

To: Nicholas Mueller  
City of Manitowoc  
900 Quay Street  
Manitowoc, WI 54220

From: Jacob Woelmer  
Stantec Consulting Services Inc.  
12075 Corporate Parkway, Suite 200  
Mequon, WI 53092

File: 4 Intersection Designs

Date: September 10, 2021

### SCOPE OF WORK:

The City of Manitowoc is planning to revert N 8<sup>th</sup> St and N 10<sup>th</sup> St to two-way traffic. This will result in geometric changes for 4 intersections as outlined in Attachment B. (N 8<sup>th</sup> Street & Waldo Blvd, N 8<sup>th</sup> St & Cleveland Ave, N 10<sup>th</sup> St & Water St, and N 11<sup>th</sup> St & Menasha Ave)

Stantec will hire Corner Point to prepare a preliminary survey of the four intersections. Stantec will review potential site plan options and provide intersection design plans which will include the site, grading, striping, signage, utility, and traffic control plans as necessary for the improvements proposed for the four intersections. An estimate of probable construction costs with bid quantities will be prepared for each intersection, as well as specifications and special provisions. The signal design for the intersection of 8<sup>th</sup> and Waldo will be prepared by Traffic Analysis & Design (TADI). Stantec will incorporate the work completed by TADI into the intersection construction plans developed during this work. Stantec will provide limited construction administration and observation services by responding to Contractor Requests for Information (RFI's), review shop drawings, perform site visits (maximum 40), and respond to field construction issues.

### FEE FOR PROFESSIONAL SERVICES:

Please see below for the table outlining the fees by project and subconsultant:

| Intersection                        | Stantec  | Corner Point (sub) | TADI (sub) | Total    |
|-------------------------------------|----------|--------------------|------------|----------|
| North 8th Street & Waldo Boulevard  | \$16,000 | \$3,000            | \$6,450    | \$25,450 |
| North 8th Street & Cleveland Avenue | \$23,480 | \$3,000            |            | \$26,480 |
| North 10th Street & Water Street    | \$23,480 | \$3,000            |            | \$26,480 |
| North 11th Street & Menasha Avenue  | \$33,376 | \$3,000            |            | \$36,376 |

Stantec will complete the scope of work described above for a fixed fee of **\$114,786**.

Usual and customary expenses such as mileage, municipal fees, postage, delivery, and prints are not included and will be invoiced at cost. We request that you issue checks for fees unless otherwise agreed upon in advance.

All aspect of this proposal will be governed by the attached Professional Services Agreement.

### SCHEDULE:

Stantec anticipates that all four intersection plans and bid packages will be complete within ten (10) weeks of a notice to proceed and signed contract to execute the work. That said, project delays could be incurred due to factors outside our control and because of the current COVID-19 pandemic. Additionally, Stantec will work closely with the Client and Owner to meet schedule expectations and develop a mutual agreement of when the final deliverables will be completed

Attachments: Professional Services Agreement (Attachment A)  
Intersection Conceptual Plans (Attachment B)  
Corner Point Subconsultant Proposal (Attachment C)  
TADI Subconsultant Proposal (Attachment D)  
Assumptions and Conditions (Attachment E)

The Professional Services Agreement and scope of services and fees are agreed upon:

**Consultant:**

**Client:**

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**Michael Bach**, P.E.  
Stantec  
Senior Associate

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Adam Tegen  
City of Manitowoc  
Development Director