

BILL NO.: 24-0711

ORDINANCE NO.: 24-0280

INTRODUCED BY: COUNCIL MEMBER(S) Groetel

1 **AN ORDINANCE TO AUTHORIZE THE COUNTY EXECUTIVE TO**
2 **EXECUTE CHANGE ORDER NUMBER 1 FOR THE SOUTH JEFFERSON**
3 **COUNTY BRIDGE REPLACEMENT PROJECT WITH GERSHENSON**
4 **CONSTRUCTION COMPANY IN COUNCIL DISTRICT(S): 6.**

5 **WHEREAS**, Jefferson County, Missouri, (hereafter, the “County”), in response to
6 a certain Invitation for Bid, received and opened bids for the construction of the South
7 Jefferson County Bridge Replacement Project; and

8 **WHEREAS**, after reviewing the bids set forth above, the County determined that
9 it was in the best interests of the County to award the bid for the South Jefferson County
10 Bridge Replacement Project to Gershenson Construction Company upon approval by the
11 County Council and the County Executive; and

12 **WHEREAS**, Pursuant to Ordinance 23-0390, Jefferson County, Missouri entered
13 into a Contract with Gershenson Construction Company in the amount of one million, eight
14 hundred eighty-nine thousand, two hundred twenty dollars and zero cents (**\$1,889,220.00**),
15 subject to budgetary limitations, for the South Jefferson County Bridge Replacement
16 Project; and

17 **WHEREAS**, the County finds that it is now necessary to adjust some quantities of
18 pay items in the contract. The differences in contract quantities reflect the necessary

1 changes made in the field and the actual final quantities of work. These figures represent
2 the difference between the value of construction and materials shown in the bid package
3 and the final quantities used and measured during construction; and

4 **WHEREAS**, the Jefferson County Council finds that it is now necessary and in the
5 best interest of the County to execute Change Order Number 1 for an increase of four
6 thousand, fifty-three dollars and thirty-nine cents (**\$4,053.39**) to the contract sum, subject
7 to budgetary limitations with Gershenson Construction Company for the South Jefferson
8 County Bridge Replacement Project Contract.

9 **BE IT ENACTED BY THE JEFFERSON COUNTY, MISSOURI, COUNCIL,**
10 **AS FOLLOWS:**

11 Section 1. Change Order Number 1 for an increase of four thousand, fifty-three
12 dollars and thirty-nine cents (**\$4,053.39**) to the contract sum with Gershenson Construction
13 Company for the South Jefferson County Bridge Replacement Project Contract, for a
14 revised total cost of one million, eight hundred ninety-three thousand, two hundred
15 seventy-three dollars and thirty-nine cents (**\$1,893,273.39**) is approved, subject to
16 budgetary limitations.

17 Section 2. The Jefferson County, Missouri, Council authorizes the County
18 Executive to execute Change Order Number 1 to the South Jefferson County Bridge
19 Replacement Project with Gershenson Construction Company and any agreements or
20 contracts necessary to effectuate the award of the bids and proposals set forth in this
21 Ordinance. The County Executive is further authorized to take any and all actions
22 necessary to carry out the intent of this Ordinance.

1 Section 3. Copies of all Invitations for Bid, response thereto, any contract
2 agreements and Change Orders shall be maintained by the Department of the County Clerk
3 consistent with the rules and procedures for the maintenance and retention of records as
4 promulgated by the Secretary of State.

5 Section 4. This Ordinance shall be in full force and effect from and after its date
6 of approval. If any part of this Ordinance is invalid for any reason, such invalidity shall
7 not affect the remainder of this Ordinance.

