved	Resolution Number	Upper Limit
Original Contract			

Detailed list of services performed during billing period:

Itemized billing:

Staff Name	Classification	Hours	Direct Rate	Total
			Sub-total	
Multiplier				
Total Cost				
Subconsultant Cost	attach itemized billing			
Reimbursable Expenses	attach itemized billing			
TOTAL AMOUNT DUE THIS INVOICE:				
Previously billed				
Percent Complete				

Signature: _____

Title: _____

EXHIBIT C

SCOPE OF WORK

(Describe the scope of work by breaking down the project into major work elements or phases. Further divide the major work elements or phases into tasks, identify proposed staff positions to accomplish the tasks, and show direct salary cost. Estimate the staff hours to accomplish the task and calculate the direct cost. A sum of staff hours by position and direct salary cost should be made for each of the major work elements or phases. The total estimated labor cost is the sum of all the elements or phases multiplied by the approved project multiplier. The total estimated engineering cost is the total labor cost plus estimated reimbursable expenses. Alternately, replace this Exhibit with a spread sheet defining scope of work. Mark the spreadsheet Exhibit C.)

Exhibit C – Scope of Services

Project Description:

Hanson Professional Services Inc. shall prepare design plans, specifications and estimates for the extension of South Mahomet Road from Churchill Road to Prairie View Road, in the Village of Mahomet. The proposed improvements include a new PCC street, bike path, sidewalk, roundabout, lighting, and drainage.

The Project shall be designed in accordance with Motor Fuel Tax (MFT) standards and Specifications of the Illinois Department of Transportation, except as may be modified or approved by the Village of Mahomet.

Plans will be prepared in English units (feet) using Microstation software in accordance with CAD conventions of the Illinois Department of Transportation (IDOT) in IL State Plane Coordinates (East Zone).

Services:

The Scope of Services to be provided is limited to the following:

- A. Study Surveying and Mapping (BCA)
 1. The corridor boundaries for data collection are shown in the attached exhibit.
 2. Obtain and review available mapping, construction plans and surveys from CLIENT:
 - i. Existing construction plans
 - ii. Preliminary design exhibits
 - iii. GIS topographic and parcel data and orthographic aerial photography
 3. Task 1 - Field Investigations
 - i. Acquisition and Research of historic information, including right-of-way and property information.
 - ii. Three (3) days of field survey work to obtain property boundary information.
 - iii. Field survey work to obtain horizontal and vertical control data for eight (8) soil boring locations.
 - iv. Office reduction and analysis of the field data acquired.
 - v. Acquisition of ground photography.
 - vi. Drafting to depict the acquired field data.
 - vii. General supervision of the task.
 4. Task 2 – Right-of-Way and Easement Plats South Mahomet Road
 - i. Preparation of two (2) plats and legal descriptions of property to be acquired for street right-of-way purposes.
 - ii. Preparation of two (2) plats and legal descriptions of temporary construction easements to be acquired.
 - iii. General supervision of the task.
 5. Task 3 - Right-of-Way and Easement Plats Purnell Drive
 - i. Preparation of two (2) plats and legal descriptions of property to be acquired for street right-of-way purposes.
 - ii. Preparation of two (2) plats and legal descriptions of temporary construction easements to be acquired.
 - iii. General supervision of the task.
 6. Task 4 - Project Communications
 - i. Attendance at five (5) meetings with Hanson staff, Village staff and/or Village attorney to review the Project and answer questions.
 - ii. General Project coordination
 - iii. General Task Supervision.
 7. Task 5 – Title Research
 - i. One (1) day of research at the County Recorder's office to obtain deeds, plats, and other documents related to six (6) properties involved in the project.
 - ii. Purchase Title Commitments for six (6) parcels to be acquired.

- iii. General supervision of the task.
- 8. Task 6 – Topographic Site Survey (South Mahomet Road Phase 2 and Purnell Drive)
 - i. Contact JULIE for design locate within the design corridor.
 - ii. Contact utility companies to request base maps of their facilities.
 - iii. Field tile lines will not be located as part of this task.
 - iv. Field survey work to take cross sections along the proposed alignment of Purnell Drive at 50-foot intervals and obtain other planimetric and elevation features as needed. Cross-sections will be 300 foot wide for the new Purnell Drive. Topographic data will extend north to the U.S. Route 150 and south to proposed South Mahomet Road alignment.
 - v. Field survey work to supplement the existing topographic information for South Mahomet Road acquired in 2020 in the vicinity of the proposed roundabout. Topographic information will be taken at a 50-foot grid interval within the areas of the currently proposed alignment of South Mahomet Road that were not originally surveyed.
 - vi. Preparation of topographic-site survey drawings in a current AutoCAD format which will depict planimetric features, spot elevations, and contour lines.
 - vii. Elevation and dimensional data will be collected on the existing box culvert located 300 feet east of the proposed Purnell Drive alignment.
 - viii. Office reduction and analysis of the field data.
 - ix. Drafting to depict the acquired field data.
 - x. General Task supervision
- 9. Task 7 – Street Right-of-Way Staking
 - i. After completion of final design, stake the centerline of the proposed alignment of South Mahomet Road per Illinois Department of Transportation Recurring Special Provisions for Construction Layout Stakes Check Sheet 9, Department Responsibility Items A and B.
 - ii. Place permanent property corner monuments at all appropriate locations and ROW negotiations are complete.
- 10. Establish horizontal and vertical survey control. Horizontal control will be based on Illinois State Plane Coordinate System, East Zone, North American Datum of 1983/NAD83(2011), and vertical control will be based on the North American Vertical Datum of 1988 (NAVD88).
- 11. Coordination with surveyor. Convert drawing to Microstation for project design

B. Environmental Studies

- 1. Data collection of environmental resources and mapping (i.e., wetland maps, floodplain maps, topographic mapping, etc.).
- 2. Conduct a site reconnaissance survey to inventory environmental resources in the vicinity of the project area and conduct a wetlands and waters survey (this does not include transects). This assumes that no jurisdictional waters will be identified. It is assumed that any stream or wetland features identified will be found isolated from any jurisdictional downstream waters of the U.S.
- 3. Phase I archaeological survey by Fever River Research. Includes shovel probe testing and Phase I archaeological report and coordination letter to IHPA of findings. Assume no archaeological resources will be present.
- 4. Submit an EcoCAT (Ecological Compliance Assessment Tool) on-line review request to the IDNR for review of threatened and endangered species and natural areas. IDNR requires a \$125 consultation review fee. It is assumed that further review and consultation with IDNR will not be needed.
- 5. Prepare farmland conversion coordination letter packet to Illinois Department of Agriculture (IDOA).
- 6. Prepare a Request for Jurisdictional Determination from the U.S. Army Corps of Engineers Rock Island District for potential waters within the project area. This scope assumes that no jurisdictional waters of the U.S. occur in the project area.
- 7. Assumptions for the environmental scope of services:
 - i. This scope does not include preparation of National Environmental Policy Act (NEPA) environmental documentation including a Categorical Exclusion (CE), Environmental Class of Action Determination (ECAD), Environmental Assessment (EA) or Environmental Impact Statement

(EIS).

- ii. This scope does not include a noise analysis; de minimis, individual or programmatic Section 4(f) evaluation; Phase I Environmental Site Assessment (ESA) or Preliminary Site Investigation (PSI); biological surveys or mitigation; or cultural resource surveys or mitigation other than a Phase I archaeological survey.
- iii. A Construction in the Floodway permit, Section 404 permit or Section 401 water quality certification will not be required for this project.

C. Watermain Design (BCA)

1. Preparation of construction drawings for installation of 2,700 lineal feet of 10 inch diameter water main along the right-of-way of proposed South Mahomet Road. Prepare plan and profile sheets.
2. Preparation of construction detail sheets for water main construction.
3. Preparation of construction specifications for installation of water main.
4. Preparation of Illinois Environmental Protection Agency Water Main Construction Permit Application Forms.
5. Preparation of cot estimate for proposed water main.
6. Compilation of summary of quantities for water main.
7. General Task Supervision.
8. Permit fees are not included and will be paid for by the Village.

D. Geotechnical (MET)

1. Field Exploration Drilling Services
 - i. Mobilization
 - ii. Drill 8 soil borings at locations shown on the attached sheet.
 - iii. Complete split-spoon samples
 - iv. Complete Subgrade DCP test
2. Geotechnical Laboratory Services
 - i. SPT Visual Classification
 - ii. Unconfined compression test
 - iii. Determine moisture content
 - iv. Determine CBR/IBR
3. Engineering Services
 - i. Utility Clearance/Boring Layout
 - ii. Lab Testing coordination, Data Compilation and Review
 - iii. Administration, Coordination, QA/QC
4. Coordination with MET

E. Roadway Geometric Design – South Mahomet Road

1. Review existing information
2. Identify alignment controls and design criteria
3. Design horizontal roadway alignment
4. Develop typical sections with pathway and sidewalk (3 lane PCC section with 11' lanes)
5. Develop profile grade line for South Mahomet Road
6. Develop cross sections at 50 foot intervals
7. Identify ROW and Easement needs
8. Identify utility conflicts
9. Prepare plan and profile sheets (@ 1"=20' H., 1"=5' V.) (5 sheets assumed)
10. Prepare drainage design assuming use of open ditches along residential areas and curb and gutter along commercial development, culvert design (assume 2 locations)

F. Roadway Geometric Design – Purnell Road (30% Design)

1. Review existing information
2. Identify alignment controls and design criteria
3. Design horizontal roadway alignment
4. Develop typical sections with pathway and sidewalk (3 lane PCC section with 11' lanes)
5. Develop profile grade line for South Mahomet Road

6. Develop cross sections at 50 foot intervals
 7. Identify ROW and Easement needs
 8. Prepare drainage design – Preliminary sizing of culvert for purposes of setting roadway profile.
- G. Electrical Lighting and Power Design
1. Hanson will coordinate with the utility to determine an available power source for the new light poles at the roundabout.
 2. Photometric Calculations will be run on the Roundabout to determine the proper spacing and wattage of the new light poles. Illuminating Engineering Society (IES) recommendations will be used to determine the design Basis Foot Candle Level for the Roundabout based upon the type of roadway and the amount of pedestrian conflict.
 3. Voltage Drop Calculations will be run for the lighting and other power loads.
 4. Receptacle pedestals will be designed and provided as needed for the roundabout.
 5. Prepare lighting plans and details sheets
 6. Prepare Specifications
 7. Calculate quantities and prepare opinion of probable construction cost
 8. Construction Services: Shop Drawing Review and RFIs
- H. Preparation of construction documents, which include the following minimum items:
1. Title Sheet (w/ Sheet Index)
 2. General Notes, Standard List, Legend/Abbrev.
 3. Summary of Quantities Sheets
 4. Schedule of Quantities
 5. Existing/Proposed Typical Sections
 6. Alignment, Control ties, and TBM Locations
 7. Removal Plan
 8. Plan / Profile Sheets (1" = 20' H & 1" = 5' V)
 9. Drainage Plans
 10. Erosion Control Plans
 11. Storm Water Pollution Prevention Plan (SWPPP)
 12. Intersection Detail (Assume roundabout)
 13. Pavement Marking / Signing and Details
 14. Miscellaneous Details
 15. Cross Section Sheets (with cross-sections every 50' (min.))
 16. State Standard Drawings (compile)
- I. Prefinal Plans, Specifications & Estimates (90%)
1. Prepare special provisions that supplement the current version of IDOT's Standard Specifications for Road and Bridge Construction for the project limits.
 2. Prepare bidding documents on Village forms
 3. Calculate and schedule quantities
 4. Prepare opinion of probable construction cost and estimate of time
 5. QC/QA Review
 6. Plot & submit prefinal PS&E to VILLAGE
- J. Final Plans, Specifications & Estimates
1. Prepare final roadway plans incorporating review comments.
 2. Prepare final special provisions
 3. Prepare disposition of comments
 4. Finalize Quantities
 5. Update opinion of probable construction cost and estimate of time
 6. QC/QA Review
 7. Plot & submit final PS&E to VILLAGE

