

June 7, 2023

Ms. Michelle Heslin
Public Improvement Technician II
Village of Orland Park
15655 S. Ravinia Avenue
Orland Park, Illinois 60462



RE: Professional Engineering Proposal | STP Phase I Engineering – 143rd Street, 131st Street, & Orland Parkway

Dear Ms. Heslin,

On behalf of V3 Companies, Ltd. (V3), we are pleased to submit this proposal for Professional Engineering Services to address the above-referenced projects. If you find this proposal to be acceptable, the executed copies of this letter in accordance with the General Terms and Conditions will constitute acceptance of this proposal.

PROJECT UNDERSTANDING

The Village of Orland Park is pursuing outside funding to mill and resurface Orland Parkway, 143rd Street, and 131st Street. To apply for and receive funding, Phase I engineering will need to be completed and approved by IDOT Bureau of Local Roads. We anticipate the projects will be processed as State Approved Categorical Exclusions. It is our understanding that we will coordinate with the Southwest Conference of Mayors for construction funding in the years 2028-2023.

The specific limits of each roadway are as follows:

- 143rd Street – John Humphrey Drive to Harlem Avenue
- 131st Street – LaGrange Road to Southwest Highway
- Orland Parkway – Wolf Road to LaGrange Road

All work will remain within the existing right-of-way.

SCOPE OF WORK

COORDINATION & DATA COLLECTION

Field Evaluation: Perform a field evaluation of the condition of existing pavements, drainage structures, and curb and gutter. Estimate quantities of pavement repair. Observe and photograph the project area and immediate surroundings.

Topographic Survey: Topographic survey will not be performed within the scope of this work. Schematic drawings will be developed from aerial photography and field verified at select locations.

Agency Coordination: Coordinate with permitting agencies to identify and define requirements. Verify with IDOT functional classification of each roadway and funding eligibility. Coordination with IDOT, permitting agencies, and the Village will be ongoing throughout the project.

Utilities: Contact J.U.L.I.E. for potentially impacted utility companies and obtain available data of record indicating locations of underground utilities. Plot locations and sizes of existing utilities in electronic drawings.



PRELIMINARY DESIGN

Plan Sheets: Prepare plan sheets for the horizontal alignment at 1" = 20' scale.

Typical Sections: Prepare typical sections for the existing and proposed improvements, showing dimensions for roadway surfaces, bases, subbases, subgrade treatments, curb and gutters, medians, sidewalks, bike paths, ditches, backslopes, and right-of-way.

Estimate of Cost: Develop preliminary cost estimates.

GEOTECHNICAL INVESTIGATION

Utilize geotechnical consultants to take pavement cores of the surface and base material for determining the composition of the existing pavement material within the project limits. From the pavement composition a pavement design or base improvement recommendation will be provided in accordance with IDOT guidelines. The following are the number cores for each project location:

- 143rd Street – 4 cores
- 131st Street – 2 cores
- Orland Parkway – 3 cores

In addition, we will utilize existing plan information to confirm the existing pavement composition.

MEETINGS

The following meetings are anticipated for each project:

- Village (2 total) (Kickoff and design coordination meetings)
- IDOT (1 total) (Kickoff meeting)

DOT/FHWA Coordination Meeting: No federal coordination is required unless a design variance is needed.

Public Meeting: No public involvement is anticipated for this project.

The consultant may be required to make up to two presentations at Village Board Meetings, Public Works Committee Meetings, or other public hearings or meetings.

PROJECT DEVELOPMENT REPORT

Prepare a Local Project Development Report for Group I Categorical Exclusion and submit the report to IDOT Bureau of Local Roads and Streets for review and approval. Preliminary and final submittals are anticipated.

QUALITY ASSURANCE / QUALITY CONTROL

Perform in-house peer and milestone reviews by senior staff during project initiation, conceptual review, preliminary, prefinal, and final submittals. Provide ongoing reviews of permitting and utility coordination efforts. Conduct milestone reviews of subconsultants and provide feedback throughout the progress of work.

PROJECT MANAGEMENT

Plan, schedule, and control the activities that must be performed to complete the project including budget, schedule, and scope. Coordinate with the Village and project team to ensure the goals of the project are achieved. Prepare and submit monthly invoices, coordinate invoices from subconsultants, and provide regular updates to the Village.