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THIS BILL BEING DULY INTRODUCED, THE MEMBERS OF THE JEFFERSON COUNTY, MISSOURI, COUNCIL VOTED AS FOLLOWS:

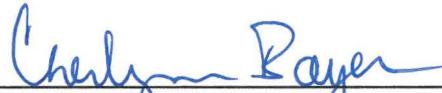
Council Member District 1, Brian Haskins	<u>yes</u>
Council Member District 2, Gene Barbagallo	<u>yes</u>
Council Member District 3, Lori Arons	<u>yes</u>
Council Member District 4, Charles Groeteke	<u>yes</u>
Council Member District 5, Scott Seek	<u>yes</u>
Council Member District 6, Daniel Stallman	<u>yes</u>
Council Member District 7, Bob Tullock	<u>yes</u>

THE ABOVE BILL ON THIS 22 DAY OF July, 2024:

PASSED FAILED



Charles Groeteke, County Council Chair



Cherlynn Boyer, Council Executive Assistant

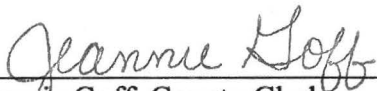
THIS BILL WAS ✓ APPROVED BY THE JEFFERSON COUNTY EXECUTIVE AND ENACTED AS AN ORDINANCE OF JEFFERSON COUNTY, MISSOURI, THIS 20 DAY OF July, 2024.

THIS BILL WAS _____ VETOED AND RETURNED TO THE JEFFERSON COUNTY, MISSOURI, COUNCIL WITH WRITTEN OBJECTIONS BY THE JEFFERSON COUNTY EXECUTIVE, THIS _____ DAY OF _____, 2024.



Dennis Gannon, County Executive

ATTEST:



Jeannie Goff, County Clerk

BY: 

Reading Date: 7-22-2024

CHANGE ORDER No. 1

CONTRACTOR Gershenson Construction Company
 PROJECT NAME South Jefferson Co. Bridge Replacement Program

LPA Jefferson County
 PROJECT NO. STP-5403(697)

The Contractor is hereby directed to make the following changes from the contract:

1. DESCRIPTION AND REASON FOR CHANGE:
 See attached sheets

2. COST OF WORK AFFECTED BY THIS CHANGE ORDER.

EST LINE NO.	CONTRACT ITEM NO.	ITEM DESCRIPTION	UNITS PREVIOUSLY PROVIDED FOR	UNITS TO BE CONSTRUCTED	UNITS OVERRUN / UNDERRUN / CONTINGENT	UNIT PRICE	AMOUNT OF OVERRUN OR PLUS CONTINGENT	AMOUNT OF UNDERRUN OR MINUS CONTINGENT
Laguna Palma Road								
1	5021308	Concrete Pavement (8 IN Non-Rainf. 15 Ft. Joints)	1412.90	0.00	1412.90 SY	\$80.00		\$113,032.00
2	SP-1	Substitute 8" of Bit. Base and 2" of BP-1 in lieu of 8" Concrete Pavement	0.00	1.00	1.00 LS	\$108,775.11	\$108,775.11	
3	SP-2	Deck Drains	0.00	1.00	1.00 LS	\$4,727.46	\$4,727.46	
4	SP-3	Barrier Wall Transition	0.00	1.00	1.00 LS	\$7,171.20	\$7,171.20	
McGehan Road								
5	5021106	Concrete Pavement (6 in. Non-Reinforced)	44.10	0.00	44.10 SY	\$100.00		\$4,410.00
6	5021308	Concrete Pavement (8 in. Non-Reinforced. 15 ft. joints)	733.20	0.00	733.20 SY	\$85.00		\$62,322.00
7	SP-4	Substitute 8" of Bit. Base and 2" of BP-1 in lieu of 8" Concrete Pavement	0.00	1.00	1.00 LS	\$63,143.62	\$63,143.62	
TOTALS:							\$183,817.39	\$179,764.00



3. SETTLEMENT FOR COST OF THE ABOVE CHANGE TO BE MADE AT CONTRACT UNIT PRICES, EXCEPT AS NOTED:
 N/A

4 COMMENTS:

5 COST ADJUSTMENTS TO THE CONTRACT:

1. CONTRACT AMOUNT	\$1,889,220.00
2. OVERRUN THIS ORDER	\$183,817.39
3. OVERRUN PREVIOUS	
4. UNDERRUN THIS ORDER	\$179,764.00
5. UNDERRUN PREVIOUS	
6. PROJECT TOTAL	\$1,893,273.39

THE TERMS OF SETTLEMENT OUTLINED ABOVE ARE HEREBY AGREED TO:

	7-2-2024		7-1-24
APPROVED (OWNER)	DATE	APPROVED (CONTRACTOR)	DATE
APPROVED MODOT	DATE	APPROVED (CONSTRUCTION ENGINEER)	DATE



ORDINANCE NO.

