



City of Waukesha  
Department of Public Works  
130 Delafield Street  
Waukesha, WI 53188  
Waukesha-wi.gov

## Contract Change Order

Form C107  
(Rev 01/18)

Project: N/NW Barstow Street Bridge Maintenance Design/Recommendations

Date: 11/21/19

Contract Number: 4130

Branch: Engineering Department.

Change Order Number: 1

Contractor: Foth Infrastructure & Environment, LLC

Amount of original contract ..... \$8,010.00

Amount of Contract prior this Change Order ..... \$8,010.00

### Description of change:

Contract Change Order No. 1 is to include design services for structure B-67-039 (NW Barstow St. Bridge) to ultimately be utilized for inclusion into the Barstow St. and Riverfront St. Utility and Street Improvement project.

#### Contract Item #4. Time extension:

Preliminary B-67-039 Design:	December 2, 2019
Final B-67-039 Design:	December 18, 2019
Contract End Date	January 31, 2020

#### Contract Item #1. Scope of Work Schedule A addition:

The Preliminary B-67-039 Rehabilitation Design

- A 30% preliminary design for the recommended rehabilitation of B-67-039
  - Design shall incorporate the roadway design elements and cross section provided by the City's planned roadway reconstruction.
- A cost estimate in conjunction with the proposed 30% plan scope for the City's use in future budgetary purposes.
- Preliminary plan CAD files shall be compatible with the City of Waukesha AutoCAD Civil 3D 2018 template.

The Final B-67-039 Rehabilitation Design

- A 100% Structure Plan, cost estimate, and construction details & specifications for B-67-039. This deliverable includes digital CAD files that are compatible with AutoCAD Civil 3D 2018. Design shall incorporate the roadway design elements and cross section provided by the City's planned roadway reconstruction.
- Inclusion of potential additions to the bridge structure in combination with the roadway design:
  - Potential addition of 6" center median, 6'- 8' in width over the length of the bridge to correspond to proposed roadway geometrics.
  - Potential addition of pedestrian railing on both sides of the bridge along the sidewalk.
  - Potential removal of the existing bricks in the sidewalk on the east side, and replacement with standard concrete
  - Investigation of existing empty electrical conduit holes within the bridge deck, or addition of two 3" conduit across bridge deck for future fiber optic cable and street lighting

Deliverables

- A 30% Structure Plan and cost estimate for B-67-039 based on the City's preferred cross section alternative. This deliverable includes digital CAD files that are compatible with AutoCAD Civil 3D 2018.
- A 100% Structure Plan, cost estimate, and construction details & specifications for B-67-039. This deliverable includes digital CAD files that are compatible with AutoCAD Civil 3D 2018.

Amount of this Change Order..... \$35,359.00

Net Contract Amount after this Change Order..... \$43,369.00

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City of Waukesha  
Director of Public Works

Date

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Contractor  
Foth Infrastructure & Environment, LLC

Date