

**SUPPLEMENTAL AGREEMENT NO. 2  
TO  
ENGINEERING SERVICES CONTRACT**

This Supplemental Agreement is made part of an agreement dated May 18, 2021 (and supplemented on November 23, 2021) between Jackson County, Missouri and Wilson & Company, Inc., Engineers & Architects for design of project BRO-B048(58). The purpose of this Supplemental Agreement is for the following reasons:

The engineering scope of the Haines Road Bridge Replacement project changed during the conceptual design phase. Initially, the project scope included the use of a MoDOT standard box culvert to improve the conveyance and reduce overtopping. The use of this concept required excavation of exposed rock along the channel bottom and included raising the grade of the road above the top of the box.

During the conceptual design, Wilson & Company met with the County to discuss an alternative design solution that better met the goals of the project. This design included a modified three-sided box culvert the offered the following benefits:

- Practically eliminated rock excavation for the box
- Improved the capacity of the new culvert to avoid overtopping in much larger events
- Reduced the grade raise of the road by using the top of box as the riding surface
- Reduced overall construction costs and avoiding property acquisition
- Improved safety by reducing the frequency of overtopping
- Reduced ongoing maintenance costs associated with overtopping

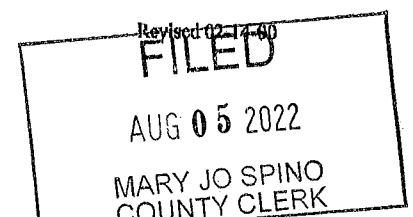
The change in the scope of the project is associated with additional design work beyond the original agreement. In discussions with County staff, Wilson & Company agreed to reduce scope related to property acquisition in an attempt to offset the additional design costs with the goal to keep the overall design contract not-to-exceed cost (Supplemental Agreement #1). The project is nearing completion of the design phase, and our projections indicate that the change in scope will represent an increase in the design costs overall.

The additional design activities and costs are described in detail below:

1. Add to the design scope structural design of a new bridge-length structure (3-sided box)
2. Add to the design scope plan sheet details and bar lists for the bridge-length structure
3. Add quality control and load rating calculations for the bridge-length structure.
4. Regarding Attachment B – Estimate of Cost, supplement per Attachment A to this Supplemental Agreement No. 2

These additional services shall be in an amount not to exceed Eighteen Thousand Two-Hundred Eighty-Nine dollars and Sixty-Three cents (\$18,289.63) without further authorization. The total design services shall be in an amount not to exceed One Hundred Eighteen Thousand Two Hundred Seventy-Five dollars and Seventy-Four cents (\$118,275.74). Attachment A outlines the cost breakdown revision for this Supplemental Agreement

FIG. VI - 4



Supplement Agreement No. 2 accepted as defined herein:

Executed by the Engineer this 24<sup>th</sup> day of May, 2022.

Executed by the County/City this 5<sup>th</sup> day of August, 2022.

FOR: JACKSON COUNTY, MISSOURI  
County Legislature

BY: [Signature]  
Director of Public Works

BY: [Signature]  
County Executive

FOR: WILSON & COMPANY, INC. ENGINEERS & ARCHITECTS

BY: Nicholas Thomas  
Vice President

ATTEST: L. Tyler Shissener

I hereby certify under Section 50.660 RSMo there is either: (1) a balance of funds, otherwise unencumbered, to the credit of the appropriation to which the obligation contained herein is chargeable, and a cash balance otherwise unencumbered, in the Treasury, to the credit of the fund from which payment is to be made, each sufficient to meet the obligation contained herein; or (2) bonds or taxes have been authorized by vote of the people and there is a sufficient unencumbered amount of the bonds yet to be sold or of the taxes levied and yet to be collected to meet the obligation in case there is not a sufficient unencumbered cash balance in the treasury.

[Signature]  
COUNTY ACCOUNTING OFFICER  
COUNTY AUDITOR - 1st and 2nd Class Counties  
COUNTY CLERK - 3rd and 4th Class Counties

APPROVED AS TO FORM

[Signature]  
County Counselor

ATTEST

[Signature]  
Clerk of the County Legislature

O. 5638

**REVENUE CERTIFICATE**

There is a balance otherwise unencumbered to the credit of the appropriation to which the expenditure is chargeable and there is a cash balance otherwise unencumbered in the treasury to the credit of the fund from which payment is to be made each sufficient to provide for the obligation of \$18,290.00 which is herein authorized.

8-2-2022  
Date

  
Director of Finance and Purchasing  
Account No. 010 1675 58055

PC 157522001 000 ML

Wilson & Company Cost Estimating Form  
 Jackson Co., Job No. BRD-8048 (S2)

Estimated by: NT  
 Date: 5/2/2022

Classification	QF7	P6	P5	P4	P3	P2	P1	PD-5	PD-1	SP-6	SF-4	RS-6	FS-5	FS-4	OD-4	AD-3	Total
Task 8.0 - Custom Prefab Structure (3-Sided box) Fabric and Detailing																	
Develop structural design for 5-sided box (Coordinate with HJE)	1		2	4			24	5	24								7
Develop 6 Structural Bridge Detail Sheets	2		4	16			6										78
QC Check and Load Rating			2	16													24
Task 8.0 - Subtotal	3		8	36			30	6	24	0	0	0	0	0	0	0	109
<b>Total</b>	<b>2</b>	<b>3</b>	<b>8</b>	<b>36</b>	<b>0</b>	<b>0</b>	<b>30</b>	<b>6</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>109</b>



PROJECT:	Haines Bridge
DRAWING:	genlocation.pptx
DATE:	December 12, 2019
DESIGN:	ELJ CHKD:
DETAIL:	ELJ APD:

HAINES ROAD BRIDGE RECONSTRUCTION

General Location Map

C1

## Confirmation Memorandum

### Jackson County Missouri - Department of Public Works

**TO:** Heather Berger  
Taxpayer Services Supervisor  
Collection Department

**FROM:** Ric Johnson, PE  
Senior Project Manager, Civil Engineer III  
Public Works – Engineering Division

**DATE:** June 13, 2022

**SUBJECT:** Request for Tax Clearance  
Haines Road Culvert Replacement  
MoDOT Project No. BRO-B048(58)  
County Project No. 3241

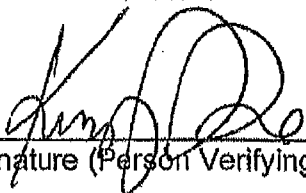


In accordance with County Ordinance 1208, Sections 1003.01 and 1070, the Director of Public Works requests that the below listed Company and/or individuals be verified as being listed and assessed on the County tax rolls and is in no way delinquent on any taxes payable to the County.

**Wilson & Company, Inc. Engineers & Architects**  
800 East 101st Terrace, Suite 200  
Kansas City, MO 64131

Information needed: Type of tax due, amount of tax, and if account is paid or unpaid. (If account is unpaid please include a printout of statement). Place amount paid/amount due under type that applies.

<u>Type of Tax</u>	<u>Amount Paid</u>	<u>Amount Due</u>
BUSINESS	18,590.26	<del>0</del> PAID 12/7/2021
MERCHANTS	<del>0</del>	<del>0</del>
INDIVIDUAL	<del>0</del>	<del>0</del>
REAL ESTATE	288,411.26	<del>0</del> PAID 12/30/2021

  
\_\_\_\_\_  
Signature (Person Verifying)

06-14-2022  
\_\_\_\_\_  
Date

cc: Construction/Contract File