8. Construction Services: Up to 80 hours (40 hours per project) for construction questions, shop drawing review and RFIs
- K. Project Management
1. Project Startup / Subconsultant agreements
 2. Preparation of Financial and Schedule Controls
 3. Project Management Plan
 4. Financial and schedule control
 5. Project kick-off meeting with VILLAGE
 6. Internal kick-off meeting
 7. Coordination with VILLAGE including meeting minutes (assumes 10 meetings: 5 in person, 5 virtual)
 8. Project Closeout
- L. VILLAGE Responsibilities
- The Village of Mahomet will perform or provide the following:
1. The Village will make available digital files of aerial photographs, contours, and basic topography from the Champaign County G.I.S. data.
 2. The Village will provide the copies of such construction plans as the Village may have on file for existing infrastructure within the project limits.
 3. The Village will provide to Hanson with any existing traffic data currently available from the Village database.
 4. The Village will provide existing ROW and property data.
 5. The Village will attend design meetings to be held at the Village Hall. During each meeting, key elements of the project shall be identified including progress, schedule, submittal review, and other design issues.
- M. The following items are not included in the scope of work but could be provided as an addendum to the contract:
1. Coordination with IDOT for project review – assume project only using TIFF funds
 2. Phase III Construction Services – limited services included above
 3. Preparation of Record Drawings
 4. Utility relocation plans.
 5. Permit Fees
 6. SWPPP Permit – Assume Village to submit

PSMJ Resources, Inc www.psmj.com 1.800.537.7765 (PSMJ) info@psmj.com

Hanson Professional Services Inc.
16L0540C - South Mahomet Road Extension Phase

2 Multiplier 3 Role: Labor Category

Totals		\$210,444	\$104,556	\$315,000	100%	\$ -	\$ -	\$ 1,001	\$ 103,555	\$ 147.89	1,423	153	262	79	145	1	504	248	367	52
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Task #	Task Description	Labor \$	Expenses \$	Total \$	% of Total	Other Direct Costs				Ave Hourly Rate	Total Hours	EASVIII	EASVII	EASVI	EASV	EASIV	EASIII	EASII	TVI	AIV
						Printing	Postage	Travel	Other											
	Survey (BCA)	\$ 6,217	\$ 75,800	82,017	26%	\$ -	\$ -	\$ -	\$ 75,800	\$ 194.30	32	16	-	-	-	-	-	-	16	-
1	Survey - boundary			14,800					\$ 14,800		-									
2	Plats - SMR			8,000					\$ 8,000		-									
3	Plats - Purnell			8,000					\$ 8,000		-									
4	Project Communications			6,300					\$ 6,300		-									
5	Title Research			6,300					\$ 6,300		-									
6	Topographic Survey			18,800					\$ 18,800		-									
7	ROW Staking			13,600					\$ 13,600		-									
8	Coordination			6,217						\$ 194.30	32	16								16
9				-							-									
10	Watermain (BCA)	\$ 4,556	\$ 14,800	19,356	6%	\$ -	\$ -	\$ -	\$ 14,800	\$ 189.83	24	8	-	8	-	-	-	-	8	-
11	Watermain Design			14,800					\$ 14,800		-									
12	Coordination			4,556						\$ 189.83	24	8		8						8
13				-							-									
14	Geotechnical (MET)	\$ 3,590	\$ 4,330	7,920	3%	-	-	-	4,330	\$ 224.40	16	8	-	8	-	-	-	-	-	-
15	Geotechnical Services			4,330					\$ 4,330		-									
16	Coordination			3,590						\$ 224.40	16	8		8						
17				-							-									
18	Environmental Studies	\$ 16,260	\$ 8,746	25,006	8%	-	-	121	8,625	\$ 145.18	112	6	31	-	-	-	71	-	-	4
19	Data Collection			860						\$ 143.40	6		2				4			
20	Conduct Site Reconnaissance/Survey			3,134				\$ 121		\$ 150.67	20		8				12			
21	EcoCAT			1,466				\$ 125		\$ 134.05	10	1	1				8			
22	IDOA Coordination Letter			1,947						\$ 129.81	15	1	2				10			2
23	Wetlands/Waters Determination Report & USACE Coord.			6,731						\$ 140.23	48	2	12				32			2
24	Archaeological Survey & IHPA Coordination (Fever River)			10,868				\$ 8,500		\$ 182.12	13	2	6				5			
25				-							-									
26	Roadway Geometric Design - SMR	\$ 31,151	\$ -	31,151	10%	\$ -	\$ -	\$ -	\$ -	\$ 127.15	245	-	37	12	-	-	99	64	33	-
27	Review existing information			646						\$ 161.57	4		2				2			
28	Identify Alignment Controls and Design Criteria			646						\$ 161.57	4		2				2			
29	Horizotonal Roadway Alignment			1,184						\$ 147.94	8		3				5			
30	Develop Typical Section			578						\$ 144.53	4		1							3
31	Profile Grade Line - At-Grade			2,581						\$ 143.40	18		6				12			
32	Develop XS At-Grade Alternative (50 ft intervals)			10,309						\$ 128.87	80		16				64			
33	Identify ROW and Easement Needs			860						\$ 143.40	6		2				4			
34	Identify Utility Conflicts			430						\$ 143.40	3		1				2			
35	Prepare Plan & Profile Sheets (5 Sheets)			5,342						\$ 127.18	42		4				8			30
36	Drainage Design assuming open ditches			8,574						\$ 112.82	76			12				64		
37	View)			-							-									
38				-							-									
39	Roadway Geometric Design - Purnell Road (30%)	\$ 10,993	\$ -	10,993	3%	\$ -	\$ -	\$ -	\$ -	\$ 130.87	84	-	45	2	144	-	56	146	75	4
40	Review existing information			323						\$ 161.57	2		1				1			
41	Identify Alignment Controls and Design Criteria			646						\$ 161.57	4		2				2			
42	Horizotonal Roadway Alignment			860						\$ 143.40	6		2				4			
43	Develop Typical Section			578						\$ 144.53	4		1							3
44	Profile Grade Line - At-Grade			1,291						\$ 143.40	9		3				6			
45	Develop XS At-Grade Alternative (50 ft intervals)			5,579						\$ 121.29	46		6				40			
46	Identify ROW and Easement Needs			430						\$ 143.40	3		1				2			
47	Identify Utility Conflicts			323						\$ 161.57	2		1				1			
48	Drainage Design - Prelim Culvert Size			962						\$ 120.26	8			2				6		
49				-							-									

Exhibit C

Totals		\$ 210,444	\$ 104,556	\$ 315,000	100%	\$ -	\$ -	\$ 1,001	\$ 103,555	\$ 147.89	1,423	153	262	79	145	1	504	248	367	52
Click here for Help inserting rows		Labor	Expenses	Total	% of	Other Direct Costs				Ave Hourly	Total	EASVIII	EASVII	EASVI	EASV	EASIV	EASIII	EASII	TVI	AIV
		\$	\$	\$	Total	Printing	Postage	Travel	Other	Rate	Hours	267.90	216.06	180.90	149.07	123.39	107.07	100.05	120.69	88.20
50	Electrical Lighting and Power Design	\$ 25,283	\$ -	25,283	8%	\$ -	\$ -	\$ -	\$ -	\$ 130.32	194	-	14	-	72	-	-	70	36	2
51	Coordination with Utility on Service Location			1,593						\$ 132.73	12				8			4		
52	General Coordination & Meetings w/ Design Team & City			2,076						\$ 129.72	16				8			4	4	
53	Lighting and Photometric Calculations			2,013						\$ 118.41	17		1		4			12		
54	Voltage Drop Calculations			914						\$ 130.63	7		1		2			4		
55	General Notes, Standard List, Legend/Abbrev. Drawings			2,096						\$ 123.26	17		1		4			8	4	
56	Lighting and Power Plan Sheets			4,401						\$ 118.94	37		1		6			16	14	
57	Lighting and Power Detail Sheet			2,978						\$ 119.14	25		1		4			12	8	
58	One-Line Diagram / Wiring Diagram Sheet			2,537						\$ 120.81	21		1		4			10	6	
59	Special Provisions			1,585						\$ 144.09	11		1		8					2
60	OPCC & SOQ			1,409						\$ 156.51	9		1		8					
61	Construction Services: Shop Drawing Review and RFIs			3,681						\$ 167.34	22		6		16					
62				-							-									
63	Construction Documents SMR	\$ 64,274	\$ -	64,274	20%	\$ -	\$ -	\$ -	\$ -	\$ 126.03	510	-	64	5	-	-	221	20	192	8
64	Title Sheet (w/ Sheet Index)			578						\$ 144.53	4		1						3	
65	General Notes, Standard List, Legend/Abbrev.			578						\$ 144.53	4		1						3	
66	Summary of Quantities Sheets			888						\$ 147.94	6		2				2		2	
67	Schedule of Quantities			1,799						\$ 128.48	14		2				6		6	
68	Existing/Proposed Typical Sections			2,550						\$ 127.50	20		2				4		14	
69	Alignments, Ties and Benchmarks			457						\$ 152.48	3		1						2	
70	Removal Plan			806						\$ 134.32	6		1				1		4	
71	Plan / Profile Sheets (1" = 20' H & 1" = 5' V)			7,276						\$ 129.94	56		8				18		30	
72	Drainage Plans			3,030						\$ 108.21	28			4				16		8
73	Erosion Control Plans			3,169						\$ 132.05	24		4				8		12	
74	Storm Water Pollution Prevention Plan (SWPPP)			581						\$ 116.22	5			1				4		
75	Intersection Details (Roundabout)			28,787						\$ 123.02	234		24				128		82	
76	Culvert Plans			-							-									
77	Pavement Marking / Signing Plans and Details			2,741						\$ 137.04	20		4				4		12	
78	Miscellaneous Details			1,129						\$ 141.13	8		2				2		4	
79	Cross Section Sheets			9,663						\$ 127.15	76		12				48		16	
80	State Standard Details			241						\$ 120.69	2								2	
81				-							-									
82				-							-									
83	Pre-Final Plans, Specifications and Estimates	\$ 15,820	\$ -	15,820	5%	\$ -	\$ -	\$ -	\$ -	\$ 168.30	94	17	27	-	-	-	20	16	14	-
84	Special provisions			3,664						\$ 229.02	16	4	12							
85	Prepare bidding documents			3,604						\$ 240.25	15	7	8							
86	Calculate and schedule quantities			5,626						\$ 117.22	48		4				16	16	12	
87	Prepare Opinion of Probable Construction Cost and Estimate of Time			860						\$ 143.40	6		2				4			
88	Plot and submit prefinal PS&E			457						\$ 152.48	3		1						2	
89	QC/QA Review			1,607						\$ 267.90	6	6								
90				-							-									
91				-							-									
92	Final Plans , Specifications and Estimates	\$ 24,497	\$ 220	24,717	8%	\$ -	\$ -	\$ 220	\$ -	\$ 178.81	137	27	36	16	-	-	30	-	28	-
93	Final Roadway Plans (Incorporate review comments)			3,654						\$ 152.26	24	2	6				8		8	
94	Special provisions			2,532						\$ 230.20	11	3	8							
95	Disposition of Comments			646						\$ 161.57	4		2				2			
96	Finalize Quantities			672						\$ 134.32	5		1				2		2	
97	Prepare Opinion of Probable Construction Cost and Estimate of Time			646						\$ 161.57	4		2				2			
98	QC/QA Review			1,607						\$ 267.90	6	6								
99	Plot and submit Final PS&E			457						\$ 152.48	3		1						2	
100	Construction Services: Shop Drawing Review and (40 hours per project)			14,502				\$ 220		\$ 178.52	80	16	16	16			16		16	
101				-							-									

