

**BOARD OF COUNTY COMMISSIONERS
SARPY COUNTY, NEBRASKA**

RESOLUTION AUTHORIZING CHAIRMAN TO SIGN AMENDMENT #2 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 2012), 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 2012), 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, and an Amendment #1 via Resolution 2012-371, where said project is for the improvements to Bridges #146 and #149 and that portion of 180th Street located between said bridges in Sarpy County, and,

WHEREAS, the County and Alfred Benesch & Company wish to enter into an Amendment #2 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 #2 with Alfred Benesch & Company for engineering services for the improvements to Bridge #146 and Bridge #149 and that portion of 180th 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.

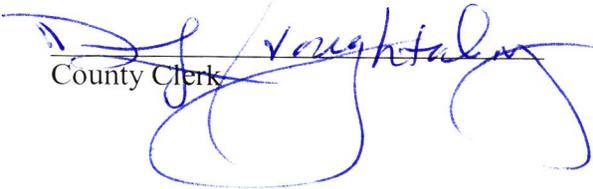
The above Resolution was approved by a vote of the Sarpy County Board of Commissioners at a public meeting duly held in accordance with the applicable law on the 3rd day of December, 2013.

Attest

SEAL




Sarpy County Board Chairman


County Clerk



SARPY COUNTY

Dennis L. Wilson, P.E., PhD
Sarpy County Engineer

PUBLIC WORKS DEPARTMENT
15100 South 84th Street • Papillion, NE 68046-2895
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MEMO

TO: Sarpy County Board of Commissioners

FROM: Patrick M. Dowse, P.E., Engineering Manager *(pm)*

DATE: November 27, 2013

SUBJECT: Resolution Authorizing Chairman to Sign Amendment #2 to the Engineering Agreement with Alfred Benesch and Company for Professional Services Related to Improvements for Bridges 146 and 149 Located in Sarpy County

I recommend approval of the resolution for Amendment #2 to the Professional Services Agreement with Alfred Benesch and Company for the Bridge #146 and Bridge #149 replacement project. Construction phasing issues may significantly impact the major attraction and local business at the intersection of 180th and Schram Road and plans are being made to accommodate an aggressive construction timeframe. The phasing of the project has a calendar constraint in which both bridges need to be open to traffic from September 15th through November 1st regardless of the status of the construction. Also, the acreage lots on Murray Trail would be otherwise landlocked if both bridges are replaced at the same time, which also adds to the complexity of the schedule.

In order to accommodate traffic, adjacent residents, and to increase the chances of a competitive bid, Public Works has asked Benesch to look into phasing the project and adding temporary surfacing quantities. This will ensure the roadway can be open during the peak season of the attraction, to minimize disruption to the tens of thousands of patrons who utilize the attraction yearly. Benesch is also looking at the alternate paving design of using concrete (PCC) rather than asphalt (ACC) to allow for competitive bidding from two paving industries, which is proving region wide to be a cost savings on similar paving projects.

If you have any questions, please give me a call at 537-6917.



EXHIBIT A

WORK AUTHORIZATION NO. 2

PROJECT NO. Benesch #110584.00 DATE November 20, 2013
 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 2, 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 \$7,500 and the revised total contract amount is \$144,500.

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 \$7,500 / Total: \$144,500 and invoice using a percentage completed basis.
- CLIENT will pay by another method as described: _____

CLIENT
 BY: *Jim Wane*
 AUTHORIZED REPRESENTATIVE
 DATE: December 3, 2013
 TITLE: Chairman

ALFRED BENESCH & COMPANY
 BY: *Allen Hambo*
 AUTHORIZED REPRESENTATIVE
 DATE: November 20, 2013
 TITLE: Vice President
 BENESCH OFFICE: Lincoln
 ADDRESS: 825 J Street
Lincoln, NE 68508

SCOPE OF SERVICES AND FEE ESTIMATE

ATTACHMENT A

SUPPLEMENT

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

- Develop special provisions for paving material alternative “Surfacing” for Asphaltic Concrete and Concrete. This will allow the bidder to choose the most economical material to construct the roadway. The alternative to *Asphaltic Concrete, Type SPR* will be calculated for “Concrete Pavement, Class 47B-3500 and “Concrete Pavement, Class 47B-HE-3500 to coincide with the phasing plans. The depth of Concrete Pavement will be calculated to match 9” of Asphaltic Concrete.
- Adding additional phases to the construction plans to incorporate paving material alternatives. Additional Gravel Surface Course will be estimated for each phase as needed.
- Special Provisions for Construction Sequencing and Work Schedule will be developed using Calendar Days. The project will have an anticipated start date of April 7th, 2014 and a completion date of September 15, 2014. These dates will be verified and will be planned as to not to interfere with the local seasonal activities of local businesses. Liquidated damages will be investigated as part of these provisions.

The detail description of the tasks is as follows:

Plan Updates. This includes updating typicals and construction notes to show “Surfacing” instead of Asphaltic Concrete.

Phasing Plan. This includes updating phasing plans to incorporate sub-phases needed due to having alternate paving materials. It will also incorporate Construction sequencing discussed with County staff at the progress meeting held on November 8, 2014.

Construction and Removal. Update Plan and Profile Sheets with new bid items in tab notes for roadway paving. (2 Sheets)

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

Special Provisions. This includes writing special provisions for Construction Sequencing and Work Schedules in Calendar Days. It also includes special provisions for a paving material alternative design that will be bid as “Surfacing”.

Right-of-Way. This task will include any minor updates to plans resulting from negotiations between the County’s ROW Agent and the property owners. Should substantial changes result from the right-of-way negotiations, fees for these additional services would be negotiated.

Our fee Supplement 2 work detailed above will be a Lump Sum of \$7,500. This will increase our total compensation from a Lump Sum of \$137,000 to a Lump Sum of \$144,500.

The revised schedule will be as follows:

(This schedule assumes NTP for the additional work will be received on 12-3-13.)

- PS&E Submittal 12-19-13