24-0280

Change Order #1 – Reasons Attachment

- Item 1:** 5021308 Concrete Pavement (8 IN Non-Reinf., 15 Ft. Joints) – Underrun of 1,412.9 SY @\$80.00/SY (This is a contract unit price item.)
- Item 2:** SP-1 - Substitute 8” of Bit. Base and 2” of BP-1 in lieu of 8” Concrete – Overrun of 1 LS @ \$108,775.11/LS (This is not a contract unit price item.)
- Item 3:** SP-2 – Deck Drains – Overrun of 1 LS @\$4,727.46/LS (This is not a contract unit price item.)
- Item 4:** SP-3 – Barrier Transition – Overrun of 1 LS @\$7,171.20/LS (This is not a contract unit price item.)
- Item 5:** 5021106 – Concrete Pavement (6 in. Non-Reinforced) – Underrun of 44.1 SY @\$100.00/SY (This is a contract unit price item.)
- Item 6:** 5021308 – Concrete Pavement (8 in. Non-Reinforced, 15 ft. joints) – Underrun of 733.2 SY @\$85.00/SY (This is a contract unit price item.)
- Item 7:** SP-4 – Substitute 8” of Bit. Base and 2” of BP-1 in lieu of 8” Concrete – Overrun of 1 LS @\$63,143.62/LS (This is not a contract unit price item.)

Description:

- Items 1:** This item is an underrun of 1,412.9 SY of Concrete Pavement (8 IN Non-Reinf., 15 Ft. Joints). Gershenson Construction Co. approached the County with the option to place 8” of Bit. Base and 2” of BP-1 in lieu of Concrete Pavement. Using asphalt in place of concrete pavement allowed the County to open the road at an earlier date.
- Item 2:** This item is an overrun of 1 LS of Substitute 8” of Bit. Base and 2” of BP-1 in lieu of 8” of Concrete Pavement. The area represented by this item is equivalent to the area of Item 1, and the actual asphalt quantity placed resulted in a net savings of \$4,256.89. The design engineer has provided an analysis of the asphalt being used in place of the concrete. See attached letter after the signature page.
- Item 3:** This item is an overrun of 1 LS of Deck Drains. There are a few areas on the deck near the barrier walls that are ponding water. The haunches were shot after the girders were installed and this information was shared with the design engineer. The design engineer directed the County to have the contractor install the minimum 1 ½” joint filler over the entire bridge and then modify the profile over the bridge. After the deck was poured, the final

Change Order No. 1
County Jefferson
Route S. Jefferson County Bridge Replacement
Program
Project No. STP-5403(697)

profile was flatter than anticipated, causing water to accumulate along the barrier wall and into the wheel path. The installation of the three deck drains will remove the water from the bridge deck.

- Item 4:** This item is an overrun of 1 LS of Barrier Transition. Due to the proximity of the natural gas transmission line on the southbound lane on the departing side of the bridge, we are unable to drive guardrail posts to install guardrail. For safety reasons the County chose to install a tapered barrier wall transition rather than leaving the blunt end of the Type H Barrier exposed.
- Item 5&6:** These items are an underrun of 44.1 SY and 733.2 SY. Gershenson Construction Co. approached the County with the option to place 6" of Bit. Base and 2" of BP-1 in lieu of Concrete Pavement (6 in. Non-Reinforced) and to place 8" of Bit. Base and 2" of BP-1 in lieu of Concrete Pavement (8 in. Non-Reinforced, 15 ft. joints). Using asphalt in place of concrete pavement allowed the County to open the road at an earlier date.
- Item 7:** This item is an overrun of 1 LS of Substitute 8" of Bit. Base and 2" of BP1 in lieu of 8" of Concrete Pavement. The area represented by this item is equivalent to the area of Items 3&4, and the actual asphalt quantity placed will result in a net savings of \$3,588.38. The design engineer has provided an analysis of the asphalt being used in place of the concrete. See attached letter after the signature page.