Exhibit C

Totals →		\$ 210,444	\$ 104,556	\$ 315,000	100%	\$ -	\$ -	\$ 1,001	\$ 103,555	\$ 147.89	1,423	153	262	79	145	1	504	248	367	52
Click here for Help inserting rows		Labor	Expenses	Total	% of	Other Direct Costs				Ave Hourly	Total	EASVIII	EASVII	EASVI	EASV	EASIV	EASIII	EASII	TVI	AIV
		\$	\$	\$	Total	Printing	Postage	Travel	Other	Rate	Hours	267.90	216.06	180.90	149.07	123.39	107.07	100.05	120.69	88.20
102	Project Management	\$ 33,085	\$ 660	33,745	11%	\$ -	\$ -	\$ 660	\$ -	\$ 195.77	169	71	22	28	1	1	7	2	1	36
103	Project Startup/Initial Case History/Files			712						\$ 178.05	4	2								2
104	Project Management Plan			889						\$ 148.10	6	2								4
105	Financial and Schedule Controls			6,410						\$ 178.05	36	18								18
106	Project Kick-off Meeting with Village			3,445				\$ 110		\$ 185.29	18	6		6			6			
107	Internal Project Kick-off meeting			1,490						\$ 135.43	11	1	2	2	1	1	1	2	1	
107	Meetings & Minutes with Village Staff			20,087				\$ 550		\$ 217.08	90	40	20	20						10
108	(Assume 10 - 5 in person)			-							-									
109	Closeout			712						\$ 178.05	4	2								2
110				-							-									



BERNS, CLANCY AND ASSOCIATES

PROFESSIONAL CORPORATION

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ROGER MEYER
JUSTIN HOUSTON

THOMAS BERNS
1975-2018

MICHAEL BERNS
OF COUNSEL

May 5, 2022

Ms. Cindy Loos, Vice President
Hanson Professional Services Inc.
7625 North University Street
Suite 200
Peoria, Illinois 61614

RE: SURVEYING AND ENGINEERING SERVICES
SOUTH MAHOMET ROAD - PHASE 2
VILLAGE OF MAHOMET, CHAMPAIGN COUNTY, ILLINOIS

Dear **Ms. Loos**;

In accordance with your request, we are pleased to submit the following proposal for Professional Engineering and Surveying services with regard to the extension of South Mahomet Road from Churchill Drive easterly to Prairie View Drive. Our services will include supplemental topographic surveying along the altered route of South Mahomet Road, and topographic surveying along the proposed route of Purnell Drive. Right-of-Way Plats and Temporary Construction Easement Plats will be prepared for all property to be acquired. Construction Plans and Specifications will be prepared for water main improvements to be installed along South Mahomet Road.

We propose to perform our survey work utilizing horizontal control Illinois State Plane Coordinate System, East Zone North American Datum of 1983 / NAD83(2011). Vertical Control will be based upon North American Vertical Datum of 1988 (NAVD88). (Same datum as Phase One of South Mahomet Road).

Based upon the information outlined above and our knowledge of this particular area (see attached exhibit), we estimate this Project may entail the following tasks and associated fees and expenses:

7465-20

Task 1 – Field Investigations

1. Acquisition and research of historic information, including right-of-way and property information.
2. Three (3) days of field survey work to obtain property boundary information.
3. Field Survey Work to obtain horizontal and vertical control data for eight (8) soil boring locations.
4. Office reduction and analysis of the field data acquired.
5. Acquisition of ground photography.
6. Drafting to depict the acquired field data.
7. General supervision of the project by an Illinois Professional Engineer / Land Surveyor / Principal of Firm.

Principal of the Firm	2 hours at \$178 per hour	\$ 356
Surveyor Grade 5	10 hours at \$136 per hour	\$ 1,360
3-Person Survey Crew	30 hours at \$273 per hour	\$ 8,190
Technician Grade 4	20 hours at \$100 per hour	\$ 2,000
Technician Grade 2	20 hours at \$ 76 per hour	<u>\$ 1,520</u>
		\$ 13,426
Estimated Expenses		<u>\$ 1,374</u>

Total Estimated Fees and Expenses for
Task 1 – Field Investigations **\$ 14,800**

Task 2 – Right-of-Way and Easement Plats – South Mahomet Road

1. Preparation of two (2) Plats and Legal Descriptions of property to be acquired for street right-of-way purposes.
2. Preparation of two (2) Plats and Legal Descriptions for Temporary Construction Easements to be acquired.
3. General supervision of the project by an Illinois Professional Engineer / Land Surveyor / Principal of Firm.

Principal of the Firm.....	4 hours at \$178 per hour.....	\$ 712
Surveyor Grade 5	10 hours at \$136 per hour.....	\$ 1,360
Technician Grade 4	40 hours at \$100 per hour.....	\$ 4,000
Technician Grade 2	15 hours at \$ 76 per hour.....	\$ 1,146
		\$ 7,212
Estimated Expenses		\$ 788

**Total Estimated Fees and Expenses for
Task 2 – Right-of-Way and Easement Plats – South Mahomet Road.....\$ 8,000**

Task 3 – Right-of-Way and Easement Plats – Purnell Drive

1. Preparation of two (2) Plats and Legal Descriptions of property to be acquired for street right-of-way purposes.
2. Preparation of two (2) Plats and Legal Descriptions for Temporary Construction Easements to be acquired.
3. General supervision of the project by an Illinois Professional Engineer / Land Surveyor / Principal of Firm.

Principal of the Firm.....	4 hours at \$178 per hour.....	\$ 712
Surveyor Grade 5	10 hours at \$136 per hour.....	\$ 1,360
Technician Grade 3	40 hours at \$100 per hour.....	\$ 4,000
Technician Grade 2	15 hours at \$ 76 per hour.....	\$ 1,146
		\$ 7,212
Estimated Expenses		\$ 788

**Total Estimated Fees and Expenses for
Task 3 – Right-of-Way and Easement Plats – Purnell Drive.....\$ 8,000**

Task 4 – Project Communications

1. Attendance at five (5) meetings with Hanson staff, Village staff and / or the Village Attorney to review the Project and answer questions.
2. Coordination, communication, phone conferences, email correspondence and liaison with Village Attorney, Hanson staff, and Village staff.
3. General supervision of the project by an Illinois Professional Engineer / Land Surveyor / Principal of Firm.

Principal of the Firm.....	2 hours at \$178 per hour.....	\$	356
Surveyor Grade 5	40 hours at \$136 per hour.....	\$	5,440
			\$ 5,796

Estimated Expenses \$ 504

**Total Estimated Fees and Expenses for
Task 4 – Project Communications \$ 6,300**

Task 5 – Title Research

1. One (1) day of research at the County Recorder’s office to obtain deeds, plats, and other documents related to the six (6) properties involved with the project.
2. Purchase of Title Commitments for six (6) parcels to be acquired.
3. General supervision of the project by a Professional Engineer / Land Surveyor / Principal of the Firm.

Principal of the Firm.....	2 hours at \$178 per hour.....	\$	356
Surveyor Grade 5	10 hours at \$136 per hour.....	\$	1,360
Technician Grade 3	20 hours at \$ 94 per hour.....	\$	1,880
			\$ 3,596

Estimated Expenses \$ 304

Title Search Fees – Six (6) parcels at \$400 per parcel \$ 2,400

**Total Estimated Fees and Expenses for
Task 5 – Title Research \$ 6,300**

Task 6 – Topographic – Site Survey (South Mahomet Road Phase 2 and Purnell Drive)

1. Contact JULIE for design locate within the design corridor.
2. Contact utility companies and request base maps of their facilities.
3. Field tile lines will NOT be located as a part of this Task.
4. Field Survey Work to take cross-sections along the proposed alignment of Purnell Drive at a 50-foot interval and obtain other planimetric and elevation features as needed. Cross-sections will be 300 feet wide for the new Purnell Drive, as shown on the attached exhibit. Topography data will extend north to U.S. Route 150 and south to the proposed South Mahomet Road alignment.

5. Field Survey Work to supplement the existing topographic information for South Mahomet Road acquired in 2020 in the vicinity of the proposed roundabout. Topographic information will be taken at a 50-foot grid interval within areas of the currently proposed alignment of South Mahomet Road that were not originally surveyed.
6. Preparation of topographic-site survey drawings in a current AutoCAD format which will depict planimetric features, spot elevations, and contour lines. This drawing will be submitted to Hanson in a format to be incorporated into Micro Station. Hanson will draw cross-sections, profiles, and other design-relevant items.
7. Elevation and dimensional data will be collected concerning the existing box culvert located 300 ± feet east of the proposed Purnell Drive alignment.
8. Office reduction and analysis of the field data acquired.
9. Acquisition of ground photography.
10. Drafting to depict the acquired field data.
11. General supervision of the project by a Professional Engineer / Land Surveyor / Principal of the Firm.

Survey work will utilize horizontal control Illinois State Plane Coordinate System, East Zone North American Datum of 1983 / NAD83(2011). Vertical Control will be based upon North American Vertical Datum of 1988 (NAVD88).

Professional Grade 7 Land Surveyor /	
Principal of the Firm.....	5 hours at \$178 per hour.....\$ 890
2-Person Survey Crew.....	40 hours at \$188 per hour.....\$ 7,520
Surveyor Grade 5	20 hours at \$136 per hour.....\$ 2,720
Technician Grade 4	40 hours at \$100 per hour.....\$ 4,000
Technician Grade 3	20 hours at \$ 94 per hour.....\$ 1,880
Estimated Fees.....	\$ 17,010
Estimated Expenses	\$ 1,790
Total Estimated Fees and Expenses for	
Task 6 – Topographic Site Survey.....	\$ 18,800

Task 7 – Water Main Design

1. Preparation of construction drawings for installation of 2,700 lineal feet of 10 inch diameter water main along the right-of-way of proposed South Mahomet Road. Plan profile sheets prepared by Hanson will be modified to add water main construction information.
2. Preparation of construction detail sheets for water main construction.
3. Preparation of construction specifications for installation of water main.
4. Preparation of Illinois Environmental Protection Agency Water Main Construction Permit application forms.
5. Preparation of a cost estimate for proposed water main improvement.
6. Compilation of a summary of quantities for water main improvements.
7. General supervision of the project by an Illinois Professional Engineer / Land Surveyor / Principal of Firm.

