



Providing Transportation and Engineering Solutions

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**Scope of Services
Mid-Block Pedestrian Crosswalk Designs
& Construction Inspection Services Agreement
20th Street at Joplin High School
Joplin, Missouri
February 25, 2022**

CJW Transportation Consultants (CJW) will prepare a study of the Proposed Mid-Block Pedestrian Crossing on 20th Street at the Joplin HS. Each option is described below and the agreement includes a “Not to Exceed” cost for the most expensive design option. Any option may be chosen and dependent upon that option, CJW will bill the City accordingly.

Up to five (5) options will be considered and discussed within the study. Each option will include an appropriate Pedestrian Crash Countermeasure for a mid-block crossing on the facility type and posted speed limit of 20th Street. These options will range from a very basic cross walk to the highest level or recommended countermeasures for this crossing.

Traffic Technical Memorandum Description of Services:

Task 1.0 – Site Visit / Observation

The engineer will conduct two site visits to observe both AM and PM pedestrian behavior as they cross 20th Street and to observe parent parking at the City park across 20th Street from the school. Basic field measurements will be taken and used in the analysis of the proposed crossing. A meeting will be coordinated with onsite officials from the facility and the City to discuss their knowledge and concerns of the existing conditions. The site visit will allow the engineer to fully understand all of the client’s concerns, the school’s concerns, and the specific details of the location.

Task 2.0 – Multiple Crossing Options Developed

The engineer will develop up to five (5) option for the proposed crossing. Each option will meet one or more of the recommended improvements found in FHWA’s Field Guide for Selecting Countermeasures at Uncontrolled Pedestrian Crossing Locations.

Task 3.0 – Evaluation of Each Option for Compliance and Effectiveness

The engineer will discuss the benefits of each option as well as the effectiveness of the treatment in preventing pedestrian crashes. Supplemental support information will be provided along with the evaluation.

Task 4.0 – Design of Agreed Upon Solution

The engineer will design the agreed upon solution(s) for the City. This will include any and all improvements up to and including a HAWK Signal. The design will include full plans, bid documents, JSPs, and other necessary documents to let the project for the City if it is determined that a construction project is needed. This task will take the project through final design (including one preliminary meeting with the City and the School to go over the design details). If a construction project is required, this task will also include project advertising, a pre-bid meeting, and the bid letting. Additionally, this task will include tabulation and checking of the bids and a final recommendation to the City for the award of the project.

Task 3.0 – Construction Inspection Services

If requested, the engineer will host a pre-construction meeting, all construction inspection services, and all necessary paperwork for the inspection and acceptance of the contractor’s work.

Time Schedule: The design of the project will be completed 90 days from the notice to proceed. Notice to proceed will be based on receipt of the signed contract provided by the City of Joplin. The project schedule will be dependent on staff reviewing milestone(s) and/or providing information to Consultant as appropriate.

Compensation: The fee for the original Site Visits is Eight Hundred Dollars and 00/100 Cents (\$800.00). The fee for the Development of Options is One Thousand Five Hundred Dollars and 00/100 Cents (\$1,500.00). The fee for the Evaluation of Each Option is One Thousand Five Hundred Dollars and 00/100 Cents (\$1,500.00). The fee for the HAWK Signal Design is Fifteen Thousand Dollars and 00/100 Cents (\$15,000.00). The fee for the Construction Inspection is Fifteen Thousand Dollars and 00/100 Cents (\$15,000.00). The combined fee for the engineering services (Site Visits, Development, Evaluation, Design, and Inspection) is **Thirty Three Thousand Eight Hundred Dollars and 00/100 Cents (\$33,800.00)**. Should Client request work not described and included in the above *Description of Services*, such as additional services resulting from changes to the site plan, reviewing agency requiring additional services, or attendance at additional meetings, the Consultant shall invoice Client for such services.

Note: The Consultant will bill hourly for the work incurred up to, but not exceeding, the amount shown below.

TASK	TOTAL
Task 1 – Site Visit	\$800.00
Task 2 – Development of Options	\$1,500.00
Task 3 – Evaluation of Each Option	\$1,500.00
Task 2 – Design of Agreed Upon Solution(s) (Up to and including a HAWK Signal)	\$15,000.00
Task 3 – Construction Inspection Services (Up to and including a HAWK Signal)	\$15,000.00
TOTAL (NOT TO EXCEED)	\$33,800.00

Invoices will be submitted twice a month or upon completion of the study. Your dated signature below will serve as your agreement to the above fee. If you approve, please return a signed copy to my office and include a professional services contract for our consideration.

Please call if you have any questions or need additional information.

Sincerely,

Date Accepted: _____



 Dane Seiler, PE
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