

BOARD OF COUNTY COMMISSIONERS  
SARPY COUNTY, NEBRASKA

**RESOLUTION AUTHORIZING CHAIRMAN TO SIGN AMENDMENT #1 TO THE ENGINEERING AGREEMENT WITH ALFRED BENESCH AND COMPANY FOR PROFESSIONAL SERVICES RELATED TO IMPROVEMENTS FOR BRIDGES 146 AND 149 LOCATED IN SARPY COUNTY**

WHEREAS, pursuant to Neb. Rev. Stat. 23-104(6) (Reissue 2007), the County has the power to do all acts in relation to the concerns of the County necessary to the exercise of its corporate powers; and,

WHEREAS, pursuant to Neb. Rev. Stat. 23-103 (Reissue 2007), the powers of the County as a body are exercised by the County Board; and,

WHEREAS, the County and Alfred Benesch & Company have previously executed an Engineering Agreement via Resolution 2012-238, said project is for the improvements to Bridges #146 and #149 and that portion of 180<sup>th</sup> Street located between said bridges in Sarpy County, and,

WHEREAS, the County and Alfred Benesch & Company wish to enter into an Amendment #1 which outlines modifications and/or additional duties for the project.

NOW THEREFORE, BE IT RESOLVED by the Sarpy County Board of Commissioners that pursuant to the statutory authority set forth above, the Amendment #1 with Alfred Benesch & Company for engineering services for the improvements to Bridge #146 and Bridge #149 and that portion of 180<sup>th</sup> Street located between said bridges, a copy of which is attached hereto, is hereby approved.

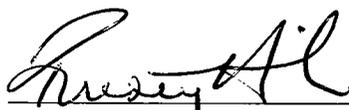
BE IT FURTHER RESOLVED that the Chair and the Clerk are hereby authorized to execute said agreement on behalf of Sarpy County, Nebraska.

The above Resolution was approved by a vote of the Sarpy County Board of Commissioners at a public meeting duly held in accordance with the applicable law on the 27<sup>th</sup> day of November, 2012.

Attest

SEAL



  
\_\_\_\_\_  
Sarpy County Board Chairman

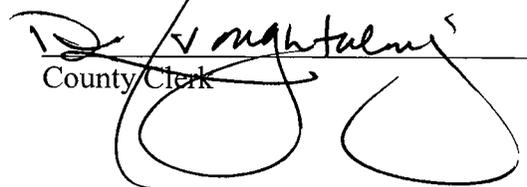
  
\_\_\_\_\_  
County Clerk



EXHIBIT A

**WORK AUTHORIZATION NO. 1**

PROJECT NO. Benesch #110584.00 DATE November 15, 2012  
 PROJECT NAME Bridge #146 and #149 Replacement  
 CLIENT Sarpy County  
 CLIENT PM Pat Dowse, PE CONSULTANT PM Aaron Buettner, PE  
 PHONE NO. 402-537-6917 PHONE NO. 402-479-2432

**SCOPE OF SERVICES**

This WORK AUTHORIZATION Number 1, with the AGREEMENT dated July 31, 2012, between Sarpy County, herein called CLIENT and Alfred Benesch & Company herein called CONSULTANT, constitutes the express authority given CONSULTANT by CLIENT to do work as follows (or as shown in Attachment A):

The amount of the contract amendment is a Lump Sum of \$31,000 and the revised total contract amount is \$137,000.

The following are attached to and hereby made a part of this WORK AUTHORIZATION:

- Attachment A: Scope of Services and Fee Estimate
- Attachment B: Schedule of Unit Billing Rates
- \_\_\_\_\_
- \_\_\_\_\_

**FEE ESTIMATE**

CONSULTANT will perform the Scope of Services described above or in Attachment A, and invoice monthly as noted below in accordance with the selected payment method:

- CLIENT will pay a Fee based on a **Time and Materials** not to exceed \$\_\_\_\_\_ and invoice using Attachment B: Schedule of Unit Billing Rates.
- CLIENT will pay a **Lump Sum** Fee of \$31,000 / Total: \$137,000 and invoice using a percentage completed basis.
- CLIENT will pay by another method as described: \_\_\_\_\_

BY: *Pat Dowse* CLIENT AUTHORIZED REPRESENTATIVE  
 DATE: November 27, 2012  
 TITLE: Chairman

BY: *Aaron Buettner* ALFRED BENESCH & COMPANY AUTHORIZED REPRESENTATIVE  
 DATE: November 15, 2012  
 TITLE: Vice President - Lincoln Division Manager  
 BENESCH OFFICE: Lincoln  
 ADDRESS: 825 J Street  
Lincoln, NE 68508

## SCOPE OF SERVICES AND FEE ESTIMATE

### ATTACHMENT A

#### **SUPPLEMENT TO TASK 8 ROADWAY DESIGN**

Based on direction from Sarpy County, this supplemental agreement includes additional and/or expanded tasks to complete the roadway design. Effort includes:

- Preliminary and final design of 1300 feet of 180<sup>th</sup> Street from Schram Road to the original project beginning.
- Investigation of the horizontal alignment to minimize right-of-way impacts to the properties and OPPD easement on the east side of the project in the future when 180<sup>th</sup> Street is expanded to a three-lane facility.
- Develop a 3-lane section for the roadway portion from Bridge 146 to Bridge 149.
- The reconstructed roadway will be 9" Asphaltic Concrete for the entire length.

The detail description of the tasks are as follows:

Survey. Additional Survey is being provided by the Client. Benesch shall import the XYZ points into CADD and review / modify the information. Included with this task is to re-triangulate the 3D model with the new information.

Typical Sections. This includes development of new typical sections for the 3-lane roadway and the change from gravel to asphaltic concrete surface.

Horizontal Alignment. This task includes the design and drafting of the horizontal alignment for the additional 1300 feet of roadway. It also includes time to adjust the alignment at the bridge locations to accommodate the future three lane intersection.

Vertical Alignment. This task includes the design and drafting of the vertical alignment for the additional 1300 feet of roadway.

Template Cross-Sections. Develop cross-sections for additional roadway. Develop and run template for a three-lane roadway section at the bridge locations. (3 Sheets)

Earthwork. Process earthwork for additional roadway.

Construction and Removal. Development of Removal/Construction and plan Sheets with appropriate notes detailing construction and removals items for the additional roadway. (2 Sheets)

Quantities/Estimates. Update estimate with the additional roadway quantities.

Right-of-Way. This task involves the design of right-of-way takings and/or easements required to construct the property. It is estimated that the additional roadway work will impact up to an additional 4 tracts adjacent to the project. The Client will provide the Consultant with the title information for the properties requested. The Consultant will prepare legal descriptions (distance and deflections, no bearings or azimuths) for all right-of-way takings, permanent easements and temporary easements.

Our fee for the additional Task 8 work detailed above will be a Lump Sum of \$31,000. This will increase our total compensation from a Lump Sum of \$106,000 to a Lump Sum of \$137,000.

The revised schedule will be as follows:

(This schedule assumes NTP for the additional work will be received the week of 11-26-12.)

- Updated 30% Submittal 1-16-12
- PS&E Submittal 5-15-12