Change Order No. 1
County Jefferson
Route S. Jefferson County Bridge Replacement
Program
Project No. STP-5403(697)

APPROVED AS TO FORM

ATTEST: Jeannie Goff
COUNTY CLERK

[Signature]
COUNTY COUNSELOR

Shelley Blankenship
DEPUTY CLERK

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 funds 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.

Kristy Wagoner
COUNTY AUDITOR



4140 Lindell Blvd.
St. Louis, Missouri 63108
Phone: (314) 454-0222
Fax: (314) 454-1235
www.abnaengineering.com

July 1, 2024

Robert Russell
Department of Public Works
P.O. Box 100
Hillsboro, MO 63050

Subject: STP-5403 (697) South Bridge Bundle
Laguna Palma & McGehan

Dear Mr. Russell:

I have reviewed pavement design and AADT for both of these bridge locations. Using a total of 10" HMA in place of the specified 8" concrete is acceptable.

Sincerely,

Stephen Alsbury, P.E.; S.E.
Project Manager



CONTINGENT ITEM PRICE CHECK

Contract ID Gershenson Construction Job No. STP-5403(697) Change Order No. 1
Route S. Jeff. Co. Bridge Replacement County Jefferson
Item Description Substitute 8" of Bit. Base and 2" of BP-1 in lieu of 8" Concrete Pavement
Item Code SP-1 Proposed Price/Unit \$108,775.11
Line Number 2 Units to be Constructed 1

MoDOT Unit Bid Price Book Comparison:

Year N/A Statewide Average Price N/A Average Quantity N/A
District N/A Average Price N/A Average Quantity N/A

Comparison With Prices on Other Area Projects:

Route N/A County N/A Job No. N/A
Price N/A Quantity N/A

Remarks/Other Analysis/Considerations:

The County has analyzed the breakdown and determined that the asphalt substitution is equivalent to the concrete pavement bid item. Cost breakdown is on the following sheets.

Responsible Person: **Robert Russell**

Date: **6/28/2024**

GERSHENSON

CONSTRUCTION CO., INC.

2 Truitt Drive Eureka, MO 63025 (636) 938-9595 FAX: (636) 938-9501

April 18, 2024

Mr. Robert Russell
Civil Project Manager II
Department of Public Works
Jefferson County
P.O. Box 100
Hillsboro, MO 63050

**Re: South Jefferson County Bridge Replacement
STP # 5403(697)
GCC Project No.: 23026**

Dear Mr. Russell:

We are requesting to change the pavement design on Laguna Palma Bridge project from 8" concrete pavement to 8" base asphalt with 2" asphalt overlay. Attached, you will see our breakdown of credits and adds for changing the pavement design. We plan to remove the roadway and installing the rock base which the local traffic will use until the base asphalt is installed. We will install ramps at each end of the project and maintain rock roadway until the asphalt base is completed. I have attached a traffic control plan using a combination of the existing bridge and the new bridge to get traffic around as we remove, rock, and install the base asphalt. The credit for installing asphalt in lieu of 8" concrete pavement is -\$4,256.89.

Please review and call me with any questions or comments.

Sincerely,



Kurt Muehlher, P.E.
Project Manager










GERSHENSON CONSTRUCTION CO., INC.

Cost Detail With Pricing

Project Name: Laguana Palma Asphalt Roadway	Customer: Jefferson County
Job Number:	Billing Address: Hillsboro, MO
Bid As:	Phone:
Estimator:	Contact:
Project Address:	
Completion Date:	