Note: This project phase does not include preparation of permit documents for consultation with the Illinois Department of Natural Resources concerning Threatened and Endangered Species, or consultation with the Illinois Historic Preservation Agency.

Principal of the Firm	5 hours at \$178 per hour	\$ 890
Engineer Grade 5	20 hours at \$136 per hour	\$ 2,720
Engineer Grade 4	20 hours at \$118 per hour	\$ 2,360
Technician Grade 4	60 hours at \$100 per hour	\$ 6,000
Technician Grade 2	20 hours at \$ 76 per hour	<u>\$ 1,520</u>
		\$ 13,490
 Estimated Expenses		 <u>\$ 1,310</u>

**Total Estimated Fees and Expenses for
Task 7 – Water Main Design.....\$ 14,800**

Task 8 – Street Right-of-Way Staking

1. After completion of final design by Hanson we propose to stake the centerline of the proposed alignment of South Mahomet Road per Illinois Department of Transportation Recurring Special Provisions for Construction Layout Stakes Check Sheet 9, Department responsibility Items A and B.
2. After completion of the street right-of-way Plats, we propose to place permanent property corner monuments at all appropriate locations.

Principal of the Firm.....	5 hours at \$178 per hour.....	\$ 890
Engineer Grade 5	20 hours at \$136 per hour.....	\$ 2,720
Surveyor Grade 4	20 hours at \$118 per hour.....	\$ 2,360
2 Person Survey Crew	30 hours at \$188 per hour.....	\$ 5,640
Technician Grade 2	10 hours at \$ 76 per hour.....	\$ 760
		\$ 12,370

Estimated Expenses \$ 1,230

**Total Estimated Fees and Expenses for
Task 8 – Pavement Right-of-Way Staking.....\$ 13,600**

SUMMARY OF ESTIMATED FEES AND EXPENSES

		Estimated Fees	Estimated Expenses	Estimated Total
Task 1	Field Investigations	\$13,426	\$1,374	\$14,800
Task 2	SMR ROW	\$7,212	\$788	\$8,000
Task 3	Purnell ROW	\$7,212	\$788	\$8,000
Task 4	Communications	\$5,796	\$504	\$6,300
Task 5	Title Research	\$3,596	\$2,704	\$6,300
Task 6	Topographic Survey	\$17,010	\$1,790	\$18,800
Task 7	Water Main	\$13,490	\$1,310	\$14,800
Task 8	ROW Staking	\$12,370	\$1,230	\$13,600
Totals:		\$80,112	\$10,488	\$90,600

Based upon the information and scope of work outlined above and our knowledge of this particular location, we estimate that Phase 2 of the South Mahomet Road Project may entail engineering and surveying fees of approximately \$80,100 plus expenses of approximately \$10,500.

The Engineer further proposes a “Not-To-Exceed” limit for fees plus expenses of \$100,000. These “Not-To-Exceed” fee limitations do not include any authorized additional services that might be performed that are beyond the scope of work set forth above. The data above is provided as our current best estimate of the professional engineering costs Hanson might incur regarding the above-referenced project.

Potential Additional Services Not Included In The Estimates Above:

1. Subsurface or soils investigations or testing beyond those outlined above.
2. Exploratory excavation for utilities, tile lines or other conflicts.
3. Surveying and document preparation for any needed permanent or temporary easements or permanent right-of-way outside of the documents outlined herein.
4. Assistance with negotiations for right-of-way acquisition.
5. Assistance with financing analyses for the project.
6. Special negotiations or communications with landowners or others.
7. Special negotiations with utility companies or public agencies regarding facility or utility relocation timetables and costs.
8. Coordination of Archaeological Survey or Endangered Species Subconsultants.
9. Additional effort to design improvements not a part of the Project as outlined herein.
10. Services regarding hazardous waste issues of any fashion.
11. Attendance at additional meetings beyond those outlined in the above Scope of Services.
12. Preparation and submission of special reports concerning unusual circumstances or unanticipated difficulties; preparation of any other reports beyond those previously outlined as Anticipated Services.
13. Revision of Plats and Legal Descriptions to incorporate changes in project design or modifications to accommodate negotiated terms with landowners.
14. Providing any other services in connection with the Project not otherwise included in this Agreement or not customarily furnished in accordance with generally accepted engineering practice.

The extent and scope of work of the **Potential Additional Services** Task of the project are dependent upon the actions of others and the specific directions given to us by Hanson. At this time, we can make no estimate of the time, effort, and ultimate costs that will be required in the performance of services under this Task of the project, if any.

The Engineer proposes to provide Professional Engineering Services required by other than those specifically outlined above as Anticipated Services as required and directed by you and as herein set forth on a per diem basis utilizing the attached Standard Fee Schedule or subsequent revisions. Engineer shall not be required to obtain preapproval for authorized additional services as outlined herein.

PERSONNEL

We propose to provide qualified personnel during all Tasks of our work. We further propose that the project will be under the direct personal supervision and control of the Professional Engineer / Land Surveyor / Principal of the firm. We feel that the direct personal involvement of the Principal of the Firm will help provide to you the highest quality of service possible for us to supply and indicates our complete involvement and consideration.

Edward Clancy, P.E., L.S., will be in charge of the project with regard to Quality Control and Quality Assurance reviews.

Roger Meyer, P.E., L.S., will be assigned as Project Surveyor and will be in charge of field data acquisition and calculations, research and office work.

Don Wauthier, E.I.T., will be assigned as overall project manager coordinating the project team and overseeing their activities.

SCHEDULES / SUBMITTALS

At the conclusion of the **Topographic-Site Survey Task**, we propose to submit to you one (1) CD-ROM of the Plat and Engineer's / Surveyor's Report prepared. We anticipate beginning work approximately one (1) week after receipt of authorization to proceed and anticipate completion approximately seven (7) weeks after receipt of authorization to proceed, and upon receipt of the appropriate background information for the property and adjacent tracts from you, from utility companies, and weather permitting. We propose to perform the above professional services for the exclusive benefit of **Hanson** and at the specific direction of **Ms. Cindy Loos** or your authorized representative.

At the conclusion of the Right-of-Way Tasks, Survey Plats with Legal Descriptions will be provided for each of the parcels to be acquired.

We appreciate this opportunity to submit this proposal to you, and we look forward to hearing from you in the near future. This proposal is valid for thirty (30) days from this date. After that period, it is subject to review and renegotiation. **We are prepared to expand or contract the scope of services and the resultant fees and expenses outlined above to suit your requirements.**


If you find the above proposal acceptable, please sign in the space provided below and return a complete copy of this proposal to us as our formal authorization to proceed. If you have any questions or comments, please contact us at any time. **Thank you.**

Sincerely,

APPROVED:

BERNS, CLANCY AND ASSOCIATES, P.C.

Signature


Edward L. Clancy, P.E., L.S., President

Date



BERNS, CLANCY AND ASSOCIATES

PROFESSIONAL CORPORATION

ENGINEERS • SURVEYORS • PLANNERS

August 1, 2021

EDWARD CLANCY
CHRISTOPHER BILLING
DONALD WAUTHIER
GREGORY GUSTAFSON
JUSTIN HOUSTON

THOMAS BERNS
1975-2018

MICHAEL BERNS
OF COUNSEL

STANDARD FEE SCHEDULE FOR PROFESSIONAL ENGINEERING, SURVEYING, AND PLANNING SERVICES

HOURLY RATE

PRINCIPAL OF FIRM, PREPARATION & TESTIMONY AS EXPERT WITNESS	\$300
PRINCIPAL OF FIRM, ENGINEER, SURVEYOR OR PLANNER GRADE 7	178
ENGINEER, SURVEYOR OR PLANNER GRADE 6.....	151
ENGINEER, SURVEYOR OR PLANNER GRADE 5.....	136
ENGINEER, SURVEYOR OR PLANNER GRADE 4.....	118
ENGINEER, SURVEYOR OR PLANNER GRADE 3.....	100
ENGINEER, SURVEYOR OR PLANNER GRADE 2.....	93
ENGINEER, SURVEYOR OR PLANNER GRADE 1.....	85
TECHNICIAN / DRAFTER / CONSTRUCTION OBSERVER GRADE 5.....	\$106
TECHNICIAN / DRAFTER / CONSTRUCTION OBSERVER GRADE 4.....	100
TECHNICIAN / DRAFTER / CONSTRUCTION OBSERVER GRADE 3.....	94
TECHNICIAN / DRAFTER / CONSTRUCTION OBSERVER GRADE 2.....	76
TECHNICIAN / DRAFTER / CONSTRUCTION OBSERVER GRADE 1.....	70
FOUR-PERSON SURVEY CREW.....	\$349
THREE-PERSON SURVEY CREW.....	273
TWO-PERSON SURVEY CREW.....	188

ADDITIONAL SERVICES:

- SUBCONSULTANTS: UTILITY LOCATES, SOIL INVESTIGATIONS, MATERIAL TESTING, AERIAL PHOTOGRAPHY, PHOTOGRAMMETRIC MAPPING – STRUCTURAL, ELECTRICAL, AND MECHANICAL ENGINEERING – THESE SERVICES WILL BE BILLED AT COST PLUS 10%.
- PHOTOCOPIES, PLAN COPIES, EXPRESS DELIVERIES, EQUIPMENT RENTALS, POSTAGE, FIELD SUPPLIES, ETC., BEYOND SCOPE OF JOB WILL BE BILLED AS ADDITIONAL SERVICES.

8/1/2021



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

7/19/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(les) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Arthur J. Gallagher Risk Management Services, Inc. 118 S. Race St Urbana IL 61803	CONTACT NAME: Jessica Schmidgall	FAX (A/C, No):
	PHONE (A/C, No, Ext): 309-407-3077	
	E-MAIL ADDRESS: jessica_schmidgall@ajg.com	
	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A: Hanover Insurance Company	22292
	INSURER B: Accident Fund Insurance Company of America	10166
	INSURER C: Selective Insurance Company of SC	19259
	INSURER D: Cincinnati Insurance Company	10677
	INSURER E:	
	INSURER F:	

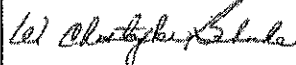
COVERAGES **CERTIFICATE NUMBER:** 1751746021 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

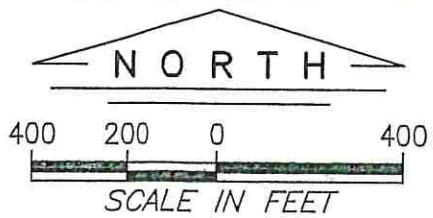
INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
C	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:			EPP0614359	5/3/2021	5/3/2022	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000 MED EXP (Any one person) \$ 15,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
D	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			EPP0614359	5/3/2021	5/3/2022	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
C	<input type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$			EPP0614359	5/3/2021	5/3/2022	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ \$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	WCV 6195614 02	7/20/2021	7/20/2022	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A	Professional Liab			LHCD56592303	4/23/2021	4/23/2022	Occurrence \$5,000,000 Aggregate \$5,000,000 Deductible \$25,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER **CANCELLATION**

Proof of Insurance	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE 

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— AREA OF INTEREST

PIN PERMANENT INDEX NUMBER

TAX PARCELS FROM CHAMPAIGN COUNTY GIS TAX PARCEL MAP. DATED OCTOBER 31, 2017.
 AERIAL PHOTOGRAPHY FROM CHAMPAIGN COUNTY GIS. DATED OCTOBER 2, 2020.