COMPENSATION

V3 shall invoice the Village monthly on an hourly not to exceed basis for each road segment as follows:

143RD STREET FROM JOHN HUMPHREY DRIVE TO HARLEM AVENUE

Classification	Senior Project Manager	Project Manager Road	Senior Project Engineer	Design Engineer I/II	Engineer Intern	CAD Technician	Task Subtotals
Rate	\$230	\$200	\$171	\$112	\$60	\$136	
Task							
1. Early Coordination							
Field Investigation		2		30	30		62
Agency Coordination		2	4	4			10
Utility Coordination		1	2	2	2		7
Hours	0	5	6	36	32	0	79
Fee	\$0	\$1,000	\$1,026	\$4,032	\$1,920	\$0	\$7,978
2. Preliminary Design							
Plan Sheets	1	4	4	15	40	20	84
Typical Sections		1	2	2	10		15
Cost Estimates		2		15	15		32
IDOT Coordination & Paperwork	1	2	8	4	2		17
Village Meeting (two assumed)		8	8		10		26
Village Special Meeting (two assumed)		8	8				16
Hours	2	25	30	36	77	20	190
Fee	\$460	\$5,000	\$5,130	\$4,032	\$4,620	\$2,720	\$21,962
Labor							\$29,940
Reimbursables							\$3,000
PROJECT TOTAL							\$32,940



131ST STREET FROM LA GRANGE ROAD TO SOUTHWEST HIGHWAY

Classification	Senior Project Manager	Project Manager Road	Senior Project Engineer	Design Engineer I/II	Engineer Intern	CAD Technician	Task Subtotals
Rate	\$230	\$200	\$171	\$112	\$60	\$136	
Task							
1. Early Coordination							
Field Investigation		2		16	16		34
Agency Coordination		2	4	4			10
Utility Coordination		1	2	2	2		7
Hours	0	5	6	22	18	0	51
Fee	\$0	\$1,000	\$1,026	\$2,464	\$1,080	\$0	\$5,570
2. Preliminary Design							
Plan Sheets	1	2	4	10	20	15	52
Typical Sections		1	2	2	10		15
Cost Estimates		2		10	10		22
IDOT Coordination & Paperwork	1	2	8	4	2		17
Village Meeting (two assumed)		8	8		10		26
Village Special Meeting (two assumed)		8	8				16
Hours	2	23	30	26	52	15	148
Fee	\$460	\$4,600	\$5,130	\$2,912	\$3,120	\$2,040	\$18,262
Labor							\$23,832
Reimbursables							\$2,000
PROJECT TOTAL							\$25,832



ORLAND PARKWAY FROM WOLF ROAD TO LA GRANGE ROAD

Classification	Senior Project Manager	Project Manager Road	Senior Project Engineer	Design Engineer I/II	Engineer Intern	CAD Technician	Task Subtotals
Rate	\$230	\$200	\$171	\$112	\$60	\$136	
Task							
1. Early Coordination							
Field Investigation		2		24	24		50
Agency Coordination		2	4	4			10
Utility Coordination		1	2	2	2		7
Hours	0	5	6	30	26	0	67
Fee	\$0	\$1,000	\$1,026	\$3,360	\$1,560	\$0	\$6,946
2. Preliminary Design							
Plan Sheets	1	4	4	15	40	20	84
Typical Sections		1	2	2	10		15
Cost Estimates		2		15	15		32
IDOT Coordination & Paperwork	1	2	8	4	2		17
Village Meeting (two assumed)		8	8		10		26
Village Special Meeting (two assumed)		8	8				16
Hours	2	25	30	36	77	20	190
Fee	\$460	\$5,000	\$5,130	\$4,032	\$4,620	\$2,720	\$21,962
Labor							\$28,908
Reimbursables							\$2,500
PROJECT TOTAL							\$31,408



A detailed hourly cost breakdown is enclosed for each roadway with this proposal.

We appreciate the opportunity to present this proposal and look forward to working with the Village of Orland Park on this project.

Sincerely,

V3 Companies, Ltd.

Jason Holy, P.E.
Project Manager

Accepted for:

Village of Orland Park

By: _____

Title: _____

Date: _____