Pay Items

Description	Quantity	UM	Unit Direct Cost	Total Direct Cost	Unit Price	Total Price	Markup Percent
P 1 - 8" Concrete Pavement	1,412.90	SY	(\$80.00)	(\$113,032.00)	(\$80.00)	(\$113,032.00)	0.00%
D 2 - 2" Extra Depth Removals	1,412.90	SY	\$2.20	\$3,104.22	\$2.42	\$3,419.22	10.15%
Cut And Haul W/200 Class Excavator	66.00	CY	\$47.03	\$3,104.22			
228 Crawler W/Skidsteer Sewer Crew (132.00 CY/DY, 0.50 DY)	66.00	CY	\$17.94	\$1,184.22			
Laborer Foreman Truck	4.00	HR	\$30.00	\$120.00			
Laborer Foreman	4.00	HR	\$77.47	\$309.87			
228 Excavator	4.00	HR	\$100.00	\$400.00			
Operator(Premium)	4.00	HR	\$88.59	\$354.35			
Trucking (1.00 DY, 2.00 Trucks, 8.25 CY/HR)	66.00	CY	\$29.09	\$1,920.00			
D 3 - 8" Base Asphalt Pavement - 2 Lifts	1,412.90	SY	\$51.26	\$72,431.95	\$56.39	\$79,673.43	10.00%
Mainline Asphalt Paving Base Course	630.00	TON	\$112.05	\$70,591.95			
Mainline Asphalt Crew (Volvo Paver) (315.00 TON/DY, 2.00 DY)	630.00	TON	\$40.88	\$25,751.95			
Volvo P7110 Paver	20.00	HR	\$313.00	\$6,260.00			
Roller 3 - 5 Ton	20.00	HR	\$60.00	\$1,200.00			
Laborer [3]	20.00	HR	\$75.03	\$4,501.57			
Operator [3]	20.00	HR	\$104.18	\$6,250.71			
Duel Drum 10 Ton Roller	20.00	HR	\$140.00	\$2,800.00			
Operator Foreman Truck [2]	20.00	HR	\$30.00	\$1,200.00			
Operator Foreman [2]	20.00	HR	\$88.49	\$3,539.67			
Type X Mix	630.00	TON	\$60.00	\$37,800.00			
Trucking (2.00 DY, 4.00 Trucks, 39.38 TON/HR)	630.00	TON	\$11.17	\$7,040.00			
Asphalt Mobilization Gershenson	1.00	LS	\$1,840.00	\$1,840.00			
Tandem Truck W/Driver	16.00	HR	\$115.00	\$1,840.00			
D 4 - 2" Asphalt Overlay	1,412.90	SY	\$16.10	\$22,747.18	\$17.71	\$25,022.46	10.00%
Mainline Asphalt Paving Surface Mix	156.00	TON	\$145.82	\$22,747.18			
Mainline Asphalt Crew (Volvo Paver) (156.00 TON/DY, 1.00 DY)	156.00	TON	\$68.89	\$10,747.18			
Volvo P7110 Paver	8.00	HR	\$313.00	\$2,504.00			

Description	Quantity	UM	Unit Direct Cost	Total Direct Cost	Unit Price	Total Price	Markup Percent
<i>(Item 4 - 2" Asphalt Overlay continued)</i>							
 Roller 3 - 5 Ton	8.00	HR	\$60.00	\$480.00			
 Laborer [3]	9.00	HR	\$71.99	\$1,943.86			
 Operator [3]	9.00	HR	\$97.25	\$2,625.72			
 Duel Drum 10 Ton Roller	8.00	HR	\$140.00	\$1,120.00			
 Operator Foreman Truck [2]	8.00	HR	\$30.00	\$480.00			
 Operator Foreman [2]	9.00	HR	\$88.53	\$1,593.60			
 Type C Mix	156.00	TON	\$60.00	\$9,360.00			
 Trucking (1.00 DY, 3.00 Trucks, 19.50 TON/HR)	156.00	TON	\$16.92	\$2,640.00			
 5 - Tack	100.00	GAL	\$6.00	\$600.00	\$6.60	\$660.00	10.00%

\$ - 4,256.89

CONTINGENT ITEM PRICE CHECK

Contract ID Gershenson Construction Job No. STP-5403(697) Change Order No. 1
Route S. Jeff. Co. Bridge Replacement County Jefferson
Item Description Deck Drains
Item Code SP-2 Proposed Price/Unit \$4,727.46
Line Number 6 Units to be Constructed 1

MoDOT Unit Bid Price Book Comparison:

Year N/A Statewide Average Price N/A Average Quantity N/A
District N/A Average Price N/A Average Quantity N/A

Comparison With Prices on Other Area Projects:

Route N/A County N/A Job No. N/A
Price N/A Quantity N/A

Remarks/Other Analysis/Considerations:

Cost breakdown is on following sheet.