SOUTH MAHOMET ROAD
 PHASE 2 ALIGNMENT
 MAHOMET, CHAMPAIGN COUNTY, ILL.



BERNS, CLANCY AND ASSOCIATES
 ENGINEERS • SURVEYORS • PLANNERS
 405 EAST MAIN STREET - POST OFFICE BOX 755
 URBANA, ILLINOIS 61803-0755
 PHONE: (217) 384-1144 - FAX: (217) 384-3355

SHEET 1 OF 1 DATE: 022222 JOB: 302-1253



Ms. Cindy Loos
Hanson Professional Services Inc.
7625 N University St., Suite 200
Peoria, IL 61614
cloos@hanson-inc.com

Geotechnical Services
South Mahomet Road Extension
Mahomet, Illinois
MET Proposal No. C22103
April 26, 2022

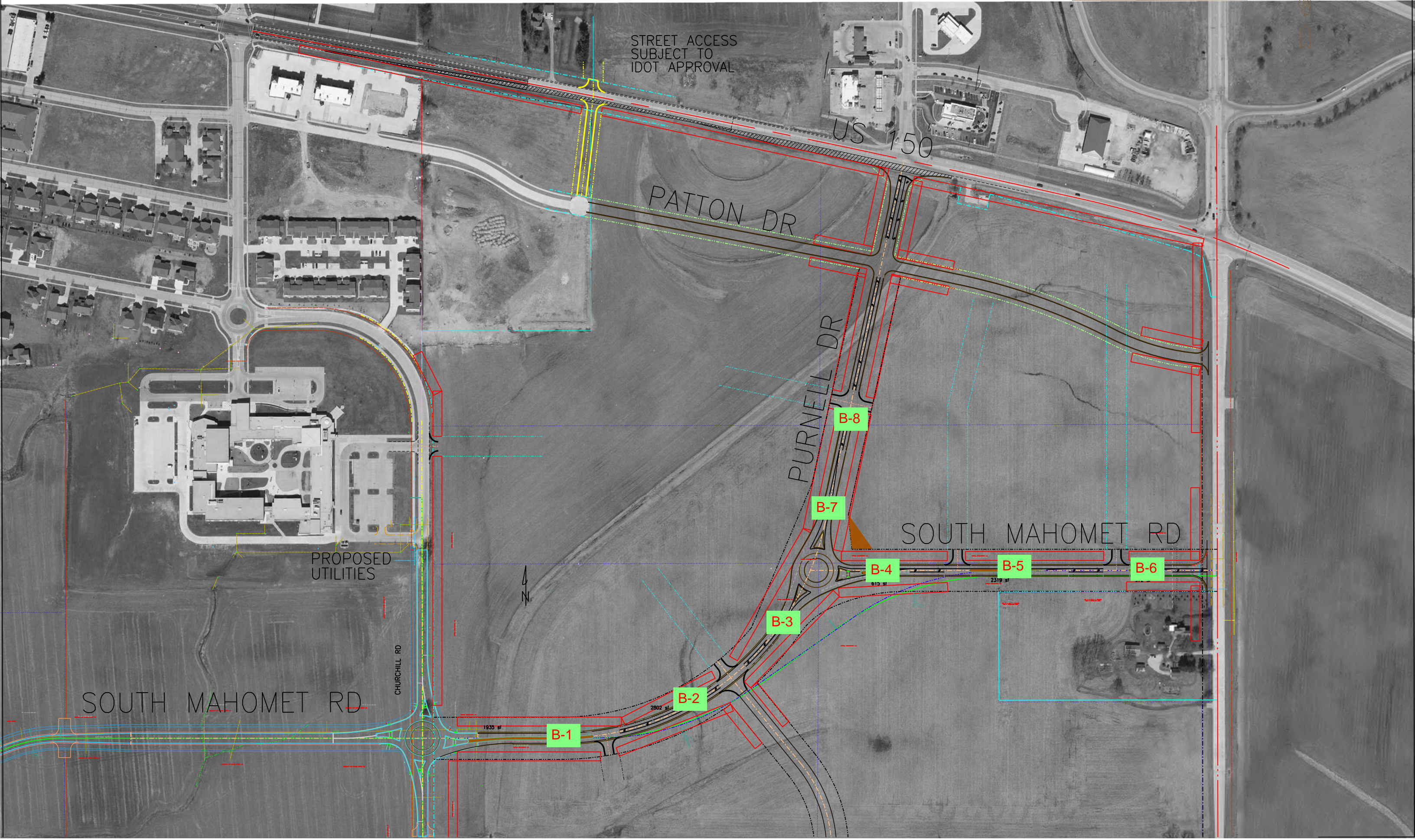
ESTIMATE WORKSHEET

		<u>Quantity</u>	<u>Unit Fee</u>	<u>Total</u>
<i>Field Exploration Drilling Services</i>				
Mobilization of drilling equipment and personnel	1	Lump Sum	\$400.00	\$400.00
Support Vehicle Daily Trip Charge	1	Days	\$125.00	\$125.00
Drill Crew per diem	0	Nights	\$300.00	\$0.00
SPT Soil Borings from 0-25 ft. per ft.	48	Feet	\$15.00	\$720.00
Shelby Tube Sample Surcharge	0	Each	\$30.00	\$0.00
Subgrade DCP Test	8	Each	\$25.00	\$200.00
Subtotal for Field Service:				\$1,445.00
<i>Geotechnical Laboratory Testing Services</i>				
SPT Visual Classification	24	Tests	\$5.00	\$120.00
Unconfined Compression (Rimac)	24	Tests	\$5.00	\$120.00
Moisture Content	24	Tests	\$5.00	\$120.00
Grain Size Analysis Hydrometer and Sieve	2	Tests	\$150.00	\$300.00
Atterberg Limits (PL, LL and PI)	2	Tests	\$125.00	\$250.00
Standard Proctor	2	Tests	\$150.00	\$300.00
CBR / IBR, single-point	2	Tests	\$450.00	\$900.00
Subtotal for Lab Services:				\$2,110.00
<i>Engineering Services</i>				
Utility Clearance/ Boring Layout	1	Hours	\$125.00	\$125.00
Lab Testing Coordination, Data Compilation, and Review	4	Hours	\$125.00	\$500.00
Administration, Coordination and QA/QC	1	Hours	\$150.00	\$150.00
Subtotal for Engineering Services:				\$775.00
TOTAL ESTIMATED FEE:				<u>\$4,330.00</u>

PURNELL STREET PLANNING

LEGEND

ACCESS CONTROL	
US 150 WIDENING	



STREET ACCESS
SUBJECT TO
IDOT APPROVAL

US 150

PATTON DR

PURNELL DR

SOUTH MAHOMET RD

SOUTH MAHOMET RD

CHURCHILL RD

PROPOSED
UTILITIES

B-1

B-2

B-3

B-4

B-5

B-6

B-7

B-8

1935 st

2802 st

615 st

2319 st

DISCLOSURE AFFIDAVIT

(Fill in state and county in which affidavit is being signed)

STATE OF **Illinois**)
) ss.
COUNTY OF **Peoria**)

I, the undersigned, being duly sworn, do state as follows:

SECTION 1. BUSINESS STATUS STATEMENT

A. **Hanson Professional Services Inc.** (hereafter "Contractor" or "Vendor") is a **Contractor**:

Contractor's Federal Tax Identification Number, or in the case of an individual or sole proprietorship, Social Security Number: **37-0844717**

(If a Corporation, complete B; If a Partnership or LLC, complete C; If an Individual, complete D)

B. **CORPORATION**

The State of Incorporation is **Delaware.**

Registered Agent of Corporation in Illinois: <u>Harvey B. Stephens</u> Name <u>700 1st National Bank Bldg.</u> Address <u>Springfield, IL 62701</u> City, State, Zip <u>217-544-8491</u> Telephone	Business Information (If Different from Registered Agent): _____ Company Address, Principal Office _____ City, State, Zip _____ Telephone _____ Facsimile _____ Website
---	---

The corporate officers are as follows (list and identify all corporate officers - attach additional sheets if necessary):

President: **Jeffery T. Ball**

Vice President: **Please see attached.**

Secretary: **Dennis J.Hollahan**

Attach a List of all shareholders owning five percent (5%) or more of the stock in the corporation.

C. **PARTNERSHIP OR L.L.C.**

The business address is: _____

Telephone: _____ Fax: _____

Website or Email Address: _____

The partners or members are as follows: (Attach additional sheets if necessary)

(Name, Home Address and Telephone)
(Name, Home Address and Telephone)
(Name, Home Address and Telephone)

Manager of LLC (attach additional sheets as needed):

Name:
Address:
Telephone:

D. INDIVIDUAL PROPRIETORSHIP

The business address is _____

Telephone: _____ Fax: _____

My home address is _____

Telephone: _____ Fax: _____

Email or website: _____

SECTION 2. NON-COLLUSION STATEMENT

A. This proposal, bid or contract is made without any connection or common interest in the profits with any other person other than the Vendor except as listed on a separate attached sheet to this affidavit.

Check One:

_____ Others Interested in Contract None

B. No department director or any employee or any officer of the Village of Mahomet has any financial interest, directly or indirectly, in the award of this contract except as listed on a separate attached sheet to this affidavit.

C. That the Contractor/Vendor is not barred from bidding on any contract, if bidding process was used) as a result of violation of 720 ILCS 5/33E-3 and 5/33E-4 (Bid Rigging or Bid Rotating).

SECTION 3. DRUG FREE WORKPLACE AND DELINQUENT ILLINOIS TAXES STATEMENT

The undersigned states under oath that the Contractor/Vendor is in full compliance with the Illinois Drug Free Workplace Act, 30 ILCS 580/1. The undersigned also states under oath and certifies that Contractor/Vendor is not delinquent in payment of any tax administered by the Illinois Department of Revenue except that the taxes for which liability for the taxes or the amount of the taxes are being contested, in accordance with the procedures established by the appropriate Revenue Act; or that the Vendor has entered into an agreement(s) with the Illinois Department of Revenue for the payment of all taxes due and is in compliance with the agreement.

SECTION 4. FAMILIARITY WITH LAWS STATEMENT

The undersigned, being duly sworn, hereby states that the Contractor/Vendor and its employees are familiar with and will comply with all Federal, State and local laws applicable to the project, which may include, but is not limited to, the Prevailing Wage Act and the Davis-Bacon Act.

CONTRACTOR/VENDOR

Signature

Printed Name: **Lucinda A. Loos**

Title: **Vice President**

SUBSCRIBED and SWORN to before me this ____ day of _____, 20__.

Notary Public

My Commission Expires: _____

Attachment to Exhibit D

B. CORPORATION

The corporate officers are as follows (list and identify all corporate officers – attach additional sheets if necessary)

Hanson Board of Directors

Sergio A. Pecori, Chairman
Jeffery T. Ball
Stephen L. Alm
Mina Biggs
Jeffery Bowen
Kipkoech K. Chepkoiit
Ronda K. Folkerts
Dennis Hollahan
Wifredo Rivera, Jr.

