



ORLAND PARK

RFP #25-017

94th Avenue and 159th Street Safety Improvements, Phase I Design Engineering

PROJECT DETAILS

Background

The Village is requesting Phase I Engineering Services for an intersection safety improvement at 94th Avenue and 159th Street. The 94th Avenue and 159th Street intersection has historically been a high crash intersection in the Village of Orland Park. The Village completed a study of the intersection in 2024, which is attached for reference.

Project Description

The La Grange Road and 159th Street intersection is just over 1,250 feet to the west and during the peak periods the traffic queues from this intersection back up into the 94th Avenue and 159th Street intersection. This intersection has existing red-light cameras, managed and operated by the Village. 159th Street is classified as a major arterial and 94th Avenue is classified as a major collector. Proposed improvements must be coordinated with IDOT, CCDOTH and the Village of Orland Park. The project must follow the federal process so it is eligible for design engineering and construction grant funding in the future.

159th Street at 94th Avenue is a signalized, six lane cross-section with two through lanes and dedicated left and right-turn lanes. The left-turn lanes are currently not restricted during the full green. Annual Average Daily Traffic (AADT) for 94th Avenue is 13,600 vehicles from the north and 10,800 from the south. Per IDOT's webpage, AADT for 159th Street is 35,000 vehicles.

159th Street (both directions) is under IDOT jurisdiction, south leg is Cook County and north leg is Orland Park.

Scope of Services

The scope of the project is to provide Phase I Design Engineering Services for an intersection safety improvement at 94th Avenue and 159th Street. Proposers are responsible for developing and presenting to the Village their own scope of services to ensure all elements of this project are covered in their work. Below is a non-comprehensive list of scope items/tasks for the project

- Development of intersection geometry and alignment alternatives to achieve desired safety outcomes
- Determination of right-of-way needs
- Traffic signal replacement, modification and/or timing improvements
- Pedestrian and ADA improvements
- Preparation of necessary documentation for environmental clearances
- Preparation of materials for stakeholder meetings and public information meetings
- Cost estimates as required by IDOT/CCDOTH/CMAP that will be used for Phase II and Phase III funding applications
- Applications for local, state and federal funding during this project and two years after the project is complete. At least three applications must be prepared and submitted by the selected consultant.



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- Coordination with IDOT and CCDOTH. Several meetings with each agency should be anticipated.
- Coordination with affected utilities or businesses
- Other scope items as determined by the consultant.
- The consultant is responsible for delivering a Project Development Report (PDR) reviewed, approved and accepted by IDOT and CCDOTH within the proposed professional fees.

Exhibit A – 94th Avenue and 159th Street Intersection Traffic Safety Study

It is expressly understood and agreed to by both Parties that in no event shall the total amount to be paid by the Village for the complete and satisfactory performance of services, exceed the proposed amount. Said price shall be the total compensation for Consultant's performance hereunder including, but not limited to, all work, deliverables, materials, supplies, equipment, sub-Consultant's fees, and all reimbursable travel and miscellaneous or incidental expenses to be incurred by Consultant. In the event the Consultant incurs cost in excess of the sum authorized for service, the Consultant shall pay such excess from its own funds, and the Village shall not be required to pay any part of such excess, and the Consultant shall have no claim against the Village on account thereof. For the avoidance of doubt, in no event shall Consultant be entitled to receive more than the proposed amount and this amount includes all costs incurred by Consultant in connection with the work and services authorized hereby, including, but not limited to: (i) any known or unknown and/or unexpected condition(s); (ii) any and all unforeseen difficulties; (iii) any unanticipated rises in the cost of labor, materials or equipment, changes in market or negotiating conditions, and errors or omissions made by others; (iv) the character of the work and/or services to be performed; and (v) any overrun in the time or cost necessary for the Consultant to complete the work due to any causes, within or beyond its control. Under no circumstances shall the Village be liable for any additional charges if Consultant's actual costs and reimbursable expenses for such work, service or deliverable exceed the proposed amount. Accordingly, Consultant represents, warrants and covenants to the Village that it will not, nor will Consultant have anyone on its behalf, attempt to collect an amount in excess of the proposed amount agreed to by the Consultant.