Responsible Person: **Robert Russell**

Date: **6/28/2024**

GERSHENSON CONSTRUCTION CO., INC.

Cost Detail With Pricing

Project Name: Install Drians In LaGuna Palma Bridge	Customer: Jefferson County
Job Number:	Billing Address: Hillsboro, MO
Bid As:	
Estimator:	Phone:
Project Address:	Contact:
Completion Date:	

Pay Items

Description	Quantity	UM	Unit Direct Cost	Total Direct Cost	Unit Price	Total Price	Markup Percent
D 1 - Install Drain In LaGuna Palma Deck	3.00	EACH	\$1,370.28	\$4,110.84	\$1,575.82	\$4,727.46	15.00%
Core Drill	1.00	LS	\$1,063.81	\$1,063.81			
Carpenter Foreman	4.00	HR	\$85.25	\$340.99			
Laborer	4.00	HR	\$68.21	\$272.82			
Ez/Drill	0.50	DY	\$200.00	\$100.00			
Drill Bit	1.00	EACH	\$350.00	\$350.00			
D Drainage System On Bridge	1.00	LS	\$3,047.03	\$3,047.03			
Drainage System On Bridge Crew (1.00 LS/DY, 1.00 DY)	1.00	LS	\$2,017.03	\$2,017.03			
Boom Lift (50')	0.20	WK	\$650.00	\$130.00			
LaborerForeman Truck	8.00	HR	\$22.00	\$176.00			
Laborer Foreman	8.00	HR	\$77.47	\$619.74			
Laborer [2]	8.00	HR	\$68.21	\$1,091.29			
Drainage System	1.00	LS	\$930.00	\$930.00			
Misc Epoxy MATERIAL	1.00	LS	\$100.00	\$100.00			

CONTINGENT ITEM PRICE CHECK

Contract ID Gershenson Construction Job No. STP-5403(697) Change Order No. 1
Route S. Jeff. Co. Bridge Replacement County Jefferson
Item Description Barrier Wall Transition
Item Code SP-3 Proposed Price/Unit \$7,171.20
Line Number 7 Units to be Constructed 1

MoDOT Unit Bid Price Book Comparison:

Year N/A Statewide Average Price N/A Average Quantity N/A
District N/A Average Price N/A Average Quantity N/A

Comparison With Prices on Other Area Projects:

Route N/A County N/A Job No. N/A
Price N/A Quantity N/A

Remarks/Other Analysis/Considerations:

Cost breakdown is on following sheet.

Responsible Person: **Robert Russell**

Date: **6/28/2024**

GERSHENSON CONSTRUCTION CO., INC.

Cost Detail With Pricing

Project Name: CIP Barrier Transition LaGuna Palma Bridge	Customer: Jefferson County
Job Number:	Billing Address: Hillsboro, MO
Bid As:	
Estimator:	Phone:
Project Address:	Contact:
Completion Date:	

Pay Items

Description	Quantity	UM	Unit Direct Cost	Total Direct Cost	Unit Price	Total Price	Markup Percent
D 1 - CIP Barrier Transition	20.00	LF	\$311.79	\$6,235.79	\$358.56	\$7,171.20	15.00%
B Safety Barrier (Cast-In-Place)	20.00	LF	\$289.30	\$5,785.92			
B Class B-1 Concrete	4.60	CY	\$150.00	\$690.00			
B Rebar (subcontract)	1.00	LS	\$956.00	\$956.00			
B Barrier Forming And Pour Crew (13.33 LF/DY, 1.50 DY)	20.00	LF	\$207.00	\$4,139.92			
B Carpenter Foreman Truck	12.00	HR	\$30.00	\$360.00			
B Carpenter	12.00	HR	\$80.25	\$962.97			
B Carpenter Foreman	12.00	HR	\$85.25	\$1,022.96			
B Laborer	12.00	HR	\$68.21	\$818.47			
B Mini Excavator (E-85) [0.5]	12.00	HR	\$74.00	\$444.00			
B Operator [0.5]	12.00	HR	\$88.59	\$531.52			
B Job Mobilization	1.00	LS	\$449.87	\$449.87			
B Equipment/Materials GCC	4.00	HR	\$112.47	\$449.87			
B Laborer Foreman	4.00	HR	\$77.47	\$309.87			
B Delivery Truck (Kelth)	4.00	HR	\$35.00	\$140.00			