Hanson Officers

Sergio A. Pecori, Chief Executive Officer
Jeffery T. Ball, President and Chief Operating Officer
Ronda K. Folkerts, Executive Vice President/Chief Financial Officer/Treasurer
Dennis J. Hollahan, Vice President/Secretary/General Counsel
Thomas E. Bartolomucci, Senior Vice President
Jeffrey L. Bowen, Senior Vice President
William C. Bradford, Senior Vice President
Mathew A. Fletcher, Senior Vice President
James P. Messmore, Senior Vice President
John A. Michael, Senior Vice President
Charles H. Snowden, Senior Vice President
David M. Thomson, Senior Vice President
Daniel J. Whalen, Senior Vice President
Anna A. Aldridge, Vice President
Steve L. Alm, Vice President
Mina Biggs, Vice President/Chief People Officer
Jeffrey V. Easley, Vice President
Michael W. Flatt, Vice President
Kevin Fuhr, Vice President
Shawn L. Goetz, Vice President
Grant A. Jackson, Vice President
David K. Kemp, Vice President
Stuart M. Kemp, Vice President
Brian P. Lemieux, Vice President
Lucinda A. Loos, Vice President
David R. McDonald, Jr., Vice President
John W. Nelson, Vice President
Michael A. Pochop, Vice President
Daniel J. Rayhill, Vice President
Wilfredo Rivera Jr., Vice President
Matthew H. Schrader, Vice President
R. Blake Swafford, Vice President

Mark G. Thompson, Vice President
Todd N. Zimmerman, Vice President
Kurt N. Bialobreski, Assistant Vice President
Andrew Canopy, Assistant Vice President
Kipkoech K. Chepkoit, Assistant Vice President
Gary L. Clack, Assistant Vice President
Anthony K. Comerio, Assistant Vice President
Matthew G. Dawson, Assistant Vice President
Howard N. Gotschall, Assistant Vice President
J. Matthew Heyen, Assistant Vice President
Richard McPhail, Assistant Vice President
Bradley W. Perrott, Assistant Vice President
William P. Pongracz, Assistant Vice President
Lauren Schroedter, Assistant Vice President
Clinton C. Smith, Assistant Vice President
Terald E. Smith, Assistant Vice President
Barry S. Stolz, Assistant Vice President
Craig B. Thompson, Assistant Vice President
Robert A. Waller, Assistant Vice President
Dennis G. Wilkinson, Assistant Vice President
Joseph D. Worley, Assistant Vice President

Officer Positions with Limited Corporate Authority and Responsibility

These officers are not responsible for executing documents committing the corporation

Donald D. Oglesby, Senior Vice President
James A. Trachtman, Vice President
R. Clayton Scott, Vice President

List of all shareholders owning five percent (5%) or more of the stock in the corporation.

Hanson Professional Services Inc. is a wholly owned subsidiary of Hanson Group Inc. Hanson Group Inc. is wholly owned by employees of Hanson Professional Services Inc. and the Hanson Group Inc. Employee Stock Ownership Trust (ESOT). No individual employee-shareholder owns more than 5% of outstanding shares. The only shareholder/entity with greater than 5% ownership is the ESOT, which owns 63.66%.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
05/02/2022

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

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PRODUCER TROXELL 214 South Grand Ave West P.O. Box 3757 Springfield IL 62704		CONTACT NAME: Heidi Gibson PHONE (A/C, No, Ext): (217) 321-3219 FAX (A/C, No): (217) 321-4219 E-MAIL ADDRESS: hgibson@troxellins.com	
INSURED Hanson Professional Services Inc. 1525 South 6th Street Springfield IL 62703-2801		INSURER(S) AFFORDING COVERAGE INSURER A: Cincinnati Insurance Company INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:	
		NAIC # 10677	

COVERAGES **CERTIFICATE NUMBER:** CL21112338008 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			EPP0520969	01/01/2022	01/01/2023	EACH OCCURRENCE	\$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 500,000
							MED EXP (Any one person)	\$ 10,000
							PERSONAL & ADV INJURY	\$ 1,000,000
							GENERAL AGGREGATE	\$ 2,000,000
							PRODUCTS - COMP/OP AGG	\$ 2,000,000
								\$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			EBA0520969	01/01/2022	01/01/2023	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
							BODILY INJURY (Per person)	\$
							BODILY INJURY (Per accident)	\$
							PROPERTY DAMAGE (Per accident)	\$
								\$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 0			EPP0520969	01/01/2022	01/01/2023	EACH OCCURRENCE	\$ 10,000,000
							AGGREGATE	\$ 10,000,000
								\$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	EWC0473222	01/01/2022	01/01/2023	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER	
							E.L. EACH ACCIDENT	\$ 1,000,000
							E.L. DISEASE - EA EMPLOYEE	\$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	\$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Project: 16L0540C-South Mahomet Road Extension Phase 2 PM/CLoos
Village of Mahomet, its officers and employees are additional insureds in respects to the general liability per written contract subject to the terms and conditions of the policy. Primary and non-contributory language applies.

CERTIFICATE HOLDER Village of Mahomet 503 E. Main St. P.O. Box 259 Mahomet IL 61853	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE 



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
05/03/2022

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PRODUCER Holmes Murphy and Associates - Peoria 311 S.W. Water Street Suite 211 Peoria, IL 61602-4108 1-800-527-9049	CONTACT NAME: Linda Bomarito PHONE (A/C. No. Ext): 309-282-3903 E-MAIL ADDRESS: lbomarito@holmesmurphy.com FAX (A/C. No): 866-501-3945
INSURED Hanson Professional Services Inc. 1525 South 6th Street Springfield, IL 62703	INSURER(S) AFFORDING COVERAGE INSURER A: XL SPECIALTY INS CO INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:
	NAIC # 37885

COVERAGES

CERTIFICATE NUMBER: 65343334

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:						EACH OCCURRENCE	\$
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$
							MED EXP (Any one person)	\$
							PERSONAL & ADV INJURY	\$
							GENERAL AGGREGATE	\$
							PRODUCTS - COMP/OP AGG	\$
								\$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident)	\$
							BODILY INJURY (Per person)	\$
							BODILY INJURY (Per accident)	\$
							PROPERTY DAMAGE (Per accident)	\$
								\$
	UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE	\$
							AGGREGATE	\$
								\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y/N <input checked="" type="checkbox"/> N/A (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						PER STATUTE	OTH-ER
							E.L. EACH ACCIDENT	\$
							E.L. DISEASE - EA EMPLOYEE	\$
							E.L. DISEASE - POLICY LIMIT	\$
A	Professional Liability (Claims Made)			DPR9986960	01/01/22	01/01/23	Each Claim	10,000,000
							Aggregate	10,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Project: 16L0540C - South Mahomet Road Extension Phase 2 PM/CLoos

CERTIFICATE HOLDER

Village of Mahomet

503 E. Main St.
P.O. Box 259
Mahomet, IL 61853

USA

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

[Signature]

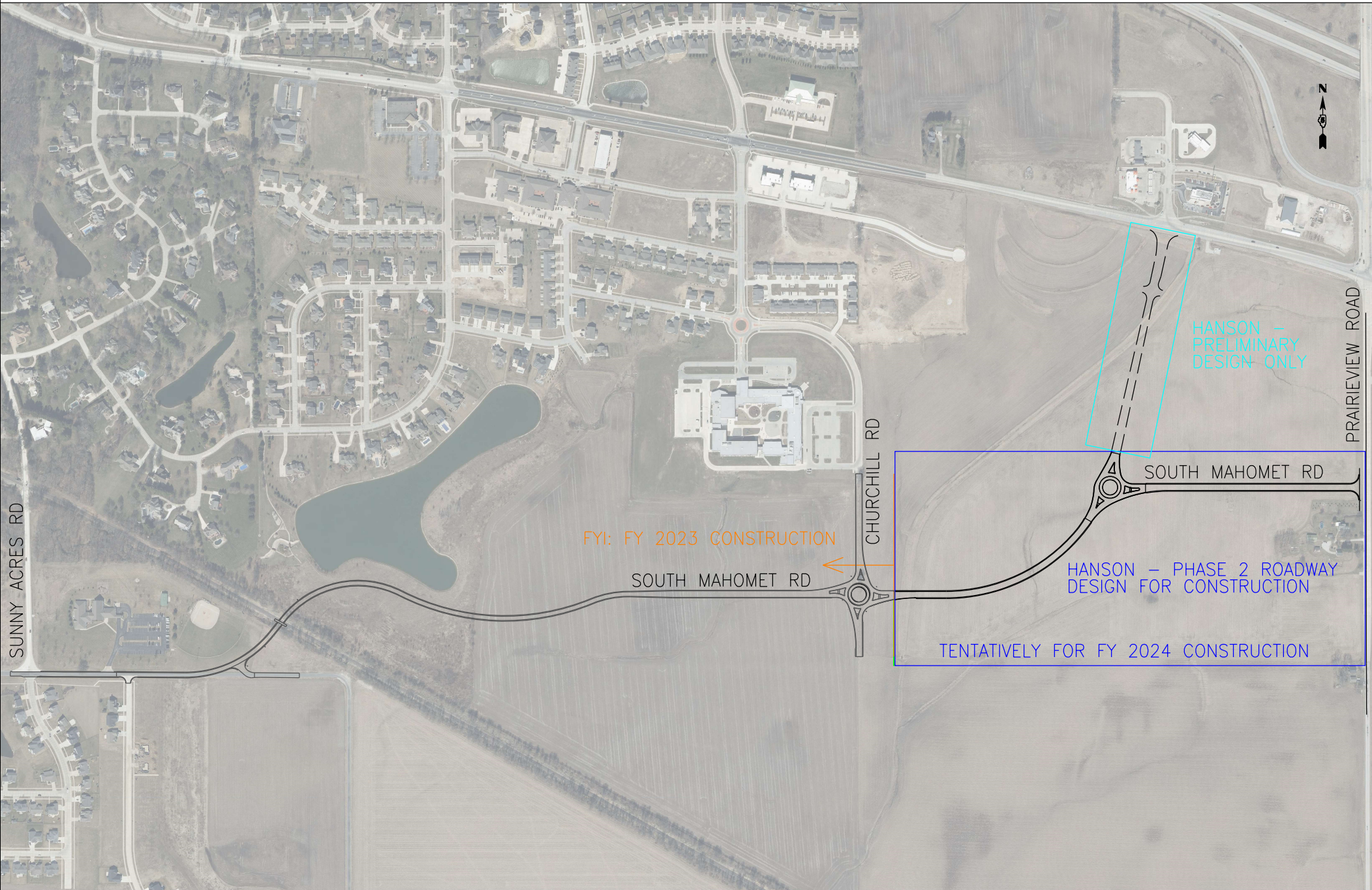
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ACORD 25 (2016/03)

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HANPRO
65343334

SOUTH MAHOMET ROAD EXTENSION OVERALL PLAN



PRIOR OR RELATED BOARD ACTION:

- August 2017 - The Board secures a professional services contract for the feasibility/design of the railroad crossing in this location with Hanson Engineering.
- November 2017 – Board approves the support for pursuit of an at grade railroad crossing and intention to commit TIF funds. (Res 17-11-03)
- February 2018 – Board approves an ESA with Hanson Engineering for \$143,600 for design services for an at grade crossing. (Res 18-02-02)
- February 2018 – Board approves an ESA with Berns Clancy and Associates for \$52,000 for surveying and engineering services associated with the land acquisition and land transfers needed for the South Mahomet Road crossing project (Res 18-02-08)
- November 2018 – Board approves an PSA with Norfolk Southern Railway Company for \$35,000 (Res 18-11-01) – later voided by Res 20-08-01
- February 2020 – Board approves a resolution supporting an extension of the East Mahomet Redevelopment Project Area TIF District (Res 20-02-03)
- May 2020 – Board approves an ESA with Berns Clancy and Associates for \$83,000 for additional services related to land acquisition and transfers since the scope of the project was expanded to Sunny Acres Road on the west, to Prairieview Road on the East and included 1000’ of Churchill to be extended (RES 20-05-01)
- May 2020 – Board approves an ESA with Hanson Professional Services, Inc for \$384,400 for design of the Project (Sunny Acres Rd to Prairieview Rd with an extension of Churchill Road) (Res 20-05-02)
- June 2020 – Board adopts a resolution to support the planning and design of South Mahomet Road and commits Bond Future TIF Funds to finance the project (Res 20-06-01)
- October 2020 – Board approves an Intergovernmental Agreement with Mahomet-Seymour CUSD#3 for Conway Farms Subdivision and related matters (Res 20-10-07)
- November 2020 – Board approves an ordinance authorizing the issuance of alternate revenue source bonds of the Village of Mahomet for the purpose of defraying the costs of capital related improvements (South Mahomet Road construction with TIF bond \$8.5M (ceiling)) (Res 20-11-02)
- November 2020 - Board approves a development agreement by and between the Village of Mahomet and Mahomet United Methodist Church (Res 20-11-06)
- November 2020 - Board approves a development agreement by and between the Village of Mahomet and Conway Farm Property Owners Association (Res 20-11-07)
- January 2021 – Board approves an ESA with Farnsworth Group for \$50,200 for completion of Sanitary Sewer design and assembling Advance Utility Contract for bid for South Mahomet Road extension project (Res 21-01-03)
- January 2021– Board approves an PSA with Norfolk Southern Railway Company for \$80,000 (Resolution is for an additional \$45,000 for crossing signal design) (Res 21 -01-04)
- May 2021 – Board awards the bid for the SMR Utility Extensions Project to Cross Construction Inc. for \$2,850,000 . (Res 21-05-01)
- May 2021 – Board approves an ESA with Berns, Clancy and Associates (BCA) for construction inspection services for the not-to-exceed amount of \$193,400 . (Res 21-05-02)
- August 2021– Board approves a fee to RailPros (For NSRC) for occupancy to bore and jack watermain under tracks for SMR Utility Extensions for \$11,500 (Res 21 -08-02)
- June 2021 – Recorded dedication of Right-of-way, permanent utility easement, permanent drainage easement, and temporary construction easement from Vertical Tower Partners (Recording date 6-1-2022)
- April 2022– Board awards the bid for the Phase 1 SMR Roadway Extension (includes Churchill Dr) Project to Feutz Contractors, Inc. for \$4,307,769.26. (Res 22-04-01)
- April 2022 – Board approves an ESA with ERI for inspection services for the not-to-exceed amount of \$50,000 . (Res 22-04-02)
- April 2022 – Board approves an ESA with Berns, Clancy and Associates (BCA) for construction staking and surveying services for the not-to-exceed amount of \$80,400 . (Res 22-04-03)

TIF commitments
NSRR agreements
consultant agreements
property related
construction



MEMORANDUM
TO THE
BOARD OF TRUSTEES

ITEM: A Resolution Authorizing the Sole Source Purchase of Used 2018 Caterpillar Forklift	DEPARTMENT: Transportation
AGENDA SECTION: Transportation	AMOUNT: \$24,750.00
ATTACHMENTS: (x) ORDINANCE (x) RESOLUTION () OTHER SUPPORTING DOCUMENTS	DATE: April 21, 2022

INTRODUCTION: Staff seeks board approval for the purchase of a used Caterpillar forklift.

BACKGROUND: When the Village purchased the PW / P&R Facility in 2013 the building came with an old 4000# propane fueled forklift. At the time we did not own a forklift but quickly realized how the machine was a very valuable asset. Over the last eight years we have used the forklift a lot for numerous tasks; unloading delivery trucks for Transportation and P&R, installing and removing the snow wing plows, storing items on shelving, etc.

The age of the forklift currently in service is unknown. Several years ago, we had MH Equipment in Danville look at the machine to insure it was safe to operate. Per their research they determined the machine was over 30 years old based on their research but could not determine for sure because the VIN tag was missing.

In recent months the aging forklift has had numerous issues. The machine only runs at high throttle and the cylinder seals are starting to leak. At this point it would likely cost more in repairs than the machine is worth, as many repair parts are obsolete.

An undesirable characteristic is a strictly propane fueled engine which cannot be used outdoors in colder temperatures due to freezing of the regulator.

Since this is a piece of equipment that will be used often but not every day, such as a truck, there is no real need for a brand-new forklift. Staff has researched online and spoken with local equipment dealers and found a used 2018 6000# Caterpillar forklift with approximately 1450 hours of engine use for sale at Altorfer Rents in Champaign. This machine was in their rental fleet and has been maintained and serviced at their facility. New tires have also been installed on the machine.

The forklift proposed for purchase is also a dual fuel machine. It has a switch enabling the operator to switch between gasoline for use outside and propane for indoor use. However, please note that the machine does have traction tires but it is not an “off-road” forklift.

Staff intends to advertise and sell our currently owned forklift. Due to the age and mechanical issues with the forklift Altorfer Rents, nor any other equipment dealer we spoke with, will take the machine on trade.

DISCUSSION OF ALTERNATIVES:

- Option 1 – approved the purchase of this used forklift as recommended.
- Option 2 – Do not approved the resolution and present staff with your direction.
- Option 3 – Direct staff to purchase a new forkliff. We do not believe with our usage that we need to purchase a new one.

PRIOR BOARD ACTION:

The board approved the 2022-2026 CIP budget which included \$25,000.00 funding for the purchase of a forklift.

BUDGET IMPACT: The cost of the forklift is \$250 under the \$25,000 budgeted amount in FY2023 Budget and the 2023-2027 CIP.

STAFF IMPACT: Eric Crowley will be responsible for general coordination of the purchase of the forklift and disposal of the old machine.

SUMMARY: Staff seeks board feedback and approval of the purchase.

RECOMMENDED ACTION: Staff recommends approving a Resolution to purchase a used Caterpillar forklift for the Transportation Department.

DEPARTMENT HEAD APPROVAL:	VILLAGE ADMINISTRATOR:



RESOLUTION NO. 22-05-

RESOLUTION APPROVING THE SOLE SOURCE PURCHASE OF A USED CATERPILLAR GP30N-GLE FORKLIFT FROM ALTORFER RENTS IN THE AMOUNT OF \$24,750.00.

VILLAGE OF MAHOMET, CHAMPAIGN COUNTY, ILLINOIS

WHEREAS, the village has sourced a used Caterpillar GP30N-GLE forklift from Altorfer Rents in the amount of \$24,750.00; and,

WHEREAS, the purchase of used equipment does meet our criteria for a single-source purchase as allowed under Section 3-1 of the Village of Mahomet Purchasing Policy.

NOW, THEREFORE, BE IT RESOLVED, PASSED AND APPROVED, this 24th day of May 2022, by the Board of Trustees of the Village of Mahomet that:

1. A used Caterpillar GP30N-GLE forklift from Altorfer Rents in the amount of \$24,750.00. As this used forklift is being purchased using a single-source, competitive bidding is waived.
2. The Village of Mahomet Board of Trustees further authorizes the Village Administrator to execute the proper documents necessary to complete this purchase.

Sean M. Widener, Village President
Board of Trustees
Village of Mahomet

Attest:

Amanda Andersen, Village Clerk



MEMORANDUM
TO THE
BOARD OF TRUSTEES

ITEM: A RESOLUTION DECLARING CERTAIN VILLAGE PROPERTY AS SURPLUS AND AUTHORIZING ITS DISPOSAL	DEPARTMENT: Transportation Department
AGENDA SECTION: Parks and Recreation	AMOUNT: n/a
ATTACHMENTS: <input type="checkbox"/> ORDINANCE <input checked="" type="checkbox"/> RESOLUTION <input type="checkbox"/> OTHER SUPPORTING DOCUMENTS	DATE: April 28, 2022

INTRODUCTION: The Transportation Department is seeking to declare surplus an age unknown Hyster forklift.

BACKGROUND:

Per the vehicle replacement schedule, the current forklift is due for replacement. The age of the forklift and hours of use is unknown, but the age is estimated at 30+ years. Staff intends on selling the current forklift because no equipment dealer will take the machine on trade.

DISCUSSION OF ALTERNATIVES:

Alternative 1: Approve the resolution as presented.

Alternative 2: Do not approve the resolution as presented.

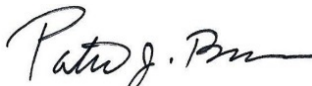
BUDGET IMPACT:

Village Board of Trustees approved the 2023-2027 CIP which included the purchase of a forklift.

STAFF IMPACT:

Staff will be responsible for advertising the sale of the forklift.

RECOMMENDED ACTION: Staff recommends the approval of the resolution as presented.

DEPARTMENT HEAD APPROVAL: /S/ Eric Crowley	VILLAGE ADMINISTRATOR: 
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RESOLUTION NUMBER 22-05-

**A RESOLUTION DECLARING CERTAIN VILLAGE PROPERTY AS SURPLUS AND
AUTHORIZING ITS DISPOSAL**

**BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE VILLAGE OF
MAHOMET, ILLINOIS, as follows:**

SECTION 1. Paragraph 11-76-4 of the Illinois Municipal Code (65 ILCS 5/11-76-4) controls the disposition of surplus Village of Mahomet personal property.

SECTION 2. The Transportation Department would like to declare surplus a Hyster forklift (age unknown) that in accordance with the vehicle and equipment policy is due for replacement.

SECTION 3. That the Village Administrator or his designee is hereby authorized to take such steps as are desirable and necessary to accomplish such disposal approved in Section 1 above.

Sean M. Widener, Village President
Board of Trustees
Village of Mahomet

Attest:

Village Clerk



MEMORANDUM
TO THE
BOARD OF TRUSTEES

ITEM: Flock Safety Automatic License Plate Readers (ALPRs)	DEPARTMENT: Police
AGENDA SECTION: Police	AMOUNT: \$33,500
ATTACHMENTS: () ORDINANCE (X) RESOLUTION () OTHER SUPPORTING DOCUMENTS	DATE: May 10, 2022

INTRODUCTION:

Automatic License Plate Readers (ALPRs) have become a valuable tool in combating crime, particularly violent crime. ALPRs capture an image of vehicles and license plates as they pass the camera. Strategically placed within a community, fixed-position ALPRs have been used to provide officers with important investigative information on vehicles entering or leaving the area of a criminal offense. We have seen their value demonstrated in combating gun violence within Champaign County.

BACKGROUND:

Flock Safety is an innovator in the development and deployment of ALPRs. Flock Safety ALPRs are being utilized by HOAs, business owners and municipalities in more than 1,200 communities in over 40 states.

The Flock system is unique in its ability to simultaneously capture images of license plates and vehicles across multiple lanes of traffic. Flock also has advanced search features allowing officers to search the data by license plate and vehicle description, as well as partial plates and partial descriptions.

