

Exhibit A - Scope of Work

Provide Phase II Design Engineering services according to applicable IDOT, county and Village requirements, including but not limited to:

Task 1 Project management and Coordination

Meetings. Attend the following meetings, provide meeting minutes and distribute to all attendees:

- Kickoff meeting with the Village
- Kickoff meeting with IDOT
- Kickoff meeting with CCDOTH
- Assume 3 additional miscellaneous meetings

Utility Coordination. There are known public utilities present along the 82nd Avenue corridor. GHA will follow up with all public utility companies and review their atlases. Upon completion of preliminary plans, GHA will forward plans to the utility companies to review and determine any potential conflicts and relocation efforts necessary. Should relocation be necessary, GHA will continue the coordination process to ensure the relocation is completed in a timely manner so to not impact the letting and construction schedule.

Prairie Elementary School. GHA will coordinate with Prairie Elementary School regarding the proposed temporary easement requirements for the proposed bike path construction.

In addition, GHA will coordinate with ComEd to finalize a 20-year lease agreement where the proposed bike path crosses the ComEd right-of-way.

GHA will assist in submitting up to three (3) grant applications.

GHA will update the Project Program Information (PPI) forms as necessary.

Task 2 Data Collection and Supplemental Topographic Survey

Topographic Survey. This item includes a plan in hand field review and determination if additional survey is required at locations where the original survey did not cover what may be anticipated as part of Phase II. We will also field verify any visible utility information that may differ from the obtained utility atlases. Provide field data to Orland Park to incorporate into the Village's GIS system.

Geotechnical. INTERRA, Inc will perform soil borings to determine the extent of top soil to determine removal and disposal of unsuitable materials and the appropriate base for the bike path.

Task 3 Pre-final Plans, Special Provisions, and Estimates (P, S & E)

Preliminary Plans and Cost Estimate (70%) and Pre-Final Plans, Special Provisions, and Estimates (90%)

Plan and Profile will be based on the approved Phase I Project Development Report (PDR) and minor alignment adjustments may be incorporated to limit impacts to existing trees and utility infrastructure.

Drainage Design. GHA will utilize the Location Drainage Technical Memorandum from the approved Phase I PDR for preparing the proposed drainage and utility plans in Phase II.

Plans will consist of the following plan sheets:

- Cover Sheet
- Index of Sheets, General Notes, State Standards

- Typical Sections
- Alignment Ties and Benchmarks
- Plan and Profile Sheets
- Drainage and Utilities Sheets
- Erosion Control Plans
- Traffic Signal Plans
- Landscape /Restoration Plans
- IDOT/County/Village Details
- Cross Sections
- Any additional plan sheets deemed necessary for final approval

Preliminary Plans. Preliminary plans submittal will be made at approximately 70% plan preparation and will serve as a progress submission to the Village for review. This will allow significant design issues to be caught early in the process prior to completing the pre-final plans. These preliminary plans will also be submitted to the utility companies to determine if any potential unforeseen utility conflicts exist. GHA will coordinate a review meeting with Village staff to discuss project status and address any design issues.

Pre-final Plans. The pre-final plan submittal to IDOT, CCDOTH, and the Village will be made at approximately 90% plan preparation and will follow the schedule set forth by IDOT for the designated letting date. GHA will meet with Village staff to review the pre-final plans.

Task 4 Final Plans, Special Provisions, and Estimates (99% and 100%)

Final Plans. Once all agency pre-final plan reviews have been completed and utility conflicts have been determined and addressed, the plans will be updated accordingly to address these comments. GHA will provide the following deliverables to the Village for use during construction: quantity calculations, CAD files, and list of any commitments from the Phase II design.

The Final P, S, & E submittal to IDOT, CCDOTH, and the Village will be made at 99% and 100% complete and will follow the schedule set forth by IDOT for the designated letting date.

Final Special Provisions. Final special provisions will be prepared to supplement or amend the latest edition of the Standard Specifications for Road and Bridge construction in Illinois. The special provisions will include the latest IDOT Recurring Special Provisions check list, the most recent IDOT Bureau of Design and Environment Special Provisions and District One Special Provisions as applicable.

Final Estimate of Cost and Time. The final quantity calculations will be performed from the final plan set. The estimates will be updated based on the revised final quantity calculations. All quantities and costs will be broken down based on the different funding sources for the project. The final estimate of time will be calculated based on the final quantities and typical contractor production rates.

Task 5 Permitting

Permits. GHA anticipates that coordination and submittals will be necessary for the following permits:

- CCDOTH
- ACOE
- MWRD
- NPDES
- Any additional Agencies that may be required

Task 6 CCDD Soil Investigation

A Preliminary Environmental Site Assessment (PESA) was performed during Phase I. In Phase II, Huff and Huff (sub-consultant) will complete the Preliminary Site Investigation (PSI) along 82nd Avenue. The PSI will include additional sampling to determine project requirements for special waste or if the excess material may be disposed of at a Clean Construction and Demolition Debris (CCDD) site.

Task 7 QA/QC Plan Review

Pre-Final QA/QC Review. Prior to submission of the pre-final plans, GHA will perform an internal Quality Assurance / Quality Control review of the work completed. This review is completed by separate reviewers independent of the design team. These reviews consider both constructability issues as well as design issues such as identification of missing pay items, quantities, and special provisions.

Final QA/QC Review. Prior to final submission to IDOT for Letting, a second QA/QC review of the plans and special provisions will be completed. This review will confirm that review comments have been addressed and all pay items and quantities have been updated accordingly.

Task 8 Plat of Highways

GHA will prepare Plat of Highways for the proposed right-of-way and easement requirements. This will consist of field survey and office preparation. GHA will order title commitments on those parcels impacted. This work will also include the monumenting of the final right-of-way in the field.

Task 9 Negotiations

GHA will subcontract Santacruz Land Acquisitions to complete the parcel appraisals and negotiations and finalize all required documentation for IDOT certification.

Task 10 Phase III Support

GHA will provide Phase III support to answer RFI's during construction.

Exhibit B - Project Schedule

IDOT Kick-Off Meeting	November 4, 2024
Preliminary Plans	May 30, 2025
Pre-Final Plans	July 25, 2025
Final Plans	September 29, 2025
ROW Certification	November 26, 2025
IDOT Letting	January 16, 2026