CONTINGENT ITEM PRICE CHECK

Contract ID Gershenson Construction Job No. STP-5403(697) Change Order No. 1
Route S. Jeff. Co. Bridge Replacement County Jefferson
Item Description Substitute 8" of Bit. Base and 2" of BP-1 in lieu of 8" Concrete Pavement
Item Code SP-4 Proposed Price/Unit \$63,143.62
Line Number 5 Units to be Constructed 1

MoDOT Unit Bid Price Book Comparison:

Year N/A Statewide Average Price N/A Average Quantity N/A
District N/A Average Price N/A Average Quantity N/A

Comparison With Prices on Other Area Projects:

Route N/A County N/A Job No. N/A
Price N/A Quantity N/A

Remarks/Other Analysis/Considerations:

The County has analyzed the breakdown and determined that the asphalt substitution is equivalent to the concrete pavement bid item. Cost breakdown is on the following sheets.

Responsible Person: Robert Russell Date: 6/28/2024

GERSHENSON CONSTRUCTION CO., INC.

To: Jefferson County	Contact:
Address: Hillsboro, MO	Phone:
	Fax:
Project Name: McGehan Road Bridge Asphalt Roadway	Bid Number:
Project Location:	Bid Date:

Item #	Item Description	Estimated Quantity	Unit	Unit Price	Total Price
1	8" Concrete Pavement	44.10	SY	(\$100.00)	(\$4,410.00)
2	8" Pavement 15 Joint	733.20	SY	(\$85.00)	(\$62,322.00)
2	2" Extra Depth Removals	777.30	SY	\$3.15	\$2,448.50
3	8" Base Asphalt Pavement - 2 Lifts	777.30	SY	\$54.86	\$42,642.68
4	2" Asphalt Overlay	777.30	SY	\$22.80	\$17,722.44
5	Tack	75.00	GAL	\$4.40	\$330.00

Total Bid Price: (\$3,588.38)

Notes:

- THIS PROPOSAL IS VALID FOR 30 DAYS ONLY AND IS VOID IF NOT ACCEPTED WITHIN THAT TIME. WE HAVE NO DUTIES OR OBLIGATIONS BEYOND THOSE CONTAINED IN THIS PROPOSAL, AND WE ARE NOT BOUND BY ANY TERMS OR CONDITIONS NOT CONTAINED IN THIS PROPOSAL, UNLESS SET FORTH IN A SUBCONTRACT AGREEMENT ACCEPTABLE TO US AND SIGNED BY US. IF WE ARE DIRECTED TO PROCEED WITH OUR WORK AND NO SUBCONTRACT AGREEMENT IS SIGNED BY US, THE ONLY TERMS AND CONDITIONS GOVERNING OUR WORK ARE THOSE CONTAINED IN THIS PROPOSAL.

Payment Terms:

Payment due within 30 days of date of invoice, regardless of when payment is made by Owner


















<p>ACCEPTED: The above prices, specifications and conditions are satisfactory and hereby accepted.</p> <p>Buyer: _____</p> <p>Signature: _____</p> <p>Date of Acceptance: _____</p>	<p>CONFIRMED: Gershenson Construction Co., Inc.</p> <p>Authorized Signature: _____</p> <p>Estimator: _____</p>
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GERSHENSON CONSTRUCTION CO., INC.