Flock has also partnered with Axon. Axon's in-car camera system features mobile ALPR technology tied directly to Flock's system, integrating the two. Vehicles and plates captured by the Axon mobile ALPR are stored in the Flock database.

Flock Safety is the sole source for the technology that includes the advanced search capabilities, Vehicle Fingerprint™ + machine learning software, real-time alerts, and integration with Axon in-car cameras.

Police departments can also add license plate numbers and vehicle descriptions into the Flock database. Once the information is in the database, if a police department is looking for a vehicle involved in a crime and the vehicle passes any Flock camera, the system sends out an immediate notification. That includes local cameras or any other camera, on the Flock system, nationwide.

Locally, the Rantoul Police Department was the first to deploy fixed position ALPRs within their community. RPD strategically deployed fixed position ALPRs throughout the community. Officers have used the images captured by the ALPRs to develop leads and ultimately solve crimes, most notably several shootings.

The Champaign County Sheriff's Office has a Flock camera deployed on Prairieview Road, just north of Tin Cup.

Flock Safety "leases" ALPRs to communities, eliminating the capitol purchase and maintenance of the cameras. Flock handles obtaining the necessary permits (IDOT), installation (including poles), and any required maintenance. The community pays an annual "lease" plus some one time "implementation" fees. Flock's annual lease is \$2,500 per camera.

In September 2021, staff submitted a grant application through the federal government's Northern & Middle States Rural Law Enforcement Assistance Program to support the lease of ten (10) Flock Safety ALPRs.

Ten ALPRs gives us the opportunity to strategically place cameras at the entrances (and exits) to the Village on the state routes, as well as locations within the village. It also coincided with the amount of money available in the grant.

As of early May 2022, those grants have not been awarded.

The following is a breakdown of the costs associated with deploying ten (10) cameras in Mahomet.

One-time costs: Implementation (installation & permits) fee =	\$ 6,000
Recurring annual costs: (\$2,500/camera & Advanced Search)=	<u>\$27,500</u>
FY2023 costs	\$33,500

DISCUSSION OF ALTERNATIVES:

Staff proposes two alternatives.

Alternative 1 Wait until there is word from the federal government on whether we receive a grant.

Alternative 2 Move forward and fund the lease and installation of the Flock Safety ALPRs through the police department's operating budget the first year and await word on the grant for funding future years.

PRIOR BOARD ACTION:

This would be a new venture for the Board and the police department. The board did approve body worn camera lease as well as in-car camera lease in December 2021, but only introduced the concept of ALPR at that time and informed the board that this would be brought back to them later date while we waiting on grant award announcements.

COMMUNITY INPUT:

We have received no direct public feedback since our December 2021 meeting when the board approved BWC and In-Car Cameras and the topic of ALPR (license plate readers) was first brought up as a future purchase since. At that time, we did not move forward on ALPR because we applied for a grant that would cover the first year of the lease and we wanted to wait for grant news.

BUDGET IMPACT:

Alternative 1 would have no impact on the FY2023 budget.

Alternative 2 would require a \$33,500 commitment from the village for year one. The expense would be taken out of the police department’s operating budget.

STAFF IMPACT:

Staff would work with Flock Safety to m finalize the selection of the locations for each ALPR and the training of our personnel in the use of the system.

SUMMARY:

Automatic License Plate Readers technology has proven to be a valuable tool for law enforcement in solving crimes by identifying vehicles involved in those crimes. Whether officers are investigating a string of over twenty car burglaries committed overnight or an incident of gun violence, ALPRs can produce leads that will aid the officers in solving those crimes.

RECOMMENDED ACTION:

Staff recommends that the Board of Trustees approve the Chief of Police entering into a formal agreement with Flock Safety for the acquisition and deployment of ten ALPRs.

<p>DEPARTMENT HEAD APPROVAL:</p> <p><i>Michael Metzler</i></p>	<p>VILLAGE ADMINISTRATOR:</p> <p><i>Patricia J. Brun</i></p>
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RESOLUTION NUMBER 22-05-_____

A RESOLUTION TO APPROVE ENTERING INTO AN AGREEMENT WITH FLOCK SAFETY TO OBTAIN TEN AUTOMATIC LICENSE PLATE READERS IN FY2023 FOR A COST NOT TO EXCEED \$34,000

VILLAGE OF MAHOMET, CHAMPAIGN COUNTY, ILLINOIS

WHEREAS, Automatic License Plate Readers (ALPRs) are a recent technology proven to help law enforcement in the identification and apprehension of criminal offenders; and

WHEREAS, Flock Safety is identified as the sole source for ALPRs with Vehicle Fingerprint™ technology + machine learning software capable of integrating with Axon in-car cameras and has advanced search capabilities; and

WHEREAS, the Village of Mahomet embraces the use of technology for solving crime and protecting her citizens; and

WHEREAS, the Village Staff recommends the police department enter into an agreement with Flock Safety to strategically deploy ALPRs within the community.

NOW, THEREFORE, BE IT RESOLVED this 24th day of May 2022 by the Board of Trustees of the Village of Mahomet that:

1. The Village of Mahomet does hereby approve the Chief of Police entering into an agreement with Flock Safety to deploy ten (10) Automatic License Plate Readers within the village for an amount not to exceed \$34,000. As Flock Safety is a sole source provider, normal bidding is waived.
2. The Village of Mahomet Board of Trustees further authorizes the Chief of Police to execute the proper documents necessary to complete this agreement.
3. The board further authorizes the Chief of Police to amend these agreements as we need to add additional Automatic License Plate Readers, or grant funding becomes available.

Sean Widener, President
Board of Trustees
Village of Mahomet

Attest:

Amanda Andersen, Village Clerk



Engineer's Monthly Report April 2022

- Lots of prep work for a busy construction season.
- South Mahomet Rd:
 - Cross got the mainline sanitary sewer flushed and tested, except for pressure testing. Tested and got watermain permit. Also earth moving and cleaning up the site.
 - Feutz contract executed. Plan to start May 9.
 - Took two ESAs for inspection and staking to BOT for approval.
 - Legal: ICC hearing set for May 11.
 - Hired a summer intern who starts June 1.
- Finished up plans and specs for Center Street paving from tracks to Peacock Dr. Out for bid.
- Continued IDM updates. Hope to approve in June.
- Working on Division Street plans and IDOT submittals (construction in summer '23).

**MAHOMET POLICE DEPARTMENT
MONTHLY REPORT SUMMARY
2022**

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YTD
METCAD Calls	294	245	316	261									
2021	291	325	337	338	380	361	432	413	339	457	384	280	4337
													YTD
Reports	39	40	49	48									
2021	61	50	66	59	56	62	40	59	60	62	60	45	680
													YTD
Criminal Arrests	1	1	1	2									5
Traffic Arrests	1	3	3										7
Warrant Arrests			1										1
NTA's		3	2	3									8
													YTD
Citations	34	38	32	22									126
Civil Citations													0
Written Warnings	104	42	73	65									284
													YTD
Regular Hours	1126.5	1724.5	1711.5	2296									6858.5
Overtime Hours	47.75	12.5	9.75	43.75									113.75
Personal Hours	16	8											24
Vacation Hours	215		69	109									393
Sick Hours	70		8	40									118
Holiday Hours	148	71		68									287
FTO													0
Comp Time Earned	29.25	50.75	94.75	187.5									362.25
Comp Time Used	8	94.5	67.5	110									280
TOTAL	1660.5	1961.25	1960.5	2854.25	0	0	0	0	0	0	0	0	8436.5
													YTD
Training Hours	64	56	60	60									240
Patrol Miles Driven	7886	6872	8554	6960									30272
Burning Complaints	1		2										3
ESDA Events													0
Animal Calls	11	6	10	8									35

*January C-19 hours =104+132.5
W/O C-19 = 28



MAY 2022

OPERATORS REPORT

WATER SYSTEMS OPERATION AND MAINTENANCE

- 1- April 2022 daily average water production 474,000 gallons/day. April 2021 daily average water production 440,000 gallons/day.
- 2- Excavated holes to install street signs and vacuum excavated a storm tile for Transportation.
- 3- Collected routine Bacti samples. Completed shut offs for nonpayment. Submitted monthly EPA reports.
- 4- The new park area was rolled, aerated and pre-emergence applied to all turf areas including the treatment plants.
- 5- Collected a total of 12 water samples for the new watermain from South Mahomet Road. Received operating permit and is now in service.
- 6- Excavated several curb boxes for repair.

WASTEWATER SYSTEMS OPERATION AND MAINTENANCE

- 1- April 2022 daily average influent to the plant 1,117,000 gallons/day. April 2021 daily average influent to the plant 640,000 gallons/day.
- 2- Placed the chlorination system in service for the season. We have a fecal coliform limit from May to November each year.
- 3- Worked on several of the submersible sludge pumps.
- 4- Jetted a plugged sewer line just outside of the Windwood lift station.
- 5- Demo a new sewer main push camera.



TRANSPORTATION DEPARTMENT APRIL 2022 REPORT

- Took two plows to Mike Rounds Welding for some repairs.
- Cleaned drains as needed before, during and after last Thursday's rain.
- Jetted the storm sewer that goes under Windwood Drive at Lake of the Woods Road.
- Jetted a culvert at 1103 Maple Tree Lane.
- Demolished the open-air pavilion at Brooks-Warfel Park.
- Put the leaf box in truck 202 and prepared the leaf vacuum.
- Jetted storm sewer at 704 Kimela Drive.
- Repaired a storm sewer on Turner Drive in the ditch along 13 Acres Park. This is an old butt joint field tile that will likely need repaired again in another location.
- Rolled the lawns at the Administration Office and Village Green.
- Finished re-installing siding on the garage on Center Street.
- Dug out a short section of ditch at 1010 Timber Drive, also jetted the culvert.
- Placed road pack at the dead-end of McDougal Road where we had plowed a little too far this winter.
- Mowed all parks and Village facilities as assigned.
- Graded and rolled alleys.
- Took the Peterbilt trucks to Dedicated Diesel for semi-annual inspections.
- Mowing has begun. Mowed all Village facilities as assigned and string trimmed as needed.
- Complete employee reviews.

- Hauled off scrap metal for recycling.
- Started hauling off concrete, asphalt, mixed dirt piles, etc.
- Sealed joints and pick holes in a manhole and replaced 30' of concrete curb / gutter at 1901 Deer Court. The bad joints had caused sink holes and curb / gutter failure. Went back to pull forms, grade, and seed.
- Jetted the storm sewer behind 1205 W. State Street.
- Jetted the storm sewer at Windwood Drive and Lake of the Woods Road prior to the next rain.
- Checked / cleaned drains on Thursday prior to the next round of rain.
- Finished taking snowplows to the old shop for storage.
- Cleaned up an area we damaged a yard at 1003 Maple Tree Lane. Raked away rock, added soil and seeded the area.
- Replaced the following signs that had been knocked down:
 - Stop sign and post at Center Street and Sangamon Street
 - Speed limit sign and post on Crowley Road north of the high school
 - Roundabout sign and post on Churchill Road east of the roundabout.
- Patched potholes on the following streets / roads:

State Street	Prairieview Road
Penny Lane	Sandy Ridge S/D
Division Street	Main Street
- Completed spring leaf collection. Below are the totals:
 - 437 miles driven
 - 128 gallons of fuel used (truck and vacuum combined)
 - 25 loads
 - 325 cubic yards collected
 - 98 hours worked