Cost Detail With Pricing

Project Name: McGeahan Road Bridge Asphalt Roadway	Customer: Jefferson County
Job Number:	Billing Address: Hillsboro, MO
Bid As:	
Estimator:	Phone:
Project Address:	Contact:
Completion Date:	

Pay Items

Description	Quantity	UM	Unit Direct Cost	Total Direct Cost	Unit Price	Total Price	Markup Percent
P 1 - 8" Concrete Pavement	44.10	SY	(\$100.00)	(\$4,410.00)	(\$100.00)	(\$4,410.00)	0.00%
P 2 - 8" Pavement 15 Joint	733.20	SY	(\$85.00)	(\$62,322.00)	(\$85.00)	(\$62,322.00)	0.00%
D 2 - 2" Extra Depth Removals	777.30	SY	\$2.87	\$2,227.90	\$3.15	\$2,448.50	9.90%
D Cut And Haul W/200 Class Excavator	66.00	CY	\$33.76	\$2,227.90			
 228 Crawler W/Skidsteer Sewer Crew (507.69 CY/DY, 0.13 DY)	66.00	CY	\$4.67	\$307.90			
 LaborerForeman Truck	1.04	HR	\$30.00	\$31.20			
 Laborer Foreman	1.04	HR	\$77.47	\$80.57			
 228 Excavator	1.04	HR	\$100.00	\$104.00			
 Operator(Premium)	1.04	HR	\$88.59	\$92.13			
 Trucking (1.00 DY, 2.00 Trucks, 8.25 CY/HR)	66.00	CY	\$29.09	\$1,920.00			
D 3 - 8" Base Asphalt Pavement - 2 Lifts	777.30	SY	\$49.88	\$38,768.73	\$54.86	\$42,642.68	9.99%
D Mainline Asphalt Paving Base Course	341.00	TON	\$110.99	\$37,848.73			
 Mainline Asphalt Crew (Volvo Paver) (341.00 TON/DY, 1.00 DY)	341.00	TON	\$37.76	\$12,875.98			
 Volvo P7110 Paver	10.00	HR	\$313.00	\$3,130.00			
 Roller 3 - 5 Ton	10.00	HR	\$60.00	\$600.00			
 Laborer [3]	10.00	HR	\$75.03	\$2,250.78			
 Operator [3]	10.00	HR	\$104.18	\$3,125.36			
 Duel Drum 10 Ton Roller	10.00	HR	\$140.00	\$1,400.00			
 Operator Foreman Truck [2]	10.00	HR	\$30.00	\$600.00			
 Operator Foreman [2]	10.00	HR	\$88.49	\$1,769.84			
 Type X Mix	358.05	TON	\$55.00	\$19,692.75			
 Trucking (1.00 DY, 6.00 Trucks, 42.63 TON/HR)	341.00	TON	\$15.48	\$5,280.00			
D Asphalt Mobilization Gershenson	1.00	LS	\$920.00	\$920.00			
 Tandem Truck W/Driver	8.00	HR	\$115.00	\$920.00			
D 4 - 2" Asphalt Overlay	777.30	SY	\$20.73	\$16,113.36	\$22.80	\$17,722.44	9.99%
D Mainline Asphalt Paving Surface Mix	90.00	TON	\$179.04	\$16,113.36			

Description	Quantity	UM	Unit Direct Cost	Total Direct Cost	Unit Price	Total Price	Markup Percent
<i>(Item 4 - 2" Asphalt Overlay continued)</i>							
 Mainline Asphalt Crew (Volvo Paver) (102.27 TON/DY, 0.88 DY)	90.00	TON	\$95.47	\$8,592.66			
 Volvo P7110 Paver	7.04	HR	\$313.00	\$2,203.52			
 Roller 3 - 5 Ton	7.04	HR	\$60.00	\$422.40			
 Laborer [3]	7.04	HR	\$68.21	\$1,440.50			
 Operator [3]	7.04	HR	\$88.59	\$1,870.96			
 Duel Drum 10 Ton Roller	7.04	HR	\$140.00	\$985.60			
 Operator Foreman Truck [2]	7.04	HR	\$30.00	\$422.40			
 Operator Foreman [2]	7.04	HR	\$88.59	\$1,247.28			
 Type C Mix	94.50	TON	\$55.00	\$5,197.50			
 Trucking (0.88 DY, 3.00 Trucks, 12.78 TON/HR)	90.00	TON	\$25.81	\$2,323.20			
P 5 - Tack	75.00	GAL	\$4.00	\$300.00	\$4.40	\$330.00	10.00%